

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111319\
 Data File : BG043616.D
 Acq On : 13 Nov 2019 17:23
 Operator : JU
 Sample : PB124701BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124701BS

Manual Integrations
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 11/14/2019 2:07:54 PM

Quant Time: Nov 14 03:05:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	27764	20.00	ng	-0.01
21) Naphthalene-d8	10.80	136	114085	20.00	ng	-0.01
39) Acenaphthene-d10	14.63	164	82992	20.00	ng	-0.01
64) Phenanthrene-d10	17.37	188	198487	20.00	ng	-0.02
76) Chrysene-d12	21.64	240	224378	20.00	ng	-0.01
87) Perylene-d12	24.82	264	223831	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	201054	132.70	ng	0.00
7) Phenol-d6	7.20	99	268314	123.08	ng	0.00
23) Nitrobenzene-d5	9.16	82	135335	61.16	ng	-0.02
42) 2,4,6-Tribromophenol	16.13	330	168000	106.37	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	365761	60.90	ng	-0.01
79) Terphenyl-d14	19.99	244	735417	61.49	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.46	88	20488	34.700	ng	# 95
3) Pyridine	3.86	79	46799	31.421	ng	95
4) n-Nitrosodimethylamine	3.78	42	33521	44.602	ng	# 81
6) Aniline	7.33	93	73223	29.159	ng	94
8) 2-Chlorophenol	7.58	128	80648	48.219	ng	99
9) Benzaldehyde	7.14	77	33641	31.402	ng	93
10) Phenol	7.23	94	96434	48.411	ng	98
11) bis(2-Chloroethyl)ether	7.42	93	63364	41.143	ng	95
12) 1,3-Dichlorobenzene	7.88	146	83804	39.992	ng	97
13) 1,4-Dichlorobenzene	8.03	146	86175	40.645	ng	98
14) 1,2-Dichlorobenzene	8.35	146	85407	41.257	ng	98
15) Benzyl Alcohol	8.25	79	69986	45.714	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.52	45	89779	40.090	ng	98
17) 2-Methylphenol	8.47	107	69842	48.095	ng	98
18) Hexachloroethane	9.08	117	29281	38.279	ng	94
19) n-Nitroso-di-n-propylamine	8.80	70	58368	41.436	ng	91
20) 3+4-Methylphenols	8.80	107	91235	45.817	ng	92
22) Acetophenone	8.82	105	117403	40.184	ng	# 93
24) Nitrobenzene	9.20	77	88622	42.040	ng	# 97
25) Isophorone	9.72	82	162267	40.108	ng	98
26) 2-Nitrophenol	9.92	139	45951	45.151	ng	93
27) 2,4-Dimethylphenol	9.99	122	73860	50.635	ng	98
28) bis(2-Chloroethoxy)methane	10.20	93	90163	40.379	ng	# 97
29) 2,4-Dichlorophenol	10.47	162	87129	46.619	ng	96
30) 1,2,4-Trichlorobenzene	10.66	180	94376	40.065	ng	97
31) Naphthalene	10.85	128	247348	42.713	ng	99
32) Benzoic acid	10.18	122	38441	37.056	ng	92
33) 4-Chloroaniline	10.97	127	55901	23.550	ng	97
34) Hexachlorobutadiene	11.14	225	66397	38.131	ng	96
35) Caprolactam	11.74	113	26762m	41.577	ng	
36) 4-Chloro-3-methylphenol	12.12	107	88371	43.348	ng	100
37) 2-Methylnaphthalene	12.46	142	190871	42.957	ng	96
38) 1-Methylnaphthalene	12.68	142	175661	41.551	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	121357	39.512	ng	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	88501	54.853	ng	98
43) 2,4,6-Trichlorophenol	13.08	196	76916	42.524	ng	96
44) 2,4,5-Trichlorophenol	13.16	196	80621	44.088	ng	98
46) 1,1'-Biphenyl	13.46	154	250824	39.728	ng	98
47) 2-Chloronaphthalene	13.51	162	196308	40.865	ng	99
48) 2-Nitroaniline	13.72	65	59914	41.730	ng	96
49) Acenaphthylene	14.35	152	319853	42.781	ng	99
50) Dimethylphthalate	14.08	163	256197	39.855	ng	100
51) 2,6-Dinitrotoluene	14.20	165	58351	41.783	ng	97
52) Acenaphthene	14.69	154	185951	40.784	ng	96
53) 3-Nitroaniline	14.55	138	41453	30.744	ng	90
54) 2,4-Dinitrophenol	14.75	184	56388	66.057	ng	98
55) Dibenzofuran	15.03	168	308933	41.783	ng	99
56) 4-Nitrophenol	14.90	139	81828	90.562	ng	90
57) 2,4-Dinitrotoluene	15.00	165	83039	41.607	ng	97
58) Fluorene	15.67	166	257325	41.495	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.27	232	79669	41.006	ng	95
60) Diethylphthalate	15.44	149	252513	39.094	ng	98
61) 4-Chlorophenyl-phenylether	15.67	204	147494	40.770	ng	96
62) 4-Nitroaniline	15.71	138	54840	39.383	ng	96
63) Azobenzene	15.96	77	216876	41.488	ng	96
65) 4,6-Dinitro-2-methylphenol	15.76	198	48236	41.294	ng	94
66) n-Nitrosodiphenylamine	15.89	169	229820	41.011	ng	97
67) 4-Bromophenyl-phenylether	16.56	248	103326	38.682	ng	98
68) Hexachlorobenzene	16.68	284	115478	37.662	ng	96
69) Atrazine	16.83	200	96132	49.369	ng	97
70) Pentachlorophenol	17.04	266	91598	65.561	ng	99
71) Phenanthrene	17.42	178	416076	40.936	ng	98
72) Anthracene	17.51	178	423476	41.643	ng	98
73) Carbazole	17.78	167	385968	41.912	ng	98
74) Di-n-butylphthalate	18.33	149	452507	40.497	ng	99
75) Fluoranthene	19.43	202	556157	41.972	ng	100
77) Benzidine	19.62	184	103027	22.815	ng	97
78) Pyrene	19.79	202	563433	40.568	ng	99
80) Butylbenzylphthalate	20.67	149	212453	40.376	ng	94
81) Benzo(a)anthracene	21.62	228	587427	41.795	ng	98
82) 3,3'-Dichlorobenzidine	21.54	252	195899	36.036	ng	100
83) Chrysene	21.69	228	565605	40.503	ng	98
84) Bis(2-ethylhexyl)phthalate	21.52	149	312501	41.809	ng	98
85) Di-n-octyl phthalate	22.71	149	544225	42.916	ng	99
86) Indeno(1,2,3-cd)pyrene	28.45	276	738080	42.106	ng	100
88) Benzo(b)fluoranthene	23.82	252	612296	48.300	ng	99
89) Benzo(k)fluoranthene	23.88	252	631906	49.514	ng	99
90) Benzo(a)pyrene	24.67	252	569900	47.077	ng	100
91) Dibenzo(a,h)anthracene	28.51	278	629776	50.861	ng	98
92) Benzo(g,h,i)perylene	29.58	276	620105	50.770	ng	98

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



#1

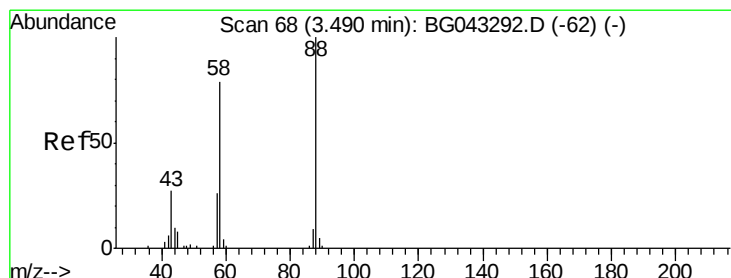
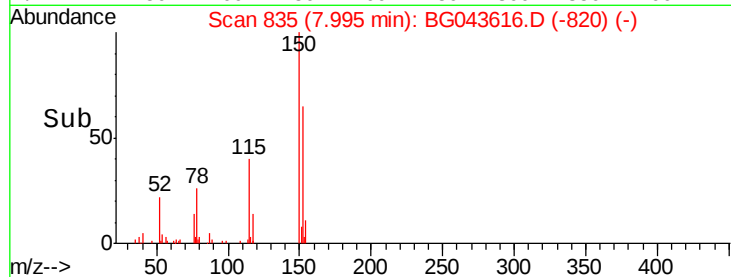
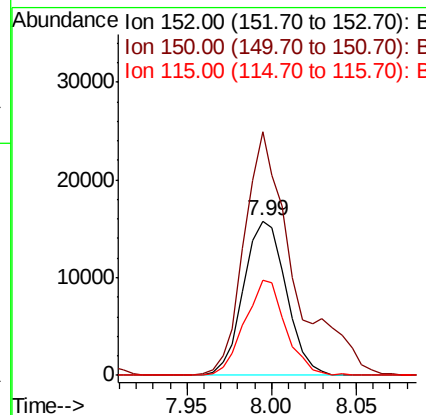
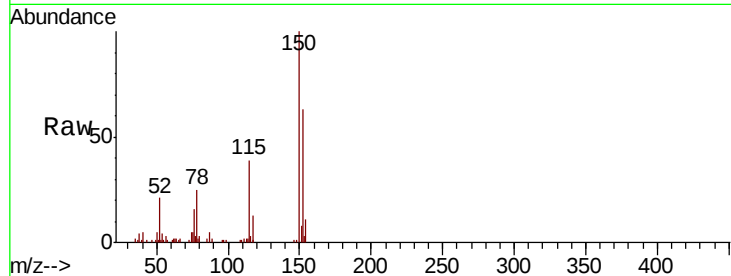
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG043616.D
Acq: 13 Nov 2019 17:23

Instrument :
BNA_G
ClientSampleId :
PB124701BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	129.4	194.0
115	61.6	48.8	73.2

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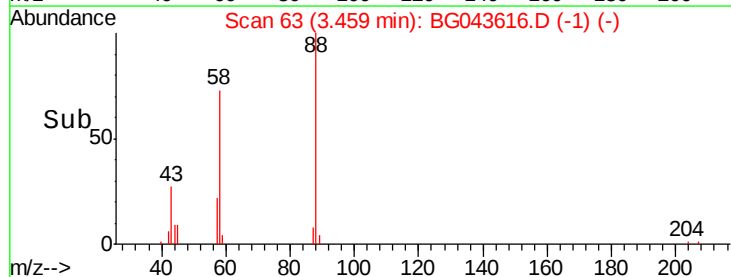
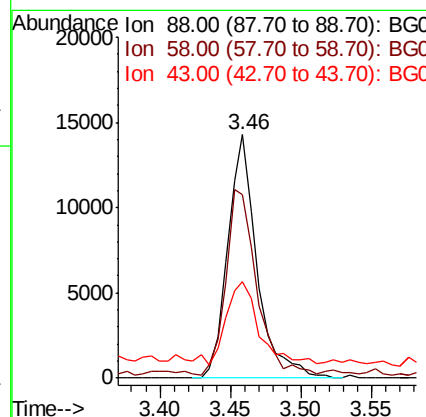
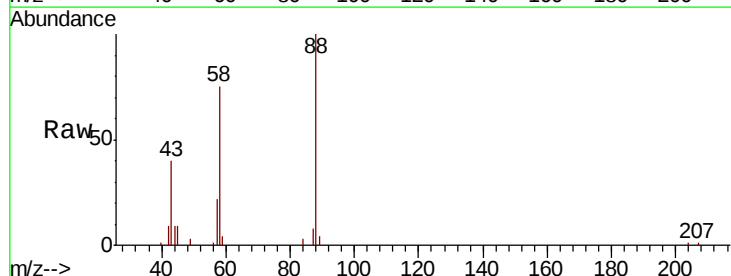
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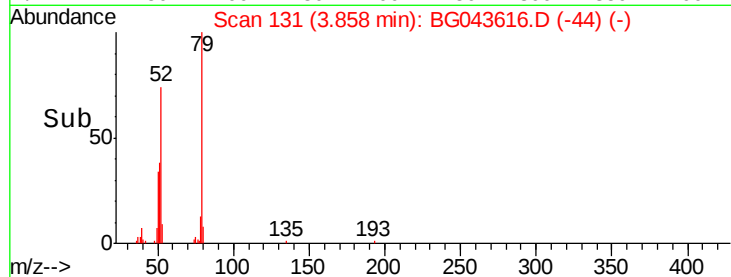
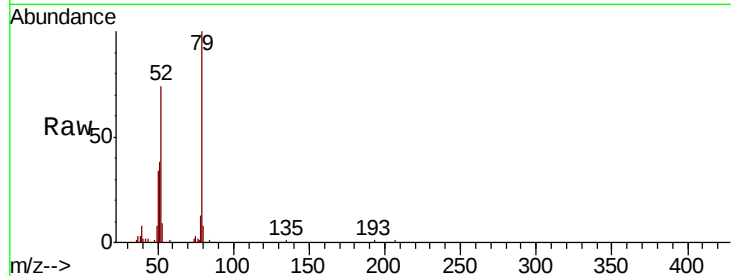


#2

1,4-Dioxane
Concen: 34.700 ng
RT: 3.46 min Scan# 63
Delta R.T. -0.01 min
Lab File: BG043616.D
Acq: 13 Nov 2019 17:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.1	62.7	94.1
43	37.0	23.7	35.5





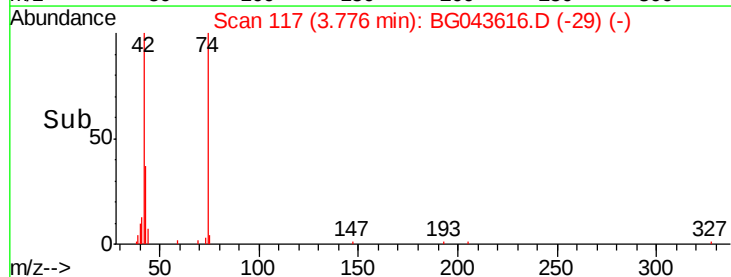
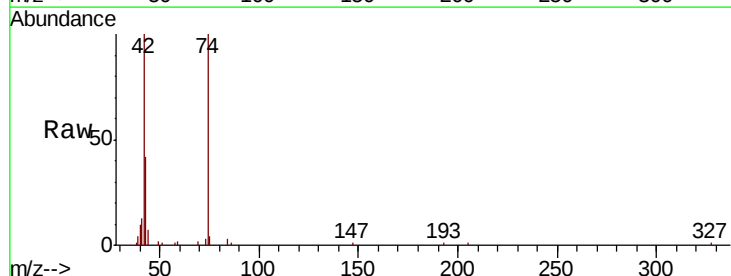
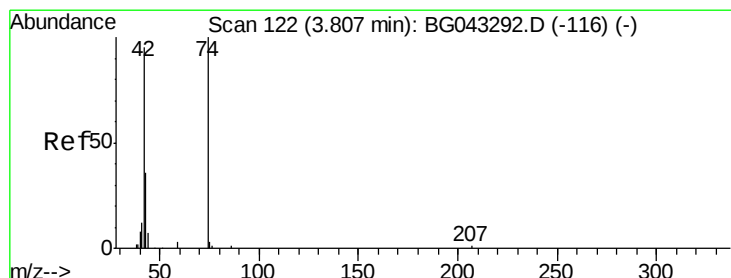
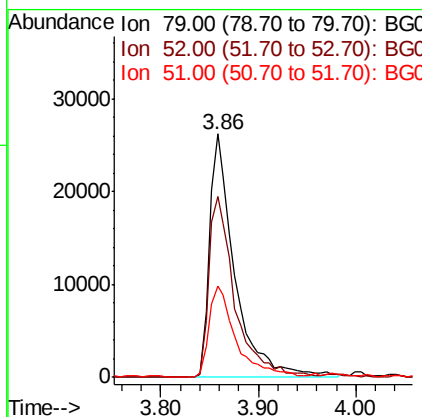
#3
 Pvridine
 Concen: 31.421 ng
 RT: 3.86 min Scan# 131
 Delta R.T. -0.02 min
 Lab File: BG043616.D
 Acq: 13 Nov 2019 17:23

Tot Ion:	79	Resp:	46799
Ion	Ratio	Lower	Upper
79	100		
52	74.4	56.5	84.7
51	37.6	33.2	49.8

Instrument :
 BNA_G
 ClientSampleId :
 PB124701BS

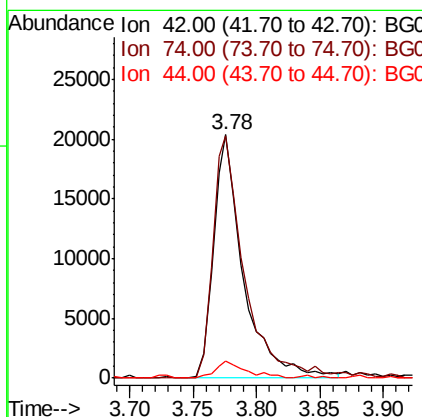
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#4
 n-Nitrosodimethylamine
 Concen: 44.602 ng
 RT: 3.78 min Scan# 117
 Delta R.T. -0.01 min
 Lab File: BG043616.D
 Acq: 13 Nov 2019 17:23

Tgt Ion:	42	Resp:	33521
Ion	Ratio	Lower	Upper
42	100		
74	99.7	97.3	145.9
44	7.0	4.4	6.6#





#5

2-Fluorophenol

Concen: 132.697 ng

RT: 5.60 min Scan# 427

Delta R.T. 0.00 min

Lab File: BG043616.D

Acq: 13 Nov 2019 17:23

Instrument :

BNA_G

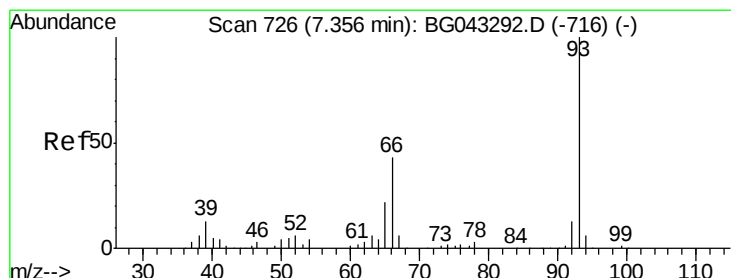
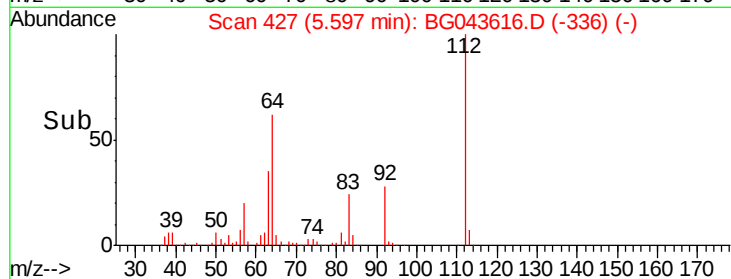
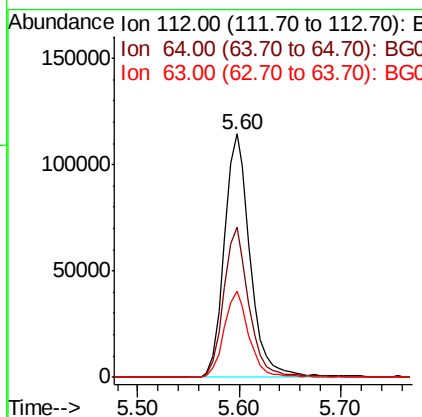
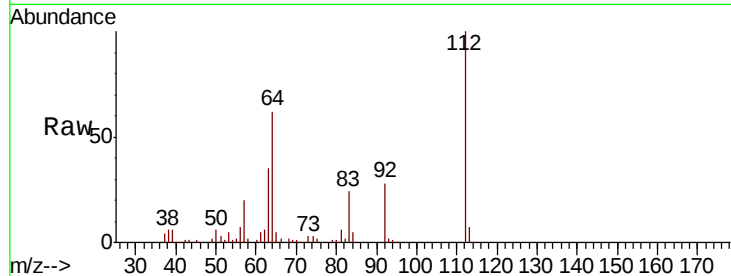
ClientSampleId :

PB124701BS

Tot Ion:	112	Resp:	201054
Ion Ratio	Lower	Upper	
112	100		
64	61.6	50.0	75.0
63	35.5	26.6	40.0

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#6

Aniline

Concen: 29.159 ng

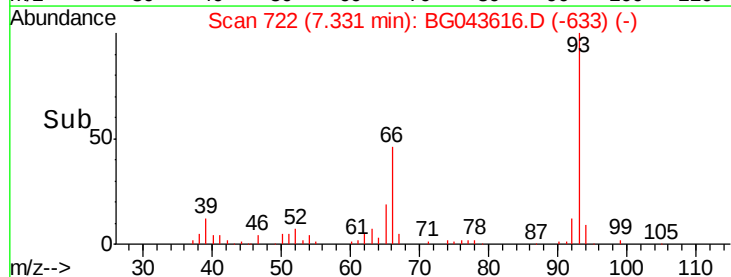
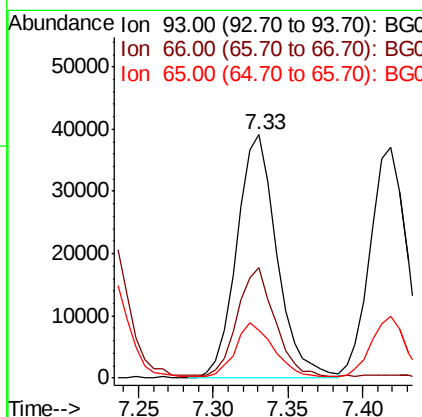
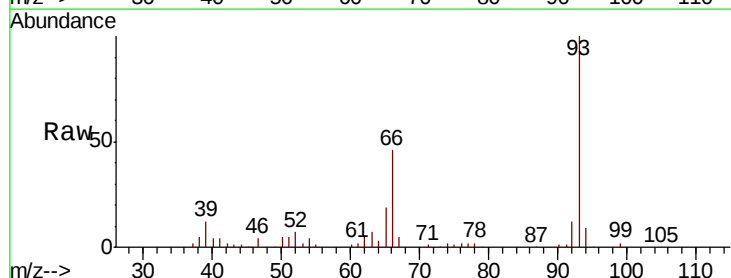
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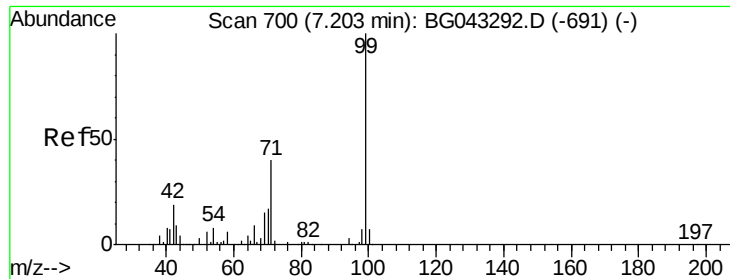
Delta R.T. -0.01 min

Lab File: BG043616.D

Acq: 13 Nov 2019 17:23

Tgt Ion:	93	Resp:	73223
Ion Ratio	Lower	Upper	
93	100		
66	45.5	32.3	48.5
65	19.4	16.1	24.1





#7

Phenol-d6

Concen: 123.084 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG043616.D

Acq: 13 Nov 2019 17:23

Instrument :

BNA_G

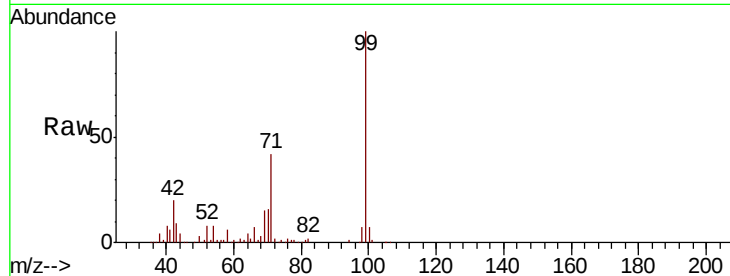
ClientSampleId :

PB124701BS

Tot Ion:	99	Resp:	268314
Ion Ratio	Lower	Upper	
99	100		
42	19.6	14.6	21.8
71	41.7	32.5	48.7

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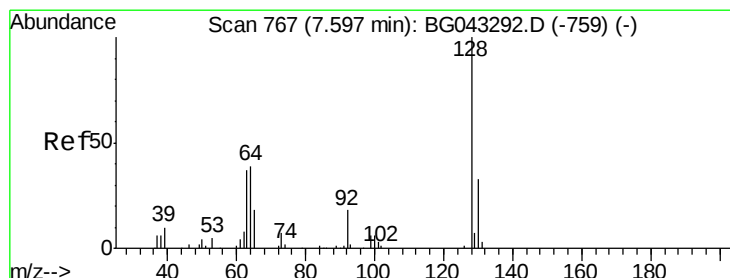
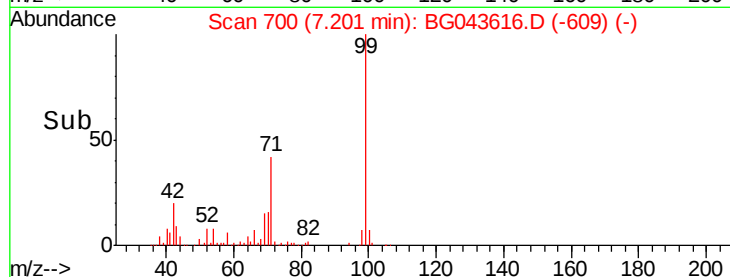
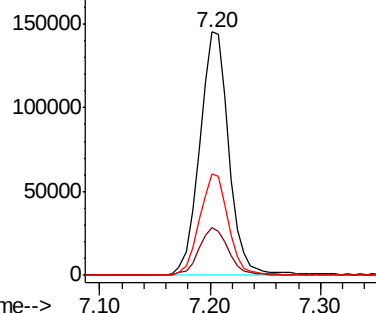


Abundance

Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 48.219 ng

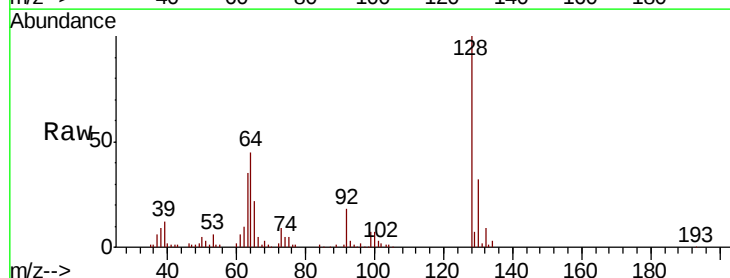
RT: 7.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BG043616.D

Acq: 13 Nov 2019 17:23

Tgt Ion:	128	Resp:	80648
Ion Ratio	Lower	Upper	
128	100		
130	31.5	12.5	52.5
64	44.7	25.3	65.3

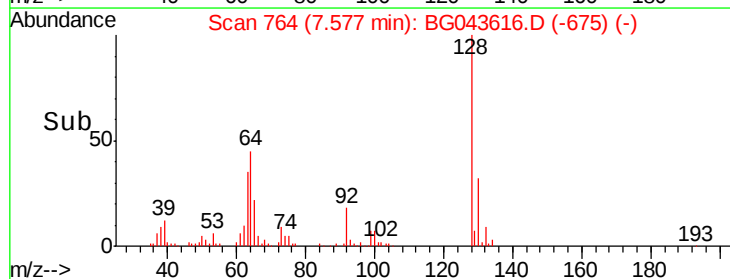
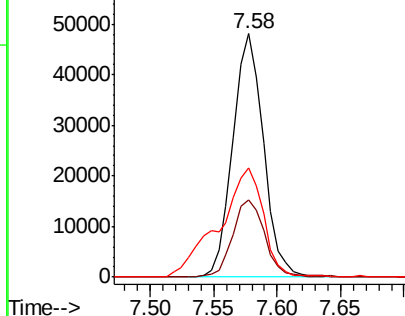


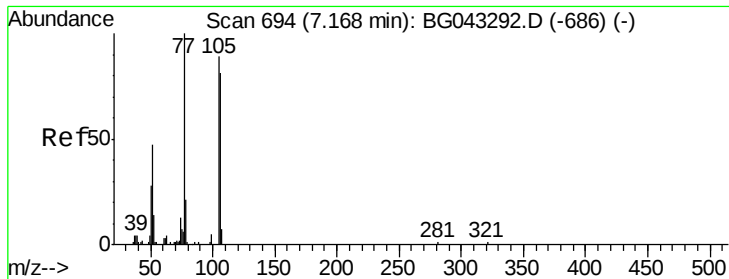
Abundance

Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 31.402 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG043616.D

Acq: 13 Nov 2019 17:23

Instrument :

BNA_G

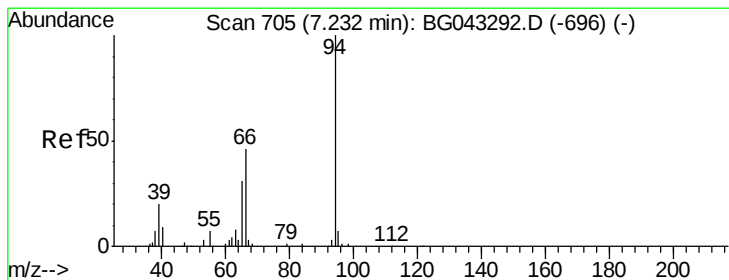
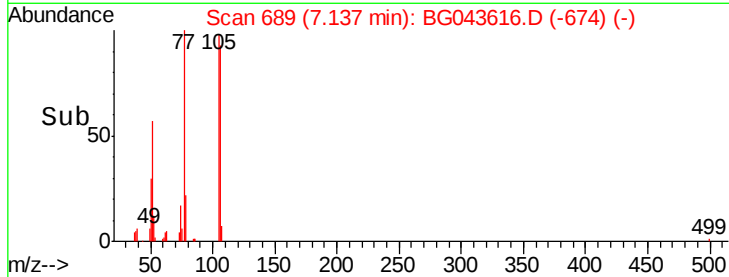
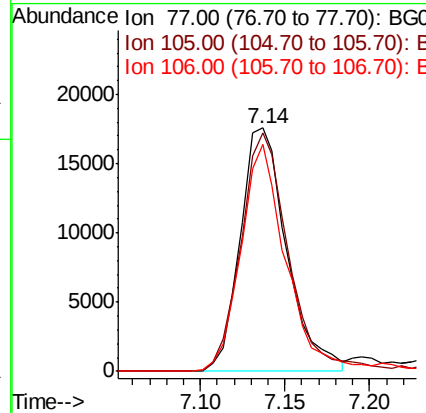
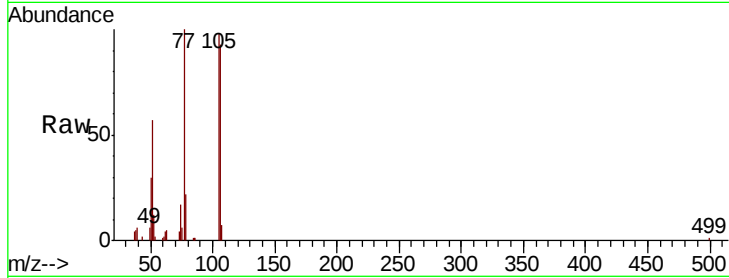
ClientSampleId :

PB124701BS

Tot Ion:	77	Resp:	33641
Ion	Ratio	Lower	Upper
77	100		
105	98.0	68.6	108.6
106	93.0	69.9	109.9

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#10

Phenol

Concen: 48.411 ng

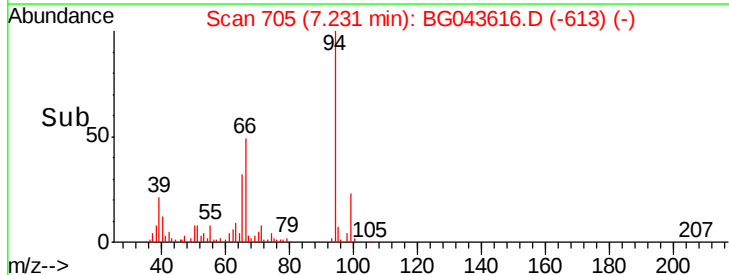
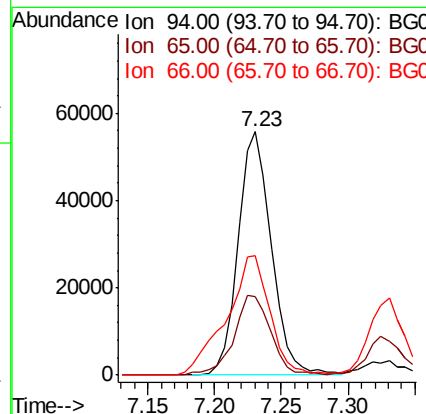
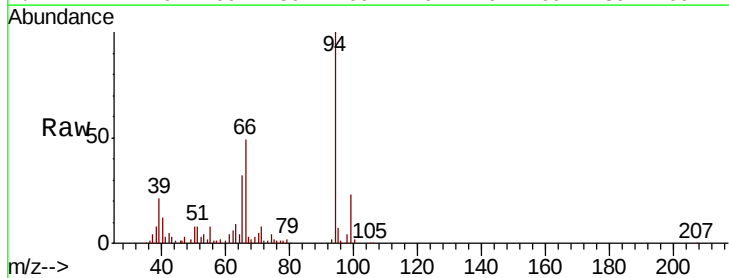
RT: 7.23 min Scan# 705

Delta R.T. 0.01 min

Lab File: BG043616.D

Acq: 13 Nov 2019 17:23

Tgt Ion:	94	Resp:	96434
Ion	Ratio	Lower	Upper
94	100		
65	32.3	12.6	52.6
66	48.9	30.7	70.7





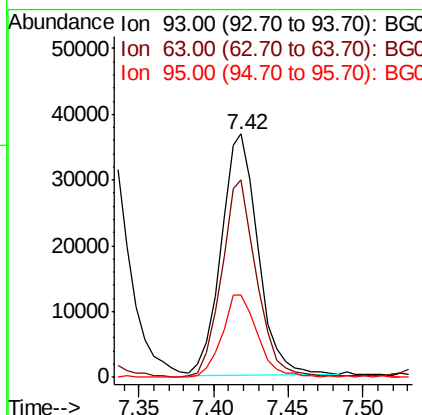
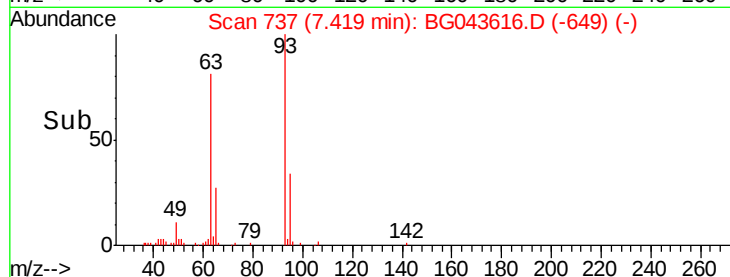
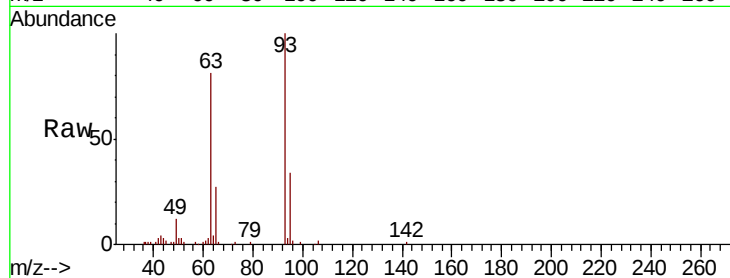
#11
bis(2-Chloroethyl)ether
Concen: 41.143 ng
RT: 7.42 min Scan# 737
Delta R.T. -0.01 min
Lab File: BG043616.D
Acq: 13 Nov 2019 17:23

Instrument :
BNA_G
ClientSampleId :
PB124701BS

Tot Ion:	93	Resp:	63364
Ion	Ratio	Lower	Upper
93	100		
63	81.0	56.3	96.3
95	33.6	12.2	52.2

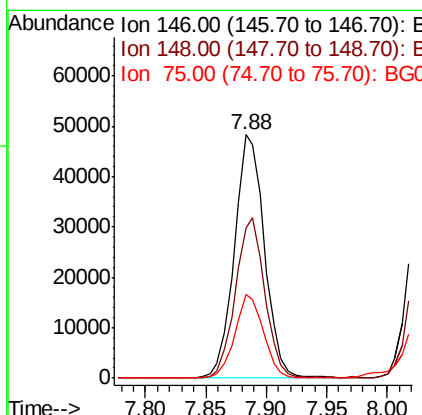
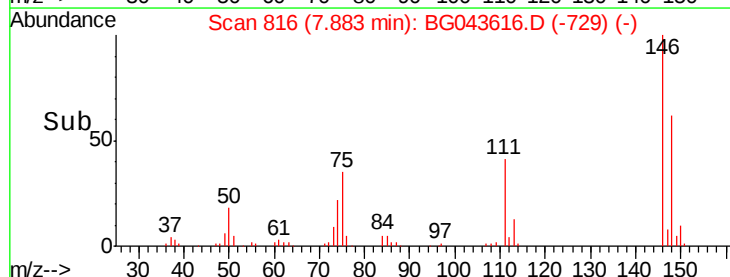
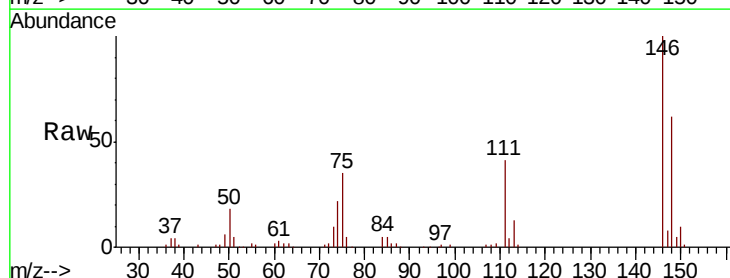
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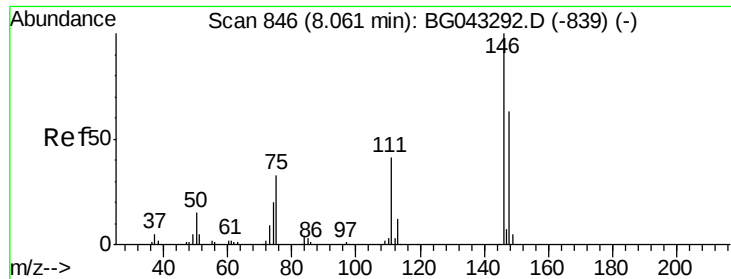
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#12
1,3-Dichlorobenzene
Concen: 39.992 ng
RT: 7.88 min Scan# 816
Delta R.T. -0.02 min
Lab File: BG043616.D
Acq: 13 Nov 2019 17:23

Tgt Ion:	146	Resp:	83804
Ion	Ratio	Lower	Upper
146	100		
148	61.6	50.3	75.5
75	34.5	24.6	37.0





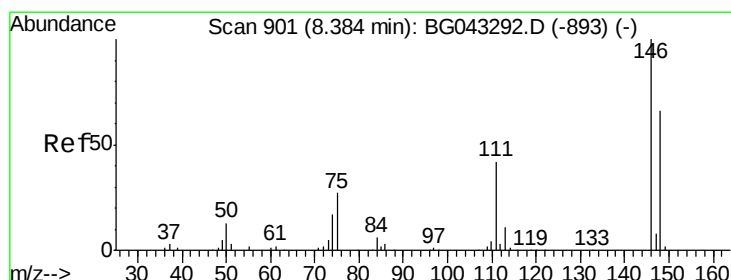
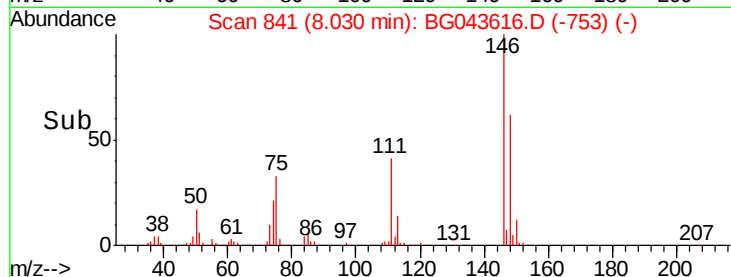
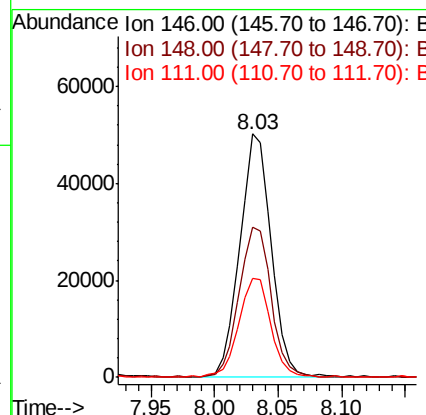
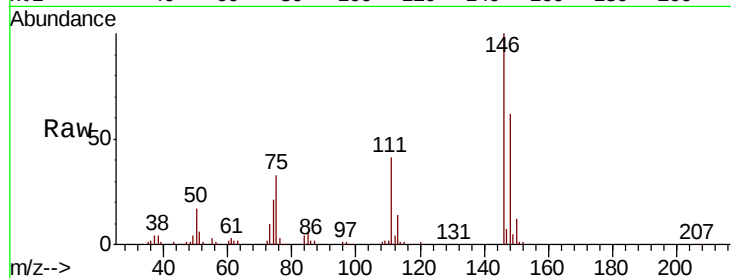
#13
1,4-Dichlorobenzene
Concen: 40.645 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.01 min
Lab File: BG043616.D
Acq: 13 Nov 2019 17:23

Instrument :
BNA_G
ClientSampleId :
PB124701BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.6	50.7	76.1
111	40.6	33.4	50.2

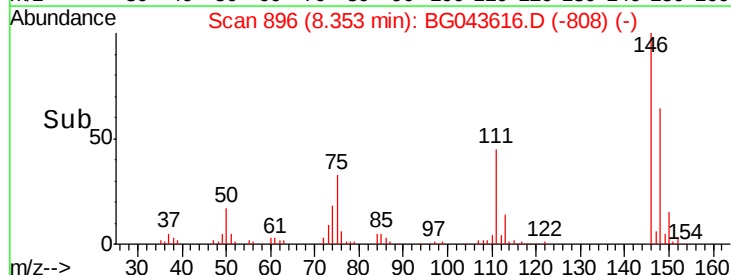
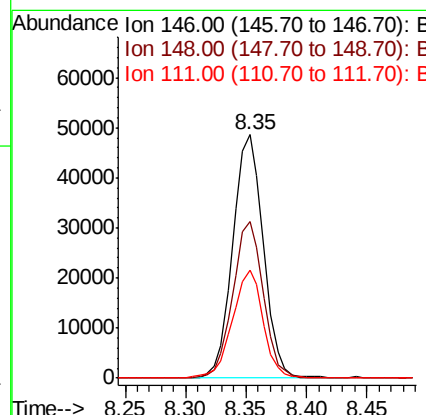
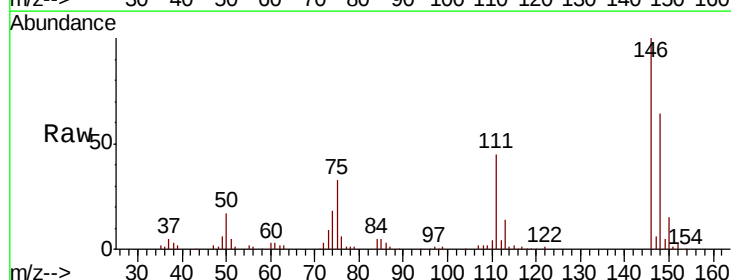
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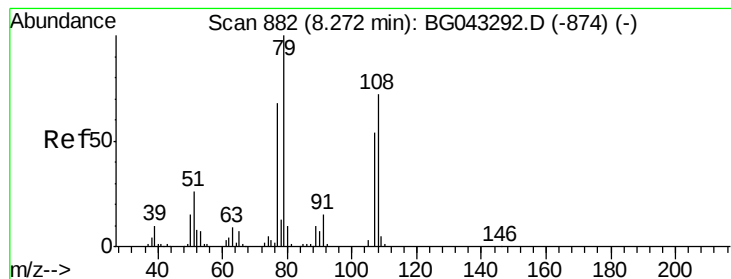
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#14
1,2-Dichlorobenzene
Concen: 41.257 ng
RT: 8.35 min Scan# 896
Delta R.T. -0.01 min
Lab File: BG043616.D
Acq: 13 Nov 2019 17:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	53.2	79.8
111	44.6	35.8	53.6





#15

Benzyl Alcohol

Concen: 45.714 ng

RT: 8.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BG043616.D

Acq: 13 Nov 2019 17:23

Instrument :

BNA_G

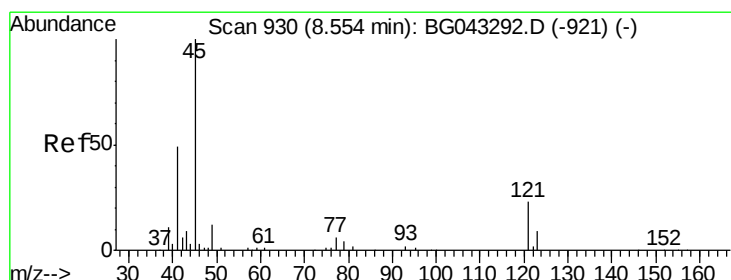
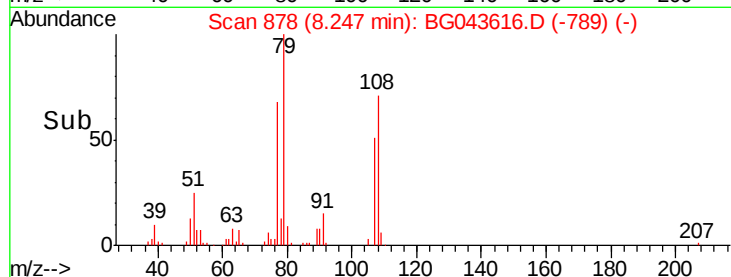
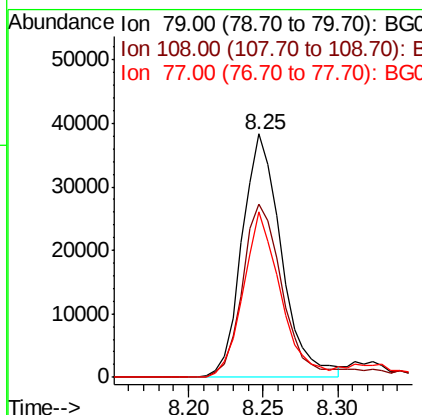
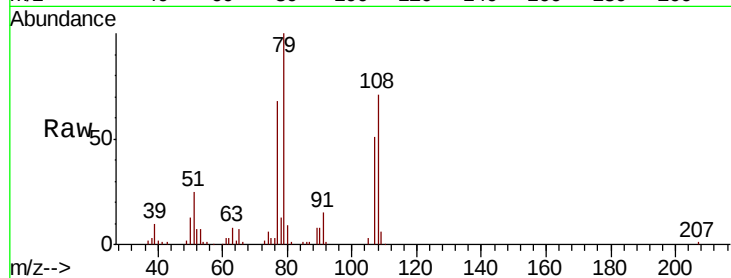
ClientSampleID :

PB124701BS

Tot Ion:	79	Resp:	69986
Ion	Ratio	Lower	Upper
79	100		
108	71.2	53.6	80.4
77	68.2	49.6	74.4

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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.090 ng

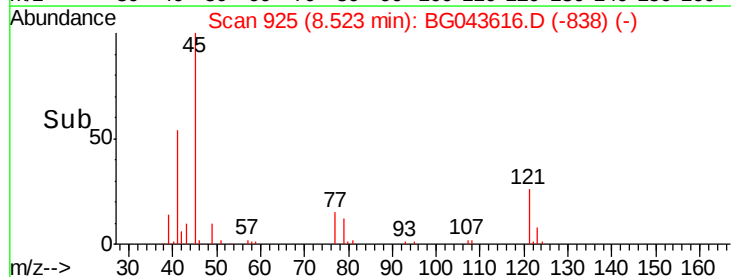
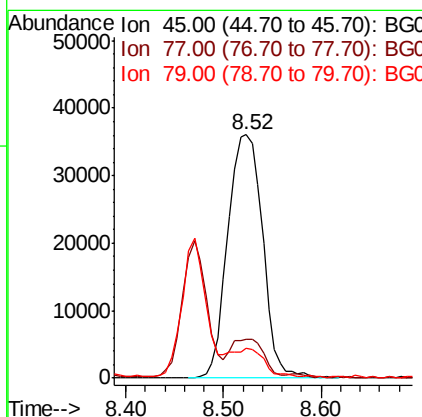
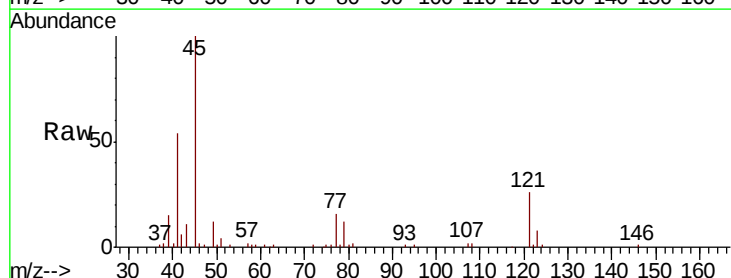
RT: 8.52 min Scan# 925

Delta R.T. -0.02 min

Lab File: BG043616.D

Acq: 13 Nov 2019 17:23

Tgt Ion:	45	Resp:	89779
Ion	Ratio	Lower	Upper
45	100		
77	16.0	0.0	34.9
79	12.4	0.0	33.0





#17

2-Methylphenol

Concen: 48.095 ng

RT: 8.47 min Scan# 916

Delta R.T. 0.00 min

Lab File: BG043616.D

Acq: 13 Nov 2019 17:23

Instrument :

BNA_G

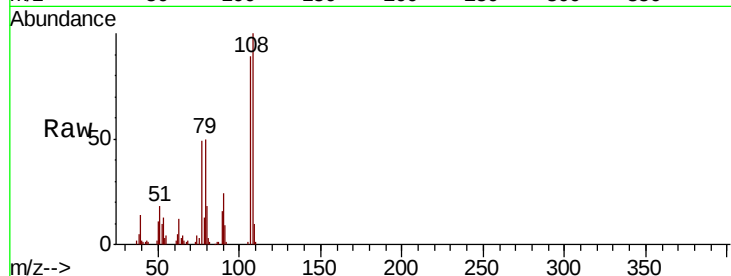
ClientSampleId :

PB124701BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.5	90.2	135.4	
77	55.3	40.2	60.2	
79	56.1	44.0	66.0	

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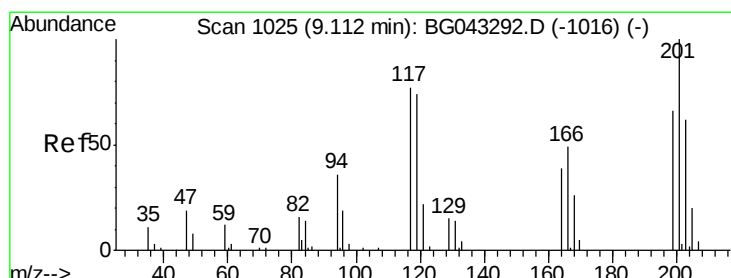
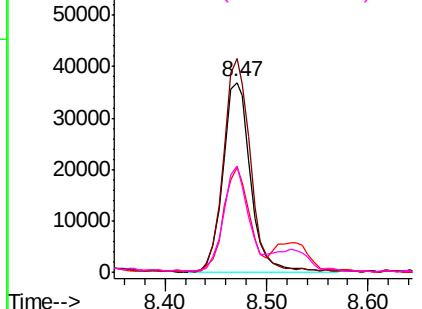
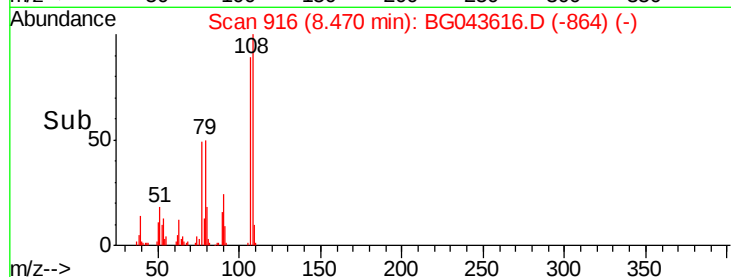
Abundance

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: 38.279 ng

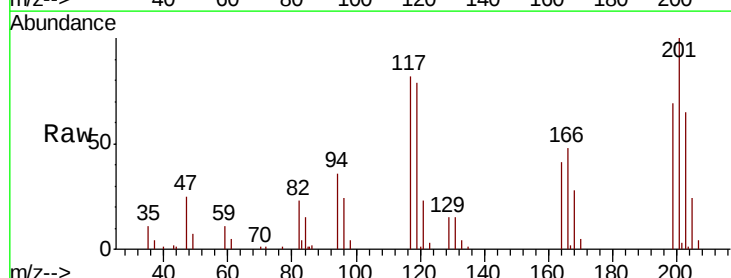
RT: 9.08 min Scan# 1019

Delta R.T. -0.02 min

Lab File: BG043616.D

Acq: 13 Nov 2019 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.4	79.0	118.4	
201	122.5	105.4	158.2	

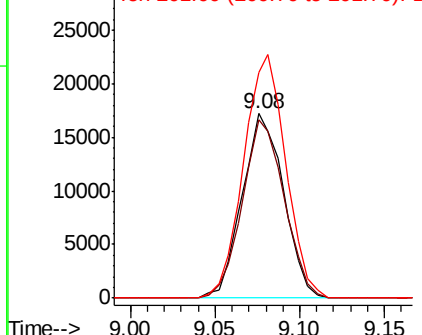
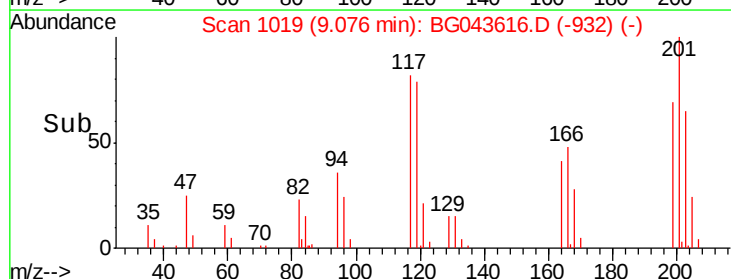


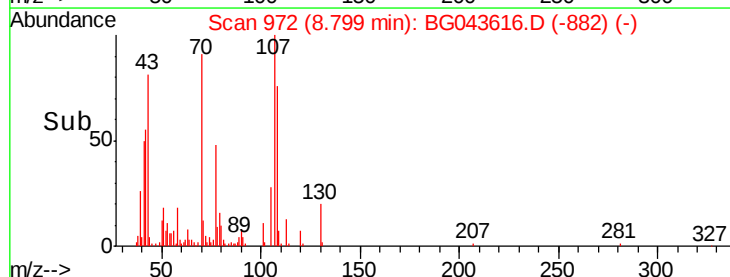
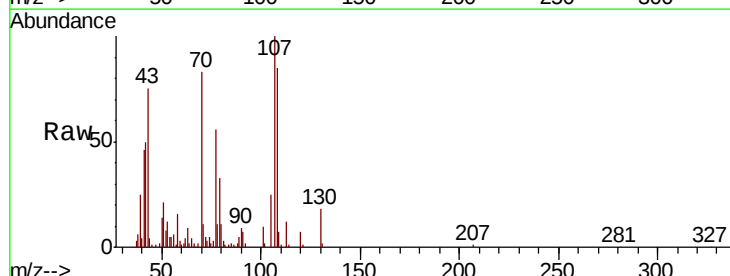
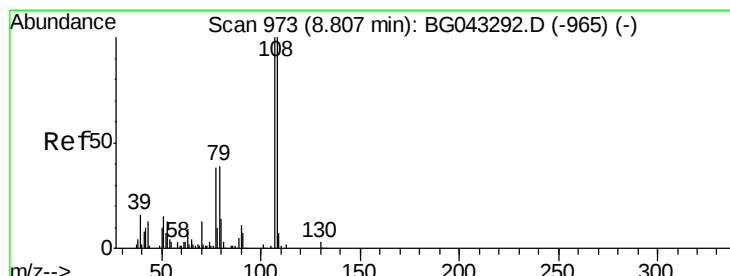
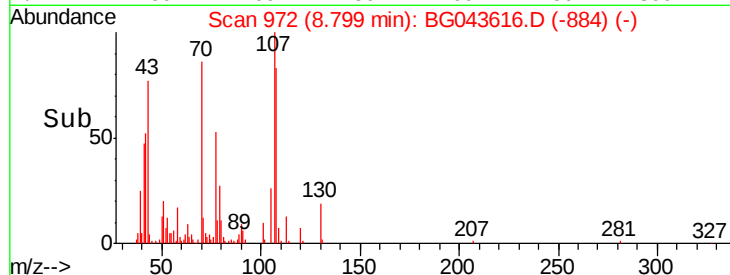
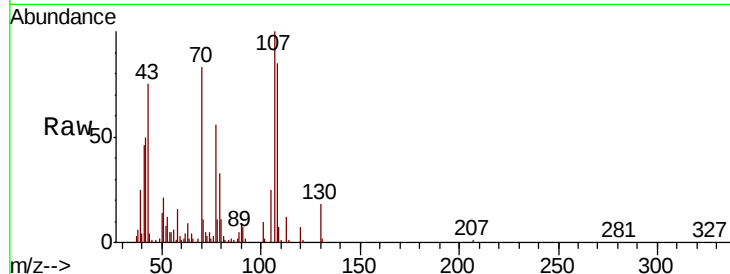
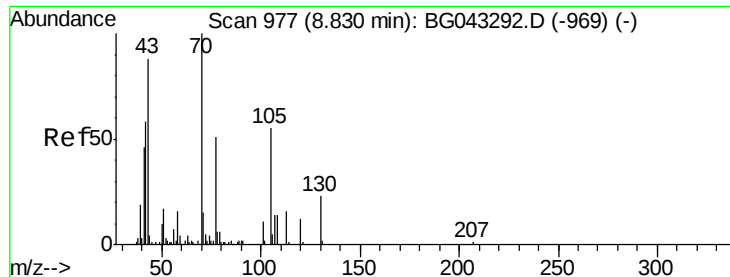
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

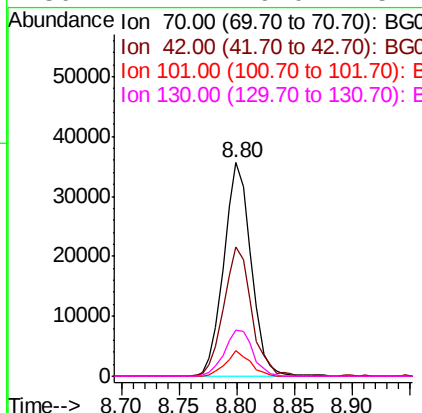
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 41.436 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.01 min
Lab File: BG043616.D
Acq: 13 Nov 2019 17:23

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	60.7	41.4	62.2	
101	11.8	7.9	11.9	
130	21.7	19.0	28.4	



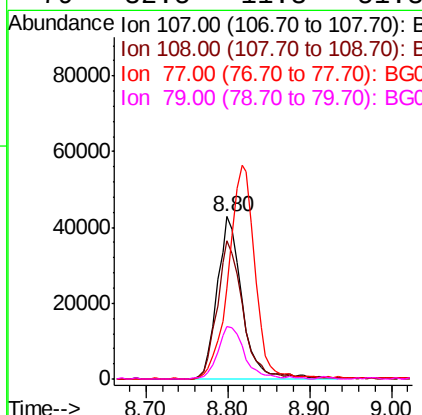
Instrument :
BNA_G
ClientSampleId :
PB124701BS

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#20
3+4-Methylphenols
Concen: 45.817 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.00 min
Lab File: BG043616.D
Acq: 13 Nov 2019 17:23

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	84.7	66.6	106.6	
77	56.0	20.9	60.9	
79	32.5	11.3	51.3	





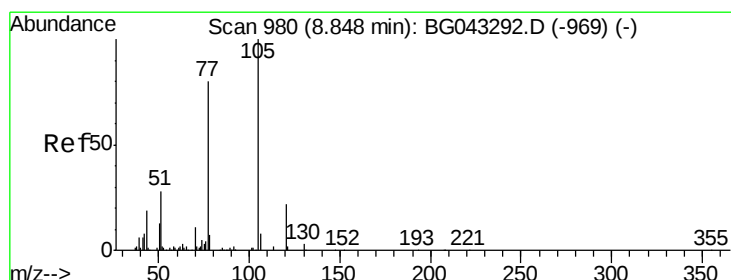
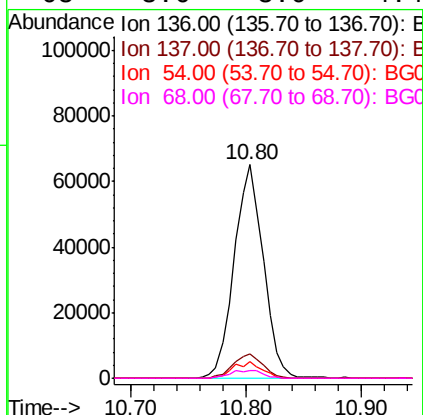
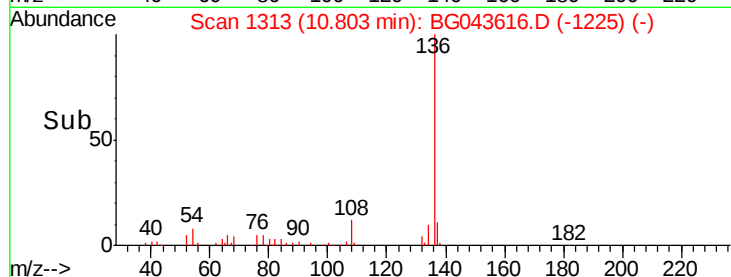
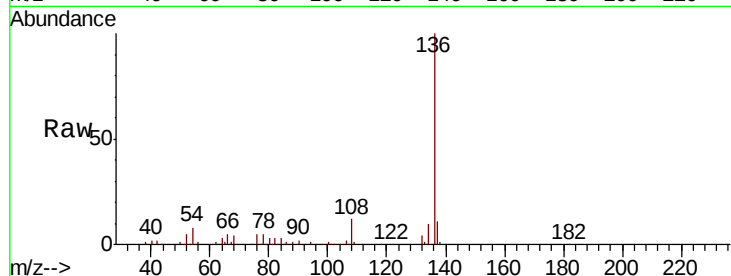
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BG043616.D
Acq: 13 Nov 2019 17:23

Instrument :
BNA_G
ClientSampleID :
PB124701BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	8.7	13.1	
54	7.6	5.4	8.2	
68	3.6	3.0	4.4	

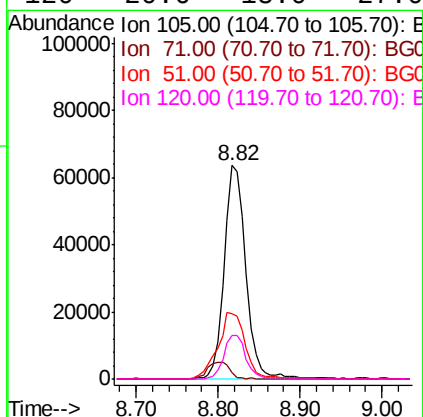
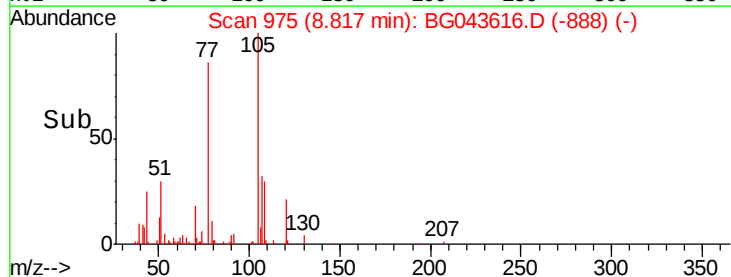
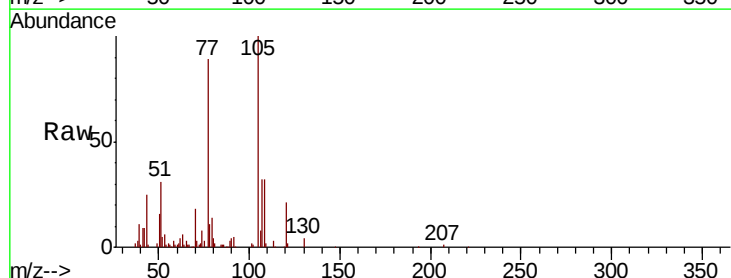
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#22
Acetophenone
Concen: 40.184 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.02 min
Lab File: BG043616.D
Acq: 13 Nov 2019 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	3.1	0.8	1.2#	
51	30.9	21.0	31.4	
120	20.6	18.0	27.0	





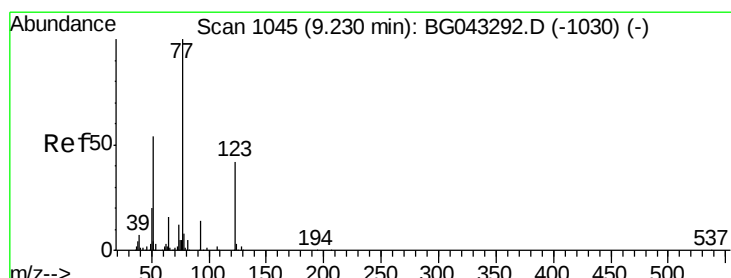
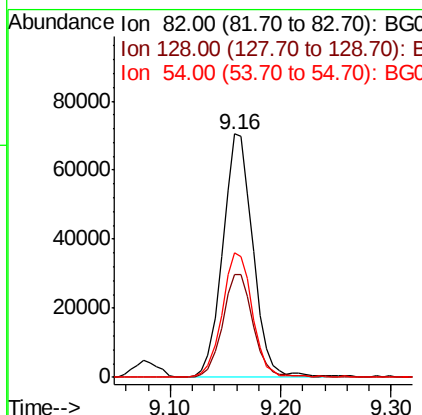
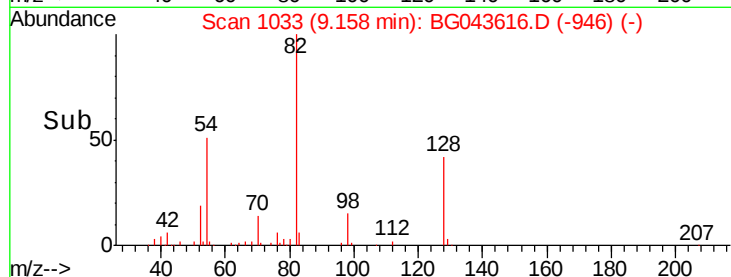
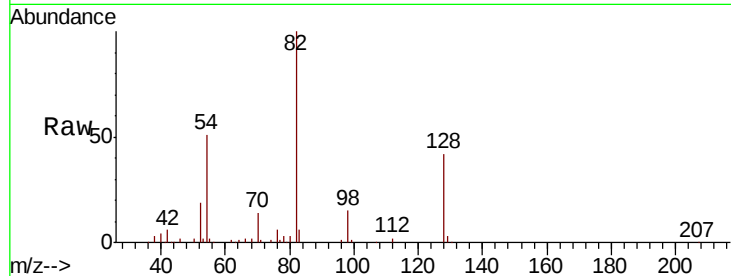
#23
Nitrobenzene-d5
Concen: 61.157 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BG043616.D
Acq: 13 Nov 2019 17:23

Instrument :
BNA_G
ClientSampleId :
PB124701BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.2	35.0	52.6
54	51.4	40.2	60.2

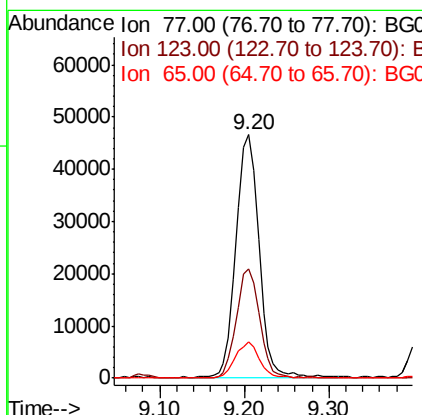
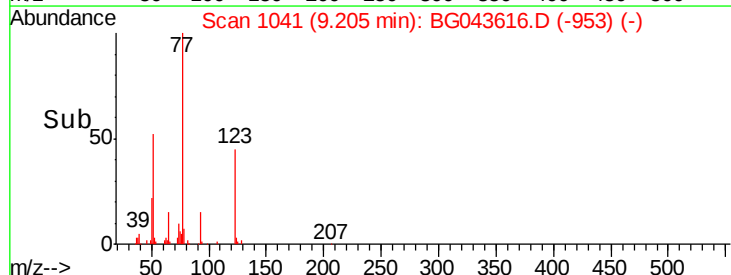
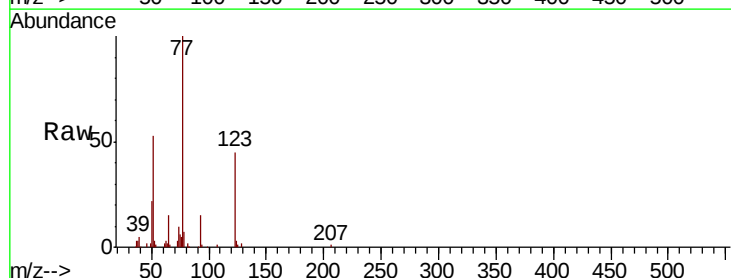
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#24
Nitrobenzene
Concen: 42.040 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG043616.D
Acq: 13 Nov 2019 17:23

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.8	35.0	52.6
65	15.0	9.5	14.3#





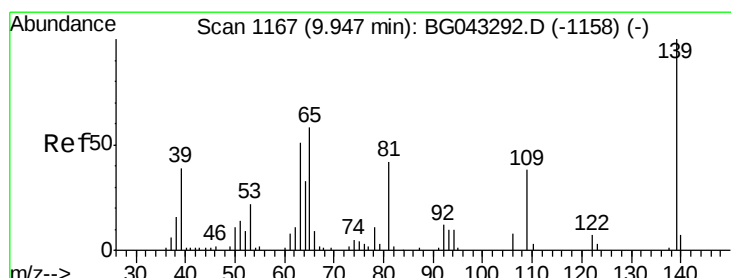
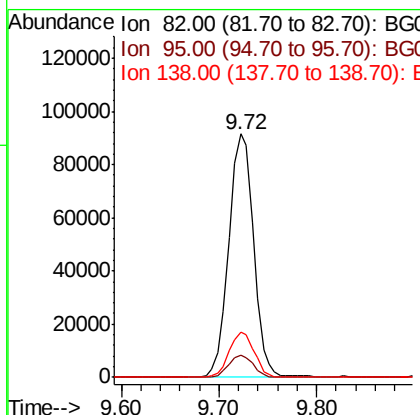
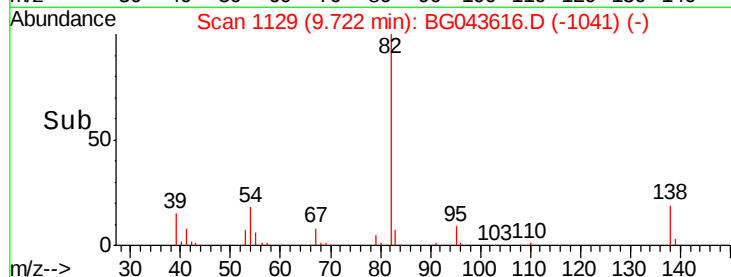
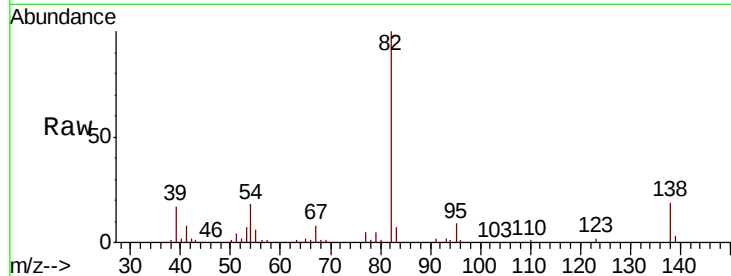
#25
Isophorone
Concen: 40.108 ng
RT: 9.72 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BG043616.D
Acq: 13 Nov 2019 17:23

Instrument :
BNA_G
ClientSampleId :
PB124701BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	162267		
95	9.1	6.6	9.8	
138	18.5	15.2	22.8	

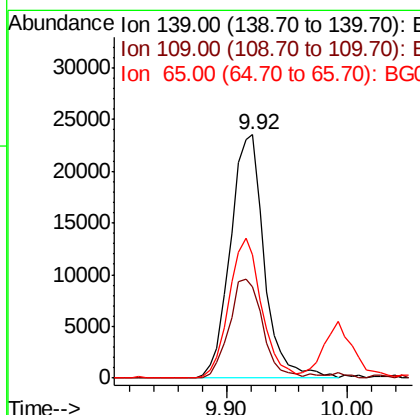
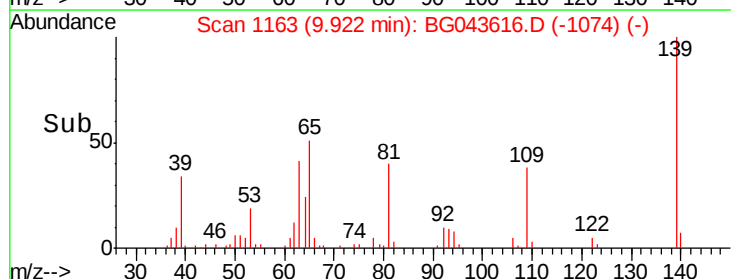
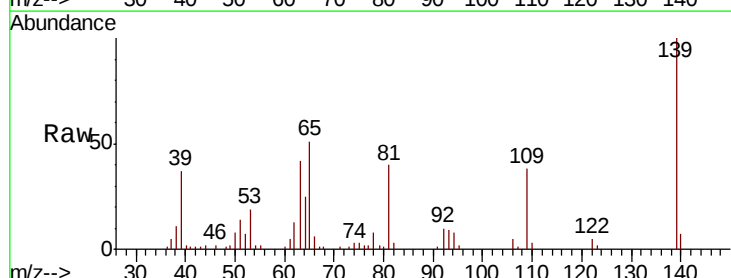
Manual Integrations
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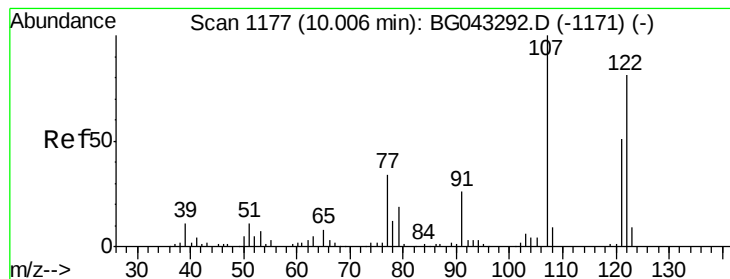
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#26
2-Nitrophenol
Concen: 45.151 ng
RT: 9.92 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BG043616.D
Acq: 13 Nov 2019 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	45951		
109	37.6	26.5	39.7	
65	50.6	43.8	65.8	





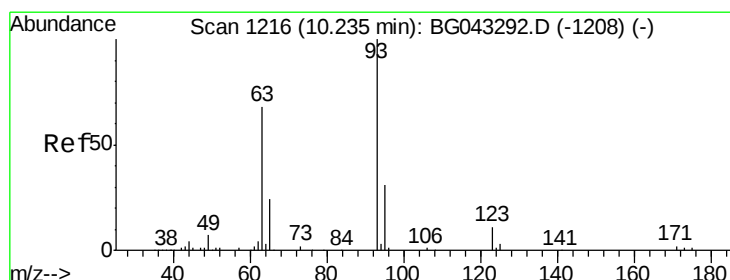
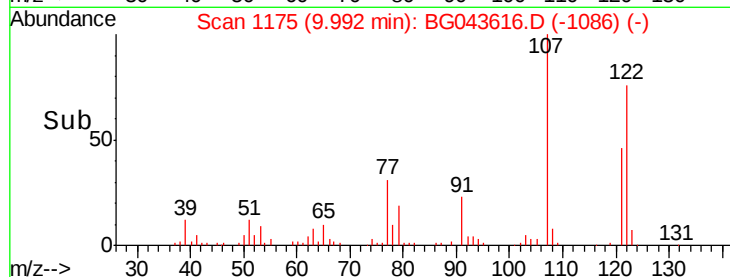
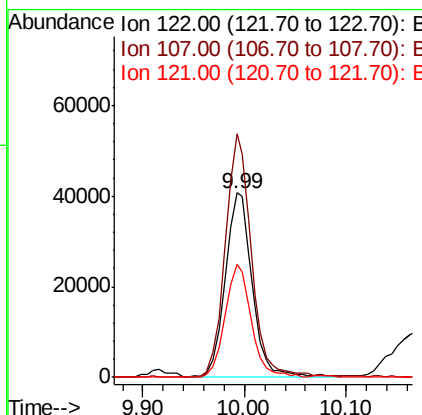
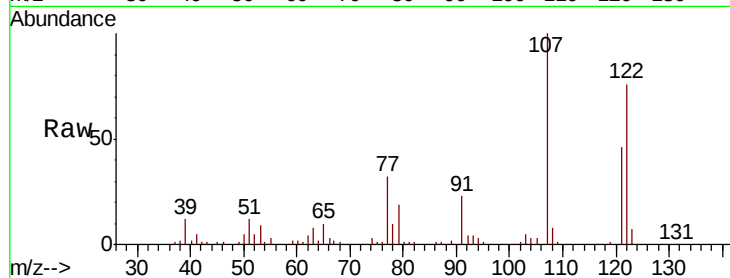
#27
 2,4-Dimethylphenol
 Concen: 50.635 ng
 RT: 9.99 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BG043616.D
 Acq: 13 Nov 2019 17:23

Instrument :
 BNA_G
 ClientSampleId :
 PB124701BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	131.9	104.4	156.6
121	61.2	47.2	70.8

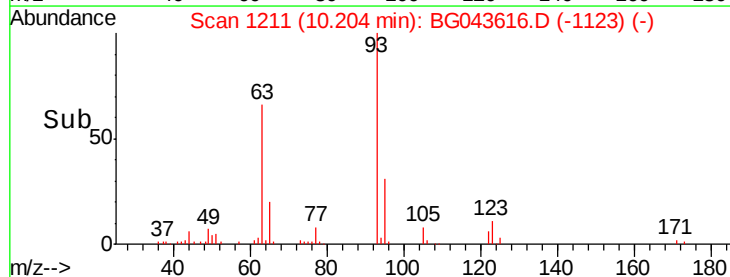
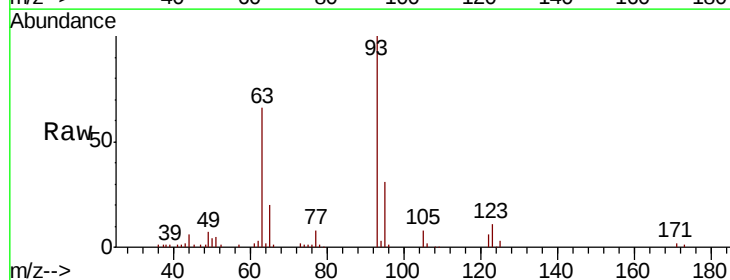
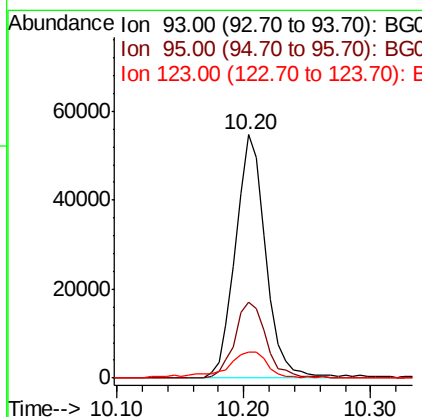
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#28
 bis(2-Chloroethoxy)methane
 Concen: 40.379 ng
 RT: 10.20 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BG043616.D
 Acq: 13 Nov 2019 17:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.3	26.0	39.0
123	10.6	10.6	15.8#





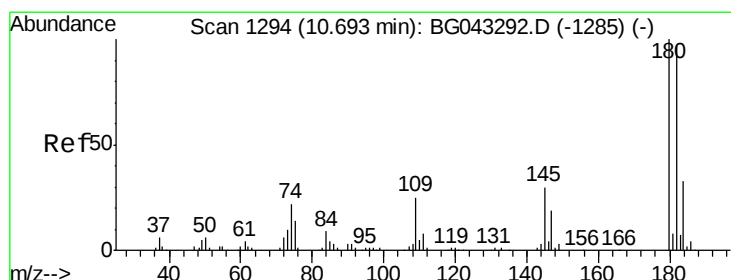
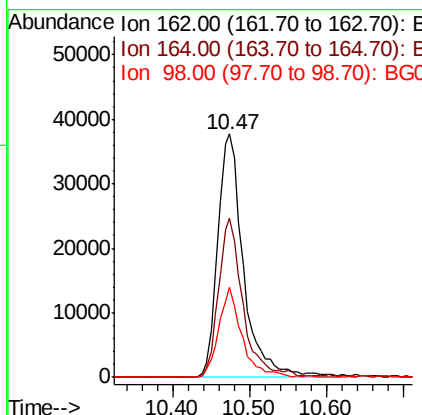
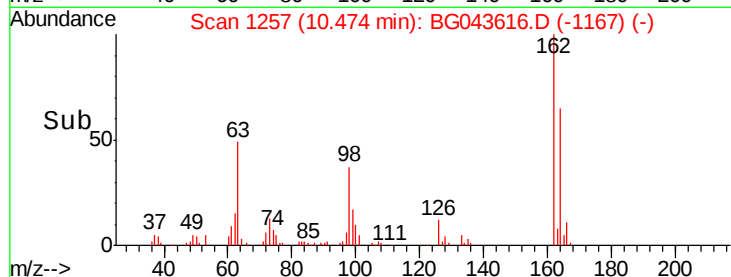
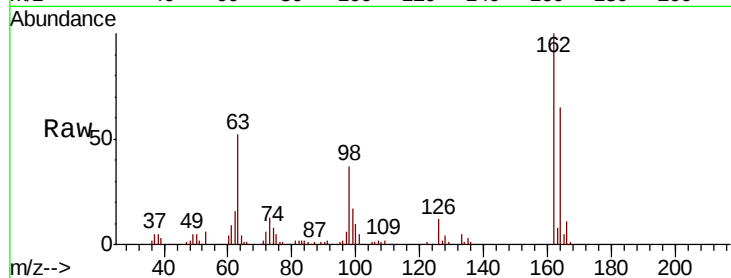
#29
2,4-Dichlorophenol
Concen: 46.619 ng
RT: 10.47 min Scan# 1257
Delta R.T. -0.00 min
Lab File: BG043616.D
Acq: 13 Nov 2019 17:23

Instrument :
BNA_G
ClientSampleID :
PB124701BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.4	48.9	88.9
98	36.8	15.1	55.1

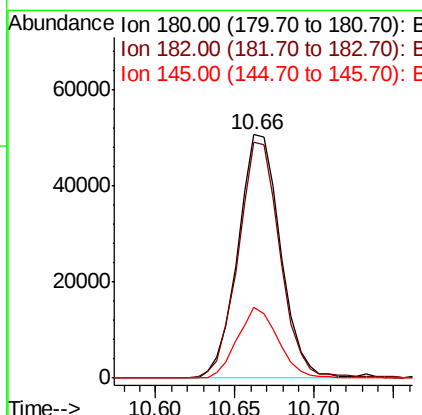
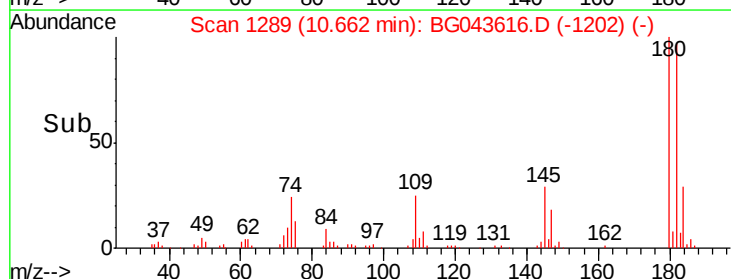
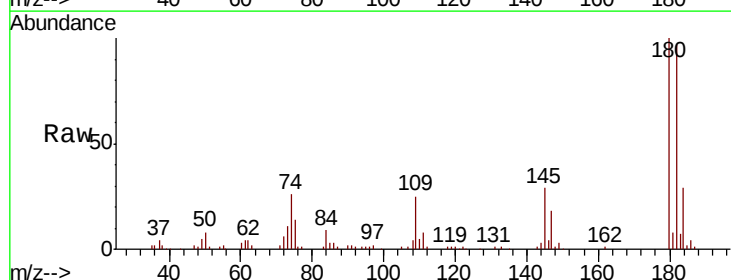
Manual Integrations
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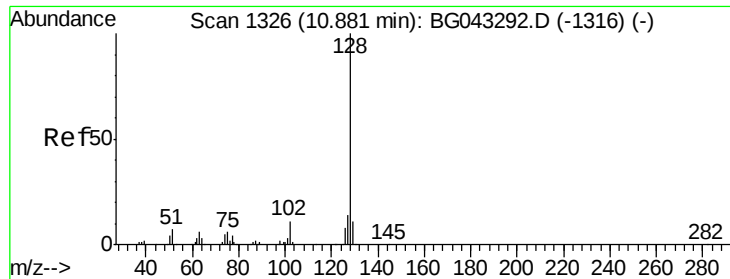
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#30
1,2,4-Trichlorobenzene
Concen: 40.065 ng
RT: 10.66 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BG043616.D
Acq: 13 Nov 2019 17:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	75.1	112.7
145	29.1	23.9	35.9





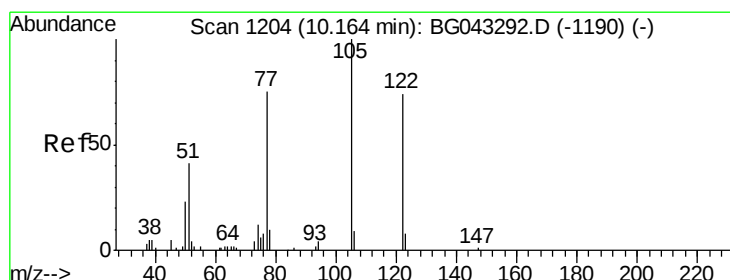
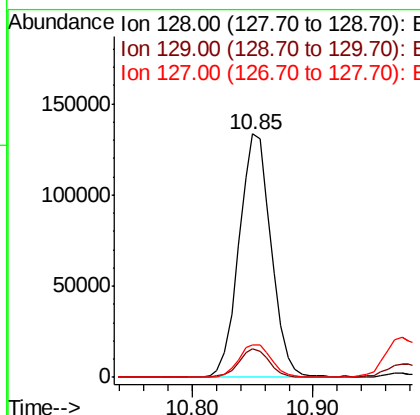
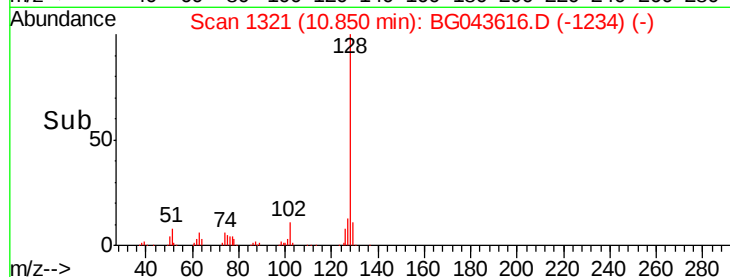
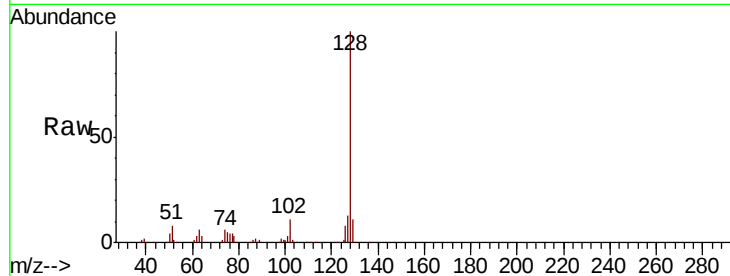
#31
Naphthalene
Concen: 42.713 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.02 min
Lab File: BG043616.D
Acq: 13 Nov 2019 17:23

Instrument :
BNA_G
ClientSampleId :
PB124701BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	247348		
129	11.5	9.4	14.0	
127	13.5	11.1	16.7	

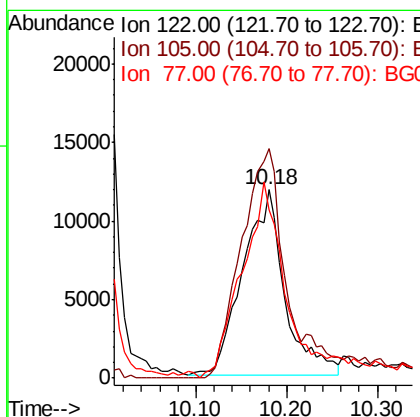
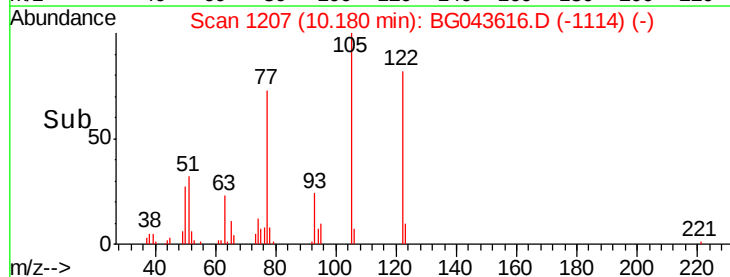
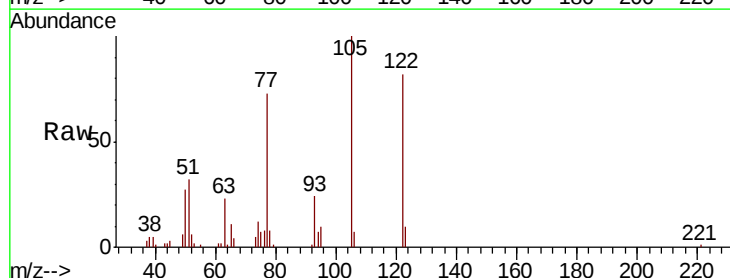
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#32
Benzoic acid
Concen: 37.056 ng
RT: 10.18 min Scan# 1207
Delta R.T. 0.02 min
Lab File: BG043616.D
Acq: 13 Nov 2019 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	38441		
105	121.7	103.3	143.3	
77	89.1	84.9	124.9	





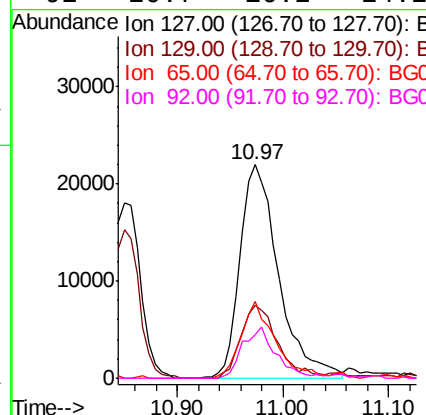
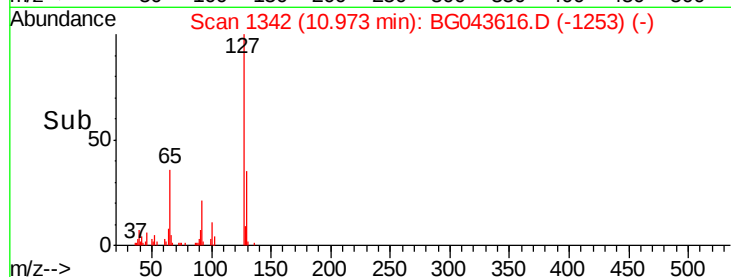
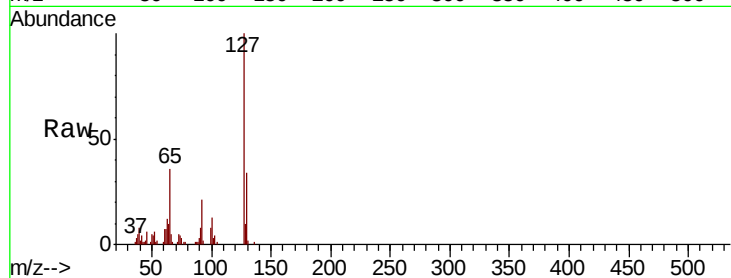
#33
4-Chloroaniline
Concen: 23.550 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BG043616.D
Acq: 13 Nov 2019 17:23

Instrument :
BNA_G
ClientSampleId :
PB124701BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	34.3	26.5	39.7
65	35.7	26.4	39.6
92	20.7	16.2	24.2

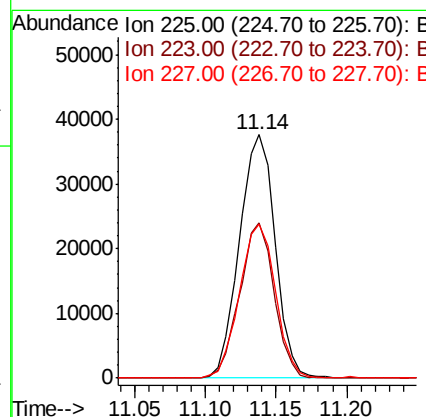
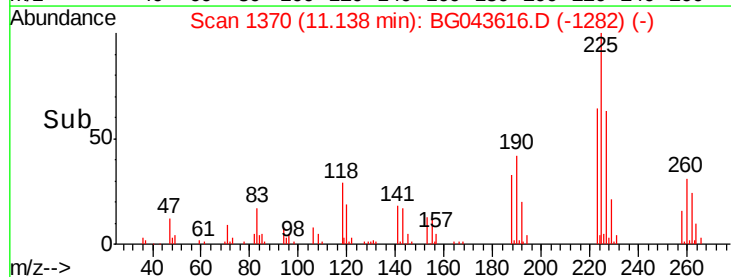
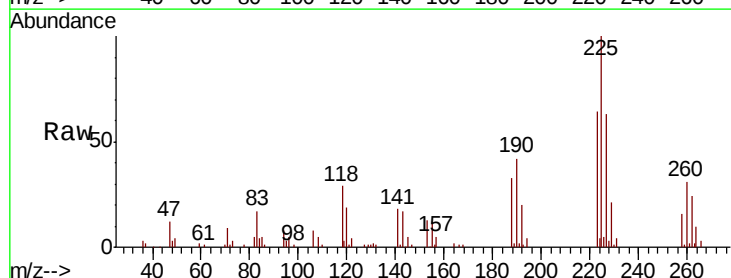
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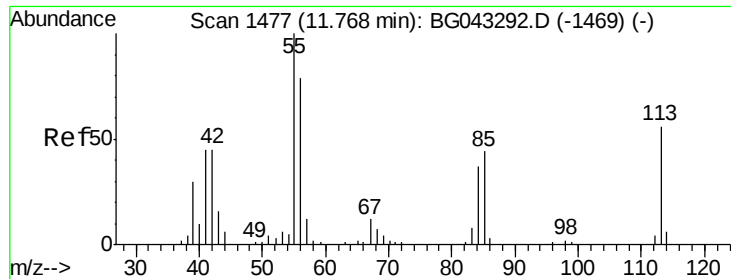
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#34
Hexachlorobutadiene
Concen: 38.131 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BG043616.D
Acq: 13 Nov 2019 17:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	52.7	79.1
227	63.3	54.8	82.2





#35

Caprolactam

Concen: 41.577 ng/mL

RT: 11.74 min Scan# 1473

Delta R.T. -0.01 min

Lab File: BG043616.D

Acq: 13 Nov 2019 17:23

Instrument :

BNA_G

ClientSampleId :

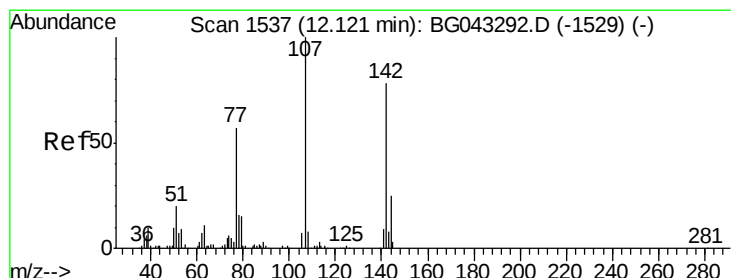
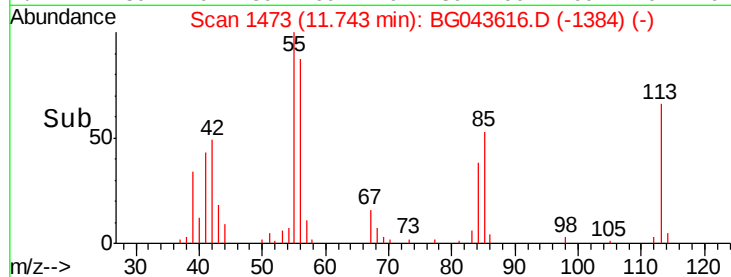
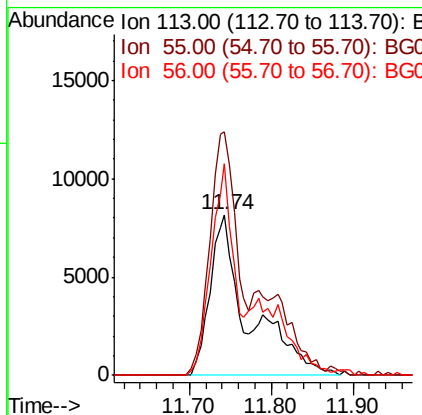
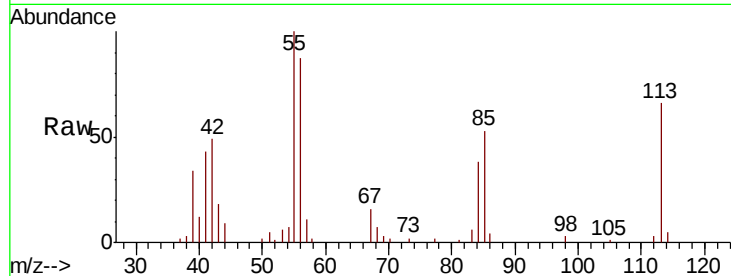
PB124701BS

Tot Ion:113 Resp: 26762

Ion	Ratio	Lower	Upper
113	100		
55	151.7	134.1	174.1
56	132.1	100.4	140.4

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 43.348 ng/mL

RT: 12.12 min Scan# 1537

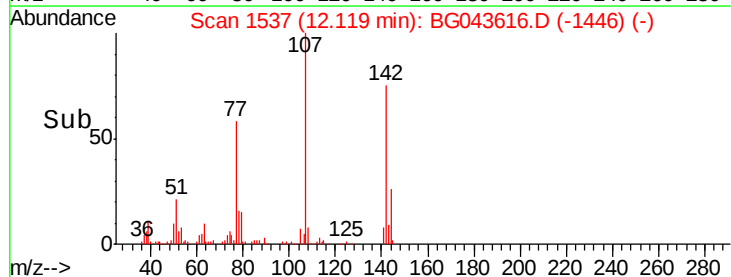
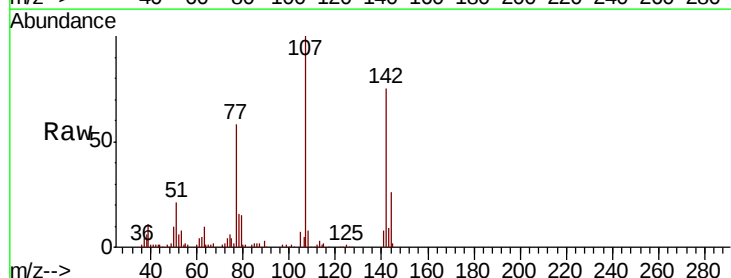
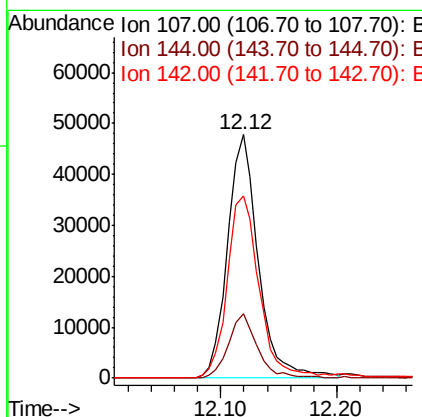
Delta R.T. 0.00 min

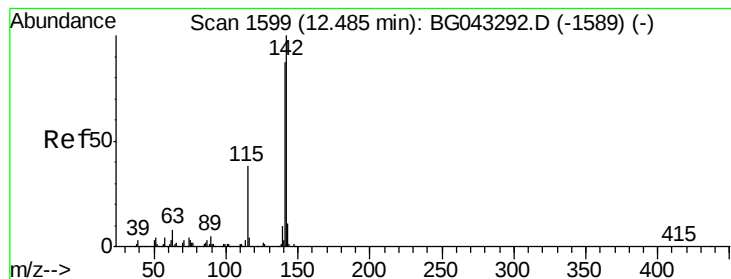
Lab File: BG043616.D

Acq: 13 Nov 2019 17:23

Tgt Ion:107 Resp: 88371

Ion	Ratio	Lower	Upper
107	100		
144	26.4	20.9	31.3
142	74.6	59.6	89.4





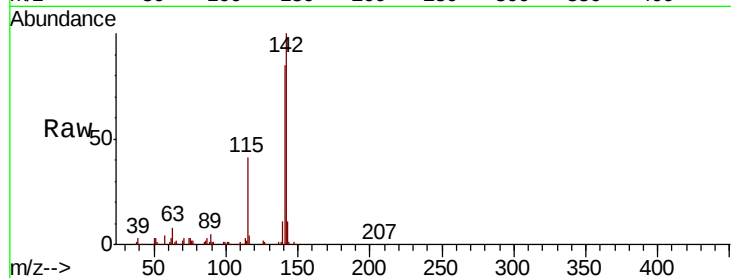
#37
 2-Methylnaphthalene
 Concen: 42.957 ng
 RT: 12.46 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BG043616.D
 Acq: 13 Nov 2019 17:23

Instrument :
 BNA_G
 ClientSampleId :
 PB124701BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	190871		
141	85.4	72.2	108.2	
115	40.7	33.2	49.8	

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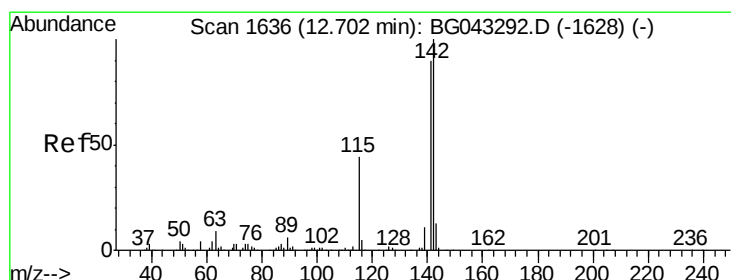
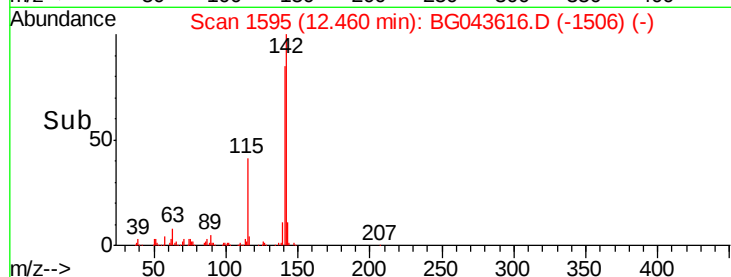
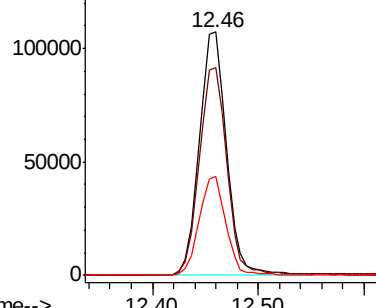


Abundance

Ion 142.00 (141.70 to 142.70): E

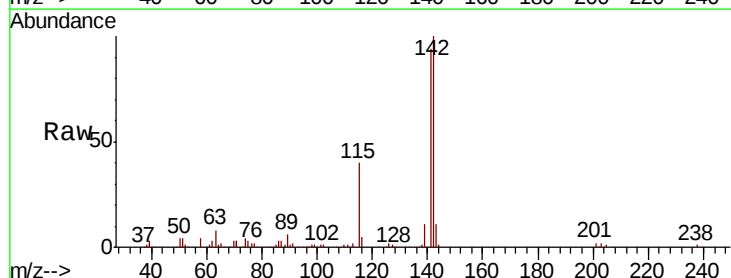
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 1-Methylnaphthalene
 Concen: 41.551 ng
 RT: 12.68 min Scan# 1632
 Delta R.T. -0.01 min
 Lab File: BG043616.D
 Acq: 13 Nov 2019 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	175661		
141	93.9	73.2	109.8	
116	4.5	3.6	5.4	

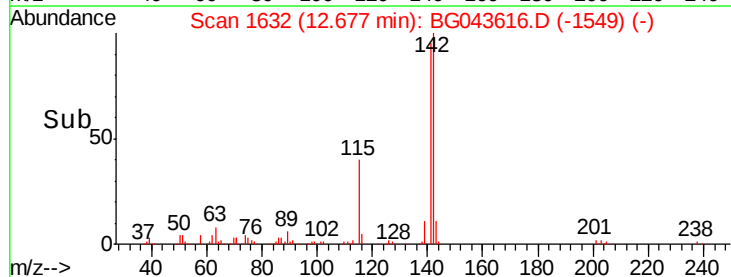
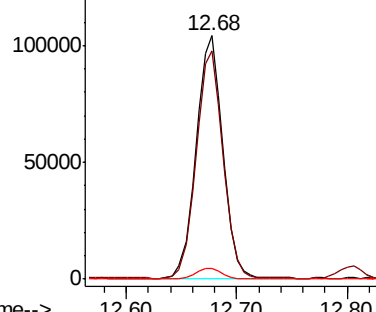


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





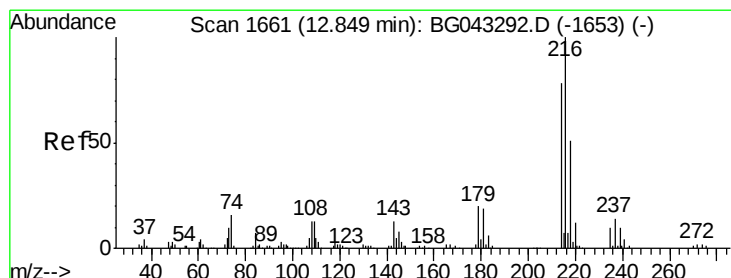
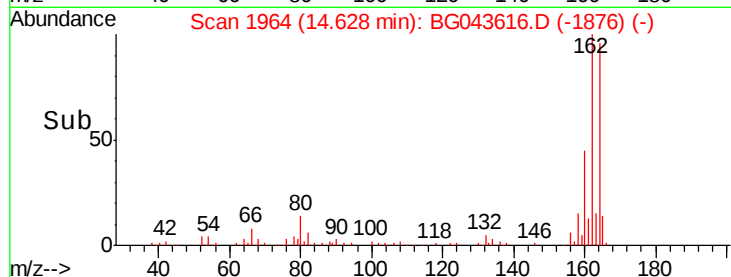
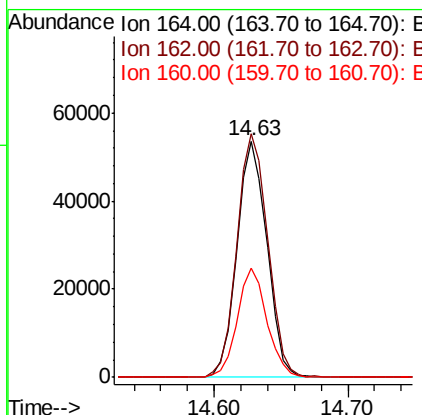
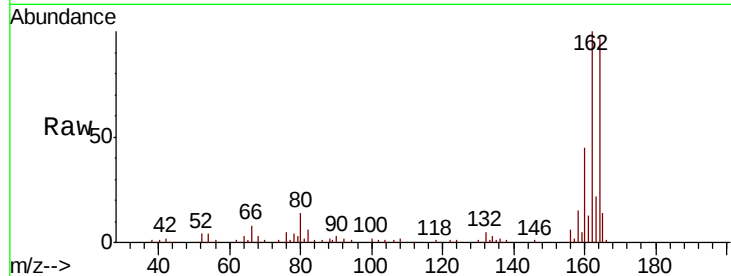
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BG043616.D
Acq: 13 Nov 2019 17:23

Instrument :
BNA_G
ClientSampleId :
PB124701BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.1	83.5	125.3
160	46.4	36.5	54.7

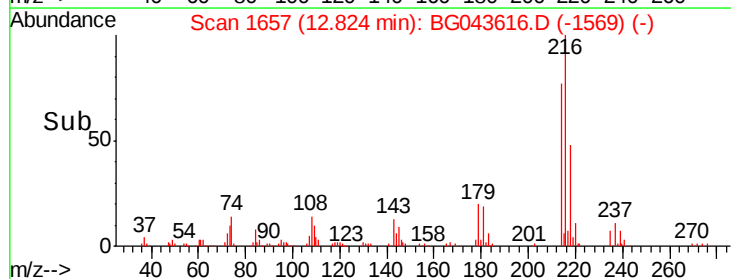
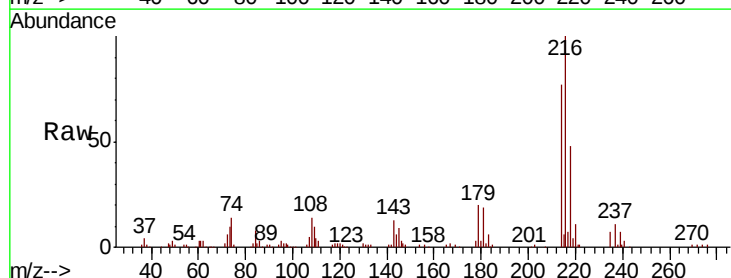
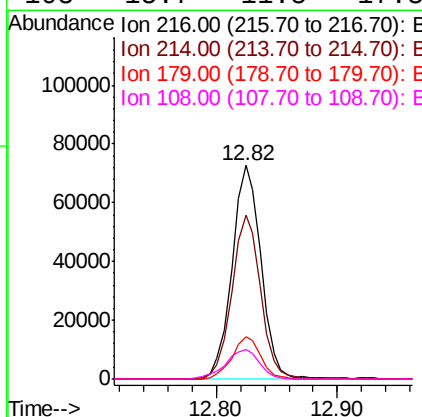
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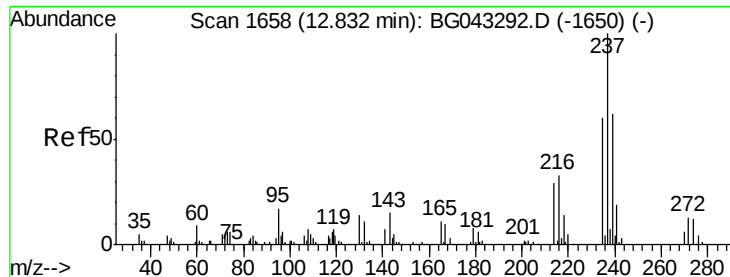
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.512 ng
RT: 12.82 min Scan# 1657
Delta R.T. -0.01 min
Lab File: BG043616.D
Acq: 13 Nov 2019 17:23

Tgt Ion	Ratio	Lower	Upper
216	100		
214	76.0	61.7	92.5
179	19.5	15.8	23.8
108	15.7	11.5	17.3





#41

Hexachlorocyclopentadiene

Concen: 54.853 ng

RT: 12.81 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BG043616.D

Acq: 13 Nov 2019 17:23

Instrument :

BNA_G

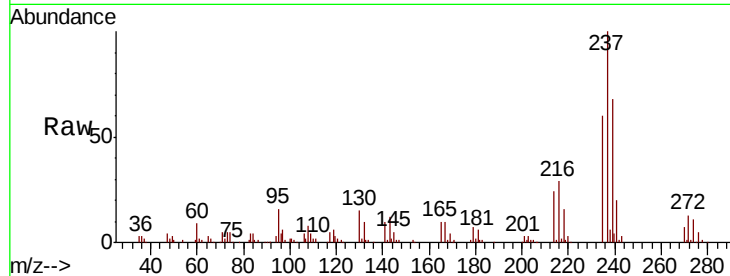
ClientSampleId :

PB124701BS

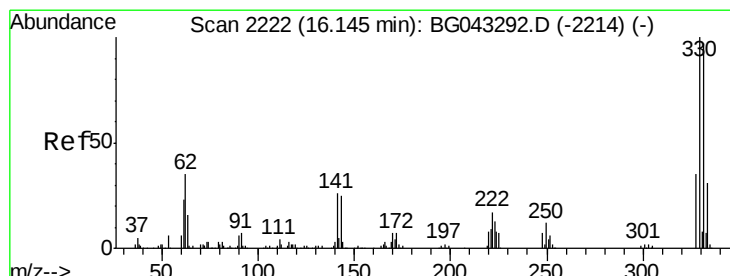
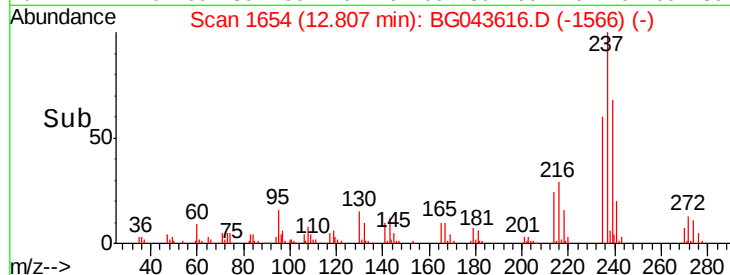
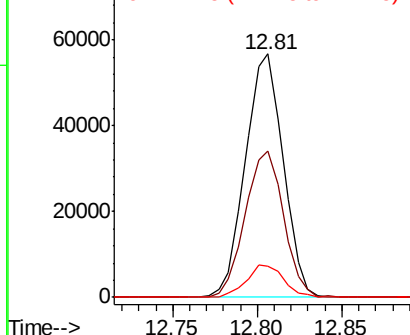
Tot Ion:	237	Resp:	88501
Ion Ratio	Lower	Upper	
237	100		
235	60.2	41.6	81.6
272	12.6	0.0	32.5

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



#42

2,4,6-Tribromophenol

Concen: 106.374 ng

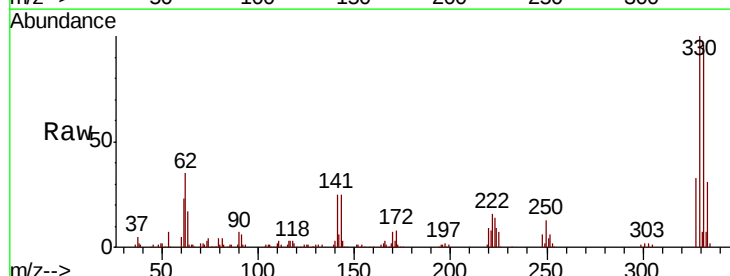
RT: 16.13 min Scan# 2219

Delta R.T. -0.01 min

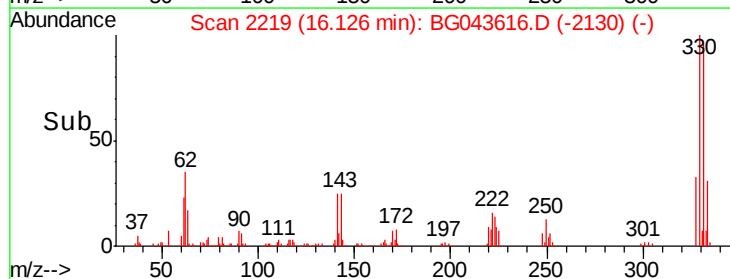
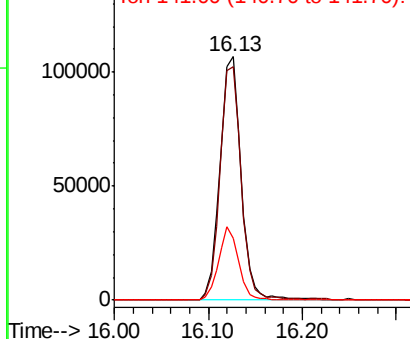
Lab File: BG043616.D

Acq: 13 Nov 2019 17:23

Tgt Ion:	330	Resp:	168000
Ion Ratio	Lower	Upper	
330	100		
332	96.1	77.4	116.0
141	28.4	22.8	34.2



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





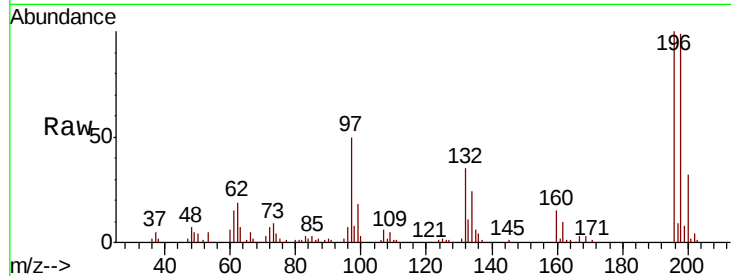
#43
 2,4,6-Trichlorophenol
 Concen: 42.524 ng
 RT: 13.08 min Scan# 1700
 Delta R.T. -0.01 min
 Lab File: BG043616.D
 Acq: 13 Nov 2019 17:23

Instrument :
 BNA_G
 ClientSampleID :
 PB124701BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	76916		
198	99.0		75.8	113.6
200	31.8		23.9	35.9

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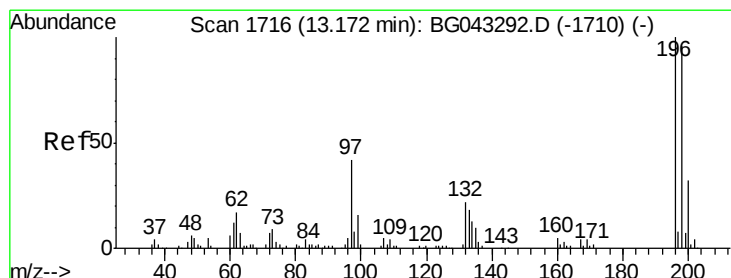
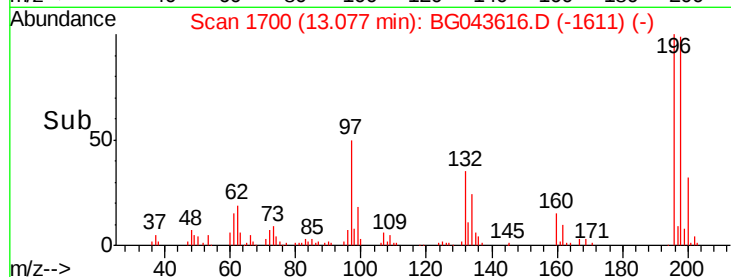
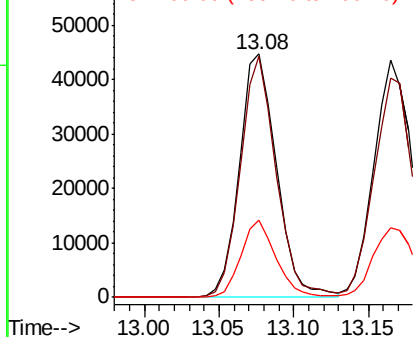


Abundance

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: 44.088 ng
 RT: 13.16 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BG043616.D
 Acq: 13 Nov 2019 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	80621		
198	92.2		74.5	111.7
97	43.4		36.3	54.5
132	23.6		17.4	26.2

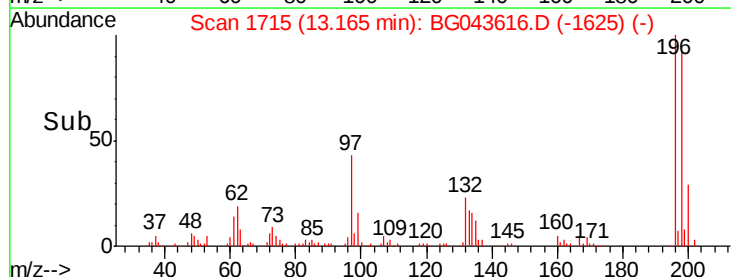
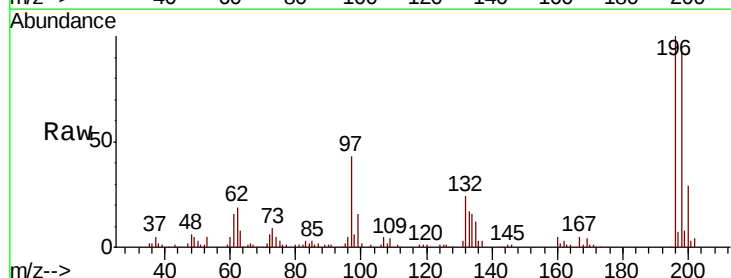
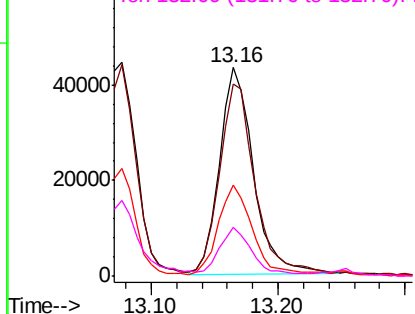
Abundance

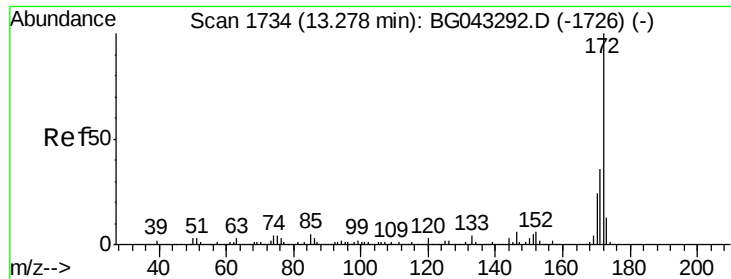
Ion 196.00 (195.70 to 196.70): E

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





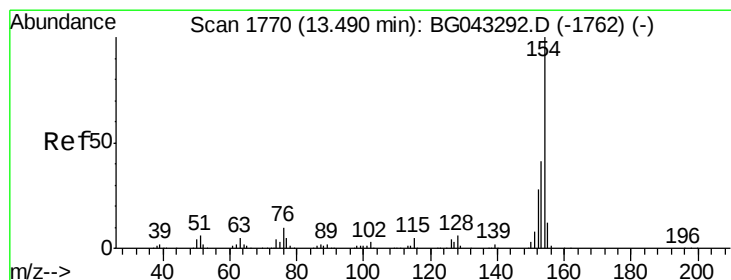
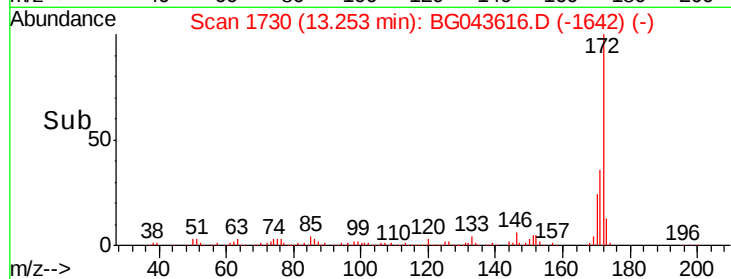
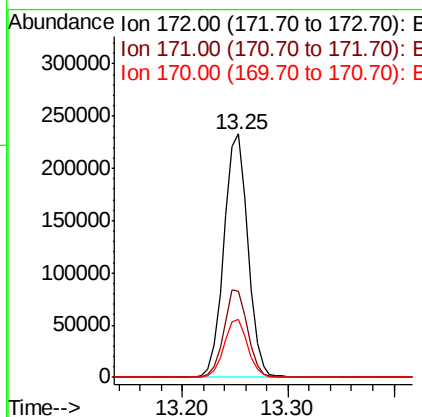
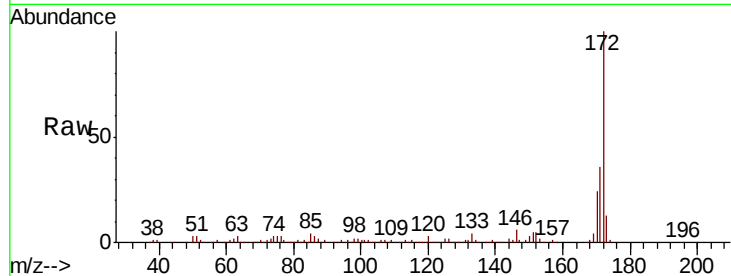
#45
 2-Fluorobiphenyl
 Concen: 60.899 ng
 RT: 13.25 min Scan# 1730
 Delta R.T. -0.01 min
 Lab File: BG043616.D
 Acq: 13 Nov 2019 17:23

Instrument :
 BNA_G
 ClientSampleId :
 PB124701BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.9	43.3
170	23.8	18.5	27.7

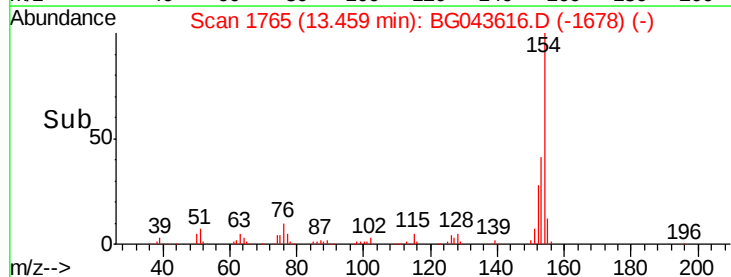
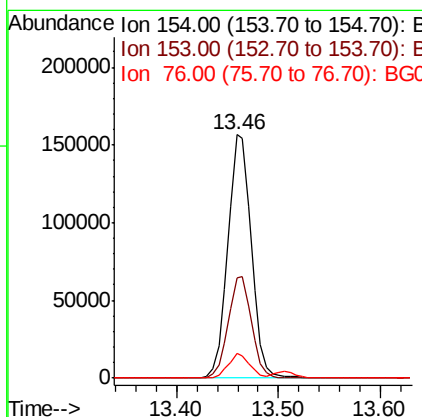
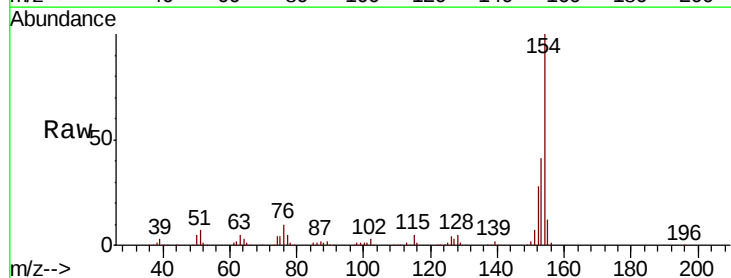
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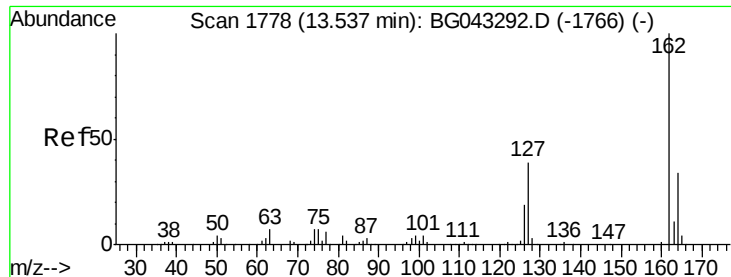
mohammad
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#46
 1,1'-Biphenyl
 Concen: 39.728 ng
 RT: 13.46 min Scan# 1765
 Delta R.T. -0.02 min
 Lab File: BG043616.D
 Acq: 13 Nov 2019 17:23

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	19.9	59.9
76	10.0	0.0	29.4





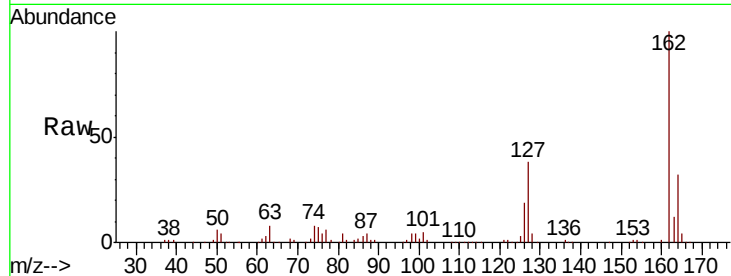
#47
2-Chloronaphthalene
Concen: 40.865 ng
RT: 13.51 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BG043616.D
Acq: 13 Nov 2019 17:23

Instrument :
BNA_G
ClientSampleId :
PB124701BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.8	31.2	46.8
164	31.8	25.8	38.8

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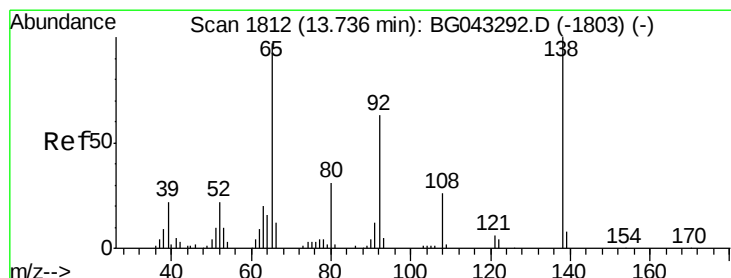
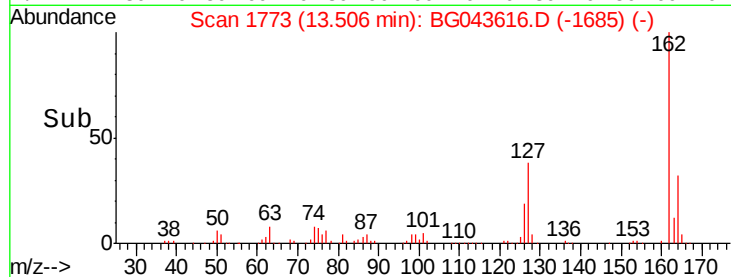
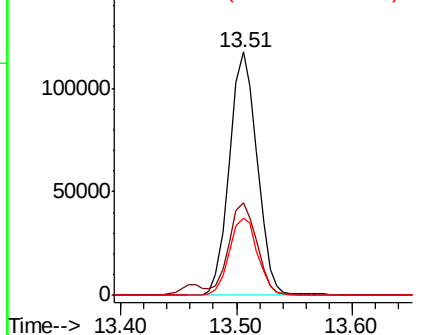


Abundance

Ion 162.00 (161.70 to 162.70): E

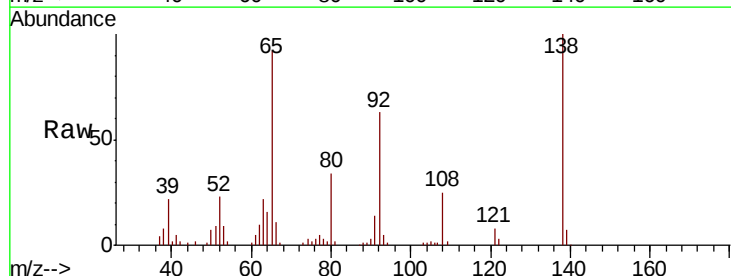
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 41.730 ng
RT: 13.72 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BG043616.D
Acq: 13 Nov 2019 17:23

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.7	56.2	84.2
138	108.2	82.6	123.8

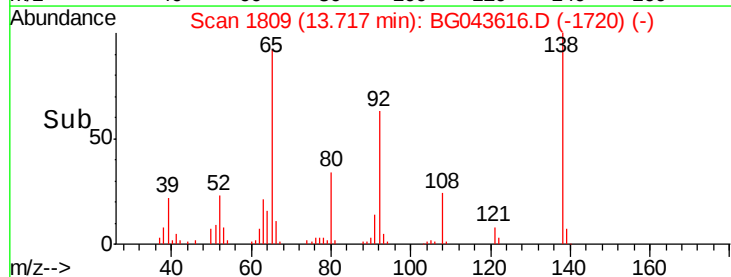
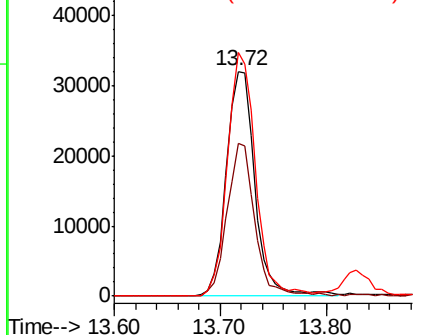


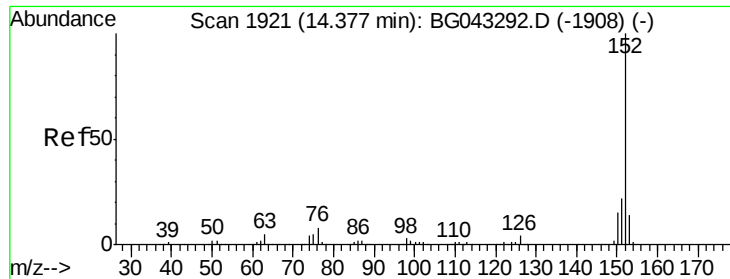
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.781 ng

RT: 14.35 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BG043616.D

Acq: 13 Nov 2019 17:23

Instrument :

BNA_G

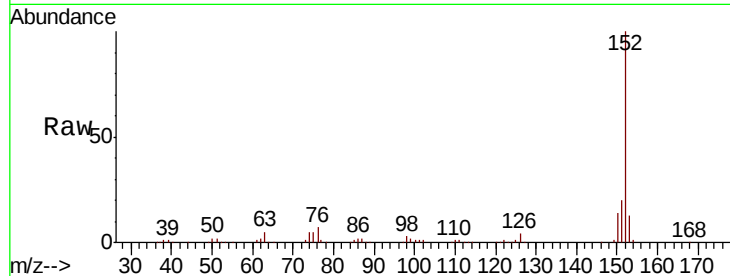
ClientSampleId :

PB124701BS

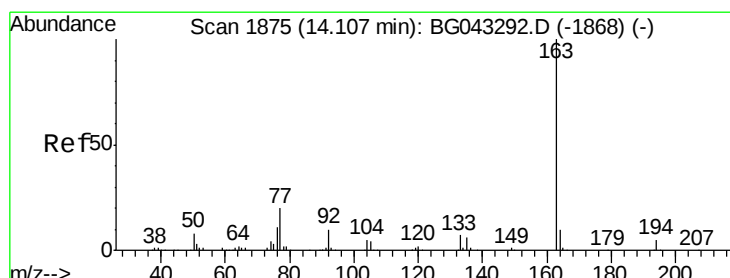
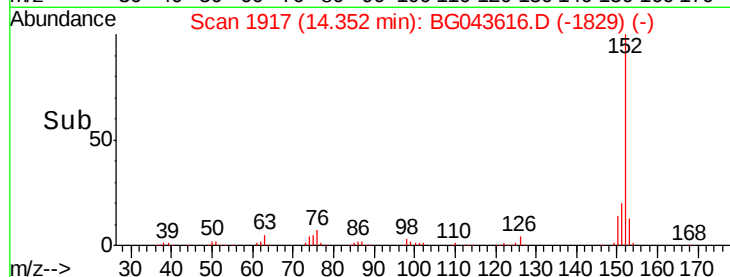
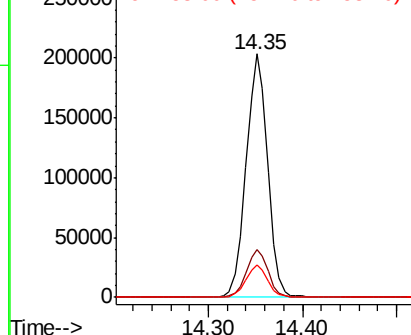
Tot Ion:	152	Resp:	319853
Ion Ratio	Lower	Upper	
152	100		
151	19.6	16.2	24.4
153	13.5	10.6	15.8

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



#50

Dimethylphthalate

Concen: 39.855 ng

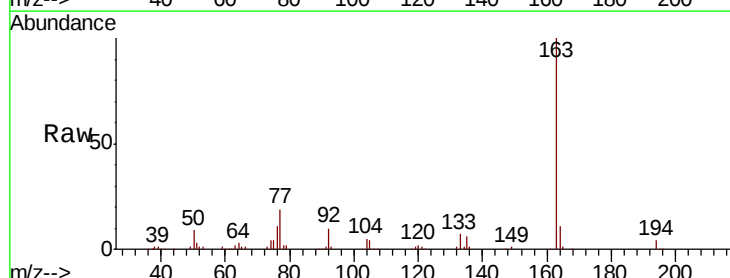
RT: 14.08 min Scan# 1871

Delta R.T. -0.01 min

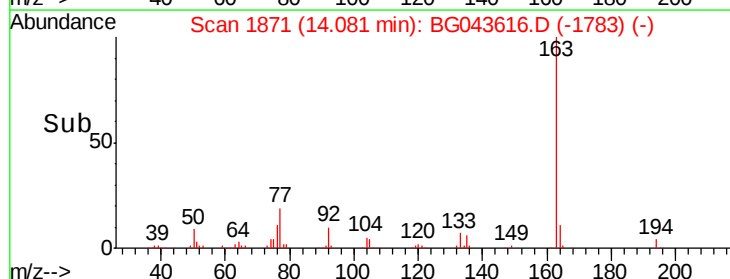
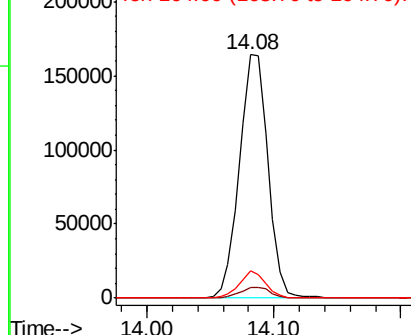
Lab File: BG043616.D

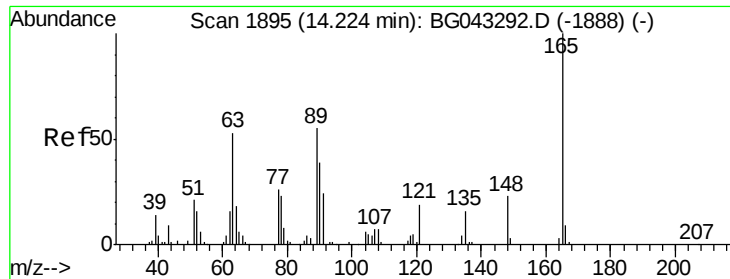
Acq: 13 Nov 2019 17:23

Tgt Ion:	163	Resp:	256197
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.8	5.6
164	11.2	8.9	13.3



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





#51

2,6-Dinitrotoluene

Concen: 41.783 ng

RT: 14.20 min Scan# 1892

Delta R.T. -0.01 min

Lab File: BG043616.D

Acq: 13 Nov 2019 17:23

Instrument :

BNA_G

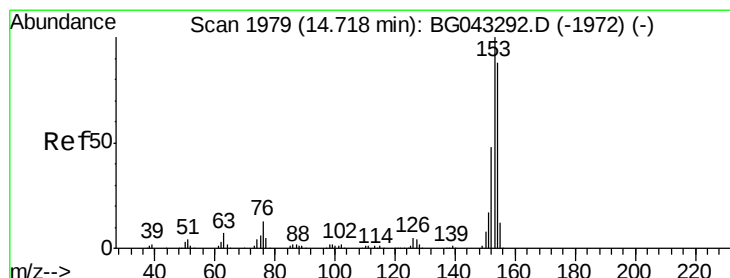
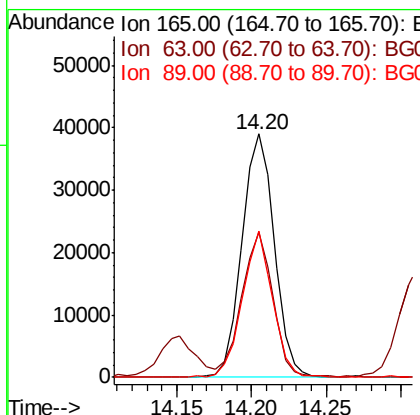
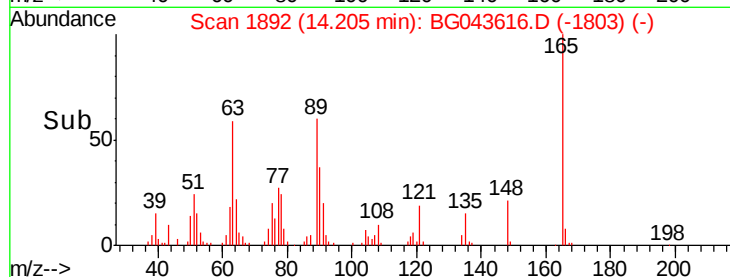
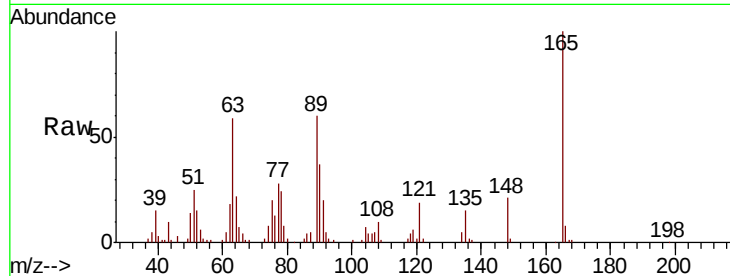
ClientSampleId :

PB124701BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	59.5	46.6	69.8
89	59.9	45.1	67.7

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#52

Acenaphthene

Concen: 40.784 ng

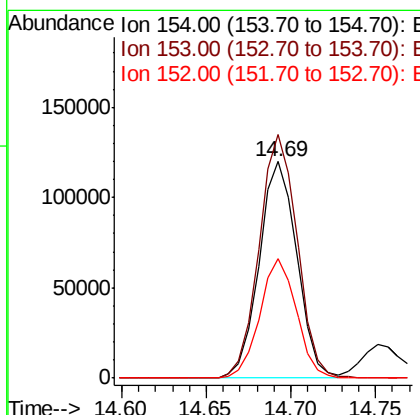
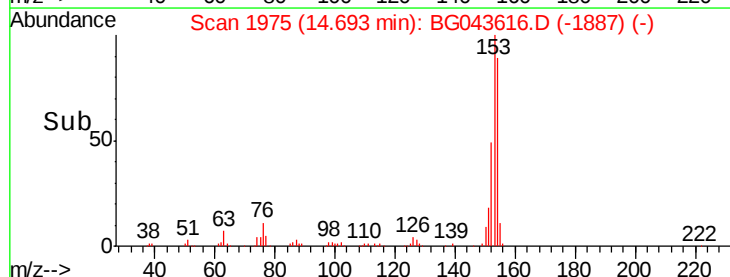
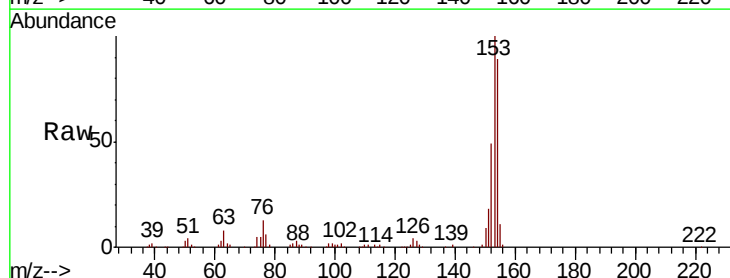
RT: 14.69 min Scan# 1975

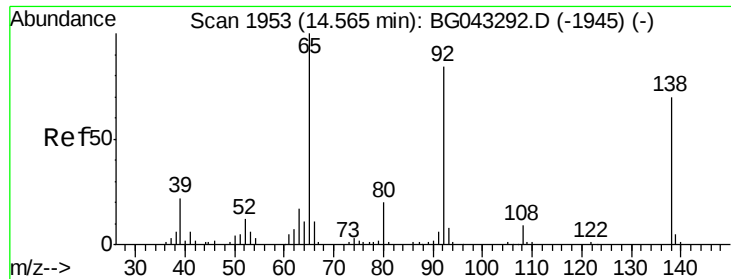
Delta R.T. -0.01 min

Lab File: BG043616.D

Acq: 13 Nov 2019 17:23

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.5	88.2	132.2
152	55.0	40.0	60.0





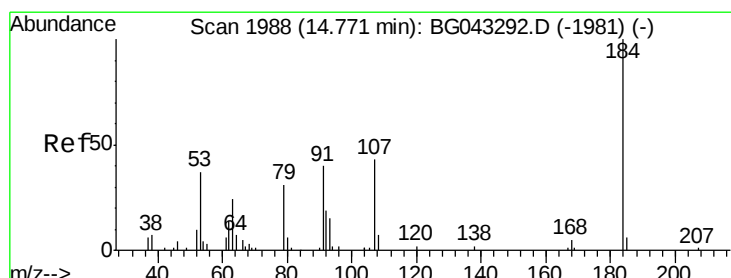
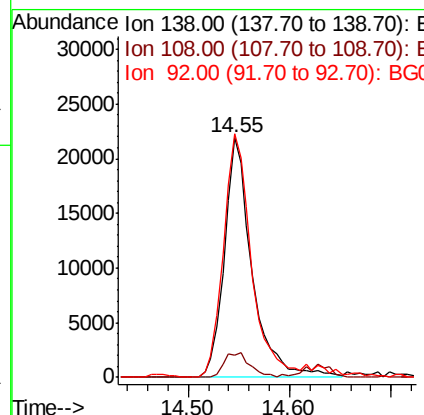
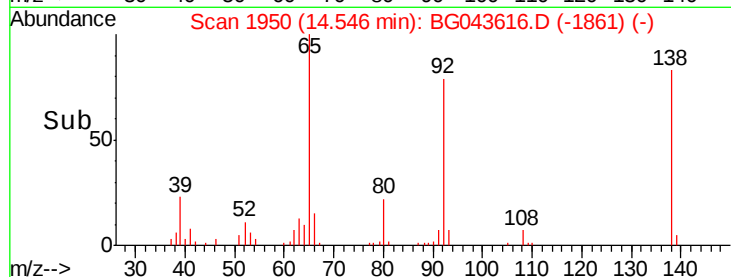
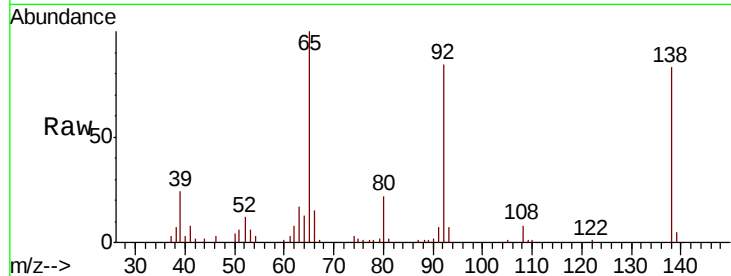
#53
3-Nitroaniline
Concen: 30.744 ng
RT: 14.55 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BG043616.D
Acq: 13 Nov 2019 17:23

Instrument :
BNA_G
ClientSampleId :
PB124701BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.2	8.0	12.0
92	101.6	90.9	136.3

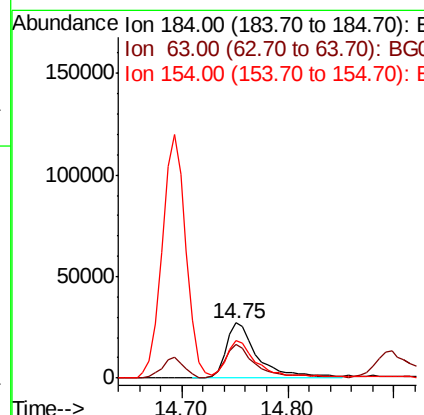
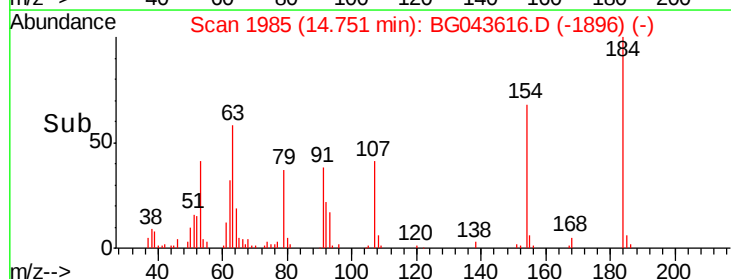
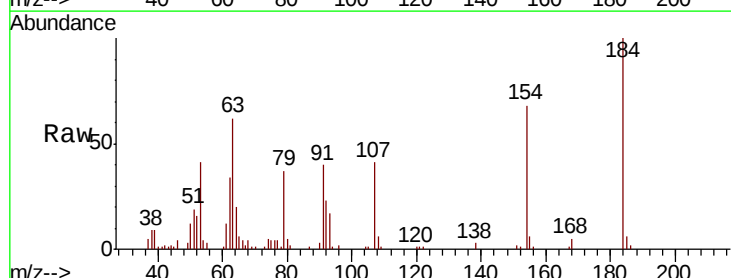
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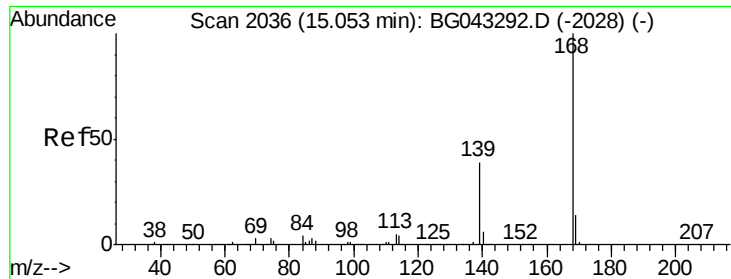
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#54
2,4-Dinitrophenol
Concen: 66.057 ng
RT: 14.75 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BG043616.D
Acq: 13 Nov 2019 17:23

Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.7	51.3	76.9
154	68.3	55.4	83.0





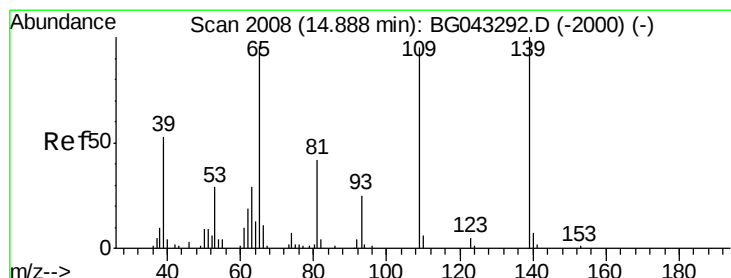
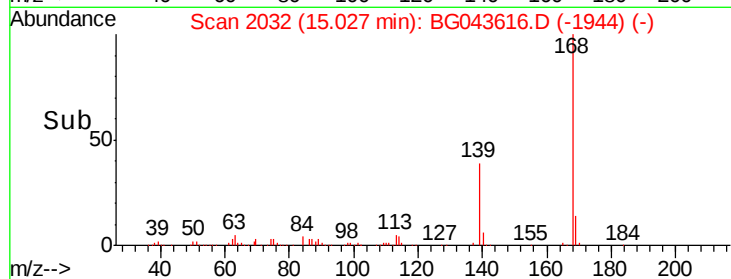
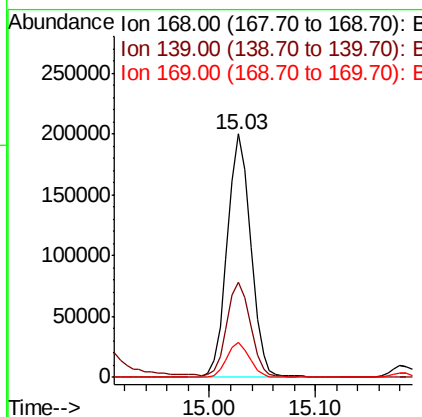
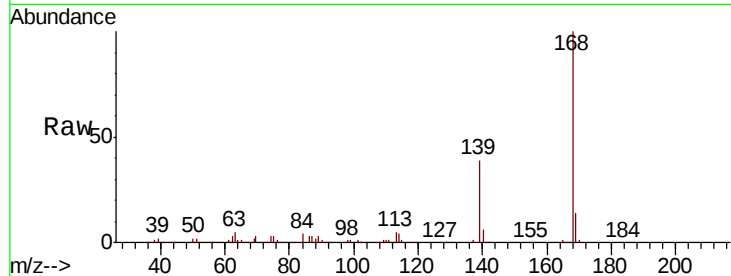
#55
Dibenzenofuran
Concen: 41.783 ng
RT: 15.03 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BG043616.D
Acq: 13 Nov 2019 17:23

Instrument :
BNA_G
ClientSampleId :
PB124701BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.3	31.0	46.6
169	14.3	11.7	17.5

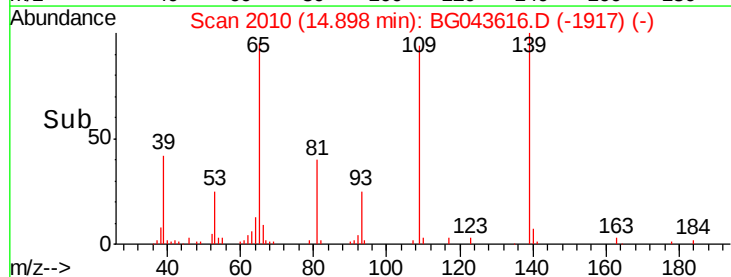
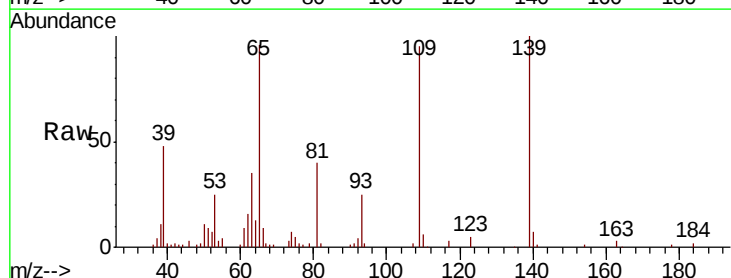
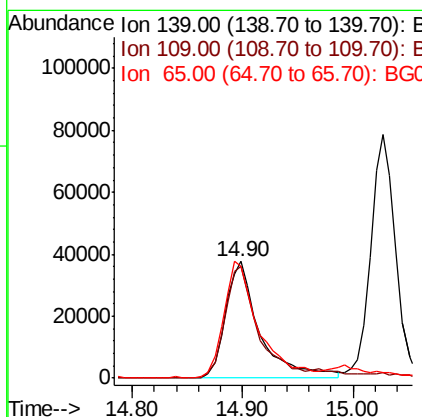
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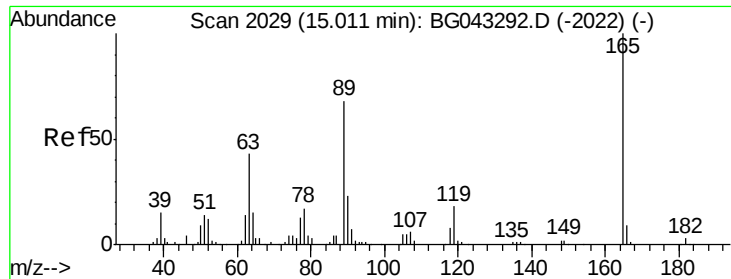
mohammad
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#56
4-Nitrophenol
Concen: 90.562 ng
RT: 14.90 min Scan# 2010
Delta R.T. 0.02 min
Lab File: BG043616.D
Acq: 13 Nov 2019 17:23

Tgt Ion	Ratio	Lower	Upper
139	100		
109	95.4	87.2	127.2
65	95.9	83.8	123.8





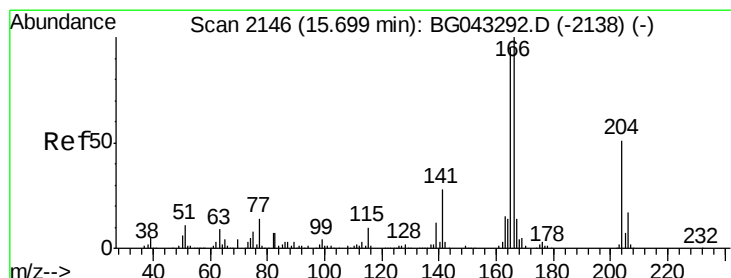
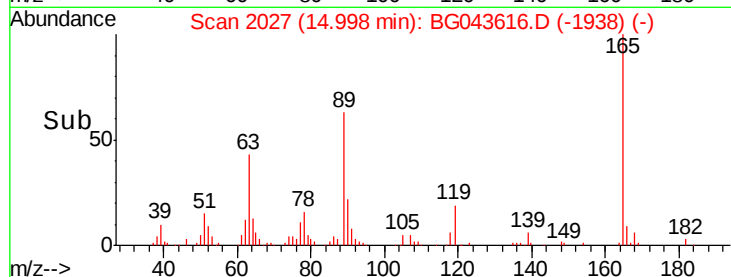
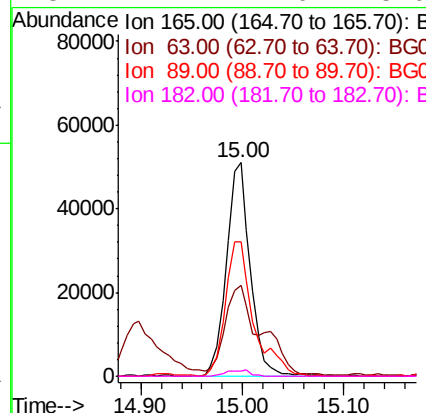
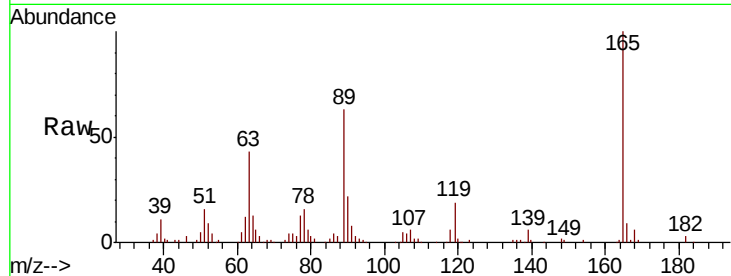
#57
2,4-Dinitrotoluene
Concen: 41.607 ng
RT: 15.00 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BG043616.D
Acq: 13 Nov 2019 17:23

Instrument :
BNA_G
ClientSampleId :
PB124701BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	83039		
63	42.6		33.2	49.8
89	62.7		52.2	78.4
182	2.7		2.0	3.0

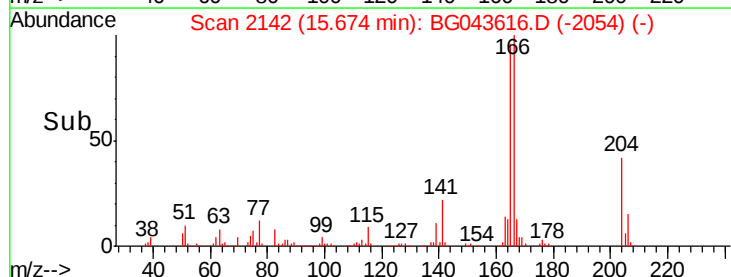
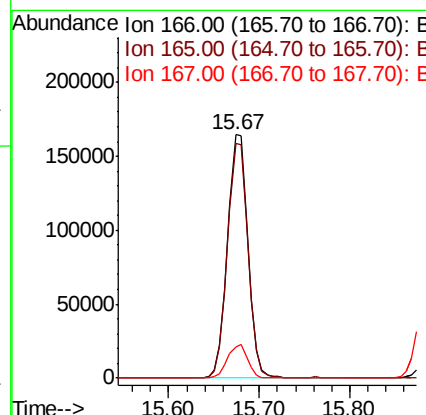
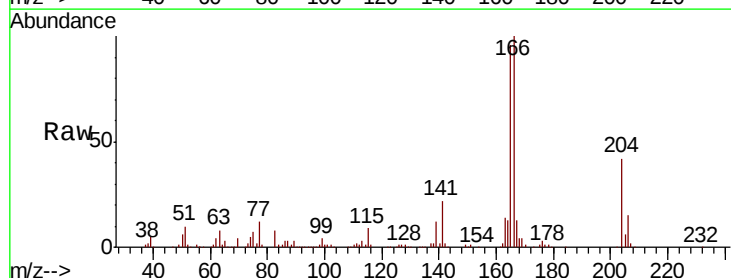
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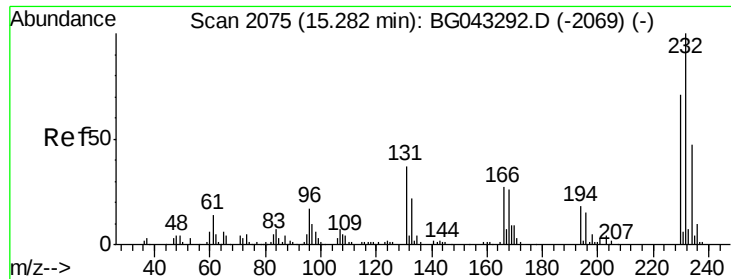
mohammad
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#58
Fluorene
Concen: 41.495 ng
RT: 15.67 min Scan# 2142
Delta R.T. -0.01 min
Lab File: BG043616.D
Acq: 13 Nov 2019 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	257325		
165	96.3		79.0	118.6
167	12.9		10.5	15.7





#59

2,3,4,6-Tetrachlorophenol

Concen: 41.006 ng

RT: 15.27 min Scan# 2073

Delta R.T. -0.01 min

Lab File: BG043616.D

Acq: 13 Nov 2019 17:23

Instrument :

BNA_G

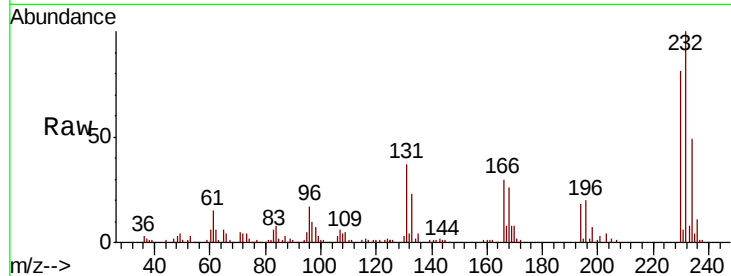
ClientSampleId :

PB124701BS

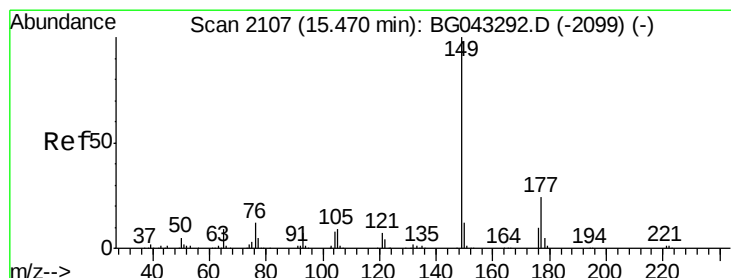
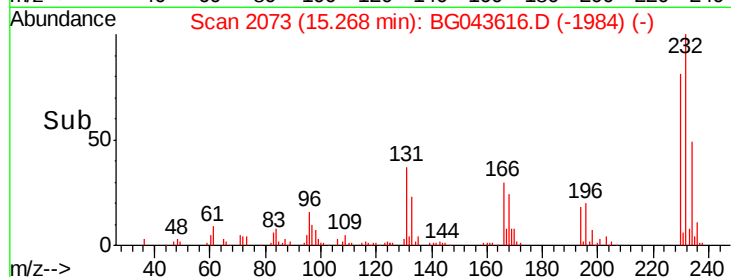
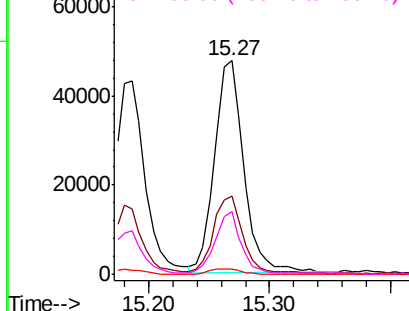
Tot Ion:	232	Resp:	79669
Ion Ratio	Lower	Upper	
232	100		
131	38.5	26.9	40.3
130	2.6	1.8	2.6
166	25.1	20.9	31.3

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



#60

Diethylphthalate

Concen: 39.094 ng

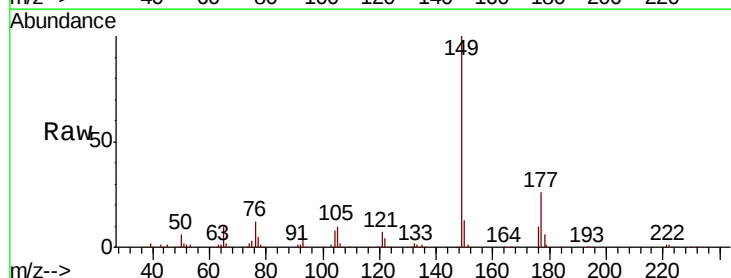
RT: 15.44 min Scan# 2103

Delta R.T. -0.01 min

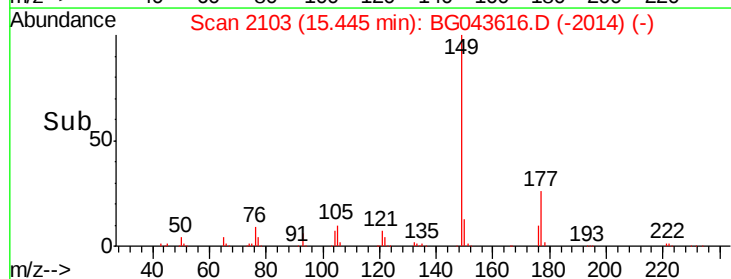
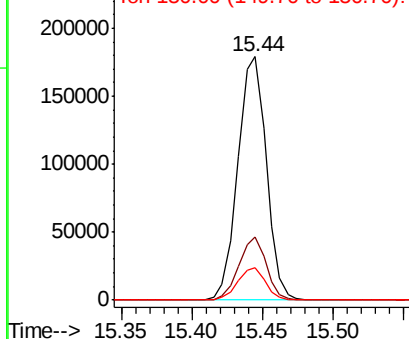
Lab File: BG043616.D

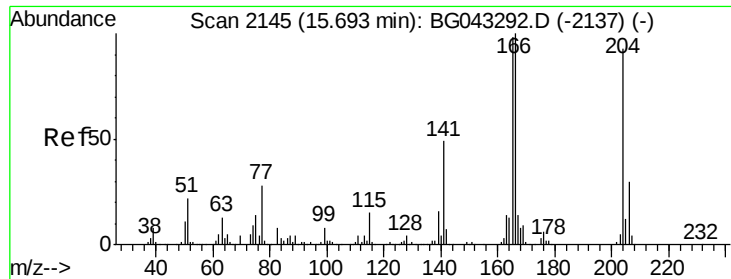
Acq: 13 Nov 2019 17:23

Tgt Ion:	149	Resp:	252513
Ion Ratio	Lower	Upper	
149	100		
177	25.9	19.6	29.4
150	13.3	10.8	16.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





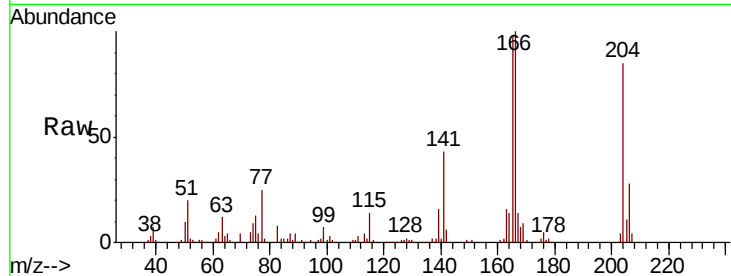
#61
4-Chlorophenyl-phenylether
Concen: 40.770 ng
RT: 15.67 min Scan# 2141
Delta R.T. -0.01 min
Lab File: BG043616.D
Acq: 13 Nov 2019 17:23

Instrument :
BNA_G
ClientSampleId :
PB124701BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.5	28.4	42.6
141	50.5	43.0	64.6

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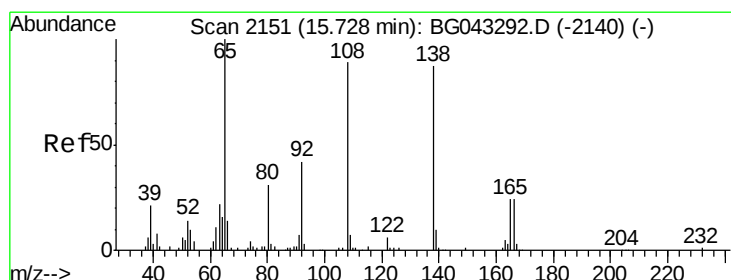
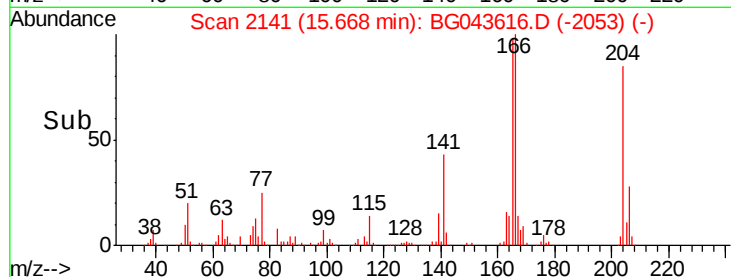
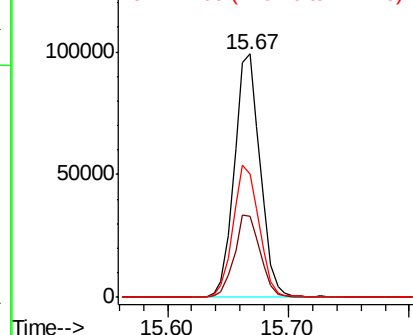


Abundance

Ion 204.00 (203.70 to 204.70): E

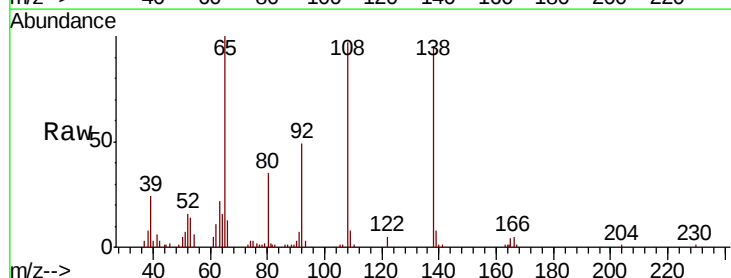
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 39.383 ng
RT: 15.71 min Scan# 2149
Delta R.T. -0.00 min
Lab File: BG043616.D
Acq: 13 Nov 2019 17:23

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.7	33.4	73.4
108	102.1	78.0	118.0

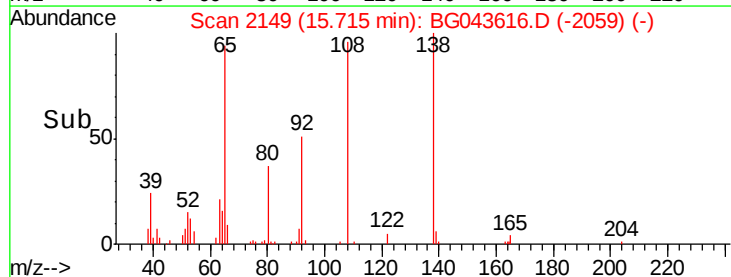
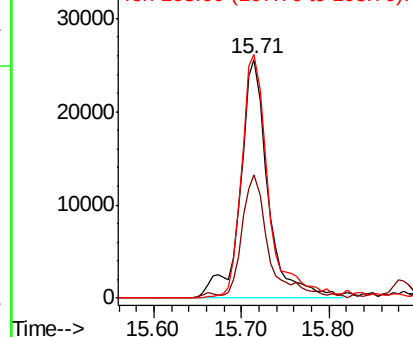


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





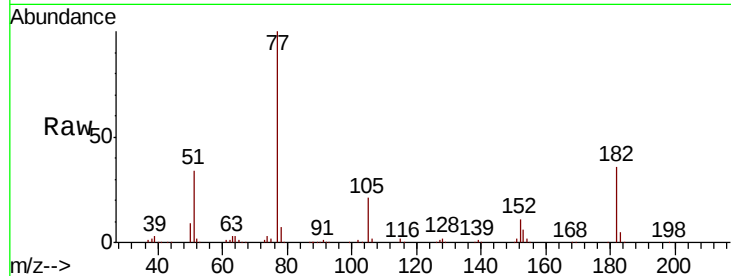
#63
Azobenzene
Concen: 41.488 ng
RT: 15.96 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BG043616.D
Acq: 13 Nov 2019 17:23

Instrument :
BNA_G
ClientSampleId :
PB124701BS

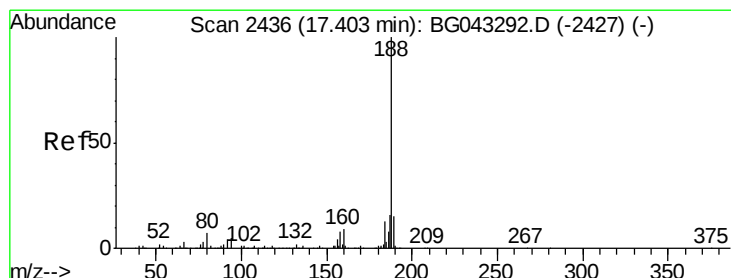
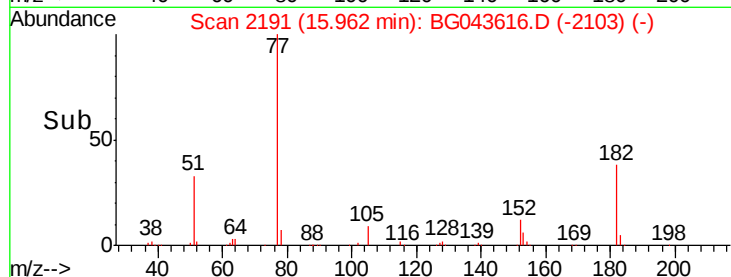
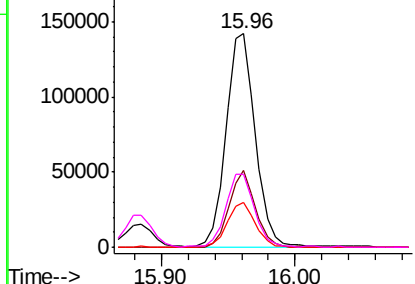
Tot Ion	Ratio	Lower	Upper
77	100		
182	35.9	13.7	53.7
105	20.8	0.4	40.4
51	34.0	11.0	51.0

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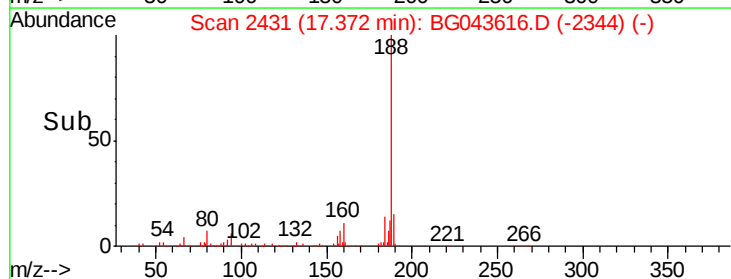
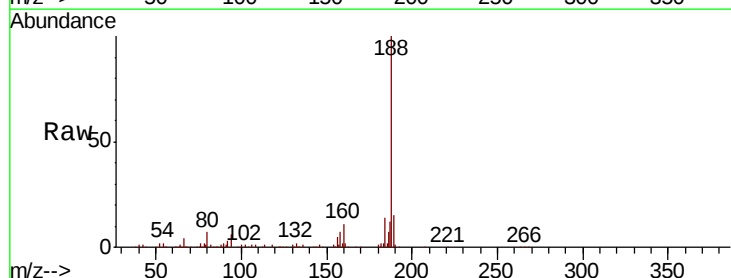
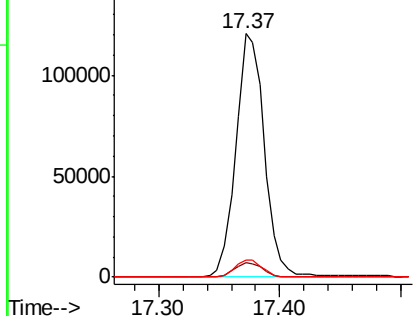
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

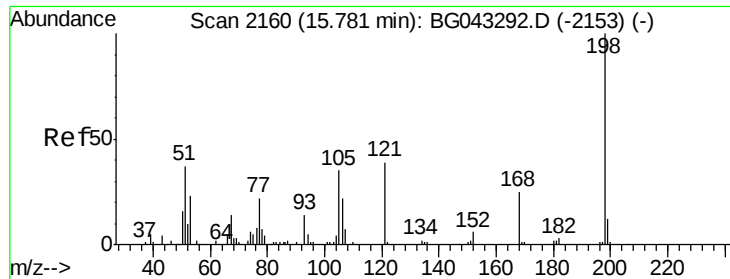


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2431
Delta R.T. -0.02 min
Lab File: BG043616.D
Acq: 13 Nov 2019 17:23

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.0	4.2	6.4
80	6.9	4.5	6.7#

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





#65

4,6-Dinitro-2-methylphenol

Concen: 41.294 ng

RT: 15.76 min Scan# 2157

Delta R.T. -0.01 min

Lab File: BG043616.D

Acq: 13 Nov 2019 17:23

Instrument :

BNA_G

ClientSampleId :

PB124701BS

Tot Ion:198 Resp: 48236

Ion Ratio Lower Upper

198 100

51 38.7 13.2 53.2

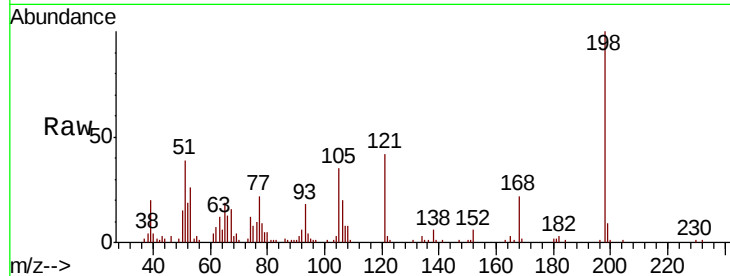
105 34.7 15.8 55.8

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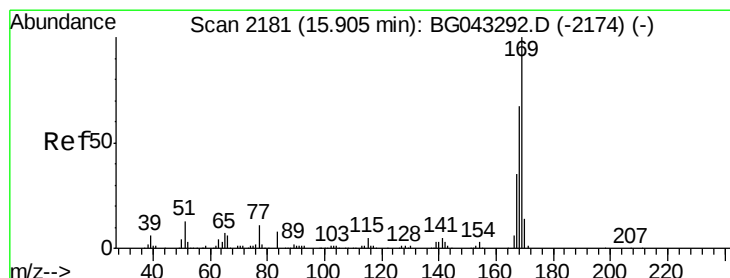
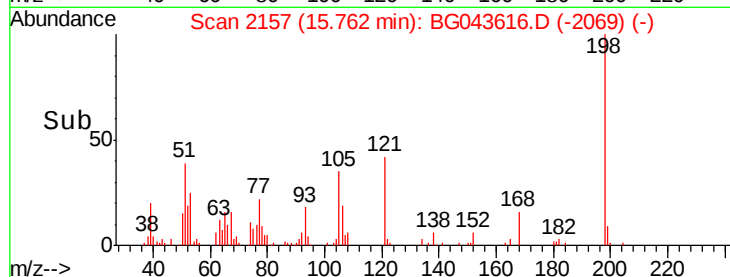
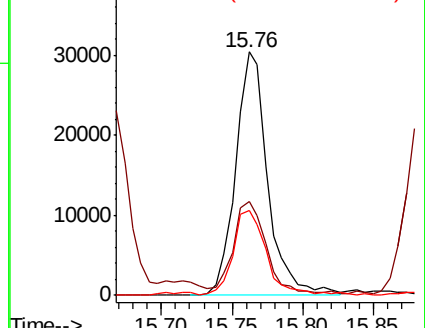
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.011 ng

RT: 15.89 min Scan# 2178

Delta R.T. -0.01 min

Lab File: BG043616.D

Acq: 13 Nov 2019 17:23

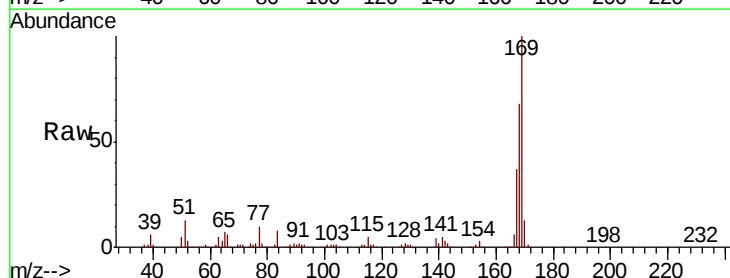
Tgt Ion:169 Resp: 229820

Ion Ratio Lower Upper

169 100

168 68.4 53.8 80.6

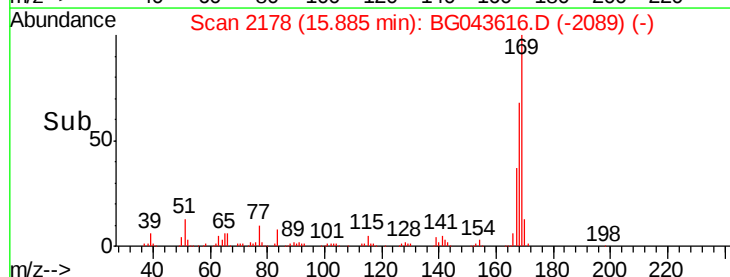
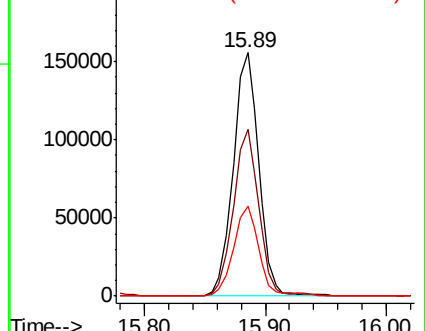
167 37.1 27.5 41.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





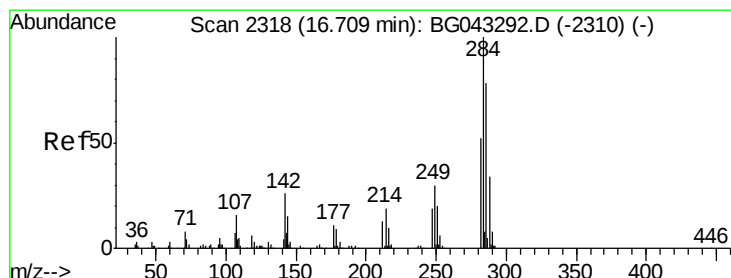
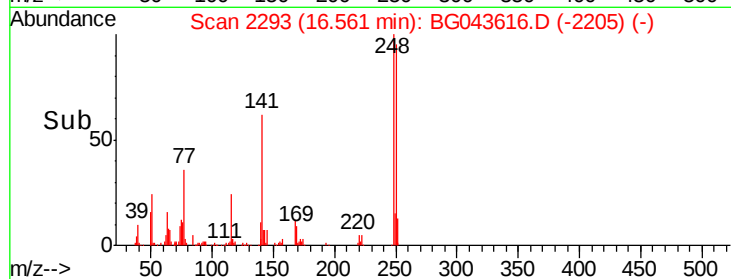
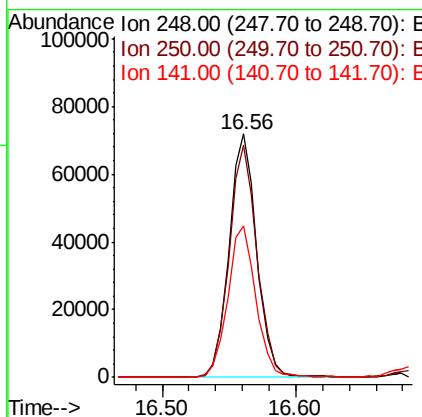
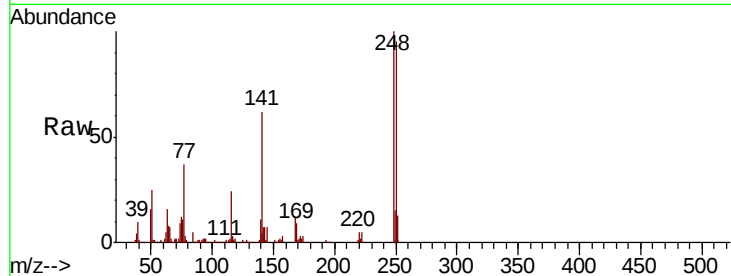
#67
 4-Bromophenyl-phenylether
 Concen: 38.682 ng
 RT: 16.56 min Scan# 2293
 Delta R.T. -0.01 min
 Lab File: BG043616.D
 Acq: 13 Nov 2019 17:23

Instrument :
 BNA_G
 ClientSampleID :
 PB124701BS

Tot Ion:	248	Resp:	103326
Ion Ratio	Lower	Upper	
248	100		
250	95.1	77.0	115.4
141	62.0	47.5	71.3

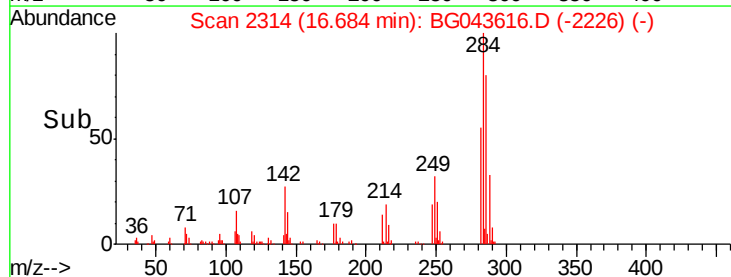
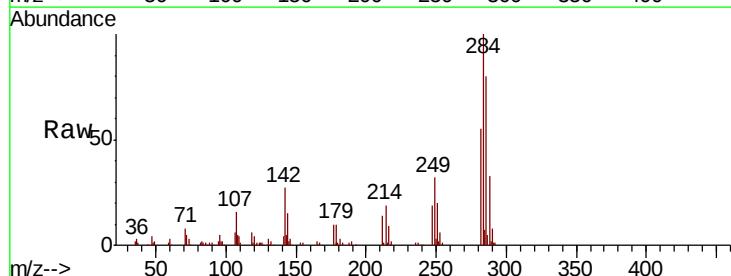
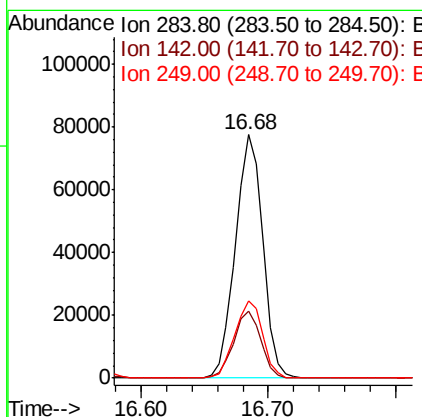
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#68
 Hexachlorobenzene
 Concen: 37.662 ng
 RT: 16.68 min Scan# 2314
 Delta R.T. -0.01 min
 Lab File: BG043616.D
 Acq: 13 Nov 2019 17:23

Tgt Ion:	284	Resp:	115478
Ion Ratio	Lower	Upper	
284	100		
142	27.4	19.8	29.8
249	31.6	23.8	35.6





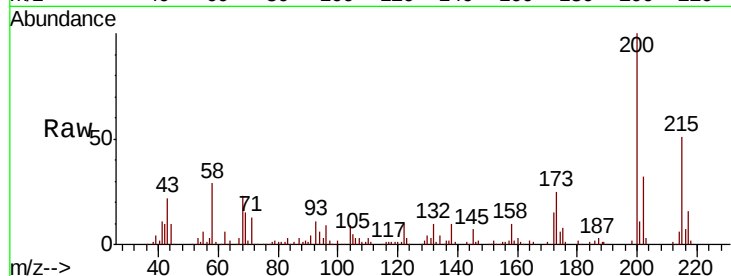
#69
Atrazine
Concen: 49.369 ng
RT: 16.83 min Scan# 2339
Delta R.T. -0.01 min
Lab File: BG043616.D
Acq: 13 Nov 2019 17:23

Instrument :
BNA_G
ClientSampleId :
PB124701BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.8	4.7	44.7
215	51.3	28.5	68.5

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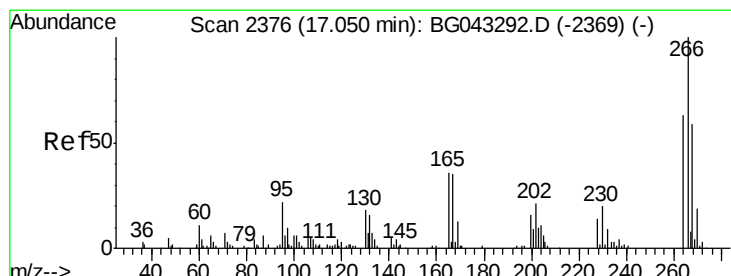
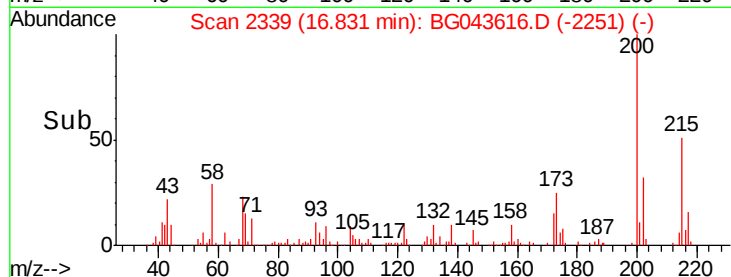
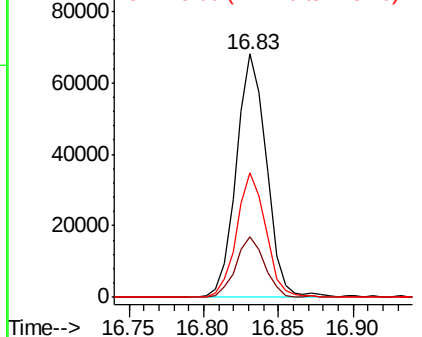


Abundance

Ion 200.00 (199.70 to 200.70): E

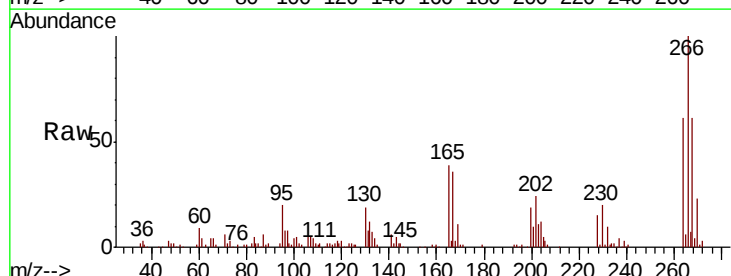
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 65.561 ng
RT: 17.04 min Scan# 2374
Delta R.T. -0.01 min
Lab File: BG043616.D
Acq: 13 Nov 2019 17:23

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.2	50.4	75.6
264	61.4	48.9	73.3

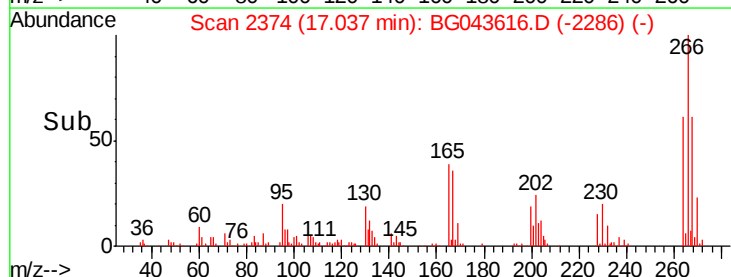
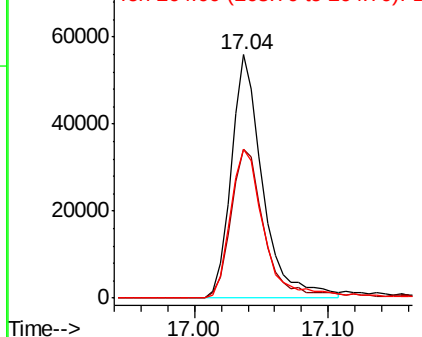


Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





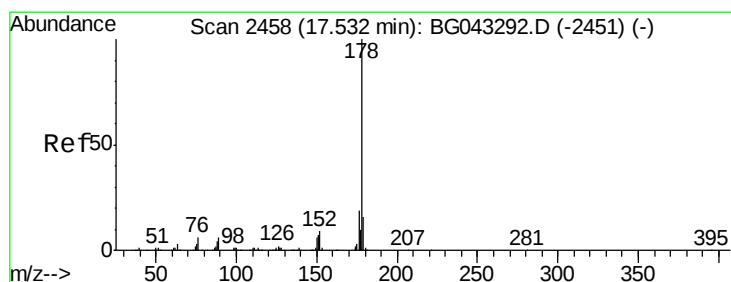
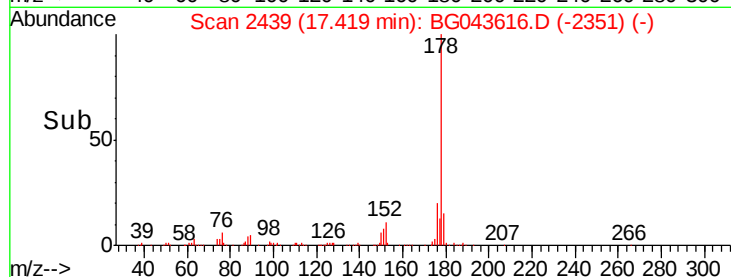
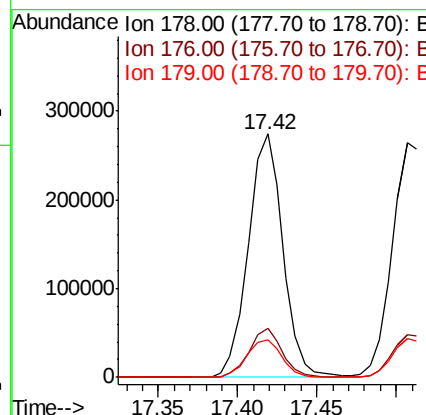
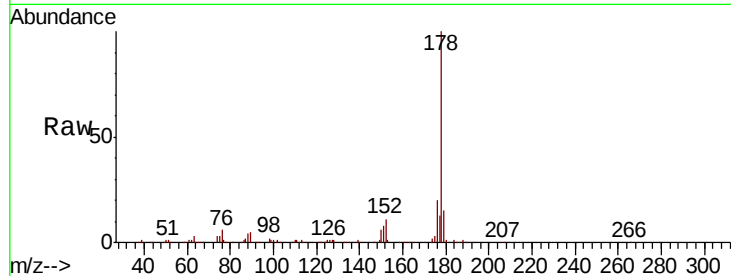
#71
Phenanthrene
Concen: 40.936 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BG043616.D
Acq: 13 Nov 2019 17:23

Instrument :
BNA_G
ClientSampleId :
PB124701BS

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

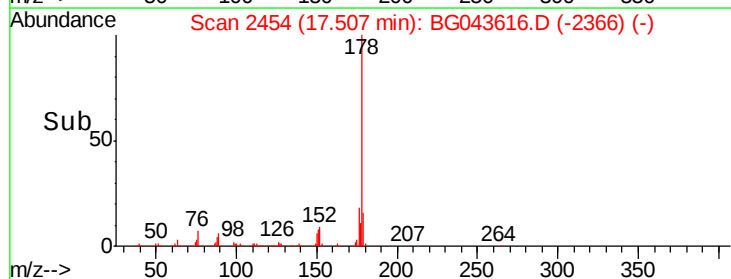
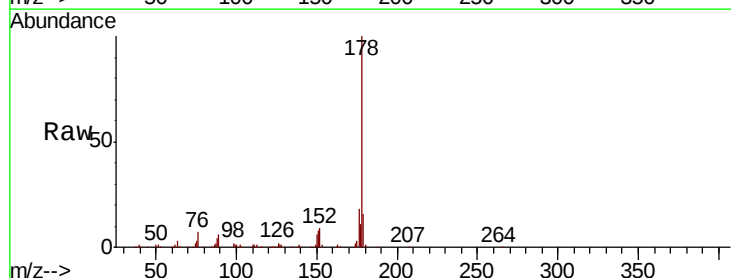
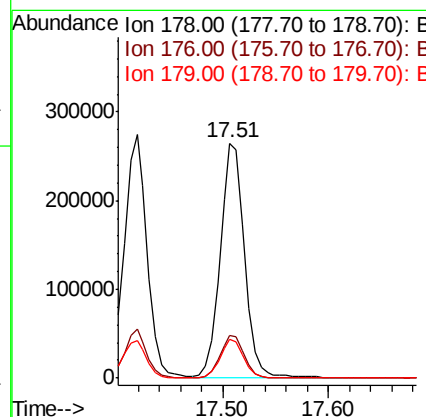
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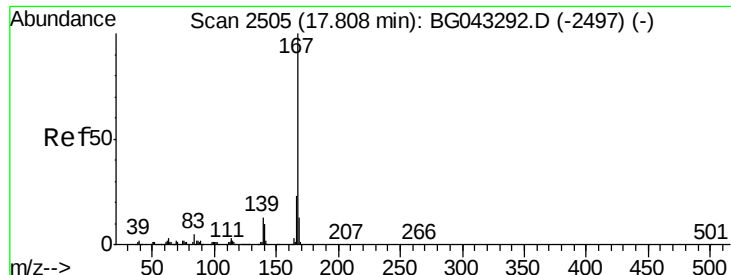
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#72
Anthracene
Concen: 41.643 ng
RT: 17.51 min Scan# 2454
Delta R.T. -0.01 min
Lab File: BG043616.D
Acq: 13 Nov 2019 17:23

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.5	23.3
179	16.4	13.7	20.5





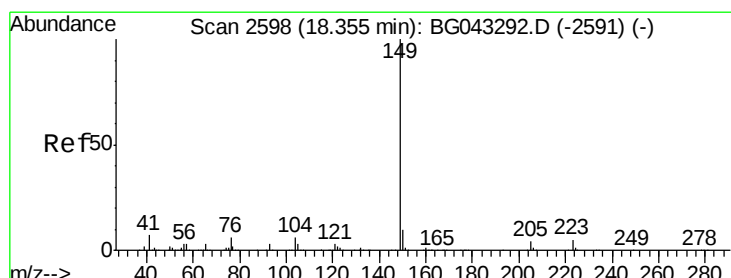
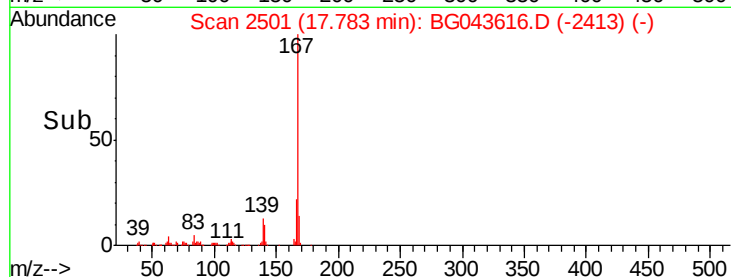
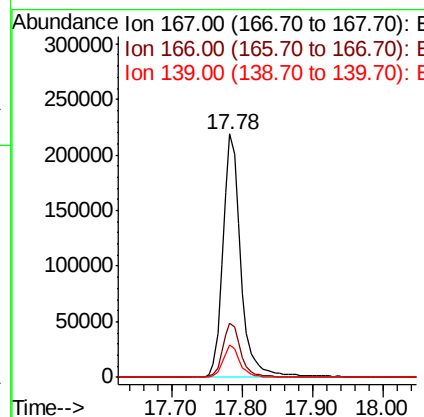
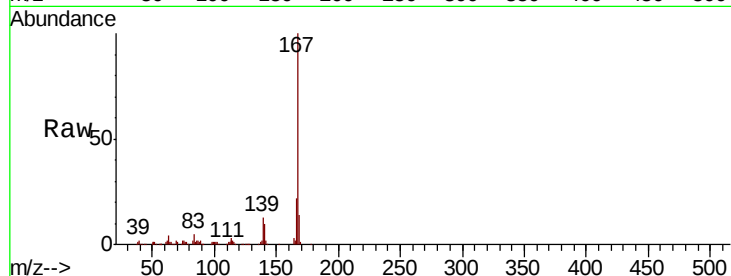
#73
 Carbazole
 Concen: 41.912 ng
 RT: 17.78 min Scan# 2501
 Delta R.T. -0.01 min
 Lab File: BG043616.D
 Acq: 13 Nov 2019 17:23

Instrument :
 BNA_G
 ClientSampleId :
 PB124701BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.7	28.1
139	13.3	10.0	15.0

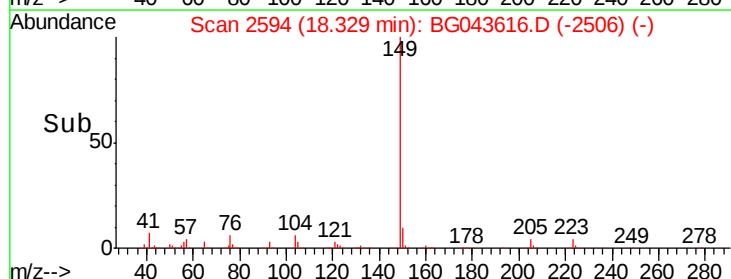
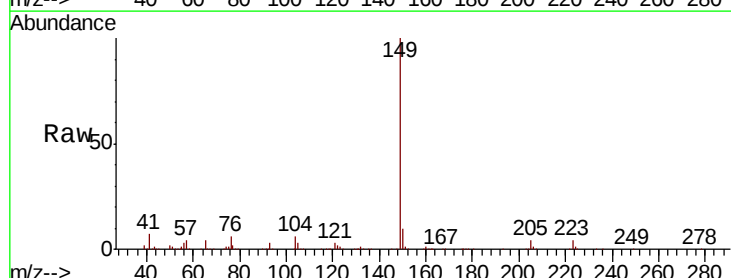
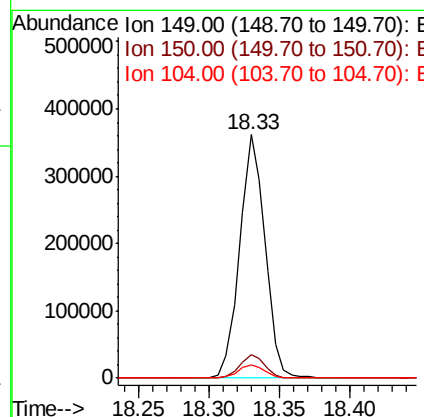
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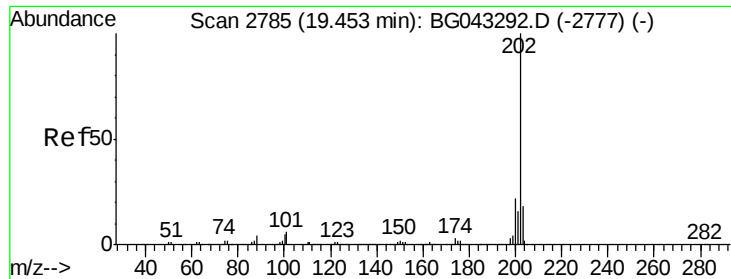
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#74
 Di-n-butylphthalate
 Concen: 40.497 ng
 RT: 18.33 min Scan# 2594
 Delta R.T. -0.01 min
 Lab File: BG043616.D
 Acq: 13 Nov 2019 17:23

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	8.0	12.0
104	5.6	4.4	6.6





#75

Fluoranthene

Concen: 41.972 ng

RT: 19.43 min Scan# 2781

Delta R.T. -0.01 min

Lab File: BG043616.D

Acq: 13 Nov 2019 17:23

Instrument :

BNA_G

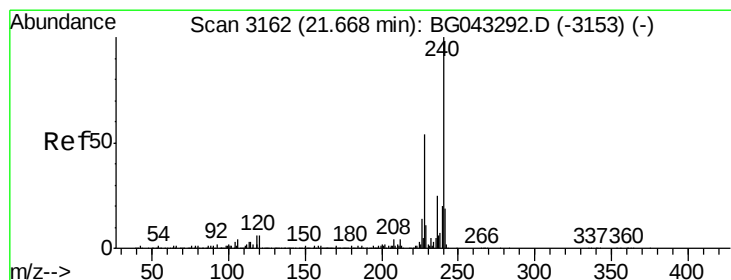
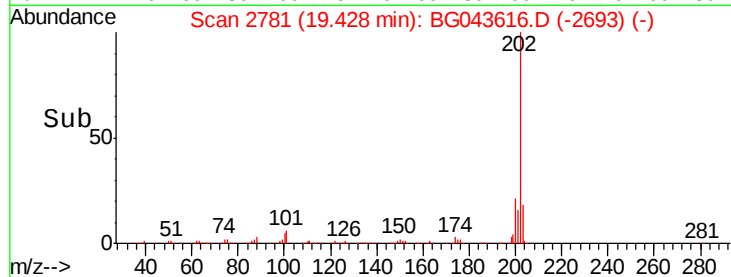
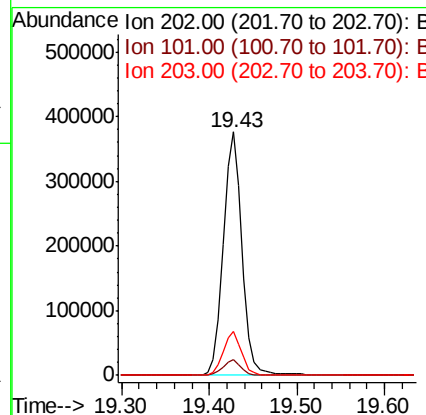
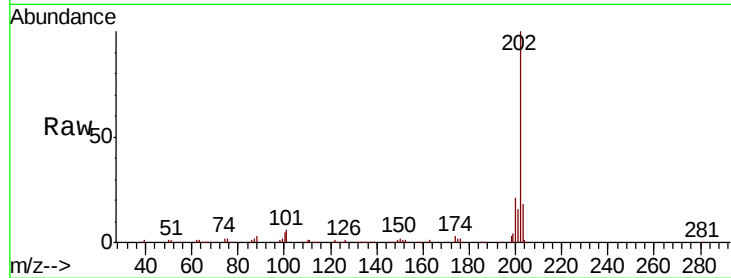
ClientSampleId :

PB124701BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	6.4	0.0	26.3
203	18.0	0.0	37.9

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#76

Chrysene-d12

Concen: 20.000 ng

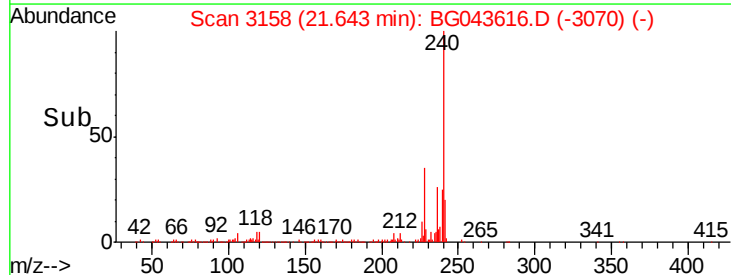
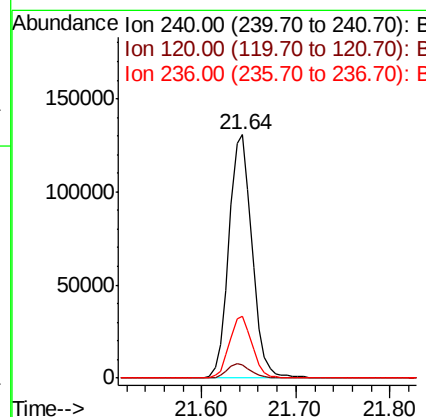
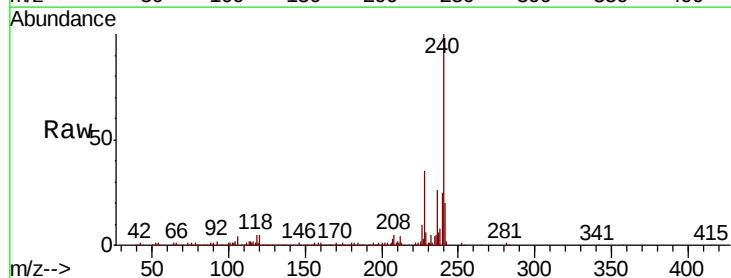
RT: 21.64 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BG043616.D

Acq: 13 Nov 2019 17:23

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	5.2	4.6	6.8
236	25.5	19.8	29.8





#77

Benzidine

Concen: 22.815 ng

RT: 19.62 min Scan# 2813

Delta R.T. -0.01 min

Lab File: BG043616.D

Acq: 13 Nov 2019 17:23

Instrument :

BNA_G

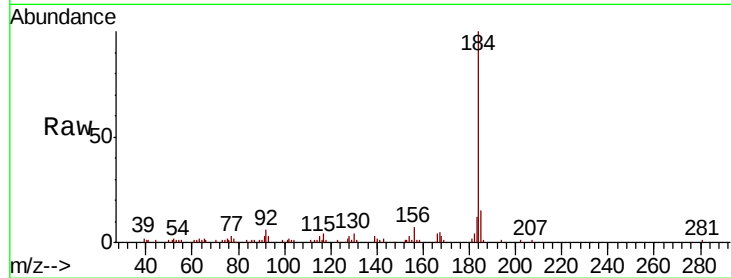
ClientSampleId :

PB124701BS

Tot Ion:	184	Resp:	103027
Ion Ratio		Lower	Upper
184	100		
185	15.0	11.0	16.4
183	11.7	10.0	15.0

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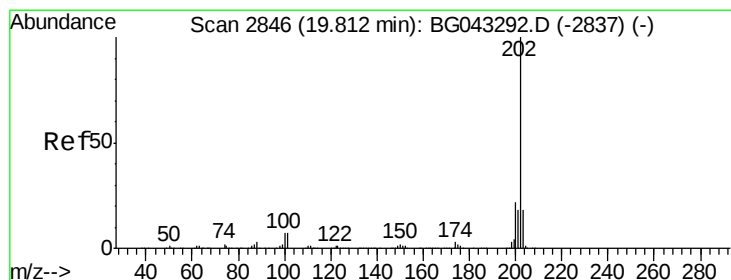
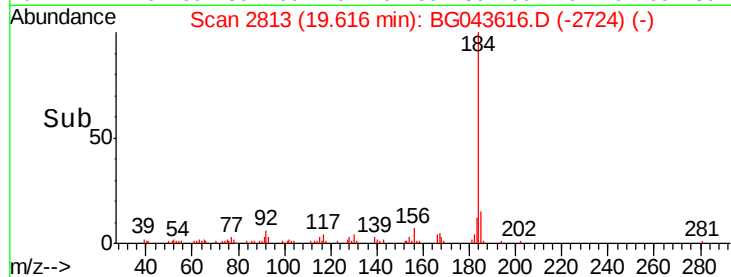
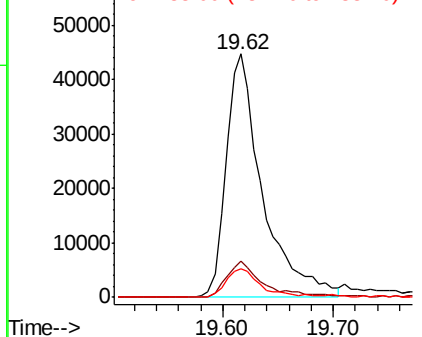


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.568 ng

RT: 19.79 min Scan# 2842

Delta R.T. -0.01 min

Lab File: BG043616.D

Acq: 13 Nov 2019 17:23

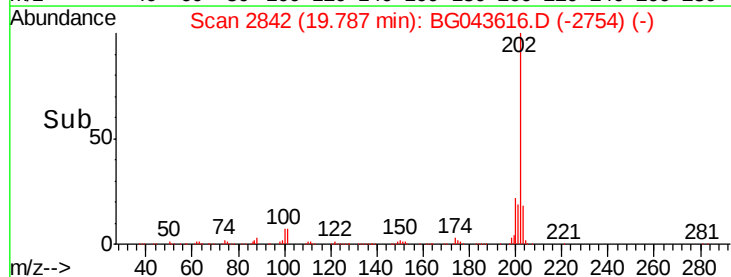
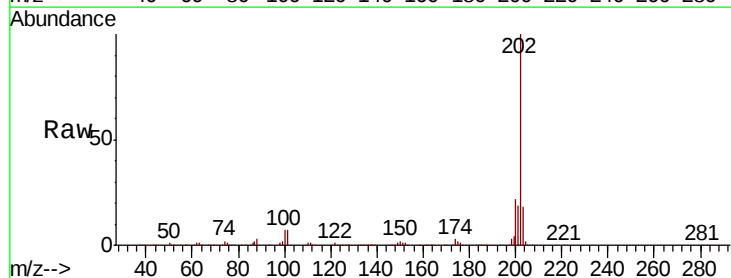
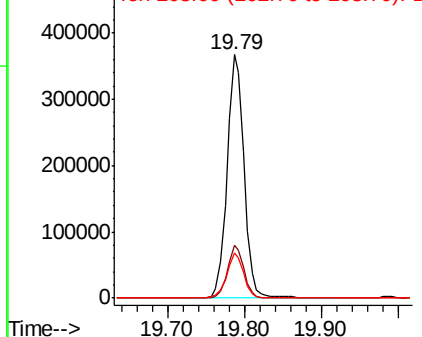
Tgt Ion:	202	Resp:	563433
Ion Ratio		Lower	Upper
202	100		
200	21.9	17.0	25.4
203	18.4	14.7	22.1

Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





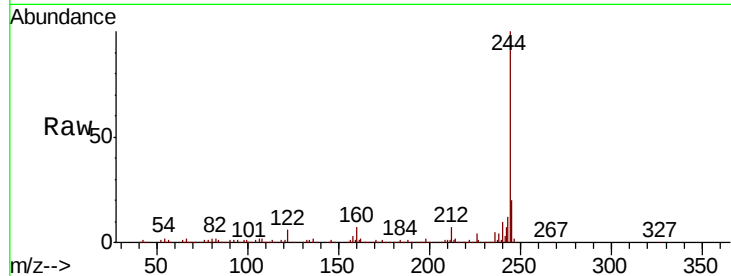
#79
 Terphenyl-d14
 Concen: 61.489 ng
 RT: 19.99 min Scan# 2876
 Delta R.T. -0.01 min
 Lab File: BG043616.D
 Acq: 13 Nov 2019 17:23

Instrument :
 BNA_G
 ClientSampleId :
 PB124701BS

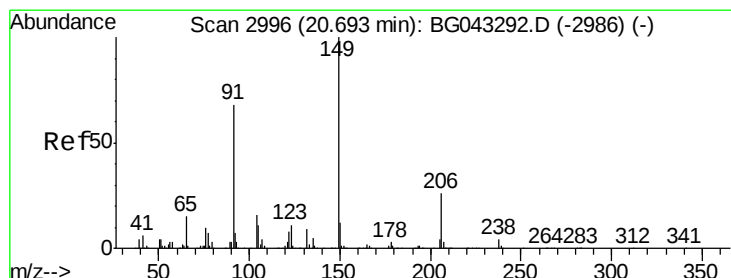
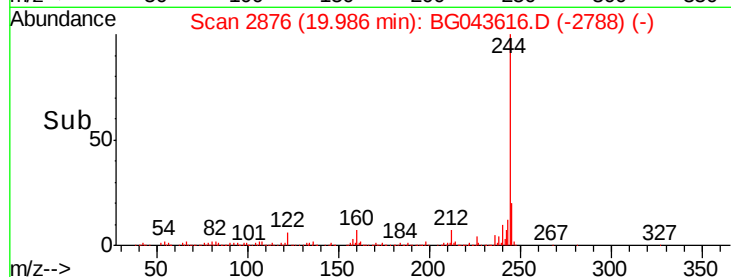
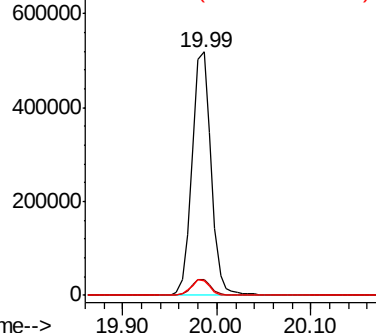
Tot Ion:	244	Resp:	735417
Ion Ratio	Lower	Upper	
244	100		
212	6.6	5.8	8.6
122	6.2	5.4	8.2

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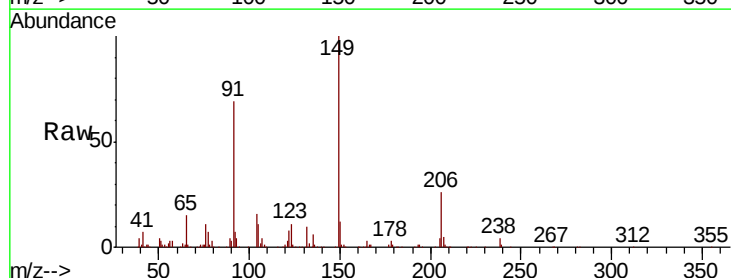


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

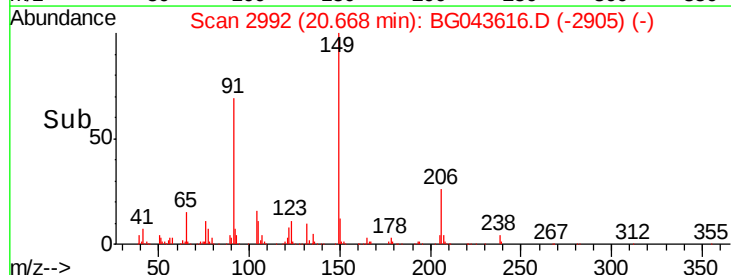
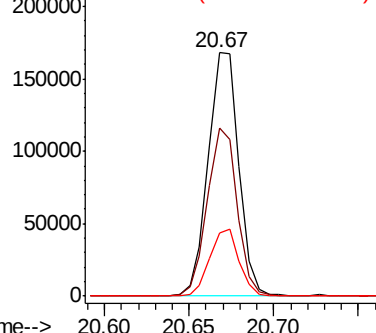


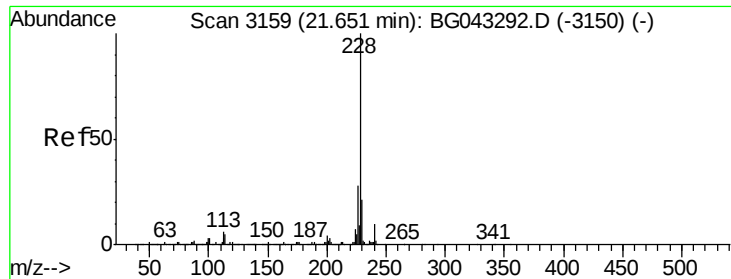
#80
 Butylbenzylphthalate
 Concen: 40.376 ng
 RT: 20.67 min Scan# 2992
 Delta R.T. -0.02 min
 Lab File: BG043616.D
 Acq: 13 Nov 2019 17:23

Tgt Ion:	149	Resp:	212453
Ion Ratio	Lower	Upper	
149	100		
91	69.0	51.2	76.8
206	25.7	22.5	33.7



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BG
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.795 ng

RT: 21.62 min Scan# 3154

Delta R.T. -0.02 min

Lab File: BG043616.D

Acq: 13 Nov 2019 17:23

Instrument :

BNA_G

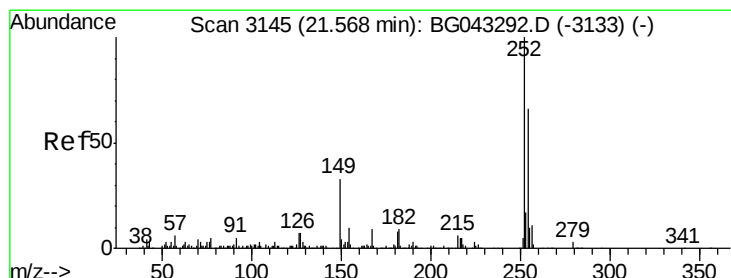
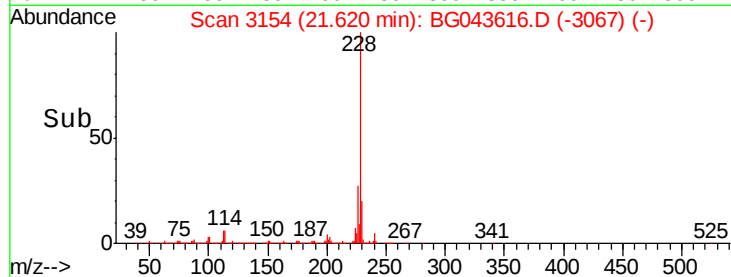
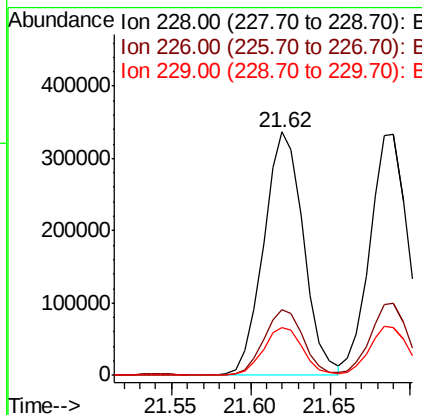
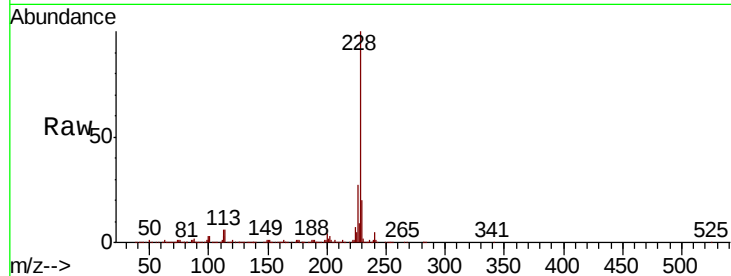
ClientSampleId :

PB124701BS

Tot Ion:	228	Resp:	587427
Ion Ratio	Lower	Upper	
228	100		
226	27.2	22.2	33.2
229	19.8	17.0	25.4

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#82

3,3'-Dichlorobenzidine

Concen: 36.036 ng

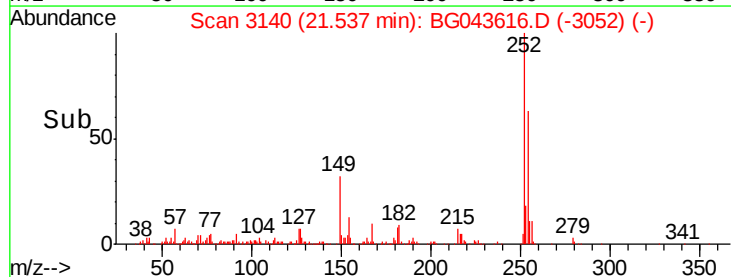
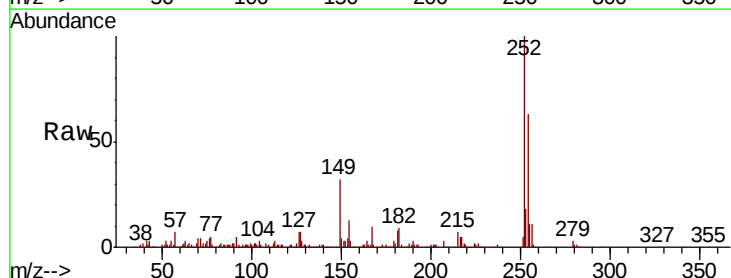
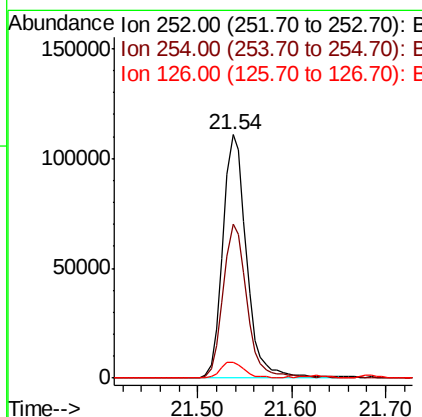
RT: 21.54 min Scan# 3140

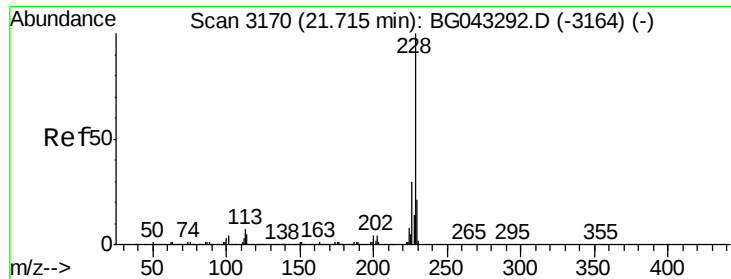
Delta R.T. -0.01 min

Lab File: BG043616.D

Acq: 13 Nov 2019 17:23

Tgt Ion:	252	Resp:	195899
Ion Ratio	Lower	Upper	
252	100		
254	63.4	50.8	76.2
126	6.6	6.1	9.1





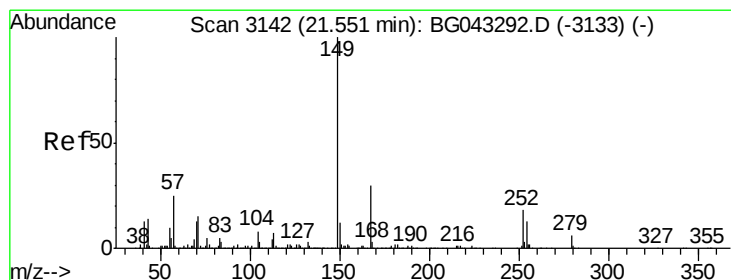
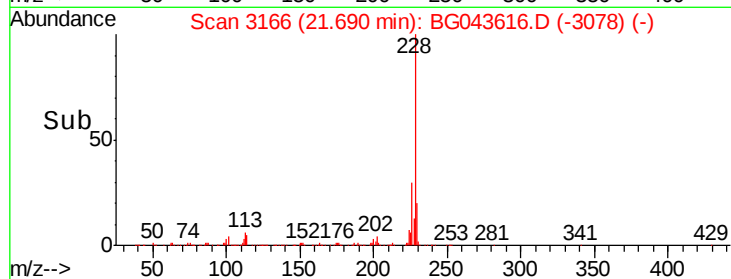
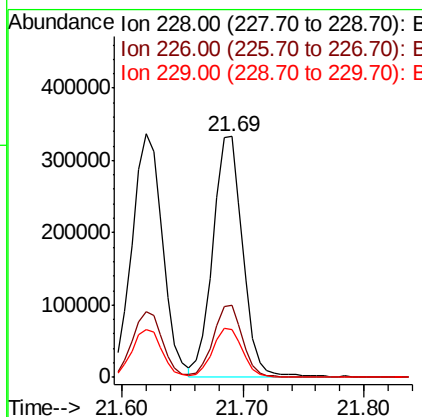
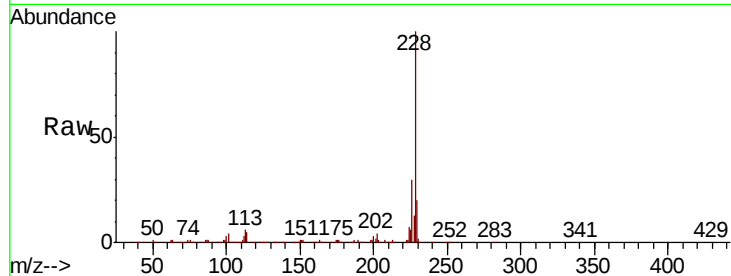
#83
 Chrvsene
 Concen: 40.503 ng
 RT: 21.69 min Scan# 3166
 Delta R.T. -0.01 min
 Lab File: BG043616.D
 Acq: 13 Nov 2019 17:23

Instrument :
 BNA_G
 ClientSampleId :
 PB124701BS

Tot Ion:	228	Resp:	565605
Ion Ratio	Lower	Upper	
228	100		
226	30.1	25.1	37.7
229	20.0	17.0	25.4

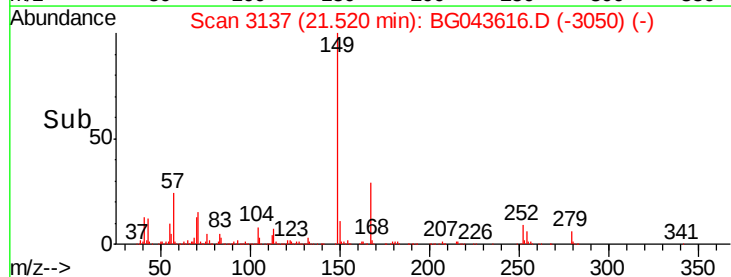
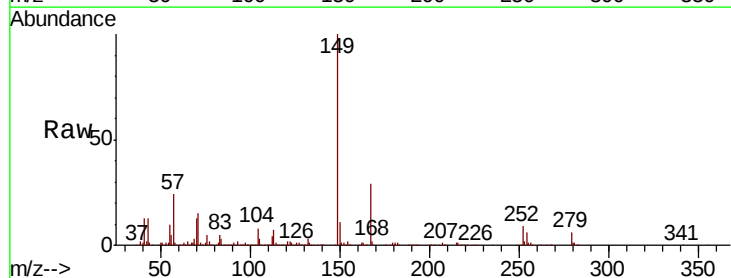
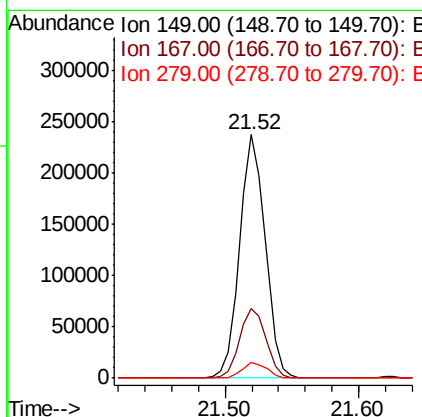
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.809 ng
 RT: 21.52 min Scan# 3137
 Delta R.T. -0.02 min
 Lab File: BG043616.D
 Acq: 13 Nov 2019 17:23

Tgt Ion:	149	Resp:	312501
Ion Ratio	Lower	Upper	
149	100		
167	28.7	24.0	36.0
279	6.3	5.4	8.2





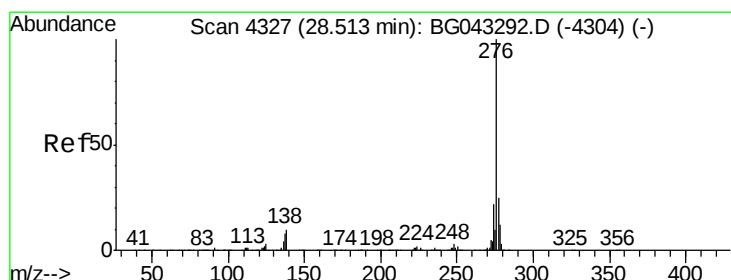
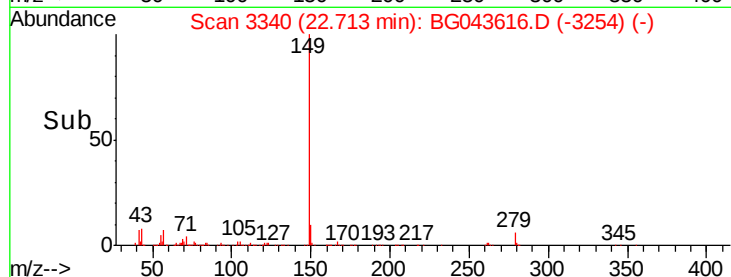
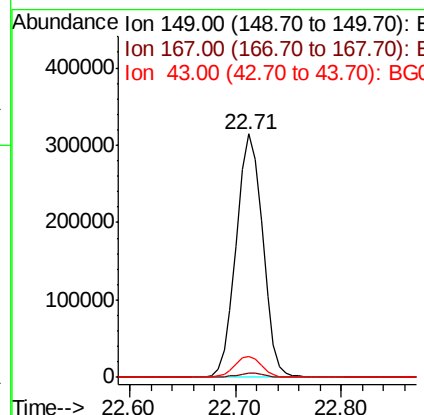
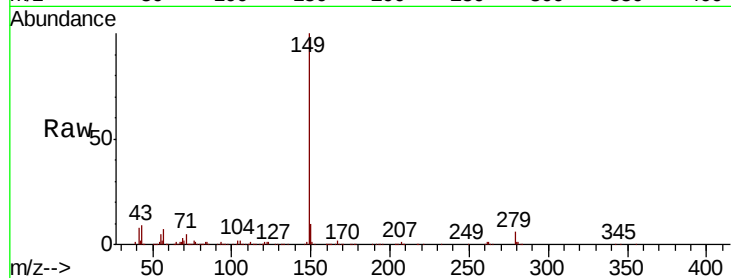
#85
Di-n-octyl phthalate
Concen: 42.916 ng
RT: 22.71 min Scan# 3340
Delta R.T. -0.02 min
Lab File: BG043616.D
Acq: 13 Nov 2019 17:23

Instrument :
BNA_G
ClientSampleId :
PB124701BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	544225		
167	1.8		1.4	2.2
43	8.5		7.0	10.6

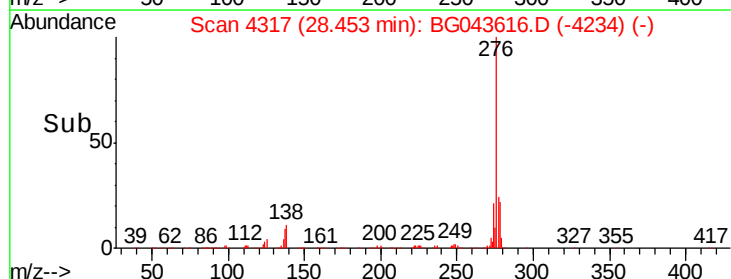
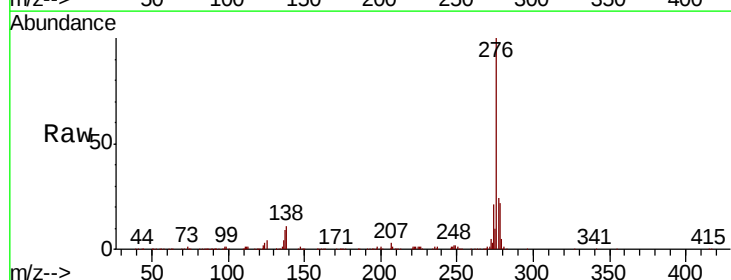
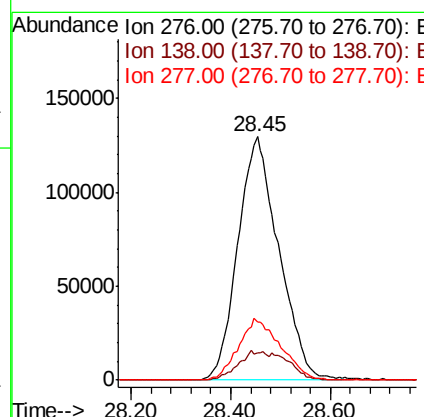
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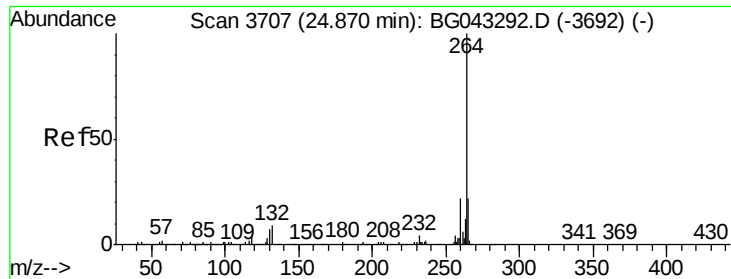
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#86
Indeno(1,2,3-cd)pyrene
Concen: 42.106 ng
RT: 28.45 min Scan# 4317
Delta R.T. -0.04 min
Lab File: BG043616.D
Acq: 13 Nov 2019 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	738080		
138	8.5		6.8	10.2
277	26.0		20.9	31.3





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.82 min Scan# 3699

Delta R.T. -0.03 min

Lab File: BG043616.D

Acq: 13 Nov 2019 17:23

Instrument :

BNA_G

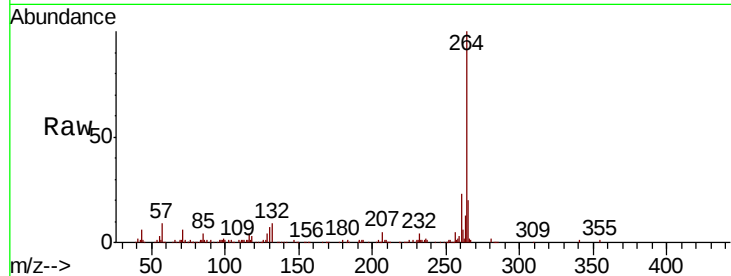
ClientSampleId :

PB124701BS

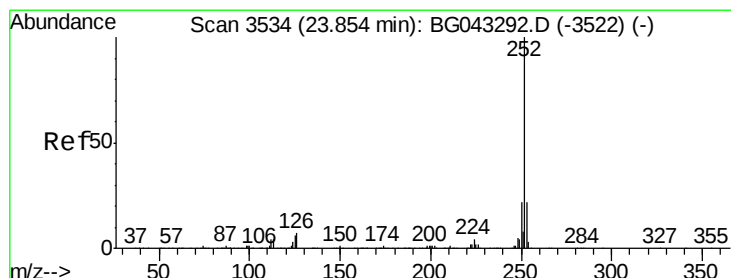
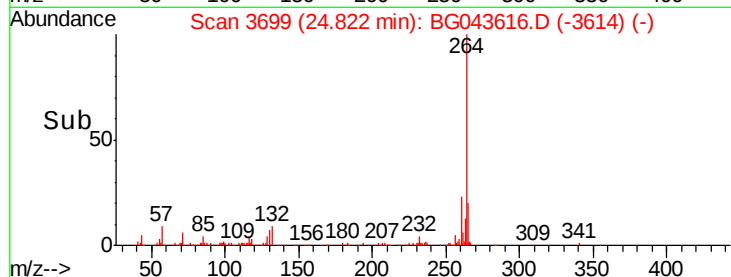
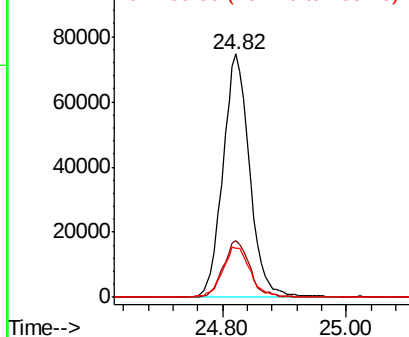
Tot Ion:	264	Resp:	223831
Ion Ratio	Lower	Upper	
264	100		
260	23.2	17.5	26.3
265	20.4	17.4	26.0

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



#88

Benzo(b)fluoranthene

Concen: 48.300 ng

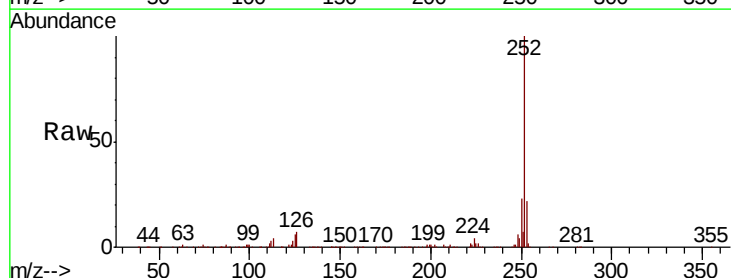
RT: 23.82 min Scan# 3528

Delta R.T. -0.02 min

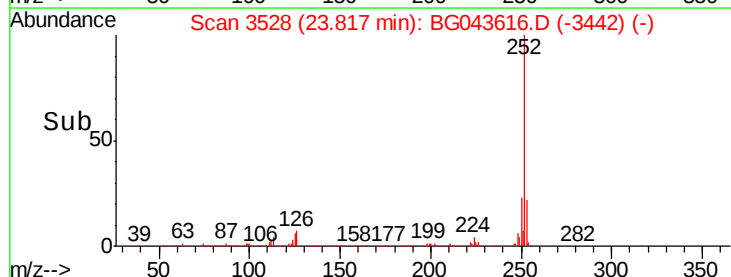
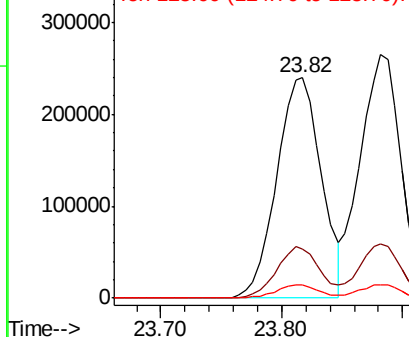
Lab File: BG043616.D

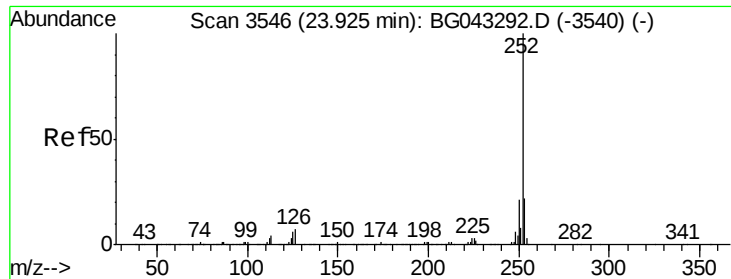
Acq: 13 Nov 2019 17:23

Tgt Ion:	252	Resp:	612296
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.7	26.5
125	6.1	4.5	6.7



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





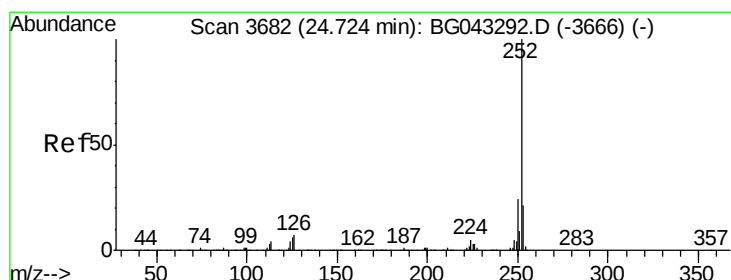
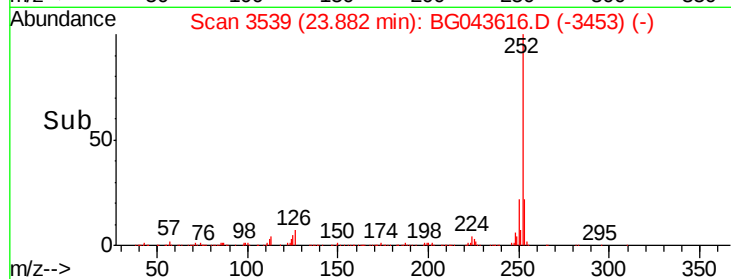
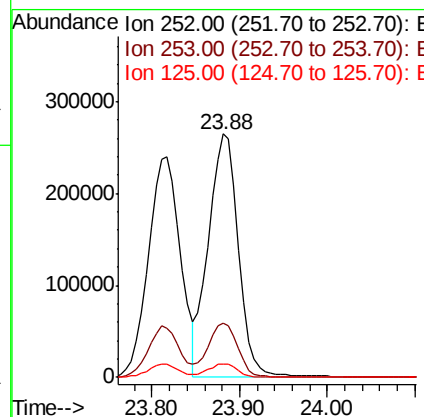
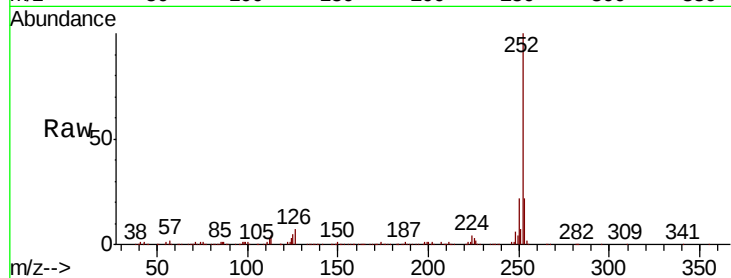
#89
Benzo(k)fluoranthene
Concen: 49.514 ng
RT: 23.88 min Scan# 3539
Delta R.T. -0.02 min
Lab File: BG043616.D
Acq: 13 Nov 2019 17:23

Instrument :
BNA_G
ClientSampleId :
PB124701BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.3	25.9
125	5.4	4.6	6.8

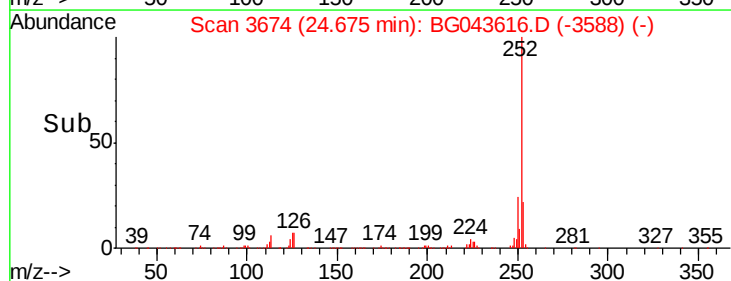
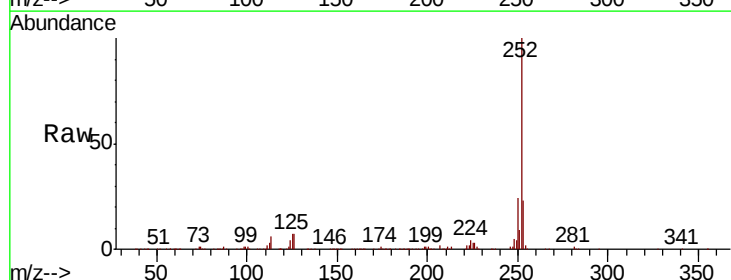
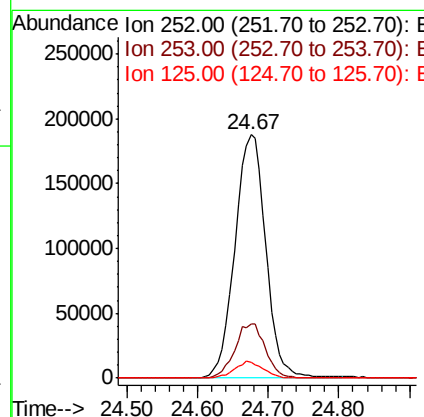
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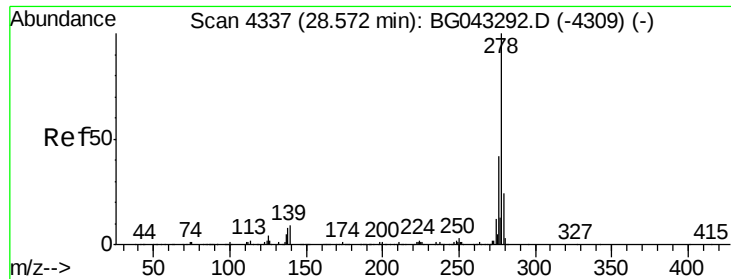
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#90
Benzo(a)pyrene
Concen: 47.077 ng
RT: 24.67 min Scan# 3674
Delta R.T. -0.02 min
Lab File: BG043616.D
Acq: 13 Nov 2019 17:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	6.6	5.4	8.2





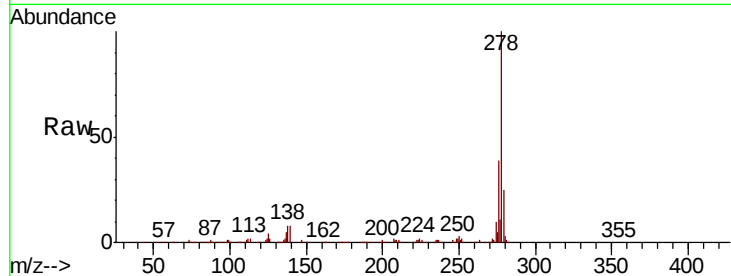
#91
Dibenzo(a,h)anthracene
Concen: 50.861 ng
RT: 28.51 min Scan# 4326
Delta R.T. -0.05 min
Lab File: BG043616.D
Acq: 13 Nov 2019 17:23

Instrument :
BNA_G
ClientSampleId :
PB124701BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	7.9	7.4	11.0
279	24.5	19.1	28.7

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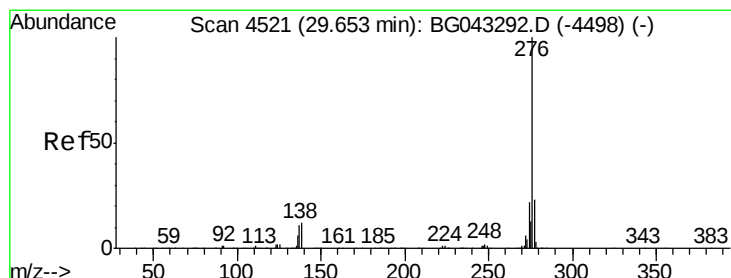
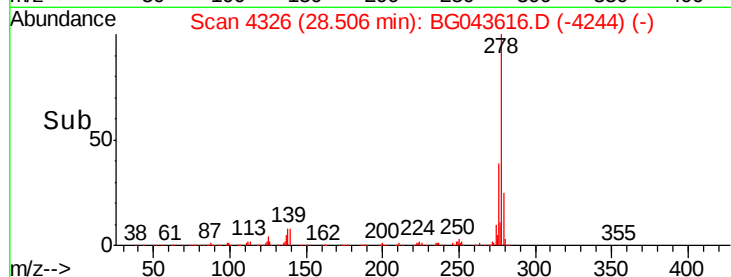
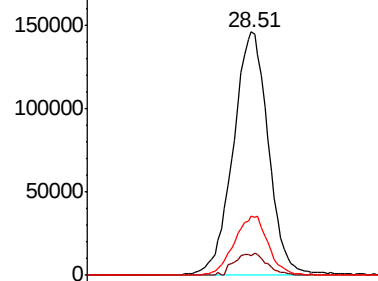


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 50.770 ng
RT: 29.58 min Scan# 4509
Delta R.T. -0.05 min
Lab File: BG043616.D
Acq: 13 Nov 2019 17:23

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.8	18.9	28.3
138	11.6	8.9	13.3

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

