

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102819\
 Data File : BG043354.D
 Acq On : 28 Oct 2019 17:39
 Operator : JU
 Sample : PB124310BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124310BSD

Manual Integrations
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 10/29/2019 3:34:38 PM

Quant Time: Oct 29 13:31:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	31438	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	128085	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	102412	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	241610	20.00	ng	0.00
76) Chrysene-d12	21.66	240	274282	20.00	ng	0.00
87) Perylene-d12	24.86	264	326721	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	236696	137.96	ng	0.00
7) Phenol-d6	7.22	99	318187	128.90	ng	0.02
23) Nitrobenzene-d5	9.19	82	156938	63.17	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	207741	106.59	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	435133	58.71	ng	0.00
79) Terphenyl-d14	20.00	244	886671	60.65	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.49	88	30433	45.520	ng	96
3) Pyridine	3.89	79	67935	40.282	ng	95
4) n-Nitrosodimethylamine	3.80	42	41823	49.145	ng	# 90
6) Aniline	7.35	93	103677	36.461	ng	98
8) 2-Chlorophenol	7.60	128	94554	49.927	ng	95
9) Benzaldehyde	7.17	77	52604	43.364	ng	90
10) Phenol	7.24	94	115325	51.128	ng	95
11) bis(2-Chloroethyl)ether	7.44	93	77506	44.444	ng	91
12) 1,3-Dichlorobenzene	7.91	146	106214	44.762	ng	99
13) 1,4-Dichlorobenzene	8.06	146	106503	44.363	ng	98
14) 1,2-Dichlorobenzene	8.38	146	101192	43.170	ng	97
15) Benzyl Alcohol	8.27	79	81049	46.753	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.55	45	107750	42.492	ng	99
17) 2-Methylphenol	8.49	107	80598	49.016	ng	97
18) Hexachloroethane	9.10	117	37613	43.425	ng	96
19) n-Nitroso-di-n-propylamine	8.83	70	68166	42.737	ng	99
20) 3+4-Methylphenols	8.82	107	107100	47.499	ng	88
22) Acetophenone	8.85	105	134757	41.083	ng	99
24) Nitrobenzene	9.23	77	105132	44.421	ng	98
25) Isophorone	9.74	82	193407	42.579	ng	99
26) 2-Nitrophenol	9.94	139	54421	47.629	ng	90
27) 2,4-Dimethylphenol	10.02	122	85377	52.133	ng	96
28) bis(2-Chloroethoxy)methane	10.23	93	103186	41.160	ng	98
29) 2,4-Dichlorophenol	10.49	162	99659	47.495	ng	94
30) 1,2,4-Trichlorobenzene	10.69	180	112819	42.660	ng	98
31) Naphthalene	10.88	128	285191	43.865	ng	99
32) Benzoic acid	10.17	122	40304	35.204	ng	91
33) 4-Chloroaniline	11.00	127	57665	21.637	ng	99
34) Hexachlorobutadiene	11.17	225	79419	40.624	ng	96
35) Caprolactam	11.77	113	28193	39.012	ng	# 90
36) 4-Chloro-3-methylphenol	12.13	107	104525	45.668	ng	98
37) 2-Methylnaphthalene	12.48	142	221348	44.372	ng	96
38) 1-Methylnaphthalene	12.70	142	211467	44.553	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	140964	37.192	ng	# 98

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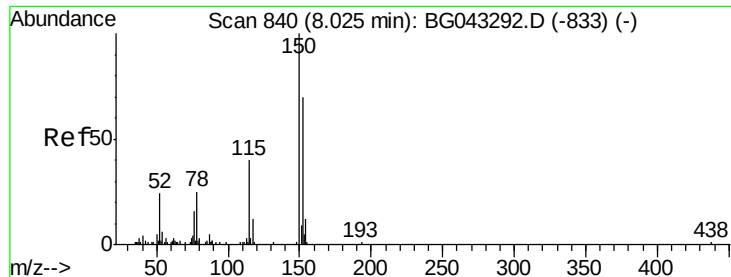
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	192639	96.756	nq	96
43) 2,4,6-Trichlorophenol	13.09	196	91734	41.099	nq	96
44) 2,4,5-Trichlorophenol	13.18	196	97755	43.321	nq	97
46) 1,1'-Biphenyl	13.49	154	296413	38.046	nq	96
47) 2-Chloronaphthalene	13.53	162	229768	38.760	nq	99
48) 2-Nitroaniline	13.74	65	67237	37.950	nq	98
49) Acenaphthylene	14.37	152	372431	40.368	nq	96
50) Dimethylphthalate	14.10	163	306296	38.613	nq	100
51) 2,6-Dinitrotoluene	14.22	165	69649	40.416	nq	97
52) Acenaphthene	14.72	154	220336	39.162	nq	98
53) 3-Nitroaniline	14.56	138	40728	24.478	nq	91
54) 2,4-Dinitrophenol	14.77	184	76178	71.627	nq	93
55) Dibenzofuran	15.05	168	364284	39.926	nq	99
56) 4-Nitrophenol	14.90	139	100137	89.810	nq	93
57) 2,4-Dinitrotoluene	15.02	165	97899	39.751	nq	97
58) Fluorene	15.70	166	302137	39.483	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	98724	41.178	nq	# 98
60) Diethylphthalate	15.46	149	309179	38.791	nq	98
61) 4-Chlorophenyl-phenylether	15.69	204	178765	40.044	nq	99
62) 4-Nitroaniline	15.73	138	60530	35.226	nq	97
63) Azobenzene	15.98	77	254603	39.469	nq	97
65) 4,6-Dinitro-2-methylphenol	15.78	198	60242	42.368	nq	98
66) n-Nitrosodiphenylamine	15.90	169	272682	39.975	nq	99
67) 4-Bromophenyl-phenylether	16.58	248	124096	38.165	nq	97
68) Hexachlorobenzene	16.71	284	139255	37.310	nq	95
69) Atrazine	16.85	200	118726	50.090	nq	95
70) Pentachlorophenol	17.05	266	157114	92.382	nq	96
71) Phenanthrene	17.44	178	487475	39.401	nq	98
72) Anthracene	17.53	178	511575	41.327	nq	100
73) Carbazole	17.81	167	454033	40.503	nq	99
74) Di-n-butylphthalate	18.35	149	550416	40.467	nq	99
75) Fluoranthene	19.45	202	668066	41.419	nq	99
77) Benzidine	19.63	184	297420	53.880	nq	98
78) Pyrene	19.81	202	680172	40.063	nq	100
80) Butylbenzylphthalate	20.69	149	249903	38.852	nq	98
81) Benzo(a)anthracene	21.64	228	698428	40.652	nq	99
82) 3,3'-Dichlorobenzidine	21.56	252	198546	29.878	nq	97
83) Chrysene	21.71	228	682379	39.974	nq	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	371648	40.675	nq	99
85) Di-n-octyl phthalate	22.75	149	628776	40.562	nq	99
86) Indeno(1,2,3-cd)pyrene	28.50	276	880854	41.108	nq	99
88) Benzo(b)fluoranthene	23.85	252	742580m	40.130	nq	
89) Benzo(k)fluoranthene	23.92	252	747212	40.111	nq	100
90) Benzo(a)pyrene	24.71	252	683549	38.683	nq	97
91) Dibenzo(a,h)anthracene	28.56	278	746877	41.323	nq	99
92) Benzo(g,h,i)perylene	29.64	276	735539	41.257	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.02 min Scan# 840

Delta R.T. -0.00 min

Lab File: BG043354.D

Acq: 28 Oct 2019 17:39

Instrument :

BNA_G

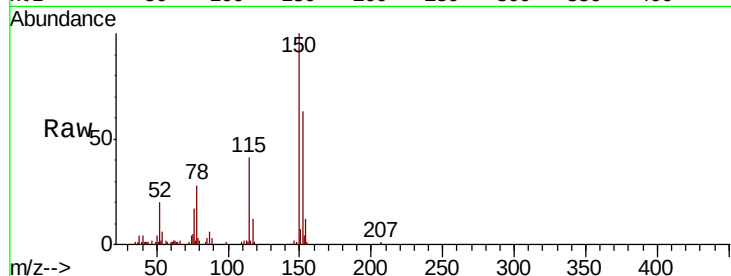
ClientSampleId :

PB124310BSD

Tot Ion:	152	Resp:	31438
Ion Ratio	Lower	Upper	
152	100		
150	158.3	113.6	170.4
115	64.4	45.9	68.9

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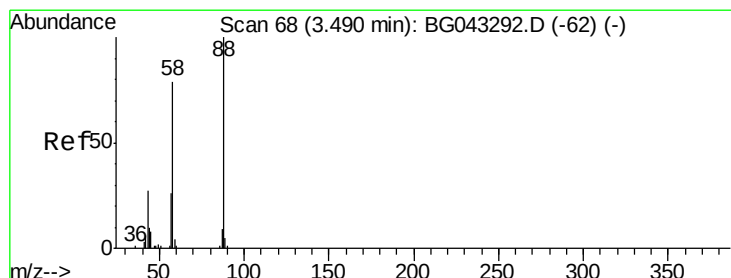
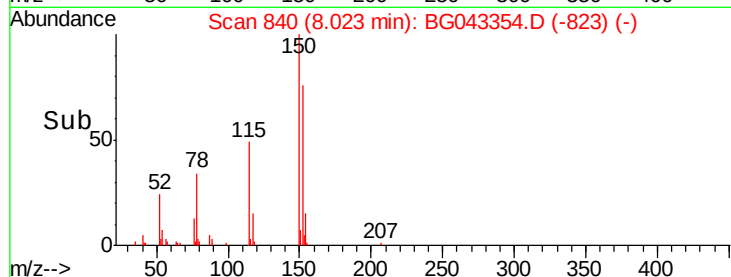
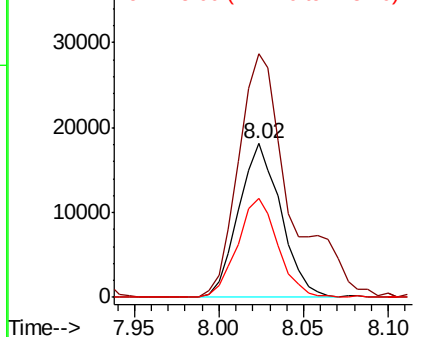


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 45.520 ng

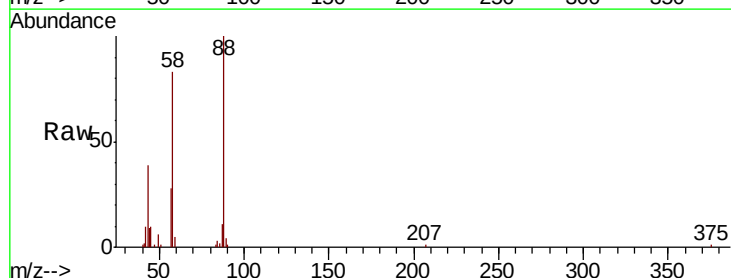
RT: 3.49 min Scan# 68

Delta R.T. -0.00 min

Lab File: BG043354.D

Acq: 28 Oct 2019 17:39

Tgt Ion:	88	Resp:	30433
Ion Ratio	Lower	Upper	
88	100		
58	79.2	60.2	90.2
43	30.1	22.7	34.1

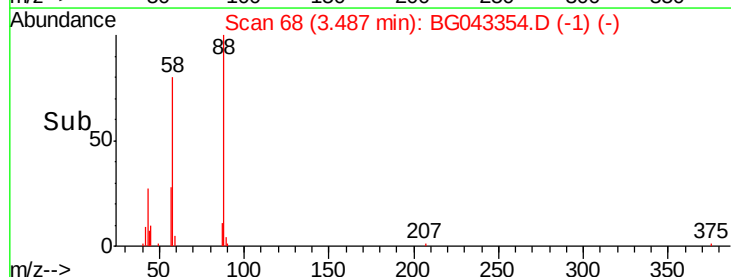
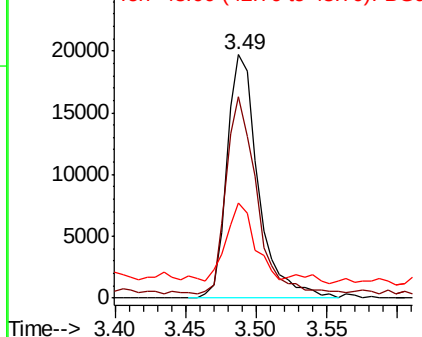


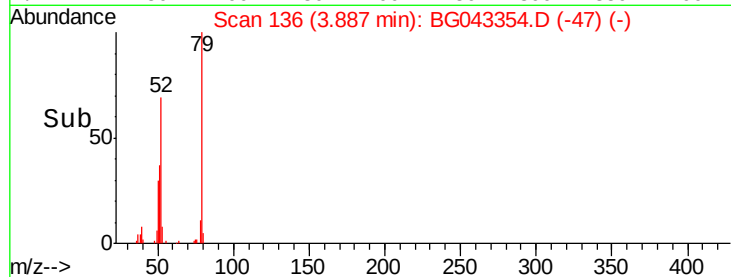
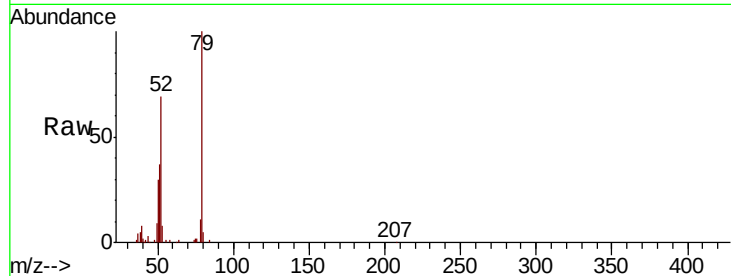
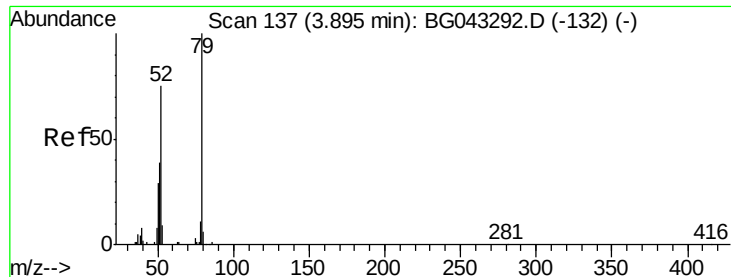
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





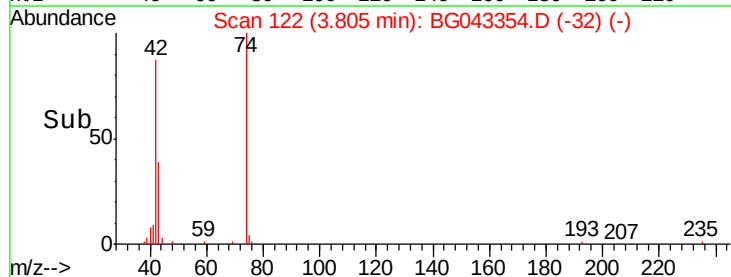
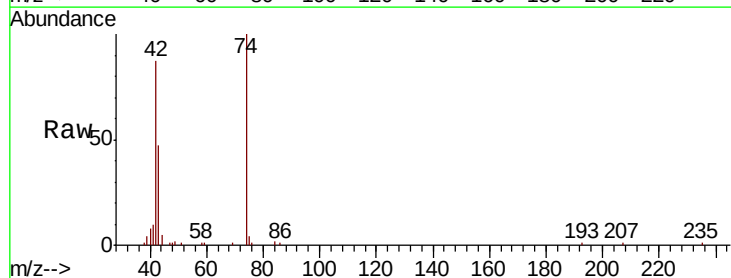
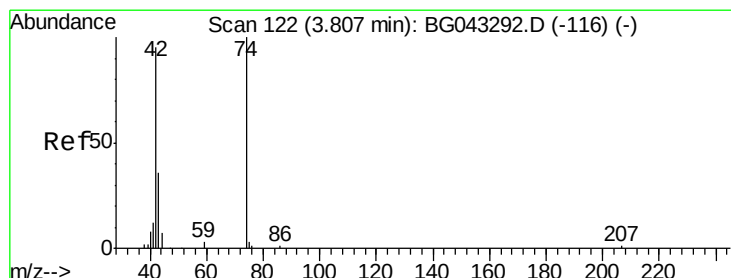
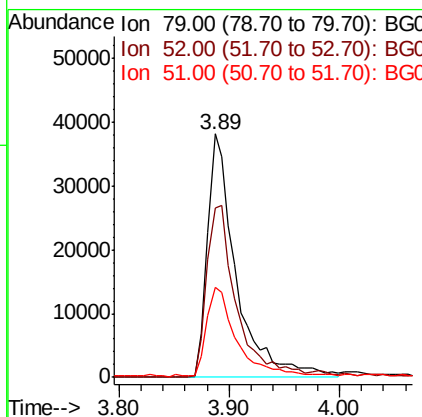
#3
 Pvridine
 Concen: 40.282 ng
 RT: 3.89 min Scan# 136
 Delta R.T. -0.01 min
 Lab File: BG043354.D
 Acq: 28 Oct 2019 17:39

Tot Ion:	79	Resp:	67935
Ion	Ratio	Lower	Upper
79	100		
52	69.3	59.7	89.5
51	37.2	31.8	47.6

Instrument :
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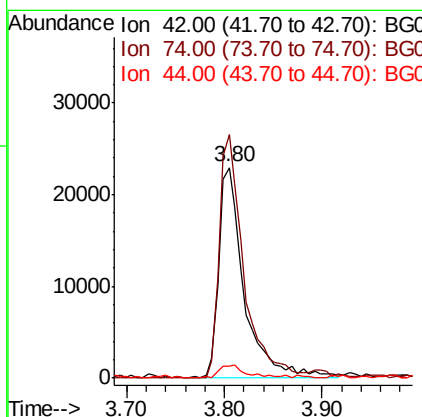
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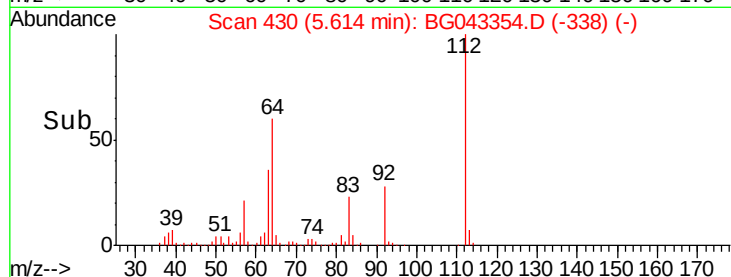
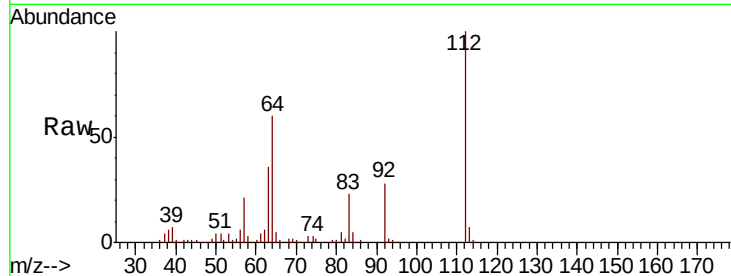
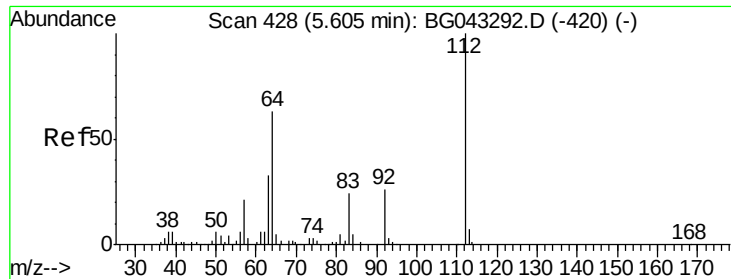
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#4
 n-Nitrosodimethylamine
 Concen: 49.145 ng
 RT: 3.80 min Scan# 122
 Delta R.T. -0.00 min
 Lab File: BG043354.D
 Acq: 28 Oct 2019 17:39

Tgt Ion:	42	Resp:	41823
Ion	Ratio	Lower	Upper
42	100		
74	115.5	84.2	126.2
44	5.4	6.0	9.0





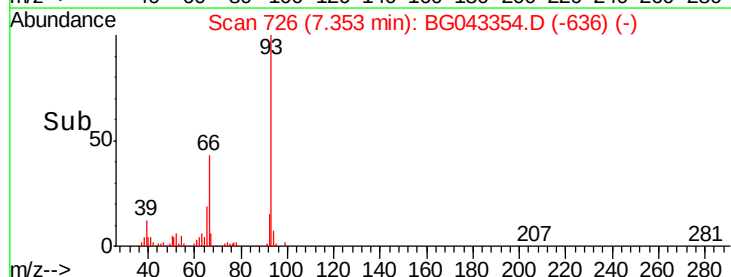
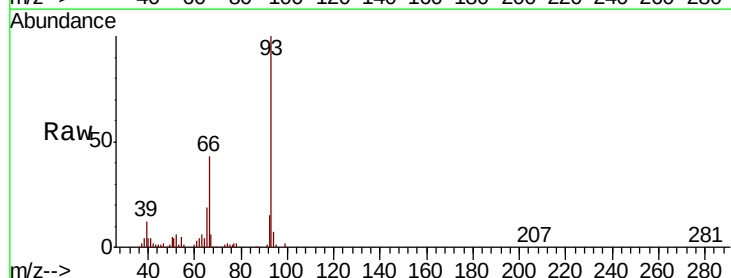
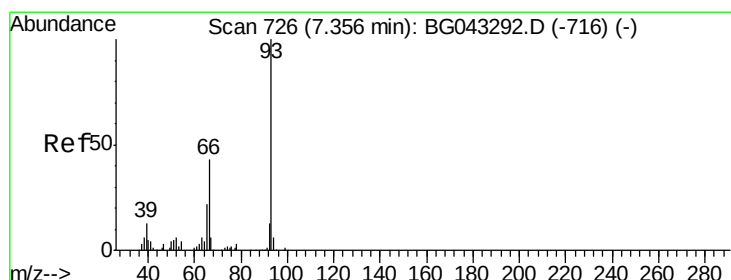
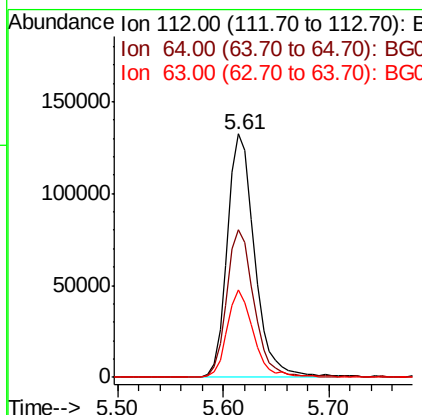
#5
2-Fluorophenol
Concen: 137.965 ng
RT: 5.61 min Scan# 430
Delta R.T. 0.01 min
Lab File: BG043354.D
Acq: 28 Oct 2019 17:39

Tot Ion	Ratio	Resp	Lower	Upper
112	100	236696		
64	60.4		50.2	75.2
63	35.9		26.7	40.1

Instrument :
BNA_G
ClientSampleId :
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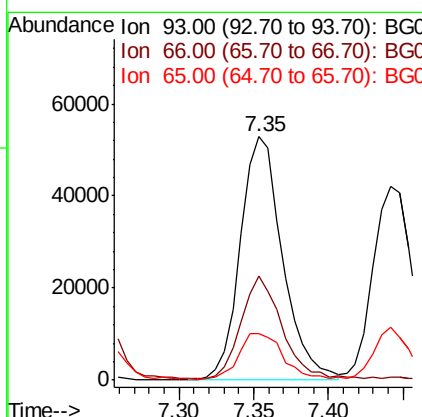
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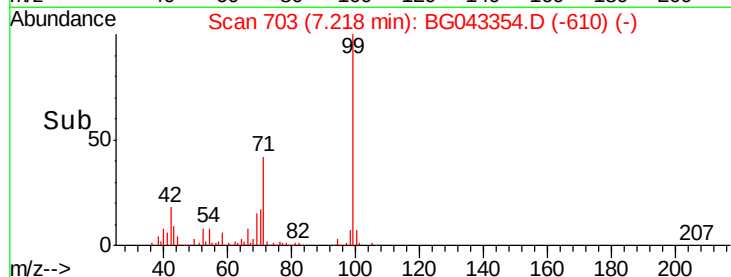
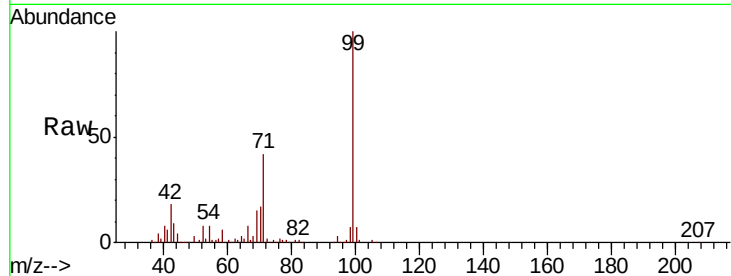
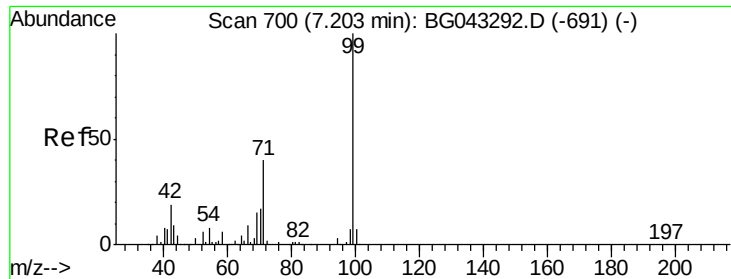
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#6
Aniline
Concen: 36.461 ng
RT: 7.35 min Scan# 726
Delta R.T. -0.00 min
Lab File: BG043354.D
Acq: 28 Oct 2019 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	103677		
66	42.9		34.5	51.7
65	19.3		18.0	27.0





#7

Phenol-d6

Concen: 128.905 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.02 min

Lab File: BG043354.D

Acq: 28 Oct 2019 17:39

Tot Ion:	99	Resp:	318187
Ion Ratio	Lower	Upper	
99	100		
42	17.8	14.9	22.3
71	41.8	32.2	48.2

Instrument :

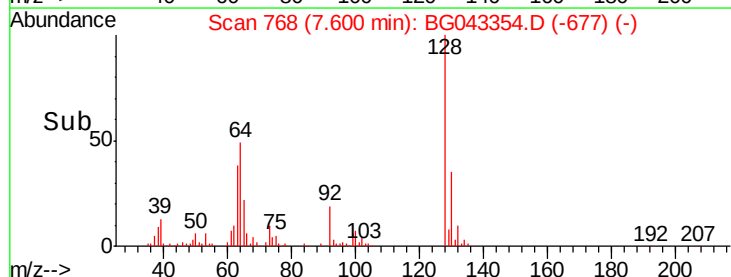
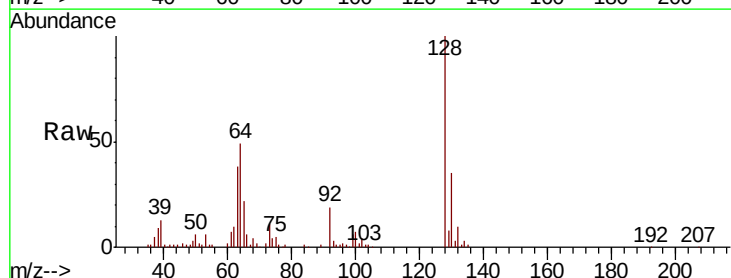
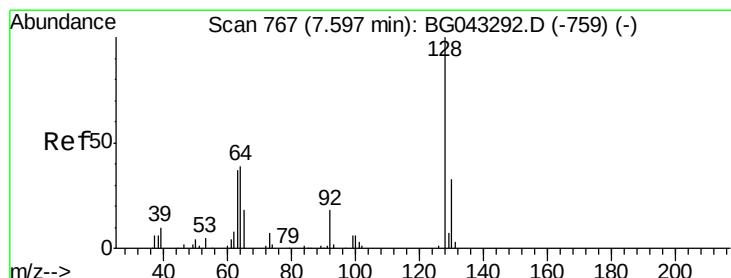
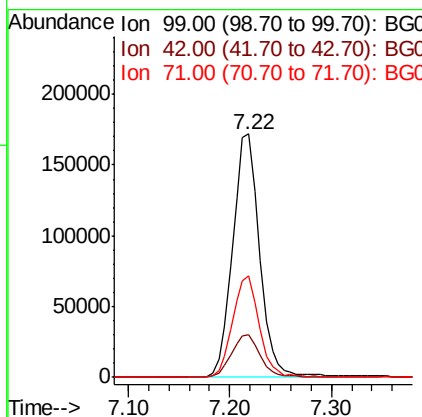
BNA_G

ClientSampleId :

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#8

2-Chlorophenol

Concen: 49.927 ng

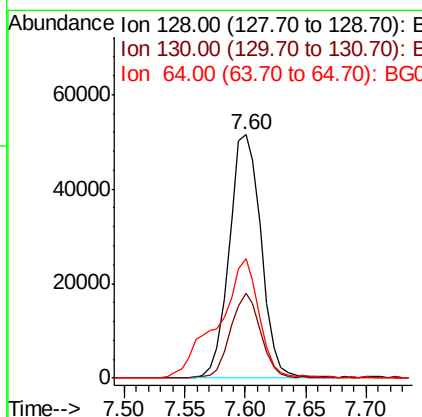
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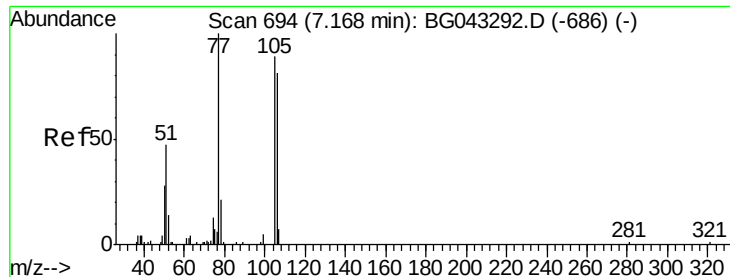
Delta R.T. 0.00 min

Lab File: BG043354.D

Acq: 28 Oct 2019 17:39

Tgt Ion:	128	Resp:	94554
Ion Ratio	Lower	Upper	
128	100		
130	34.8	12.9	52.9
64	49.2	24.9	64.9





#9

Benzaldehyde

Concen: 43.364 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG043354.D

Acq: 28 Oct 2019 17:39

Instrument :

BNA_G

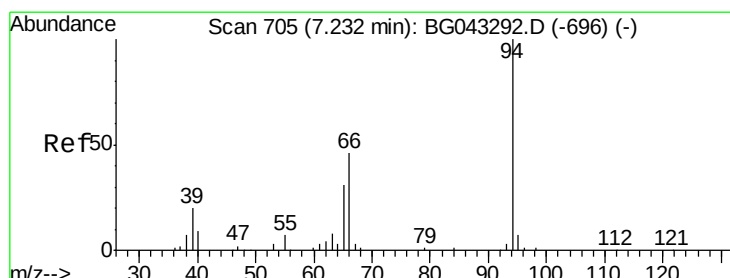
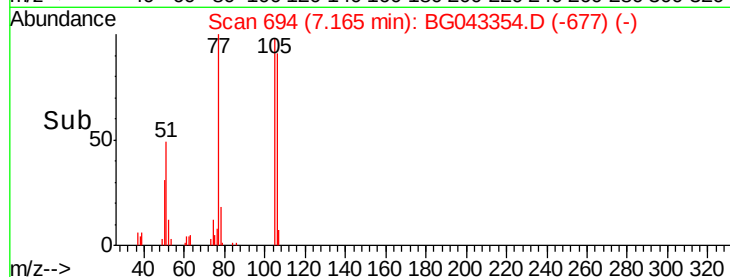
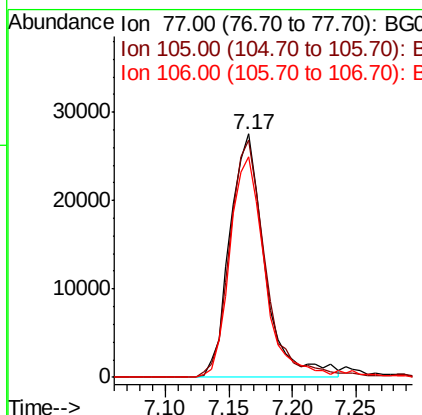
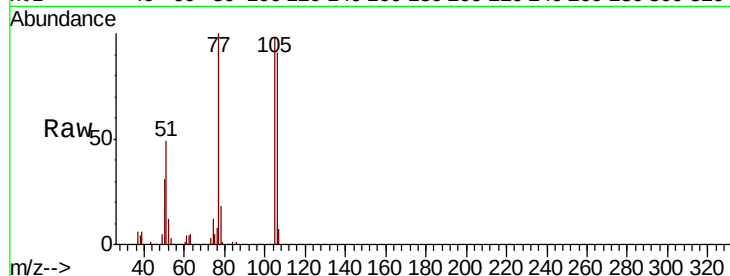
ClientSampleId :

PB124310BSD

Tot Ion:	77	Resp:	52604
Ion	Ratio	Lower	Upper
77	100		
105	97.6	68.7	108.7
106	90.7	60.5	100.5

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#10

Phenol

Concen: 51.128 ng

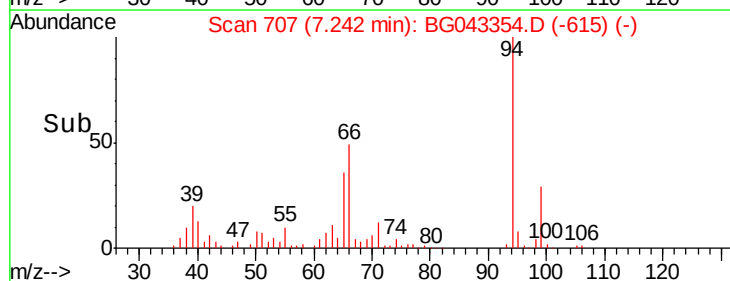
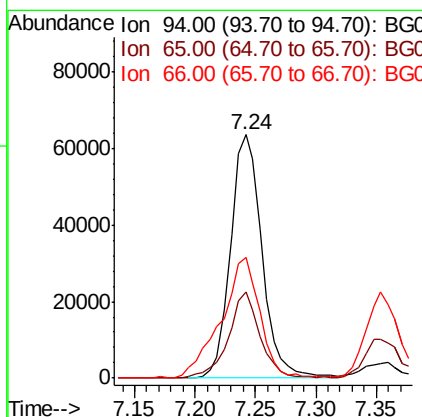
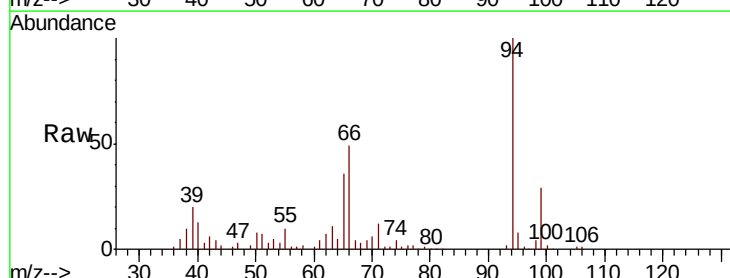
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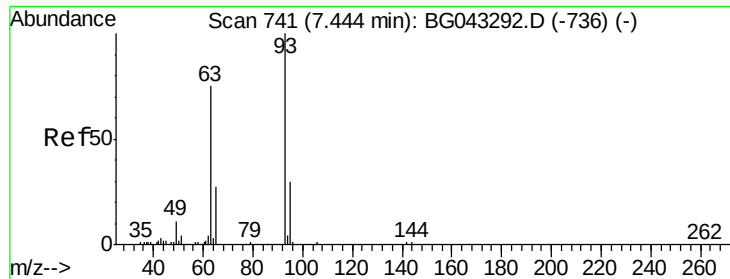
Delta R.T. 0.01 min

Lab File: BG043354.D

Acq: 28 Oct 2019 17:39

Tgt Ion:	94	Resp:	115325
Ion	Ratio	Lower	Upper
94	100		
65	35.5	11.1	51.1
66	49.4	27.8	67.8





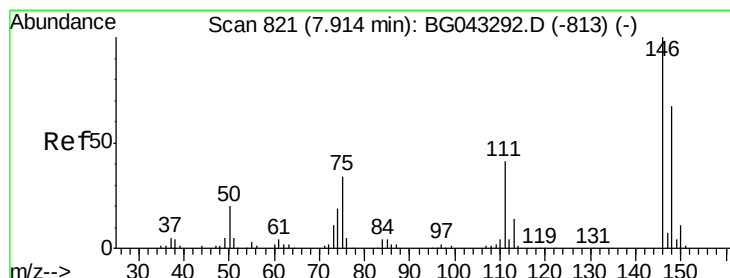
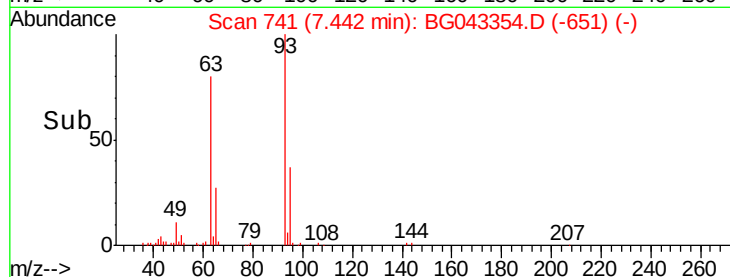
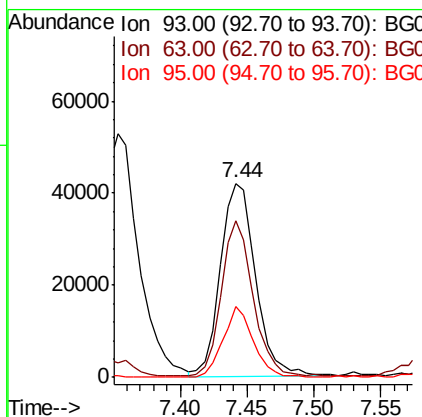
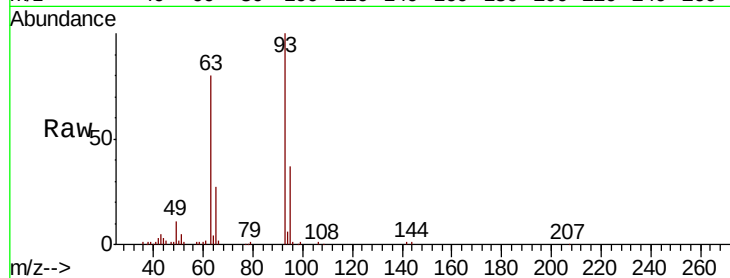
#11
bis(2-Chloroethyl)ether
Concen: 44.444 ng
RT: 7.44 min Scan# 741
Delta R.T. -0.00 min
Lab File: BG043354.D
Acq: 28 Oct 2019 17:39

Instrument :
BNA_G
ClientSampleId :
PB124310BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	80.4	54.6	94.6
95	36.6	9.7	49.7

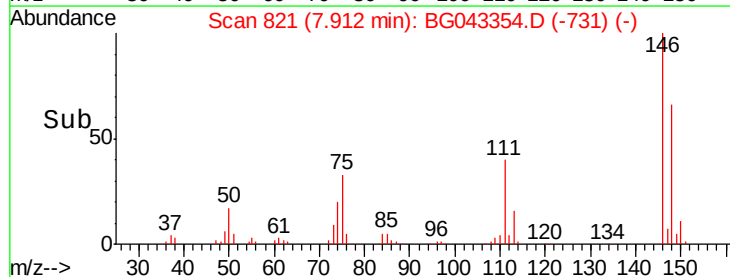
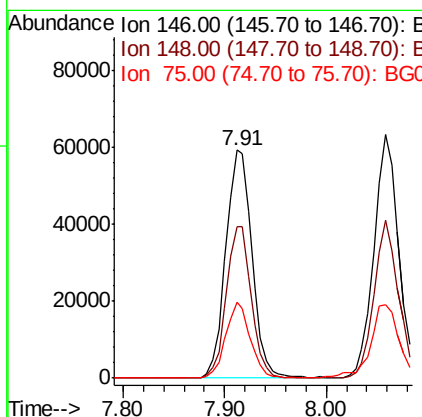
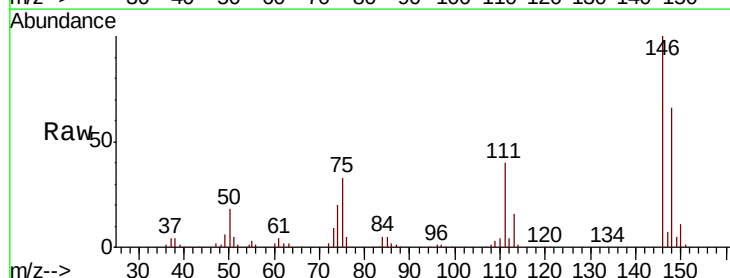
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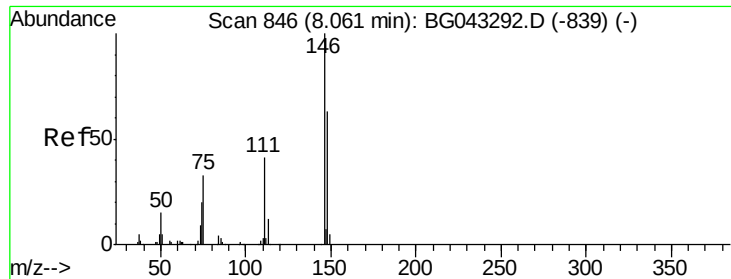
mohammad
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#12
1,3-Dichlorobenzene
Concen: 44.762 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.00 min
Lab File: BG043354.D
Acq: 28 Oct 2019 17:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.5	53.4	80.2
75	33.2	27.0	40.4





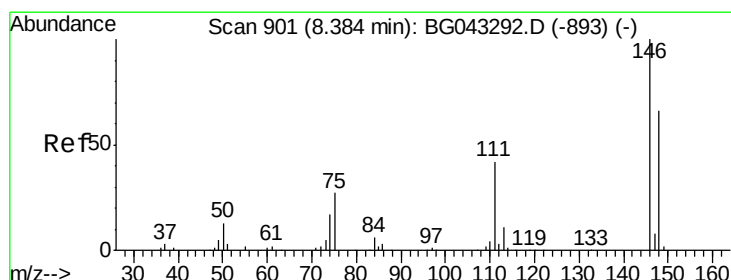
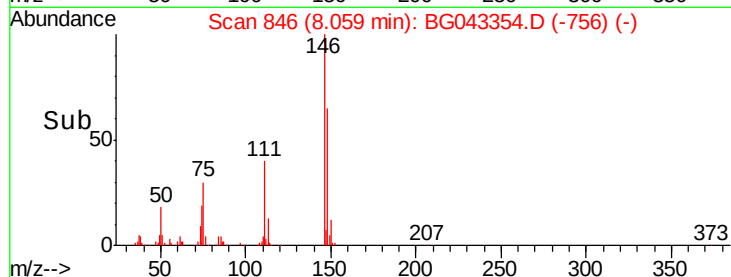
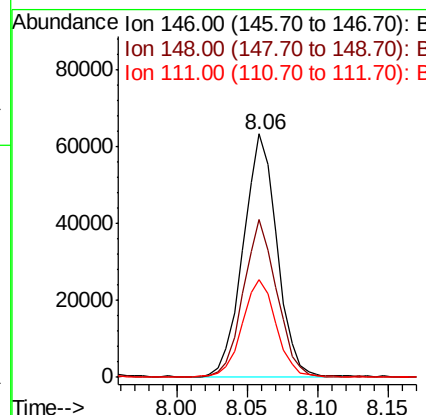
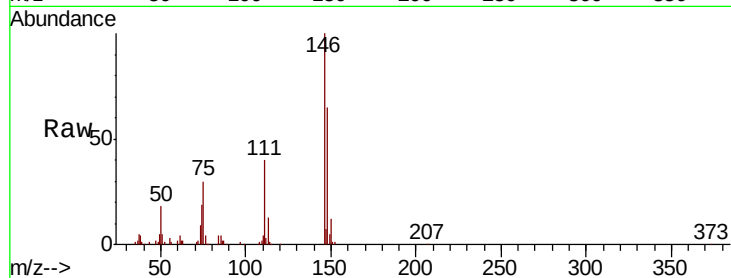
#13
1,4-Dichlorobenzene
Concen: 44.363 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG043354.D
Acq: 28 Oct 2019 17:39

Instrument :
BNA_G
ClientSampleId :
PB124310BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	50.7	76.1
111	39.9	33.0	49.6

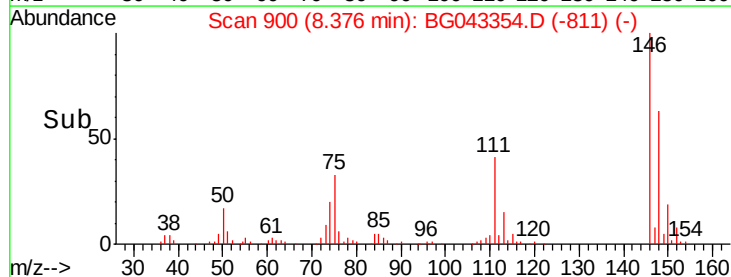
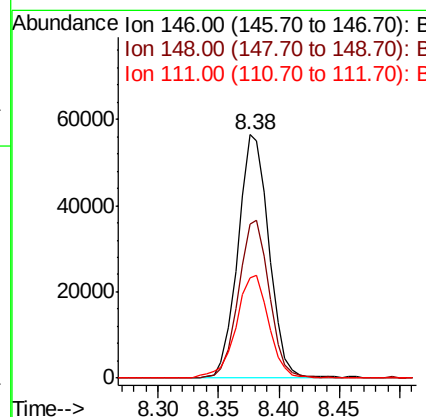
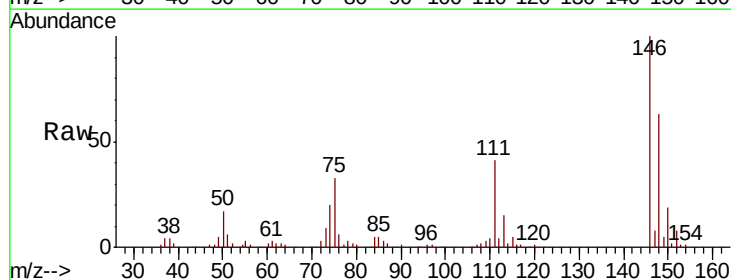
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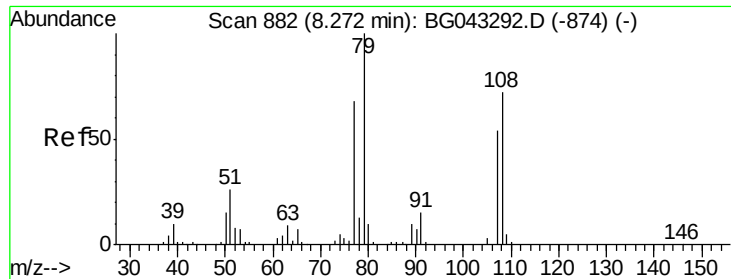
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#14
1,2-Dichlorobenzene
Concen: 43.170 ng
RT: 8.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BG043354.D
Acq: 28 Oct 2019 17:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	53.0	79.4
111	41.1	34.5	51.7





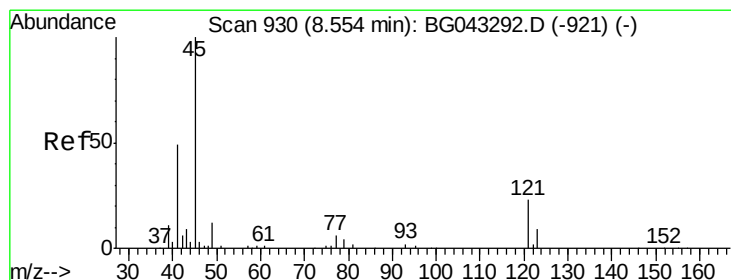
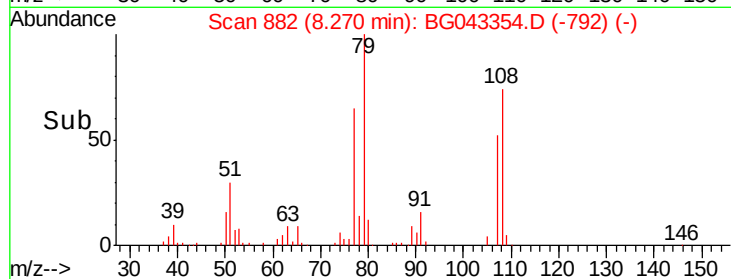
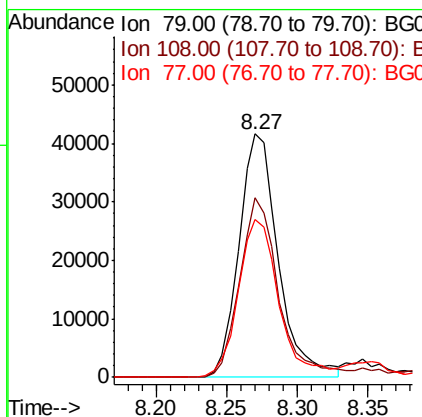
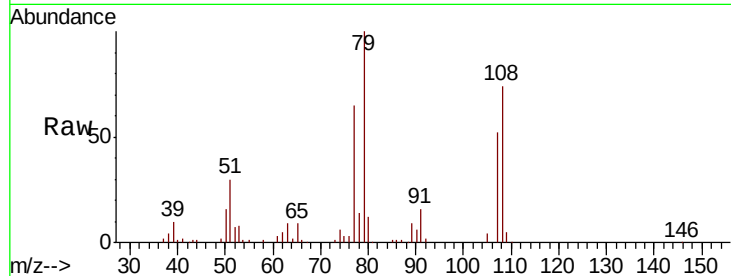
#15
Benzyl Alcohol
Concen: 46.753 ng
RT: 8.27 min Scan# 882
Delta R.T. -0.00 min
Lab File: BG043354.D
Acq: 28 Oct 2019 17:39

Instrument :
BNA_G
ClientSampleId :
PB124310BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	73.6	57.3	85.9
77	64.9	54.6	81.8

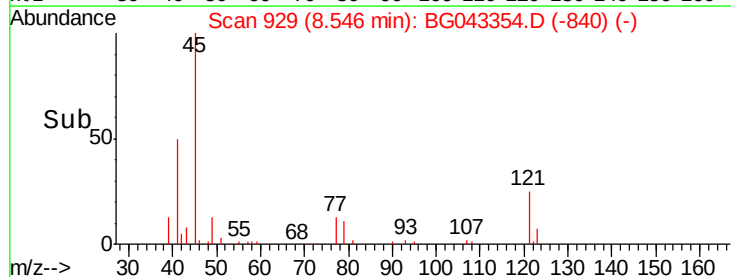
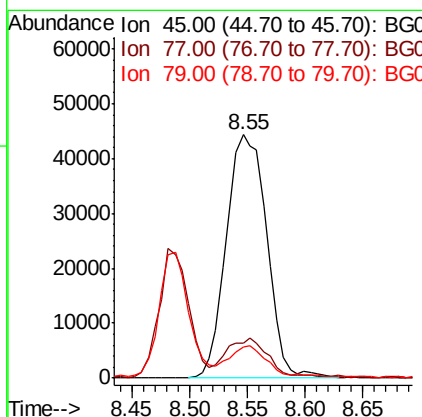
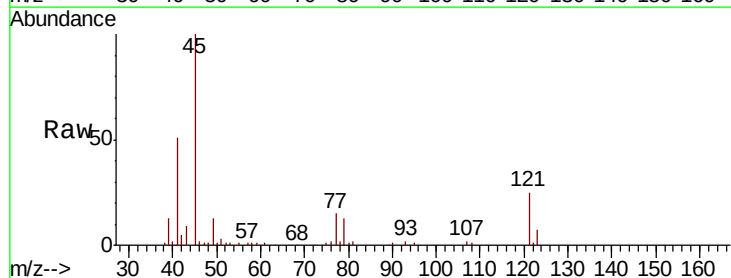
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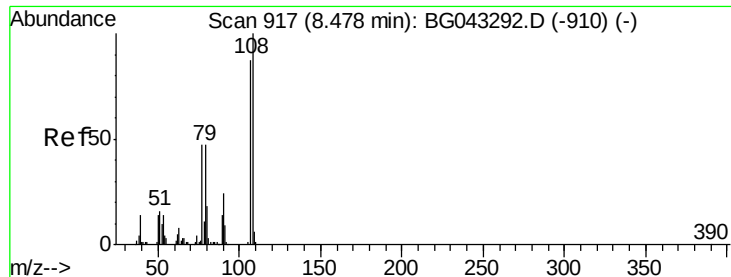
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#16
2,2'-oxybis(1-chloropropane)
Concen: 42.492 ng
RT: 8.55 min Scan# 929
Delta R.T. -0.01 min
Lab File: BG043354.D
Acq: 28 Oct 2019 17:39

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.5	0.0	34.2
79	12.8	0.0	32.3





#17

2-Methylphenol

Concen: 49.016 ng

RT: 8.49 min Scan# 919

Delta R.T. 0.01 min

Lab File: BG043354.D

Acq: 28 Oct 2019 17:39

Instrument :

BNA_G

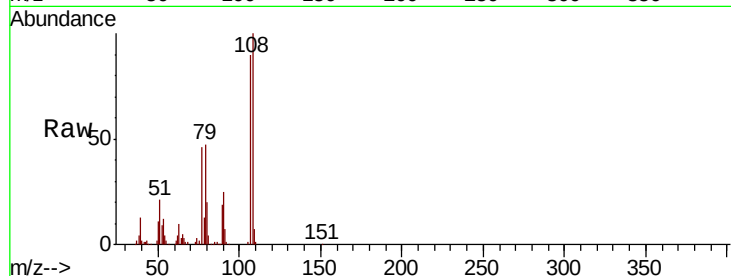
ClientSampleId :

PB124310BSD

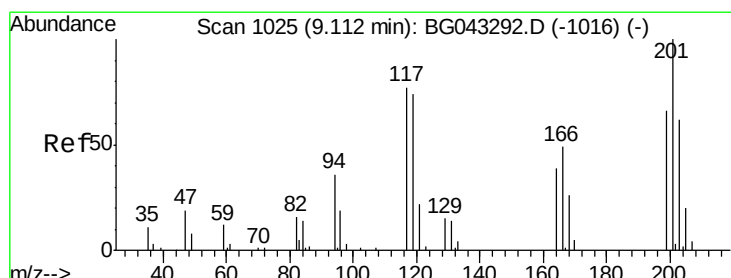
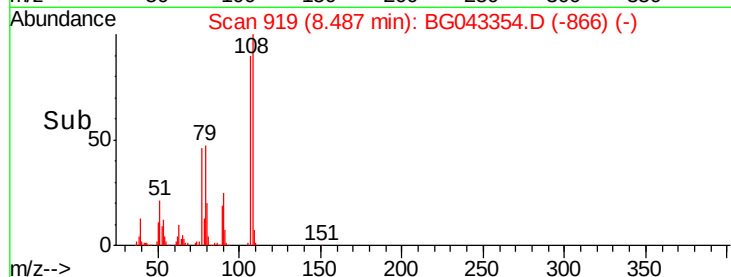
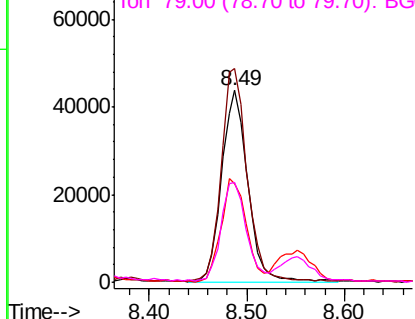
Tot Ion:	107	Resp:	80598
Ion Ratio	Lower	Upper	
107	100		
108	111.5	91.3	136.9
77	51.6	43.0	64.6
79	52.2	43.4	65.2

Manual Integrations
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Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 43.425 ng

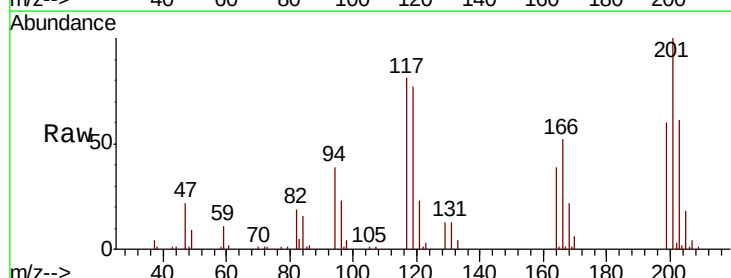
RT: 9.10 min Scan# 1024

Delta R.T. -0.01 min

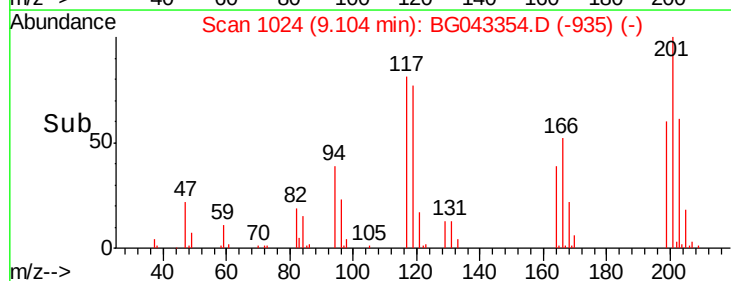
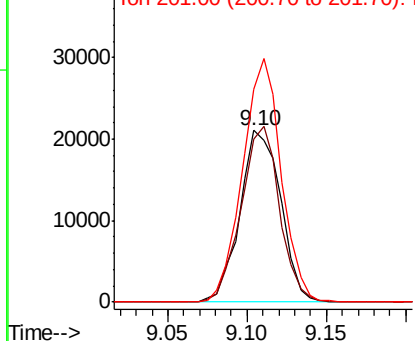
Lab File: BG043354.D

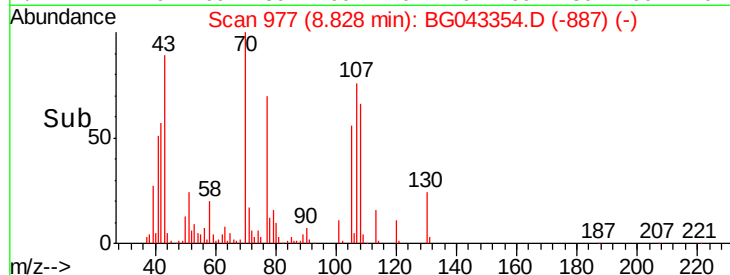
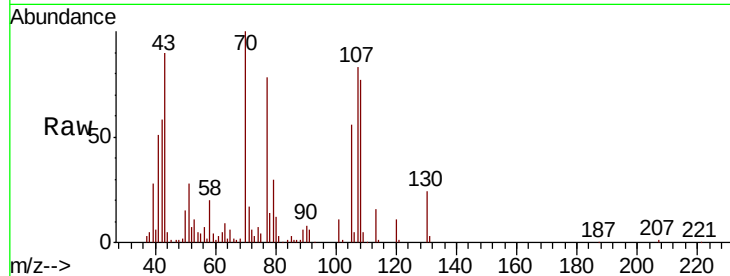
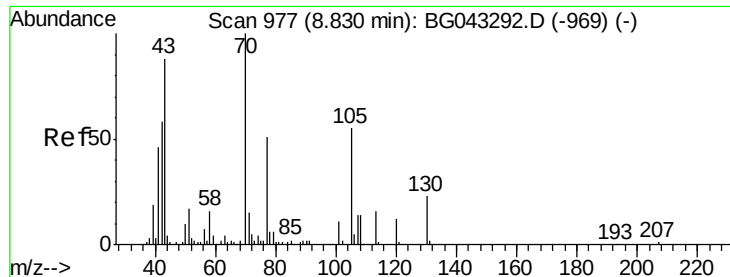
Acq: 28 Oct 2019 17:39

Tgt Ion:	117	Resp:	37613
Ion Ratio	Lower	Upper	
117	100		
119	95.1	77.3	115.9
201	123.9	104.2	156.4



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





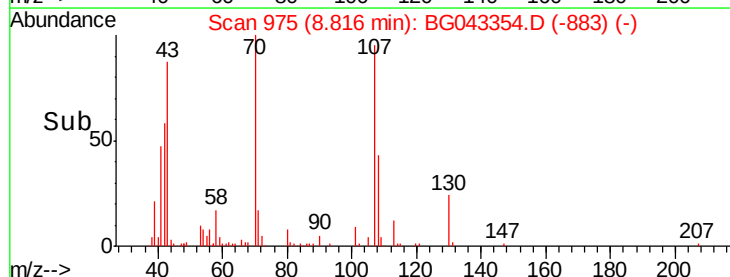
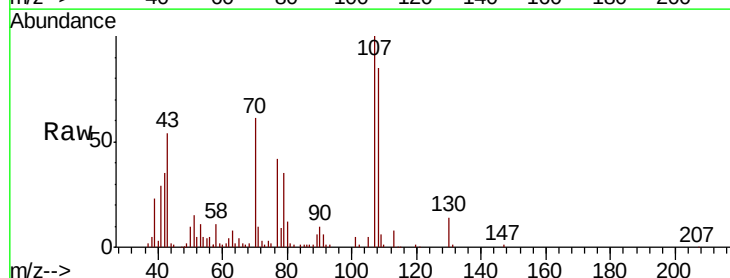
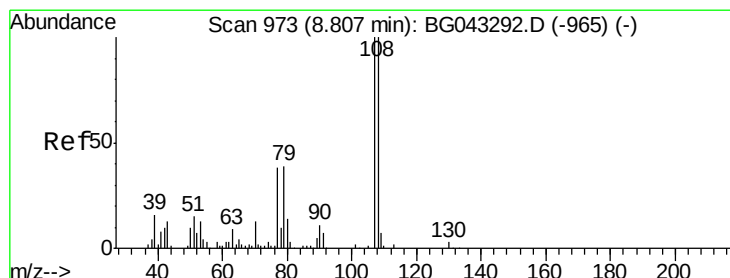
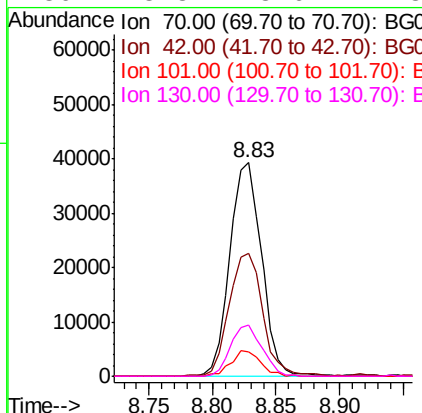
#19
n-Nitroso-di-n-propylamine
Concen: 42.737 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG043354.D
Acq: 28 Oct 2019 17:39

Instrument :
BNA_G
ClientSampleId :
PB124310BSD

Manual Integrations
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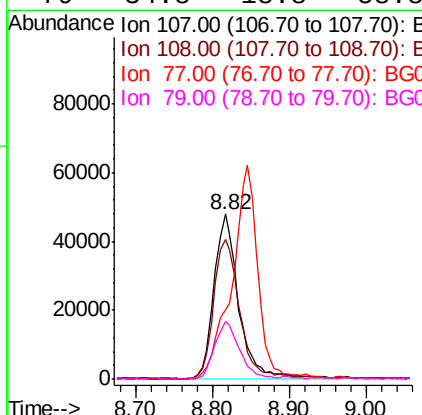
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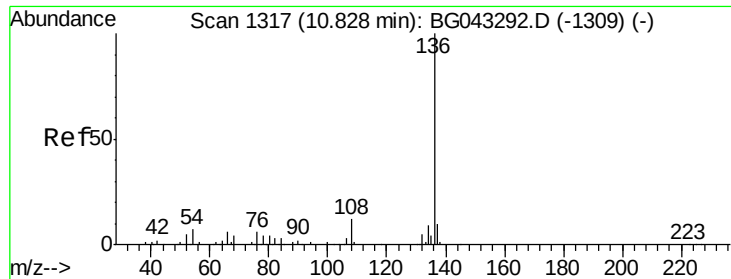
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.8	46.2	69.2	
101	11.2	8.6	13.0	
130	23.8	18.6	27.8	



#20
3+4-Methylphenols
Concen: 47.499 ng
RT: 8.82 min Scan# 975
Delta R.T. 0.01 min
Lab File: BG043354.D
Acq: 28 Oct 2019 17:39

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	84.6	80.3	120.3	
77	42.2	18.2	58.2	
79	34.8	18.8	58.8	





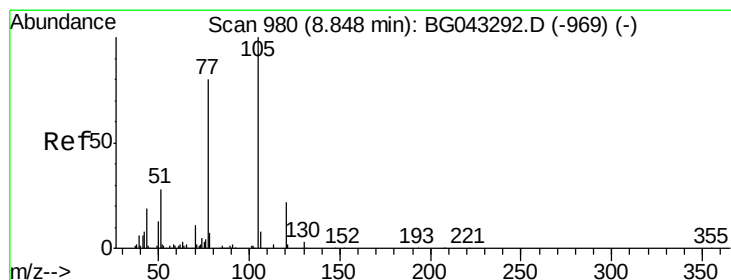
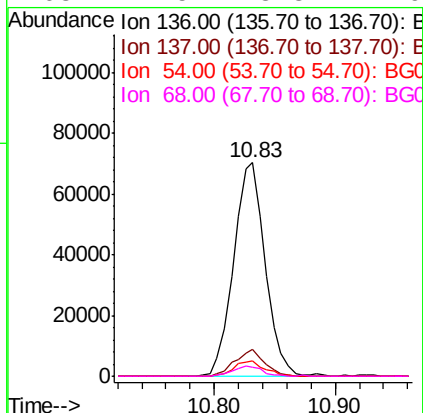
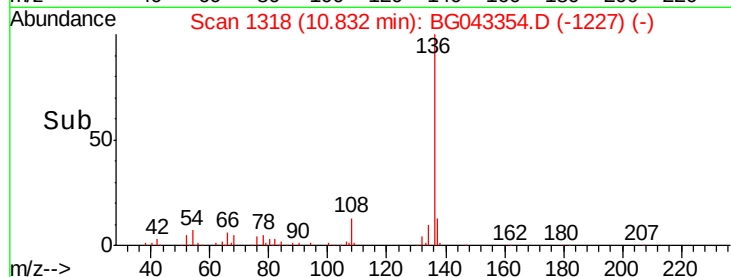
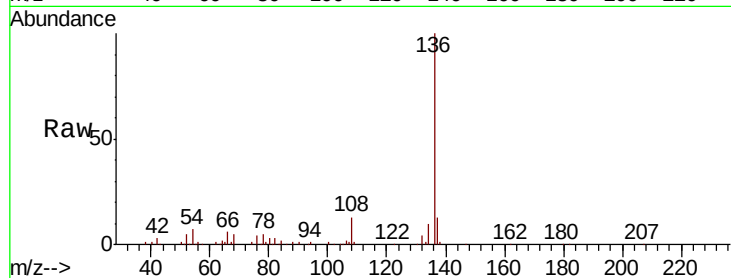
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG043354.D
Acq: 28 Oct 2019 17:39

Instrument :
BNA_G
ClientSampleId :
PB124310BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	128085		
137	12.6	8.2	12.2#	
54	7.3	5.4	8.2	
68	4.5	3.3	4.9	

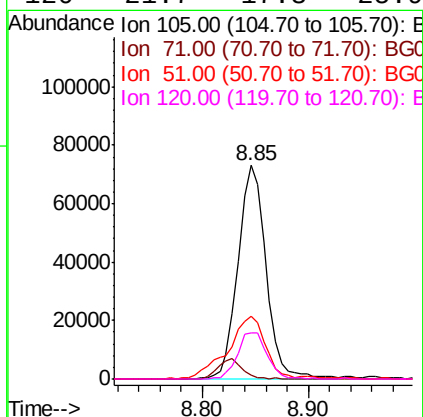
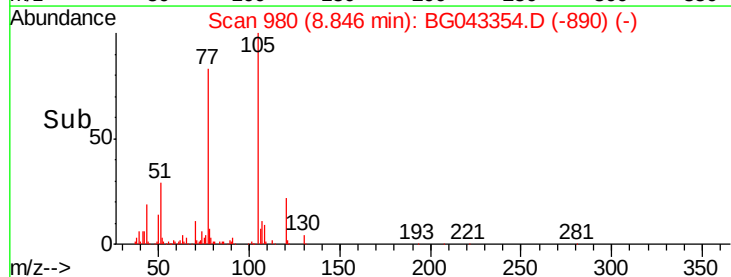
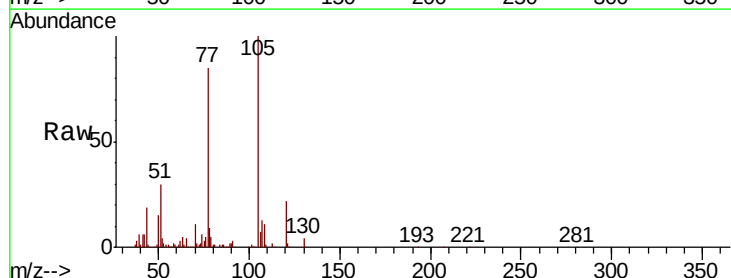
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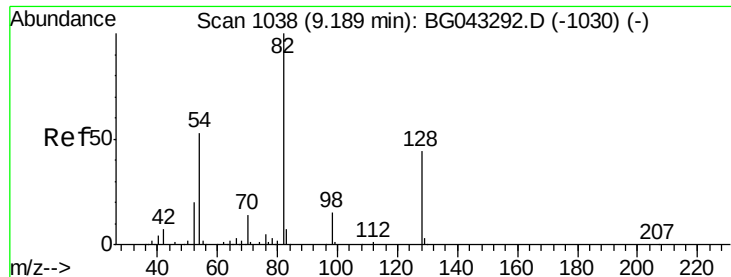
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#22
Acetophenone
Concen: 41.083 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.00 min
Lab File: BG043354.D
Acq: 28 Oct 2019 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	134757		
71	1.8	1.5	2.3	
51	29.5	23.9	35.9	
120	21.7	17.3	25.9	





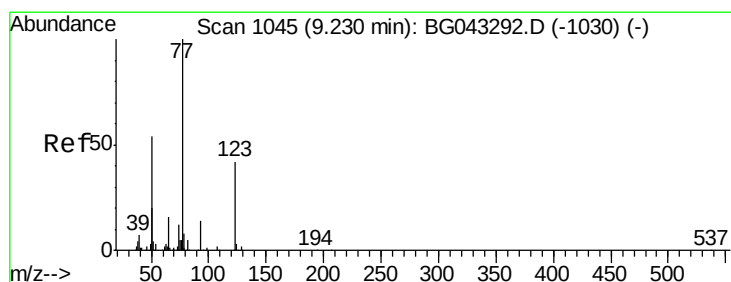
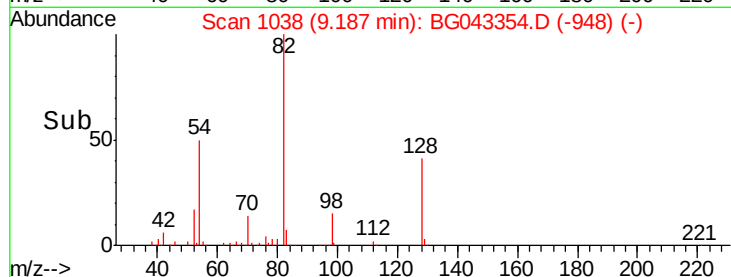
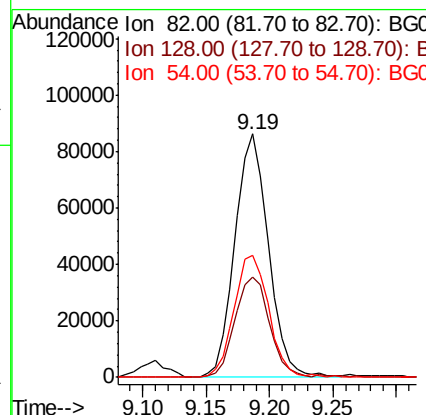
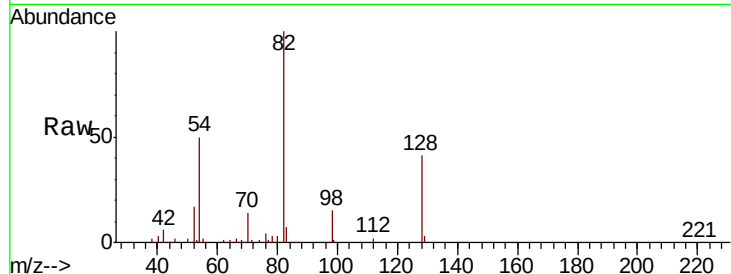
#23
 Nitrobenzene-d5
 Concen: 63.168 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BG043354.D
 Acq: 28 Oct 2019 17:39

Instrument :
 BNA_G
 ClientSampleID :
 PB124310BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.3	35.3	52.9
54	50.2	42.3	63.5

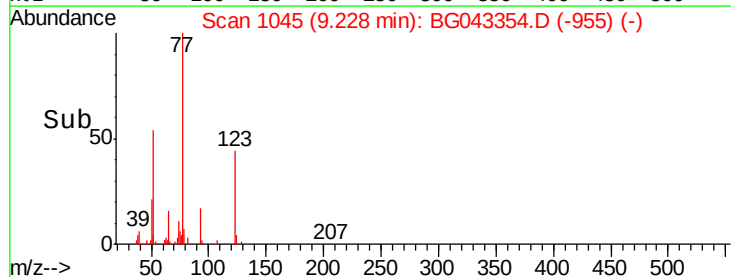
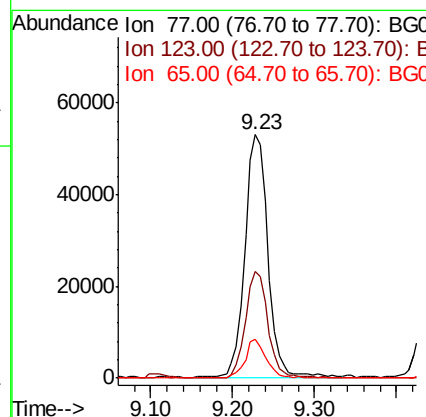
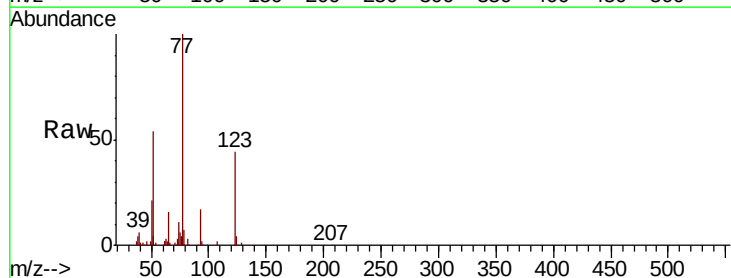
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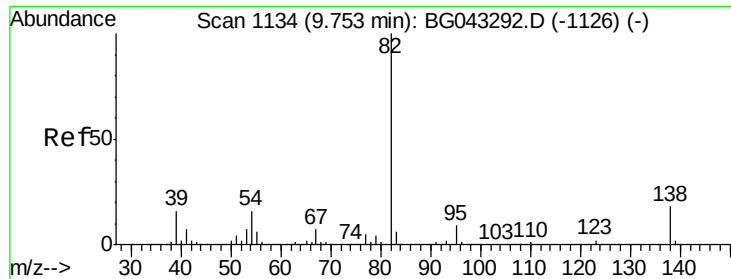
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#24
 Nitrobenzene
 Concen: 44.421 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BG043354.D
 Acq: 28 Oct 2019 17:39

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.0	33.8	50.8
65	16.2	13.0	19.4





#25

Isophorone

Concen: 42.579 ng

RT: 9.74 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BG043354.D

Acq: 28 Oct 2019 17:39

Instrument :

BNA_G

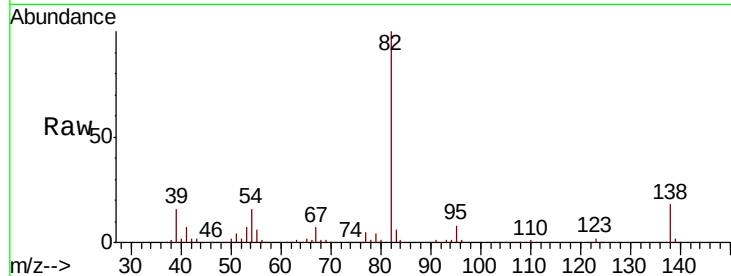
ClientSampleId :

PB124310BSD

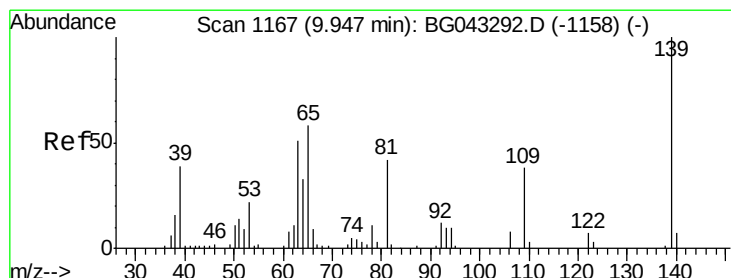
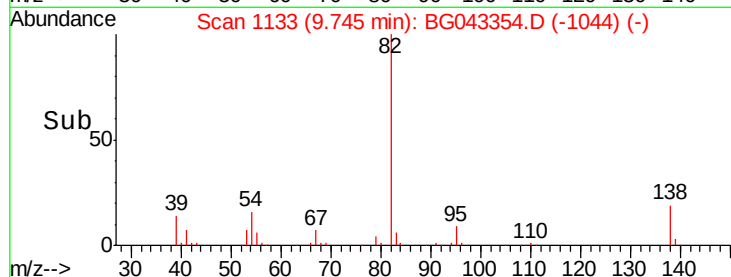
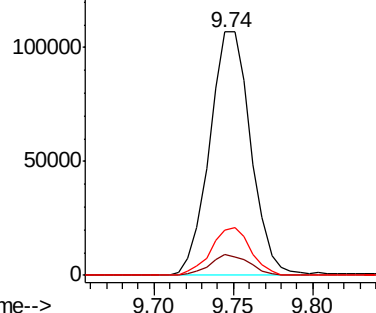
Tot Ion:	82	Resp:	193407
Ion Ratio		Lower	Upper
82	100		
95	8.5	6.9	10.3
138	18.3	14.2	21.2

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



#26

2-Nitrophenol

Concen: 47.629 ng

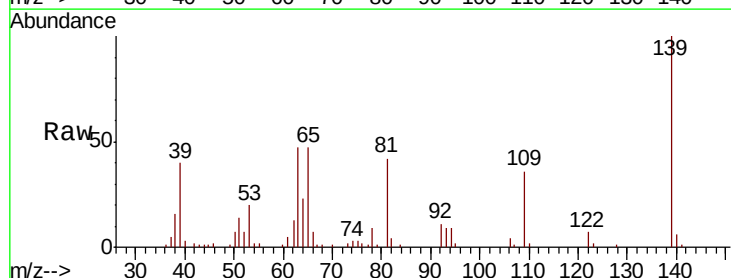
RT: 9.94 min Scan# 1167

Delta R.T. -0.00 min

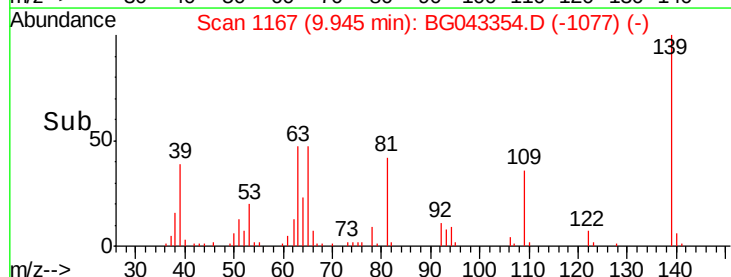
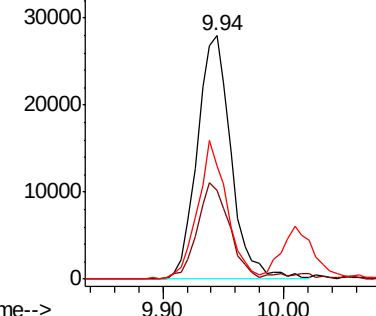
Lab File: BG043354.D

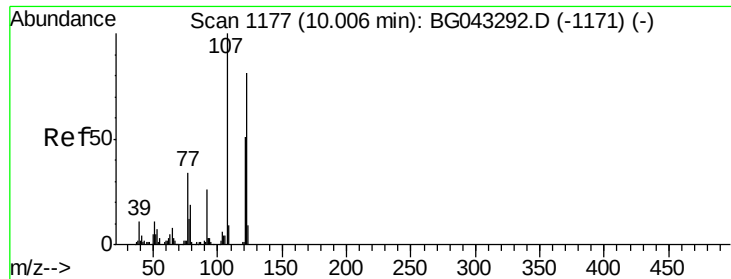
Acq: 28 Oct 2019 17:39

Tgt Ion:	139	Resp:	54421
Ion Ratio		Lower	Upper
139	100		
109	36.3	30.1	45.1
65	46.7	46.1	69.1



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





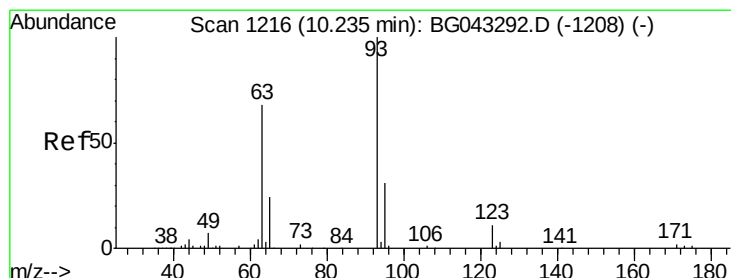
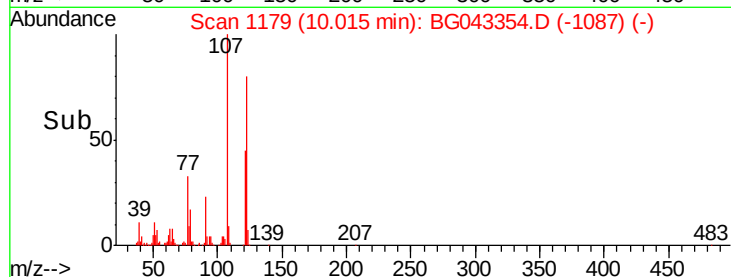
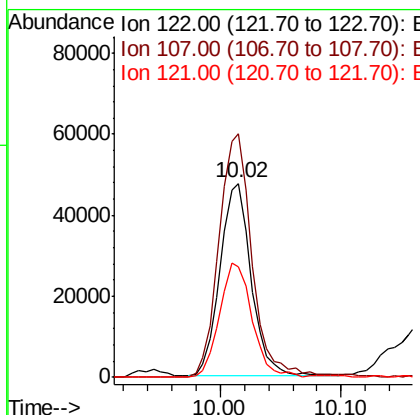
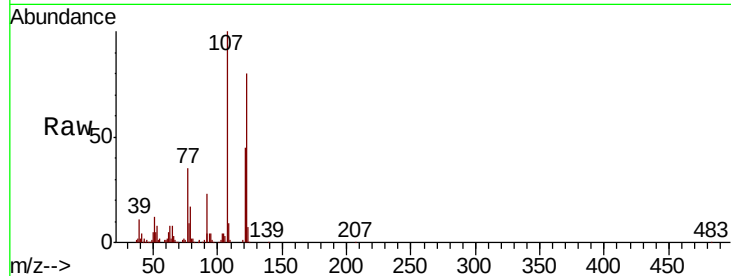
#27
2,4-Dimethylphenol
Concen: 52.133 ng
RT: 10.02 min Scan# 1179
Delta R.T. 0.01 min
Lab File: BG043354.D
Acq: 28 Oct 2019 17:39

Instrument :
BNA_G
ClientSampleId :
PB124310BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	125.6	98.6	147.8
121	57.0	50.1	75.1

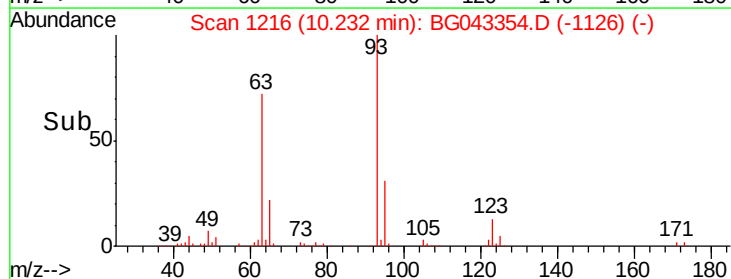
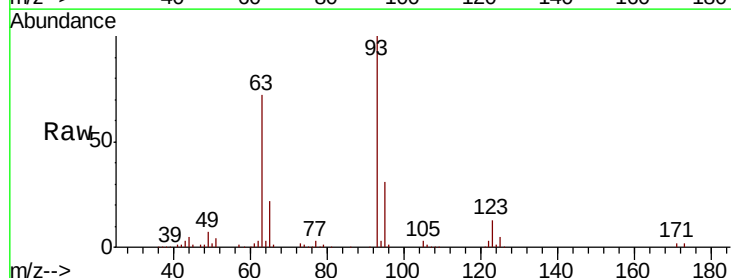
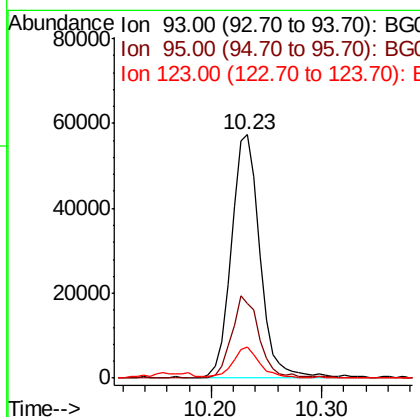
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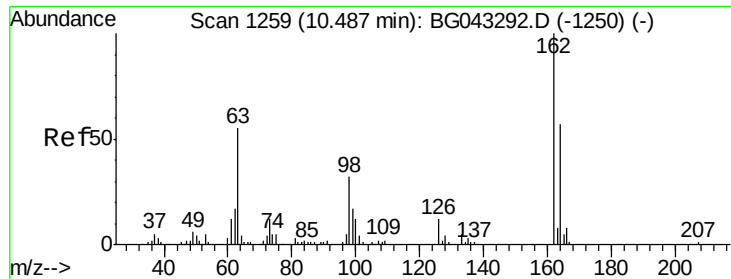
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 41.160 ng
RT: 10.23 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BG043354.D
Acq: 28 Oct 2019 17:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.5	24.9	37.3
123	12.8	8.9	13.3





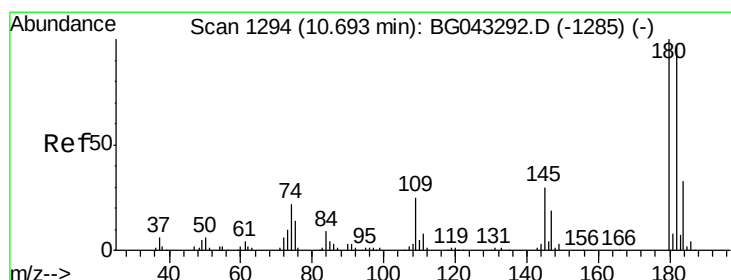
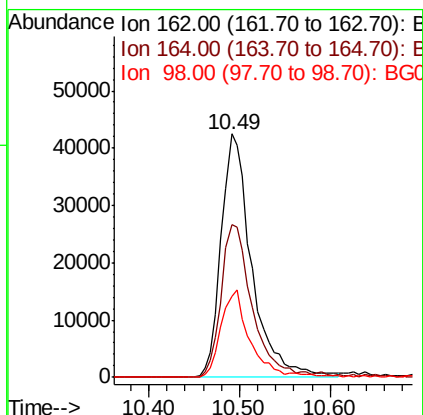
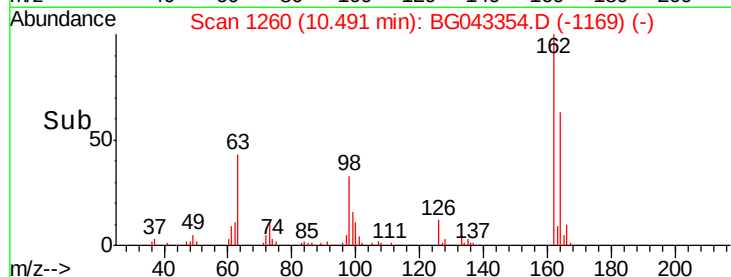
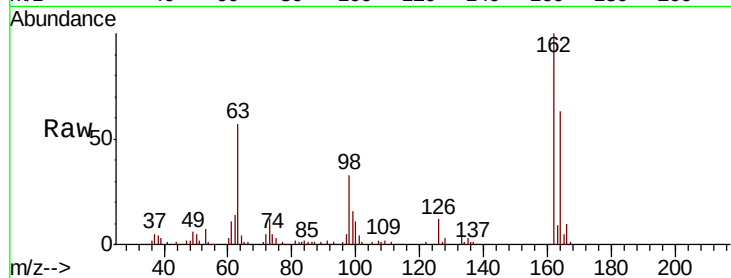
#29
2,4-Dichlorophenol
Concen: 47.495 ng
RT: 10.49 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BG043354.D
Acq: 28 Oct 2019 17:39

Instrument :
BNA_G
ClientSampleId :
PB124310BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	99659		
164	62.5		37.3	77.3
98	33.5		11.8	51.8

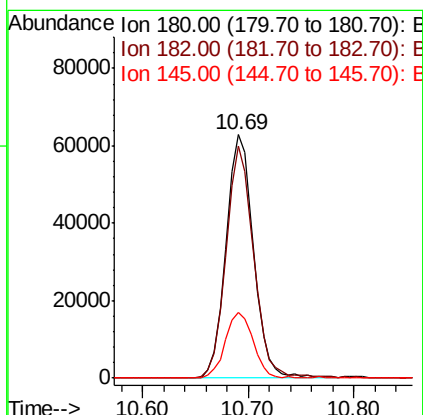
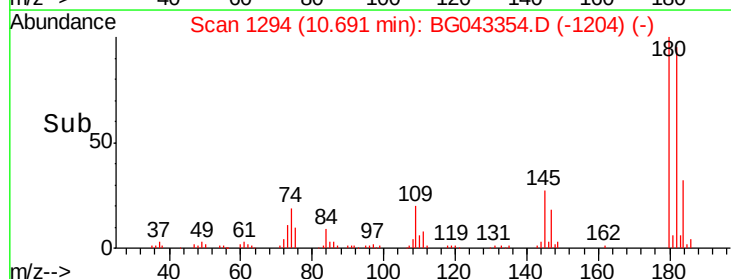
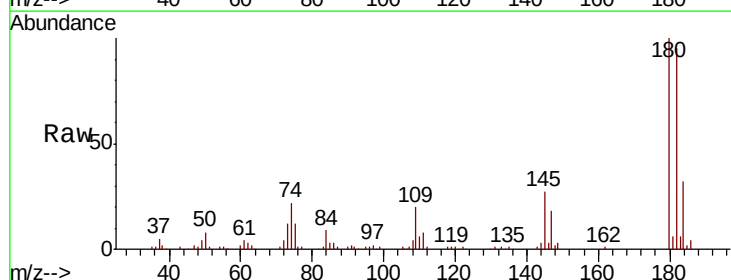
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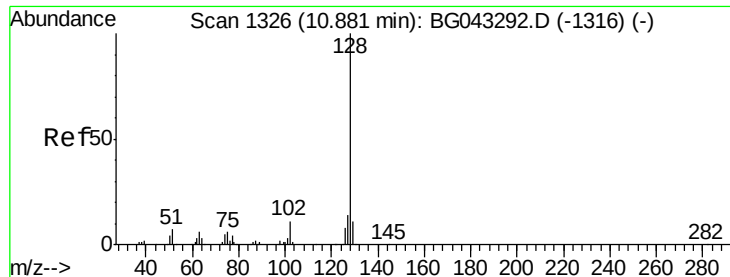
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#30
1,2,4-Trichlorobenzene
Concen: 42.660 ng
RT: 10.69 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BG043354.D
Acq: 28 Oct 2019 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	112819		
182	95.4		77.8	116.8
145	27.2		23.6	35.4





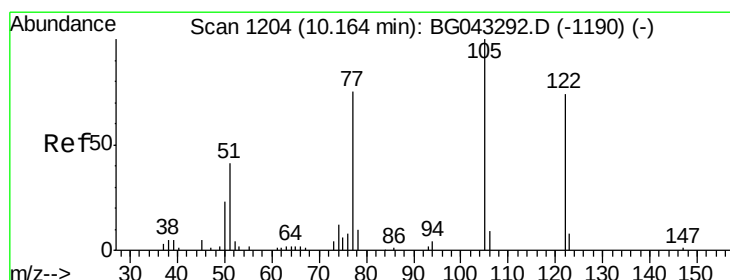
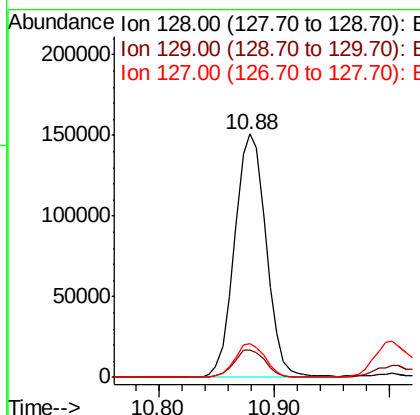
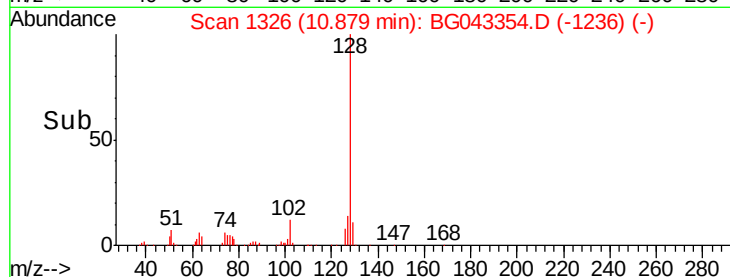
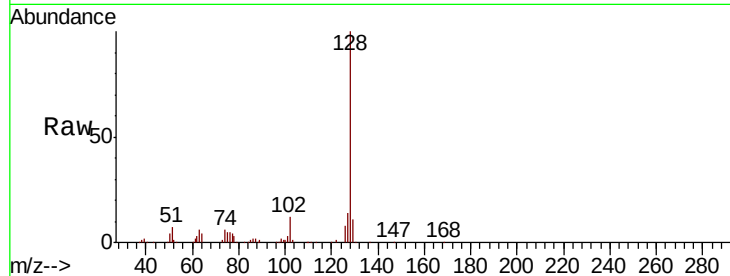
#31
Naphthalene
Concen: 43.865 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG043354.D
Acq: 28 Oct 2019 17:39

Instrument :
BNA_G
ClientSampleId :
PB124310BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	12.8
127	13.7	11.5	17.3

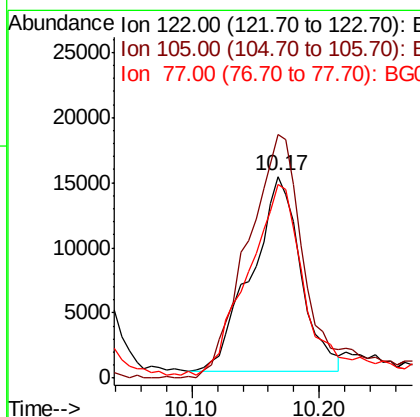
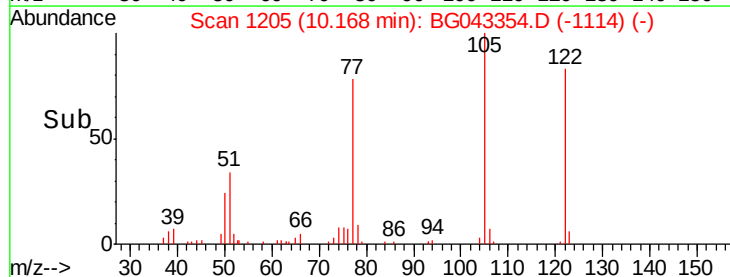
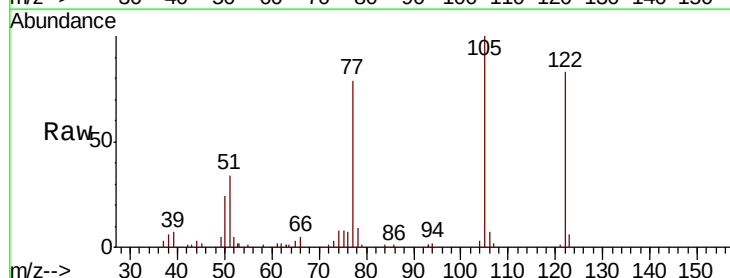
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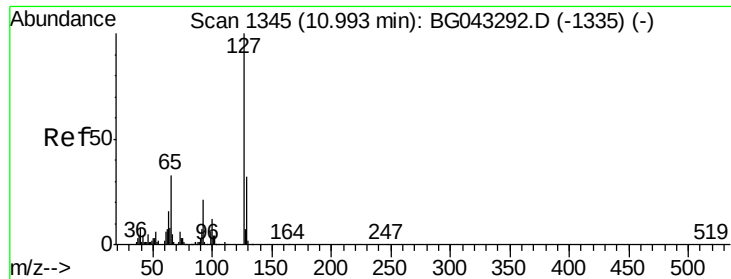
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#32
Benzoic acid
Concen: 35.204 ng
RT: 10.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BG043354.D
Acq: 28 Oct 2019 17:39

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.8	112.4	152.4
77	95.8	82.7	122.7





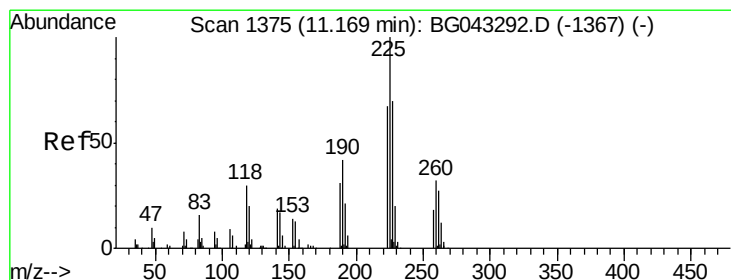
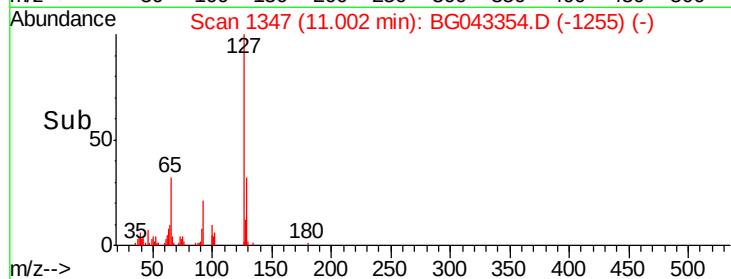
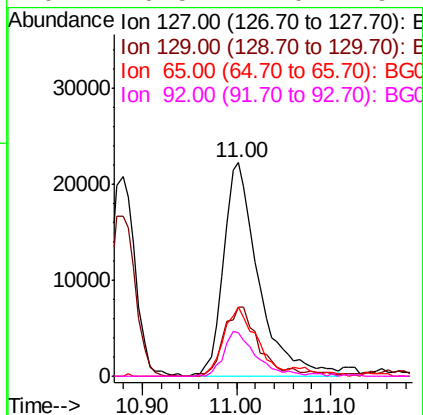
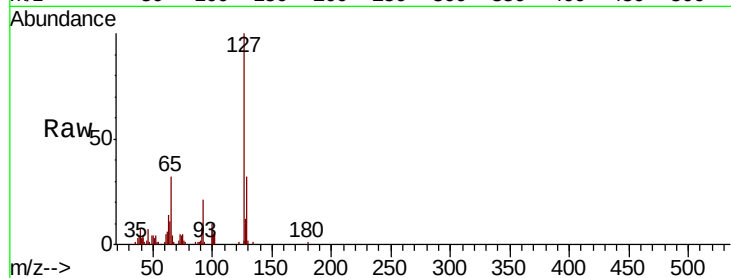
#33
4-Chloroaniline
Concen: 21.637 ng
RT: 11.00 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BG043354.D
Acq: 28 Oct 2019 17:39

Instrument :
BNA_G
ClientSampleId :
PB124310BSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.8	38.8
65	32.2	26.2	39.2
92	20.5	17.0	25.4

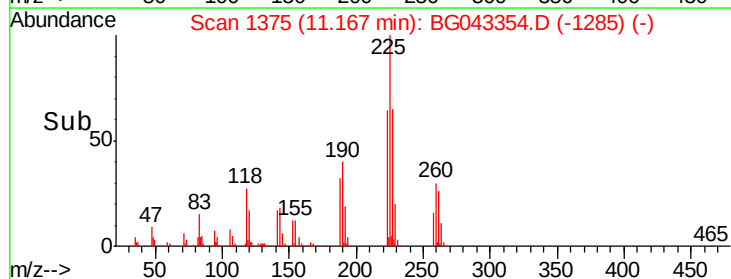
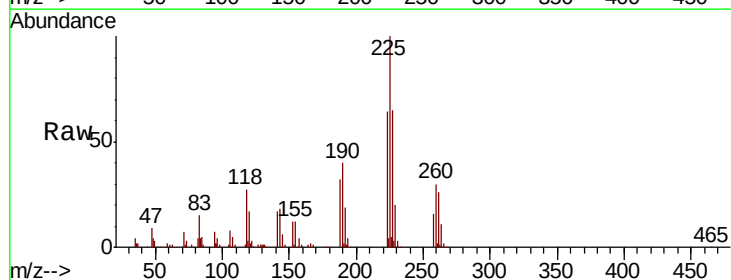
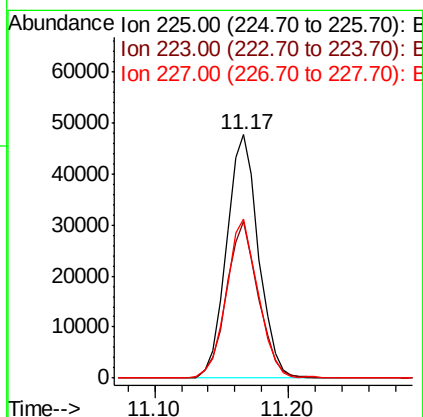
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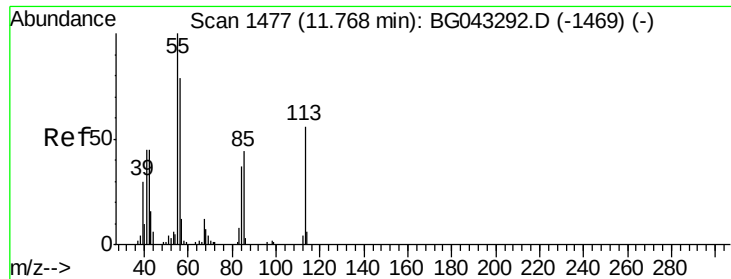
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#34
Hexachlorobutadiene
Concen: 40.624 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BG043354.D
Acq: 28 Oct 2019 17:39

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.3	53.2	79.8
227	65.4	56.2	84.2





#35

Caprolactam

Concen: 39.012 ng

RT: 11.77 min Scan# 1477

Delta R.T. -0.00 min

Lab File: BG043354.D

Acq: 28 Oct 2019 17:39

Instrument :

BNA_G

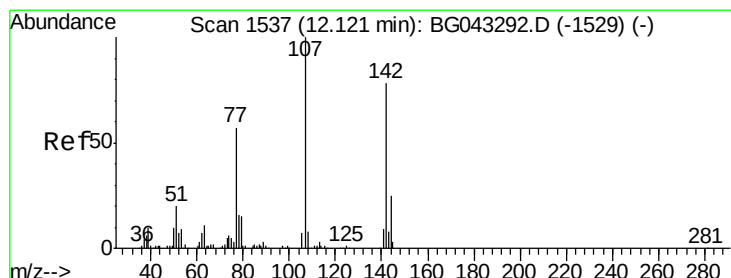
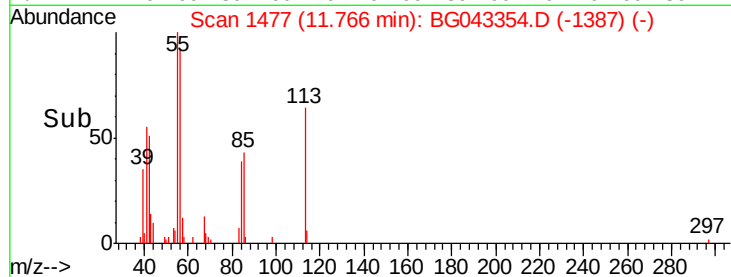
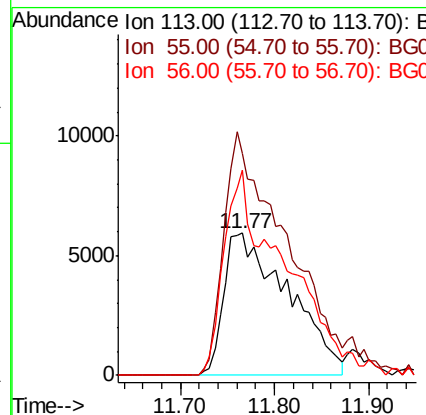
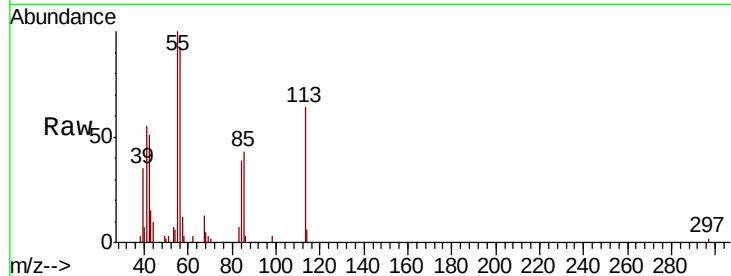
ClientSampleId :

PB124310BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	156.1	158.9	198.9#
56	144.2	121.4	161.4

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#36

4-Chloro-3-methylphenol

Concen: 45.668 ng

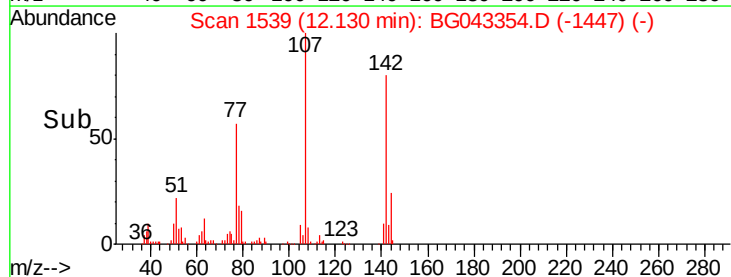
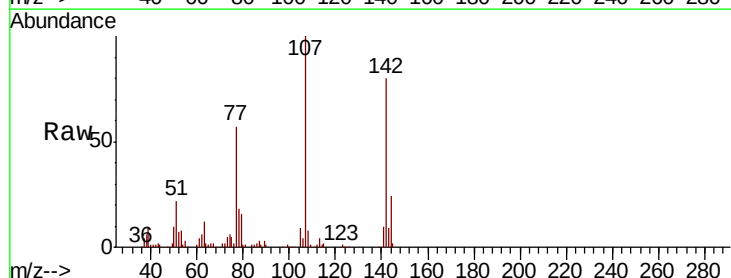
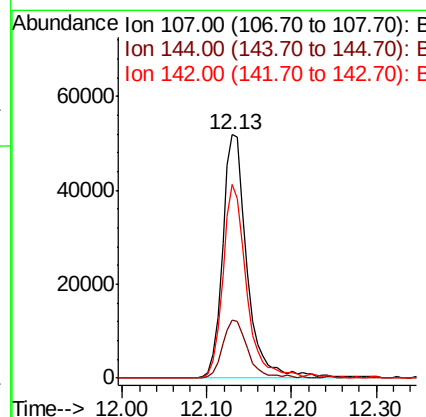
RT: 12.13 min Scan# 1539

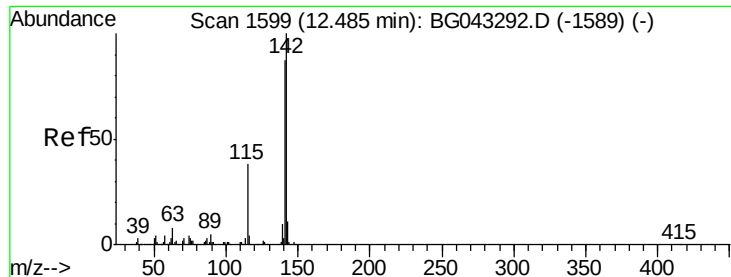
Delta R.T. 0.01 min

Lab File: BG043354.D

Acq: 28 Oct 2019 17:39

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.9	19.9	29.9
142	79.6	62.1	93.1





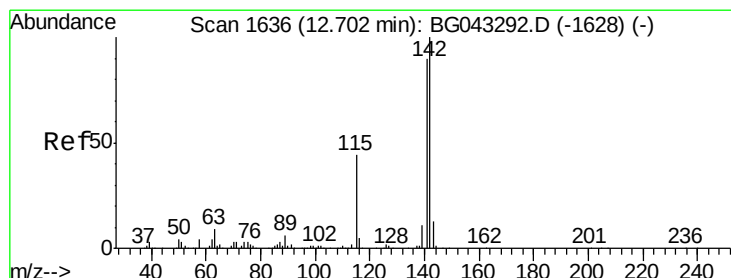
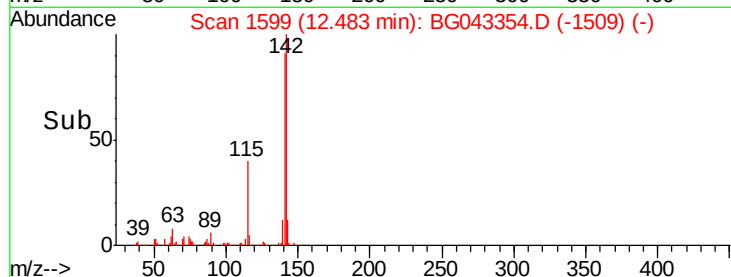
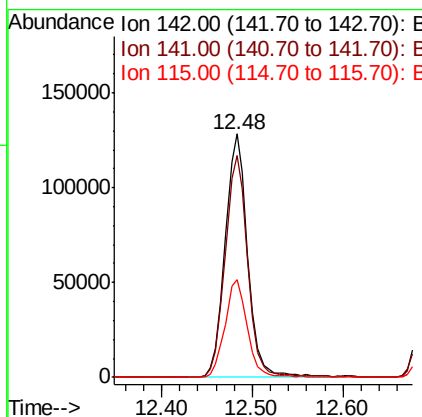
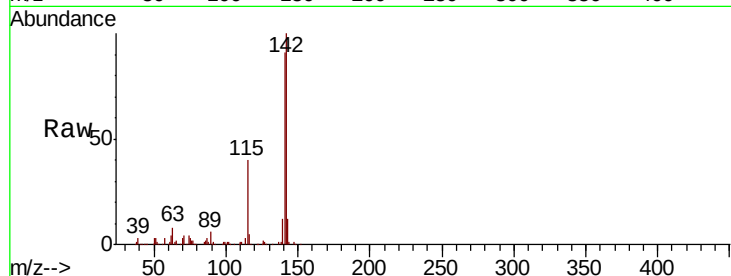
#37
2-Methylnaphthalene
Concen: 44.372 ng
RT: 12.48 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BG043354.D
Acq: 28 Oct 2019 17:39

Instrument :
BNA_G
ClientSampleId :
PB124310BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.2	69.7	104.5
115	40.4	30.6	46.0

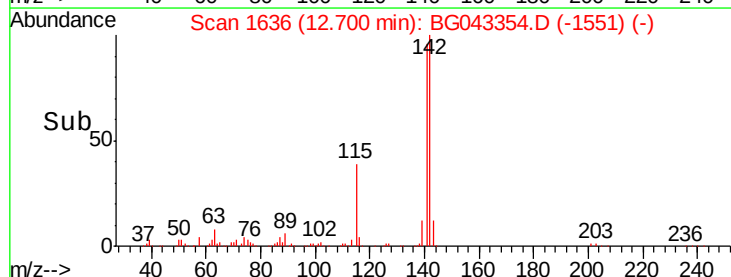
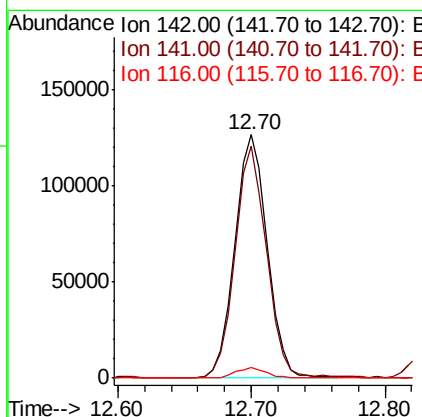
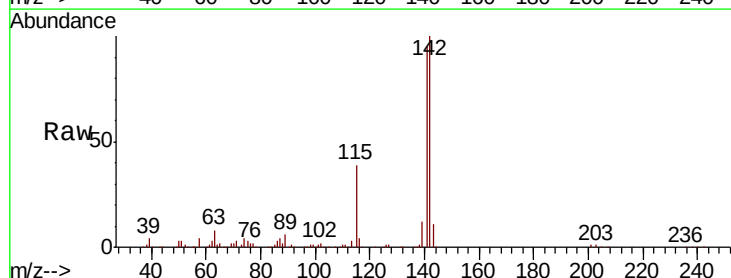
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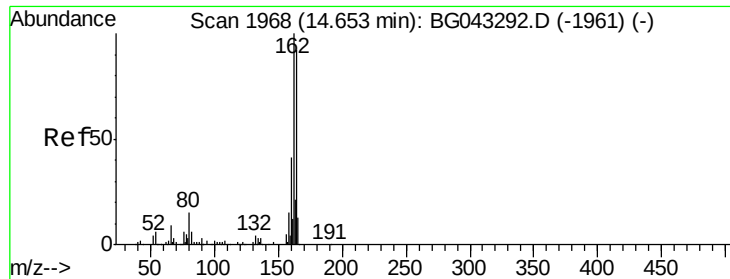
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#38
1-Methylnaphthalene
Concen: 44.553 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BG043354.D
Acq: 28 Oct 2019 17:39

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.4	72.3	108.5
116	4.1	3.8	5.6





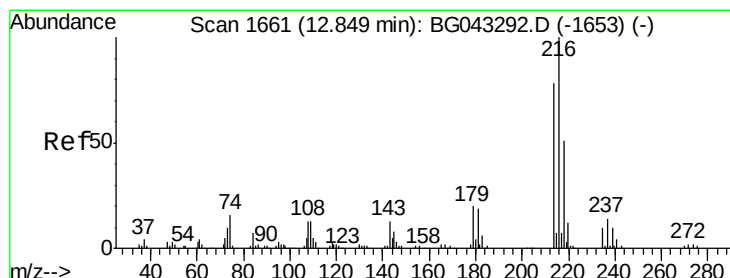
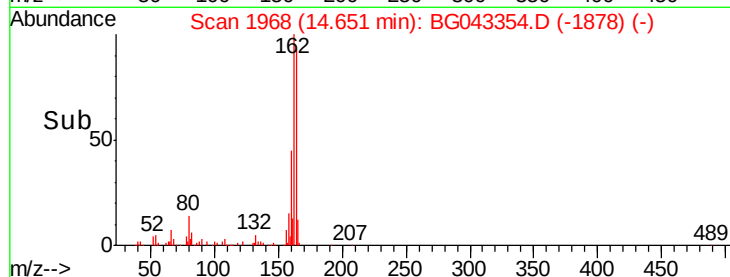
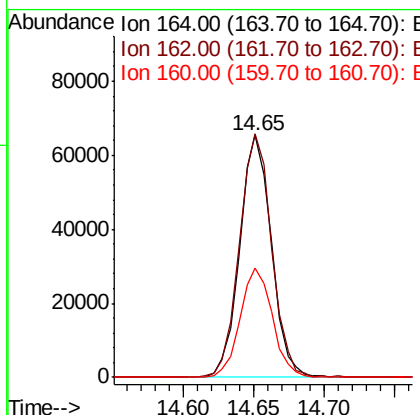
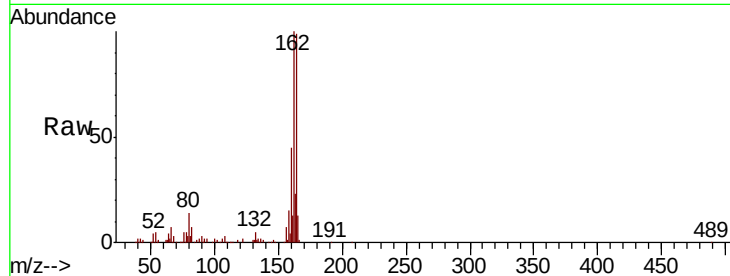
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG043354.D
Acq: 28 Oct 2019 17:39

Instrument :
BNA_G
ClientSampleId :
PB124310BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.6	87.0	130.4
160	45.0	35.5	53.3

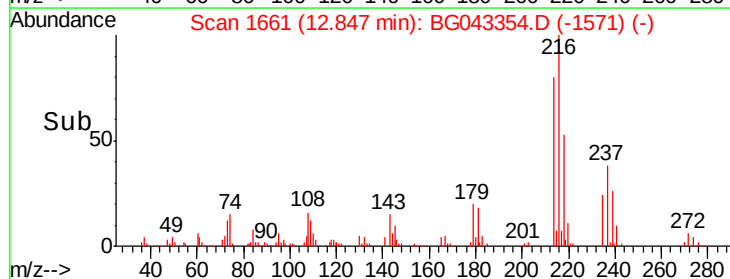
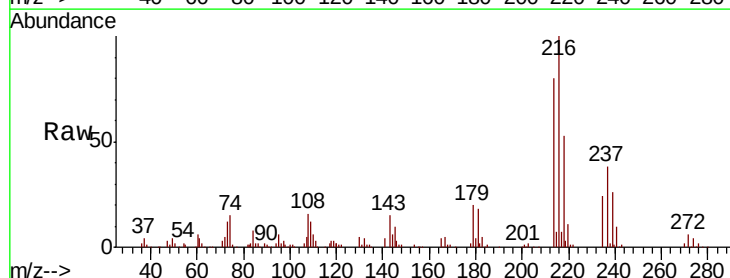
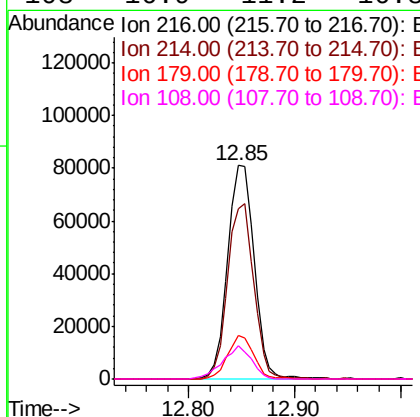
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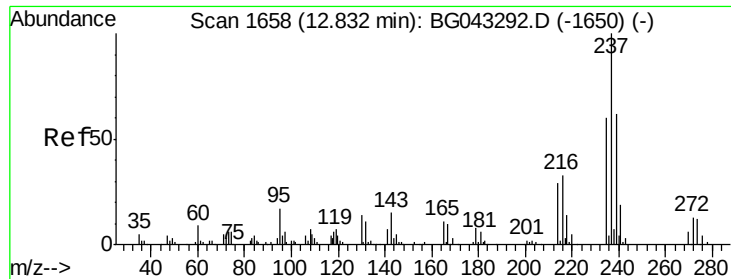
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.192 ng
RT: 12.85 min Scan# 1661
Delta R.T. -0.00 min
Lab File: BG043354.D
Acq: 28 Oct 2019 17:39

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.6	63.5	95.3
179	19.6	16.2	24.2
108	16.9	11.2	16.8#





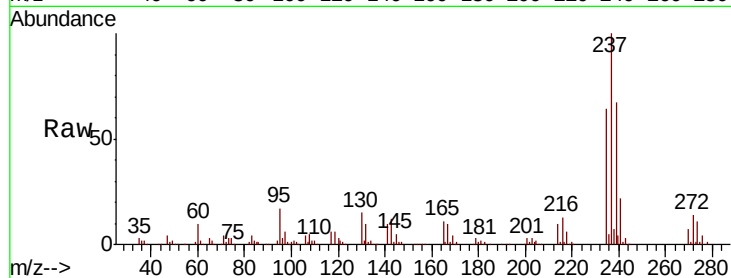
#41
Hexachlorocyclopentadiene
Concen: 96.756 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.00 min
Lab File: BG043354.D
Acq: 28 Oct 2019 17:39

Instrument :
BNA_G
ClientSampleId :
PB124310BSD

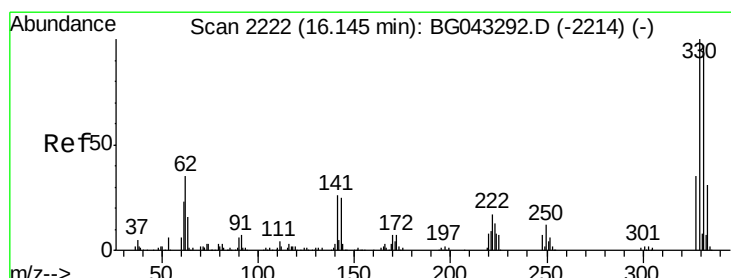
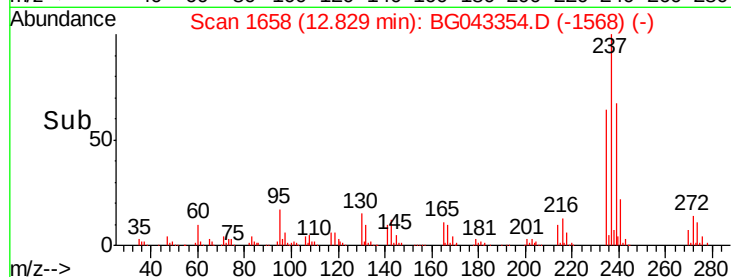
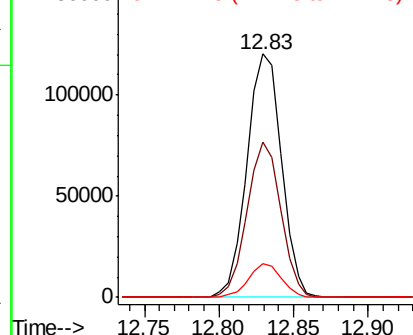
Tot Ion	Ratio	Resp	Lower	Upper
237	100	192639		
235	63.5	40.3	80.3	
272	13.8	0.0	32.9	

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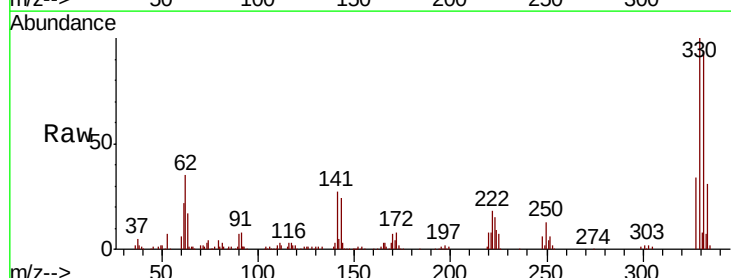


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

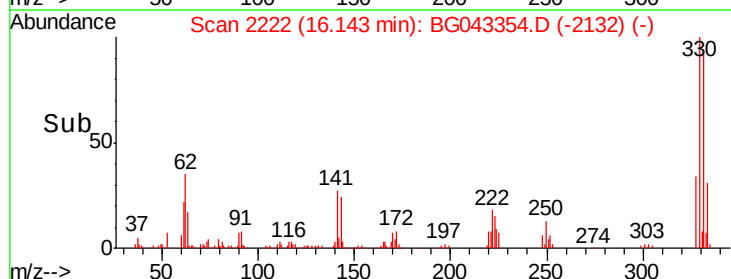
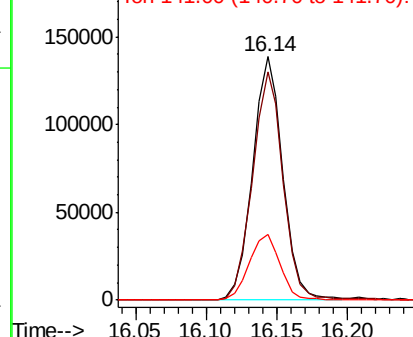


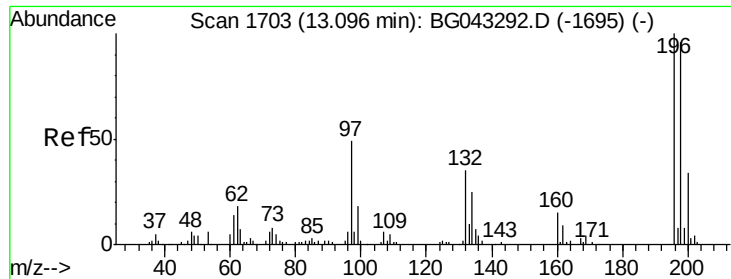
#42
2,4,6-Tribromophenol
Concen: 106.594 ng
RT: 16.14 min Scan# 2222
Delta R.T. -0.00 min
Lab File: BG043354.D
Acq: 28 Oct 2019 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	207741		
332	96.0	76.4	114.6	
141	27.7	21.4	32.0	



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





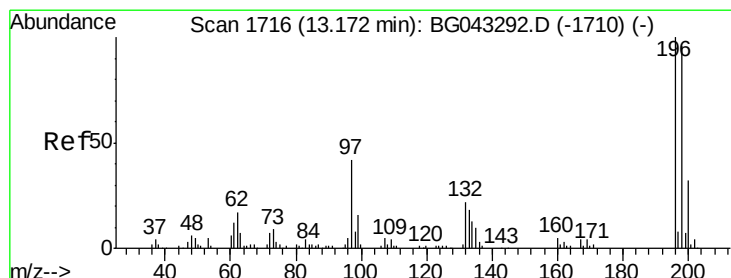
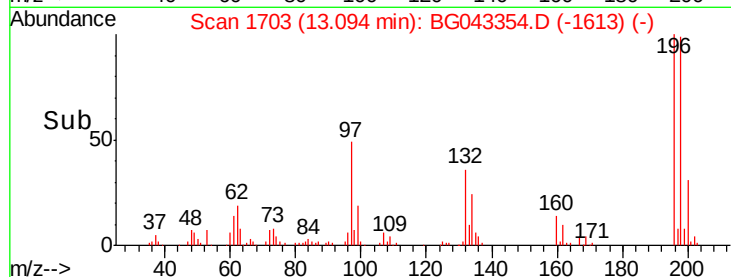
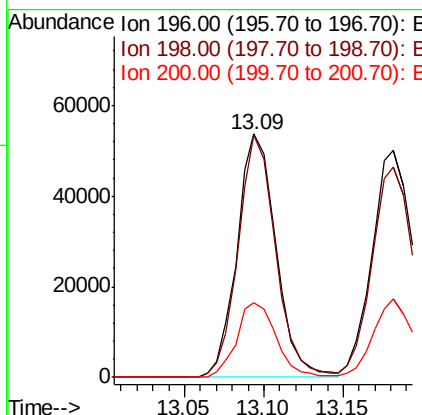
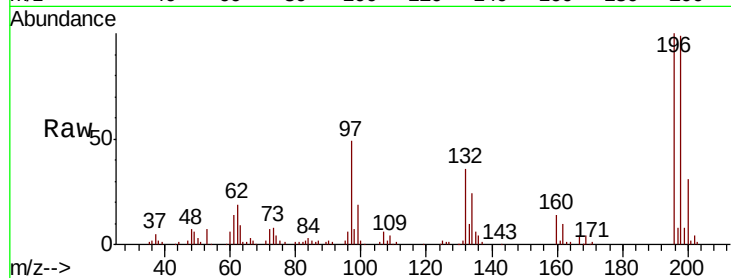
#43
 2,4,6-Trichlorophenol
 Concen: 41.099 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG043354.D
 Acq: 28 Oct 2019 17:39

Instrument :
 BNA_G
 ClientSampleId :
 PB124310BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	91734		
198	99.4	77.0	115.4	
200	30.6	27.4	41.2	

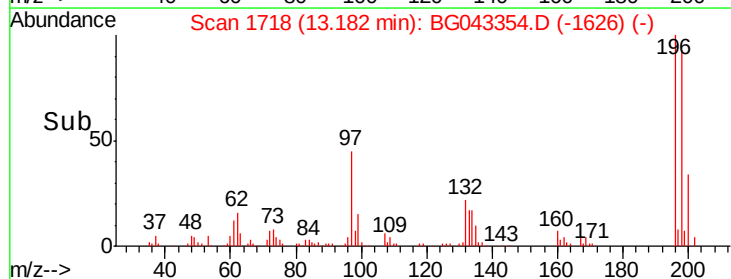
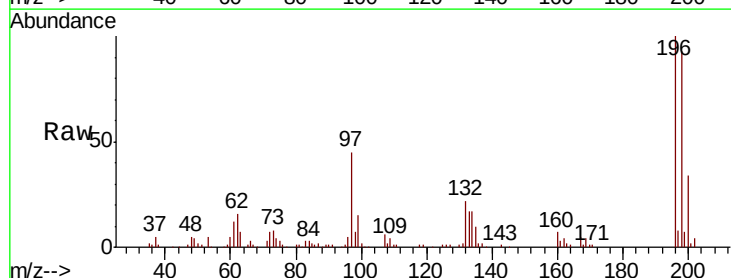
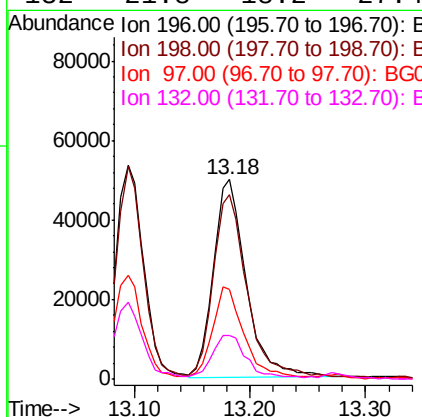
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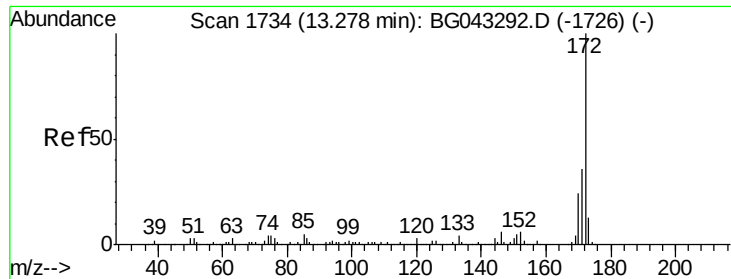
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#44
 2,4,5-Trichlorophenol
 Concen: 43.321 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. 0.01 min
 Lab File: BG043354.D
 Acq: 28 Oct 2019 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	97755		
198	92.6	76.6	114.8	
97	44.8	34.1	51.1	
132	21.8	18.2	27.4	





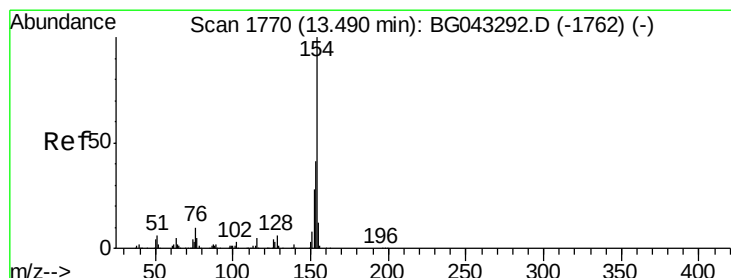
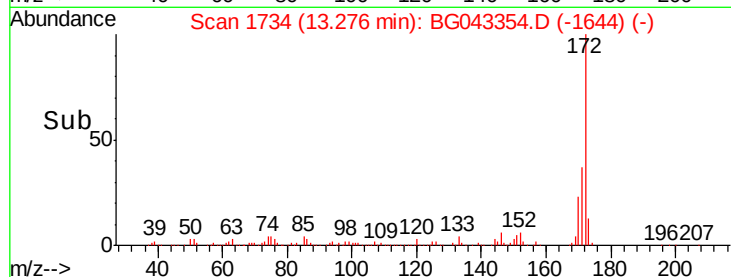
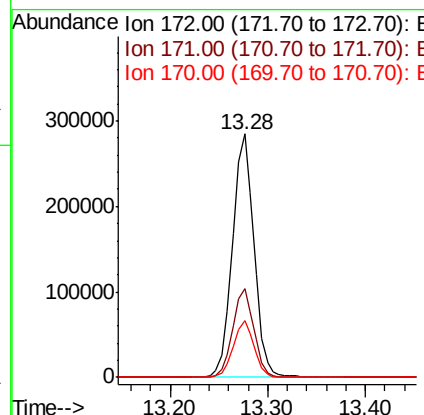
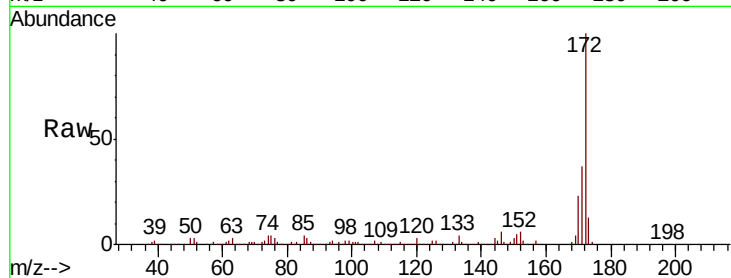
#45
2-Fluorobiphenyl
Concen: 58.711 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG043354.D
Acq: 28 Oct 2019 17:39

Instrument :
BNA_G
ClientSampleId :
PB124310BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.5	42.7
170	23.3	18.8	28.2

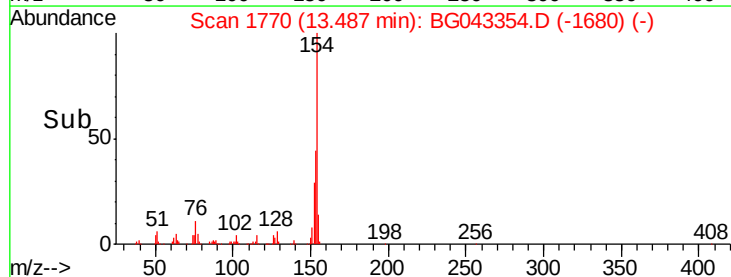
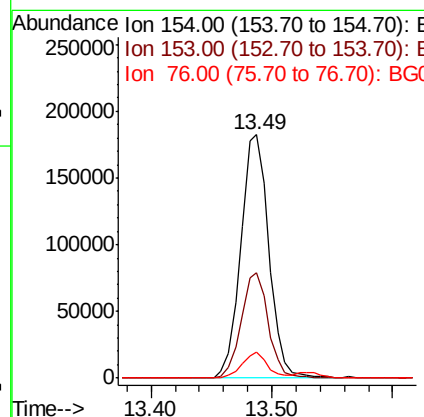
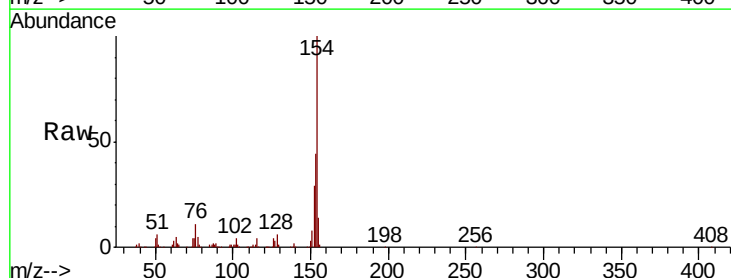
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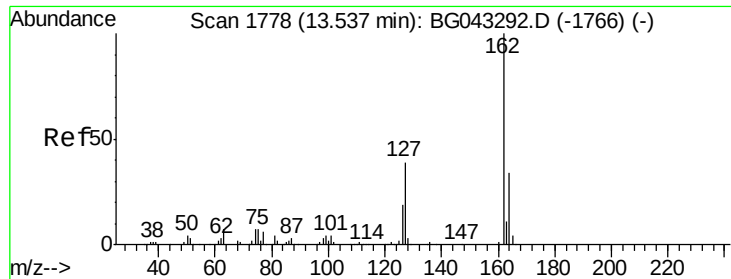
mohammad
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#46
1,1'-Biphenyl
Concen: 38.046 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.00 min
Lab File: BG043354.D
Acq: 28 Oct 2019 17:39

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.5	21.0	61.0
76	10.9	0.0	29.8





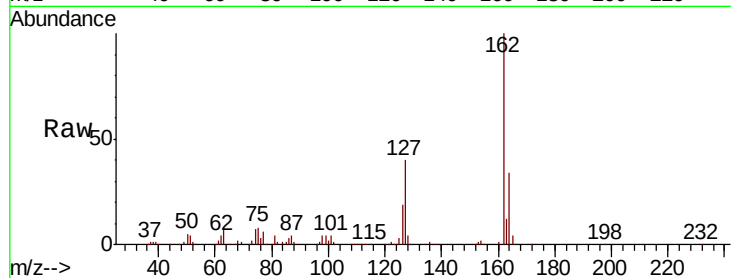
#47
2-Chloronaphthalene
Concen: 38.760 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BG043354.D
Acq: 28 Oct 2019 17:39

Instrument :
BNA_G
ClientSampleId :
PB124310BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	229768		
127	39.7		31.3	46.9
164	33.5		26.8	40.2

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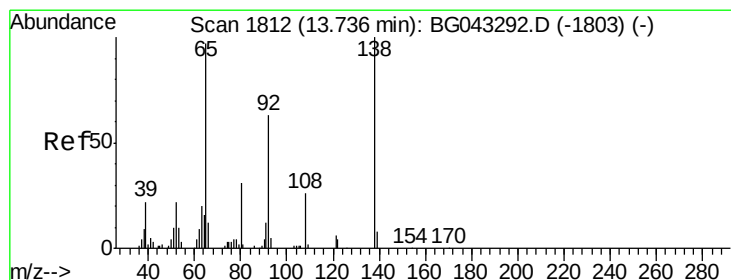
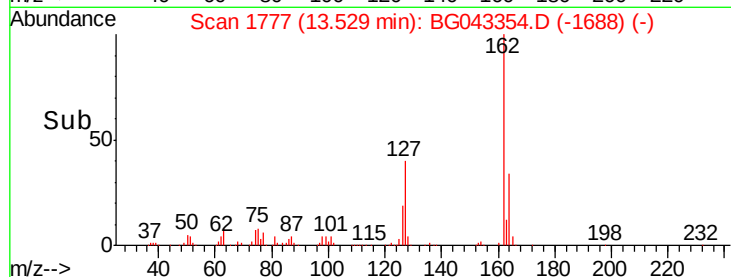
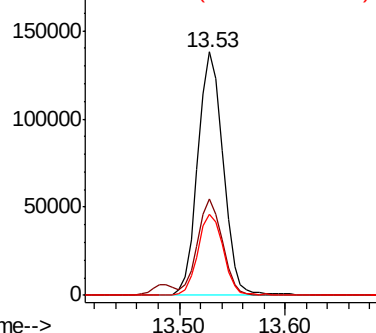


Abundance

Ion 162.00 (161.70 to 162.70): E

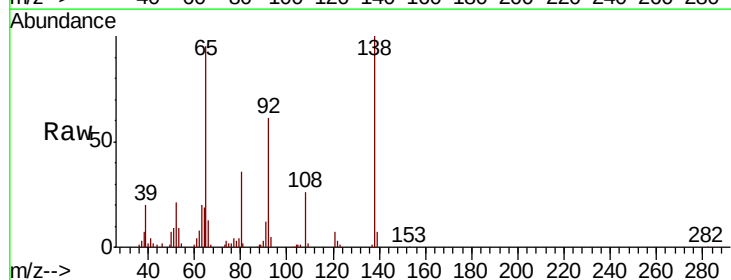
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 37.950 ng
RT: 13.74 min Scan# 1813
Delta R.T. 0.00 min
Lab File: BG043354.D
Acq: 28 Oct 2019 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	67237		
92	64.8		52.6	79.0
138	105.8		82.9	124.3

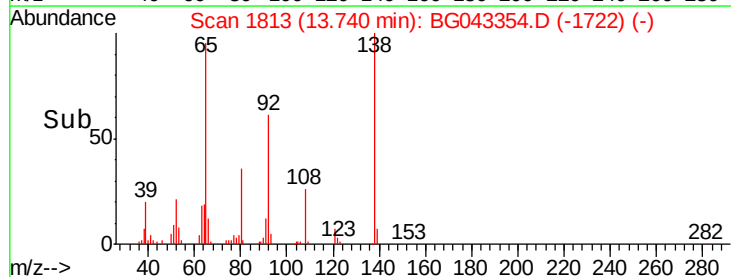
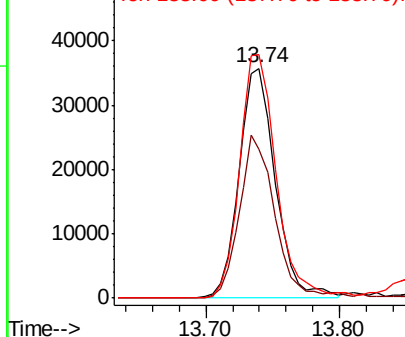


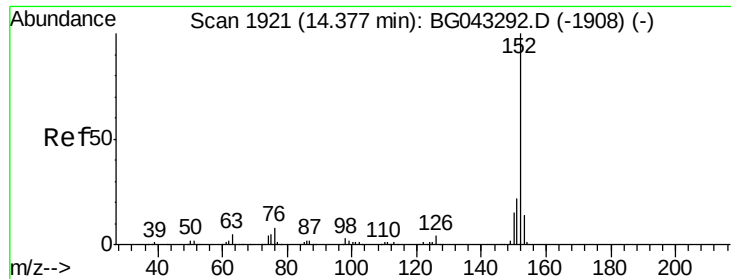
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.368 ng

RT: 14.37 min Scan# 1921

Delta R.T. -0.00 min

Lab File: BG043354.D

Acq: 28 Oct 2019 17:39

Instrument :

BNA_G

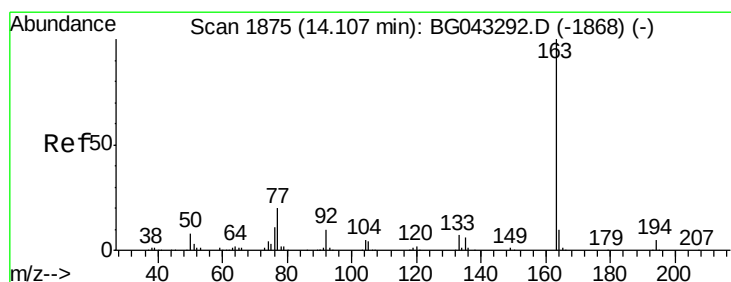
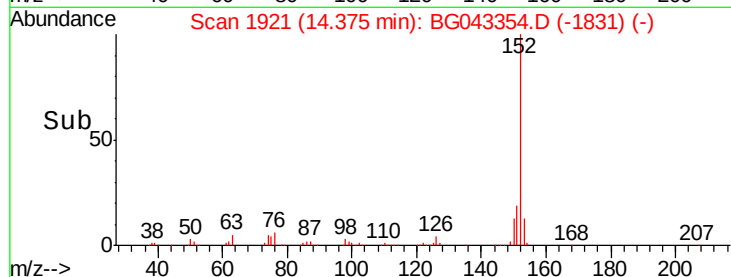
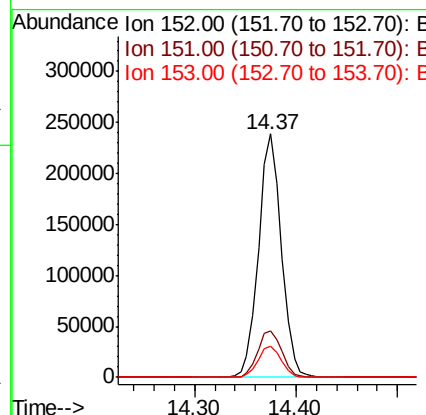
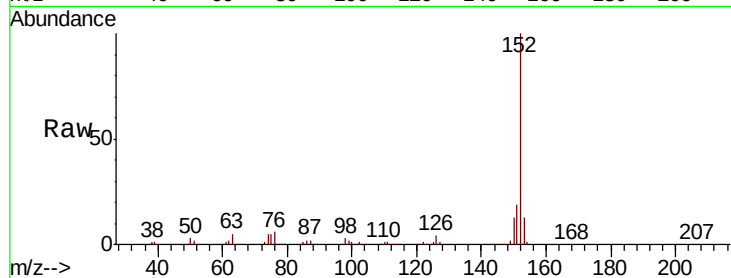
ClientSampleId :

PB124310BSD

Tot Ion:	152	Resp:	372431
Ion Ratio	Lower	Upper	
152	100		
151	19.1	17.2	25.8
153	13.0	11.0	16.6

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#50

Dimethylphthalate

Concen: 38.613 ng

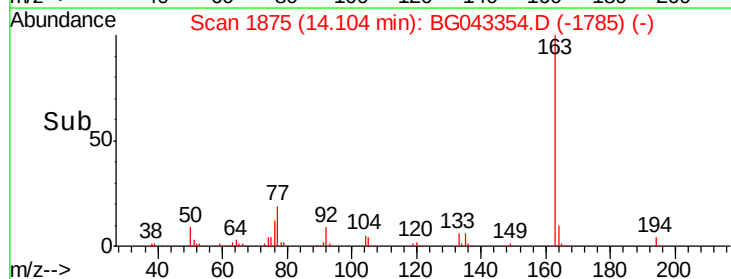
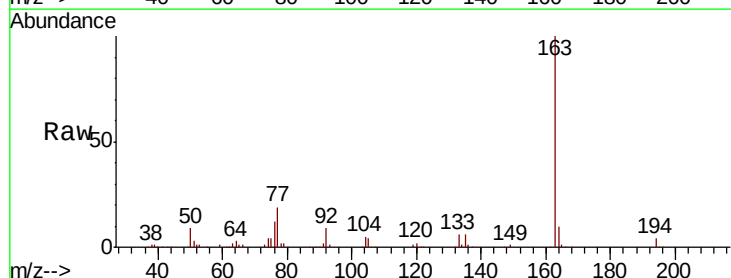
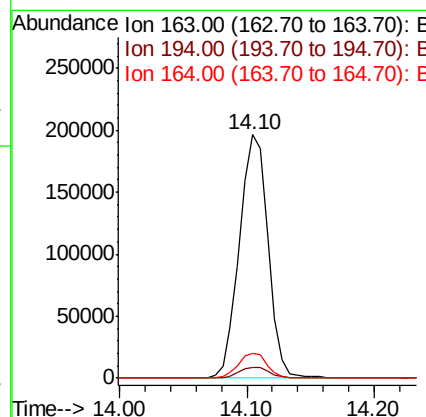
RT: 14.10 min Scan# 1875

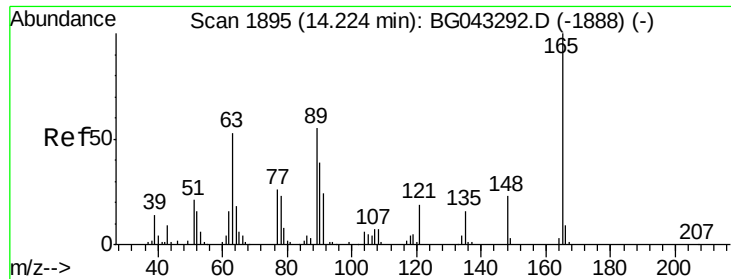
Delta R.T. -0.00 min

Lab File: BG043354.D

Acq: 28 Oct 2019 17:39

Tgt Ion:	163	Resp:	306296
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.7	5.5
164	10.2	8.1	12.1





#51

2,6-Dinitrotoluene

Concen: 40.416 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.00 min

Lab File: BG043354.D

Acq: 28 Oct 2019 17:39

Instrument :

BNA_G

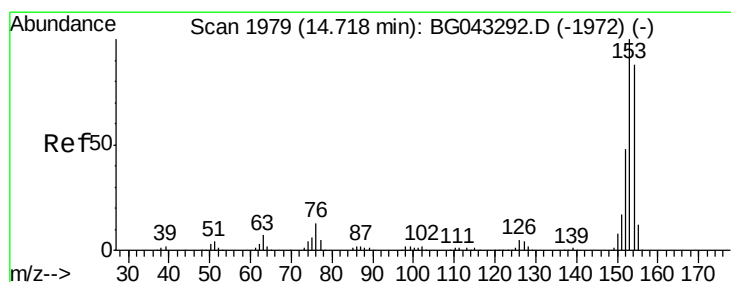
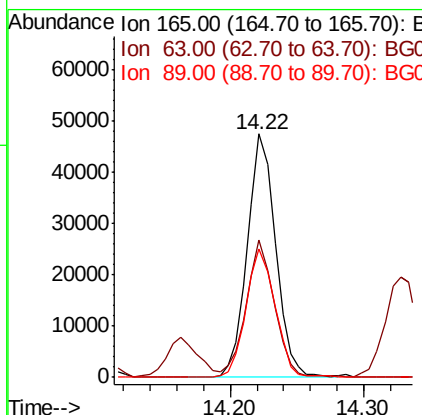
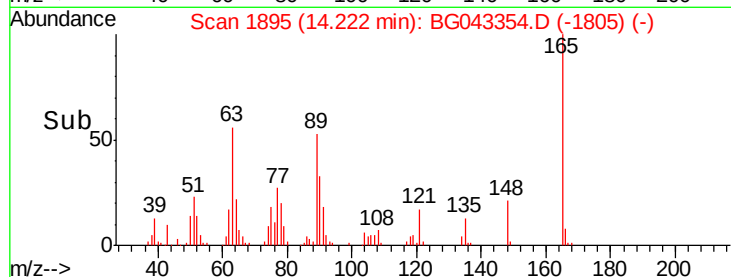
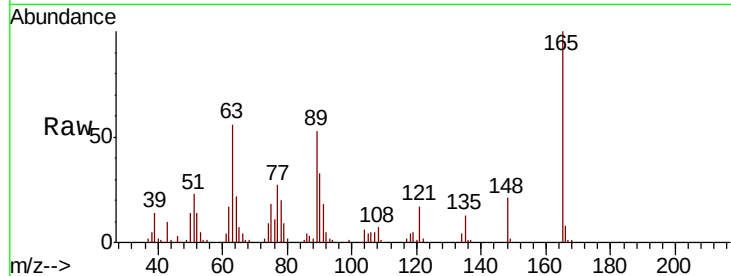
ClientSampleId :

PB124310BSD

Tot Ion:	165	Resp:	69649
Ion Ratio	Lower	Upper	
165	100		
63	56.4	47.1	70.7
89	52.8	43.7	65.5

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#52

Acenaphthene

Concen: 39.162 ng

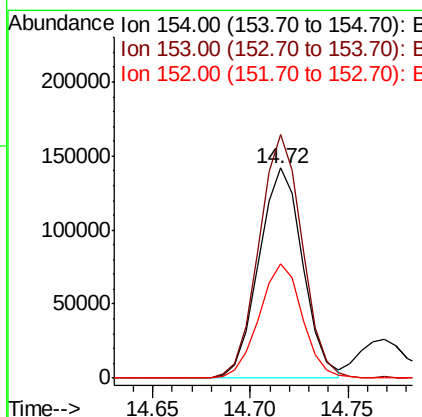
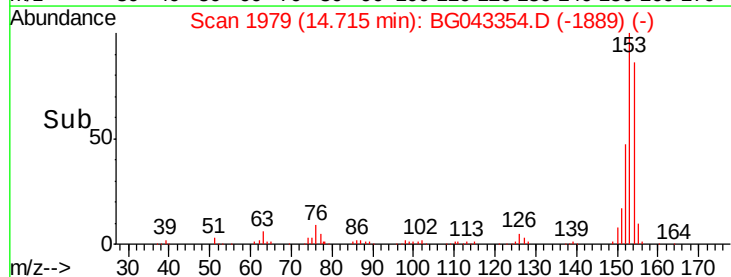
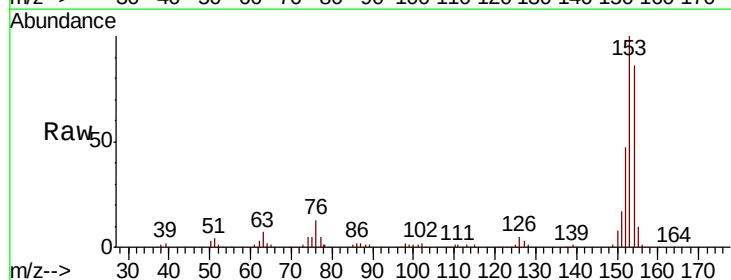
RT: 14.72 min Scan# 1979

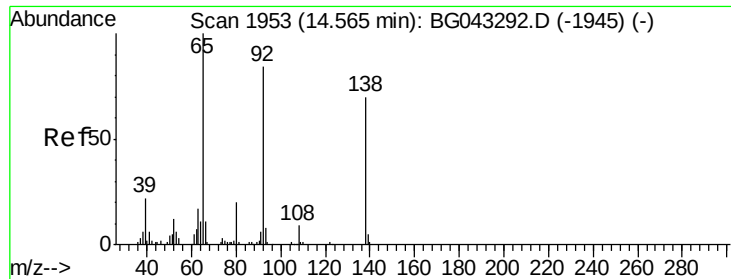
Delta R.T. -0.00 min

Lab File: BG043354.D

Acq: 28 Oct 2019 17:39

Tgt Ion:	154	Resp:	220336
Ion Ratio	Lower	Upper	
154	100		
153	116.0	90.9	136.3
152	54.2	43.9	65.9





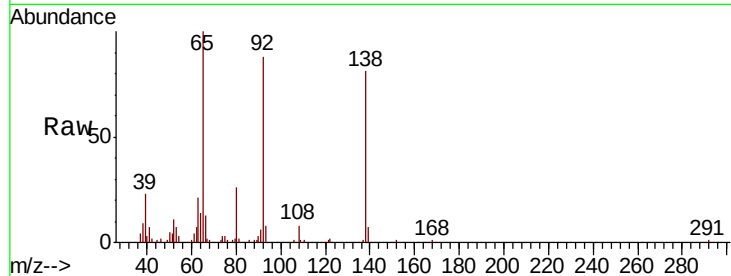
#53
3-Nitroaniline
Concen: 24.478 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BG043354.D
Acq: 28 Oct 2019 17:39

Instrument :
BNA_G
ClientSampleId :
PB124310BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	9.8	14.6
92	108.6	95.8	143.6

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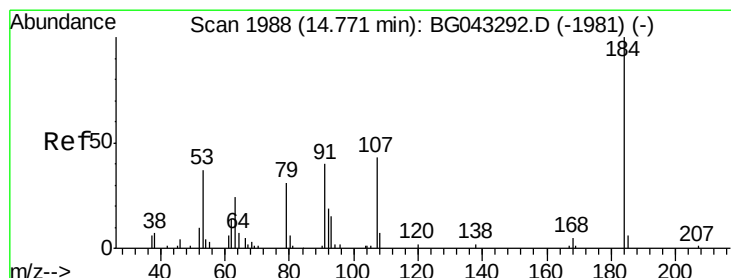
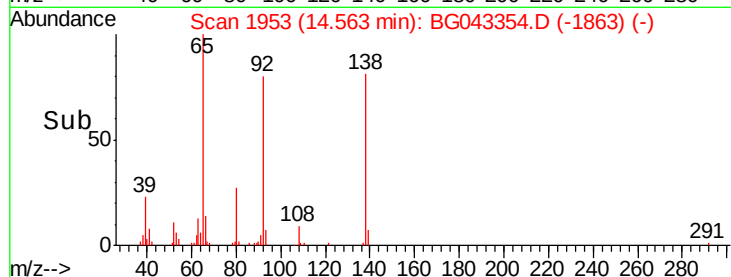
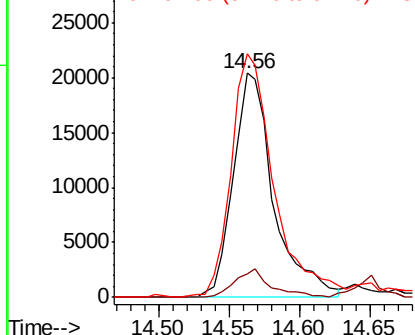


Abundance

Ion 138.00 (137.70 to 138.70): E

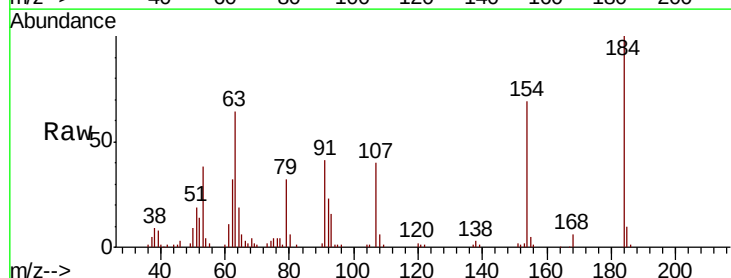
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54
2,4-Dinitrophenol
Concen: 71.627 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.00 min
Lab File: BG043354.D
Acq: 28 Oct 2019 17:39

Tgt Ion	Ratio	Lower	Upper
184	100		
63	64.2	48.8	73.2
154	68.9	49.4	74.0

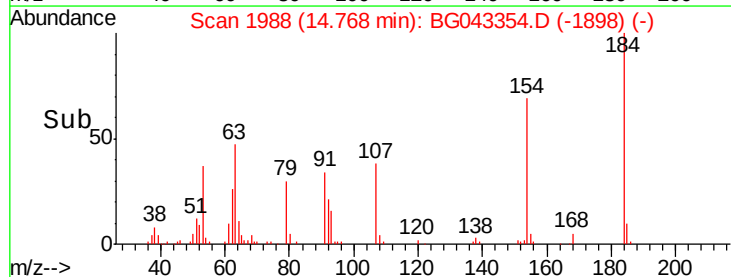
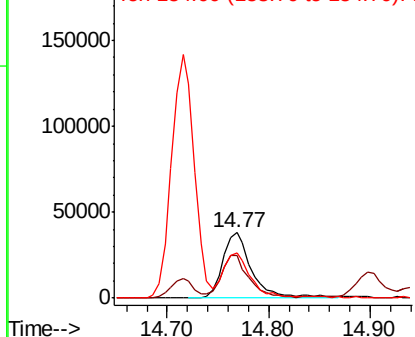


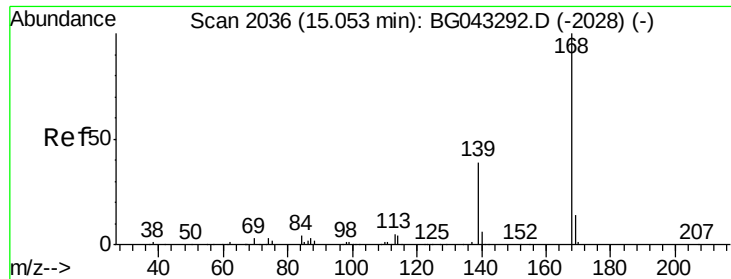
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





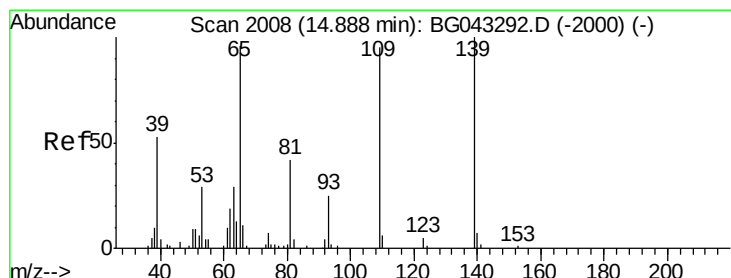
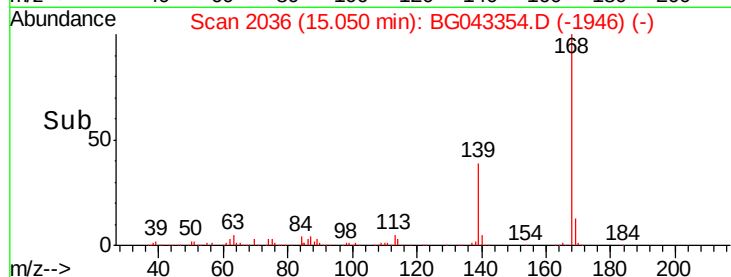
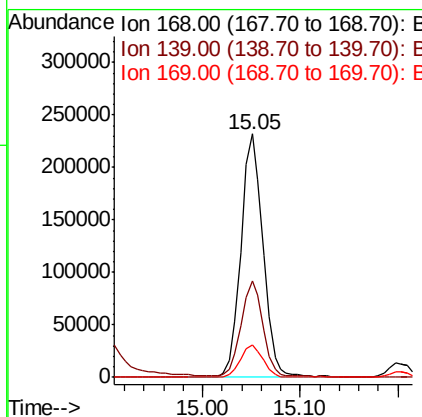
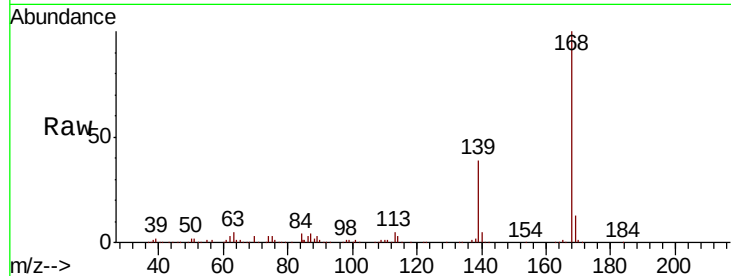
#55
Dibenzenofuran
Concen: 39.926 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG043354.D
Acq: 28 Oct 2019 17:39

Instrument :
BNA_G
ClientSampleId :
PB124310BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.4	31.7	47.5
169	13.2	11.0	16.4

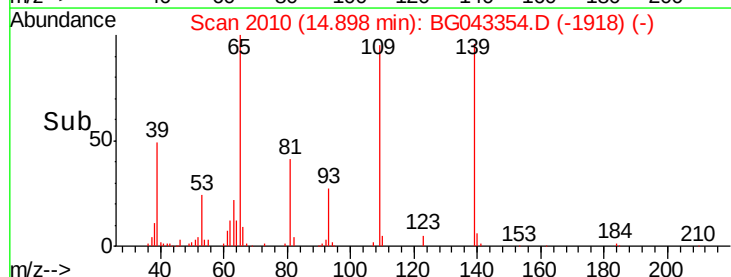
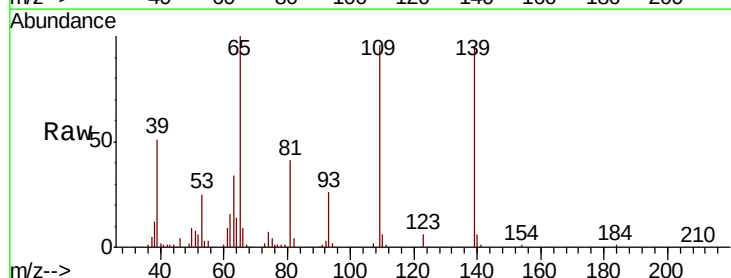
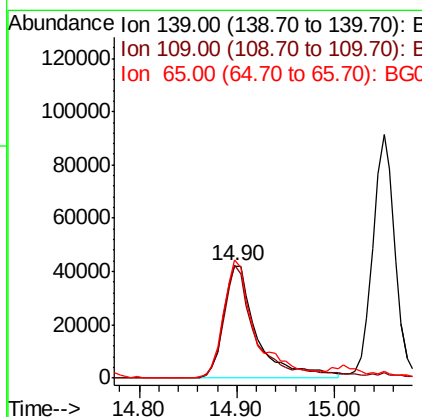
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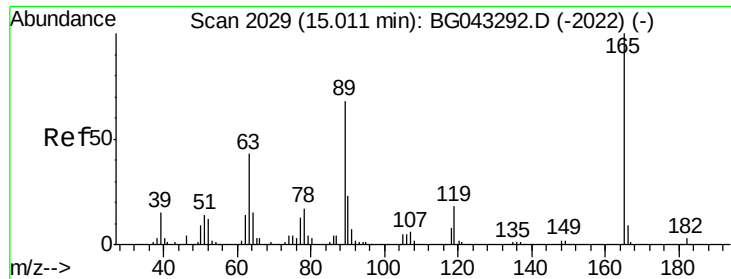
mohammad
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#56
4-Nitrophenol
Concen: 89.810 ng
RT: 14.90 min Scan# 2010
Delta R.T. 0.01 min
Lab File: BG043354.D
Acq: 28 Oct 2019 17:39

Tgt Ion	Ratio	Lower	Upper
139	100		
109	100.4	75.4	115.4
65	105.0	76.6	116.6





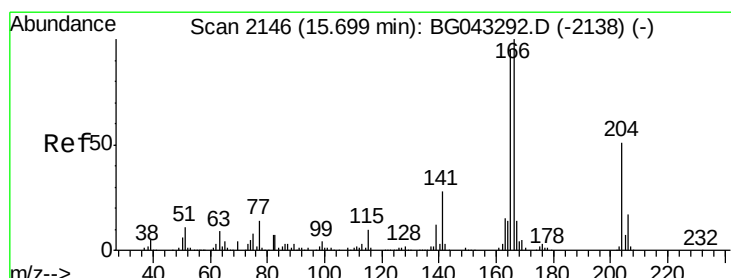
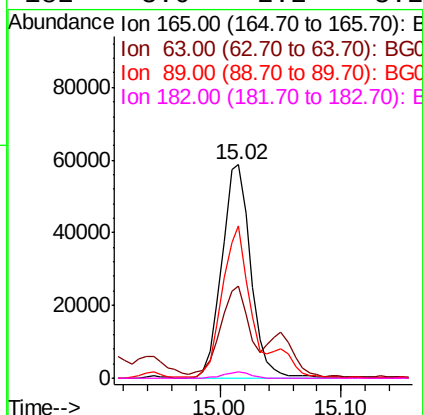
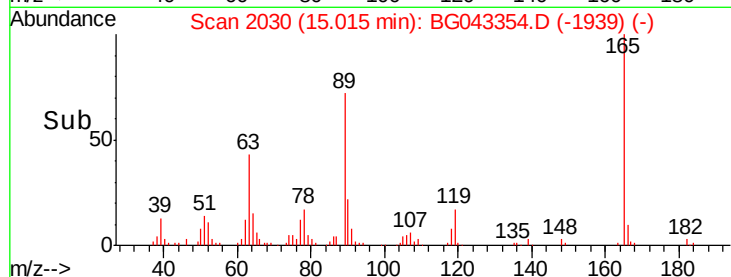
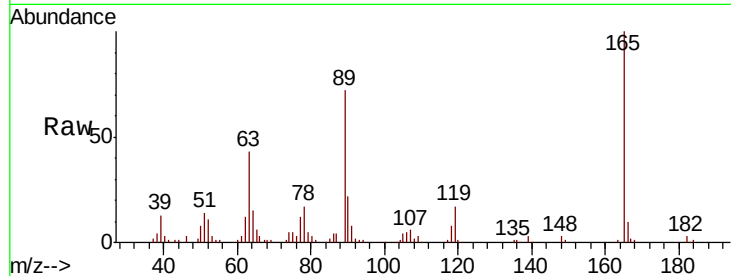
#57
2,4-Dinitrotoluene
Concen: 39.751 ng
RT: 15.02 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BG043354.D
Acq: 28 Oct 2019 17:39

Instrument :
BNA_G
ClientSampleId :
PB124310BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	97899		
63	43.3		35.0	52.6
89	71.6		54.1	81.1
182	3.0		2.2	3.2

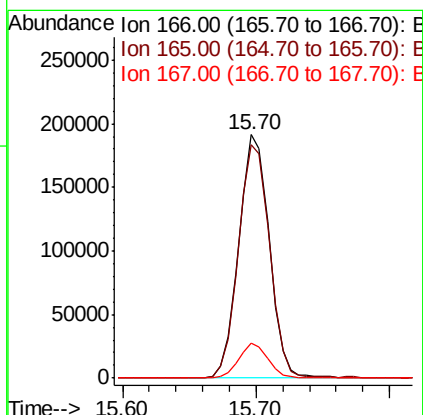
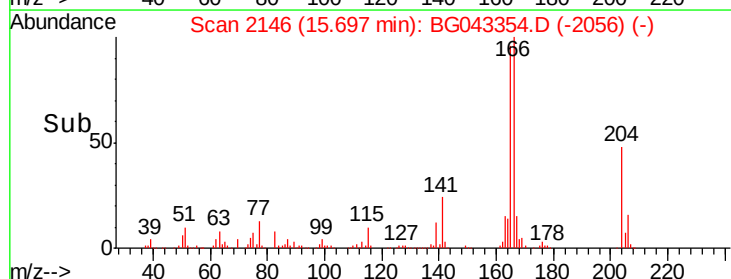
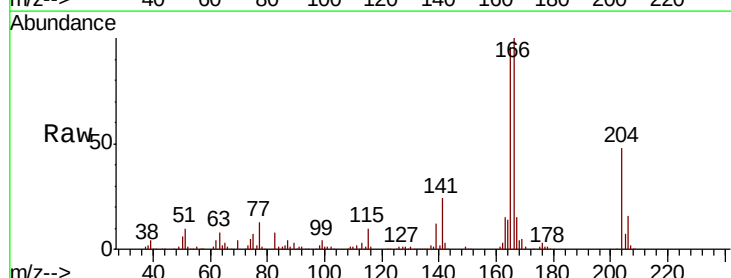
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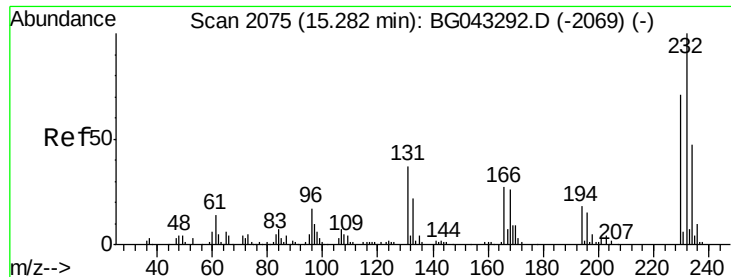
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#58
Fluorene
Concen: 39.483 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG043354.D
Acq: 28 Oct 2019 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	302137		
165	95.9		76.4	114.6
167	14.5		11.1	16.7





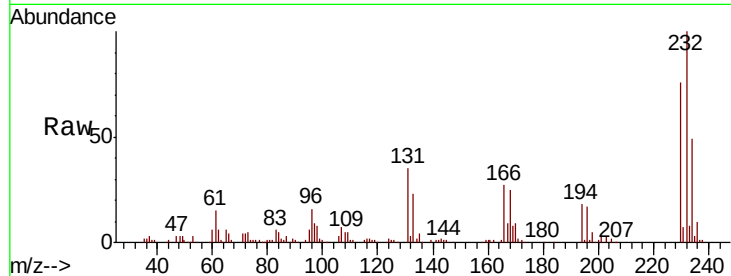
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.178 ng
 RT: 15.29 min Scan# 2076
 Delta R.T. 0.00 min
 Lab File: BG043354.D
 Acq: 28 Oct 2019 17:39

Instrument :
 BNA_G
 ClientSampleId :
 PB124310BSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	37.7	28.7	43.1
130	1.7	0.6	0.8
166	27.1	21.1	31.7

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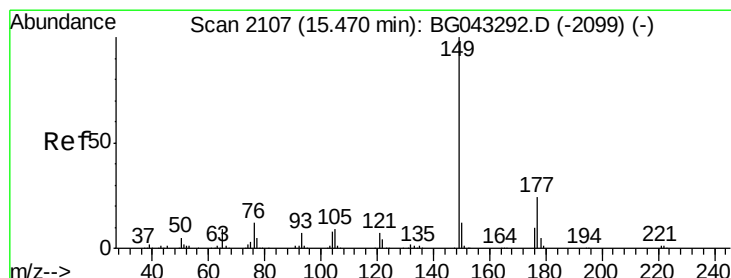
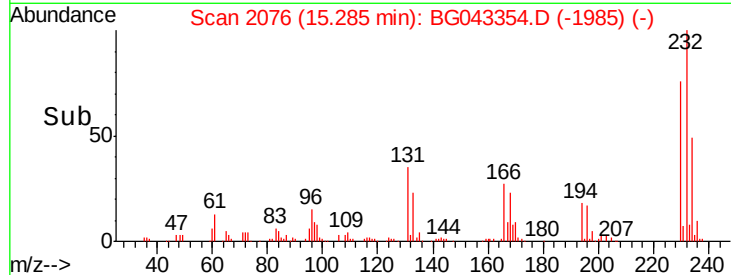
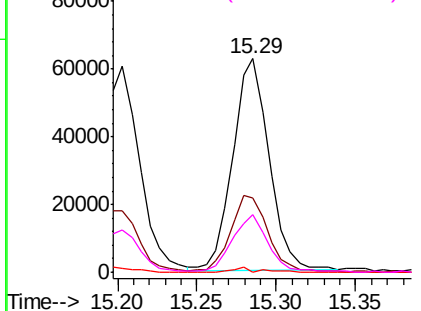
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

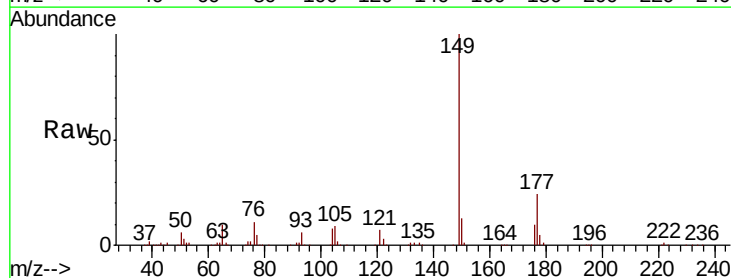
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 38.791 ng
 RT: 15.46 min Scan# 2106
 Delta R.T. -0.01 min
 Lab File: BG043354.D
 Acq: 28 Oct 2019 17:39

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.3	19.0	28.4
150	13.1	9.4	14.0

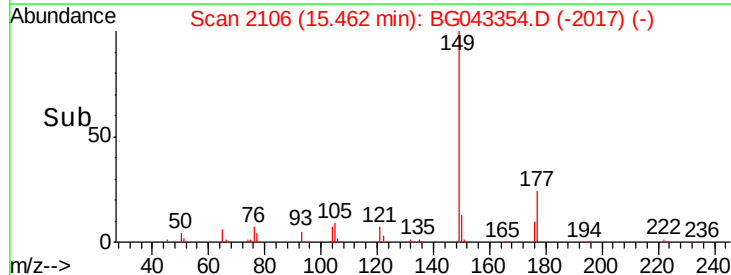
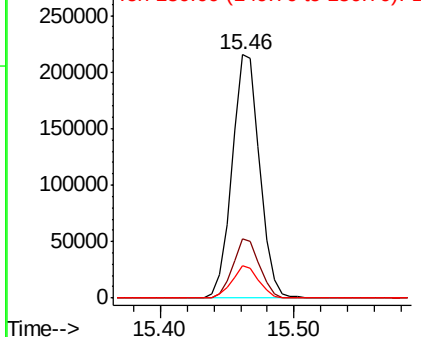


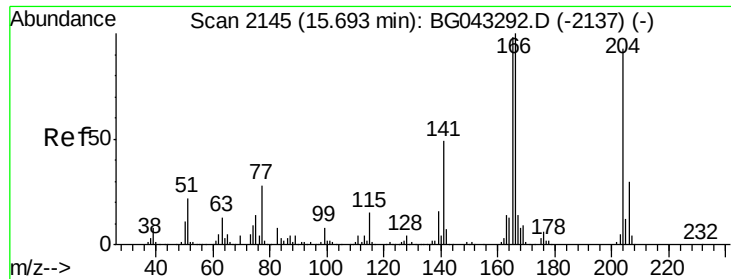
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





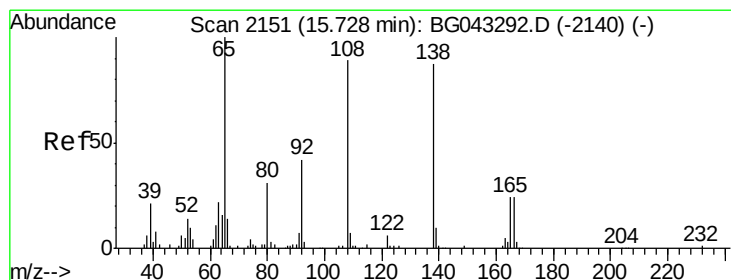
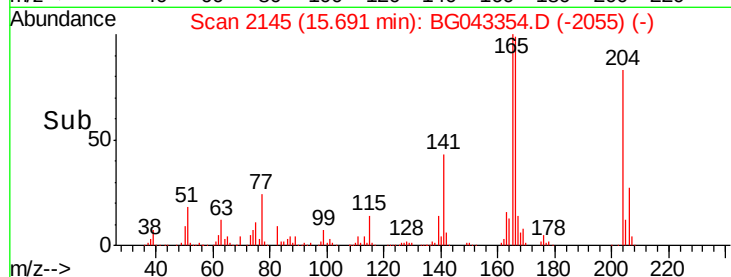
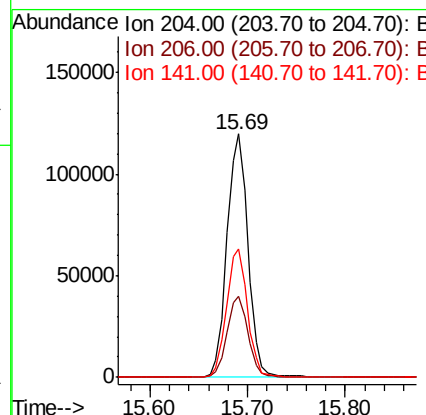
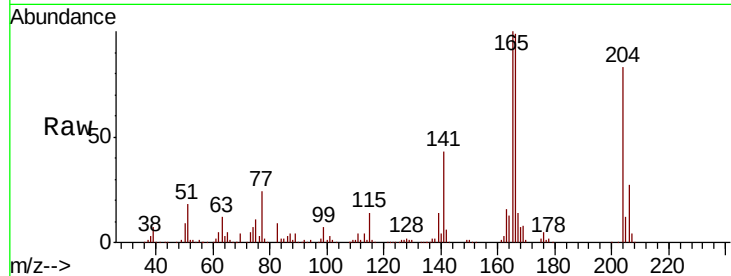
#61
 4-Chlorophenyl-phenylether
 Concen: 40.044 ng
 RT: 15.69 min Scan# 2145
 Delta R.T. -0.00 min
 Lab File: BG043354.D
 Acq: 28 Oct 2019 17:39

Instrument :
 BNA_G
 ClientSampleId :
 PB124310BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.3	25.7	38.5
141	52.6	42.3	63.5

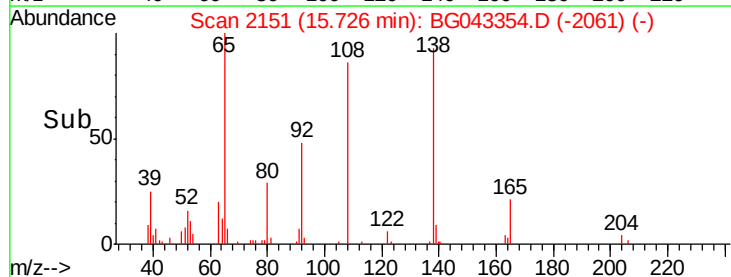
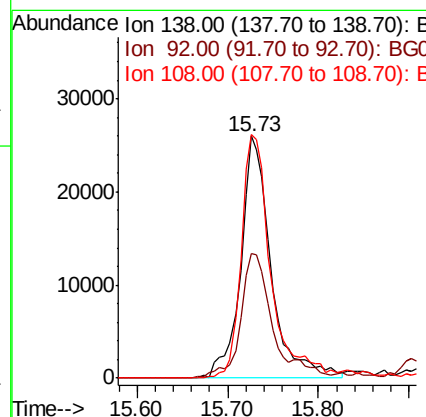
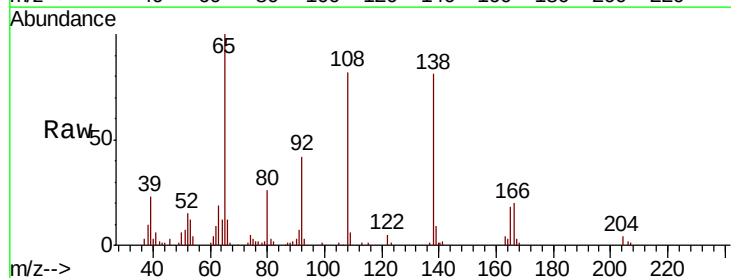
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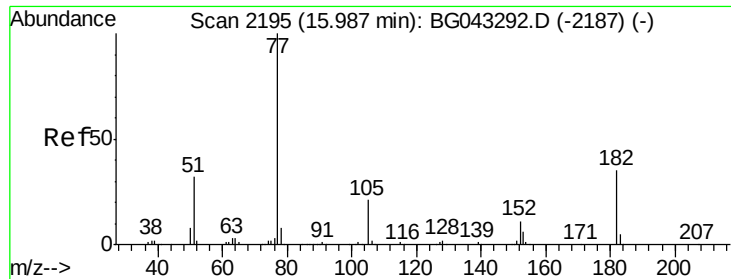
mohammad
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#62
 4-Nitroaniline
 Concen: 35.226 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.00 min
 Lab File: BG043354.D
 Acq: 28 Oct 2019 17:39

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.5	28.8	68.8
108	100.6	82.7	122.7





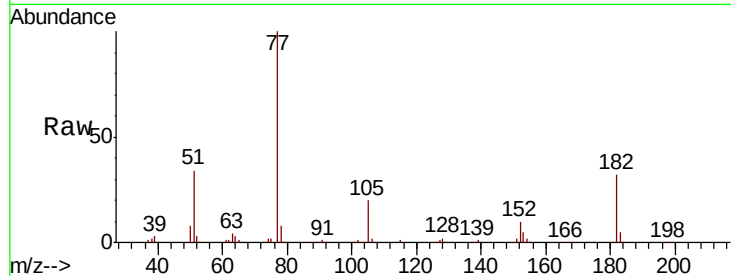
#63
Azobenzene
Concen: 39.469 ng
RT: 15.98 min Scan# 2194
Delta R.T. -0.01 min
Lab File: BG043354.D
Acq: 28 Oct 2019 17:39

Instrument :
BNA_G
ClientSampleId :
PB124310BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		254603		
182	31.6	14.9	54.9		
105	20.3	0.6	40.6		
51	33.6	12.5	52.5		

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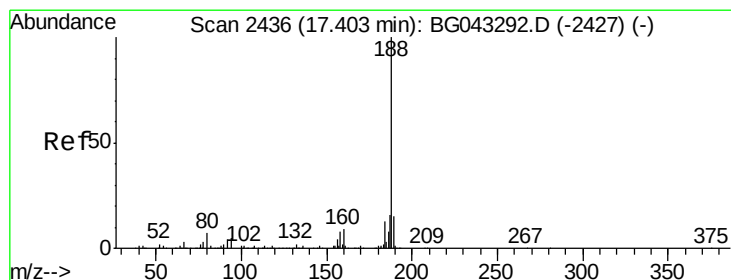
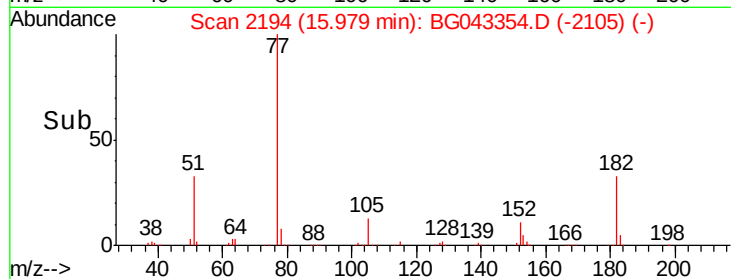
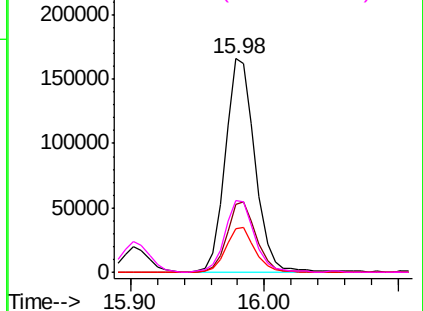
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

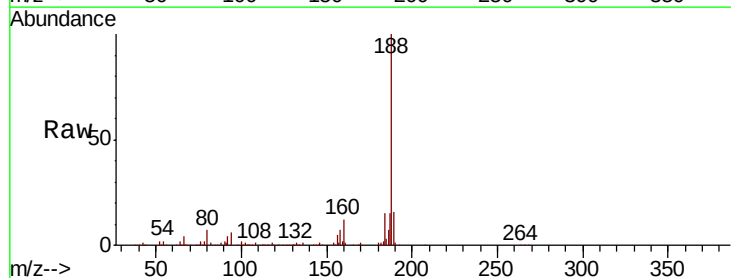
Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG043354.D
Acq: 28 Oct 2019 17:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		241610		
94	5.9	4.2	6.2		
80	7.1	5.2	7.8		

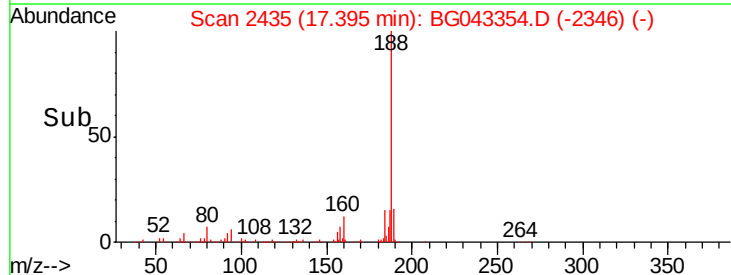
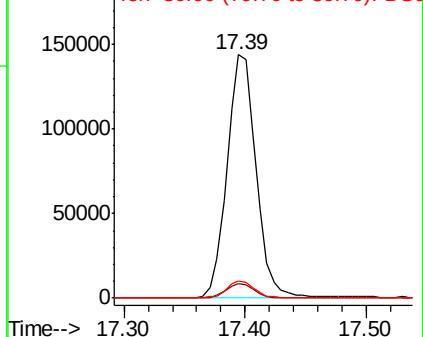


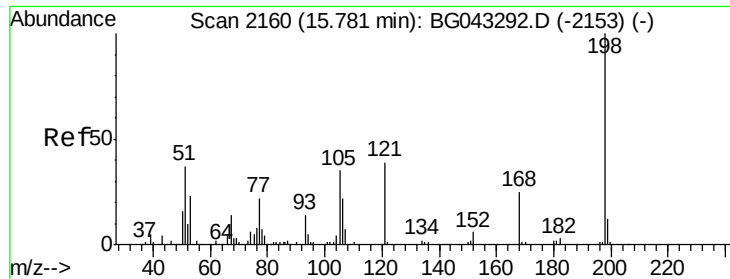
Abundance

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: 42.368 ng

RT: 15.78 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BG043354.D

Acq: 28 Oct 2019 17:39

Instrument :

BNA_G

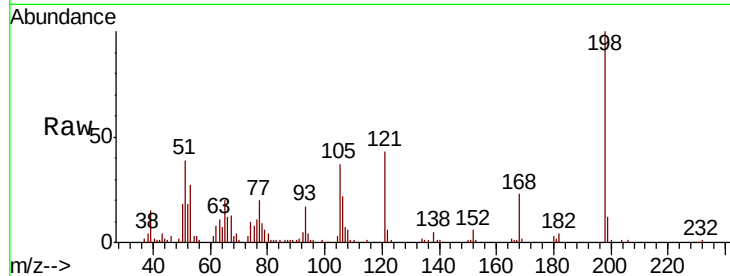
ClientSampleId :

PB124310BSD

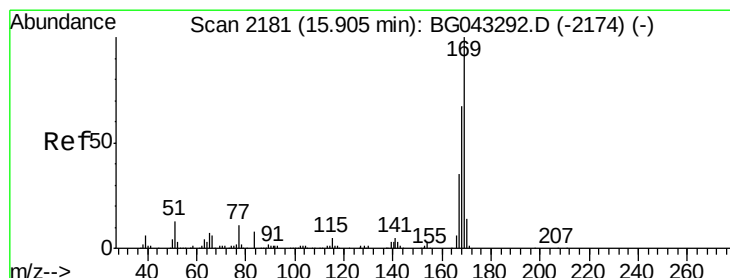
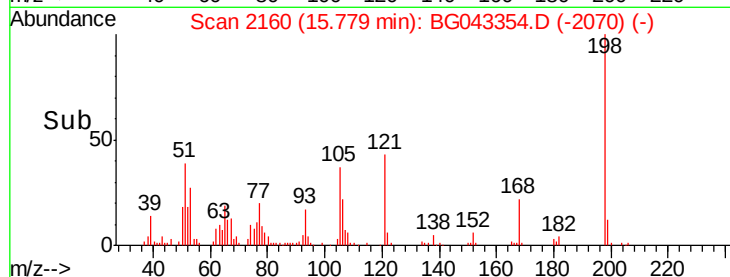
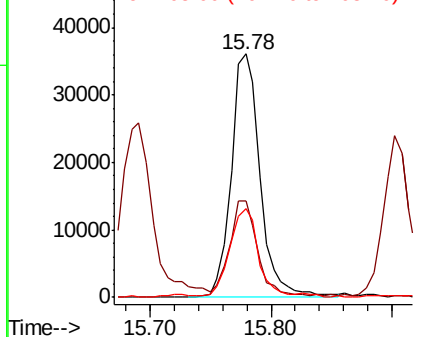
Tot Ion:	198	Resp:	60242
Ion Ratio	Lower	Upper	
198	100		
51	39.4	21.4	61.4
105	36.7	16.5	56.5

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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.975 ng

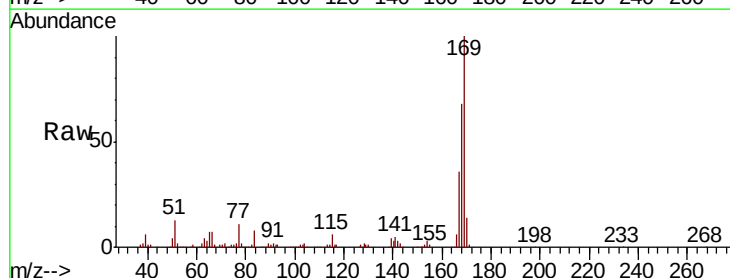
RT: 15.90 min Scan# 2181

Delta R.T. -0.00 min

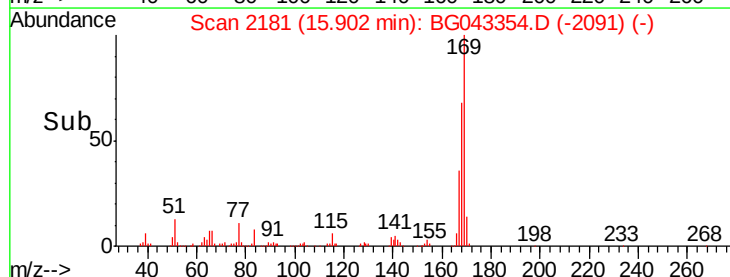
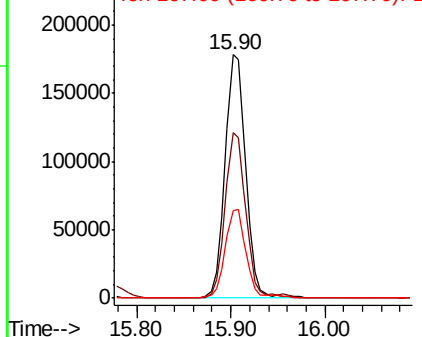
Lab File: BG043354.D

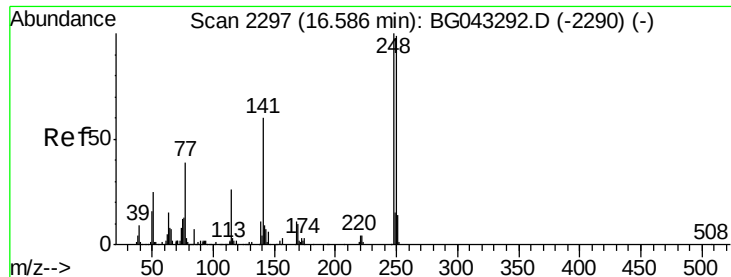
Acq: 28 Oct 2019 17:39

Tgt Ion:	169	Resp:	272682
Ion Ratio	Lower	Upper	
169	100		
168	67.8	53.9	80.9
167	35.9	28.3	42.5



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





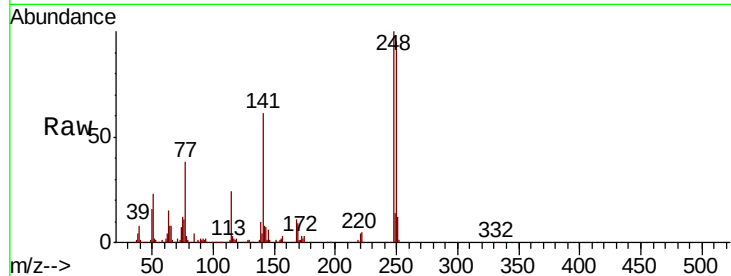
#67
4-Bromophenyl-phenylether
Concen: 38.165 ng
RT: 16.58 min Scan# 2297
Delta R.T. -0.00 min
Lab File: BG043354.D
Acq: 28 Oct 2019 17:39

Instrument :
BNA_G
ClientSampleId :
PB124310BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.2	79.3	118.9
141	61.2	47.9	71.9

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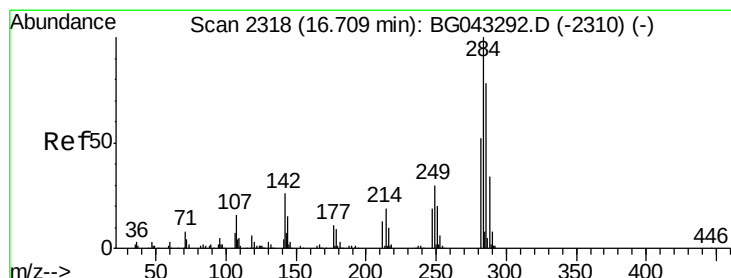
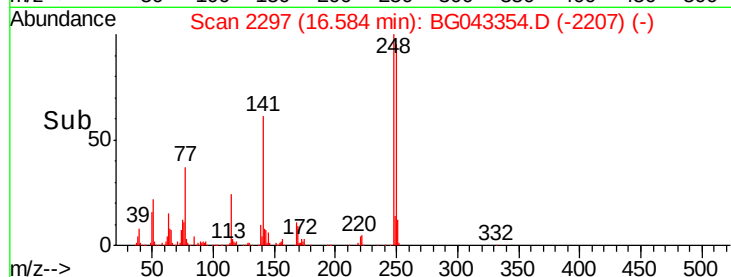
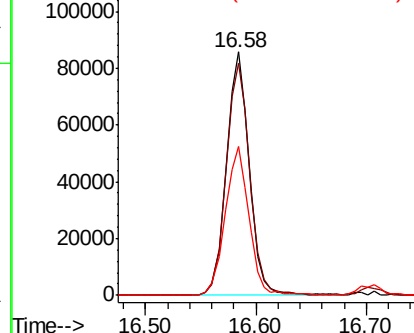


Abundance

Ion 248.00 (247.70 to 248.70): E

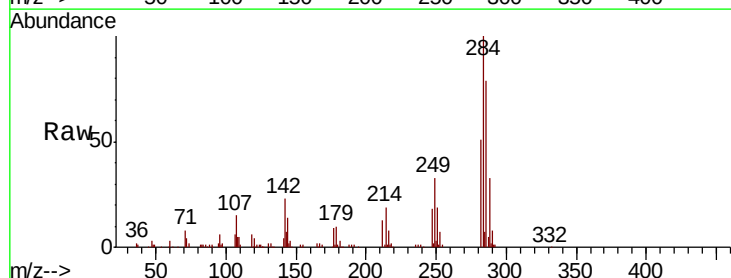
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 37.310 ng
RT: 16.71 min Scan# 2318
Delta R.T. -0.00 min
Lab File: BG043354.D
Acq: 28 Oct 2019 17:39

Tgt Ion	Ratio	Lower	Upper
284	100		
142	22.9	21.1	31.7
249	32.8	24.4	36.6

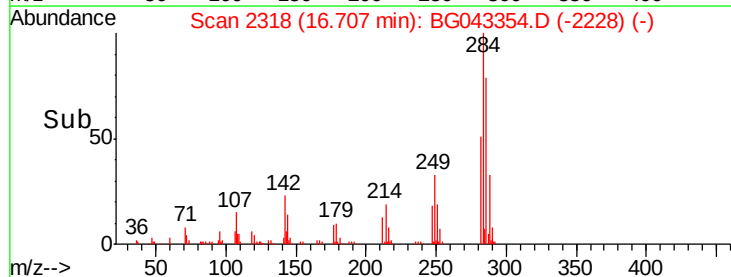
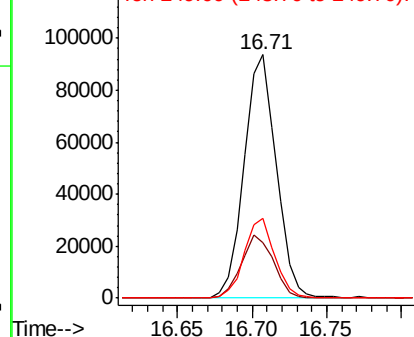


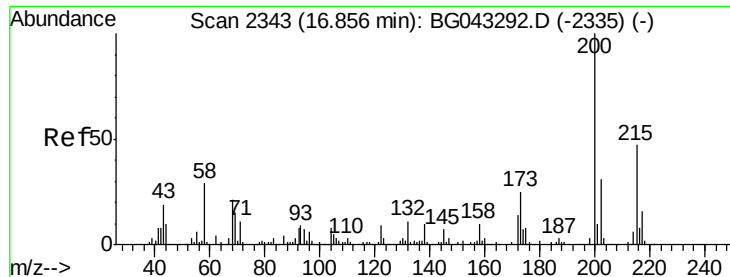
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





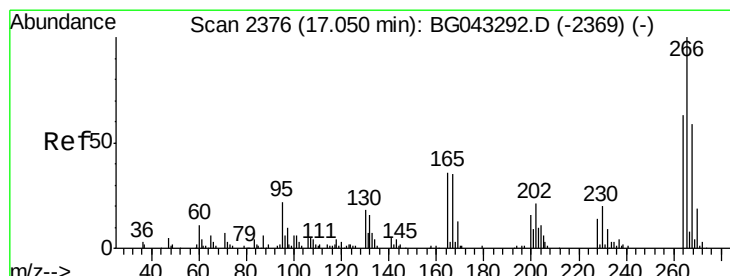
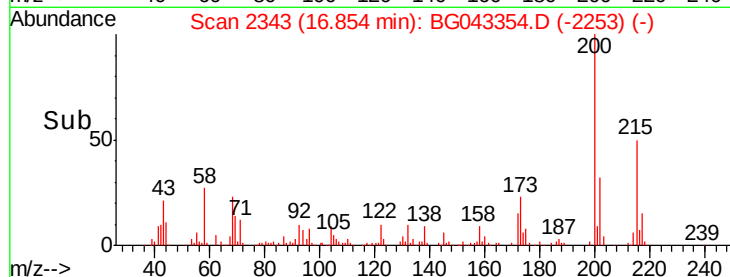
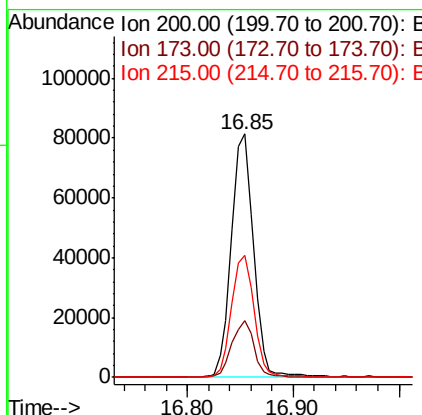
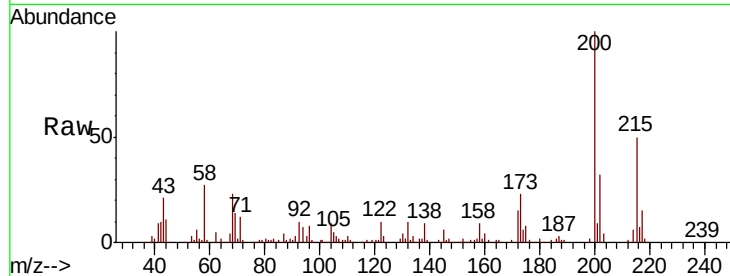
#69
Atrazine
Concen: 50.090 ng
RT: 16.85 min Scan# 2343
Delta R.T. -0.00 min
Lab File: BG043354.D
Acq: 28 Oct 2019 17:39

Instrument :
BNA_G
ClientSampleId :
PB124310BSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	118726		
173	23.1	5.1	45.1	
215	50.1	26.6	66.6	

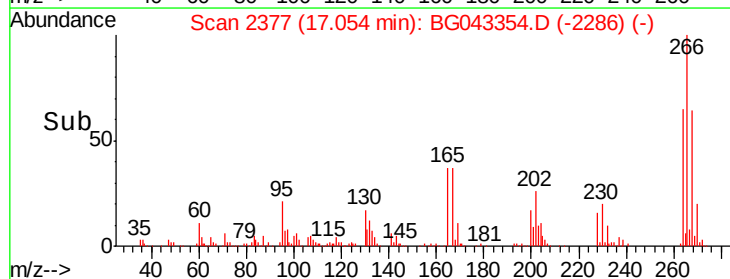
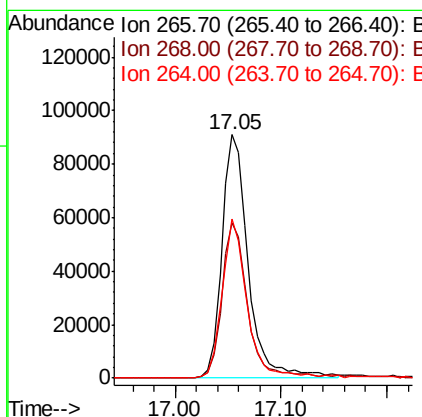
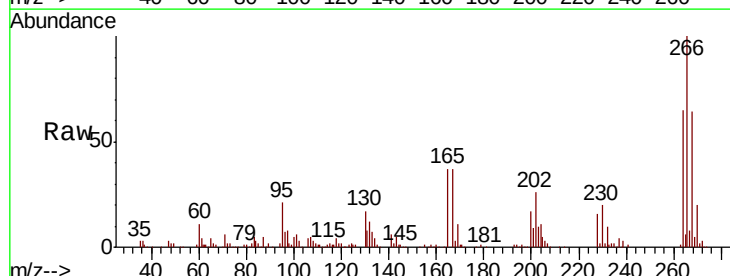
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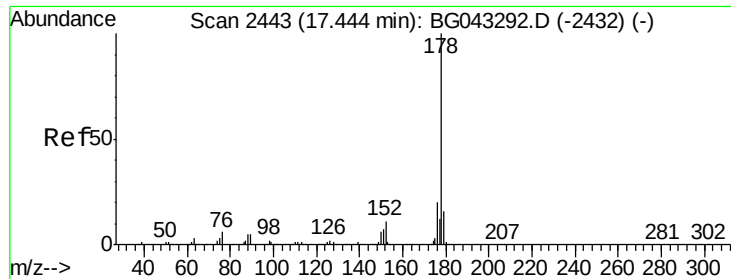
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#70
Pentachlorophenol
Concen: 92.382 ng
RT: 17.05 min Scan# 2377
Delta R.T. 0.00 min
Lab File: BG043354.D
Acq: 28 Oct 2019 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	157114		
268	63.6	47.1	70.7	
264	65.2	50.4	75.6	





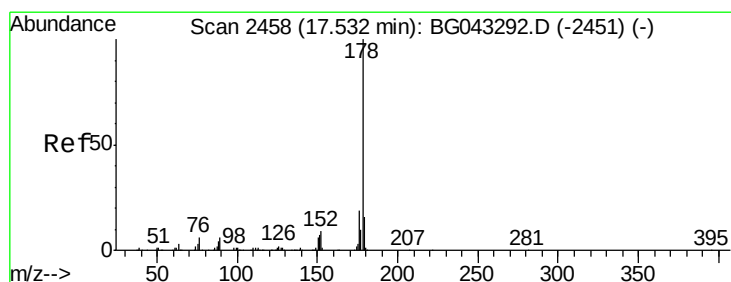
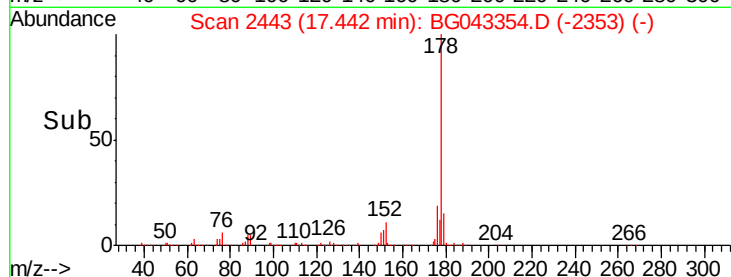
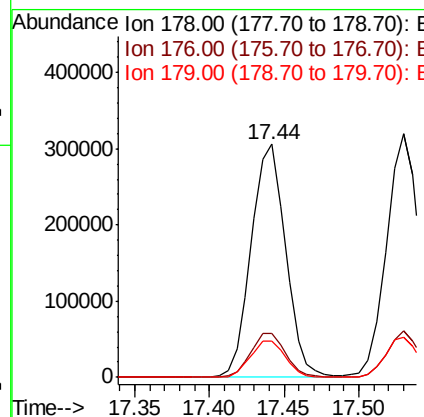
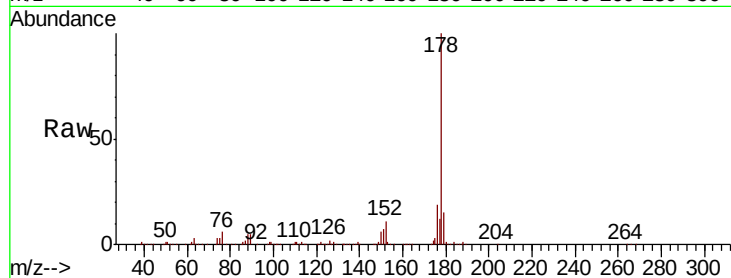
#71
Phenanthrene
Concen: 39.401 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG043354.D
Acq: 28 Oct 2019 17:39

Instrument :
BNA_G
ClientSampleId :
PB124310BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	15.3	13.1	19.7

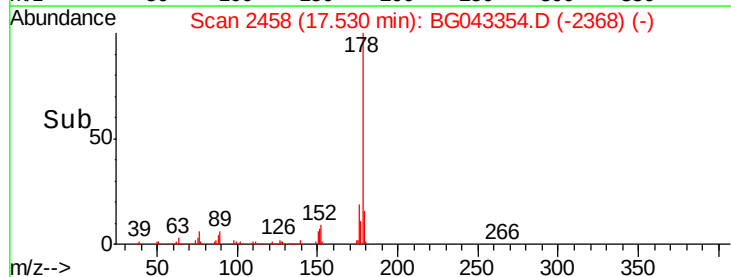
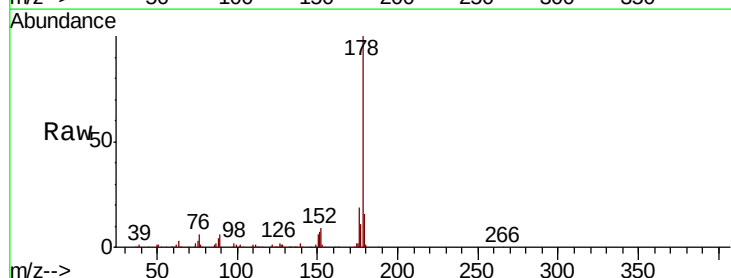
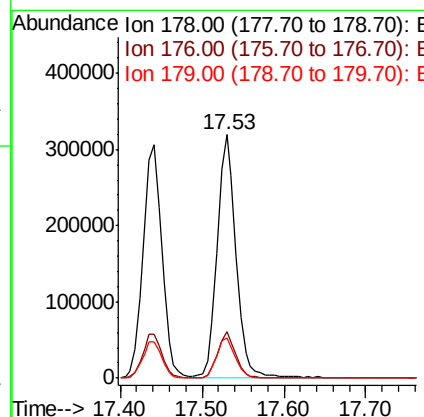
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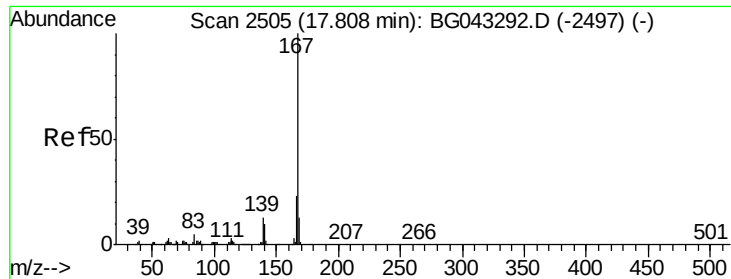
mohammad
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#72
Anthracene
Concen: 41.327 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.00 min
Lab File: BG043354.D
Acq: 28 Oct 2019 17:39

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.1	22.7
179	16.4	13.0	19.6





#73

Carbazole

Concen: 40.503 ng

RT: 17.81 min Scan# 2505

Delta R.T. -0.00 min

Lab File: BG043354.D

Acq: 28 Oct 2019 17:39

Instrument :

BNA_G

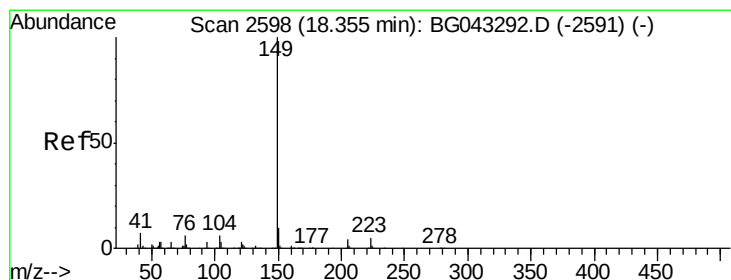
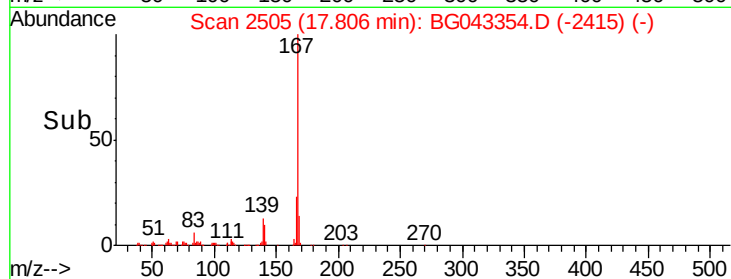
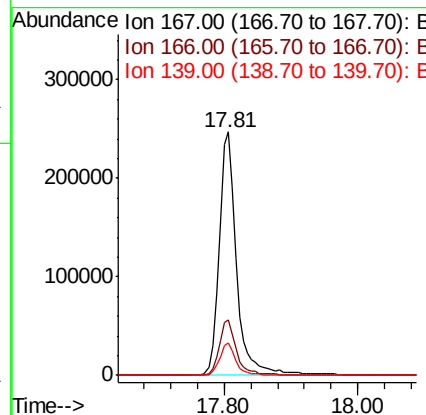
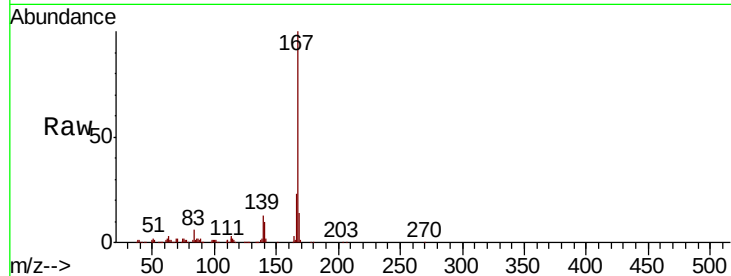
ClientSampleId :

PB124310BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.4	27.6
139	13.1	10.2	15.4

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#74

Di-n-butylphthalate

Concen: 40.467 ng

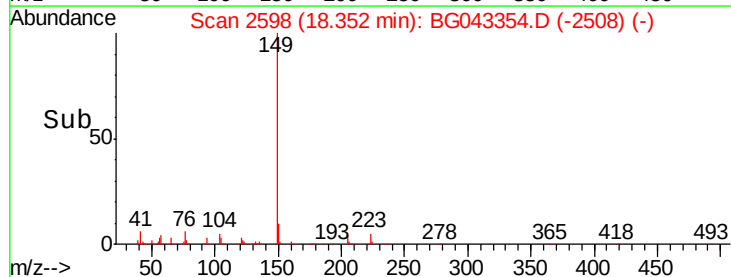
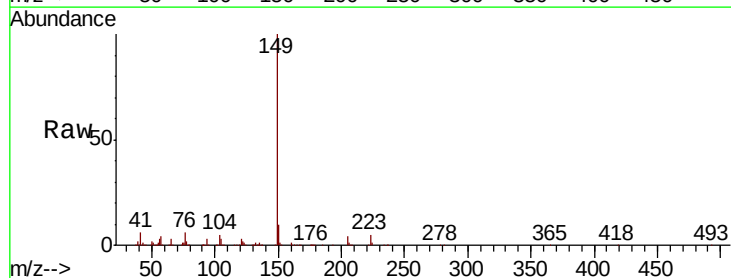
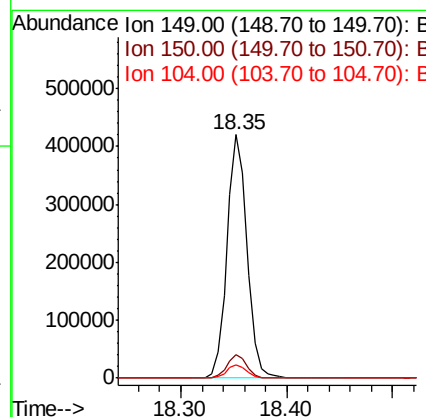
RT: 18.35 min Scan# 2598

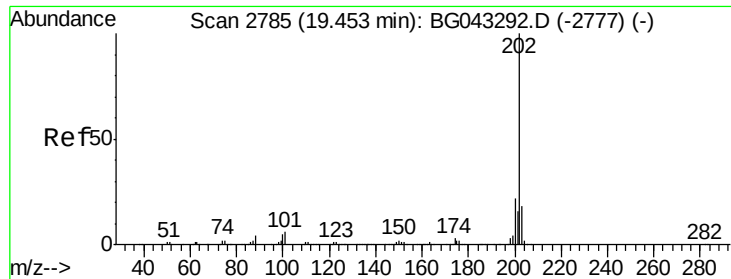
Delta R.T. -0.00 min

Lab File: BG043354.D

Acq: 28 Oct 2019 17:39

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	8.0	12.0
104	5.5	4.7	7.1





#75

Fluoranthene

Concen: 41.419 ng

RT: 19.45 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG043354.D

Acq: 28 Oct 2019 17:39

Instrument :

BNA_G

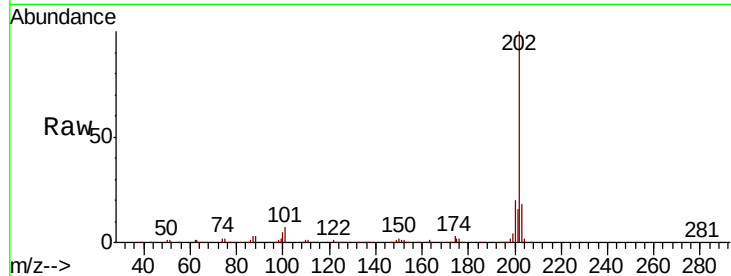
ClientSampleId :

PB124310BSD

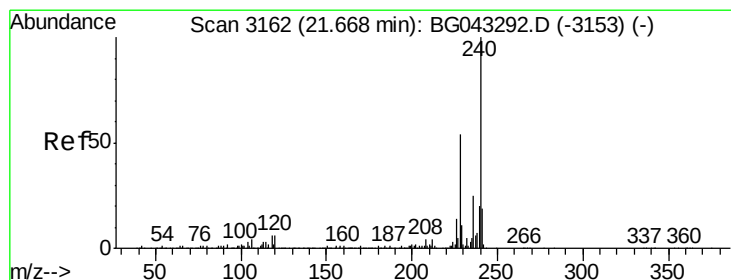
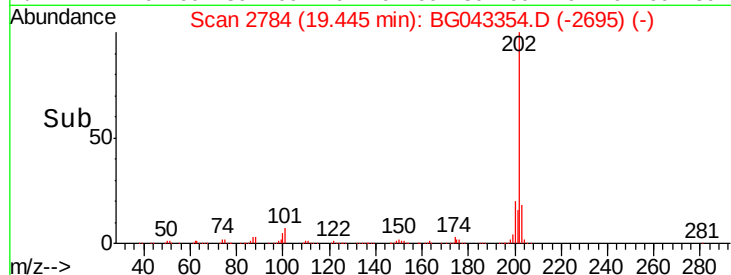
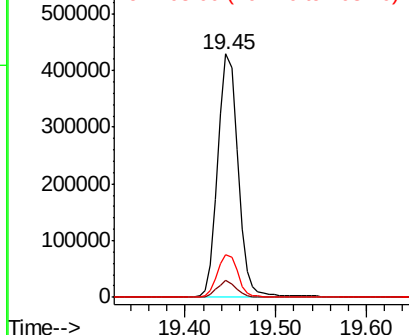
Tot Ion:	202	Resp:	668066
Ion Ratio	Lower	Upper	
202	100		
101	6.7	0.0	26.0
203	17.7	0.0	38.2

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3161

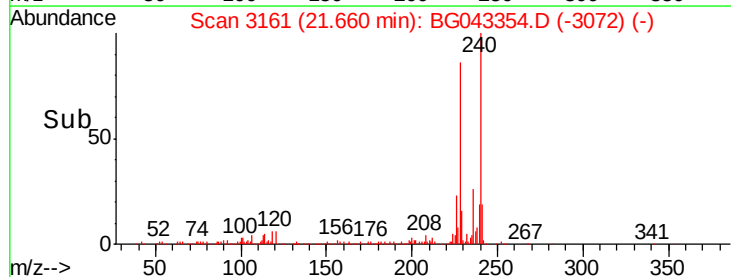
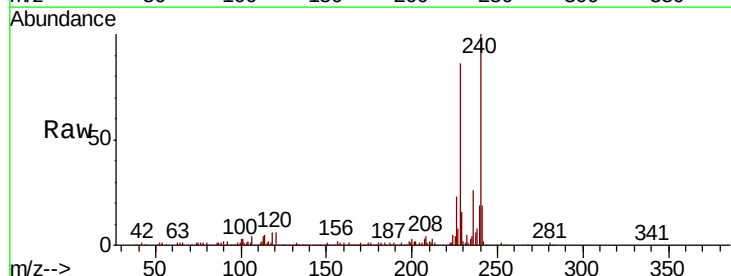
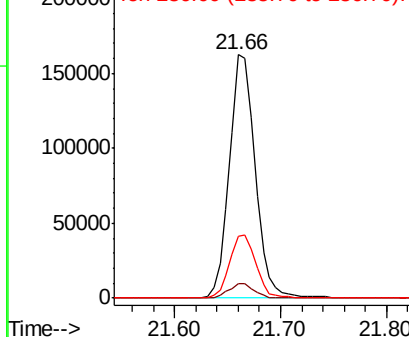
Delta R.T. -0.01 min

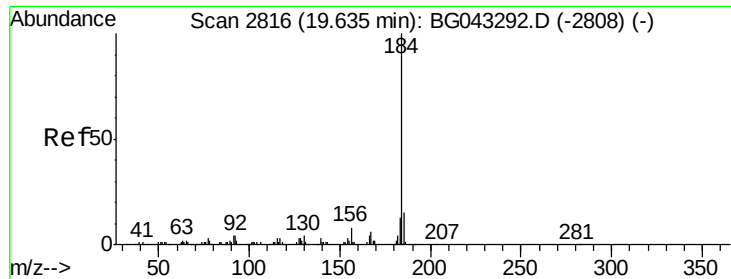
Lab File: BG043354.D

Acq: 28 Oct 2019 17:39

Tgt Ion:	240	Resp:	274282
Ion Ratio	Lower	Upper	
240	100		
120	5.9	4.6	7.0
236	25.6	20.2	30.4

Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 53.880 ng

RT: 19.63 min Scan# 2816

Delta R.T. -0.00 min

Lab File: BG043354.D

Acq: 28 Oct 2019 17:39

Instrument :

BNA_G

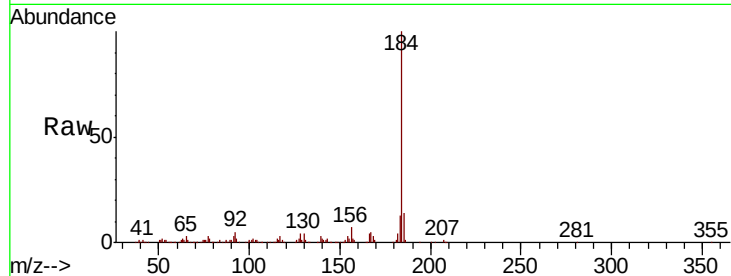
ClientSampleId :

PB124310BSD

Tot Ion:	184	Resp:	297420
Ion Ratio	Lower	Upper	
184	100		
185	13.6	11.8	17.6
183	12.9	10.6	16.0

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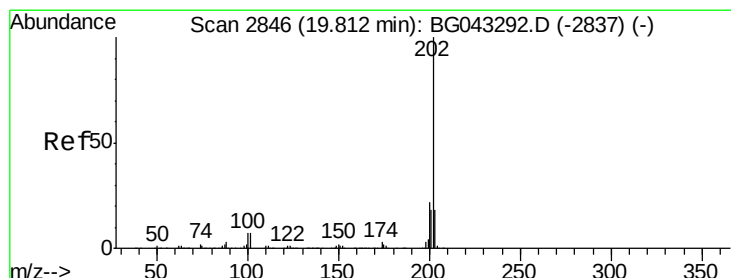
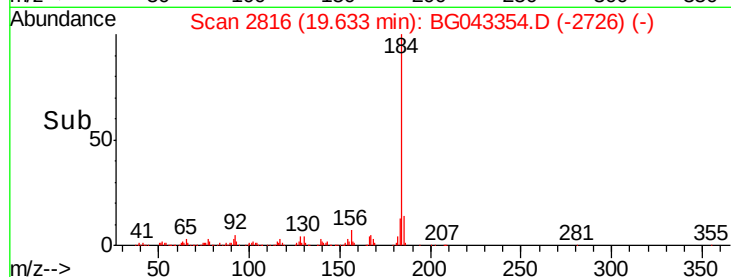
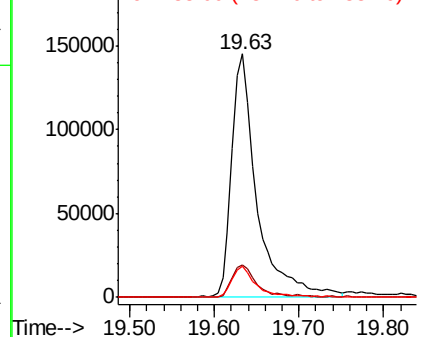


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.063 ng

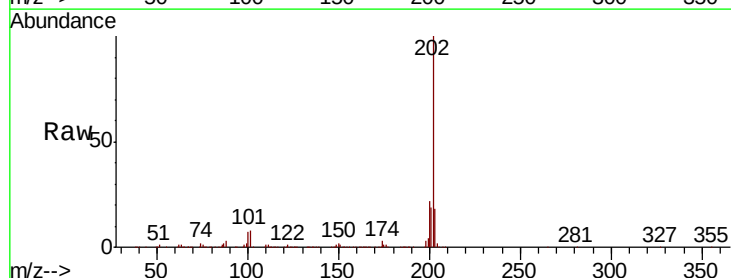
RT: 19.81 min Scan# 2846

Delta R.T. -0.00 min

Lab File: BG043354.D

Acq: 28 Oct 2019 17:39

Tgt Ion:	202	Resp:	680172
Ion Ratio	Lower	Upper	
202	100		
200	22.0	17.3	25.9
203	18.1	14.5	21.7

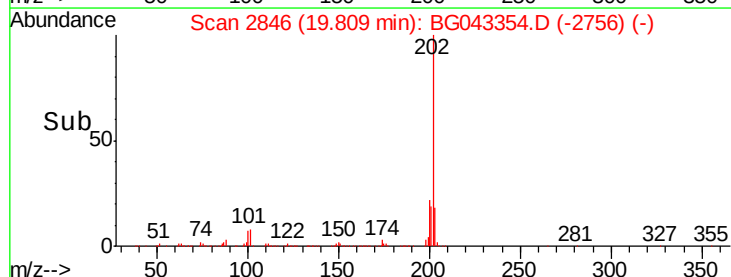
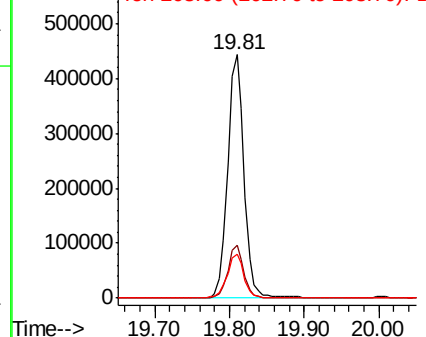


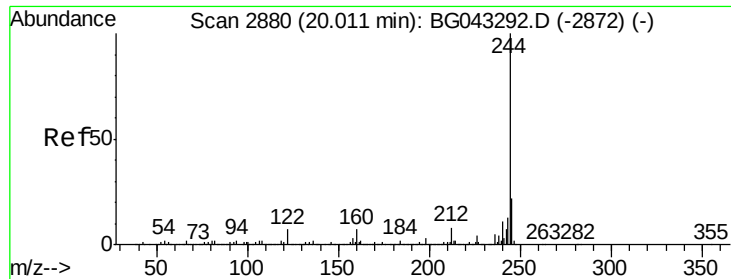
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





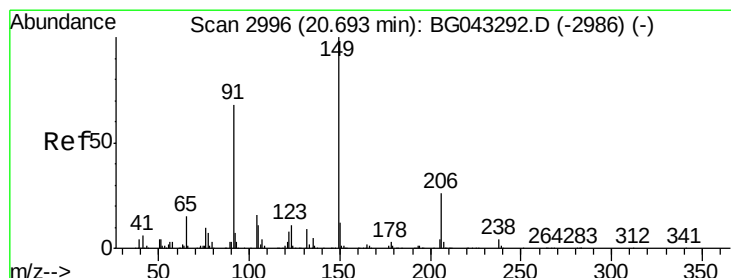
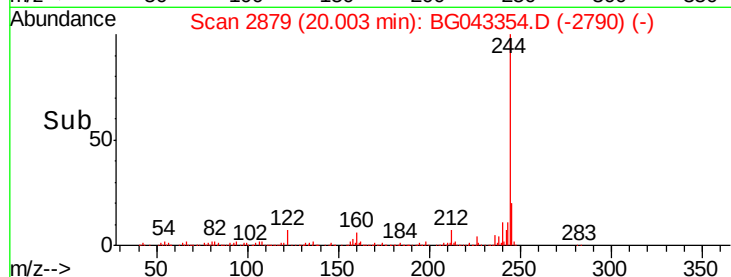
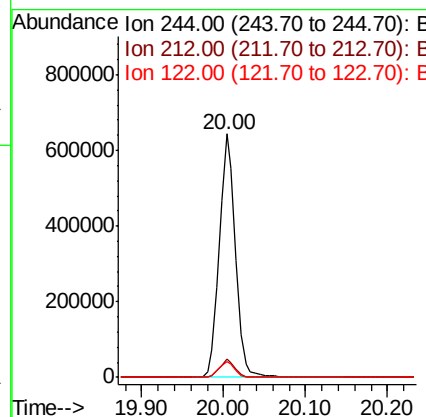
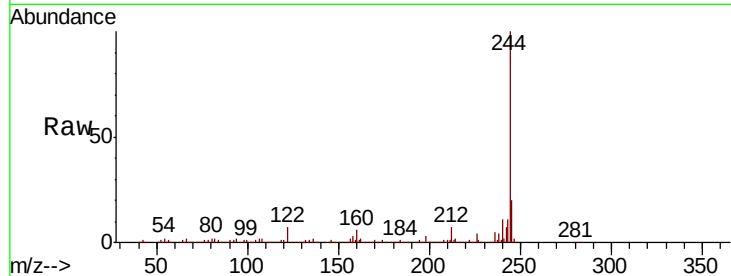
#79
Terphenyl-d14
Concen: 60.647 ng
RT: 20.00 min Scan# 2879
Delta R.T. -0.01 min
Lab File: BG043354.D
Acq: 28 Oct 2019 17:39

Instrument :
BNA_G
ClientSampleId :
PB124310BSD

Tot Ion	Ratio	Resp	Lower	Upper
244	100	886671		
212	7.4		6.4	9.6
122	6.6		5.3	7.9

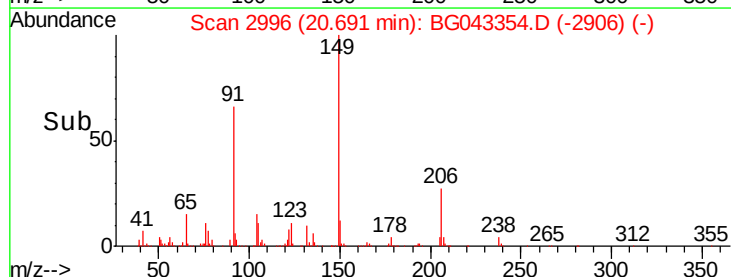
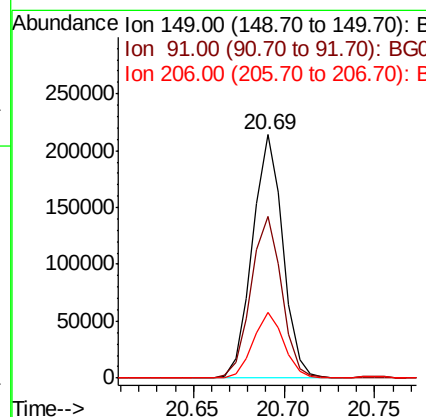
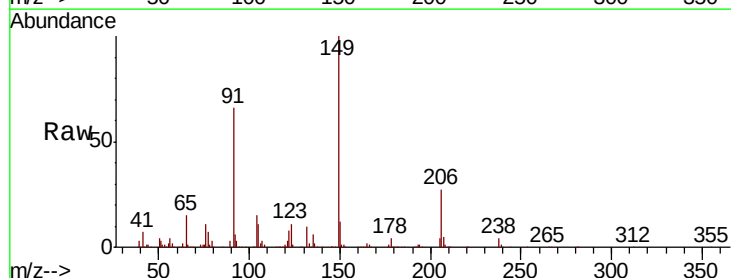
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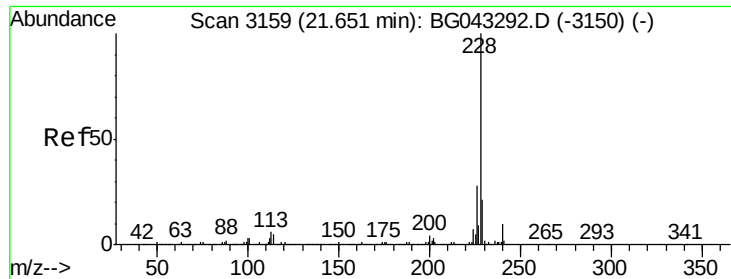
mohammad
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#80
Butylbenzylphthalate
Concen: 38.852 ng
RT: 20.69 min Scan# 2996
Delta R.T. -0.00 min
Lab File: BG043354.D
Acq: 28 Oct 2019 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	249903		
91	66.3		54.6	82.0
206	26.8		20.5	30.7





#81

Benzo(a)anthracene

Concen: 40.652 ng

RT: 21.64 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BG043354.D

Acq: 28 Oct 2019 17:39

Instrument :

BNA_G

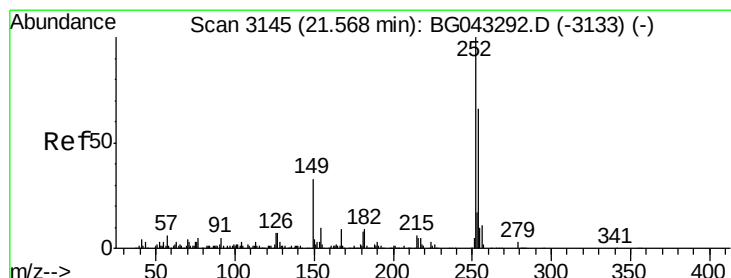
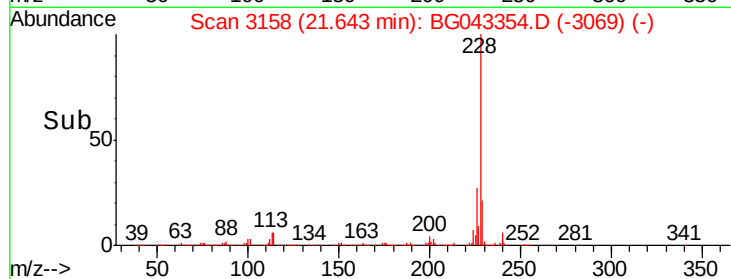
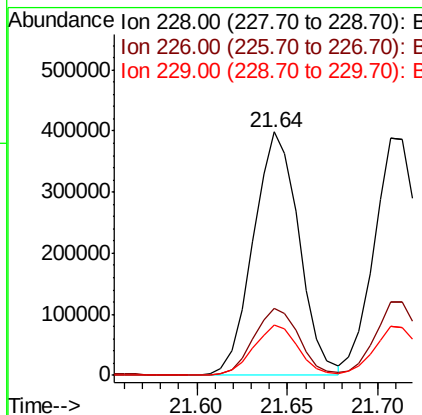
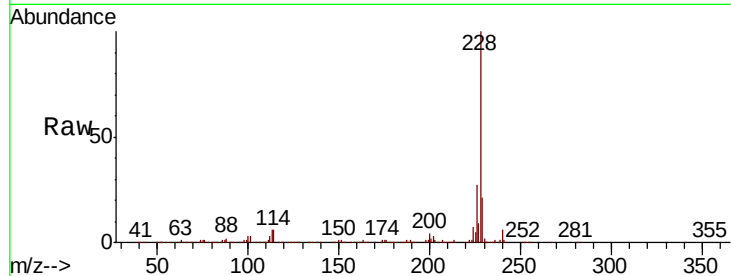
ClientSampleId :

PB124310BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100		698428		
226	27.4	22.2	33.4		
229	20.7	16.9	25.3		

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#82

3,3'-Dichlorobenzidine

Concen: 29.878 ng

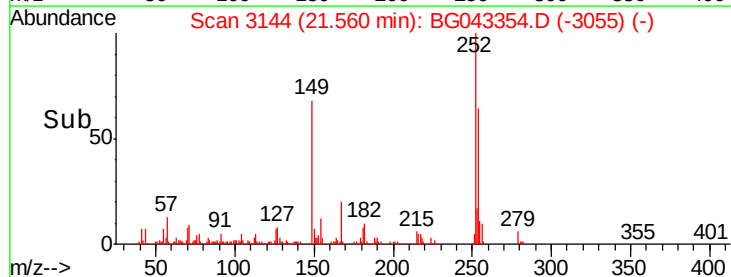
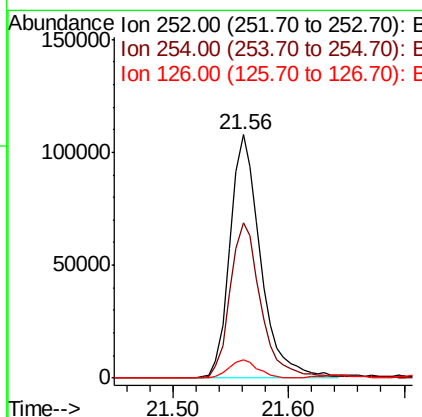
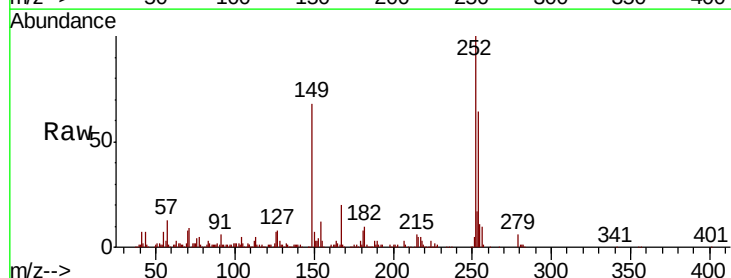
RT: 21.56 min Scan# 3144

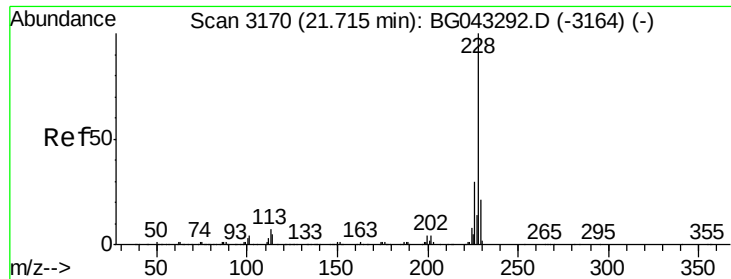
Delta R.T. -0.01 min

Lab File: BG043354.D

Acq: 28 Oct 2019 17:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100		198546		
254	63.7	52.7	79.1		
126	7.5	5.6	8.4		





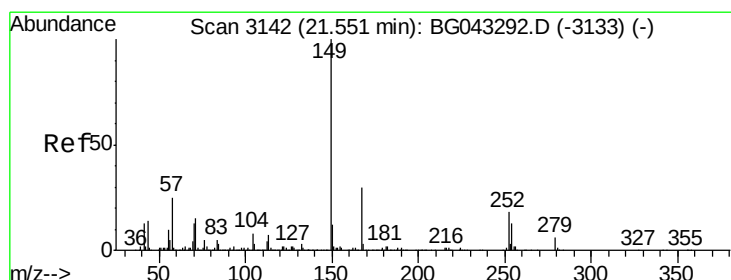
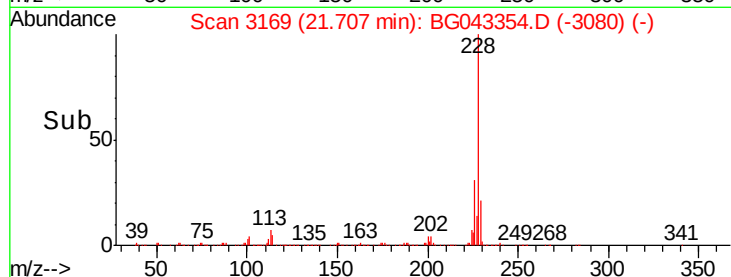
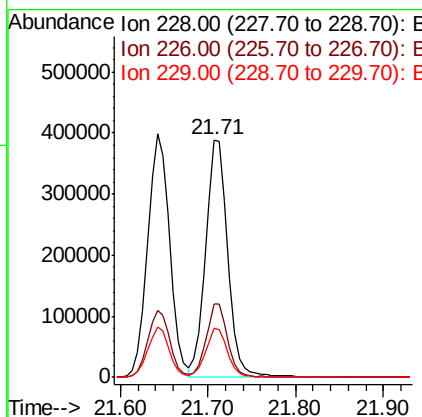
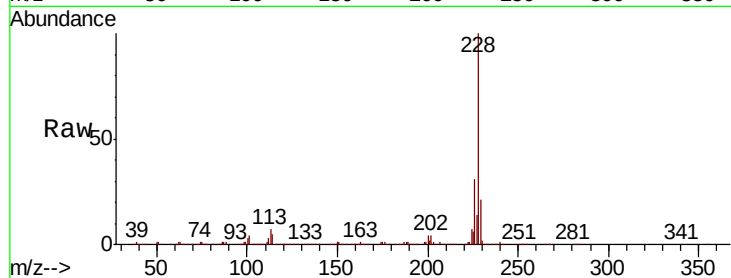
#83
Chrysene
Concen: 39.974 ng
RT: 21.71 min Scan# 3169
Delta R.T. -0.01 min
Lab File: BG043354.D
Acq: 28 Oct 2019 17:39

Instrument :
BNA_G
ClientSampleId :
PB124310BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.8	35.8
229	20.5	16.3	24.5

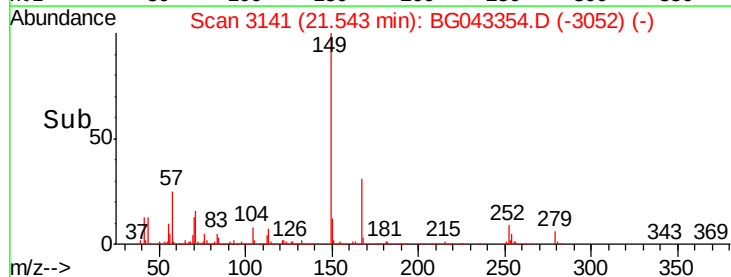
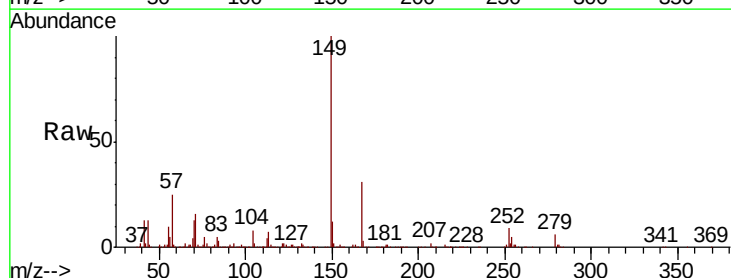
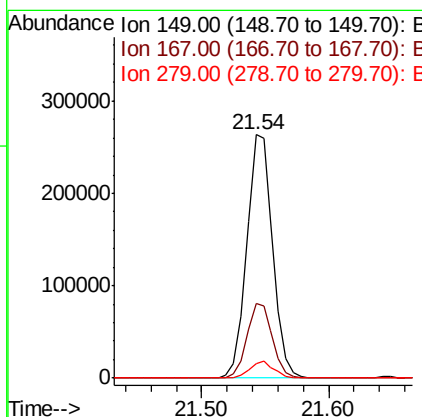
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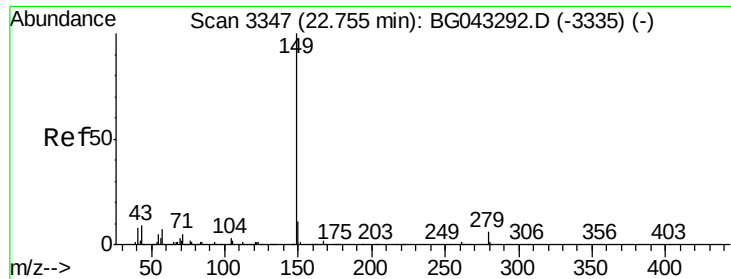
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#84
Bis(2-ethylhexyl)phthalate
Concen: 40.675 ng
RT: 21.54 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG043354.D
Acq: 28 Oct 2019 17:39

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.7	23.9	35.9
279	6.1	4.8	7.2





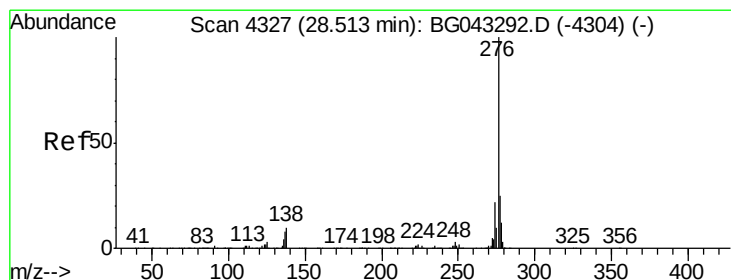
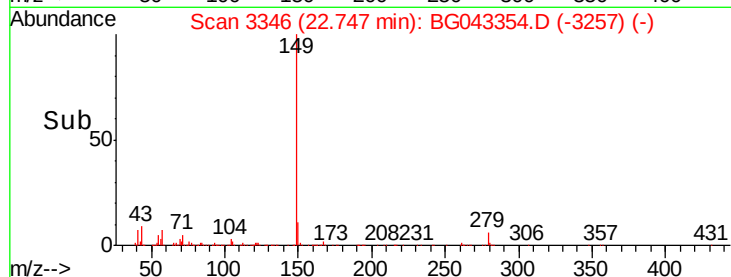
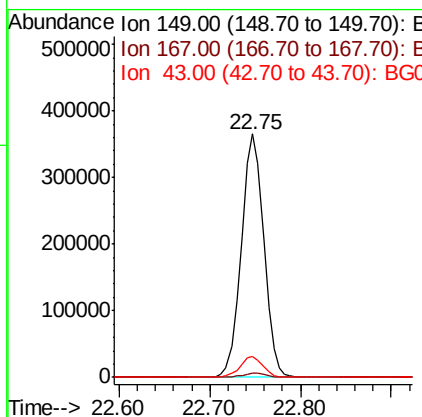
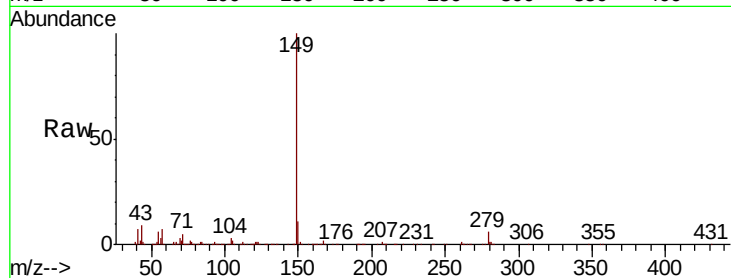
#85
Di-n-octyl phthalate
Concen: 40.562 ng
RT: 22.75 min Scan# 3346
Delta R.T. -0.01 min
Lab File: BG043354.D
Acq: 28 Oct 2019 17:39

Instrument :
BNA_G
ClientSampleId :
PB124310BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	628776		
167	1.8		1.4	2.0
43	8.4		6.9	10.3

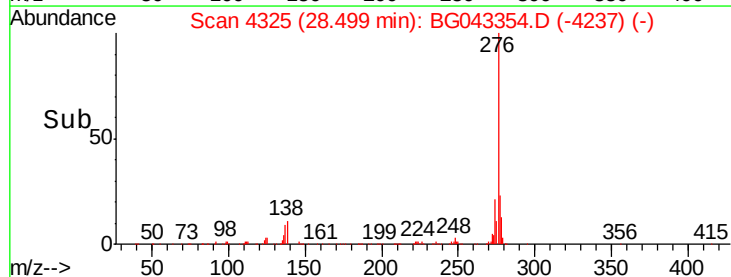
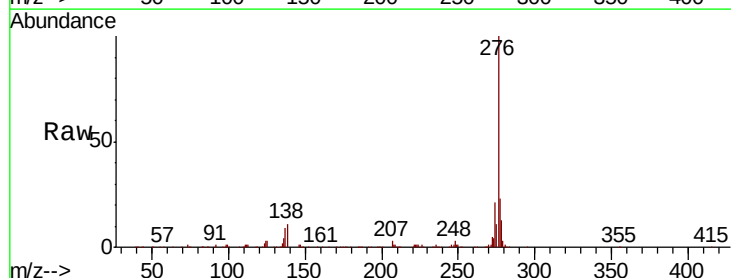
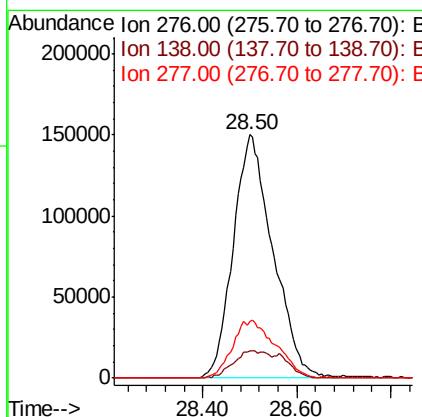
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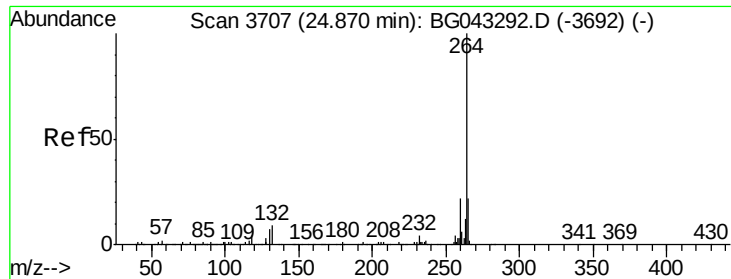
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 41.108 ng
RT: 28.50 min Scan# 4325
Delta R.T. -0.01 min
Lab File: BG043354.D
Acq: 28 Oct 2019 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	880854		
138	10.0		7.2	10.8
277	25.7		20.9	31.3





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.86 min Scan# 3706

Delta R.T. -0.01 min

Lab File: BG043354.D

Acq: 28 Oct 2019 17:39

Instrument :

BNA_G

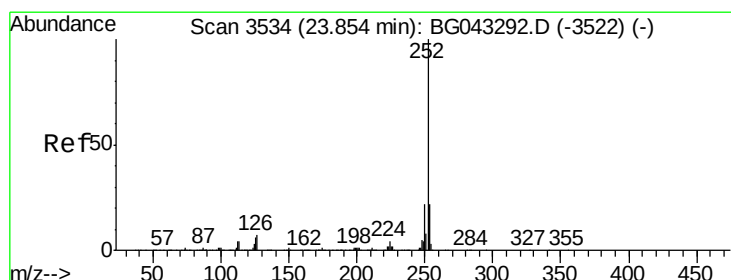
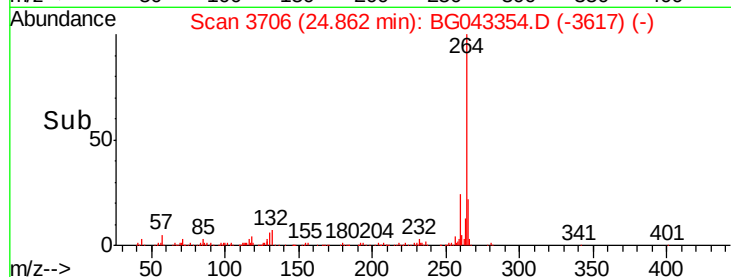
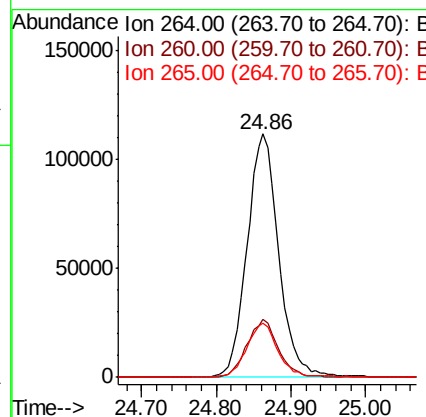
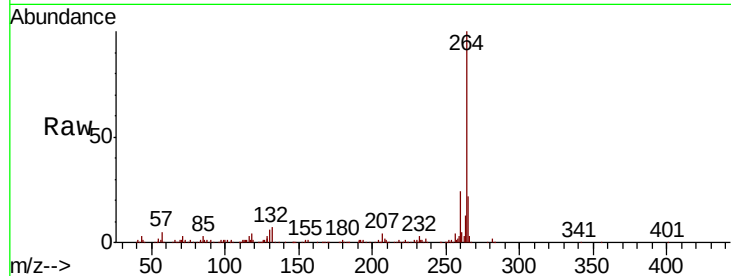
ClientSampleId :

PB124310BSD

Tot Ion:	264	Resp:	326721
Ion Ratio	Lower	Upper	
264	100		
260	23.8	17.9	26.9
265	22.0	17.4	26.2

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#88

Benzo(b)fluoranthene

Concen: 40.130 ng m

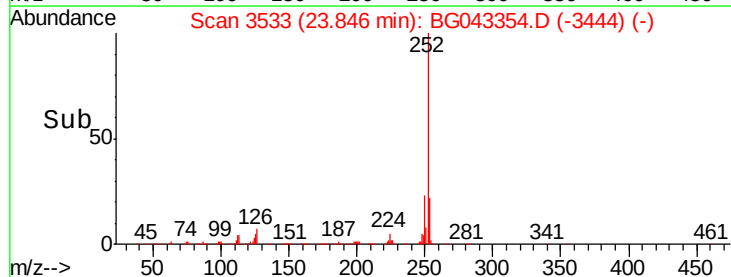
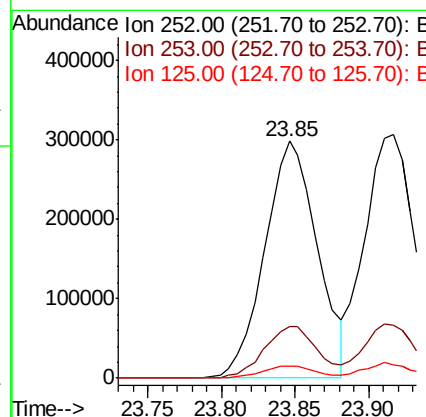
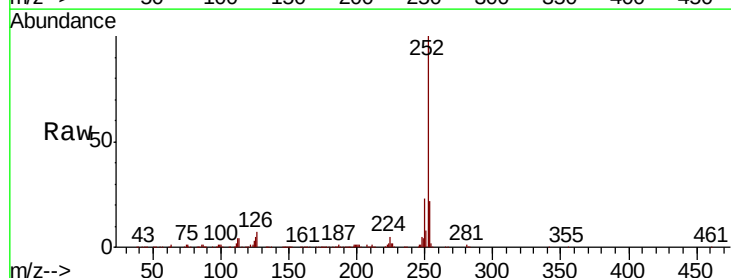
RT: 23.85 min Scan# 3533

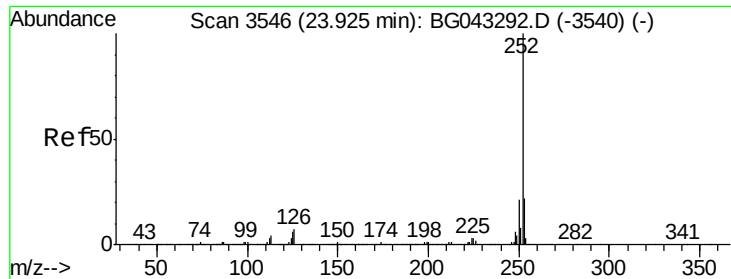
Delta R.T. -0.01 min

Lab File: BG043354.D

Acq: 28 Oct 2019 17:39

Tgt Ion:	252	Resp:	742580
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.4	26.2
125	5.0	5.0	7.6#





#89

Benzo(k)fluoranthene

Concen: 40.111 ng

RT: 23.92 min Scan# 3545

Delta R.T. -0.01 min

Lab File: BG043354.D

Acq: 28 Oct 2019 17:39

Instrument :

BNA_G

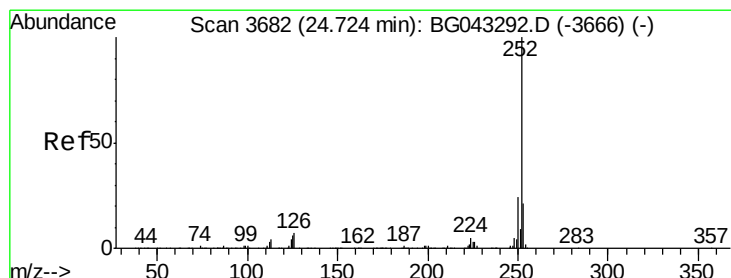
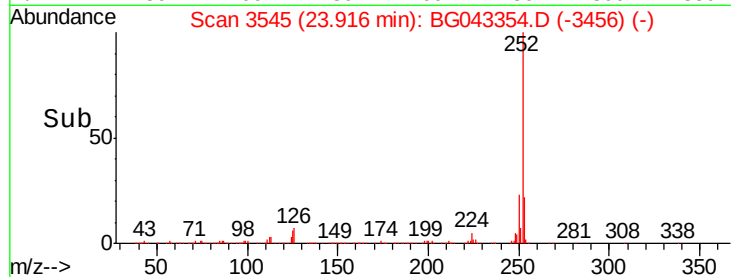
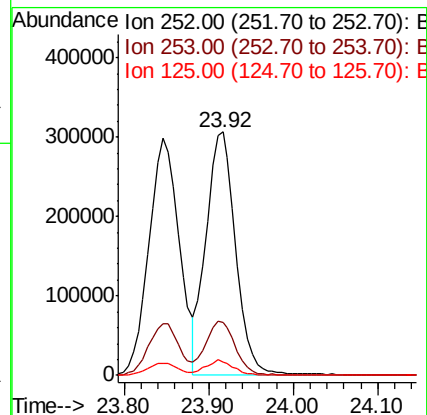
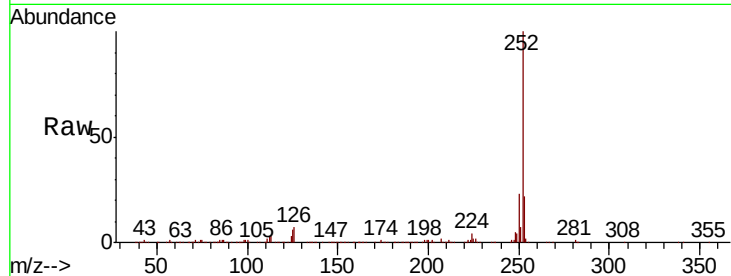
ClientSampleId :

PB124310BSD

Tot Ion:	252	Resp:	747212
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.6	26.4
125	5.5	4.5	6.7

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#90

Benzo(a)pyrene

Concen: 38.683 ng

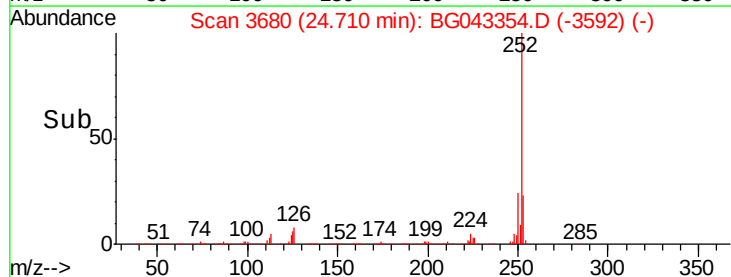
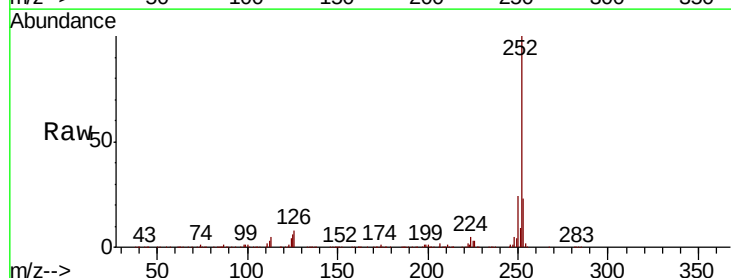
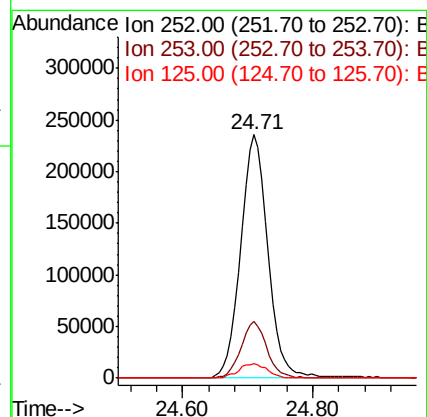
RT: 24.71 min Scan# 3680

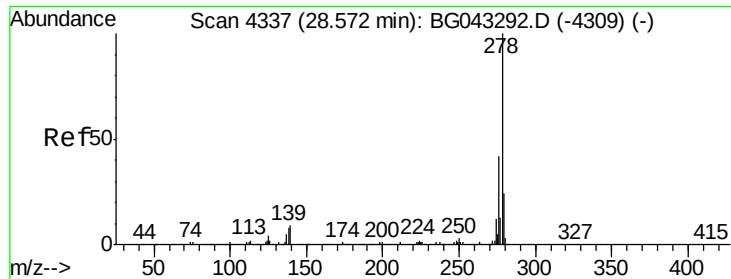
Delta R.T. -0.01 min

Lab File: BG043354.D

Acq: 28 Oct 2019 17:39

Tgt Ion:	252	Resp:	683549
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.2	25.8
125	6.2	5.0	7.6





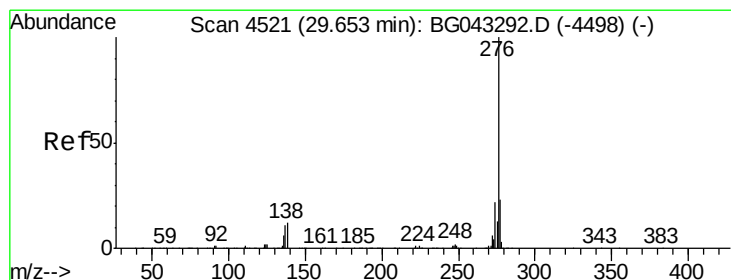
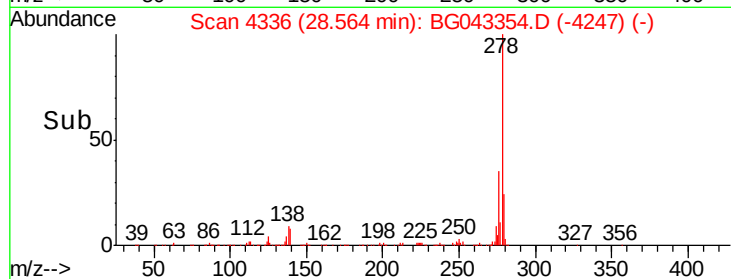
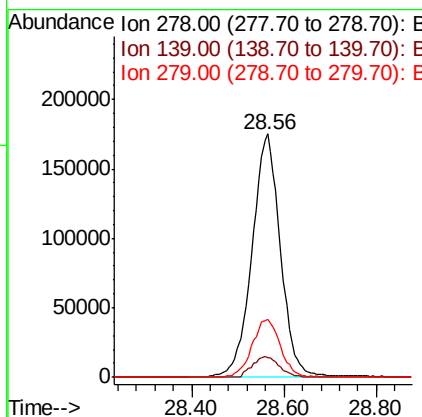
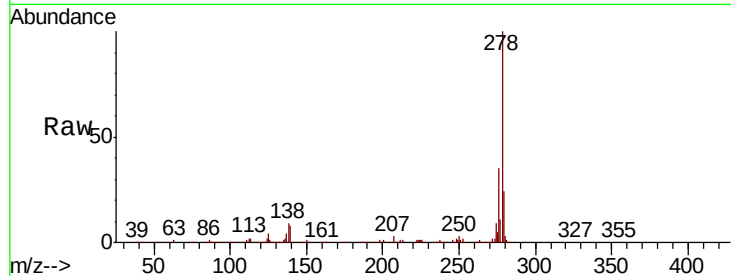
#91
Dibenzo(a,h)anthracene
Concen: 41.323 ng
RT: 28.56 min Scan# 4336
Delta R.T. -0.01 min
Lab File: BG043354.D
Acq: 28 Oct 2019 17:39

Instrument :
BNA_G
ClientSampleId :
PB124310BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	7.8	6.8	10.2
279	23.7	19.0	28.6

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#92
Benzo(g,h,i)perylene
Concen: 41.257 ng
RT: 29.64 min Scan# 4519
Delta R.T. -0.01 min
Lab File: BG043354.D
Acq: 28 Oct 2019 17:39

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.3	27.5
138	13.1	9.3	13.9

