

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102819\
 Data File : BG043364.D
 Acq On : 29 Oct 2019 00:04
 Operator : JU
 Sample : K5539-07MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 162-36-(0-1)MS

Manual Integrations
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mohammad
 10/29/2019 3:34:42 PM

Quant Time: Oct 29 13:48:13 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	43540	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	162423	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	118262	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	273891	20.00	ng	0.00
76) Chrysene-d12	21.66	240	309423	20.00	ng	0.00
87) Perylene-d12	24.86	264	374583	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	250252	105.32	ng	0.00
7) Phenol-d6	7.22	99	355357	103.95	ng	0.01
23) Nitrobenzene-d5	9.19	82	211002	66.97	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	215734	95.86	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	473537	55.33	ng	0.00
79) Terphenyl-d14	20.01	244	854243	51.79	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	30645	33.096	ng	92
3) Pyridine	3.89	79	76885	32.917	ng	98
4) n-Nitrosodimethylamine	3.80	42	50164	42.562	ng	98
6) Aniline	7.36	93	129609	32.912	ng	93
8) 2-Chlorophenol	7.60	128	111872	42.652	ng	98
9) Benzaldehyde	7.16	77	59772	35.578	ng	85
10) Phenol	7.24	94	147745	47.295	ng	96
11) bis(2-Chloroethyl)ether	7.44	93	88537	36.658	ng	99
12) 1,3-Dichlorobenzene	7.91	146	122233	37.195	ng	97
13) 1,4-Dichlorobenzene	8.06	146	122974	36.986	ng	99
14) 1,2-Dichlorobenzene	8.38	146	120558	37.136	ng	95
15) Benzyl Alcohol	8.27	79	97482	40.603	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.55	45	128764	36.665	ng	95
17) 2-Methylphenol	8.48	107	94764	41.612	ng	98
18) Hexachloroethane	9.11	117	43925	36.617	ng	97
19) n-Nitroso-di-n-propylamine	8.83	70	82233	37.226	ng	94
20) 3+4-Methylphenols	8.81	107	123950	39.692	ng	91
22) Acetophenone	8.84	105	160186	38.511	ng	# 99
24) Nitrobenzene	9.23	77	125384	41.778	ng	99
25) Isophorone	9.75	82	231635	40.214	ng	99
26) 2-Nitrophenol	9.94	139	61989	42.783	ng	98
27) 2,4-Dimethylphenol	10.01	122	102587	49.399	ng	95
28) bis(2-Chloroethoxy)methane	10.23	93	125316	39.419	ng	97
29) 2,4-Dichlorophenol	10.49	162	118429	44.508	ng	90
30) 1,2,4-Trichlorobenzene	10.69	180	135394	40.372	ng	98
31) Naphthalene	10.88	128	342567	41.551	ng	96
32) Benzoic acid	10.18	122	54270	36.822	ng	91
33) 4-Chloroaniline	11.00	127	63540	18.801	ng	96
34) Hexachlorobutadiene	11.16	225	98045	39.549	ng	88
35) Caprolactam	11.76	113	38292m	41.785	ng	
36) 4-Chloro-3-methylphenol	12.13	107	126109	43.450	ng	96
37) 2-Methylnaphthalene	12.48	142	264243	41.772	ng	98
38) 1-Methylnaphthalene	12.70	142	250786	41.666	ng	93
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	172297	39.367	ng	99

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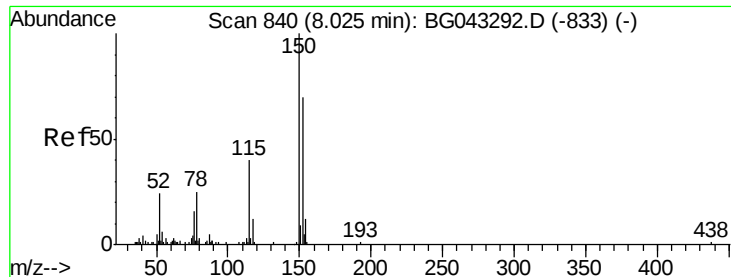
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 10/29/2019 3:34:42 PM

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	210661	91.627	nq	98
43) 2,4,6-Trichlorophenol	13.09	196	112932	43.815	nq	97
44) 2,4,5-Trichlorophenol	13.18	196	118764	45.577	nq	98
46) 1,1'-Biphenyl	13.48	154	355477	39.512	nq	98
47) 2-Chloronaphthalene	13.53	162	277648	40.560	nq	98
48) 2-Nitroaniline	13.74	65	82834	40.487	nq	95
49) Acenaphthylene	14.37	152	451770	42.405	nq	97
50) Dimethylphthalate	14.11	163	434996	47.488	nq	98
51) 2,6-Dinitrotoluene	14.23	165	83710	42.065	nq	98
52) Acenaphthene	14.71	154	270572	41.645	nq	99
53) 3-Nitroaniline	14.57	138	54113	28.164	nq	99
54) 2,4-Dinitrophenol	14.77	184	92142	74.681	nq	90
55) Dibenzofuran	15.05	168	443065	42.052	nq	99
56) 4-Nitrophenol	14.90	139	122628	95.241	nq	99
57) 2,4-Dinitrotoluene	15.01	165	118411	41.635	nq	99
58) Fluorene	15.70	166	369502	41.814	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.28	232	123186	44.495	nq	# 98
60) Diethylphthalate	15.46	149	369378	40.132	nq	99
61) 4-Chlorophenyl-phenylether	15.69	204	212356	41.193	nq	97
62) 4-Nitroaniline	15.73	138	77858	39.238	nq	96
63) Azobenzene	15.98	77	310989	41.749	nq	98
65) 4,6-Dinitro-2-methylphenol	15.78	198	75402	46.780	nq	90
66) n-Nitrosodiphenylamine	15.91	169	326634	42.241	nq	96
67) 4-Bromophenyl-phenylether	16.58	248	151389	41.072	nq	98
68) Hexachlorobenzene	16.70	284	167869	39.676	nq	98
69) Atrazine	16.85	200	144215	53.673	nq	94
70) Pentachlorophenol	17.05	266	185838	96.393	nq	97
71) Phenanthrene	17.44	178	643705	45.896	nq	100
72) Anthracene	17.53	178	637671	45.442	nq	99
73) Carbazole	17.80	167	555792	43.737	nq	100
74) Di-n-butylphthalate	18.35	149	654556	42.452	nq	98
75) Fluoranthene	19.45	202	885262	48.416	nq	99
77) Benzidine	19.63	184	333817	53.606	nq	99
78) Pyrene	19.81	202	881360	46.017	nq	99
80) Butylbenzylphthalate	20.69	149	298888	41.190	nq	99
81) Benzo(a)anthracene	21.65	228	865841	44.672	nq	100
82) 3,3'-Dichlorobenzidine	21.56	252	241717	32.244	nq	100
83) Chrysene	21.71	228	836442	43.435	nq	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	440202	42.706	nq	99
85) Di-n-octyl phthalate	22.74	149	747710	42.756	nq	100
86) Indeno(1,2,3-cd)pyrene	28.50	276	1088925	45.047	nq	99
88) Benzo(b)fluoranthene	23.85	252	908335	42.815	nq	97
89) Benzo(k)fluoranthene	23.91	252	913433	42.769	nq	97
90) Benzo(a)pyrene	24.71	252	859045	42.403	nq	98
91) Dibenzo(a,h)anthracene	28.57	278	892348	43.063	nq	98
92) Benzo(g,h,i)perylene	29.65	276	922106	45.113	nq	100

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



#1

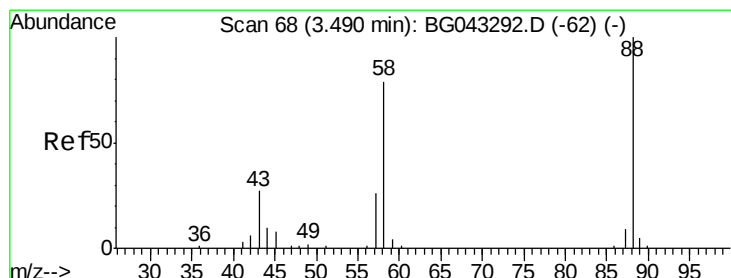
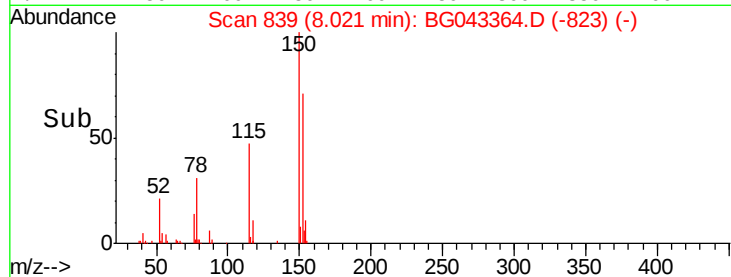
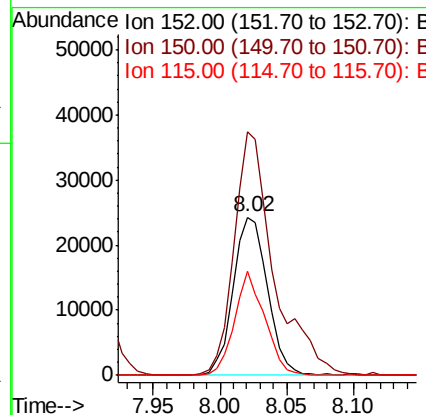
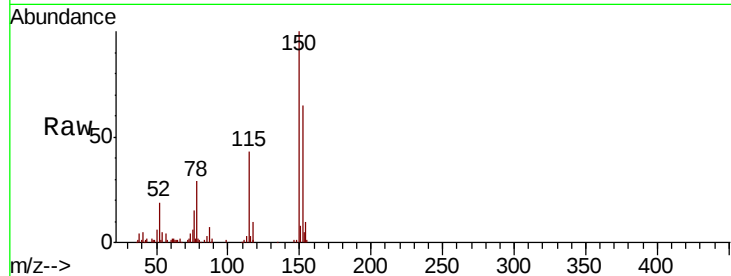
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 839
Delta R.T. -0.00 min
Lab File: BG043364.D
Acq: 29 Oct 2019 00:04

Instrument :
BNA_G
ClientSampleId :
162-36-(0-1)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	113.6	170.4
115	66.0	45.9	68.9

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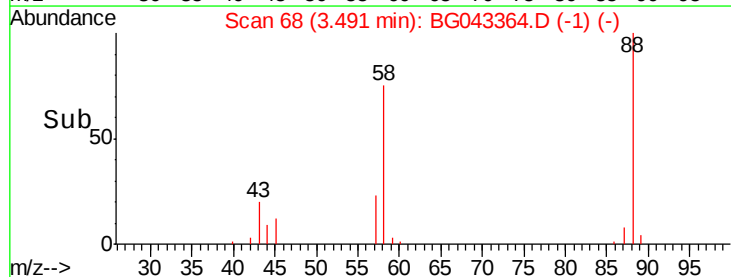
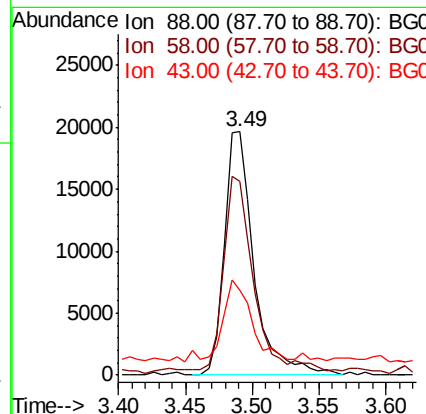
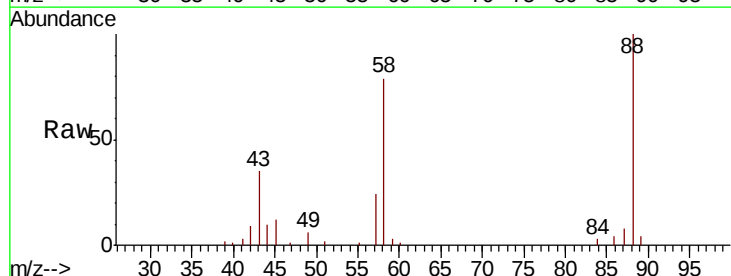
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#2

1,4-Dioxane
Concen: 33.096 ng
RT: 3.49 min Scan# 68
Delta R.T. 0.00 min
Lab File: BG043364.D
Acq: 29 Oct 2019 00:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.9	60.2	90.2
43	30.2	22.7	34.1





#3

Pvridine

Concen: 32.917 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.00 min

Lab File: BG043364.D

Acq: 29 Oct 2019 00:04

Instrument :

BNA_G

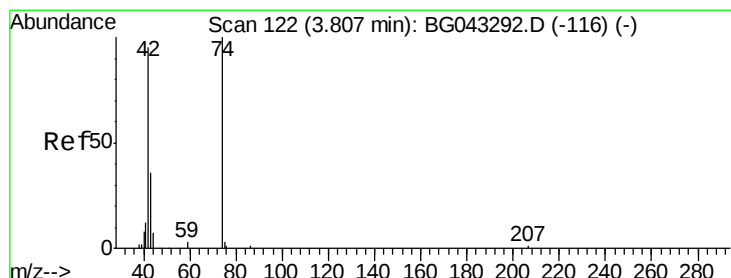
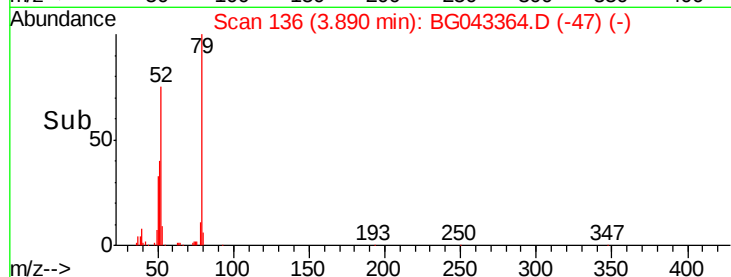
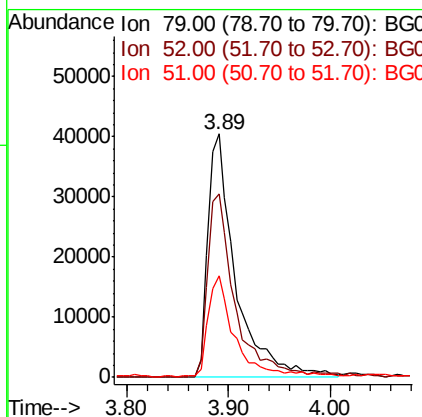
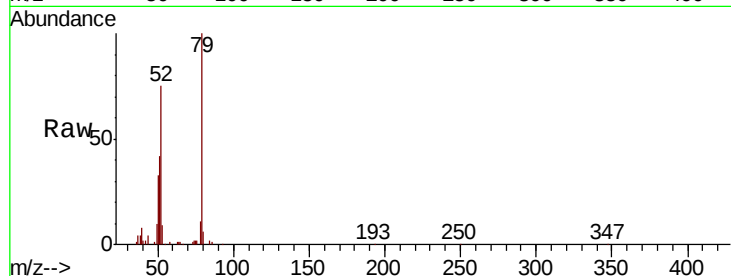
ClientSampleId :

162-36-(0-1)MS

Tot Ion:	79	Resp:	76885
Ion	Ratio	Lower	Upper
79	100		
52	75.4	59.7	89.5
51	41.7	31.8	47.6

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#4

n-Nitrosodimethylamine

Concen: 42.562 ng

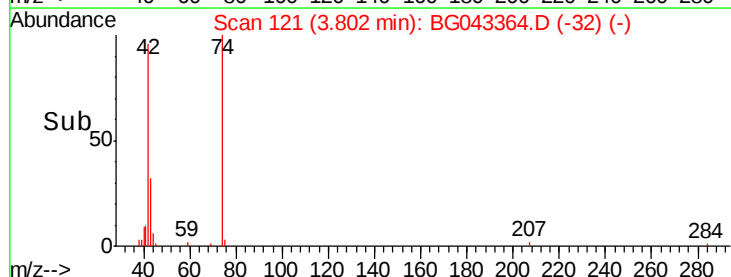
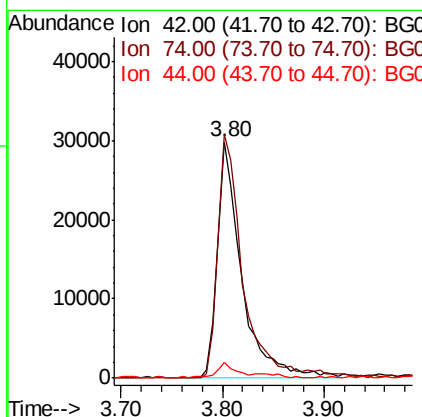
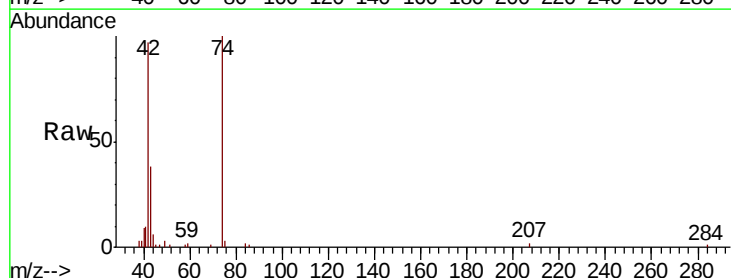
RT: 3.80 min Scan# 121

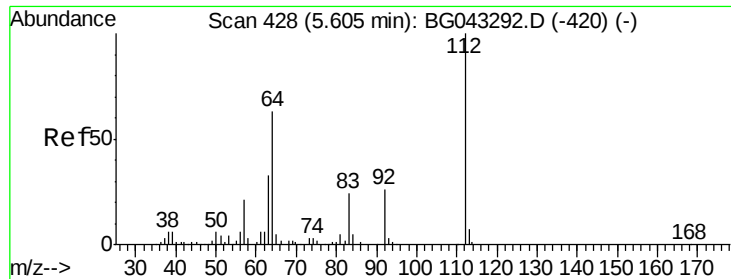
Delta R.T. -0.00 min

Lab File: BG043364.D

Acq: 29 Oct 2019 00:04

Tgt Ion:	42	Resp:	50164
Ion	Ratio	Lower	Upper
42	100		
74	103.2	84.2	126.2
44	6.6	6.0	9.0





#5

2-Fluorophenol

Concen: 105.322 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG043364.D

Acq: 29 Oct 2019 00:04

Instrument :

BNA_G

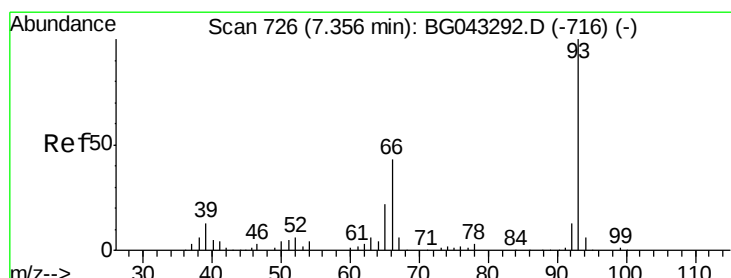
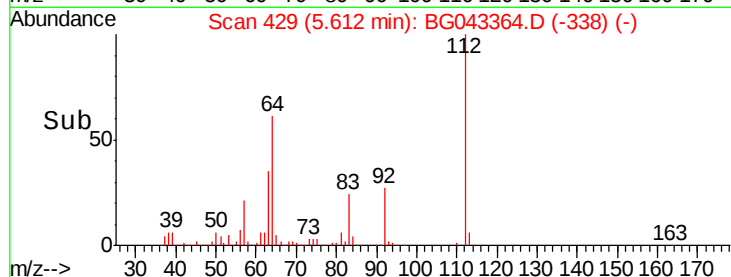
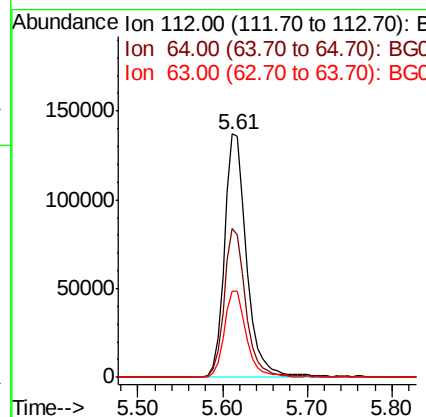
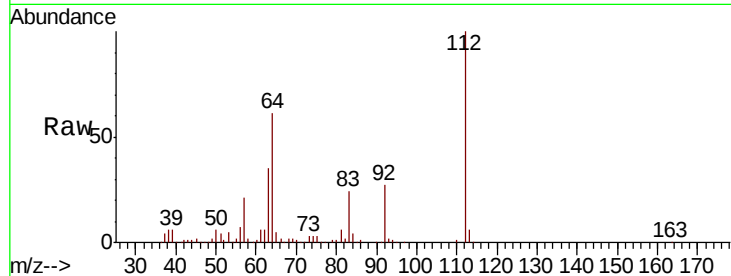
ClientSampleId :

162-36-(0-1)MS

Tot Ion:	112	Resp:	250252
Ion Ratio	Lower	Upper	
112	100		
64	61.0	50.2	75.2
63	35.5	26.7	40.1

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#6

Aniline

Concen: 32.912 ng

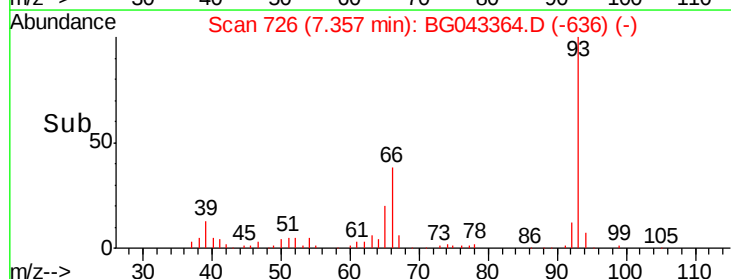
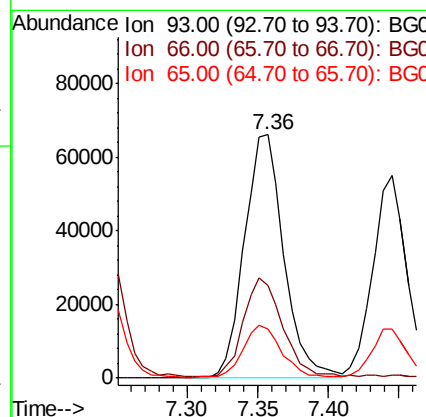
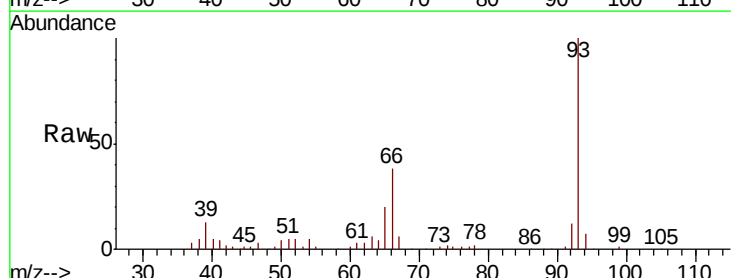
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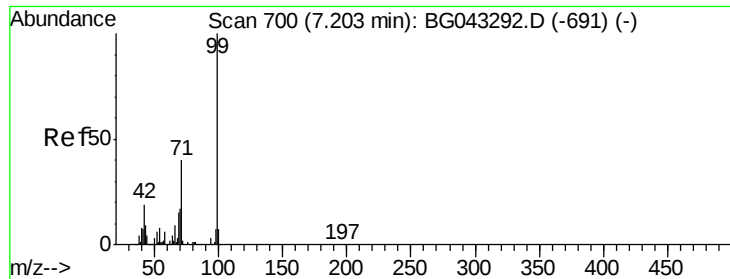
Delta R.T. 0.00 min

Lab File: BG043364.D

Acq: 29 Oct 2019 00:04

Tgt Ion:	93	Resp:	129609
Ion Ratio	Lower	Upper	
93	100		
66	38.2	34.5	51.7
65	20.3	18.0	27.0





#7

Phenol-d6

Concen: 103.949 ng

RT: 7.22 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG043364.D

Acq: 29 Oct 2019 00:04

Instrument :

BNA_G

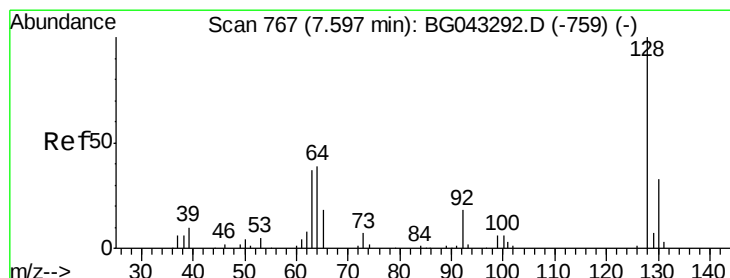
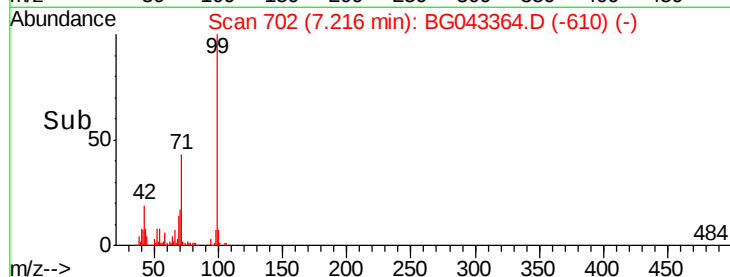
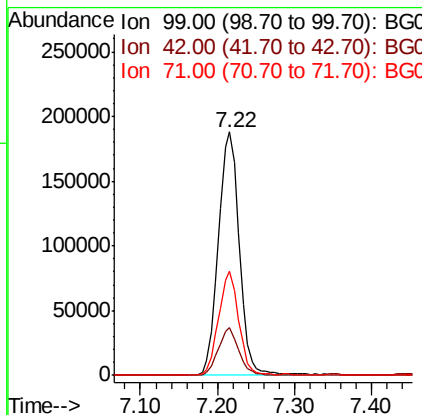
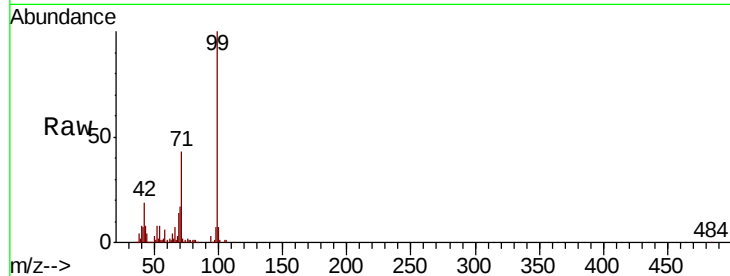
ClientSampleId :

162-36-(0-1)MS

Tot Ion:	99	Resp:	355357
Ion Ratio	Lower	Upper	
99	100		
42	19.4	14.9	22.3
71	42.6	32.2	48.2

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#8

2-Chlorophenol

Concen: 42.652 ng

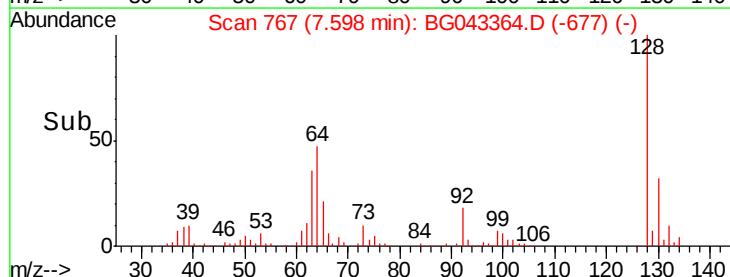
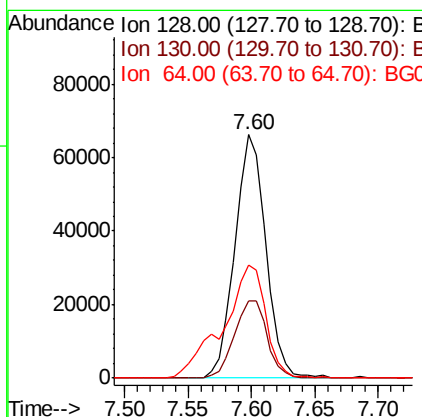
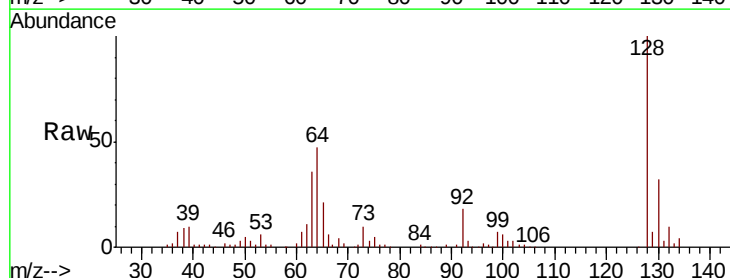
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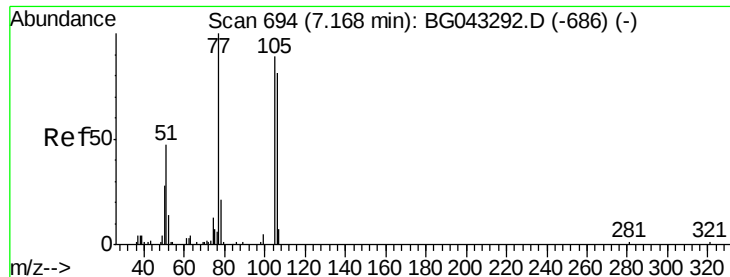
Delta R.T. 0.00 min

Lab File: BG043364.D

Acq: 29 Oct 2019 00:04

Tgt Ion:	128	Resp:	111872
Ion Ratio	Lower	Upper	
128	100		
130	31.6	12.9	52.9
64	46.5	24.9	64.9





#9

Benzaldehyde

Concen: 35.578 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.00 min

Lab File: BG043364.D

Acq: 29 Oct 2019 00:04

Instrument :

BNA_G

ClientSampleId :

162-36-(0-1)MS

Tot Ion: 77 Resp: 59772

Ion Ratio Lower Upper

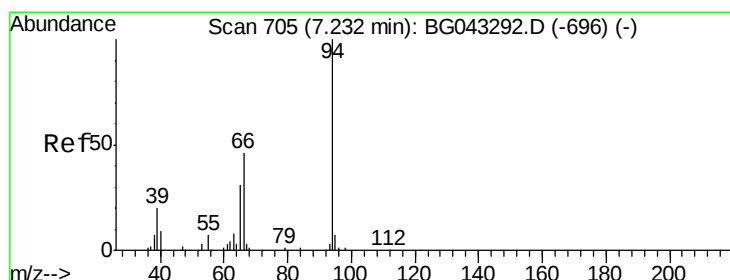
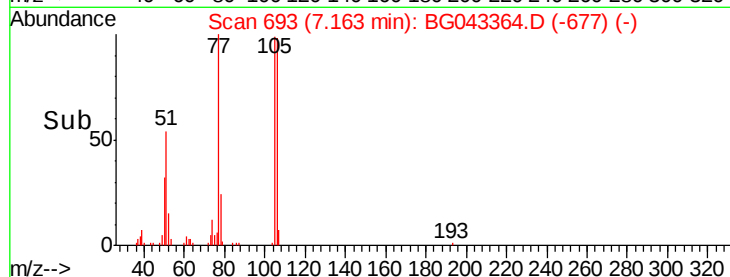
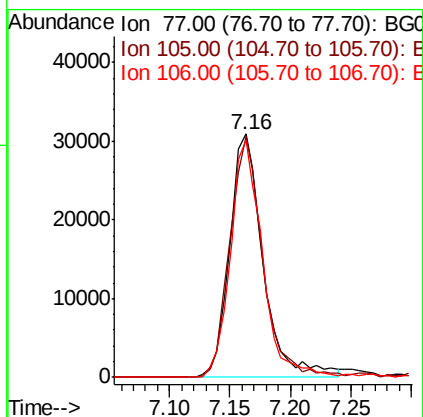
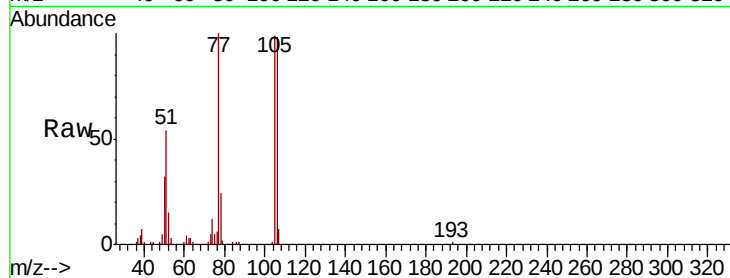
77 100

105 99.0 68.7 108.7

106 97.7 60.5 100.5

Manual Integrations
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#10

Phenol

Concen: 47.295 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.01 min

Lab File: BG043364.D

Acq: 29 Oct 2019 00:04

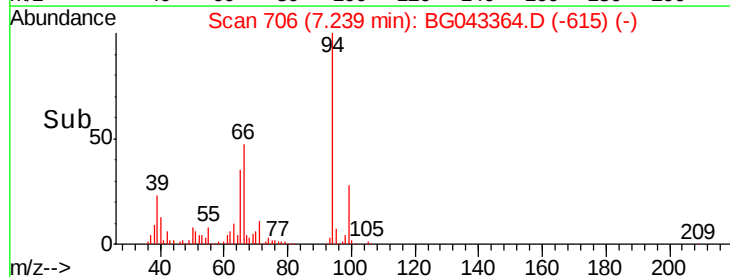
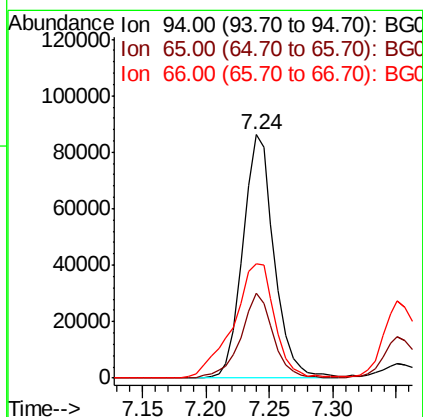
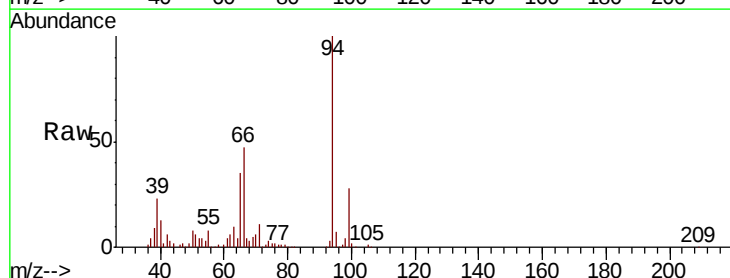
Tgt Ion: 94 Resp: 147745

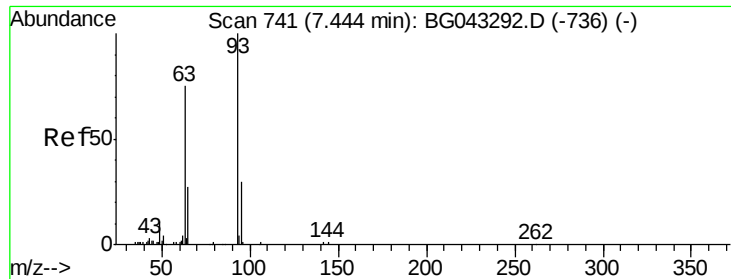
Ion Ratio Lower Upper

94 100

65 35.1 11.1 51.1

66 46.9 27.8 67.8





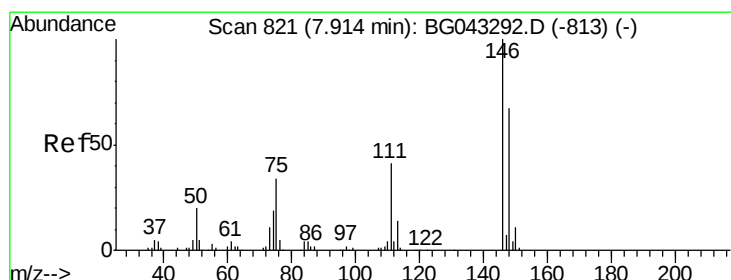
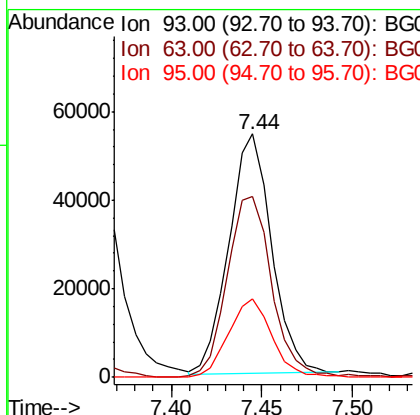
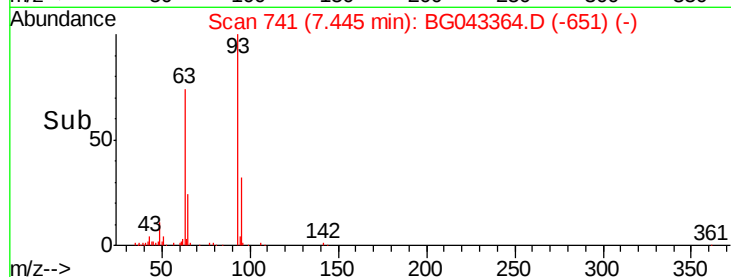
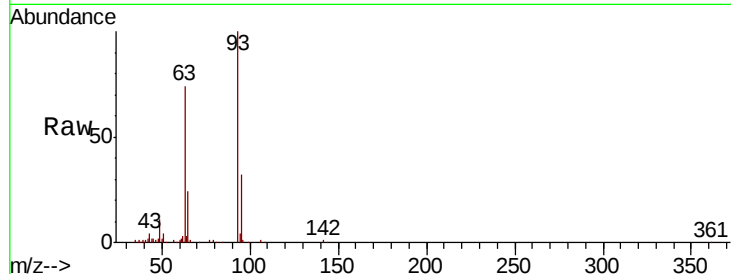
#11
bis(2-Chloroethyl)ether
Concen: 36.658 ng
RT: 7.44 min Scan# 741
Delta R.T. 0.00 min
Lab File: BG043364.D
Acq: 29 Oct 2019 00:04

Instrument :
BNA_G
ClientSampleId :
162-36-(0-1)MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.4	54.6	94.6
95	32.0	9.7	49.7

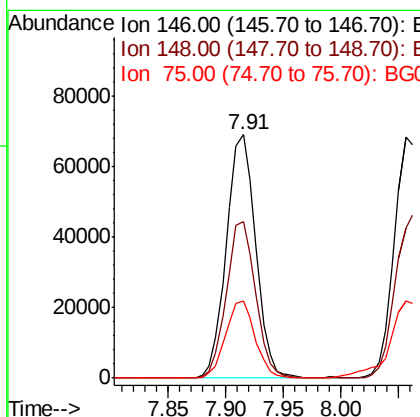
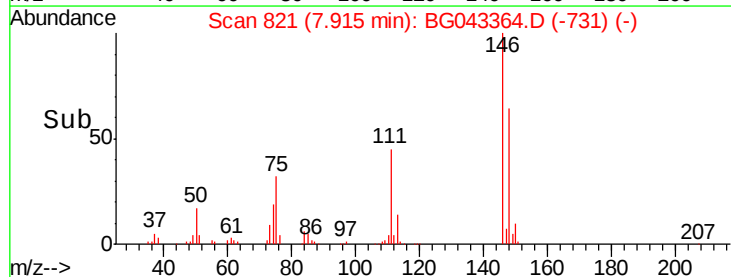
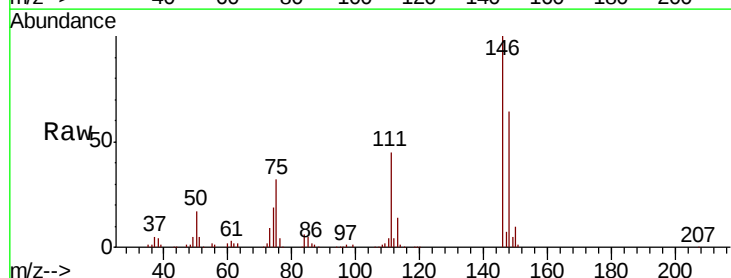
Manual Integrations
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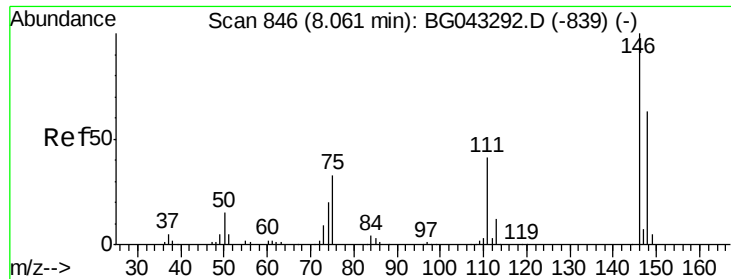
mohammad
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#12
1,3-Dichlorobenzene
Concen: 37.195 ng
RT: 7.91 min Scan# 821
Delta R.T. 0.00 min
Lab File: BG043364.D
Acq: 29 Oct 2019 00:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	53.4	80.2
75	31.9	27.0	40.4





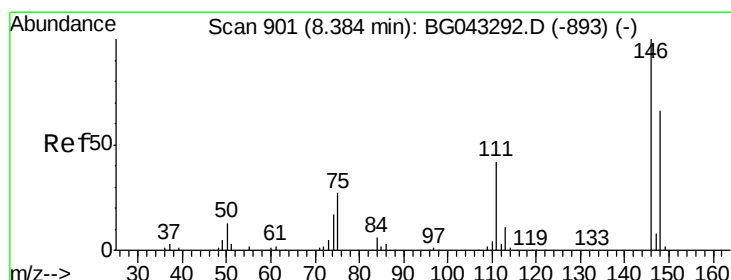
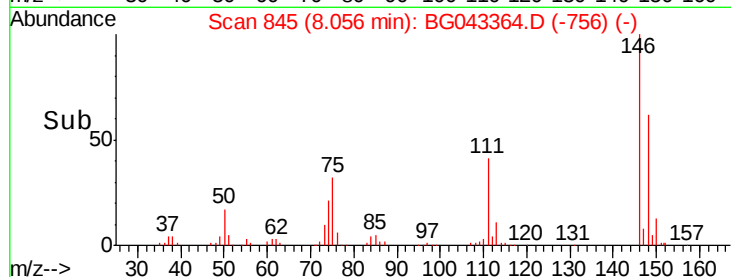
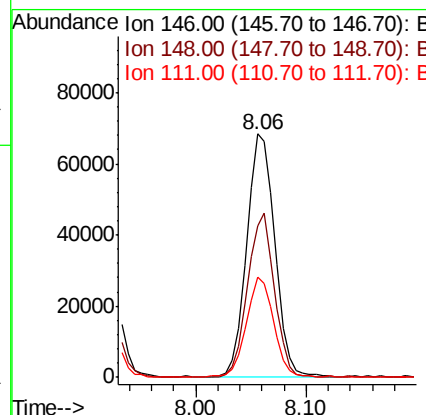
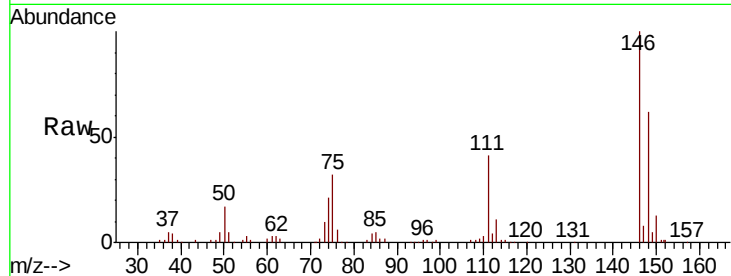
#13
1,4-Dichlorobenzene
Concen: 36.986 ng
RT: 8.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG043364.D
Acq: 29 Oct 2019 00:04

Instrument :
BNA_G
ClientSampleId :
162-36-(0-1)MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.4	50.7	76.1
111	41.0	33.0	49.6

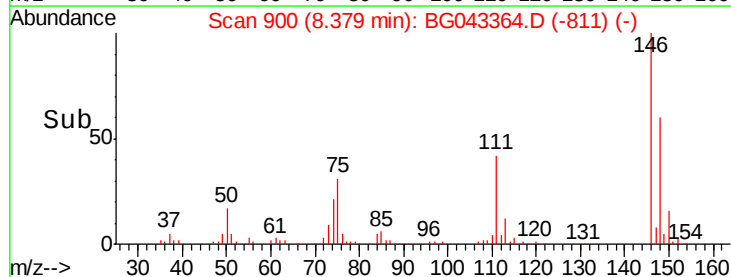
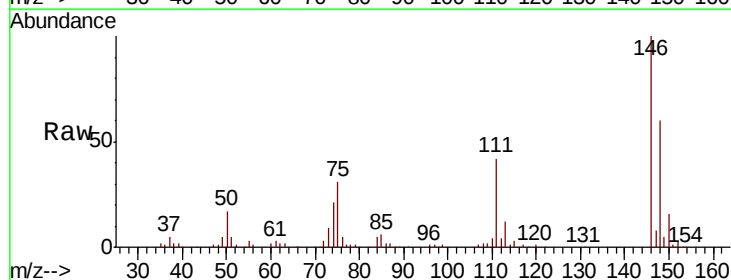
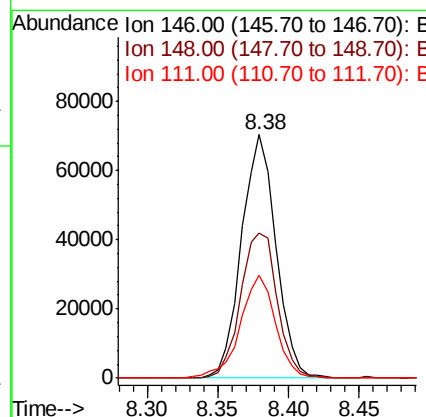
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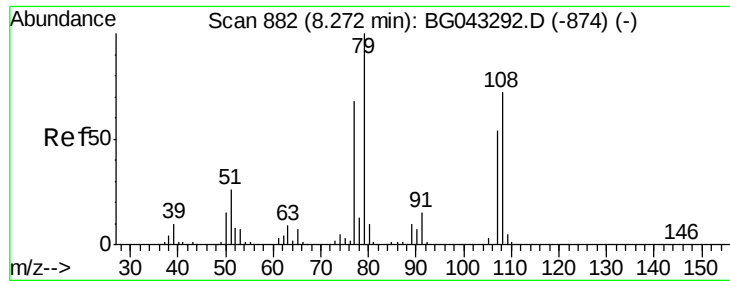
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#14
1,2-Dichlorobenzene
Concen: 37.136 ng
RT: 8.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BG043364.D
Acq: 29 Oct 2019 00:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	59.7	53.0	79.4
111	42.3	34.5	51.7





#15

Benzyl Alcohol

Concen: 40.603 ng

RT: 8.27 min Scan# 882

Delta R.T. 0.00 min

Lab File: BG043364.D

Acq: 29 Oct 2019 00:04

Instrument :

BNA_G

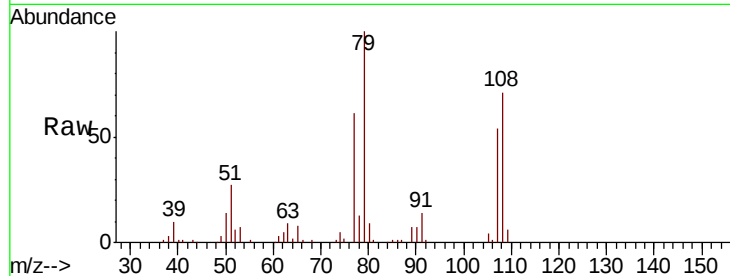
ClientSampleId :

162-36-(0-1)MS

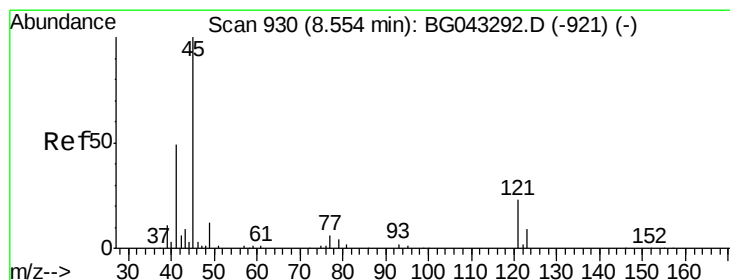
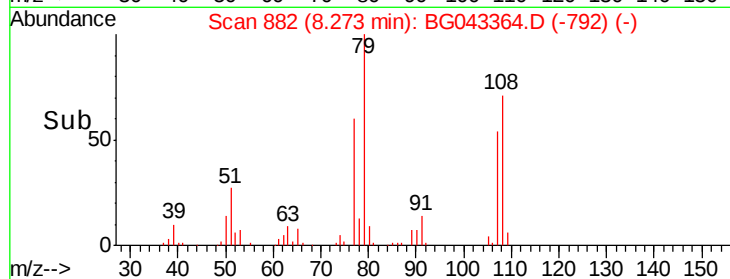
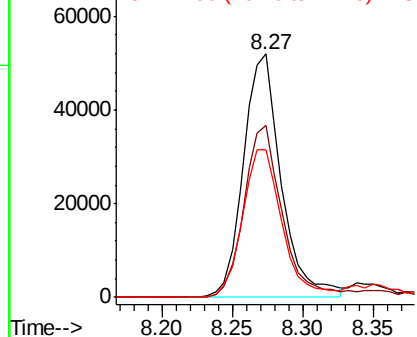
Tot Ion:	79	Resp:	97482
Ion Ratio	Lower	Upper	
79	100		
108	70.7	57.3	85.9
77	60.8	54.6	81.8

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Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.665 ng

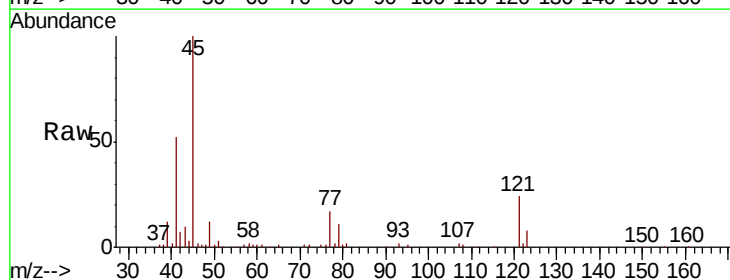
RT: 8.55 min Scan# 929

Delta R.T. -0.00 min

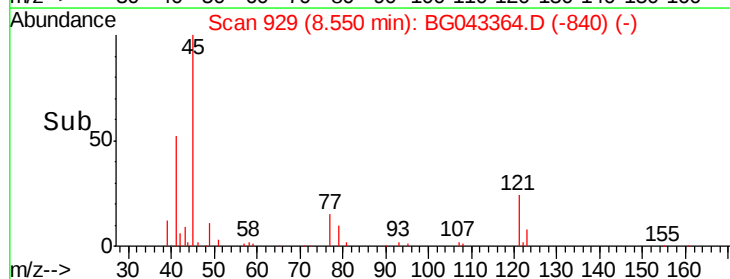
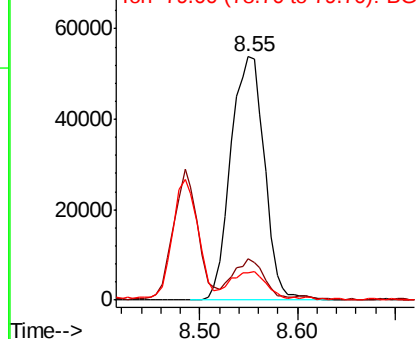
Lab File: BG043364.D

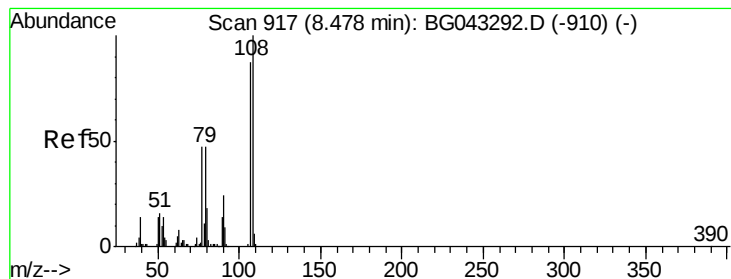
Acq: 29 Oct 2019 00:04

Tgt Ion:	45	Resp:	128764
Ion Ratio	Lower	Upper	
45	100		
77	17.0	0.0	34.2
79	11.2	0.0	32.3



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





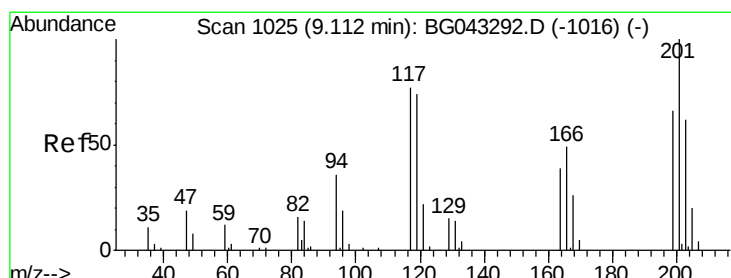
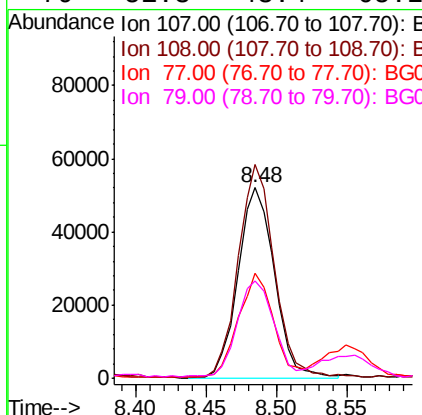
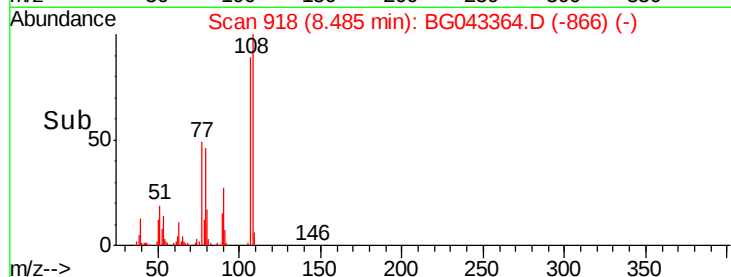
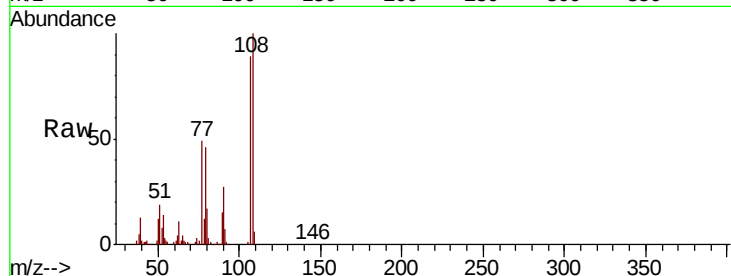
#17
2-Methylphenol
Concen: 41.612 ng
RT: 8.48 min Scan# 918
Delta R.T. 0.01 min
Lab File: BG043364.D
Acq: 29 Oct 2019 00:04

Instrument :
BNA_G
ClientSampleId :
162-36-(0-1)MS

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.2	91.3	136.9
77	55.4	43.0	64.6
79	51.3	43.4	65.2

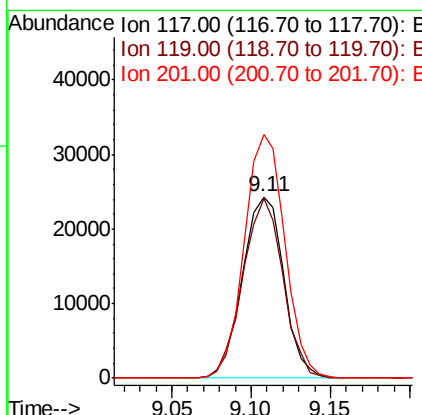
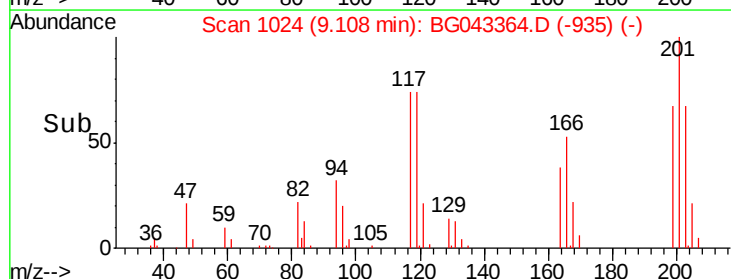
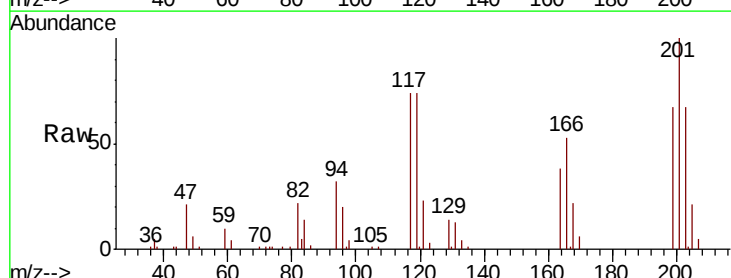
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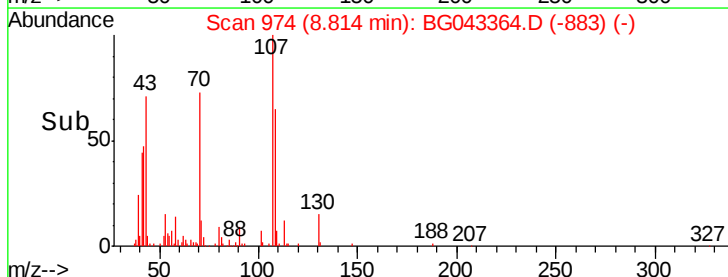
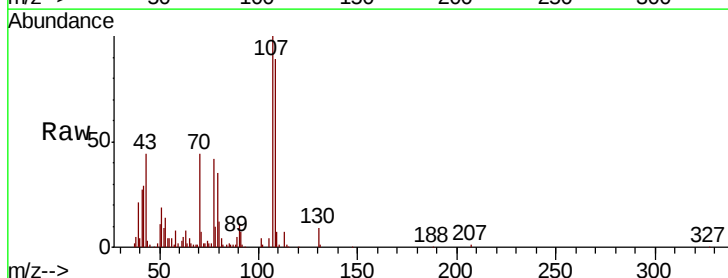
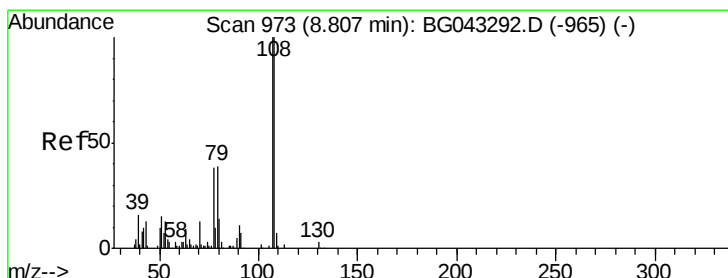
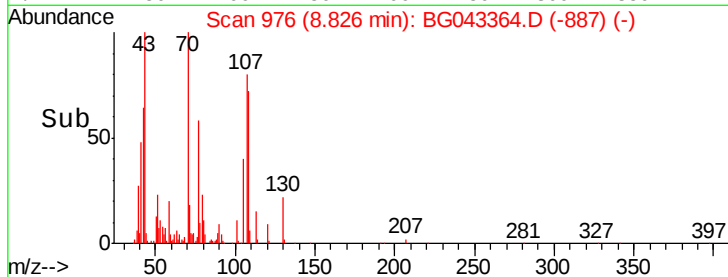
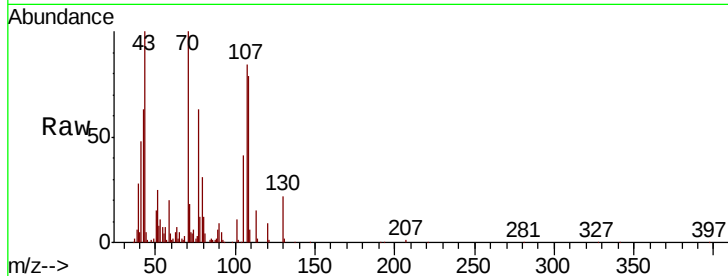
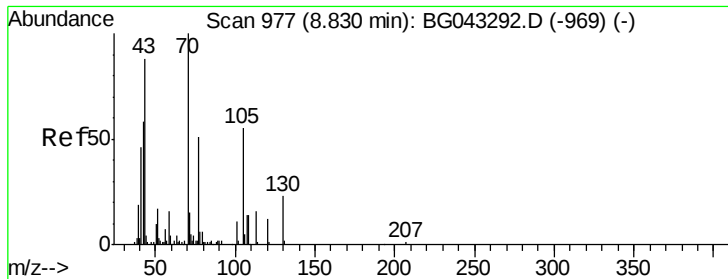
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#18
Hexachloroethane
Concen: 36.617 ng
RT: 9.11 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG043364.D
Acq: 29 Oct 2019 00:04

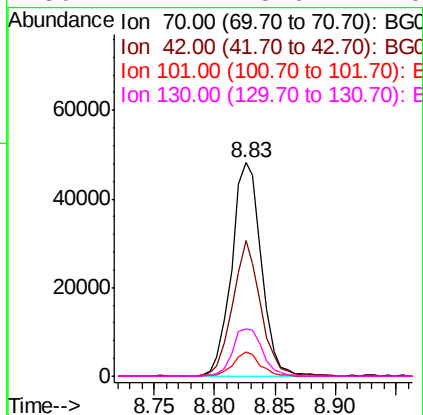
Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.9	77.3	115.9
201	134.3	104.2	156.4





#19
n-Nitroso-di-n-propylamine
Concen: 37.226 ng
RT: 8.83 min Scan# 976
Delta R.T. -0.00 min
Lab File: BG043364.D
Acq: 29 Oct 2019 00:04

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	63.7	46.2	69.2	
101	11.5	8.6	13.0	
130	22.4	18.6	27.8	



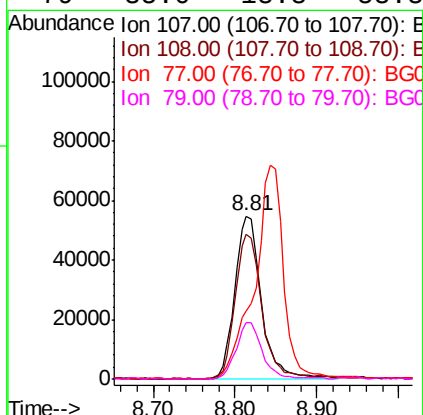
Instrument :
BNA_G
ClientSampleId :
162-36-(0-1)MS

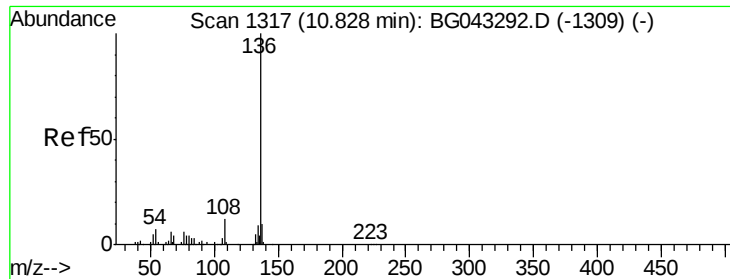
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#20
3+4-Methylphenols
Concen: 39.692 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.01 min
Lab File: BG043364.D
Acq: 29 Oct 2019 00:04

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.5	80.3	120.3	
77	41.7	18.2	58.2	
79	35.0	18.8	58.8	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BG043364.D

Acq: 29 Oct 2019 00:04

Instrument :

BNA_G

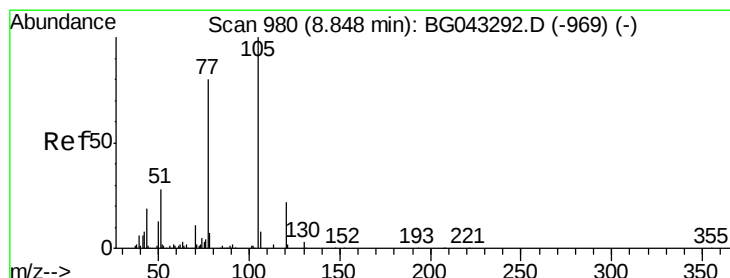
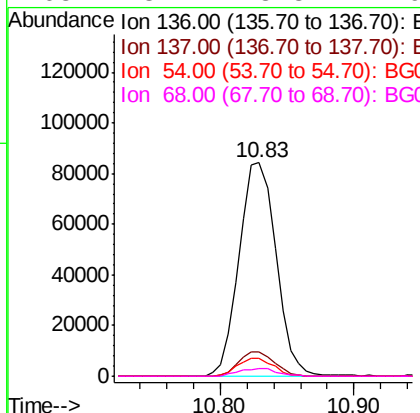
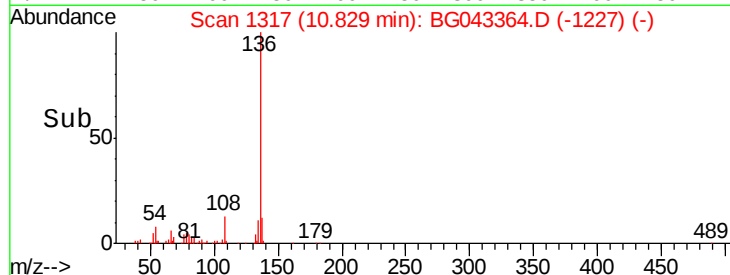
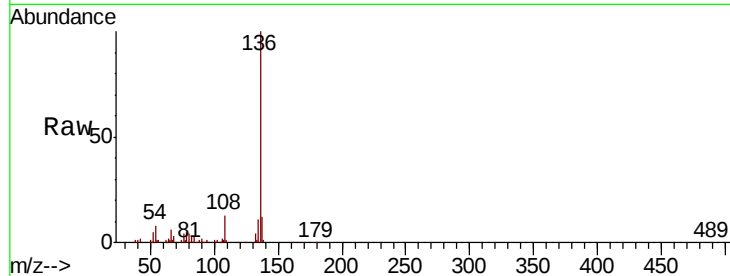
ClientSampleId :

162-36-(0-1)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		162423		
137	11.5	8.2	12.2		
54	8.3	5.4	8.2#		
68	3.4	3.3	4.9		

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#22

Acetophenone

Concen: 38.511 ng

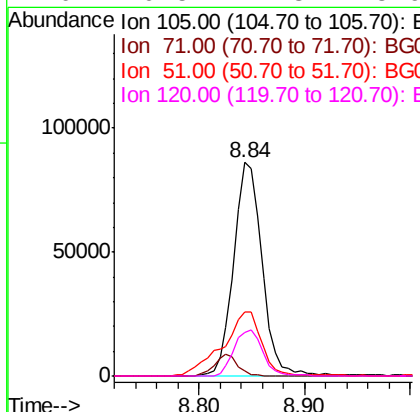
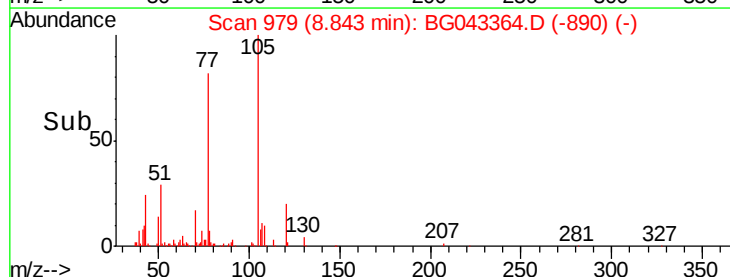
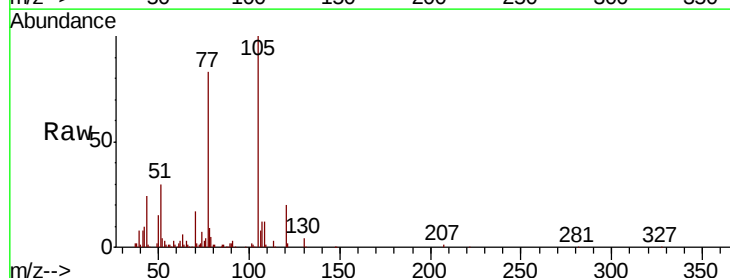
RT: 8.84 min Scan# 979

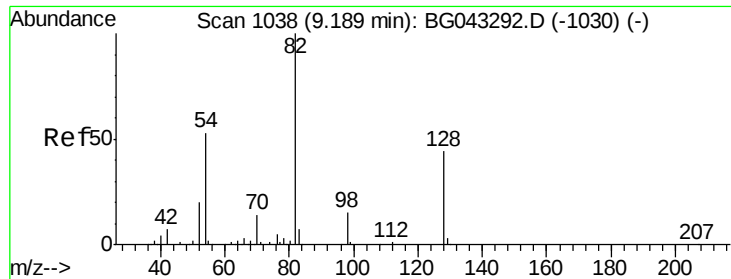
Delta R.T. -0.00 min

Lab File: BG043364.D

Acq: 29 Oct 2019 00:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		160186		
71	2.3	1.5	2.3#		
51	30.2	23.9	35.9		
120	20.5	17.3	25.9		





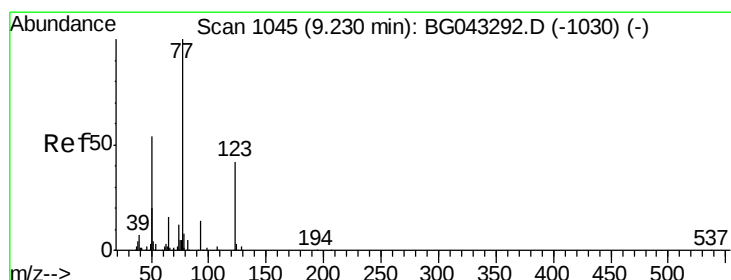
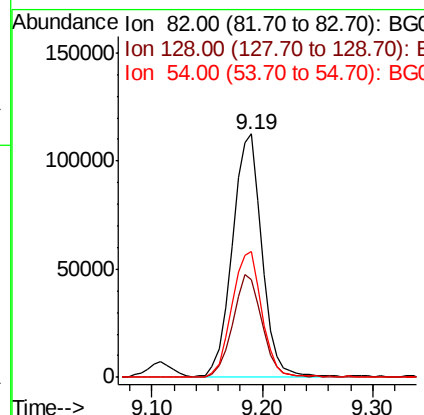
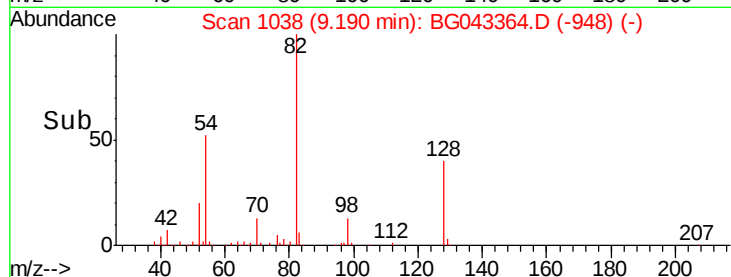
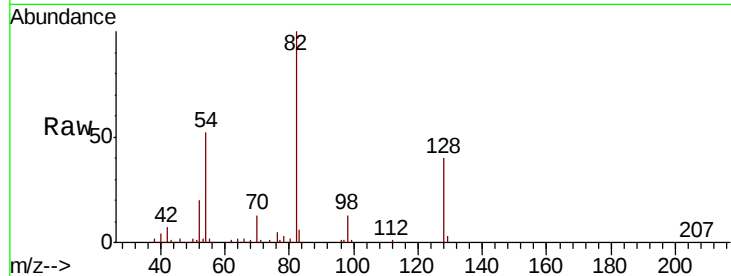
#23
 Nitrobenzene-d5
 Concen: 66.974 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BG043364.D
 Acq: 29 Oct 2019 00:04

Instrument :
 BNA_G
 ClientSampleId :
 162-36-(0-1)MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.1	35.3	52.9
54	51.8	42.3	63.5

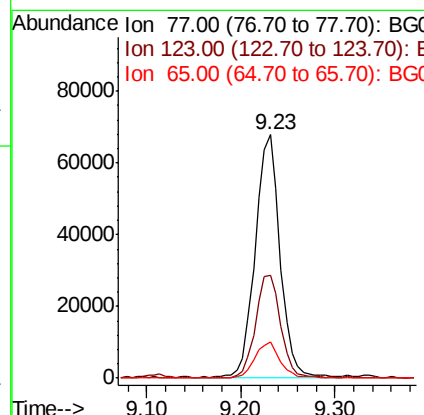
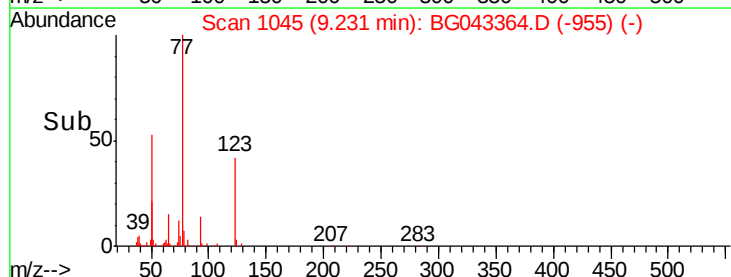
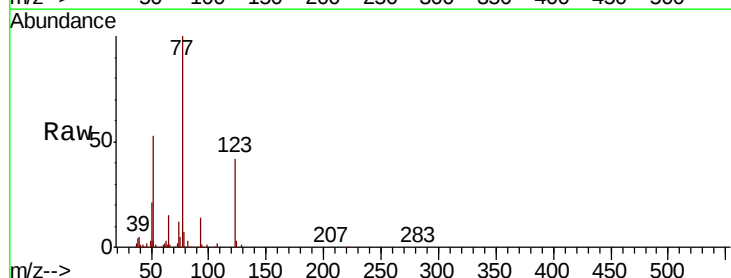
Manual Integrations
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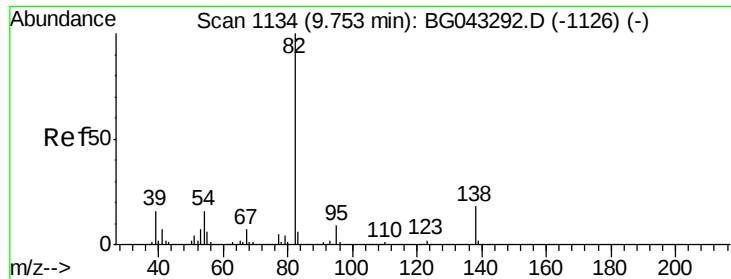
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#24
 Nitrobenzene
 Concen: 41.778 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. 0.00 min
 Lab File: BG043364.D
 Acq: 29 Oct 2019 00:04

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.3	33.8	50.8
65	14.7	13.0	19.4





#25

Isophorone

Concen: 40.214 ng

RT: 9.75 min Scan# 1133

Delta R.T. -0.00 min

Lab File: BG043364.D

Acq: 29 Oct 2019 00:04

Instrument :

BNA_G

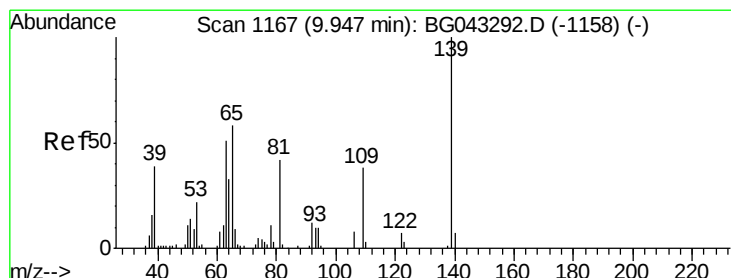
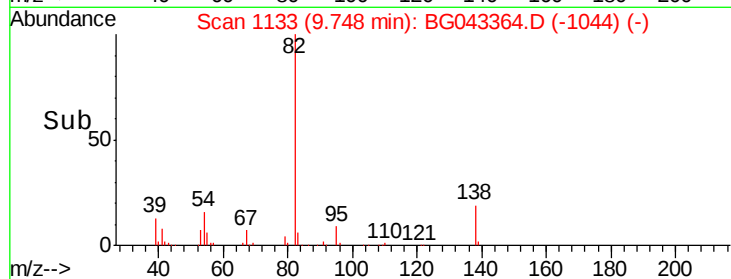
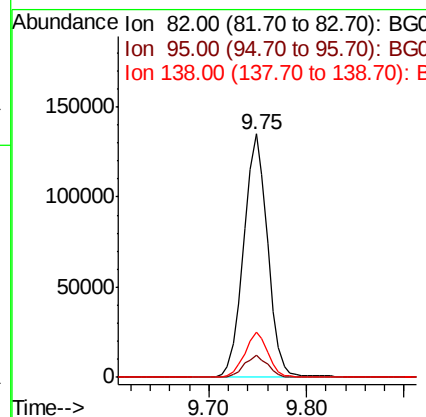
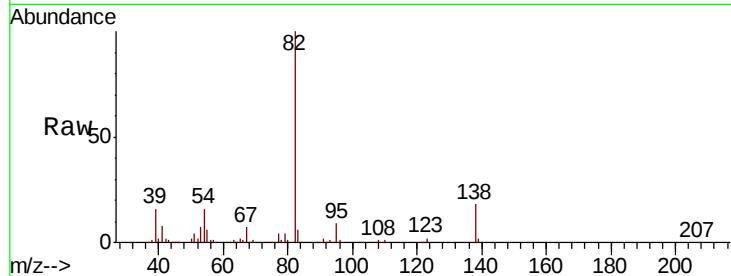
ClientSampleId :

162-36-(0-1)MS

Tot Ion	82	Resp	231635
Ion Ratio	Lower	Upper	
82	100		
95	8.9	6.9	10.3
138	18.5	14.2	21.2

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#26

2-Nitrophenol

Concen: 42.783 ng

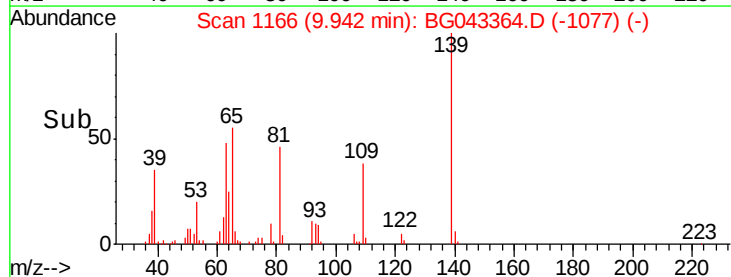
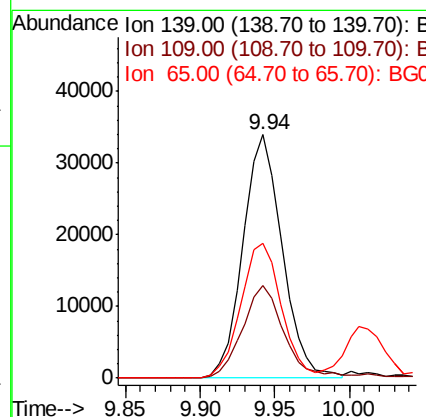
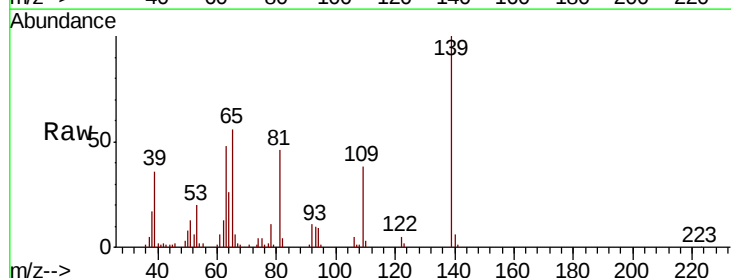
RT: 9.94 min Scan# 1166

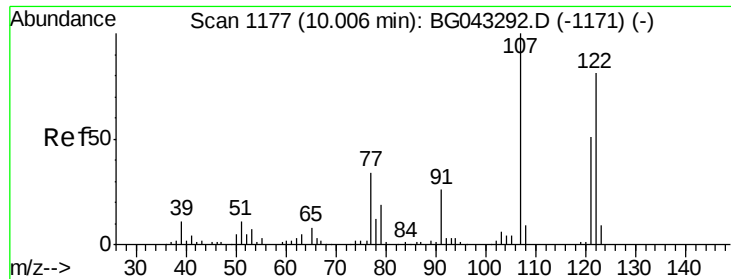
Delta R.T. -0.00 min

Lab File: BG043364.D

Acq: 29 Oct 2019 00:04

Tgt Ion	139	Resp	61989
Ion Ratio	Lower	Upper	
139	100		
109	37.8	30.1	45.1
65	55.6	46.1	69.1





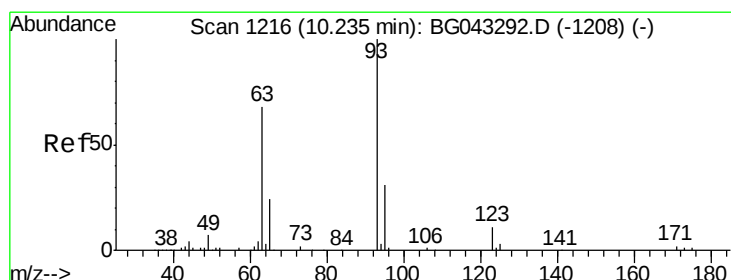
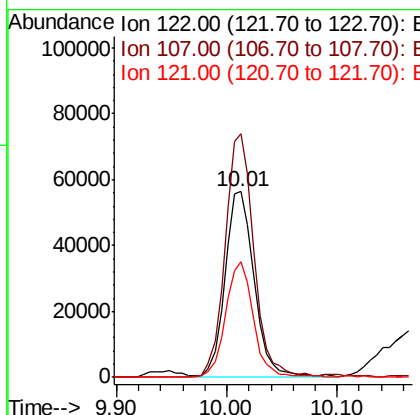
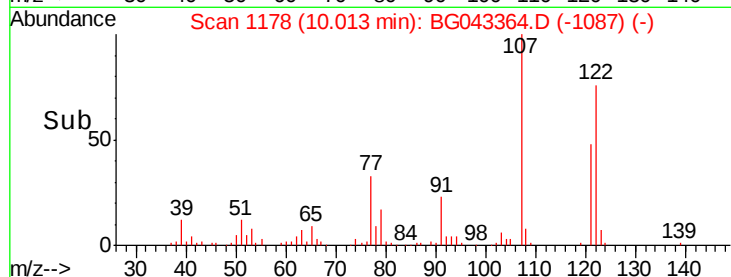
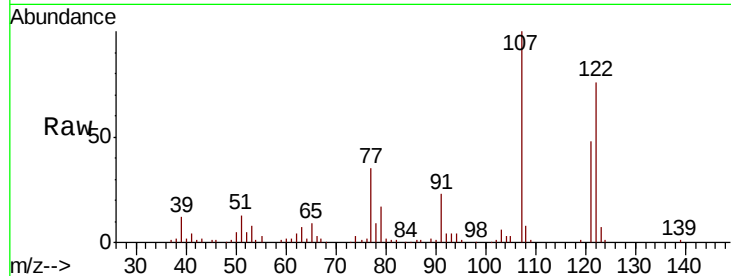
#27
2,4-Dimethylphenol
Concen: 49.399 ng
RT: 10.01 min Scan# 1178
Delta R.T. 0.01 min
Lab File: BG043364.D
Acq: 29 Oct 2019 00:04

Instrument :
BNA_G
ClientSampleId :
162-36-(0-1)MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	131.3	98.6	147.8
121	62.4	50.1	75.1

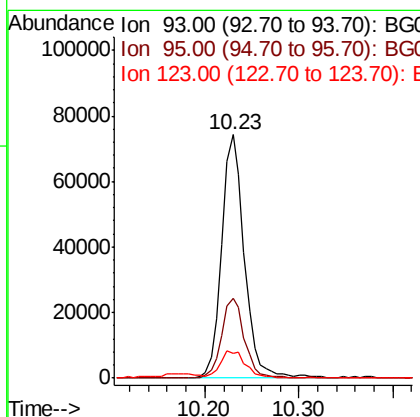
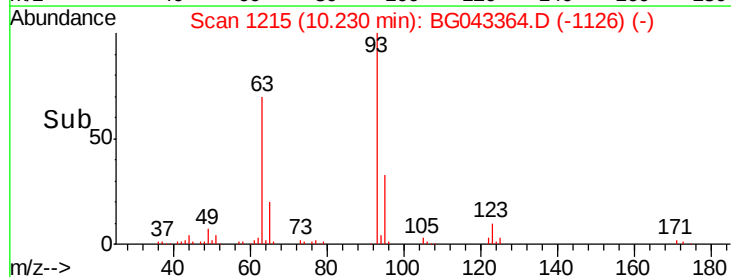
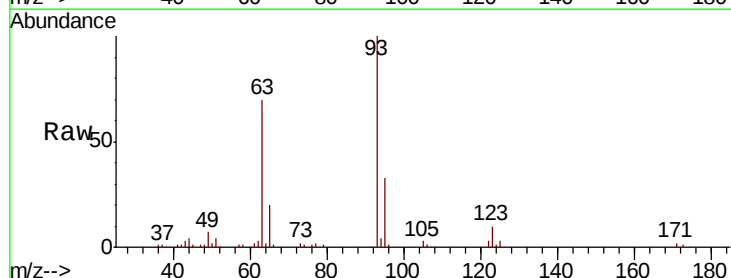
Manual Integrations
APPROVED

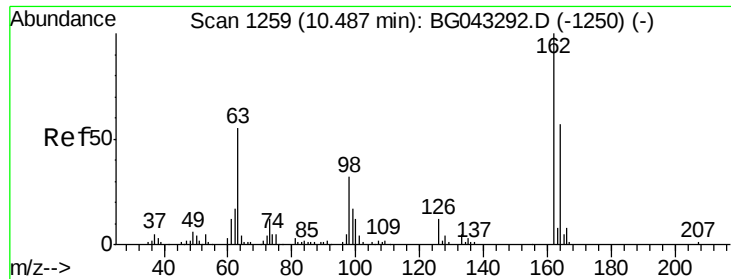
mohammad
10/29/2019 3:34:42 PM



#28
bis(2-Chloroethoxy)methane
Concen: 39.419 ng
RT: 10.23 min Scan# 1215
Delta R.T. -0.00 min
Lab File: BG043364.D
Acq: 29 Oct 2019 00:04

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	24.9	37.3
123	10.4	8.9	13.3





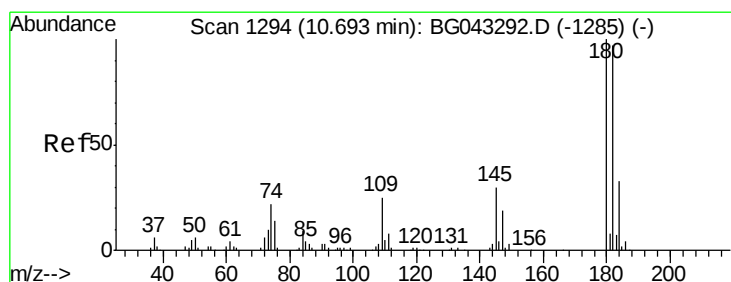
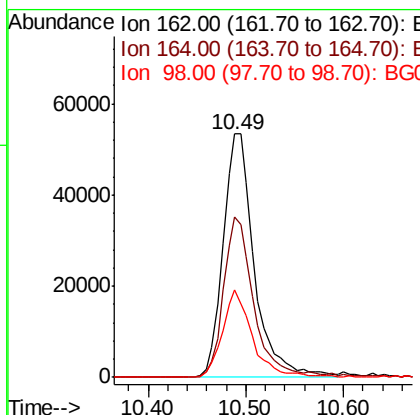
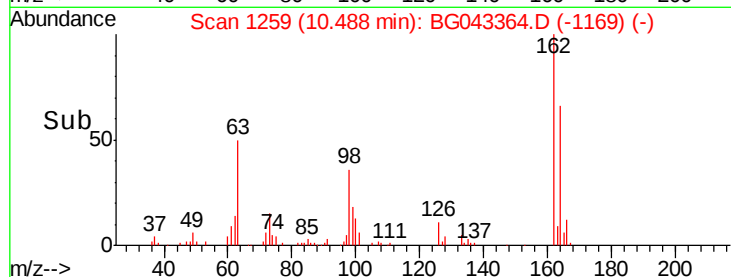
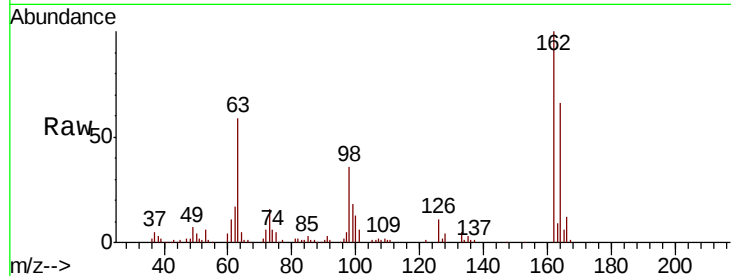
#29
2,4-Dichlorophenol
Concen: 44.508 ng
RT: 10.49 min Scan# 1259
Delta R.T. 0.00 min
Lab File: BG043364.D
Acq: 29 Oct 2019 00:04

Instrument :
BNA_G
ClientSampleId :
162-36-(0-1)MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.0	37.3	77.3
98	35.9	11.8	51.8

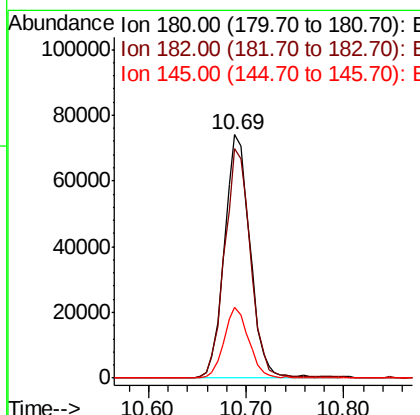
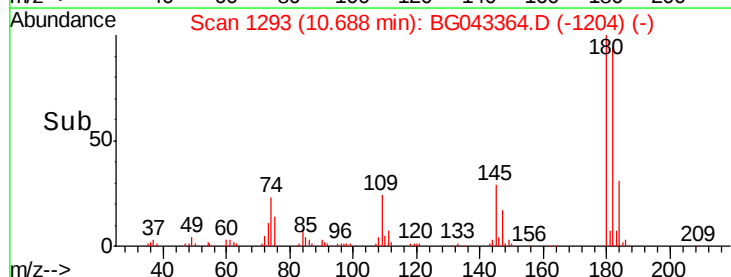
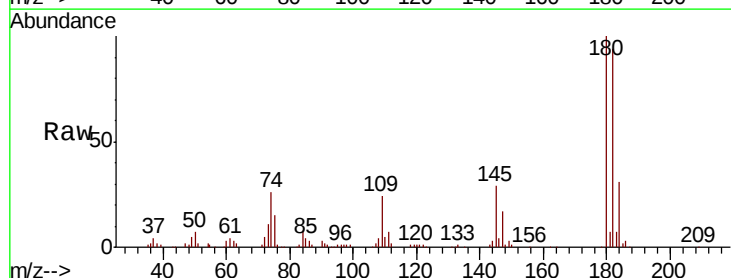
Manual Integrations
APPROVED

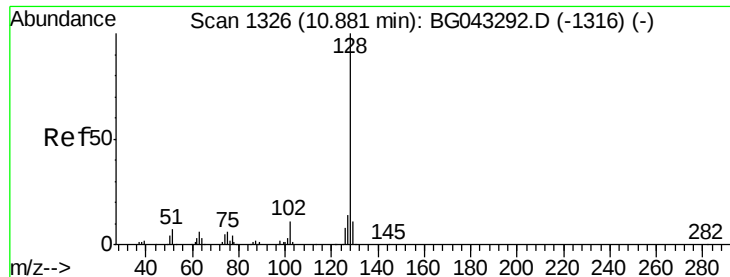
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 40.372 ng
RT: 10.69 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BG043364.D
Acq: 29 Oct 2019 00:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	77.8	116.8
145	29.3	23.6	35.4





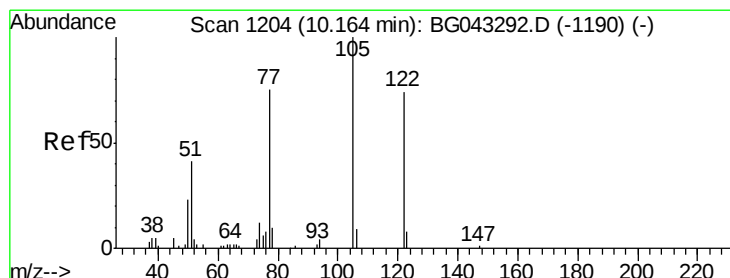
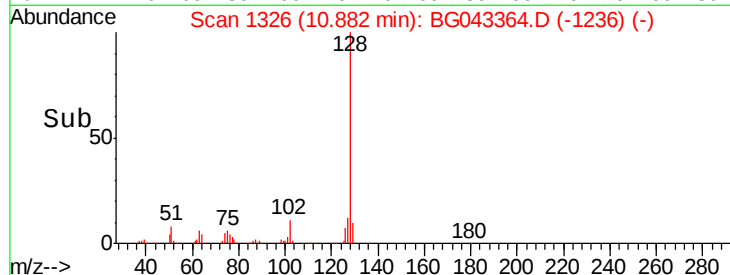
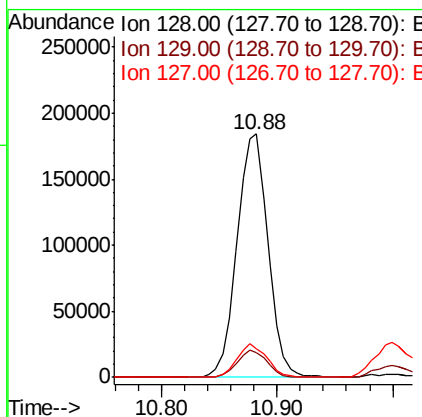
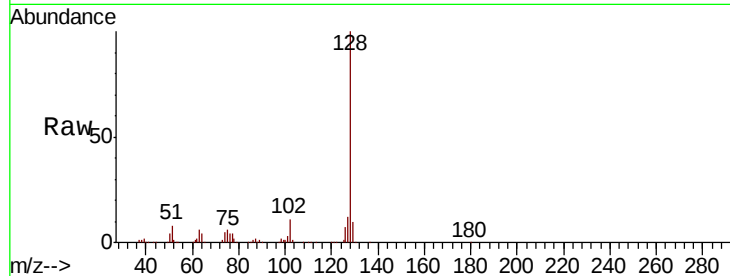
#31
Naphthalene
Concen: 41.551 ng
RT: 10.88 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BG043364.D
Acq: 29 Oct 2019 00:04

Instrument :
BNA_G
ClientSampleId :
162-36-(0-1)MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.0	8.6	12.8
127	11.9	11.5	17.3

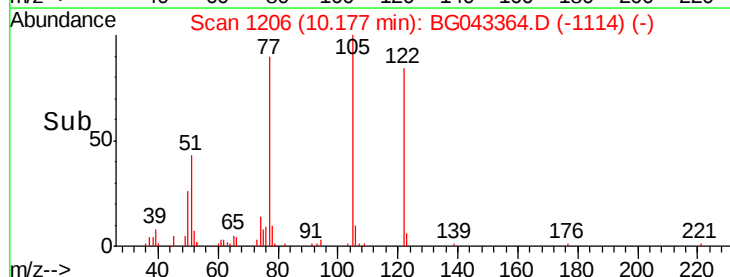
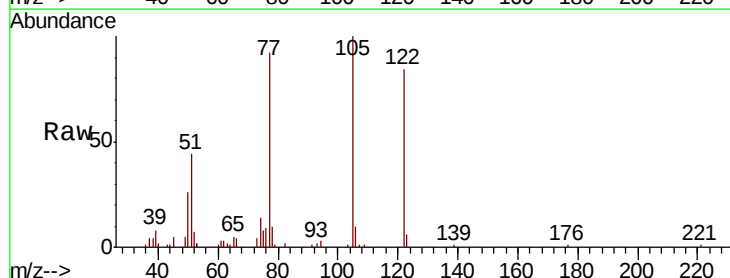
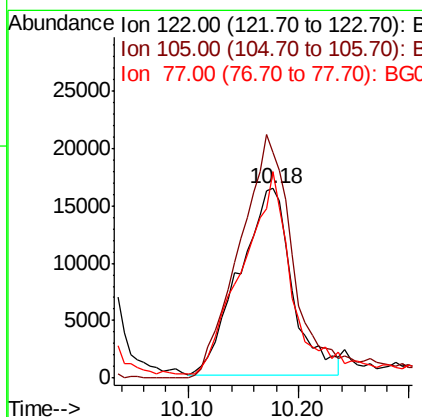
Manual Integrations
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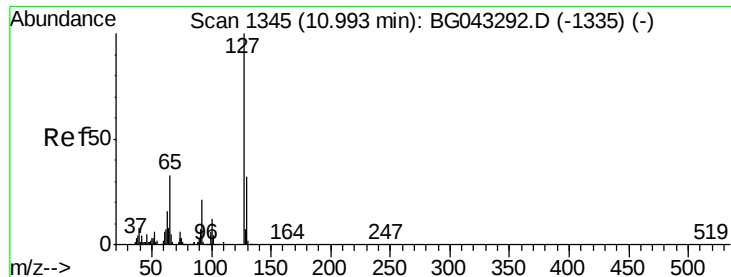
mohammad
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#32
Benzoic acid
Concen: 36.822 ng
RT: 10.18 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BG043364.D
Acq: 29 Oct 2019 00:04

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.3	112.4	152.4
77	109.3	82.7	122.7





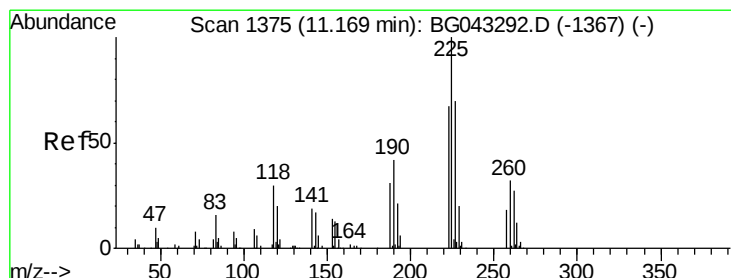
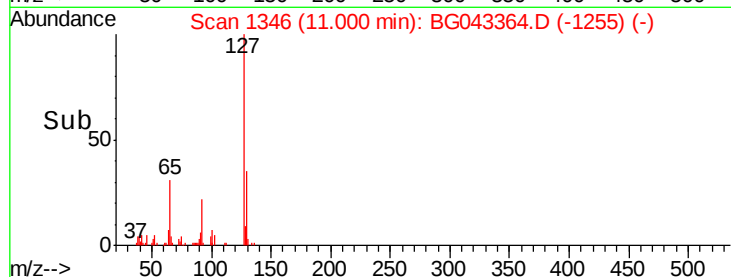
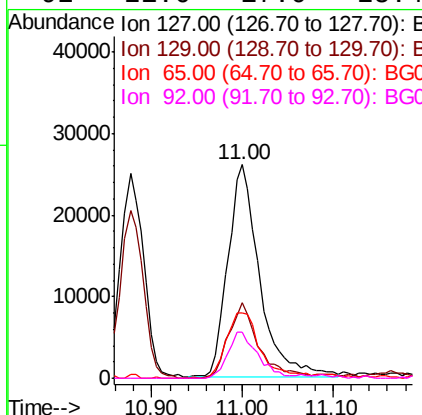
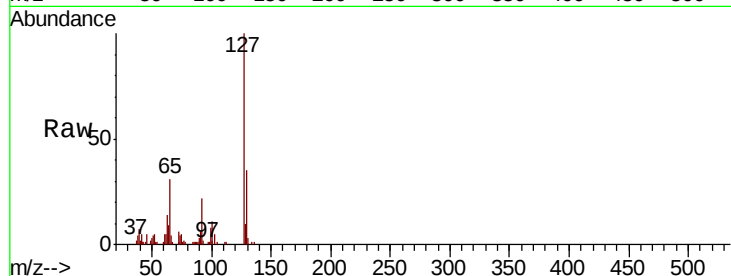
#33
4-Chloroaniline
Concen: 18.801 ng
RT: 11.00 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BG043364.D
Acq: 29 Oct 2019 00:04

Instrument :
BNA_G
ClientSampleId :
162-36-(0-1)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		63540		
129	35.3	25.8	38.8		
65	30.8	26.2	39.2		
92	21.6	17.0	25.4		

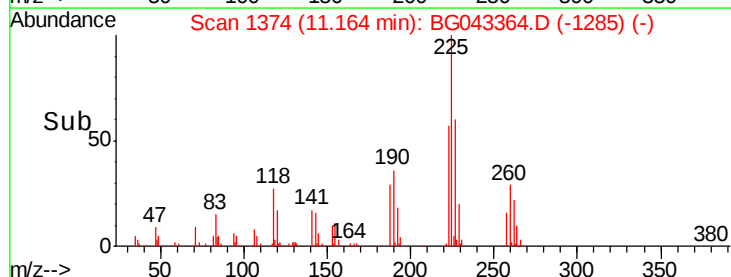
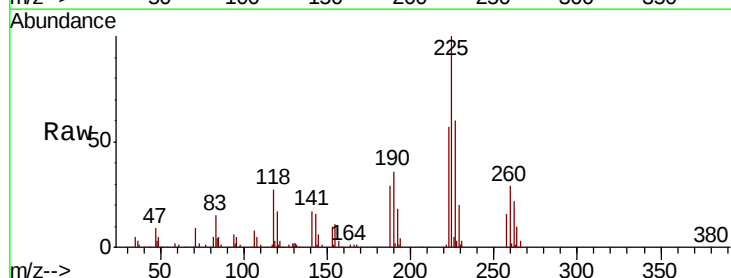
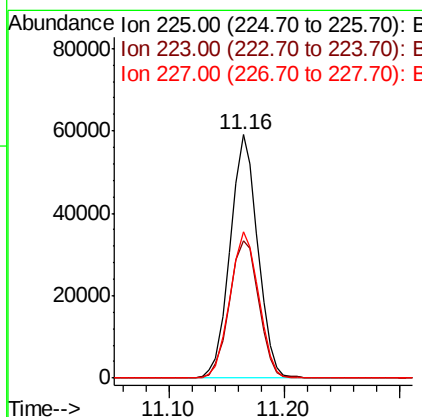
Manual Integrations
APPROVED

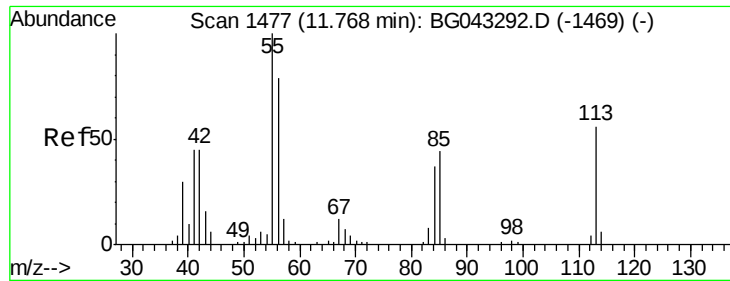
mohammad
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#34
Hexachlorobutadiene
Concen: 39.549 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BG043364.D
Acq: 29 Oct 2019 00:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		98045		
223	56.6	53.2	79.8		
227	60.0	56.2	84.2		





#35

Caprolactam

Concen: 41.785 ng/ml

RT: 11.76 min Scan# 1476

Delta R.T. -0.00 min

Lab File: BG043364.D

Acq: 29 Oct 2019 00:04

Instrument :

BNA_G

ClientSampleId :

162-36-(0-1)MS

Tot Ion:113 Resp: 38292

Ion Ratio Lower Upper

113 100

55 151.7 158.9 198.9#

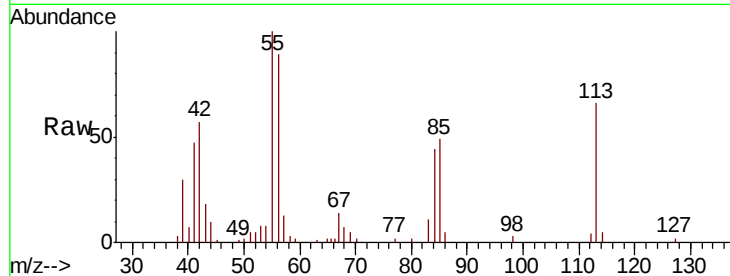
56 134.8 121.4 161.4

Manual Integrations

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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG043292.D (-1469) (-)

Ion 56.00 (55.70 to 56.70): BG043292.D (-1469) (-)

15000

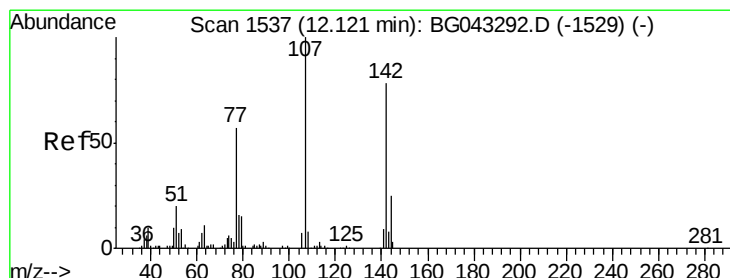
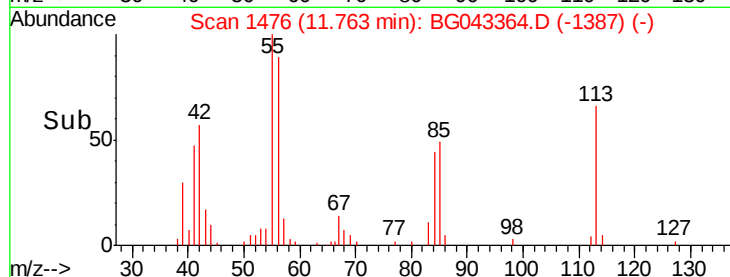
10000

5000

0

11.76

Time-->



#36

4-Chloro-3-methylphenol

Concen: 43.450 ng/ml

RT: 12.13 min Scan# 1538

Delta R.T. 0.01 min

Lab File: BG043364.D

Acq: 29 Oct 2019 00:04

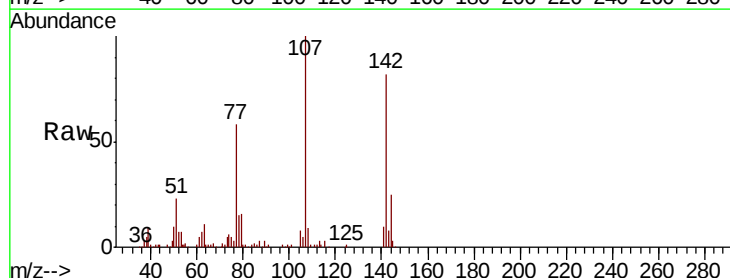
Tgt Ion:107 Resp: 126109

Ion Ratio Lower Upper

107 100

144 25.1 19.9 29.9

142 82.2 62.1 93.1



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

80000

60000

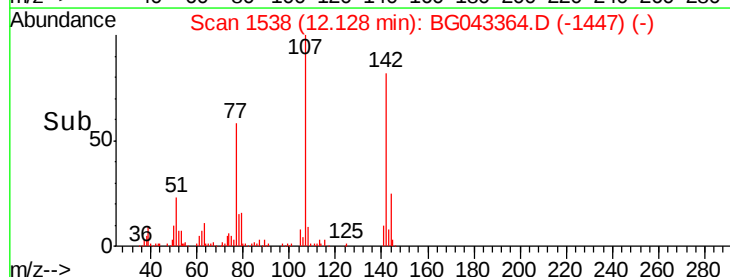
40000

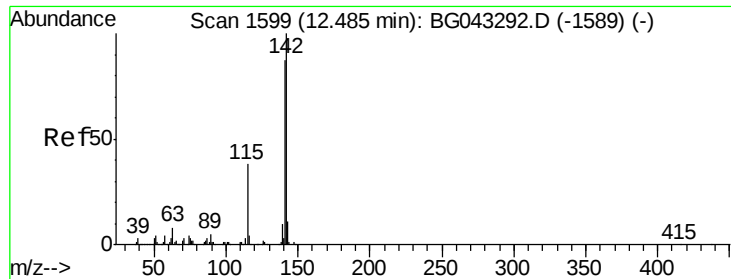
20000

0

12.13

Time-->





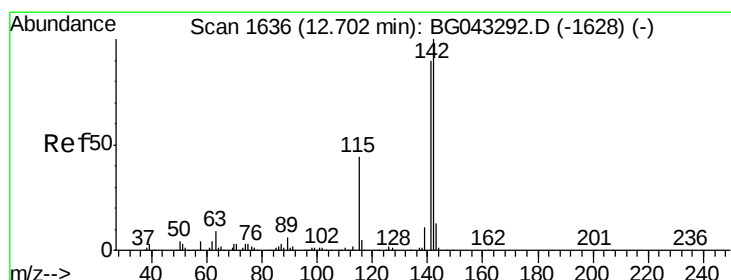
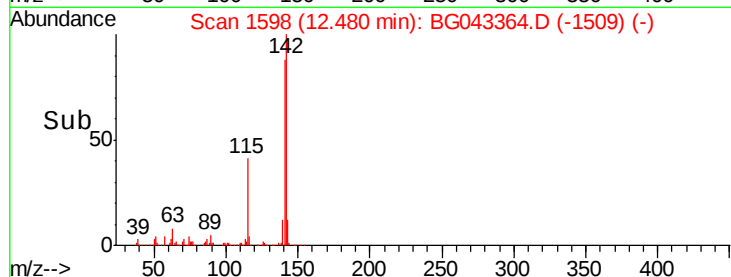
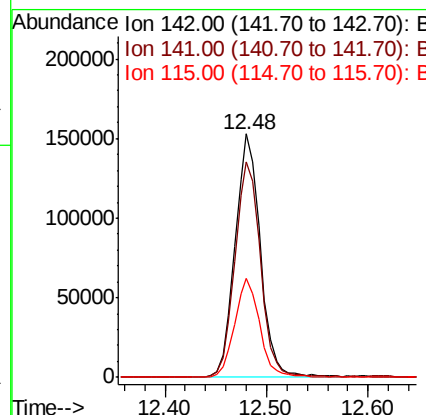
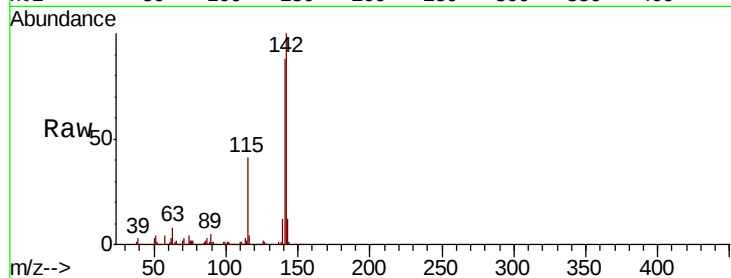
#37
2-Methylnaphthalene
Concen: 41.772 ng
RT: 12.48 min Scan# 1598
Delta R.T. -0.00 min
Lab File: BG043364.D
Acq: 29 Oct 2019 00:04

Instrument :
BNA_G
ClientSampleId :
162-36-(0-1)MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	69.7	104.5
115	40.6	30.6	46.0

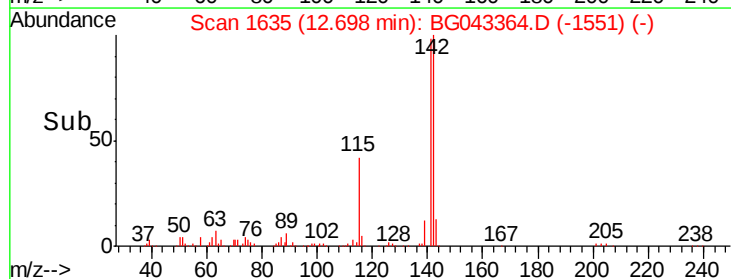
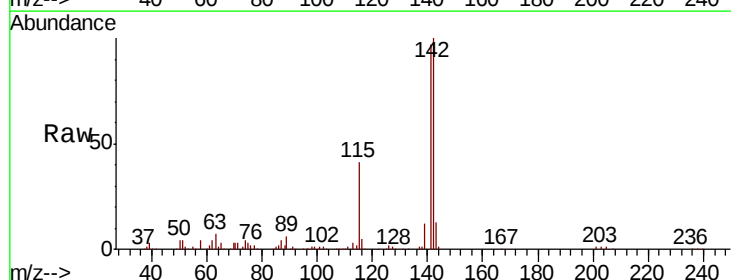
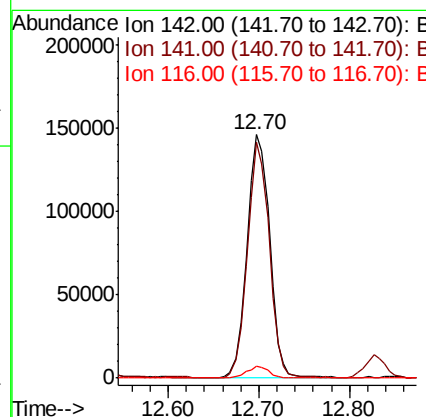
Manual Integrations
APPROVED

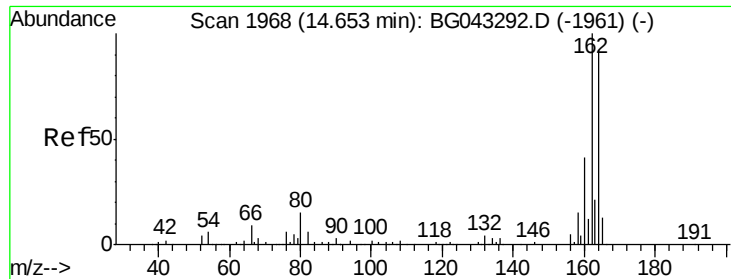
mohammad
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#38
1-Methylnaphthalene
Concen: 41.666 ng
RT: 12.70 min Scan# 1635
Delta R.T. -0.00 min
Lab File: BG043364.D
Acq: 29 Oct 2019 00:04

Tgt Ion	Ratio	Lower	Upper
142	100		
141	97.0	72.3	108.5
116	4.7	3.8	5.6





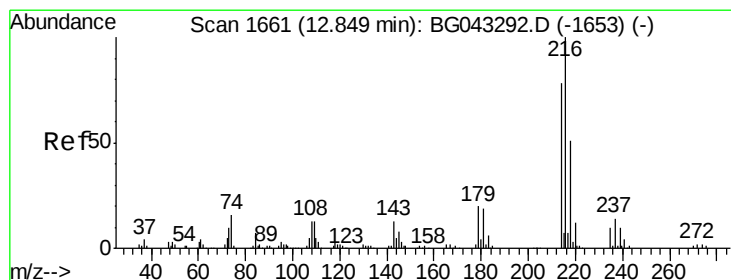
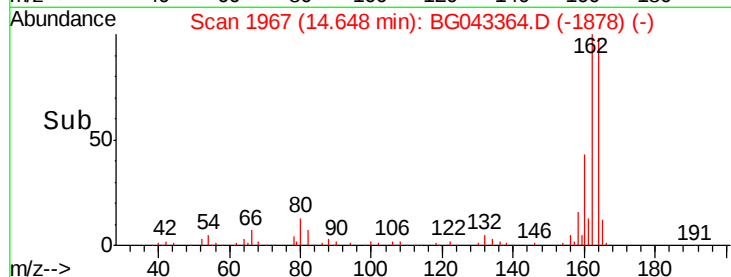
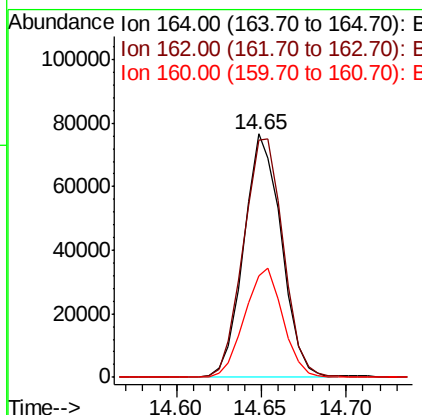
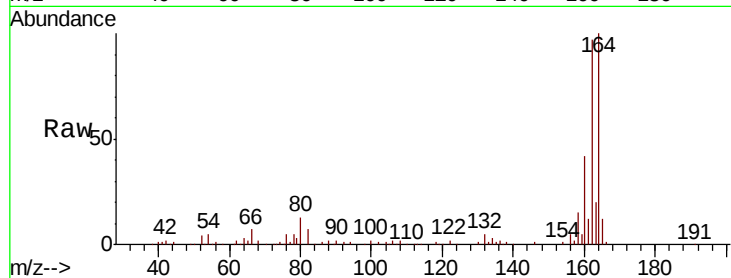
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.00 min
Lab File: BG043364.D
Acq: 29 Oct 2019 00:04

Instrument :
BNA_G
ClientSampleId :
162-36-(0-1)MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	97.4	87.0	130.4
160	41.8	35.5	53.3

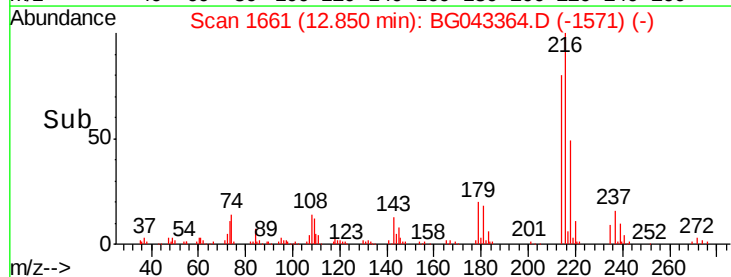
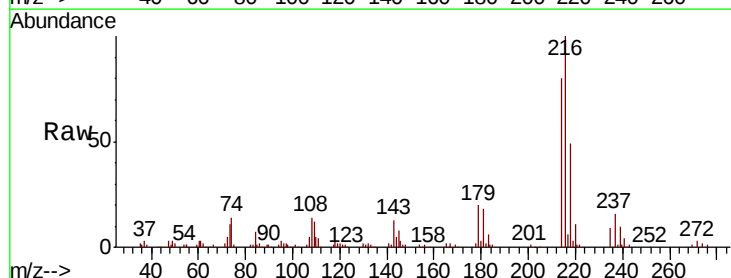
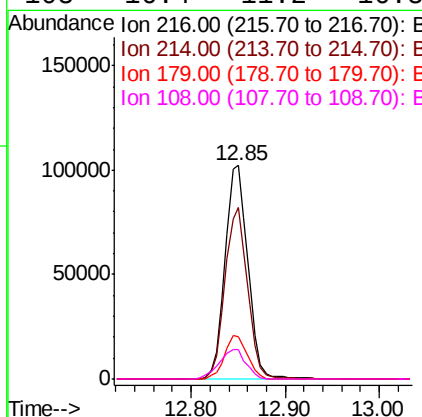
Manual Integrations
APPROVED

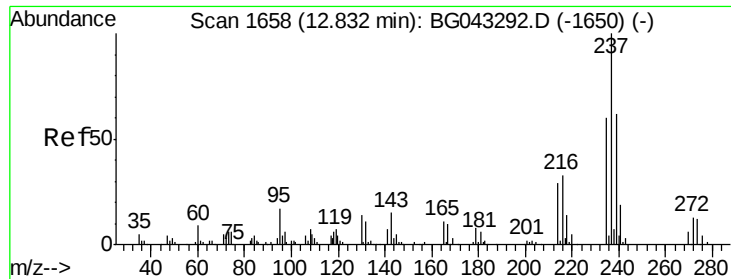
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.367 ng
RT: 12.85 min Scan# 1661
Delta R.T. 0.00 min
Lab File: BG043364.D
Acq: 29 Oct 2019 00:04

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.5	95.3
179	20.4	16.2	24.2
108	16.4	11.2	16.8





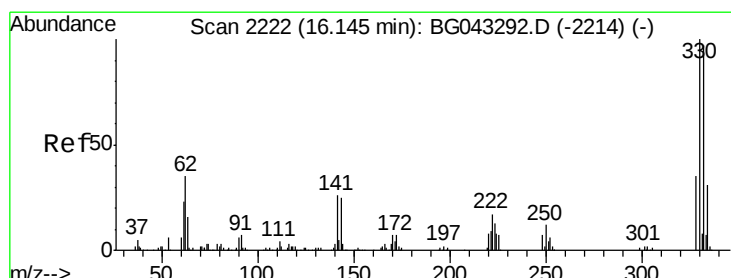
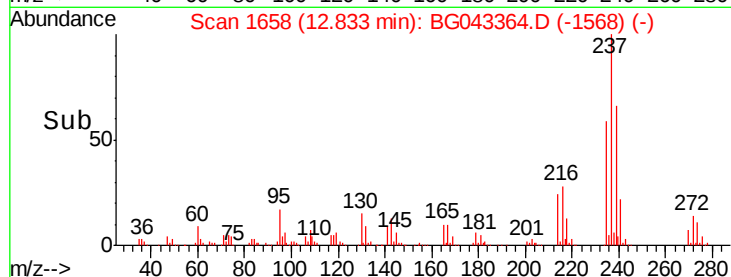
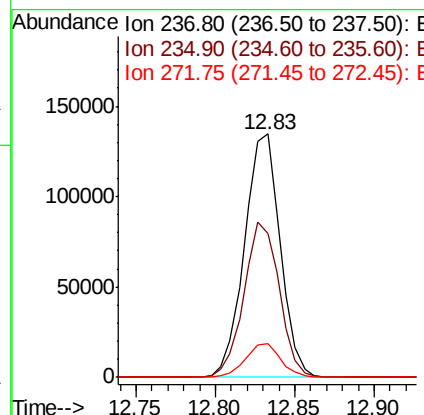
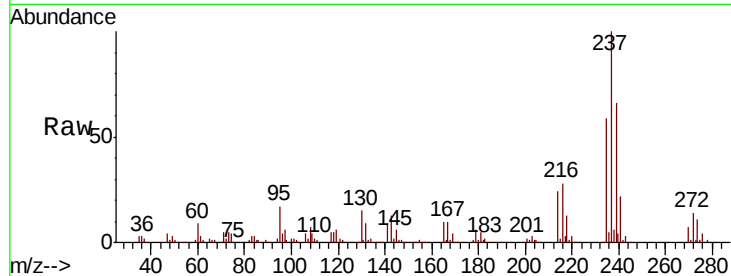
#41
Hexachlorocyclopentadiene
Concen: 91.627 ng
RT: 12.83 min Scan# 1658
Delta R.T. 0.00 min
Lab File: BG043364.D
Acq: 29 Oct 2019 00:04

Instrument :
BNA_G
ClientSampleId :
162-36-(0-1)MS

Tot Ion	Ratio	Resp	Lower	Upper
237	100	210661		
235	59.0	40.3	80.3	
272	13.7	0.0	32.9	

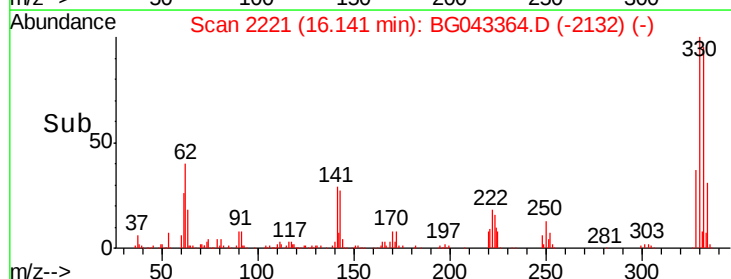
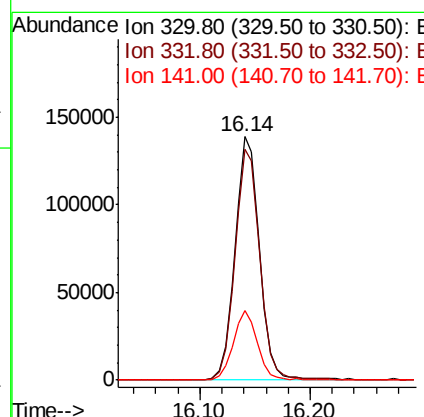
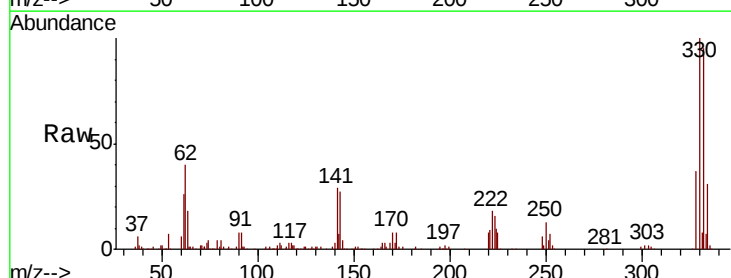
Manual Integrations
APPROVED

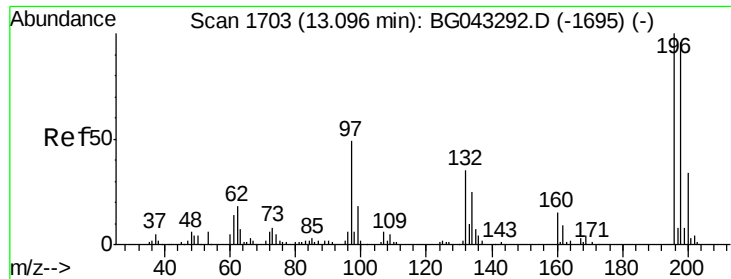
mohammad
10/29/2019 3:34:42 PM



#42
2,4,6-Tribromophenol
Concen: 95.859 ng
RT: 16.14 min Scan# 2221
Delta R.T. -0.00 min
Lab File: BG043364.D
Acq: 29 Oct 2019 00:04

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	215734		
332	96.0	76.4	114.6	
141	28.1	21.4	32.0	





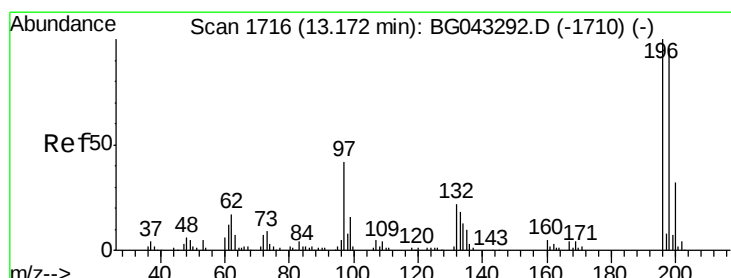
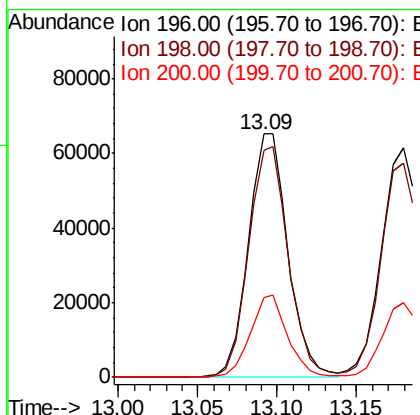
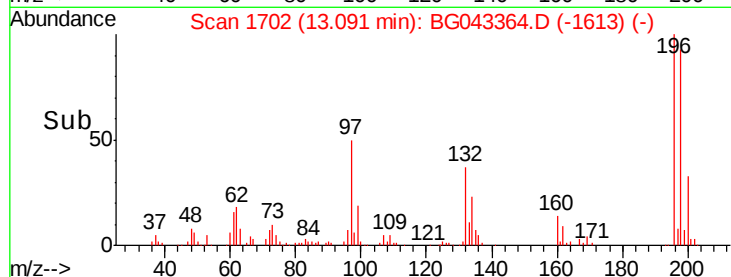
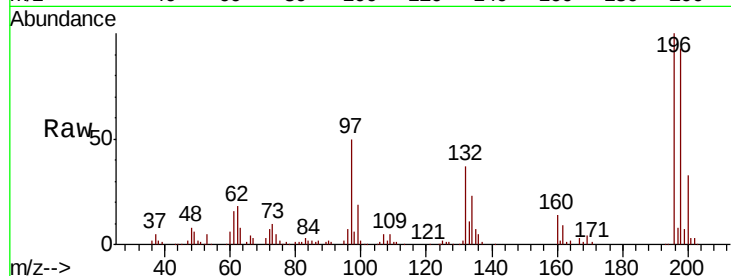
#43
 2,4,6-Trichlorophenol
 Concen: 43.815 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: BG043364.D
 Acq: 29 Oct 2019 00:04

Instrument :
 BNA_G
 ClientSampleId :
 162-36-(0-1)MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	112932		
198	93.2	77.0	115.4	
200	32.9	27.4	41.2	

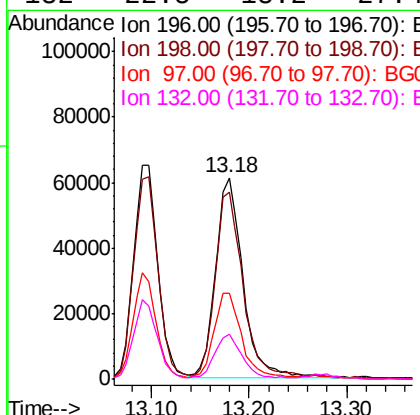
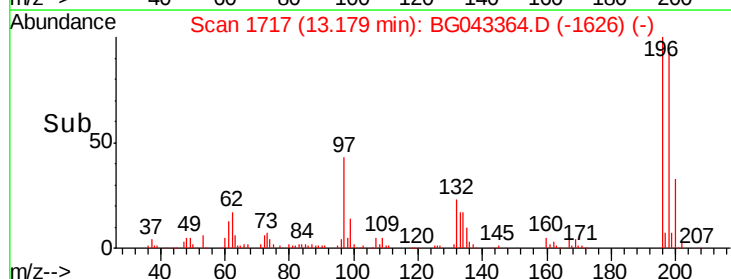
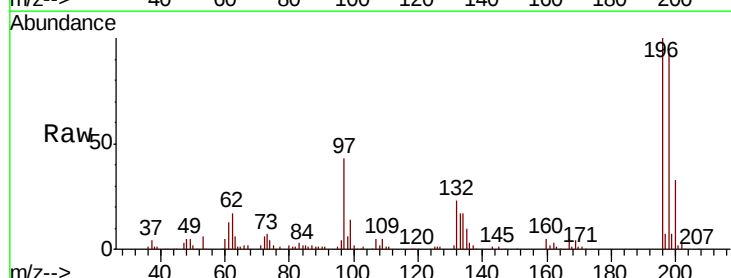
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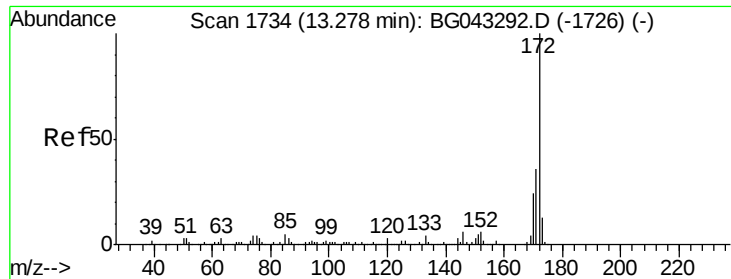
mohammad
 10/29/2019 3:34:42 PM



#44
 2,4,5-Trichlorophenol
 Concen: 45.577 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.01 min
 Lab File: BG043364.D
 Acq: 29 Oct 2019 00:04

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	118764		
198	93.2	76.6	114.8	
97	42.9	34.1	51.1	
132	22.5	18.2	27.4	





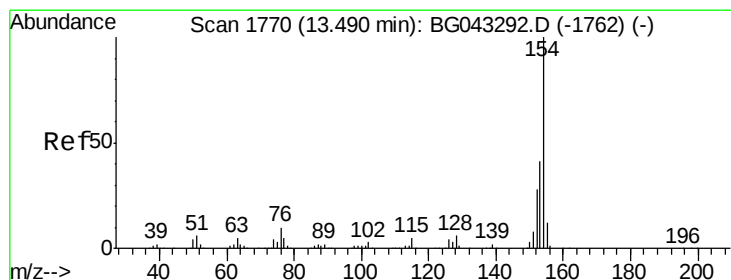
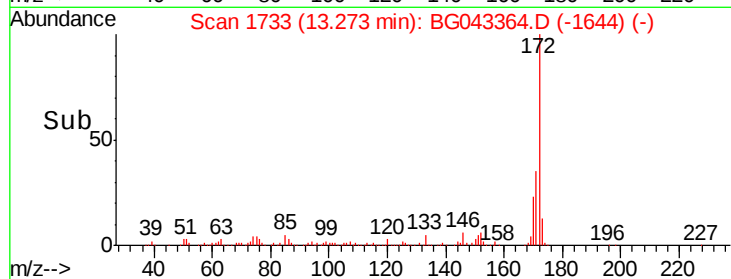
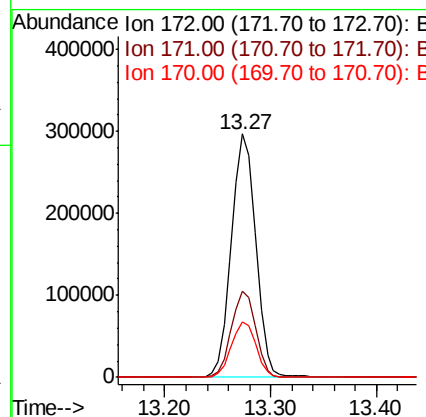
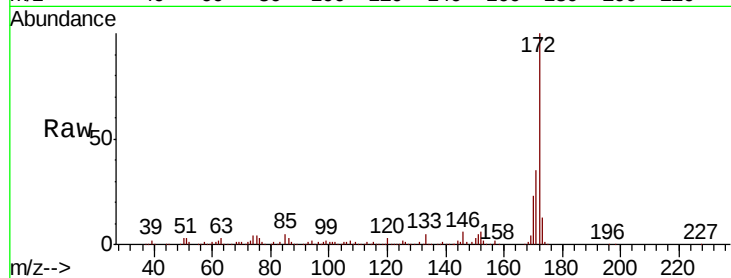
#45
 2-Fluorobiphenyl
 Concen: 55.329 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.00 min
 Lab File: BG043364.D
 Acq: 29 Oct 2019 00:04

Instrument :
 BNA_G
 ClientSampleId :
 162-36-(0-1)MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.5	42.7
170	23.0	18.8	28.2

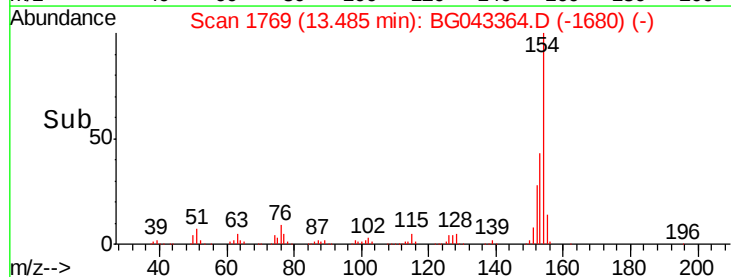
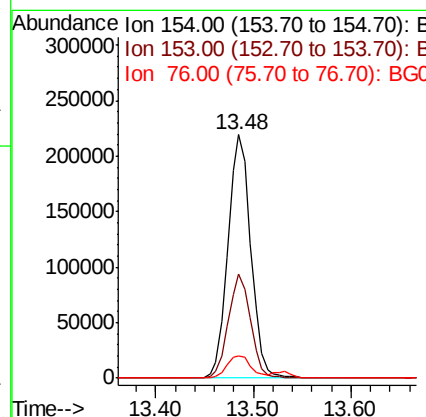
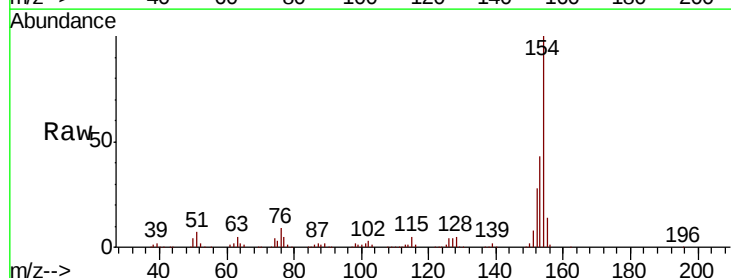
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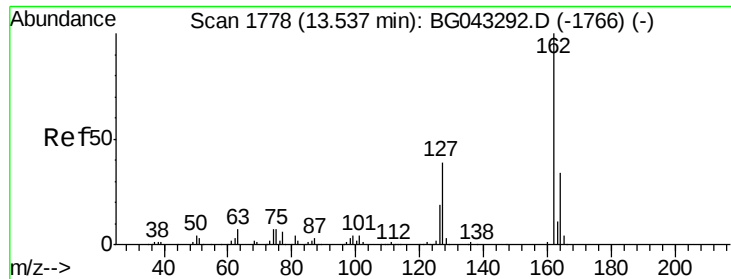
mohammad
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#46
 1,1'-Biphenyl
 Concen: 39.512 ng
 RT: 13.48 min Scan# 1769
 Delta R.T. -0.00 min
 Lab File: BG043364.D
 Acq: 29 Oct 2019 00:04

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.7	21.0	61.0
76	9.3	0.0	29.8





#47

2-Chloronaphthalene

Concen: 40.560 ng

RT: 13.53 min Scan# 1777

Delta R.T. -0.00 min

Lab File: BG043364.D

Acq: 29 Oct 2019 00:04

Instrument :

BNA_G

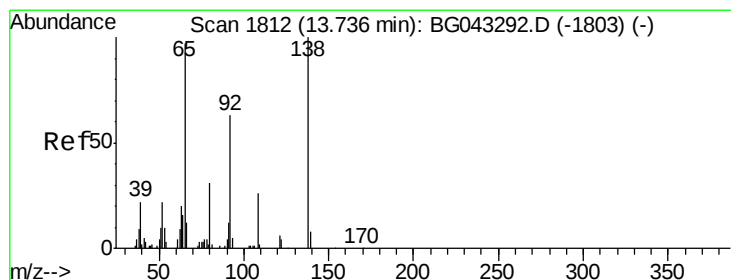
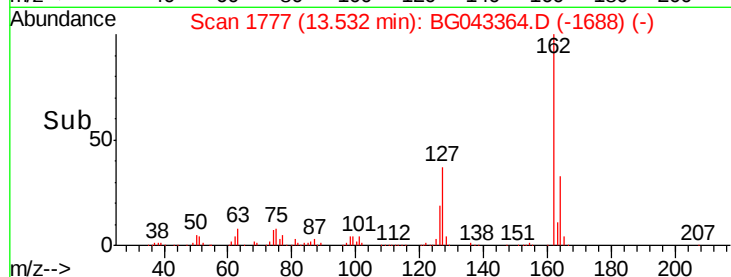
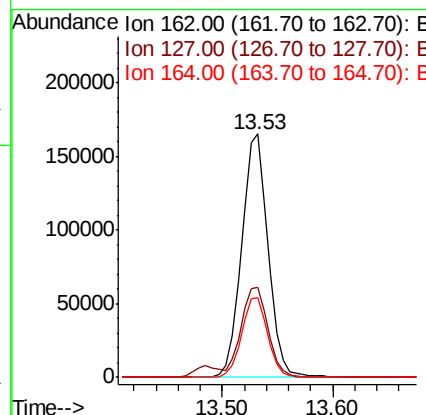
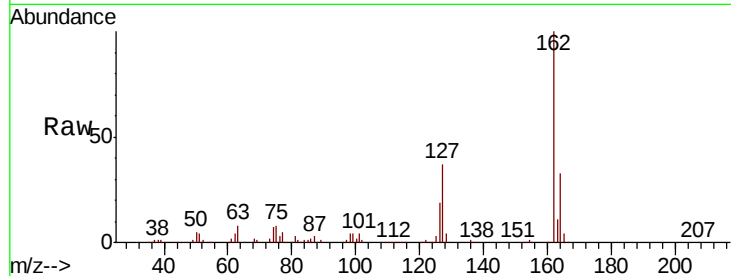
ClientSampleId :

162-36-(0-1)MS

Tot Ion:	162	Resp:	277648
Ion Ratio	Lower	Upper	
162	100		
127	37.1	31.3	46.9
164	33.0	26.8	40.2

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#48

2-Nitroaniline

Concen: 40.487 ng

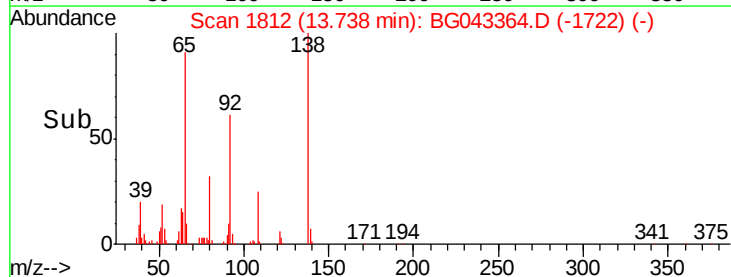
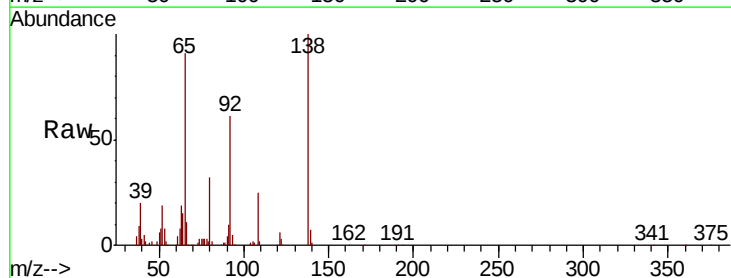
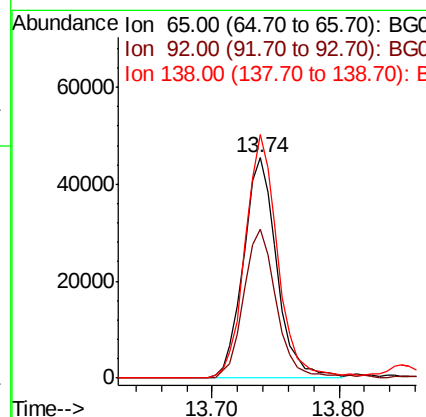
RT: 13.74 min Scan# 1812

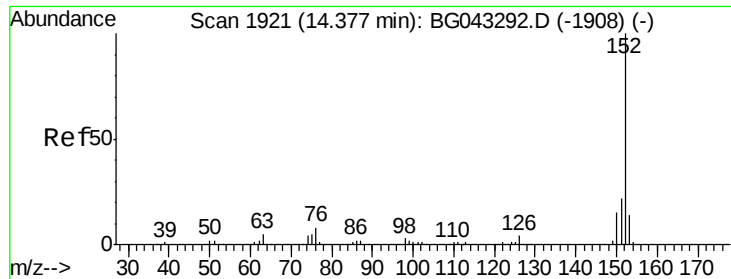
Delta R.T. 0.00 min

Lab File: BG043364.D

Acq: 29 Oct 2019 00:04

Tgt Ion:	65	Resp:	82834
Ion Ratio	Lower	Upper	
65	100		
92	67.7	52.6	79.0
138	110.4	82.9	124.3





#49

Acenaphthylene

Concen: 42.405 ng

RT: 14.37 min Scan# 1920

Delta R.T. -0.00 min

Lab File: BG043364.D

Acq: 29 Oct 2019 00:04

Instrument :

BNA_G

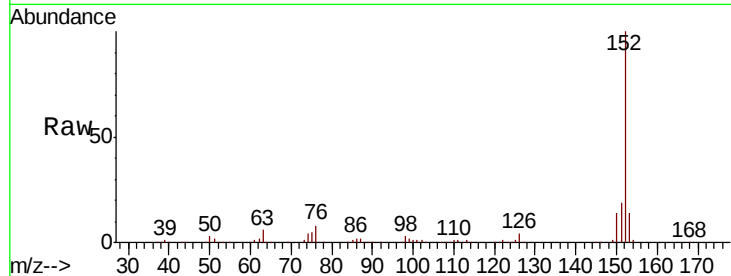
ClientSampleId :

162-36-(0-1)MS

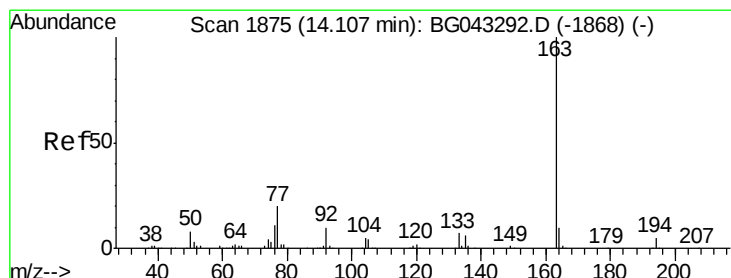
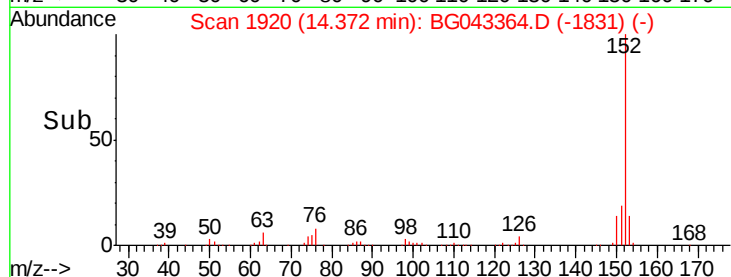
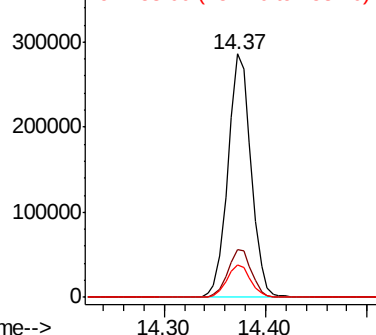
Tot Ion:	152	Resp:	451770
Ion Ratio	Lower	Upper	
152	100		
151	19.4	17.2	25.8
153	13.5	11.0	16.6

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



#50

Dimethylphthalate

Concen: 47.488 ng

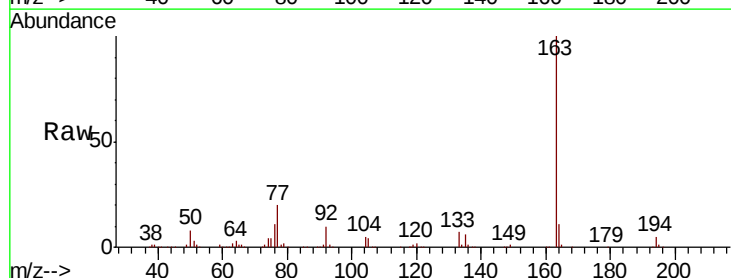
RT: 14.11 min Scan# 1875

Delta R.T. 0.00 min

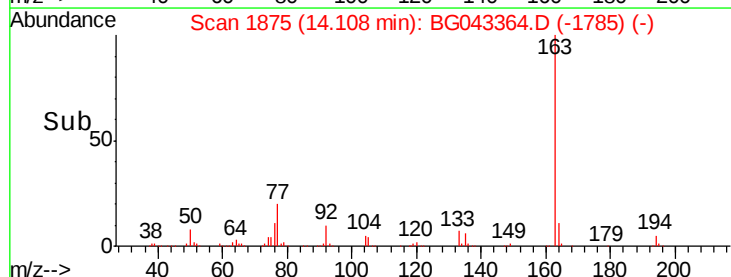
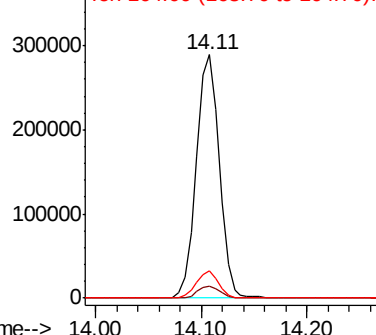
Lab File: BG043364.D

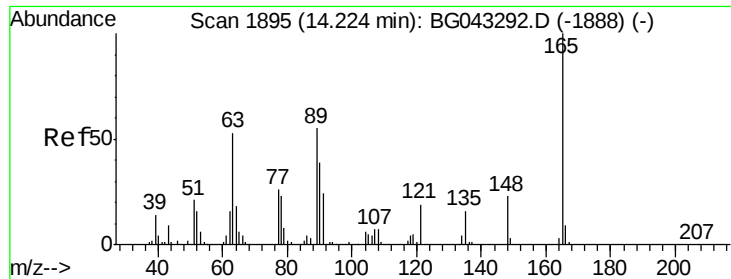
Acq: 29 Oct 2019 00:04

Tgt Ion:	163	Resp:	434996
Ion Ratio	Lower	Upper	
163	100		
194	5.0	3.7	5.5
164	11.0	8.1	12.1



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





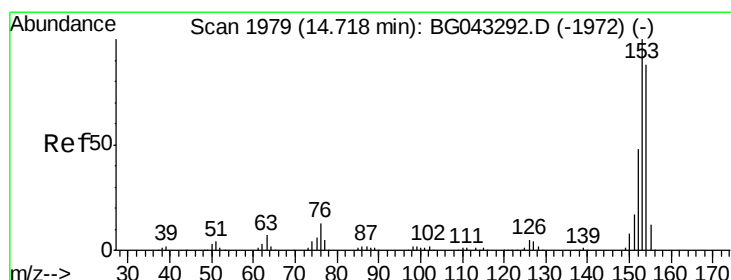
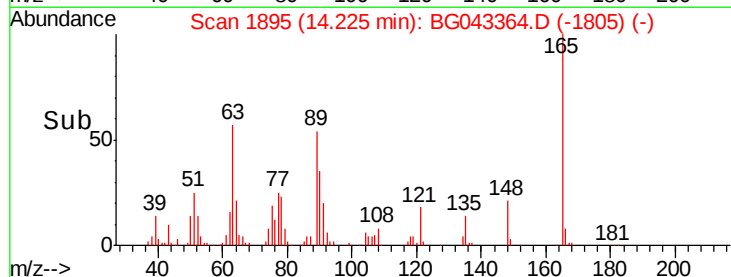
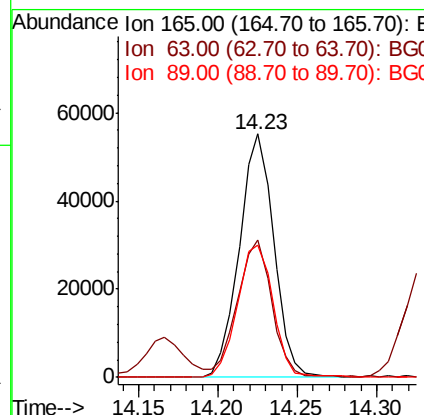
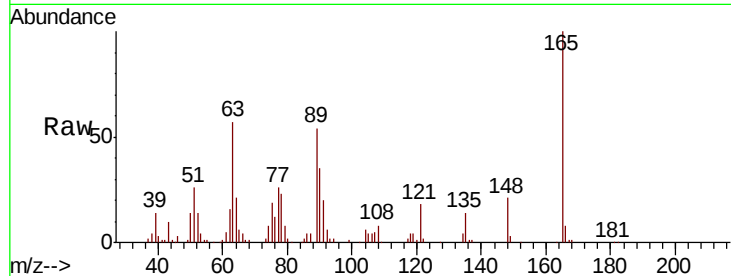
#51
 2,6-Dinitrotoluene
 Concen: 42.065 ng
 RT: 14.23 min Scan# 1895
 Delta R.T. 0.00 min
 Lab File: BG043364.D
 Acq: 29 Oct 2019 00:04

Instrument :
 BNA_G
 ClientSampleId :
 162-36-(0-1)MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	56.6	47.1	70.7
89	54.4	43.7	65.5

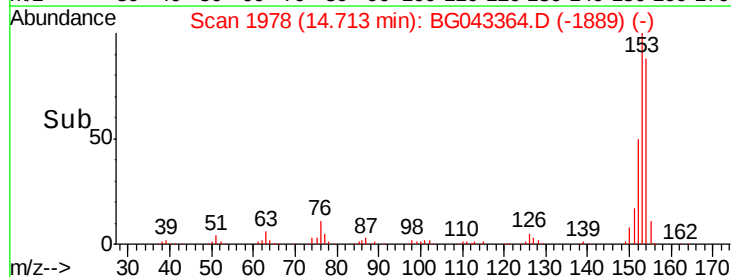
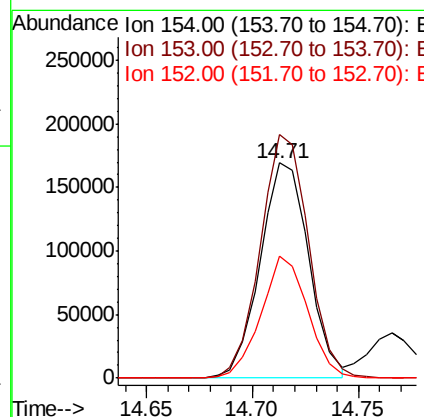
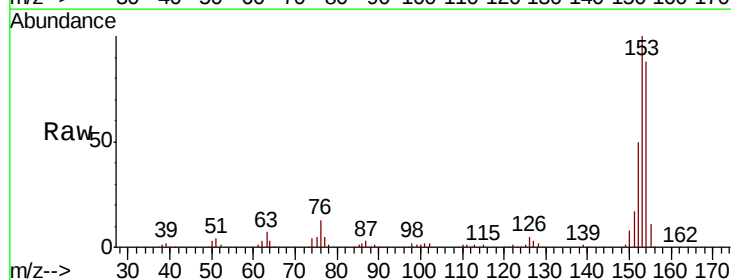
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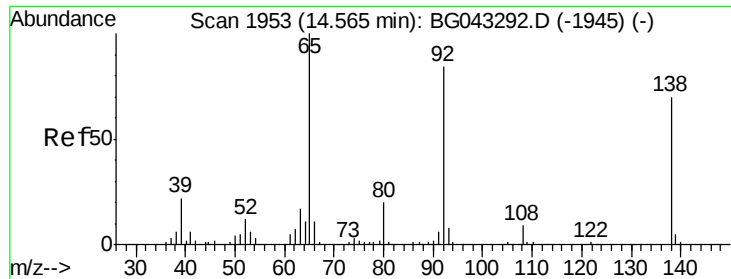
mohammad
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#52
 Acenaphthene
 Concen: 41.645 ng
 RT: 14.71 min Scan# 1978
 Delta R.T. -0.00 min
 Lab File: BG043364.D
 Acq: 29 Oct 2019 00:04

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.2	90.9	136.3
152	56.8	43.9	65.9





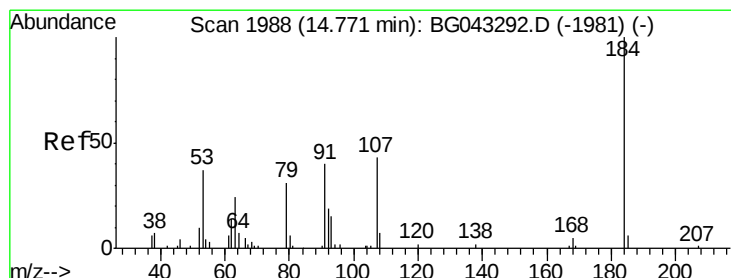
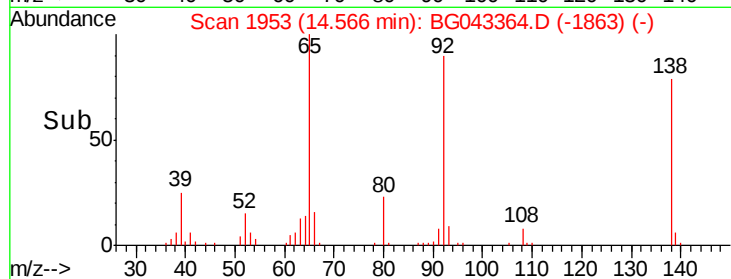
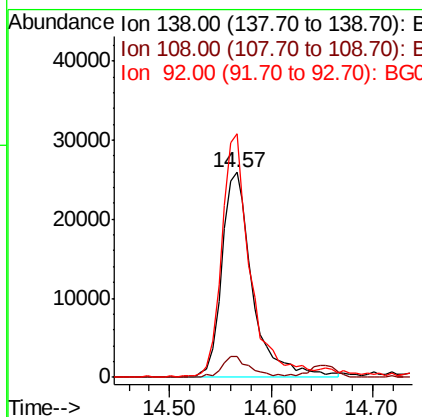
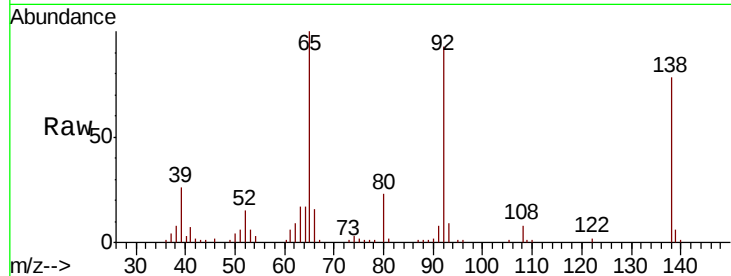
#53
3-Nitroaniline
Concen: 28.164 ng
RT: 14.57 min Scan# 1953
Delta R.T. 0.00 min
Lab File: BG043364.D
Acq: 29 Oct 2019 00:04

Instrument :
BNA_G
ClientSampleId :
162-36-(0-1)MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	9.8	14.6
92	118.9	95.8	143.6

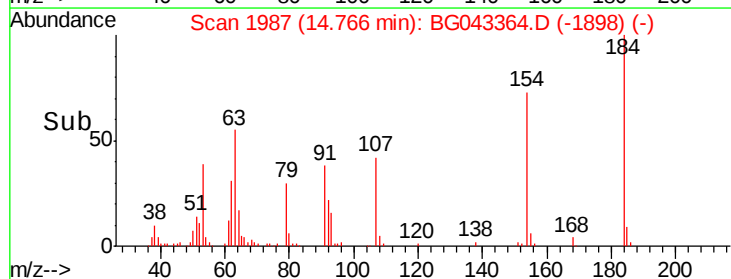
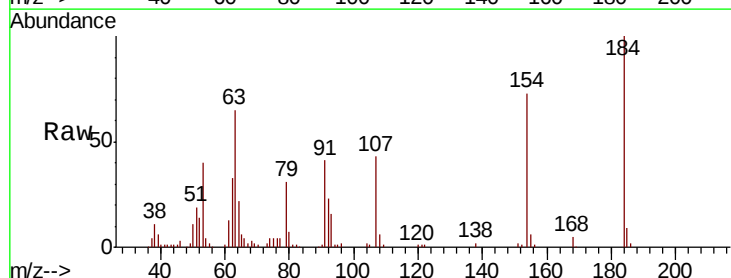
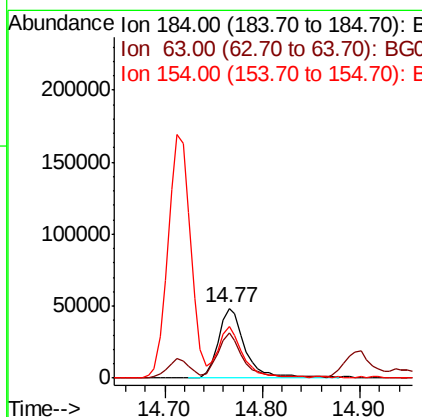
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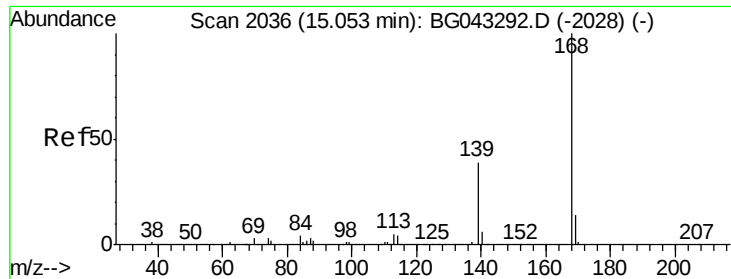
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#54
2,4-Dinitrophenol
Concen: 74.681 ng
RT: 14.77 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BG043364.D
Acq: 29 Oct 2019 00:04

Tgt Ion	Ratio	Lower	Upper
184	100		
63	64.7	48.8	73.2
154	73.5	49.4	74.0





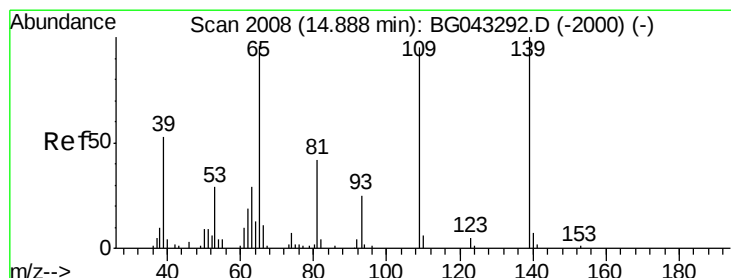
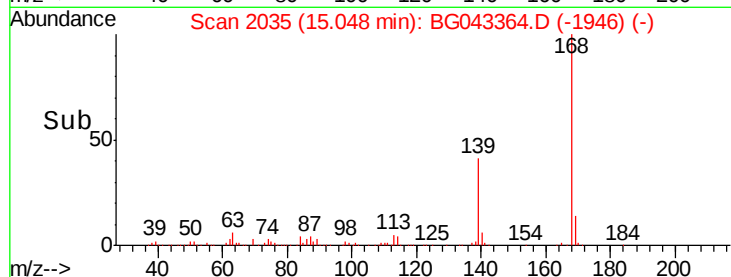
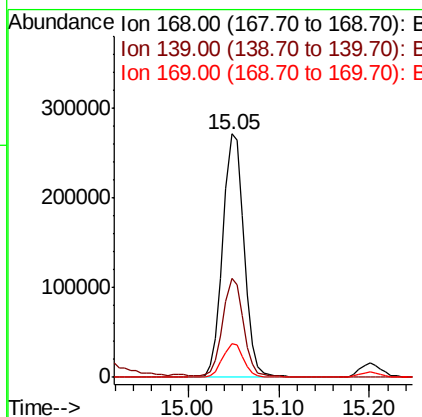
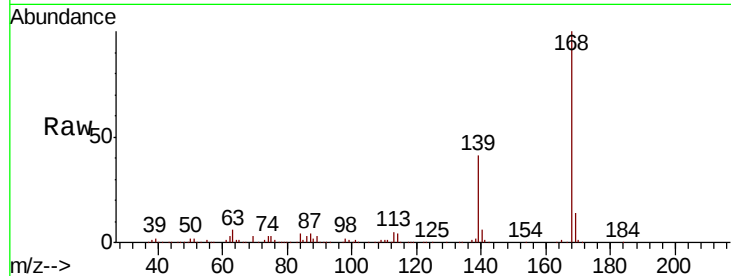
#55
Dibenzenofuran
Concen: 42.052 ng
RT: 15.05 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BG043364.D
Acq: 29 Oct 2019 00:04

Instrument :
BNA_G
ClientSampleId :
162-36-(0-1)MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.6	31.7	47.5
169	13.7	11.0	16.4

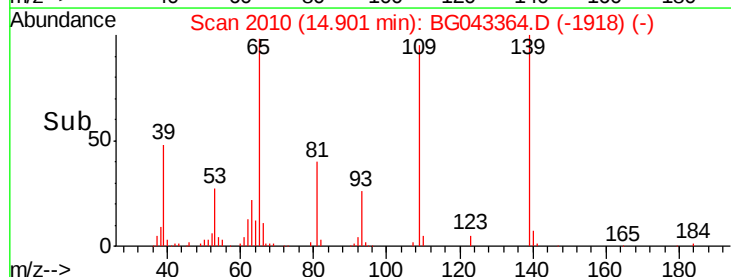
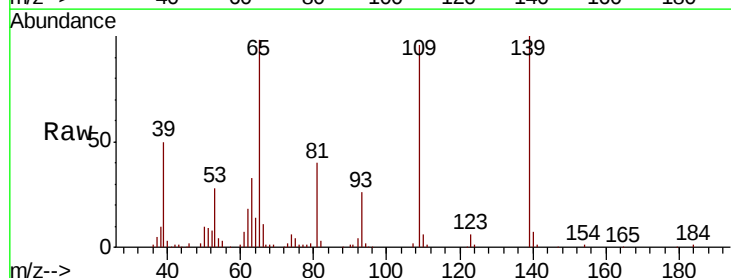
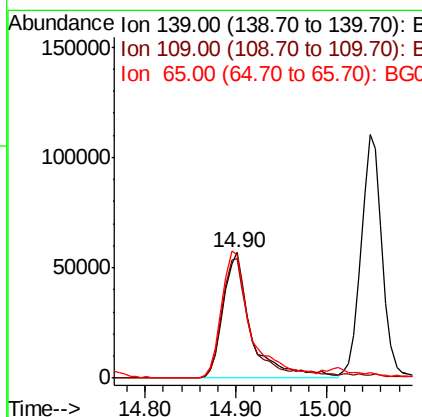
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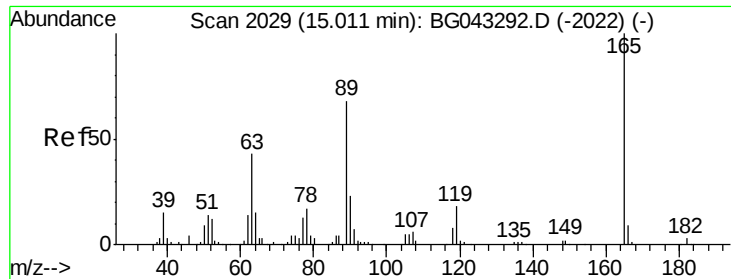
mohammad
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#56
4-Nitrophenol
Concen: 95.241 ng
RT: 14.90 min Scan# 2010
Delta R.T. 0.01 min
Lab File: BG043364.D
Acq: 29 Oct 2019 00:04

Tgt Ion	Ratio	Lower	Upper
139	100		
109	95.5	75.4	115.4
65	98.5	76.6	116.6





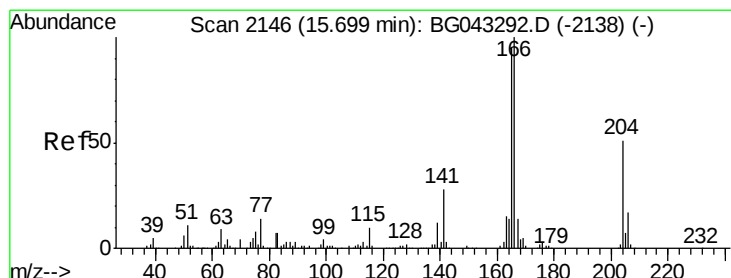
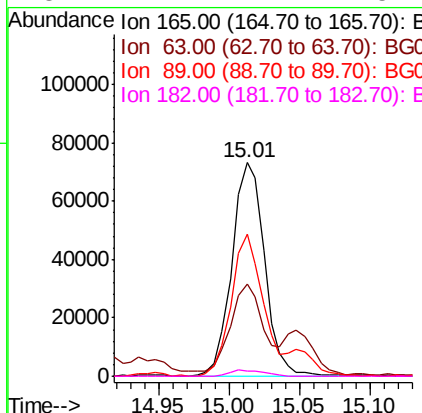
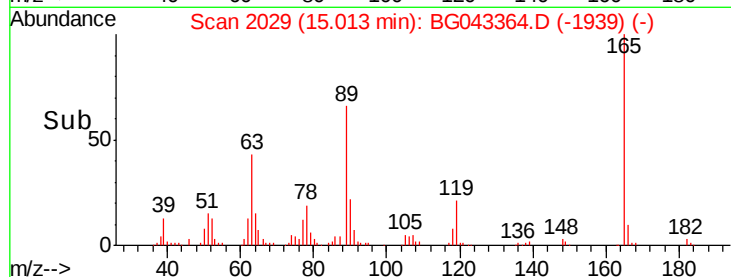
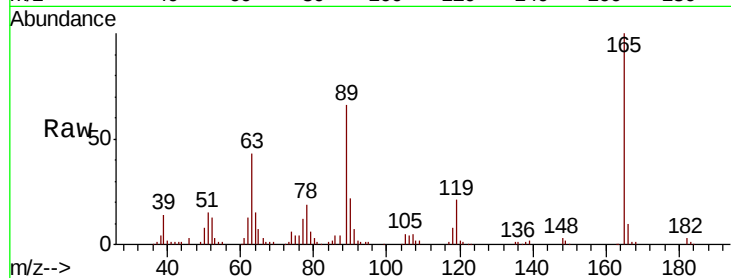
#57
2,4-Dinitrotoluene
Concen: 41.635 ng
RT: 15.01 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BG043364.D
Acq: 29 Oct 2019 00:04

Instrument :
BNA_G
ClientSampleId :
162-36-(0-1)MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.3	35.0	52.6
89	66.4	54.1	81.1
182	2.7	2.2	3.2

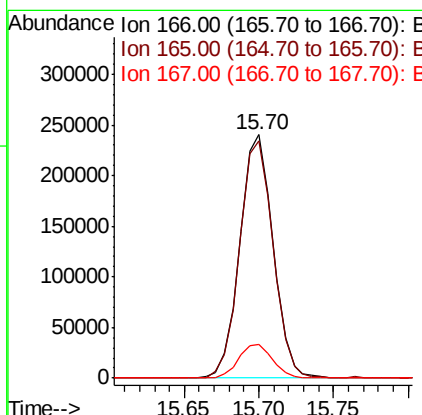
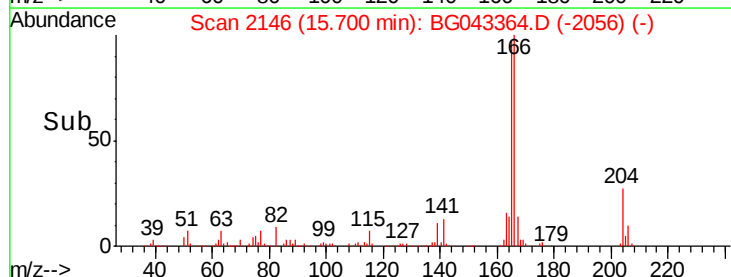
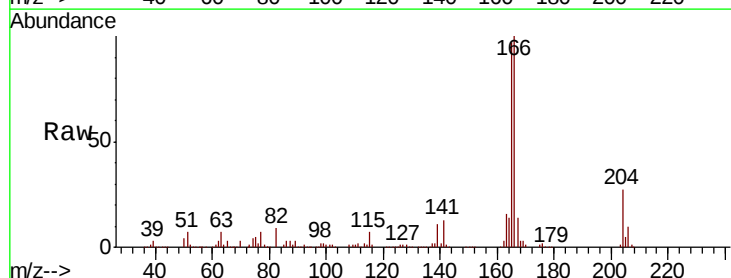
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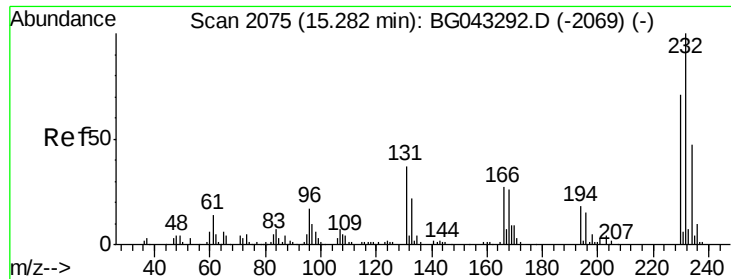
mohammad
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#58
Fluorene
Concen: 41.814 ng
RT: 15.70 min Scan# 2146
Delta R.T. 0.00 min
Lab File: BG043364.D
Acq: 29 Oct 2019 00:04

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.2	76.4	114.6
167	13.9	11.1	16.7





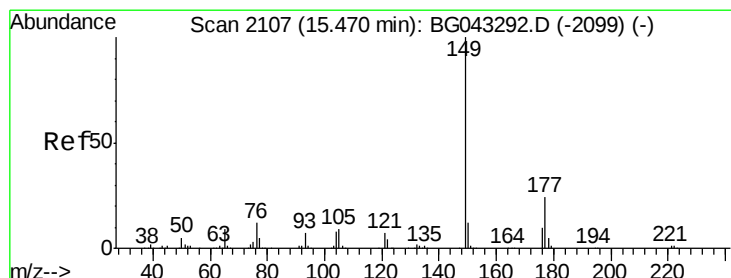
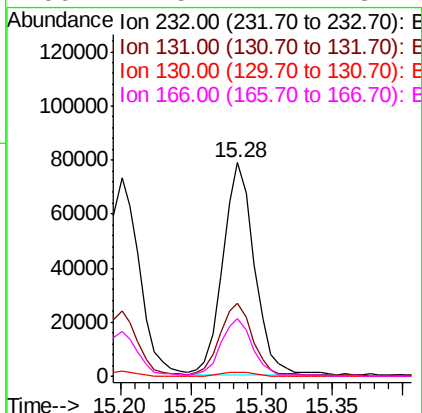
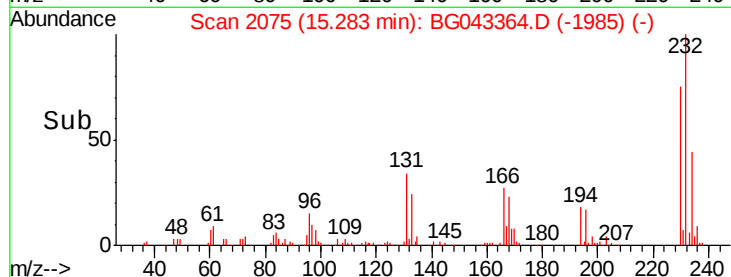
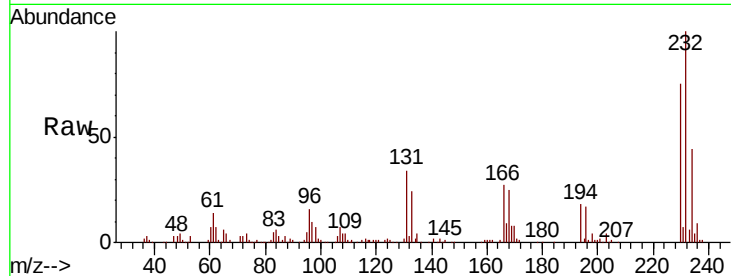
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.495 ng
 RT: 15.28 min Scan# 2075
 Delta R.T. 0.00 min
 Lab File: BG043364.D
 Acq: 29 Oct 2019 00:04

Instrument :
 BNA_G
 ClientSampleId :
 162-36-(0-1)MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	35.1	28.7	43.1
130	2.2	0.6	0.8
166	27.5	21.1	31.7

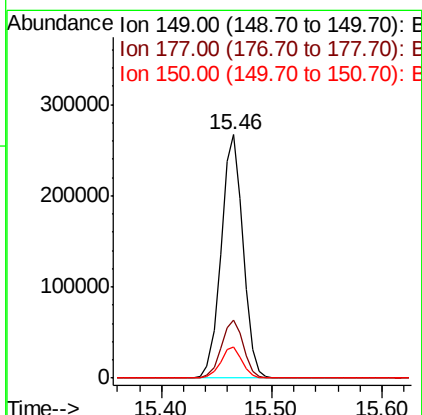
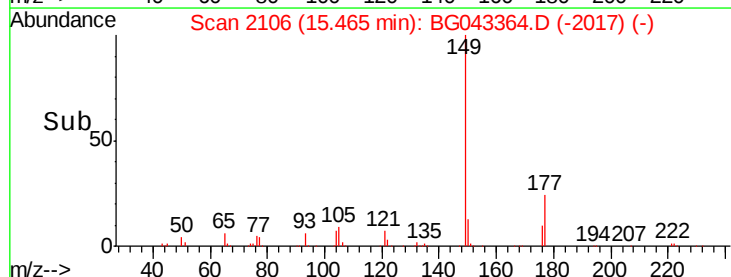
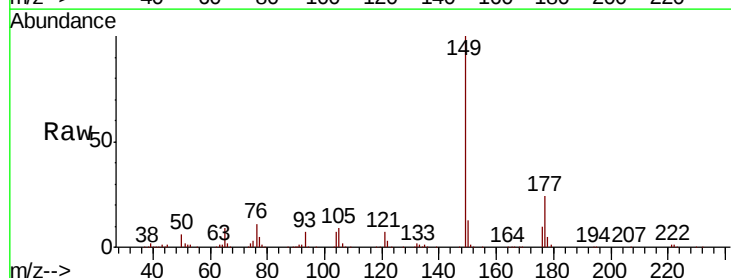
Manual Integrations
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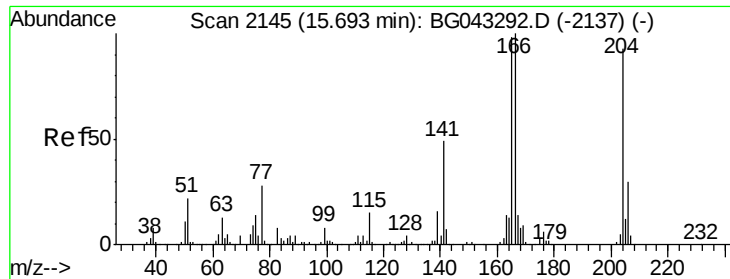
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#60
 Diethylphthalate
 Concen: 40.132 ng
 RT: 15.46 min Scan# 2106
 Delta R.T. -0.00 min
 Lab File: BG043364.D
 Acq: 29 Oct 2019 00:04

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.9	19.0	28.4
150	13.0	9.4	14.0





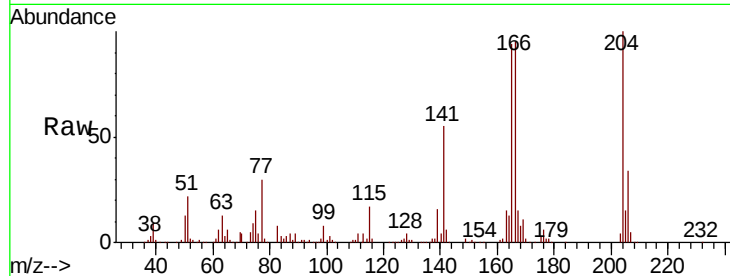
#61
4-Chlorophenyl-phenylether
Concen: 41.193 ng
RT: 15.69 min Scan# 2144
Delta R.T. -0.00 min
Lab File: BG043364.D
Acq: 29 Oct 2019 00:04

Instrument :
BNA_G
ClientSampleId :
162-36-(0-1)MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.8	25.7	38.5
141	55.0	42.3	63.5

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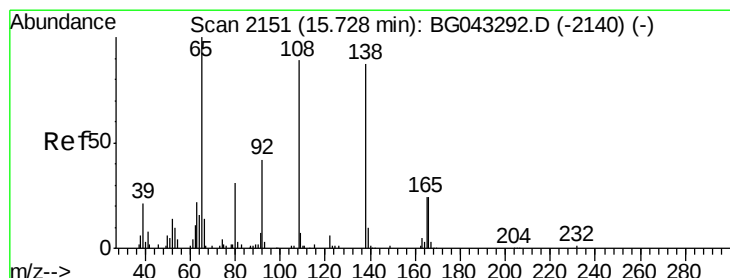
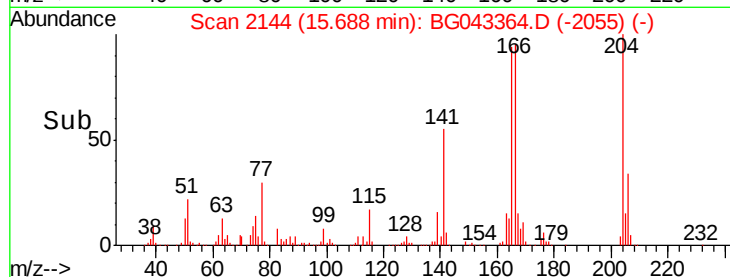
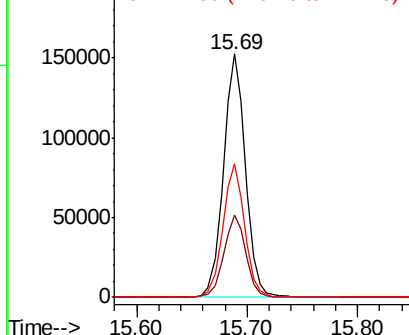


Abundance

Ion 204.00 (203.70 to 204.70): E

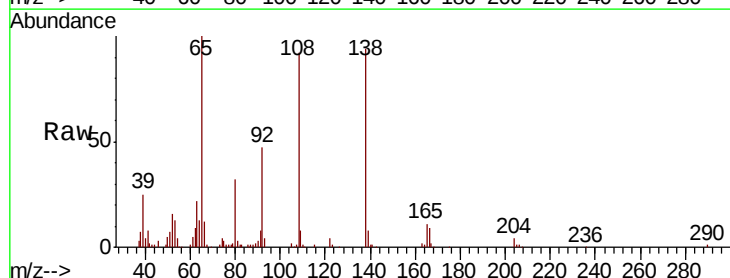
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 39.238 ng
RT: 15.73 min Scan# 2151
Delta R.T. 0.00 min
Lab File: BG043364.D
Acq: 29 Oct 2019 00:04

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.1	28.8	68.8
108	97.3	82.7	122.7

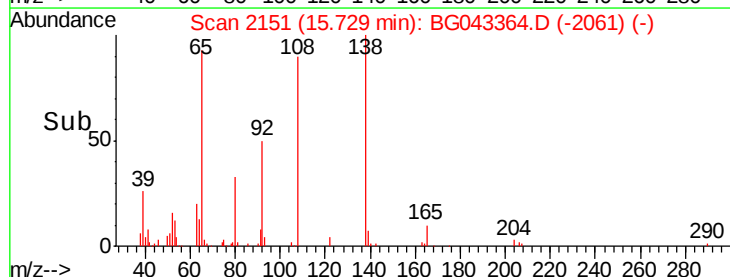
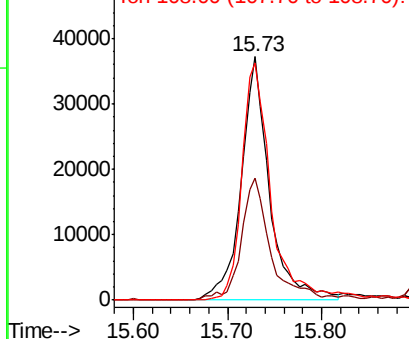


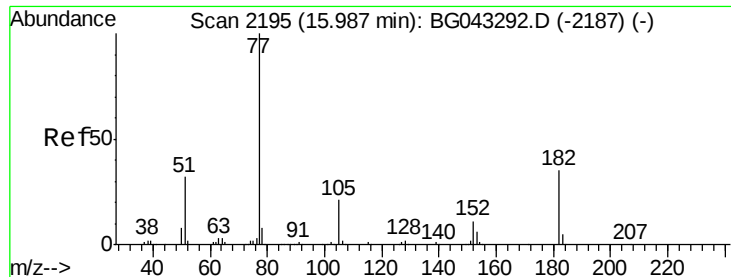
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





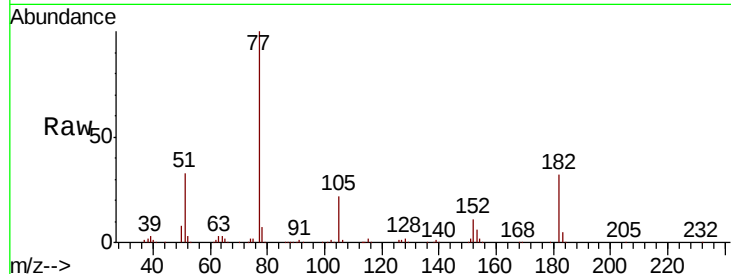
#63
Azobenzene
Concen: 41.749 ng
RT: 15.98 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BG043364.D
Acq: 29 Oct 2019 00:04

Instrument :
BNA_G
ClientSampleId :
162-36-(0-1)MS

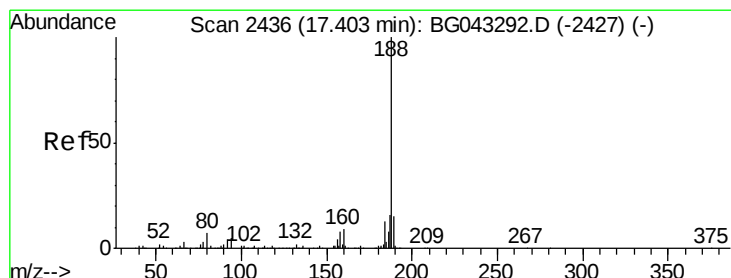
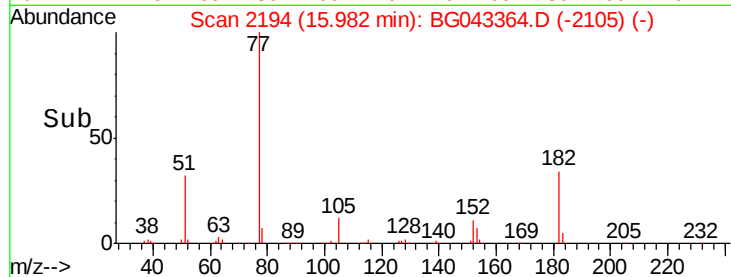
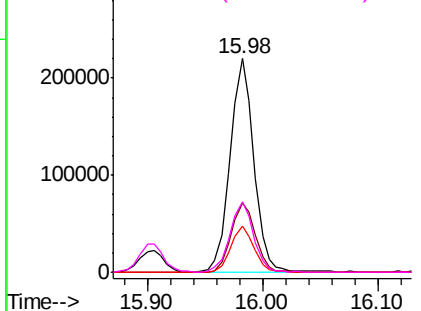
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		310989		
182	32.5	14.9	54.9		
105	21.5	0.6	40.6		
51	32.8	12.5	52.5		

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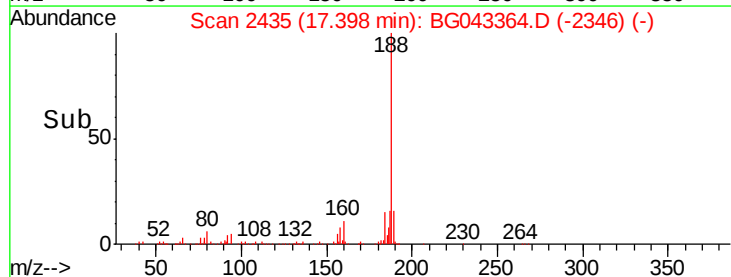
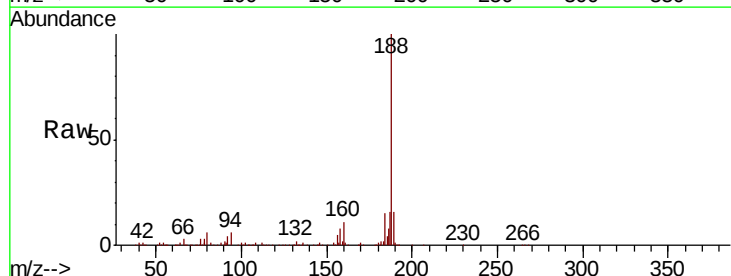
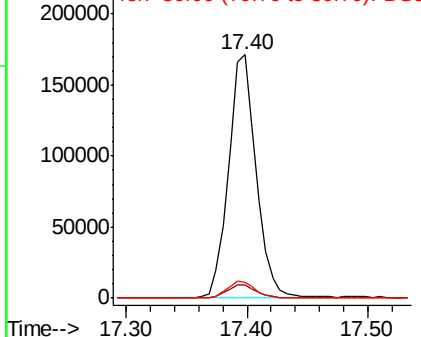
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

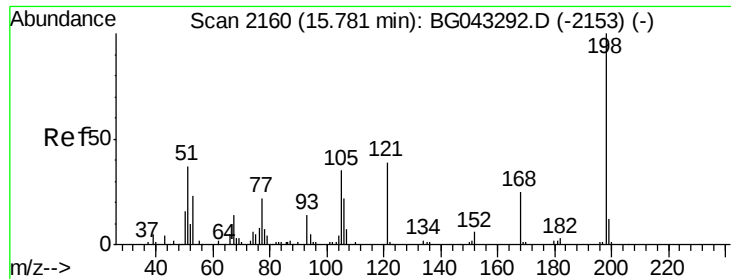


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.00 min
Lab File: BG043364.D
Acq: 29 Oct 2019 00:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		273891		
94	5.6	4.2	6.2		
80	6.3	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: 46.780 ng

RT: 15.78 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BG043364.D

Acq: 29 Oct 2019 00:04

Instrument :

BNA_G

ClientSampleId :

162-36-(0-1)MS

Tot Ion:198 Resp: 75402

Ion Ratio Lower Upper

198 100

51 32.1 21.4 61.4

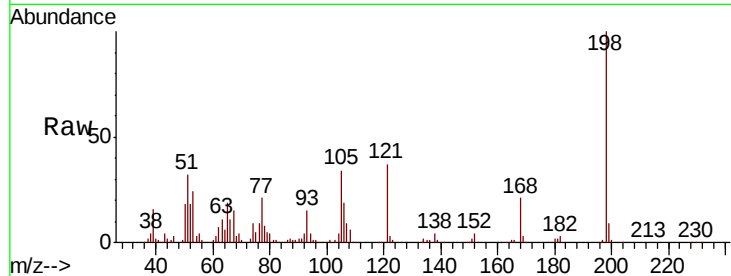
105 33.8 16.5 56.5

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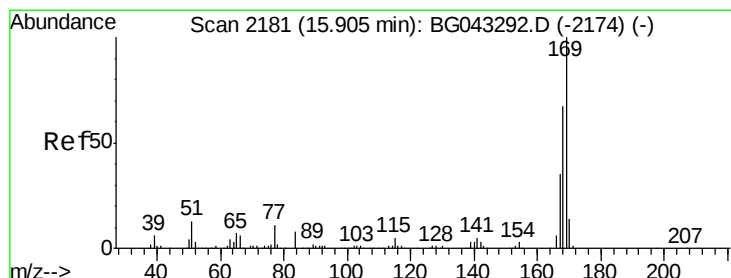
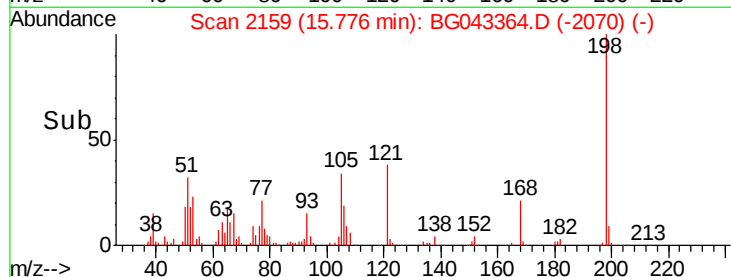
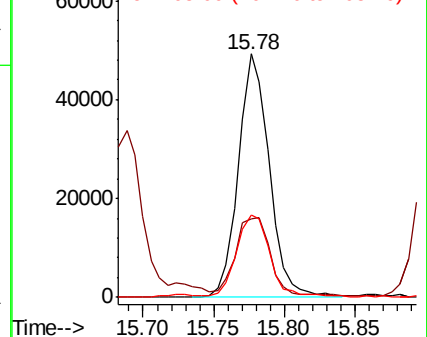
10/29/2019 3:34:42 PM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.241 ng

RT: 15.91 min Scan# 2181

Delta R.T. 0.00 min

Lab File: BG043364.D

Acq: 29 Oct 2019 00:04

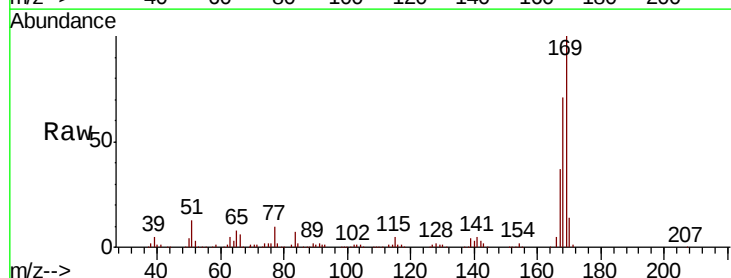
Tgt Ion:169 Resp: 326634

Ion Ratio Lower Upper

169 100

168 70.6 53.9 80.9

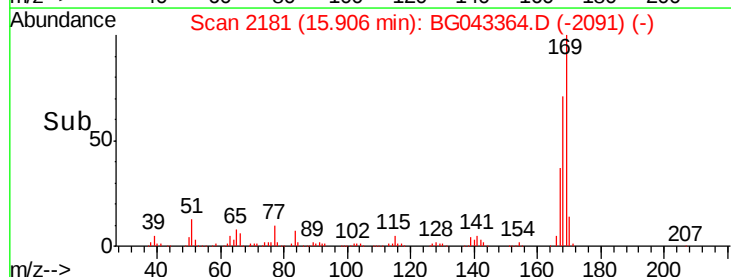
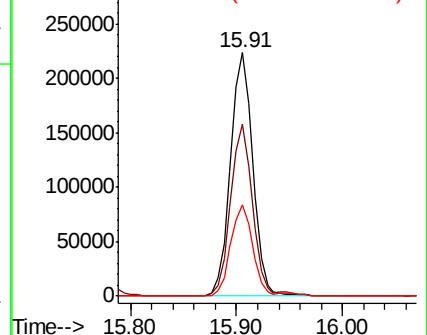
167 37.4 28.3 42.5

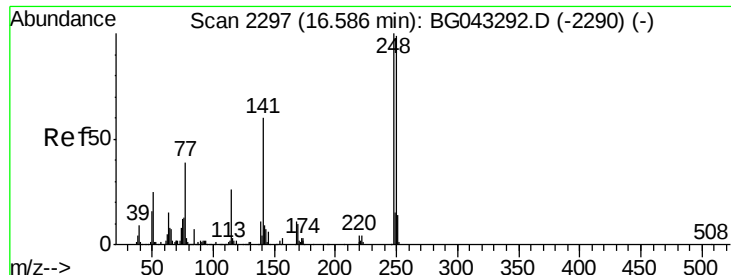


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





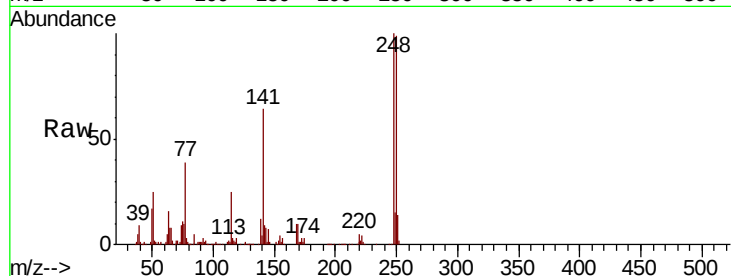
#67
4-Bromophenyl-phenylether
Concen: 41.072 ng
RT: 16.58 min Scan# 2296
Delta R.T. -0.00 min
Lab File: BG043364.D
Acq: 29 Oct 2019 00:04

Instrument :
BNA_G
ClientSampleId :
162-36-(0-1)MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.8	79.3	118.9
141	64.3	47.9	71.9

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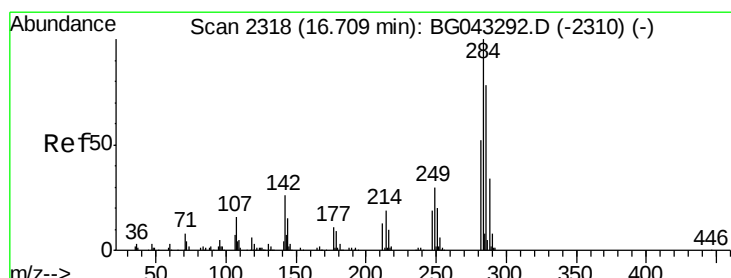
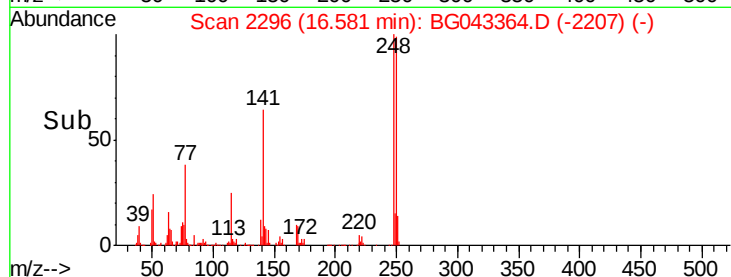
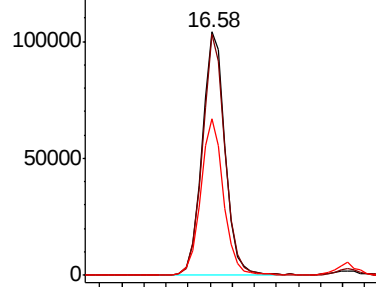


Abundance

Ion 248.00 (247.70 to 248.70): E

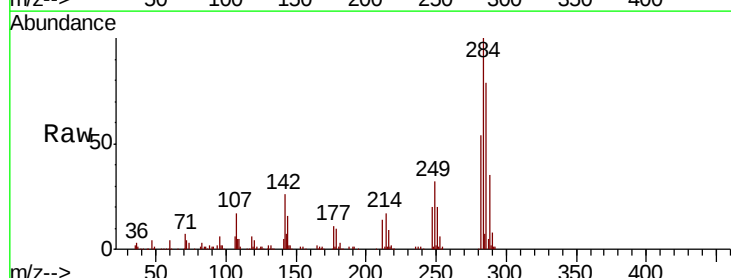
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 39.676 ng
RT: 16.70 min Scan# 2317
Delta R.T. -0.00 min
Lab File: BG043364.D
Acq: 29 Oct 2019 00:04

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.6	21.1	31.7
249	32.0	24.4	36.6

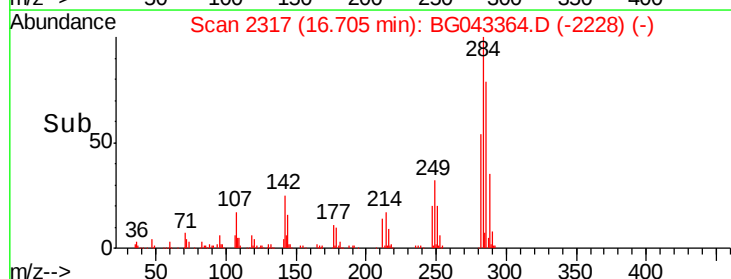
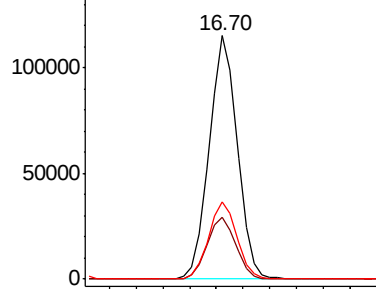


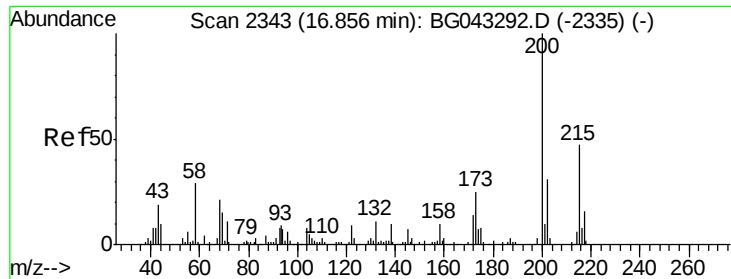
Abundance

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





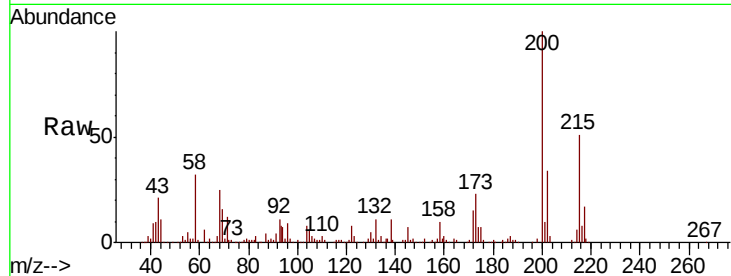
#69
Atrazine
Concen: 53.673 ng
RT: 16.85 min Scan# 2342
Delta R.T. -0.00 min
Lab File: BG043364.D
Acq: 29 Oct 2019 00:04

Instrument :
BNA_G
ClientSampleId :
162-36-(0-1)MS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	23.0	5.1	45.1
215	51.4	26.6	66.6

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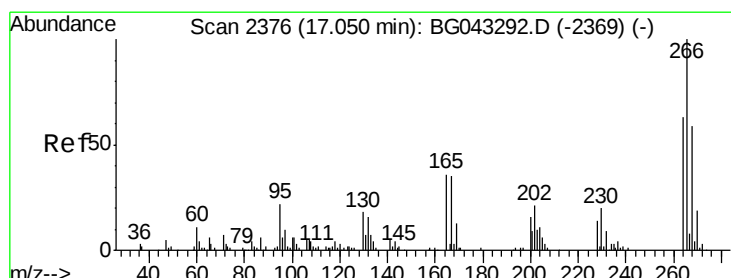
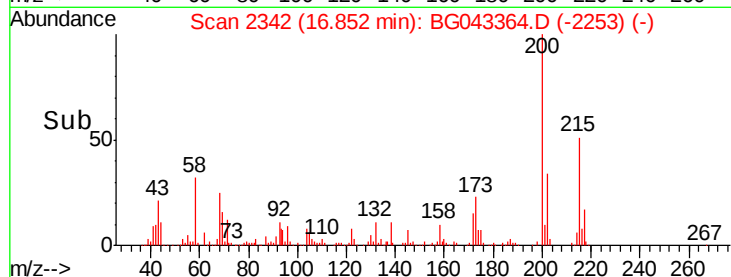
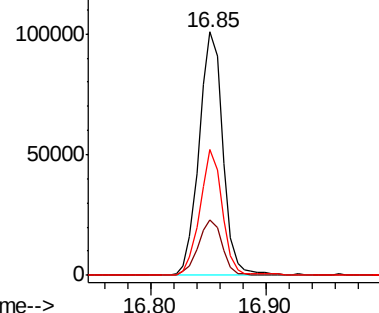


Abundance

Ion 200.00 (199.70 to 200.70): E

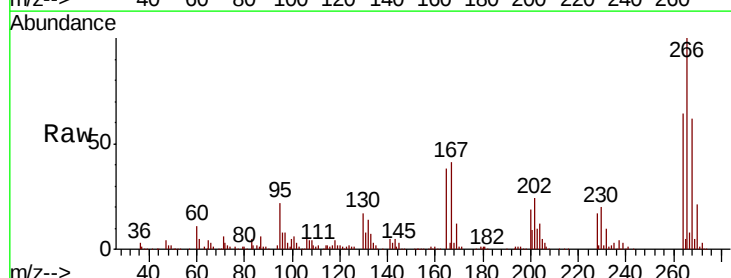
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 96.393 ng
RT: 17.05 min Scan# 2376
Delta R.T. 0.00 min
Lab File: BG043364.D
Acq: 29 Oct 2019 00:04

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	62.4	47.1	70.7
264	64.2	50.4	75.6

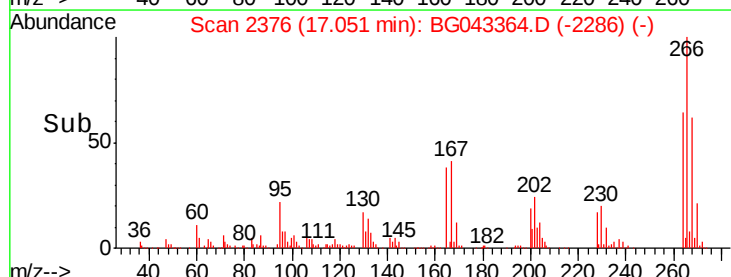
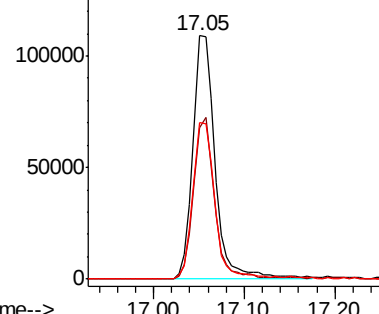


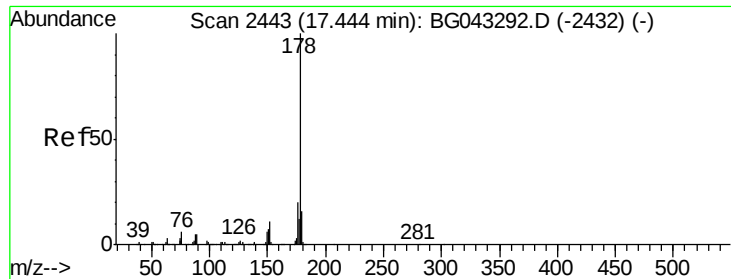
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 45.896 ng

RT: 17.44 min Scan# 2442

Delta R.T. -0.00 min

Lab File: BG043364.D

Acq: 29 Oct 2019 00:04

Instrument :

BNA_G

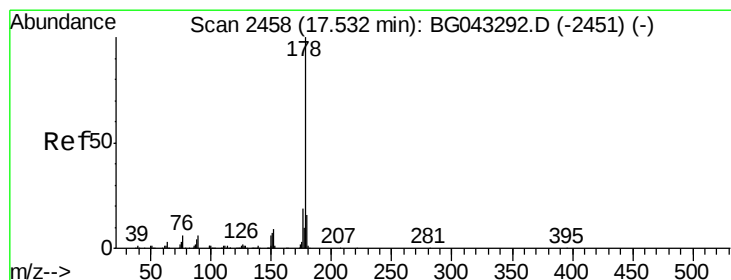
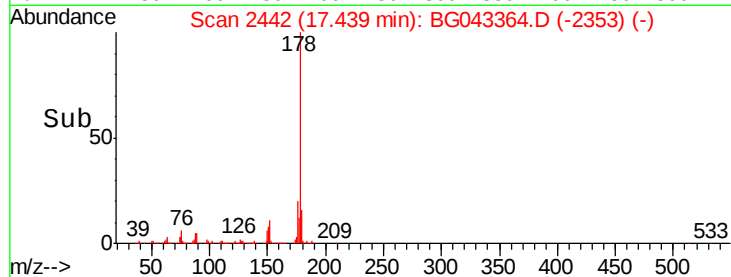
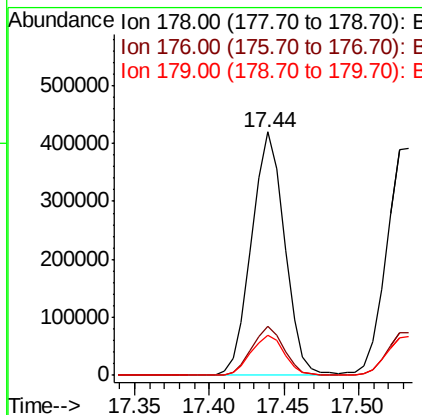
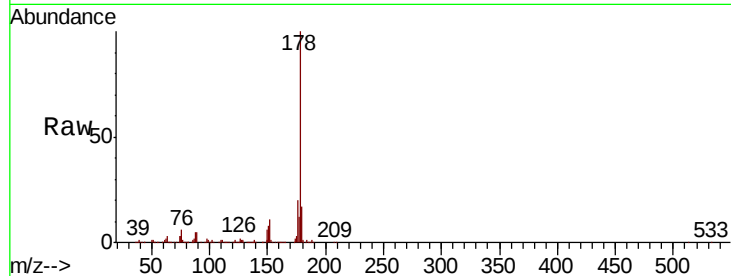
ClientSampleId :

162-36-(0-1)MS

Tot Ion:178	Resp:	643705
Ion Ratio	Lower	Upper
178	100	
176	20.1	15.8 23.8
179	16.5	13.1 19.7

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#72

Anthracene

Concen: 45.442 ng

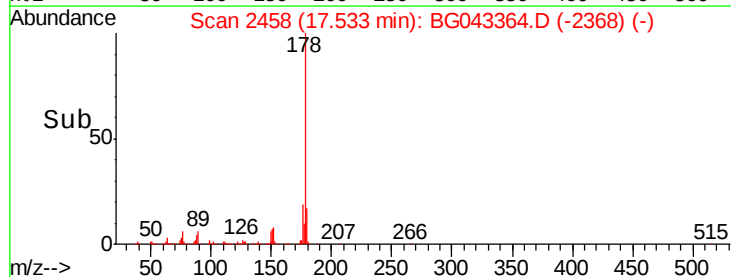
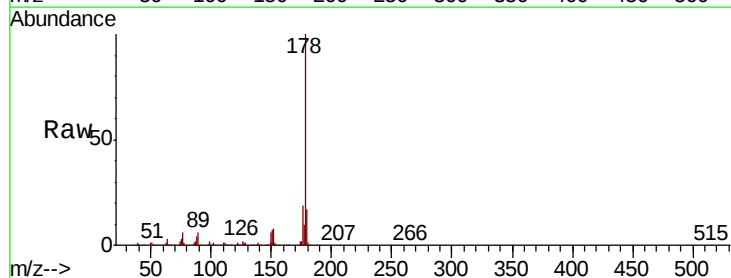
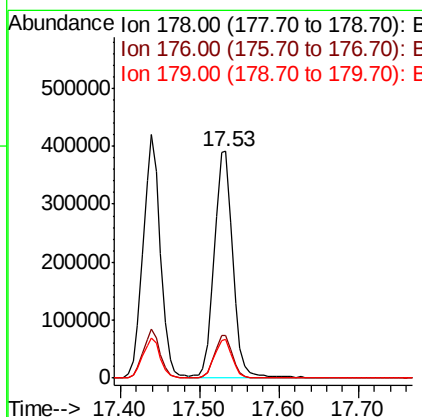
RT: 17.53 min Scan# 2458

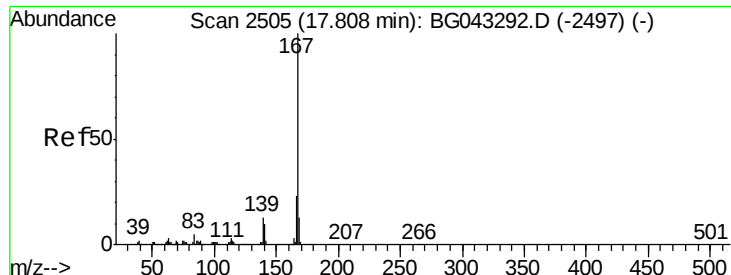
Delta R.T. 0.00 min

Lab File: BG043364.D

Acq: 29 Oct 2019 00:04

Tgt Ion:178	Resp:	637671
Ion Ratio	Lower	Upper
178	100	
176	18.9	15.1 22.7
179	16.8	13.0 19.6





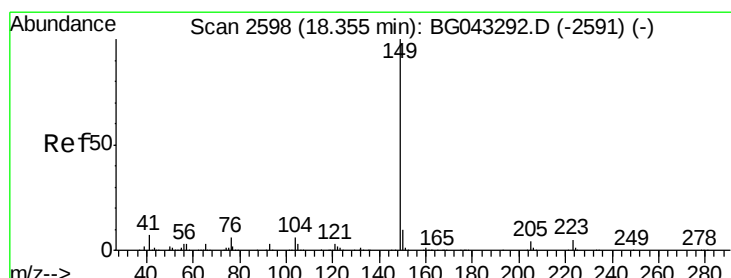
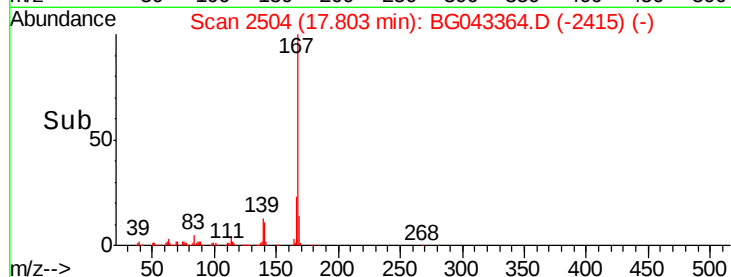
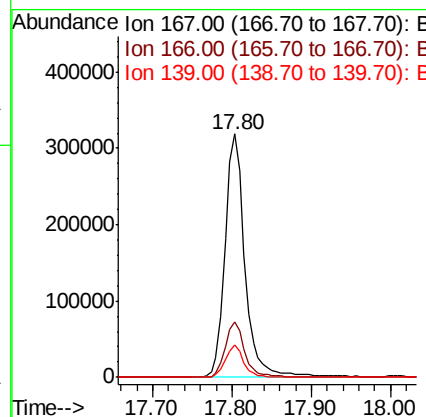
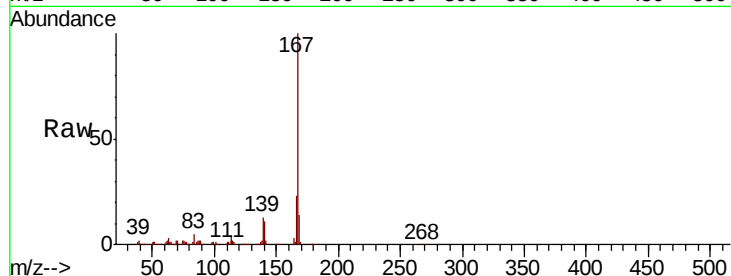
#73
 Carbazole
 Concen: 43.737 ng
 RT: 17.80 min Scan# 2504
 Delta R.T. -0.00 min
 Lab File: BG043364.D
 Acq: 29 Oct 2019 00:04

Instrument :
 BNA_G
 ClientSampleId :
 162-36-(0-1)MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.0	18.4	27.6
139	13.3	10.2	15.4

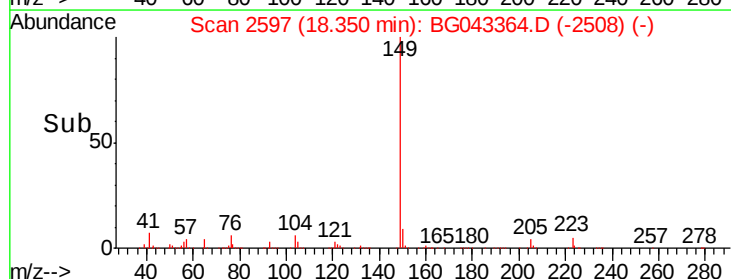
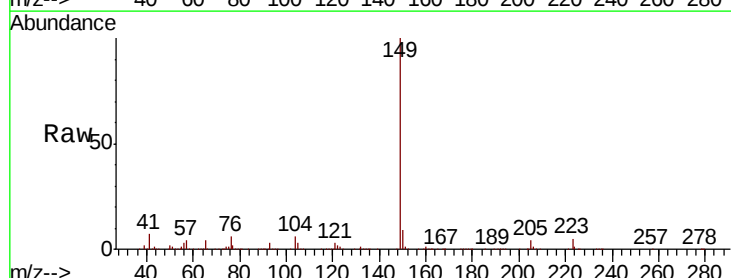
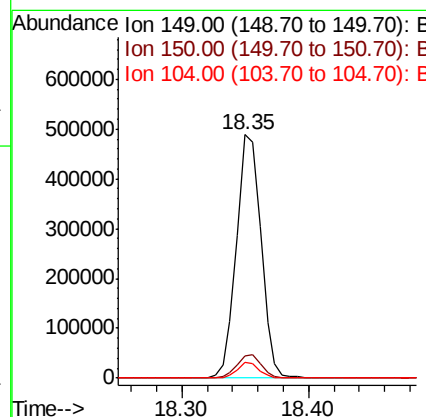
Manual Integrations
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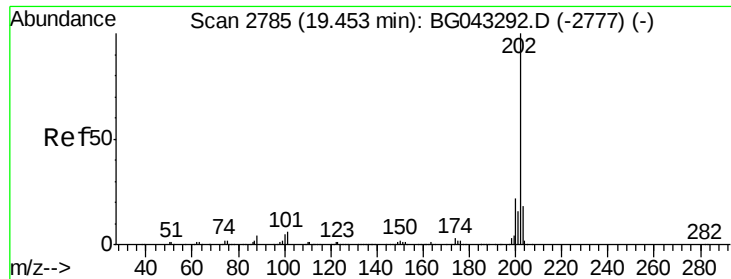
mohammad
 10/29/2019 3:34:42 PM



#74
 Di-n-butylphthalate
 Concen: 42.452 ng
 RT: 18.35 min Scan# 2597
 Delta R.T. -0.00 min
 Lab File: BG043364.D
 Acq: 29 Oct 2019 00:04

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	8.0	12.0
104	6.3	4.7	7.1





#75

Fluoranthene

Concen: 48.416 ng

RT: 19.45 min Scan# 2784

Delta R.T. -0.00 min

Lab File: BG043364.D

Acq: 29 Oct 2019 00:04

Instrument :

BNA_G

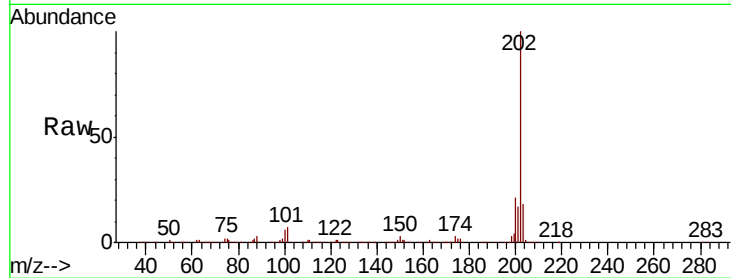
ClientSampleId :

162-36-(0-1)MS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	885262		
101	6.5	0.0	26.0	
203	18.3	0.0	38.2	

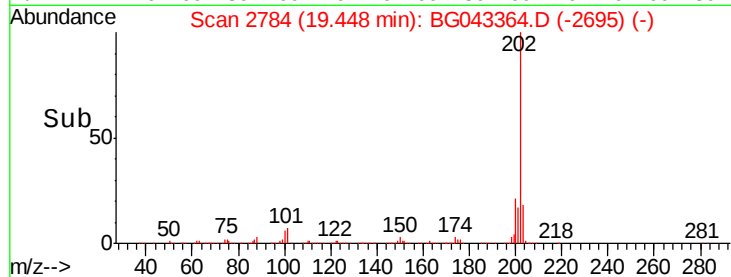
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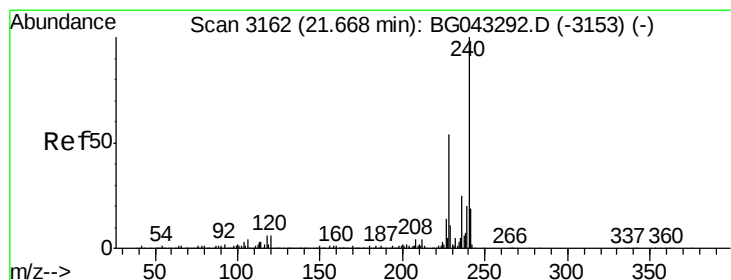


Abundance Ion 202.00 (201.70 to 202.70): E
800000
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

19.45



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

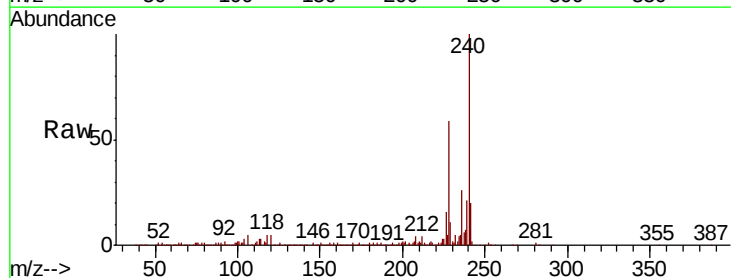
RT: 21.66 min Scan# 3161

Delta R.T. -0.00 min

Lab File: BG043364.D

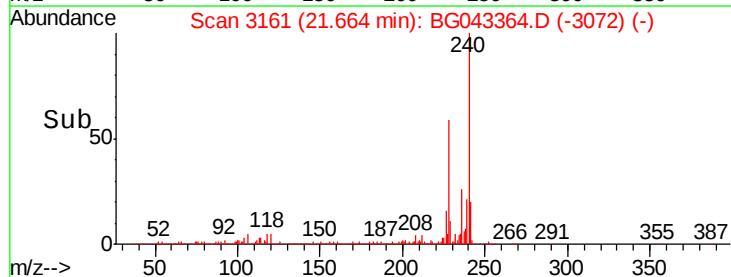
Acq: 29 Oct 2019 00:04

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	309423		
120	5.5	4.6	7.0	
236	26.1	20.2	30.4	

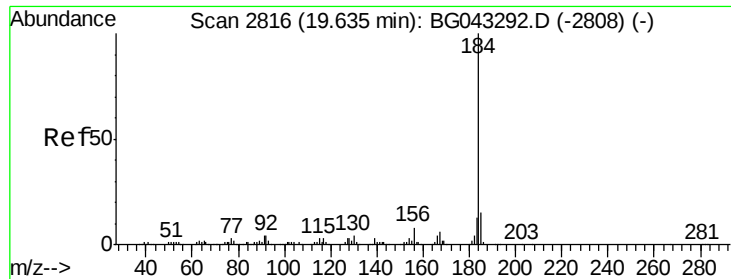


Abundance Ion 240.00 (239.70 to 240.70): E
250000
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

21.66



Time-->



#77

Benzidine

Concen: 53.606 ng

RT: 19.63 min Scan# 2815

Delta R.T. -0.00 min

Lab File: BG043364.D

Acq: 29 Oct 2019 00:04

Instrument :

BNA_G

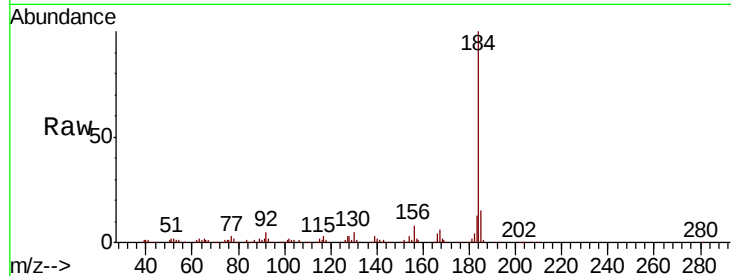
ClientSampleId :

162-36-(0-1)MS

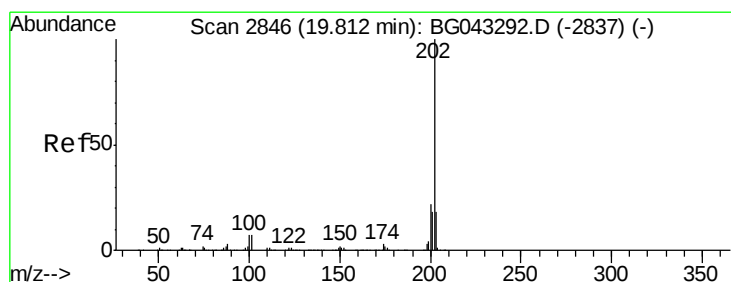
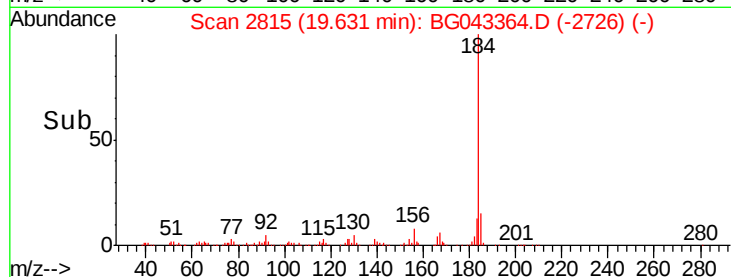
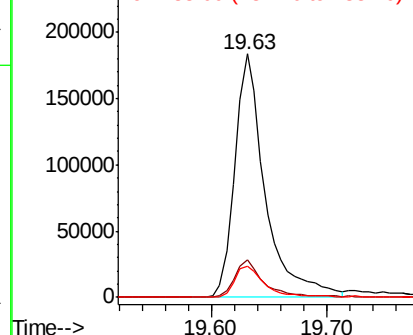
Tot Ion:	184	Resp:	333817
Ion Ratio	Lower	Upper	
184	100		
185	15.2	11.8	17.6
183	12.9	10.6	16.0

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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: 46.017 ng

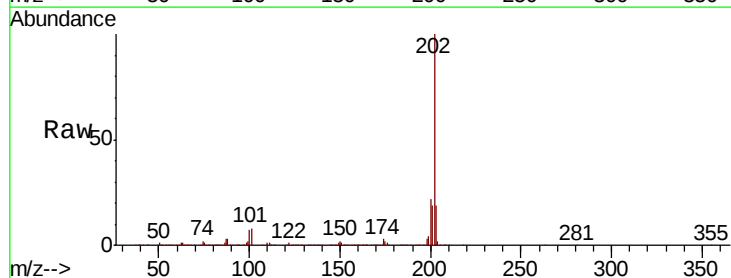
RT: 19.81 min Scan# 2845

Delta R.T. -0.00 min

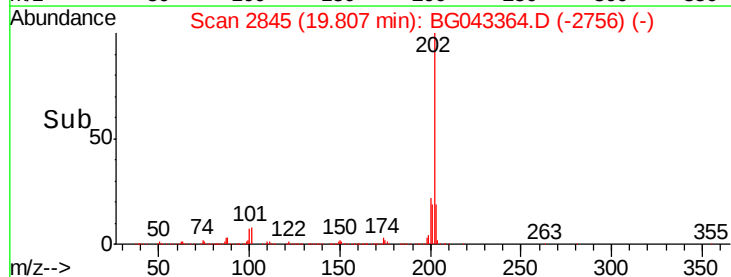
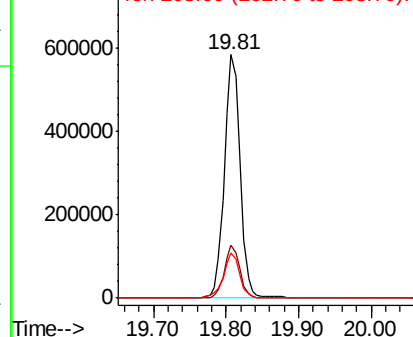
Lab File: BG043364.D

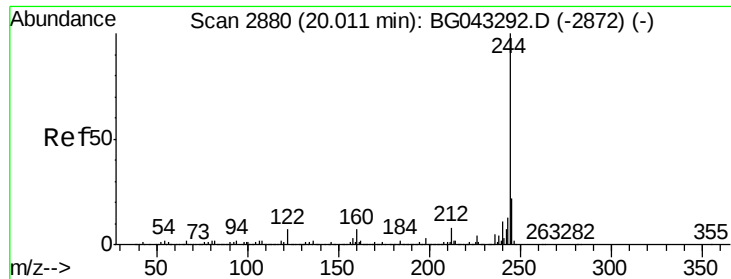
Acq: 29 Oct 2019 00:04

Tgt Ion:	202	Resp:	881360
Ion Ratio	Lower	Upper	
202	100		
200	21.6	17.3	25.9
203	18.7	14.5	21.7



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





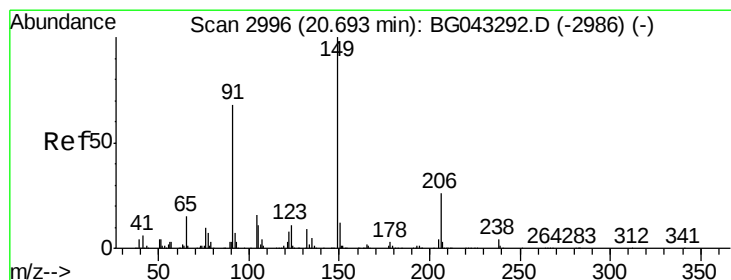
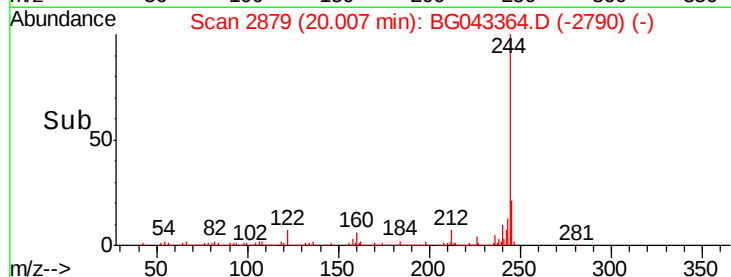
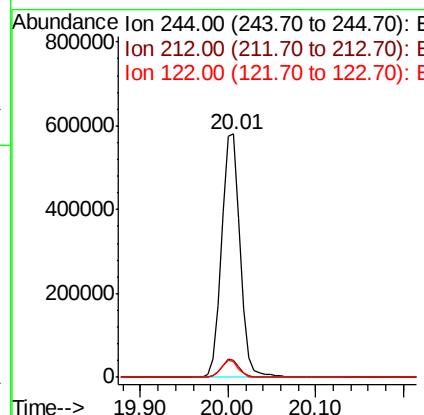
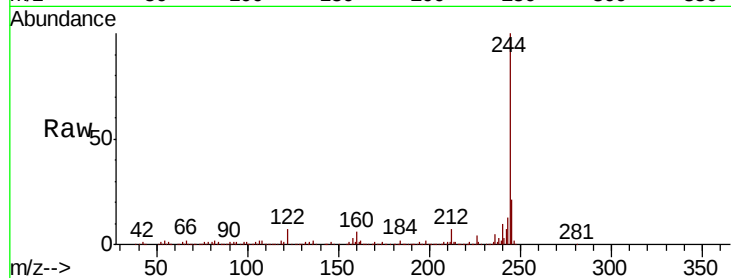
#79
 Terphenyl-d14
 Concen: 51.793 ng
 RT: 20.01 min Scan# 2879
 Delta R.T. -0.00 min
 Lab File: BG043364.D
 Acq: 29 Oct 2019 00:04

Instrument :
 BNA_G
 ClientSampleId :
 162-36-(0-1)MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.4	9.6
122	6.6	5.3	7.9

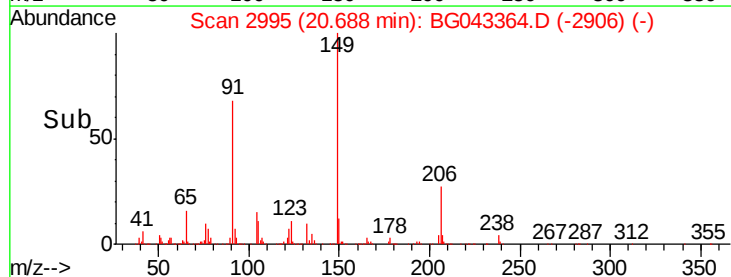
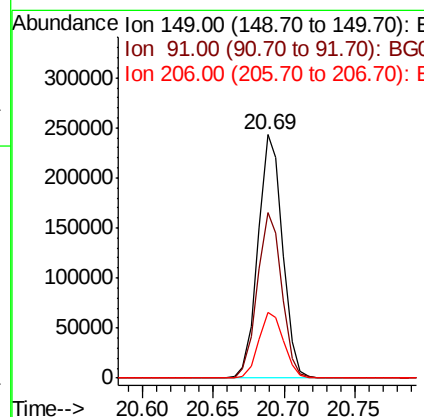
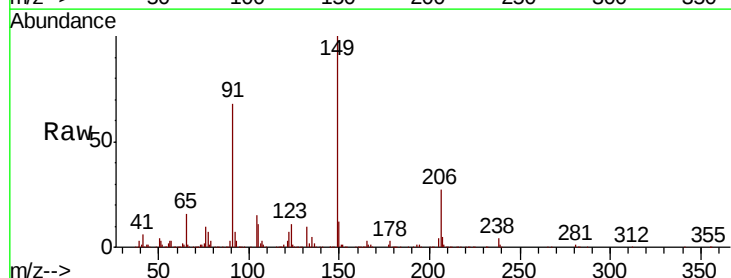
Manual Integrations
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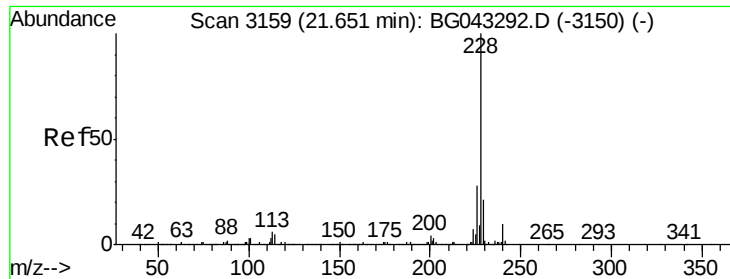
mohammad
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#80
 Butylbenzylphthalate
 Concen: 41.190 ng
 RT: 20.69 min Scan# 2995
 Delta R.T. -0.00 min
 Lab File: BG043364.D
 Acq: 29 Oct 2019 00:04

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.7	54.6	82.0
206	26.8	20.5	30.7





#81

Benzo(a)anthracene

Concen: 44.672 ng

RT: 21.65 min Scan# 3158

Delta R.T. -0.00 min

Lab File: BG043364.D

Acq: 29 Oct 2019 00:04

Instrument :

BNA_G

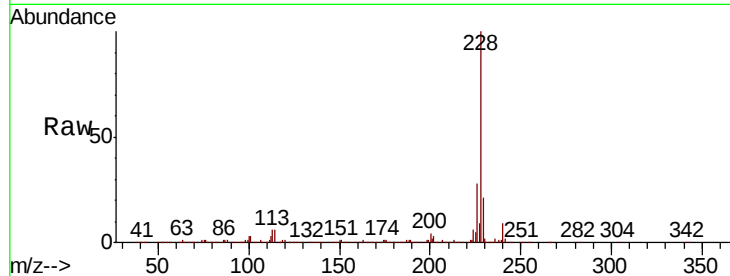
ClientSampleId :

162-36-(0-1)MS

Tot Ion:	228	Resp:	865841
Ion Ratio	Lower	Upper	
228	100		
226	27.7	22.2	33.4
229	21.0	16.9	25.3

Manual Integrations
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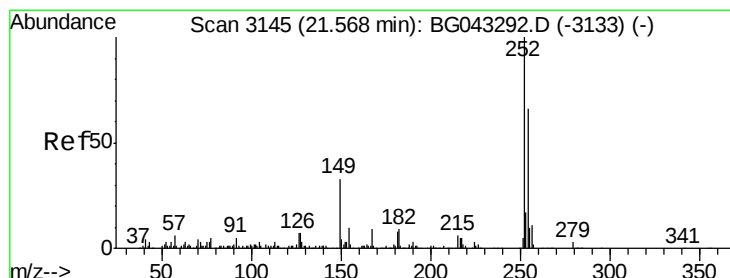
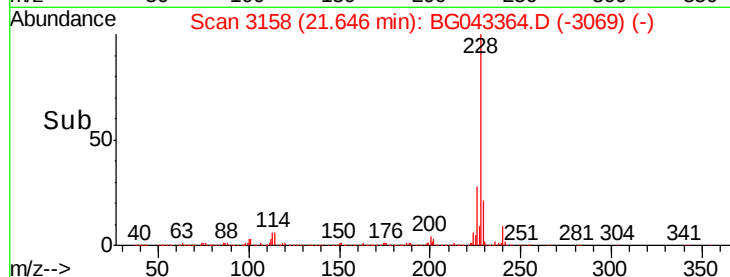
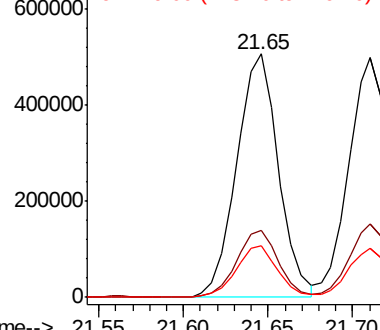


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 32.244 ng

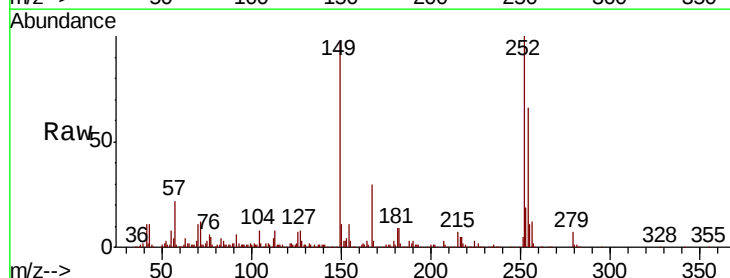
RT: 21.56 min Scan# 3143

Delta R.T. -0.01 min

Lab File: BG043364.D

Acq: 29 Oct 2019 00:04

Tgt Ion:	252	Resp:	241717
Ion Ratio	Lower	Upper	
252	100		
254	65.7	52.7	79.1
126	6.7	5.6	8.4

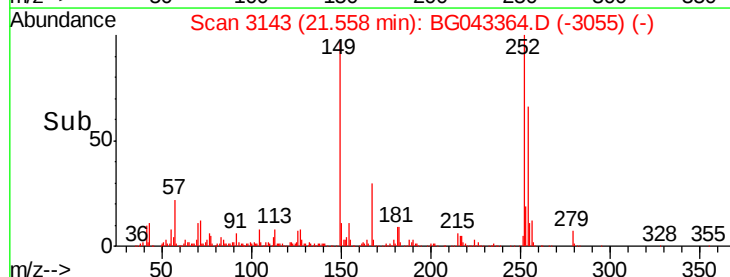
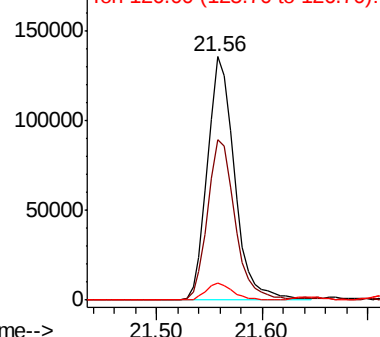


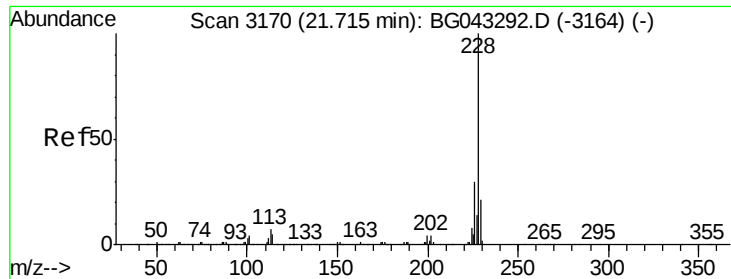
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





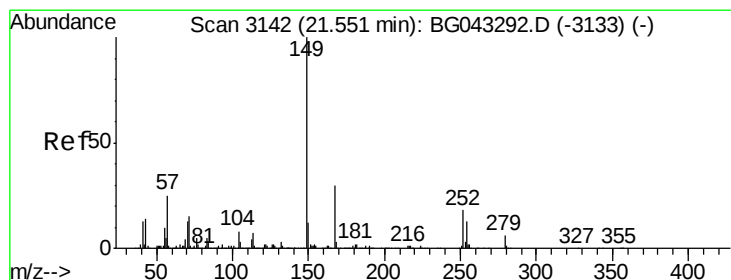
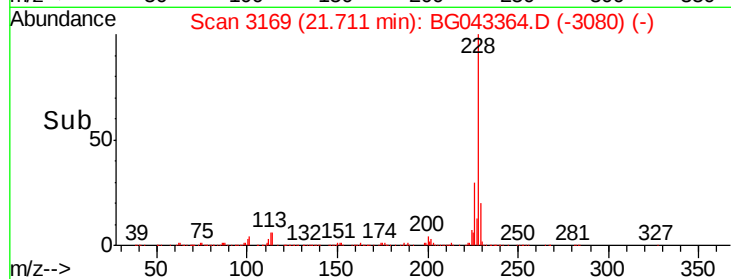
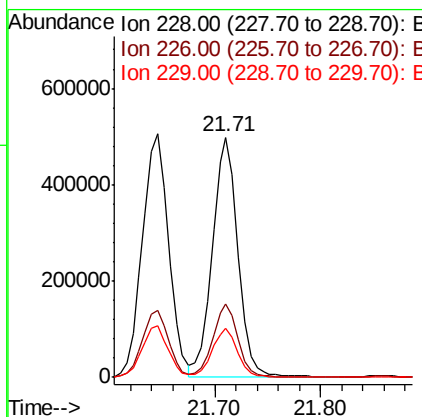
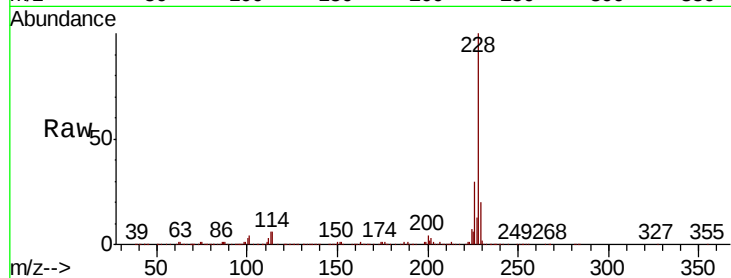
#83
 Chrvsene
 Concen: 43.435 ng
 RT: 21.71 min Scan# 3169
 Delta R.T. -0.00 min
 Lab File: BG043364.D
 Acq: 29 Oct 2019 00:04

Instrument :
 BNA_G
 ClientSampleId :
 162-36-(0-1)MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.8	35.8
229	20.3	16.3	24.5

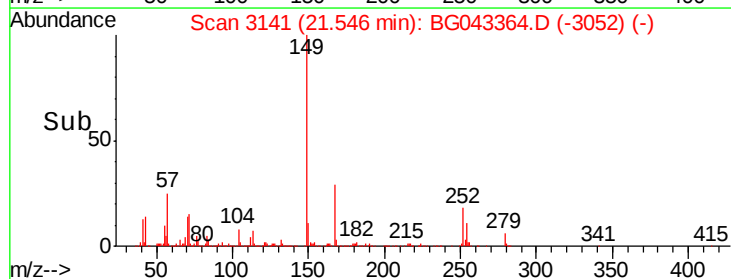
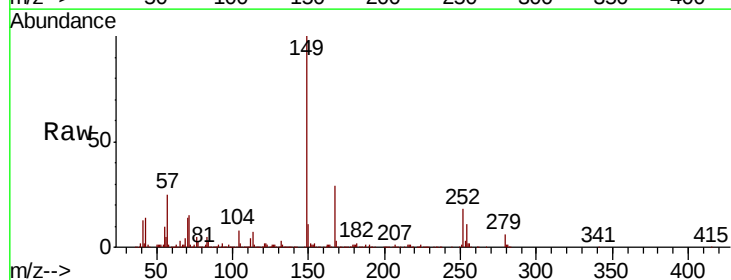
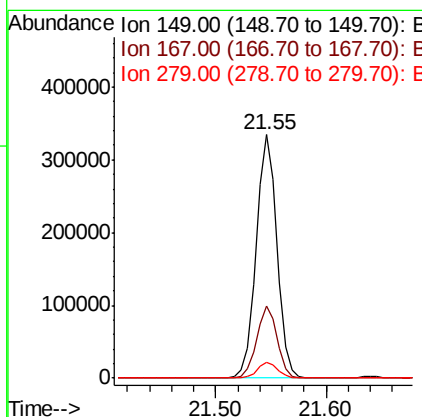
Manual Integrations
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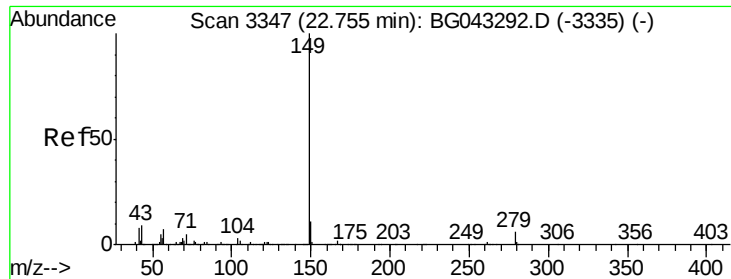
mohammad
 10/29/2019 3:34:42 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.706 ng
 RT: 21.55 min Scan# 3141
 Delta R.T. -0.00 min
 Lab File: BG043364.D
 Acq: 29 Oct 2019 00:04

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.5	23.9	35.9
279	6.3	4.8	7.2





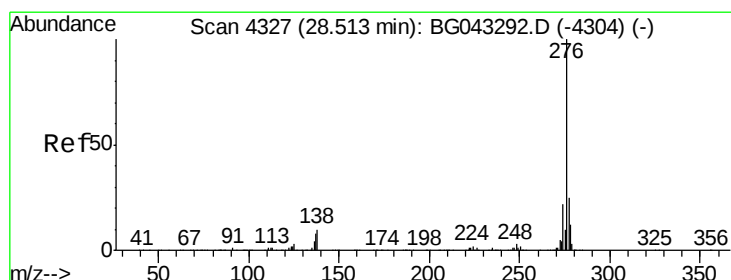
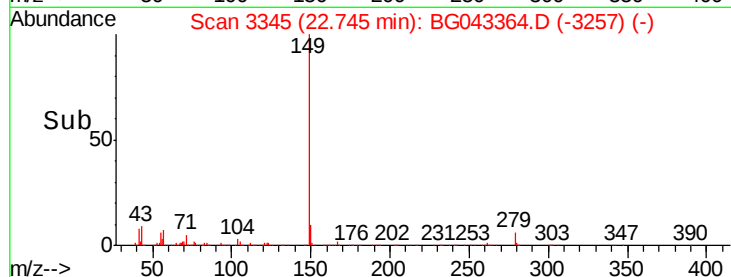
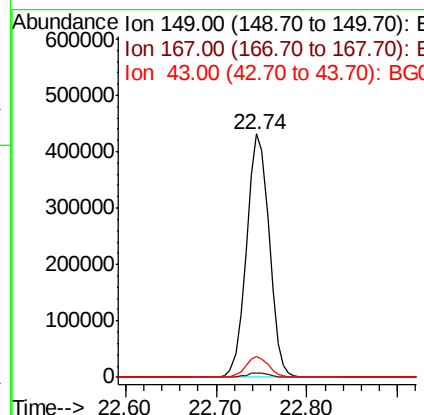
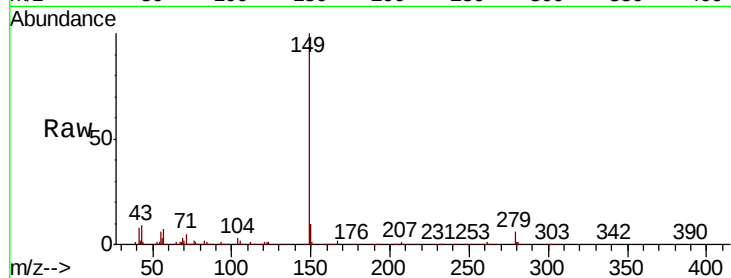
#85
Di-n-octyl phthalate
Concen: 42.756 ng
RT: 22.74 min Scan# 3345
Delta R.T. -0.01 min
Lab File: BG043364.D
Acq: 29 Oct 2019 00:04

Instrument :
BNA_G
ClientSampleId :
162-36-(0-1)MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	747710		
167	1.7		1.4	2.0
43	8.6		6.9	10.3

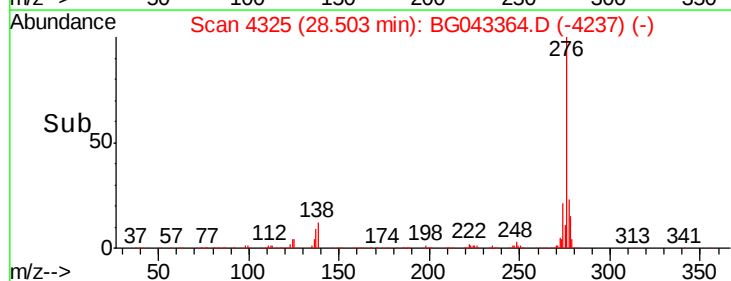
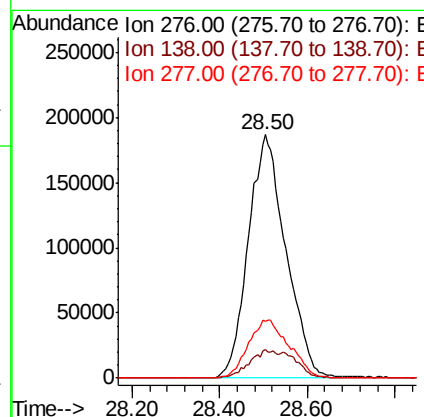
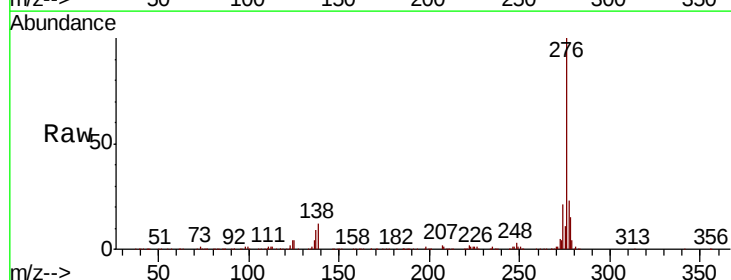
Manual Integrations
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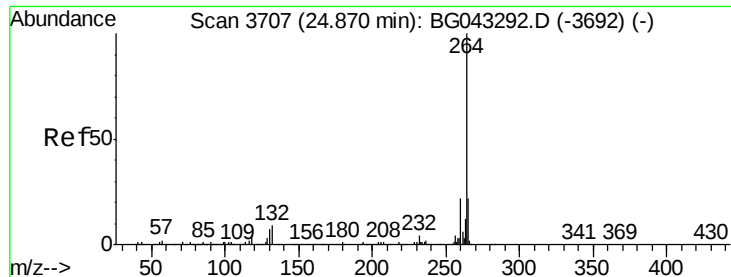
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 45.047 ng
RT: 28.50 min Scan# 4325
Delta R.T. -0.01 min
Lab File: BG043364.D
Acq: 29 Oct 2019 00:04

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	1088925		
138	8.3		7.2	10.8
277	25.8		20.9	31.3





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.86 min Scan# 3705

Delta R.T. -0.01 min

Lab File: BG043364.D

Acq: 29 Oct 2019 00:04

Instrument :

BNA_G

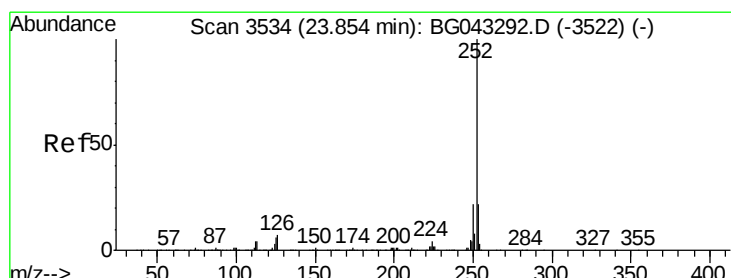
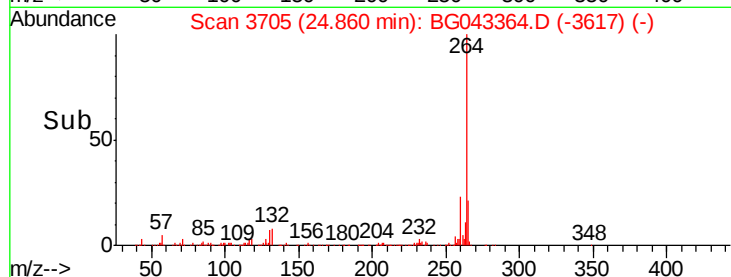
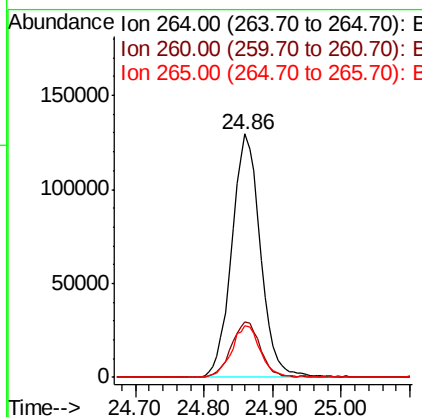
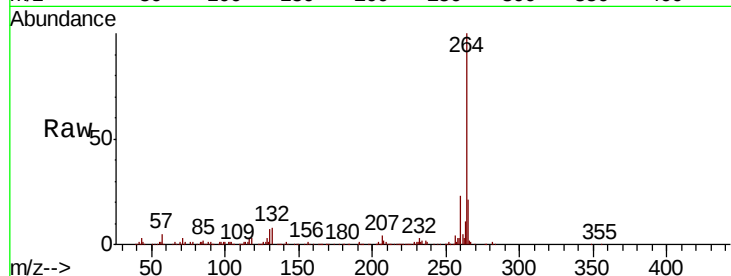
ClientSampleId :

162-36-(0-1)MS

Tot Ion:	264	Resp:	374583
Ion Ratio	Lower	Upper	
264	100		
260	23.0	17.9	26.9
265	21.4	17.4	26.2

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#88

Benzo(b)fluoranthene

Concen: 42.815 ng

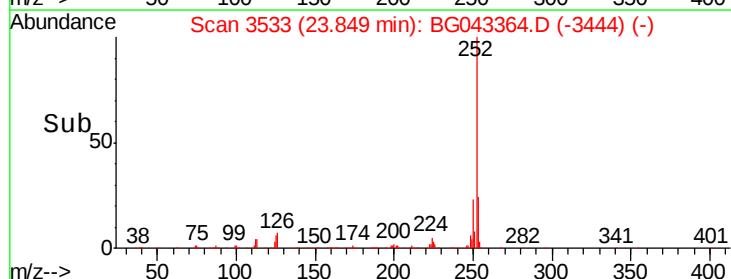
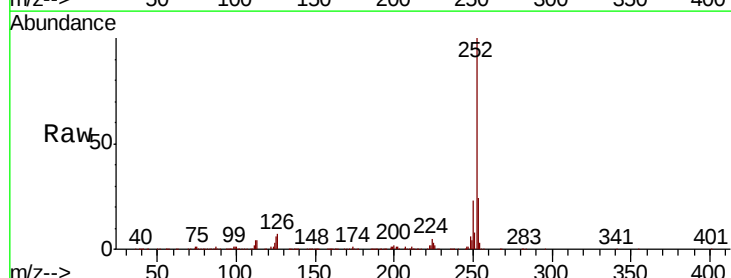
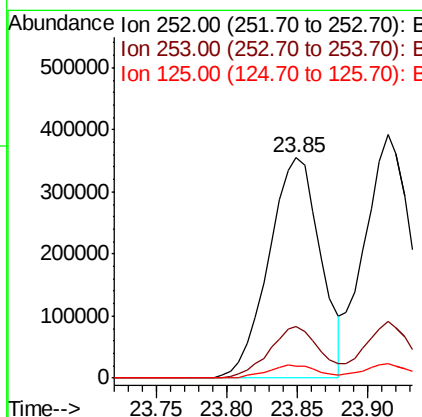
RT: 23.85 min Scan# 3533

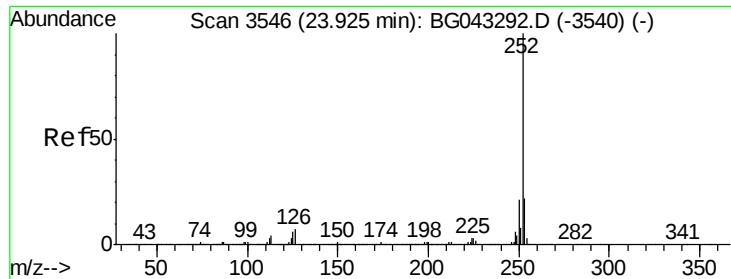
Delta R.T. -0.00 min

Lab File: BG043364.D

Acq: 29 Oct 2019 00:04

Tgt Ion:	252	Resp:	908335
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.4	26.2
125	5.7	5.0	7.6





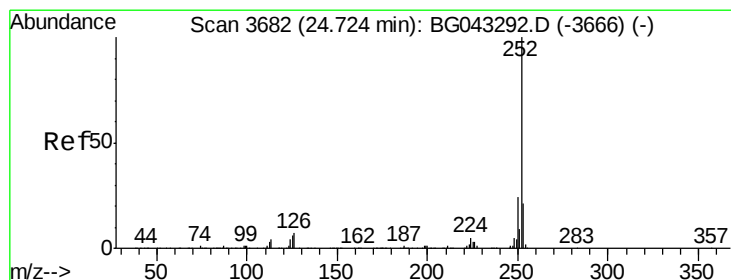
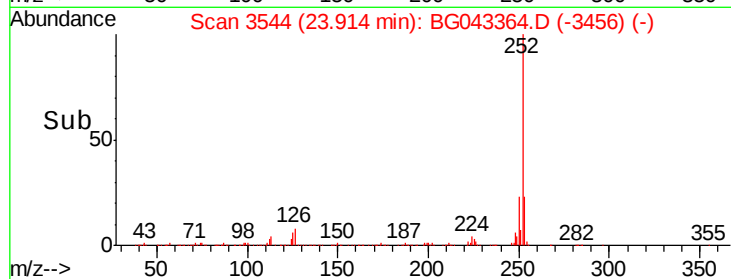
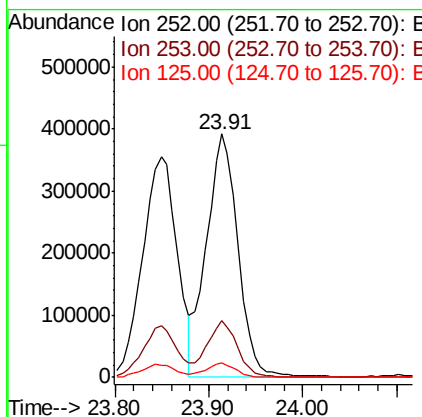
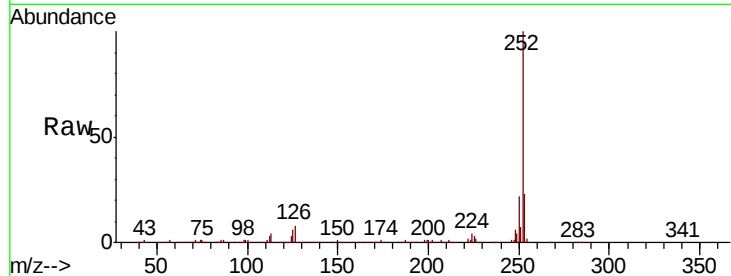
#89
Benzo(k)fluoranthene
Concen: 42.769 ng
RT: 23.91 min Scan# 3544
Delta R.T. -0.01 min
Lab File: BG043364.D
Acq: 29 Oct 2019 00:04

Instrument :
BNA_G
ClientSampleId :
162-36-(0-1)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.6	26.4
125	6.1	4.5	6.7

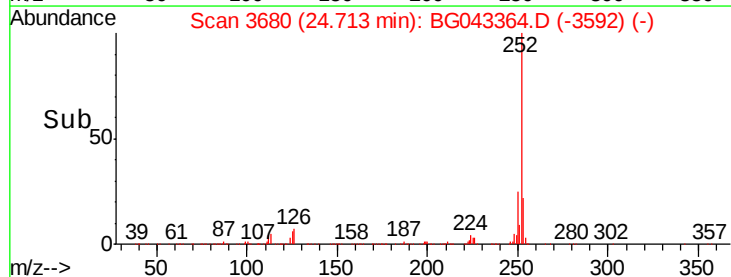
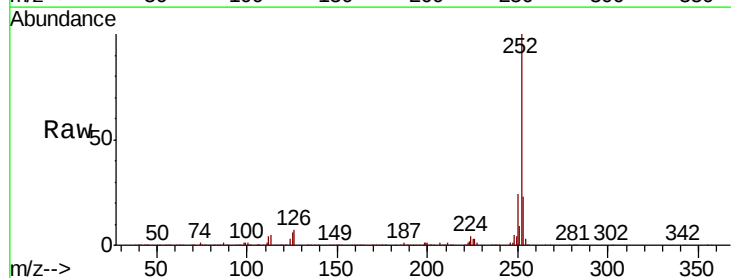
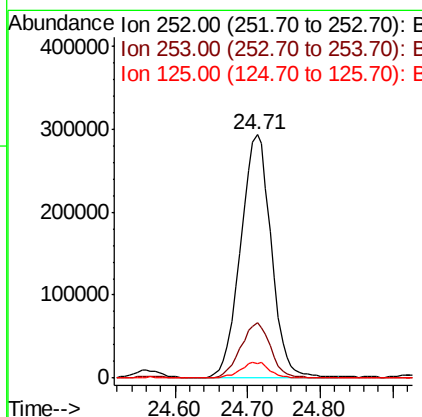
Manual Integrations
APPROVED

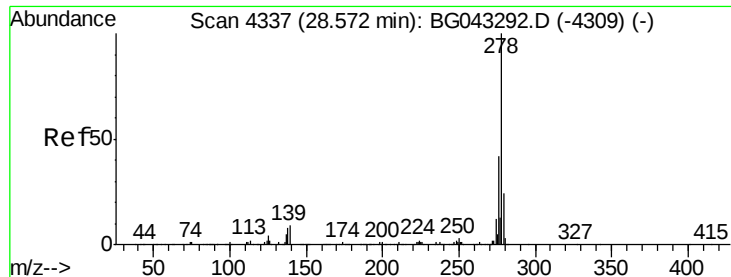
mohammad
10/29/2019 3:34:42 PM



#90
Benzo(a)pyrene
Concen: 42.403 ng
RT: 24.71 min Scan# 3680
Delta R.T. -0.01 min
Lab File: BG043364.D
Acq: 29 Oct 2019 00:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	6.0	5.0	7.6





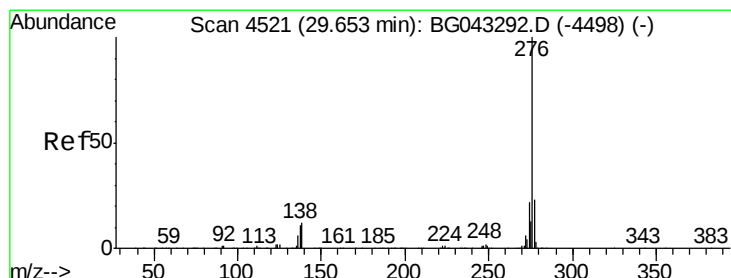
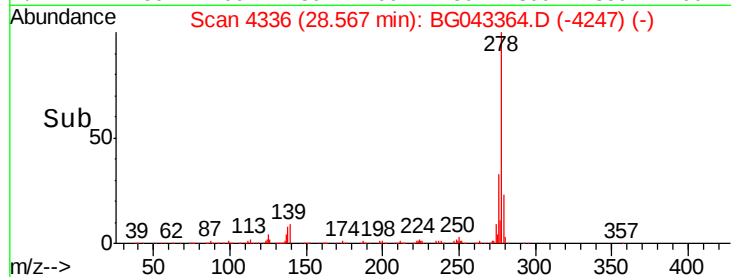
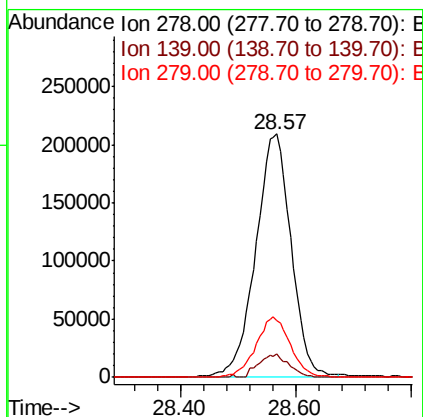
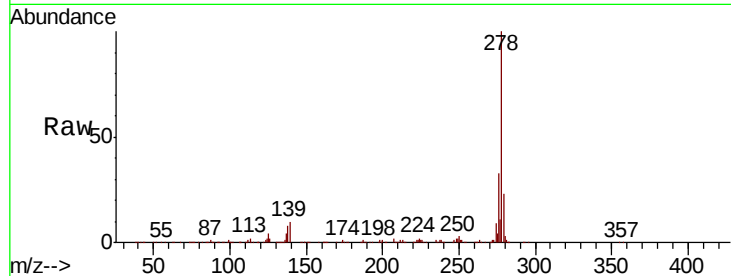
#91
Dibenzo(a,h)anthracene
Concen: 43.063 ng
RT: 28.57 min Scan# 4336
Delta R.T. -0.00 min
Lab File: BG043364.D
Acq: 29 Oct 2019 00:04

Instrument :
BNA_G
ClientSampleId :
162-36-(0-1)MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.5	6.8	10.2
279	23.3	19.0	28.6

Manual Integrations
APPROVED

mohammad
10/29/2019 3:34:42 PM



#92
Benzo(g,h,i)perylene
Concen: 45.113 ng
RT: 29.65 min Scan# 4520
Delta R.T. -0.00 min
Lab File: BG043364.D
Acq: 29 Oct 2019 00:04

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.3	27.5
138	11.2	9.3	13.9

