

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102919\
 Data File : BG043392.D
 Acq On : 30 Oct 2019 3:57
 Operator : JU
 Sample : K5140-09MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-102519MS

Manual Integrations
 APPROVED

mohammad
 10/30/2019 4:54:42 PM

Quant Time: Oct 30 09:05:24 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	8.03	152	44285	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	168213	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	118180	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	271714	20.00	ng	0.00
76) Chrysene-d12	21.66	240	310433	20.00	ng	0.00
87) Perylene-d12	24.86	264	370245	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	337030	139.46	ng	0.01
7) Phenol-d6	7.21	99	457057	131.45	ng	0.01
23) Nitrobenzene-d5	9.19	82	286272	87.74	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	290652	129.24	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	734685	85.90	ng	0.00
79) Terphenyl-d14	20.01	244	1451701	87.73	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	36683	38.951	ng	# 51
3) Pyridine	3.91	79	74117	31.198	ng	98
4) n-Nitrosodimethylamine	3.81	42	57633	48.076	ng	93
6) Aniline	7.36	93	32305	8.065	ng	92
8) 2-Chlorophenol	7.60	128	127610	47.834	ng	97
9) Benzaldehyde	7.16	77	32349	18.931	ng	90
10) Phenol	7.24	94	155268	48.867	ng	99
11) bis(2-Chloroethyl)ether	7.44	93	105261	42.849	ng	95
12) 1,3-Dichlorobenzene	7.91	146	136159	40.736	ng	95
13) 1,4-Dichlorobenzene	8.06	146	142965	42.275	ng	99
14) 1,2-Dichlorobenzene	8.38	146	133848	40.536	ng	96
15) Benzyl Alcohol	8.27	79	111170	45.525	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.55	45	144685	40.505	ng	97
17) 2-Methylphenol	8.48	107	106854	46.132	ng	94
18) Hexachloroethane	9.11	117	48842	40.031	ng	97
19) n-Nitroso-di-n-propylamine	8.83	70	94454	42.039	ng	# 96
20) 3+4-Methylphenols	8.82	107	142685	44.923	ng	90
22) Acetophenone	8.85	105	186087	43.198	ng	# 99
24) Nitrobenzene	9.23	77	142961	45.995	ng	96
25) Isophorone	9.75	82	263975	44.252	ng	98
26) 2-Nitrophenol	9.94	139	73882	49.235	ng	99
27) 2,4-Dimethylphenol	10.01	122	114356	53.170	ng	97
28) bis(2-Chloroethoxy)methane	10.23	93	144566	43.909	ng	94
29) 2,4-Dichlorophenol	10.49	162	131648	47.773	ng	90
30) 1,2,4-Trichlorobenzene	10.69	180	151809	43.709	ng	98
31) Naphthalene	10.88	128	393236	46.055	ng	99
32) Benzoic acid	10.18	122	65844	41.585	ng	94
33) 4-Chloroaniline	11.01	127	9287	2.653	ng	# 87
34) Hexachlorobutadiene	11.16	225	108148	42.123	ng	95
35) Caprolactam	11.76	113	40255m	42.415	ng	
36) 4-Chloro-3-methylphenol	12.13	107	143767	47.829	ng	98
37) 2-Methylnaphthalene	12.48	142	296536	45.263	ng	100
38) 1-Methylnaphthalene	12.70	142	285128m	45.742	ng	
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	191912	43.879	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	194860	84.813	nq	98
43) 2,4,6-Trichlorophenol	13.10	196	124254	48.241	nq	98
44) 2,4,5-Trichlorophenol	13.18	196	136728	52.507	nq	96
46) 1,1'-Biphenyl	13.48	154	401945	44.708	nq	99
47) 2-Chloronaphthalene	13.53	162	310653	45.413	nq	99
48) 2-Nitroaniline	13.74	65	94304	46.125	nq	96
49) Acenaphthylene	14.38	152	503305	47.275	nq	98
50) Dimethylphthalate	14.11	163	412801	45.096	nq	98
51) 2,6-Dinitrotoluene	14.22	165	92241	46.384	nq	94
52) Acenaphthene	14.72	154	301142	46.383	nq	98
53) 3-Nitroaniline	14.57	138	28737	14.967	nq	96
54) 2,4-Dinitrophenol	14.76	184	87380	71.242	nq	92
55) Dibenzofuran	15.05	168	485683	46.129	nq	100
56) 4-Nitrophenol	14.90	139	140543	109.231	nq	96
57) 2,4-Dinitrotoluene	15.01	165	130911	46.063	nq	99
58) Fluorene	15.70	166	404844	45.846	nq	95
59) 2,3,4,6-Tetrachlorophenol	15.28	232	136189	49.226	nq	# 98
60) Diethylphthalate	15.46	149	401851	43.691	nq	98
61) 4-Chlorophenyl-phenylether	15.69	204	232463	45.125	nq	97
62) 4-Nitroaniline	15.73	138	75313	37.982	nq	95
63) Azobenzene	15.98	77	341444	45.869	nq	97
65) 4,6-Dinitro-2-methylphenol	15.78	198	73627	46.044	nq	99
66) n-Nitrosodiphenylamine	15.90	169	358959	46.793	nq	99
67) 4-Bromophenyl-phenylether	16.58	248	166629	45.569	nq	96
68) Hexachlorobenzene	16.71	284	188374	44.879	nq	97
69) Atrazine	16.85	200	138568	51.984	nq	92
70) Pentachlorophenol	17.06	266	216203	113.042	nq	95
71) Phenanthrene	17.44	178	648451	46.605	nq	99
72) Anthracene	17.53	178	666696	47.891	nq	99
73) Carbazole	17.80	167	596281	47.299	nq	100
74) Di-n-butylphthalate	18.35	149	722122	47.209	nq	98
75) Fluoranthene	19.45	202	862116	47.527	nq	99
77) Benzidine	19.65	184	28338	4.536	nq	# 91
78) Pyrene	19.81	202	876074	45.592	nq	100
80) Butylbenzylphthalate	20.69	149	338352	46.477	nq	98
81) Benzo(a)anthracene	21.64	228	926099	47.626	nq	99
82) 3,3'-Dichlorobenzidine	21.56	252	144809	19.254	nq	98
83) Chrysene	21.71	228	908038	46.999	nq	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	490831	47.463	nq	98
85) Di-n-octyl phthalate	22.74	149	851541	48.535	nq	100
86) Indeno(1,2,3-cd)pyrene	28.50	276	1179071	48.618	nq	99
88) Benzo(b)fluoranthene	23.85	252	974409	46.468	nq	98
89) Benzo(k)fluoranthene	23.91	252	1009940	47.841	nq	99
90) Benzo(a)pyrene	24.71	252	906386	45.264	nq	97
91) Dibenzo(a,h)anthracene	28.57	278	1005794	49.106	nq	100
92) Benzo(g,h,i)perylene	29.65	276	990053	49.004	nq	98

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

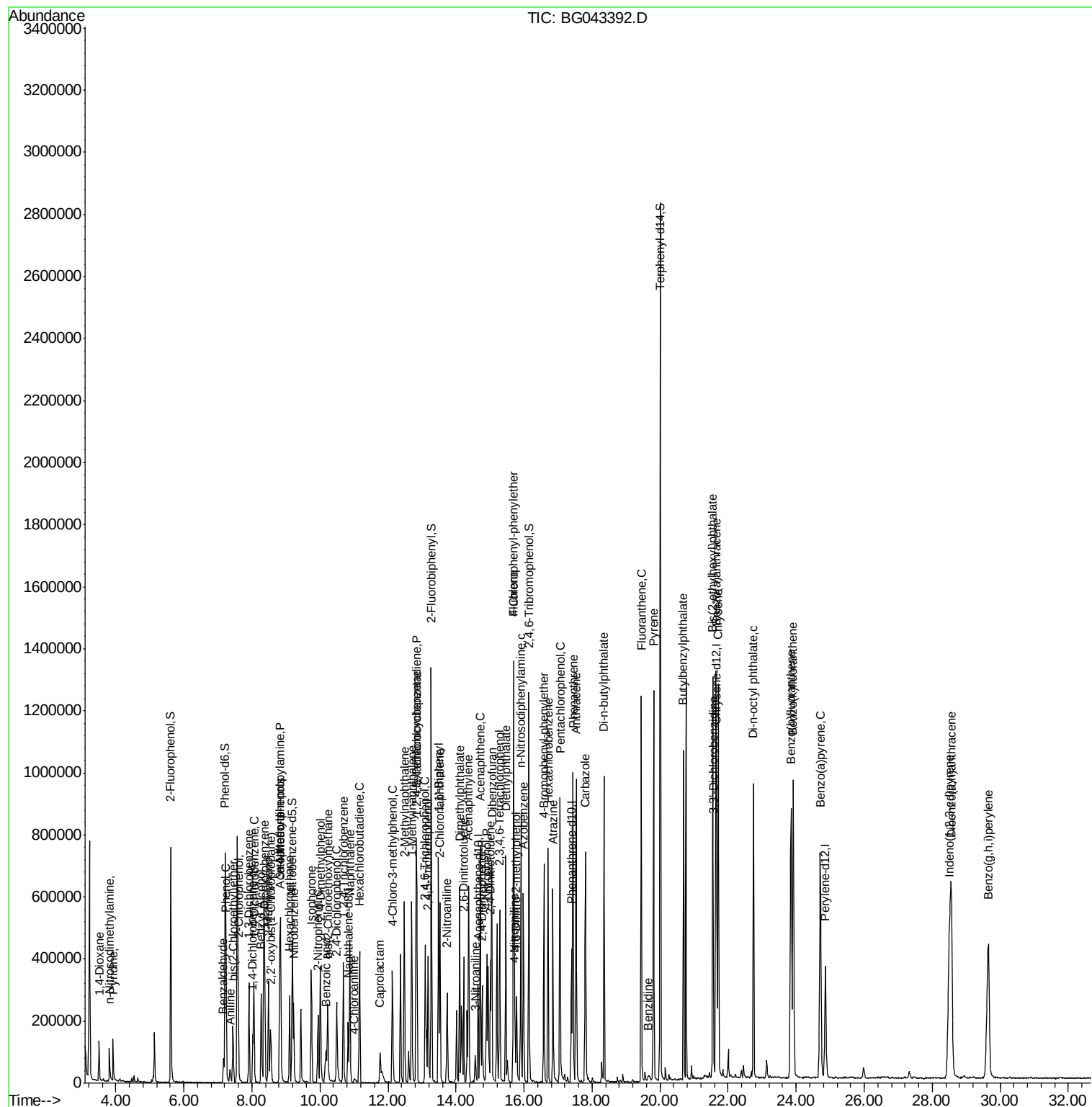
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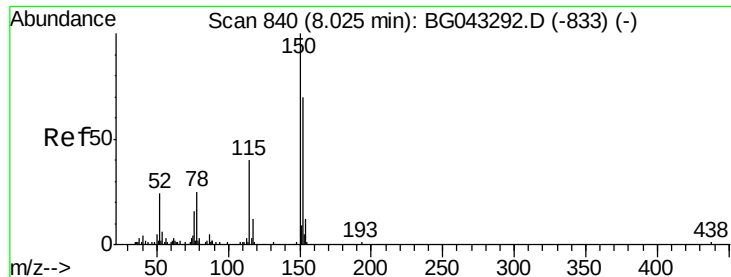
Instrument :
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#1

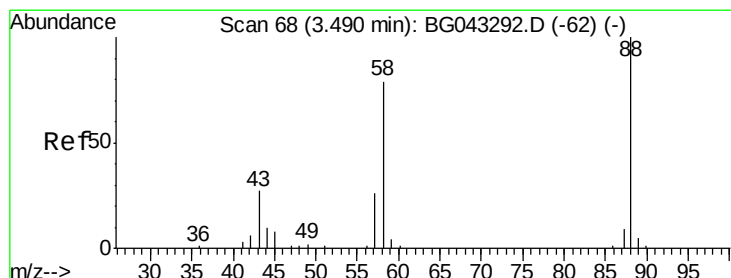
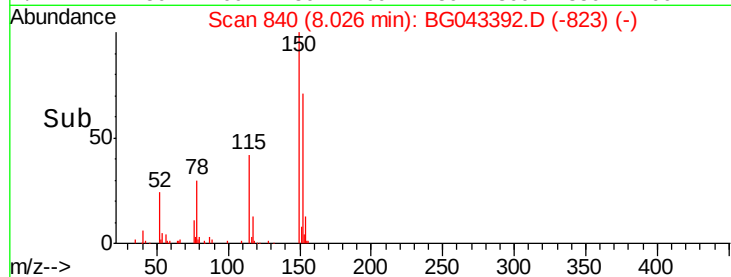
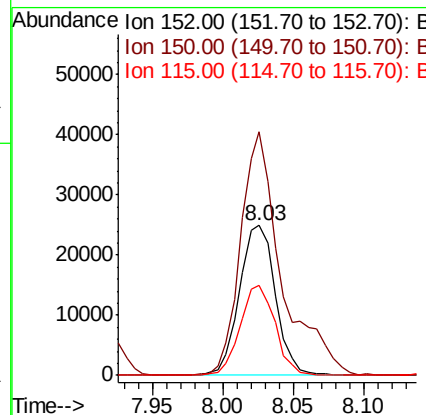
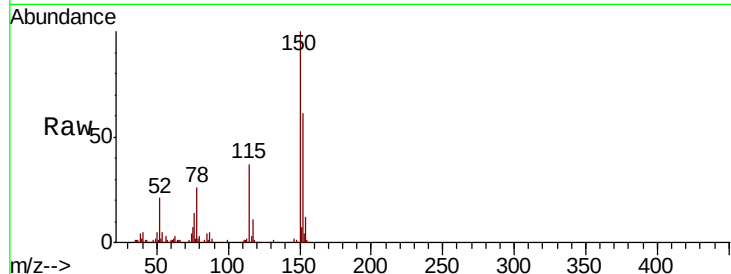
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 840
Delta R.T. 0.00 min
Lab File: BG043392.D
Acq: 30 Oct 2019 3:57

Instrument :
BNA_G
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HR-06-102519MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.8	113.6	170.4
115	60.0	45.9	68.9

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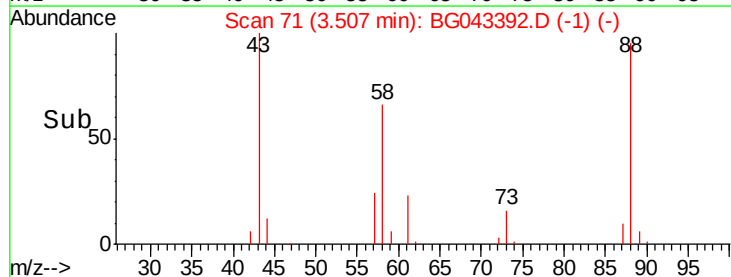
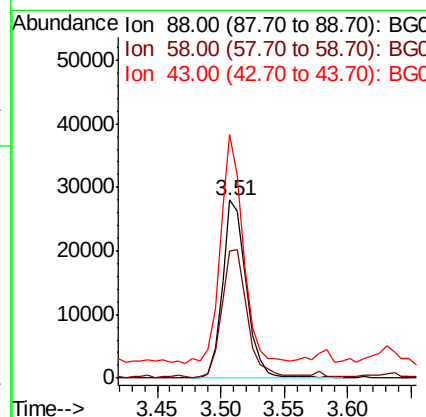
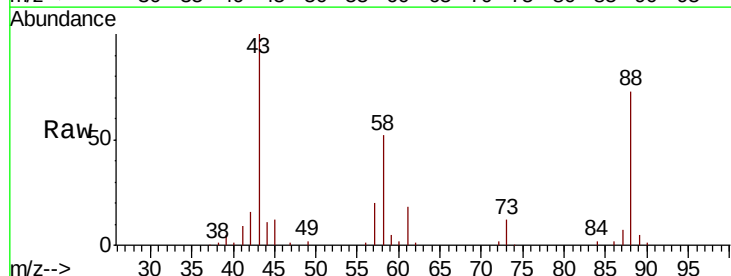
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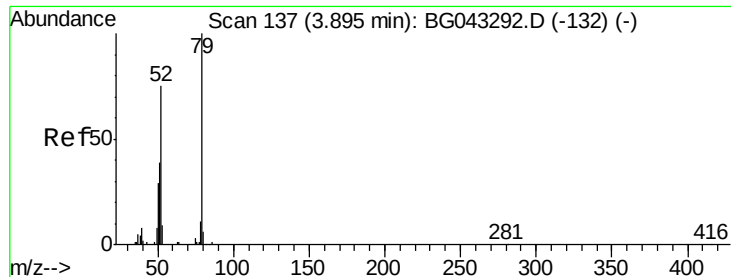


#2

1,4-Dioxane
Concen: 38.951 ng
RT: 3.51 min Scan# 71
Delta R.T. 0.02 min
Lab File: BG043392.D
Acq: 30 Oct 2019 3:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.1	60.2	90.2
43	122.1	22.7	34.1#





#3

Pvridine

Concen: 31.198 ng

RT: 3.91 min Scan# 140

Delta R.T. 0.02 min

Lab File: BG043392.D

Acq: 30 Oct 2019 3:57

Instrument :

BNA_G

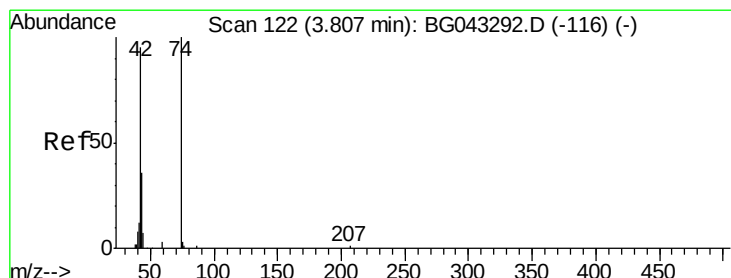
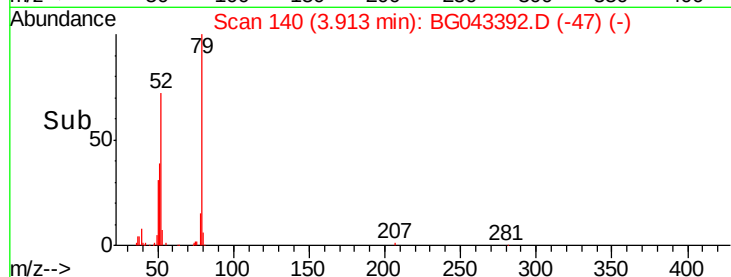
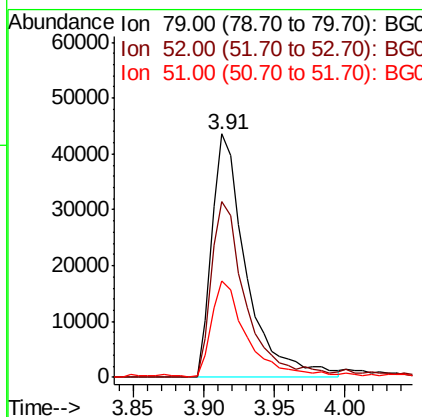
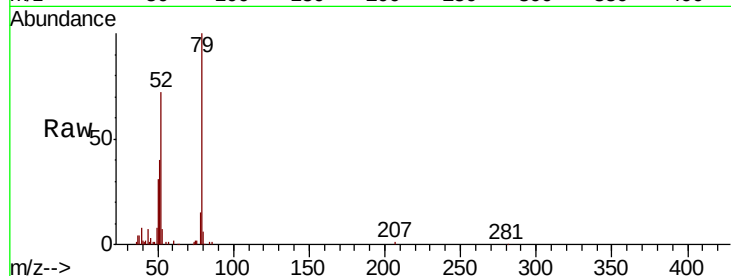
ClientSampleId :

HR-06-102519MS

Tot Ion:	79	Resp:	74117
Ion	Ratio	Lower	Upper
79	100		
52	72.1	59.7	89.5
51	39.8	31.8	47.6

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#4

n-Nitrosodimethylamine

Concen: 48.076 ng

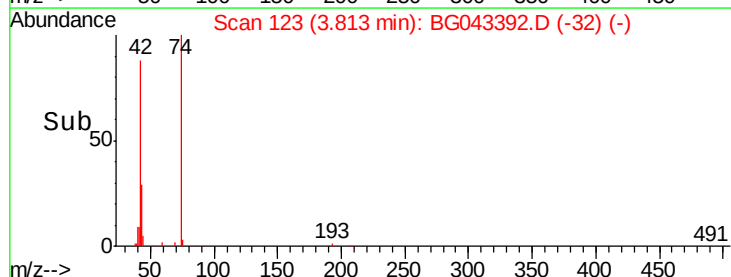
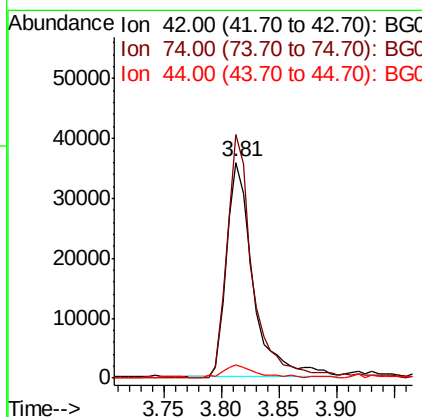
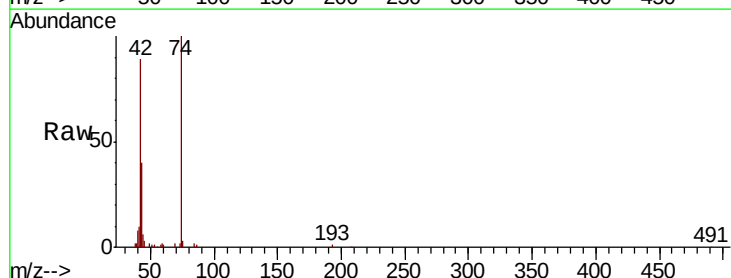
RT: 3.81 min Scan# 123

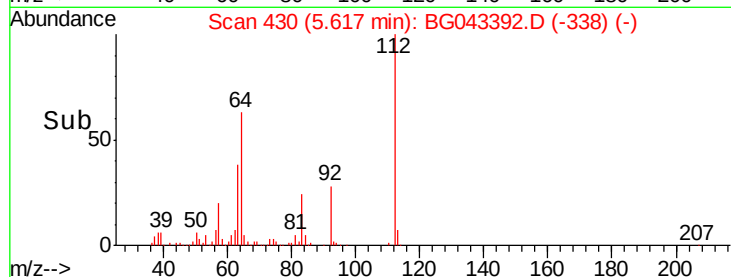
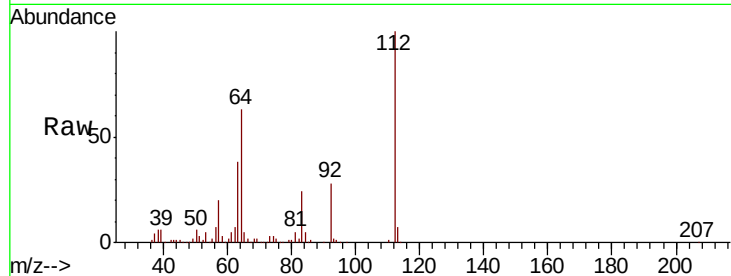
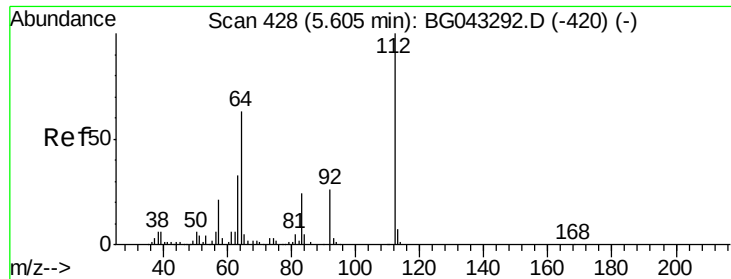
Delta R.T. 0.01 min

Lab File: BG043392.D

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Tgt Ion:	42	Resp:	57633
Ion	Ratio	Lower	Upper
42	100		
74	112.9	84.2	126.2
44	6.3	6.0	9.0





#5

2-Fluorophenol

Concen: 139.458 ng

RT: 5.62 min Scan# 430

Delta R.T. 0.01 min

Lab File: BG043392.D

Acq: 30 Oct 2019 3:57

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		337030		
64	63.5	50.2	75.2		
63	37.7	26.7	40.1		

Instrument :

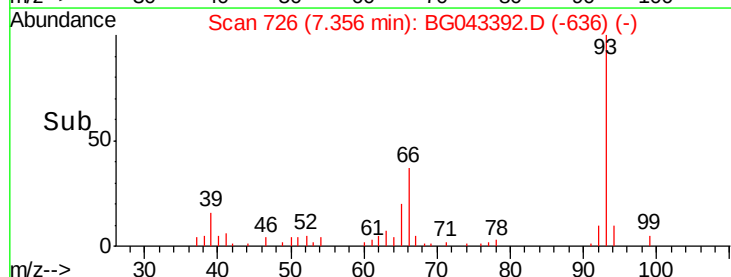
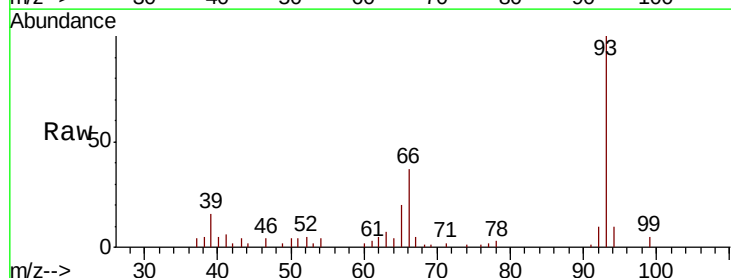
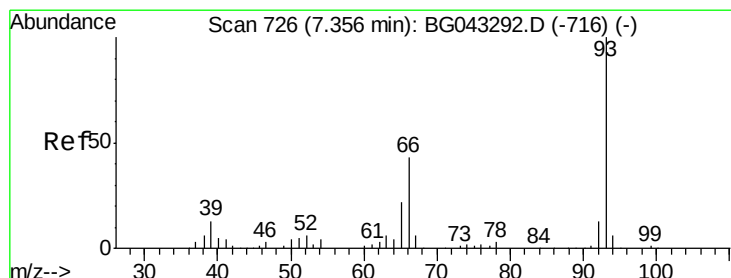
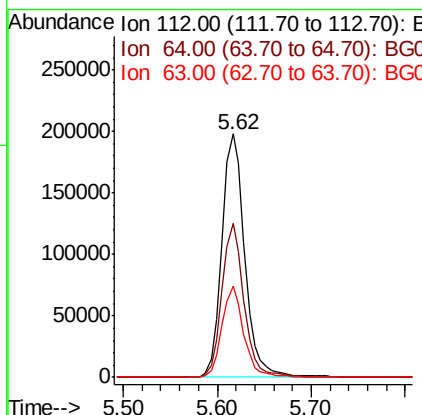
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ClientSampleId :

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#6

Aniline

Concen: 8.065 ng

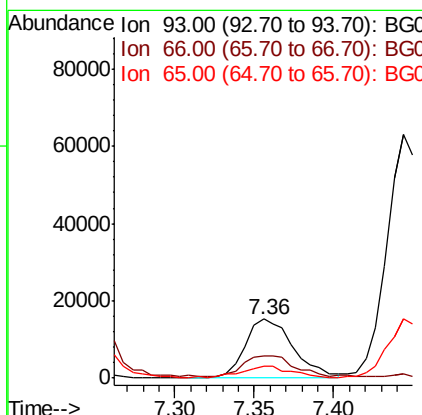
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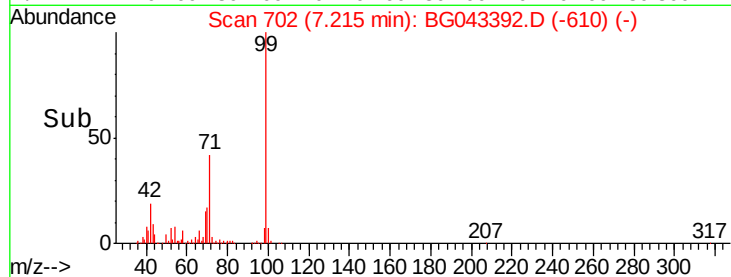
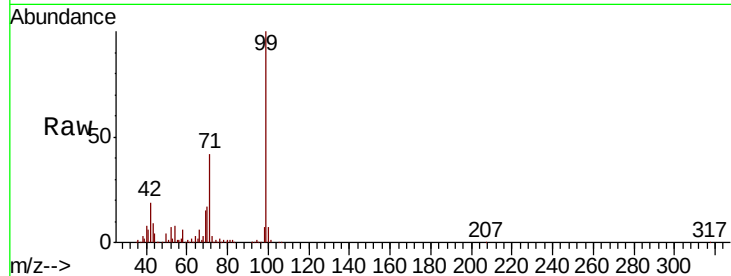
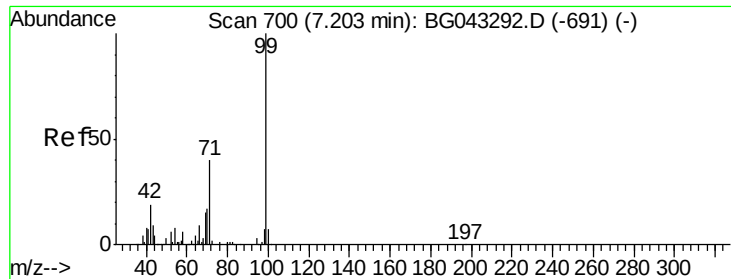
Delta R.T. 0.00 min

Lab File: BG043392.D

Acq: 30 Oct 2019 3:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		32305		
66	37.1	34.5	51.7		
65	20.0	18.0	27.0		





#7

Phenol-d6

Concen: 131.448 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG043392.D

Acq: 30 Oct 2019 3:57

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		457057		
42	19.3	14.9	22.3		
71	41.7	32.2	48.2		

Instrument :

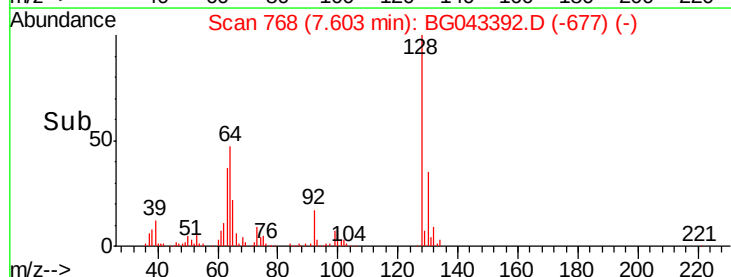
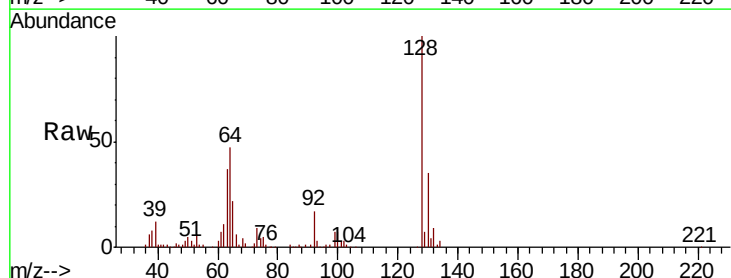
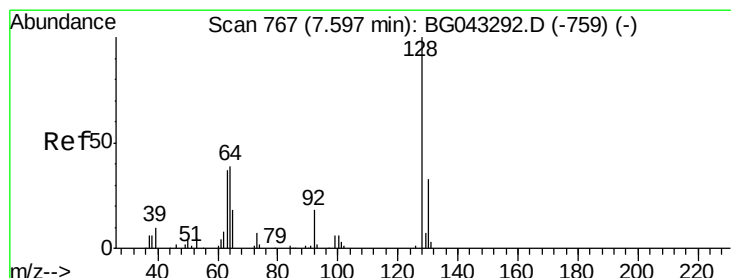
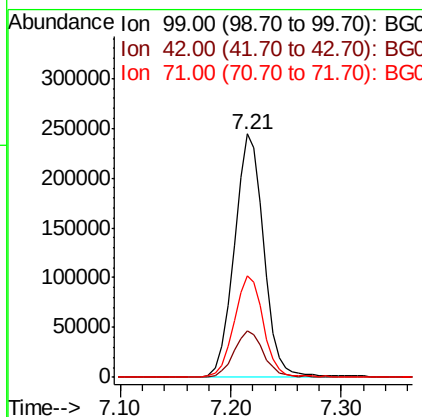
BNA_G

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#8

2-Chlorophenol

Concen: 47.834 ng

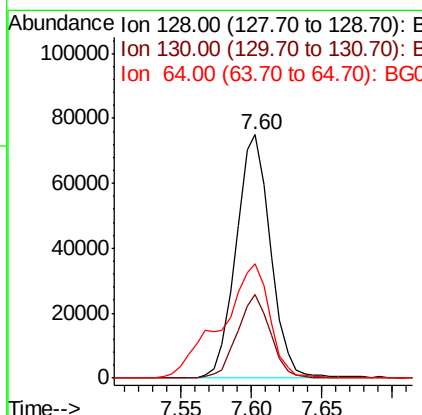
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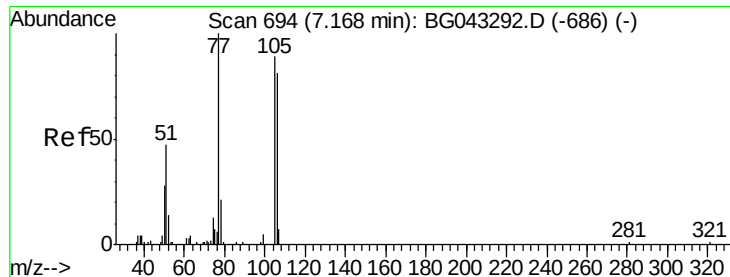
Delta R.T. 0.01 min

Lab File: BG043392.D

Acq: 30 Oct 2019 3:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		127610		
130	34.6	12.9	52.9		
64	47.0	24.9	64.9		





#9

Benzaldehyde

Concen: 18.931 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG043392.D

Acq: 30 Oct 2019 3:57

Instrument :

BNA_G

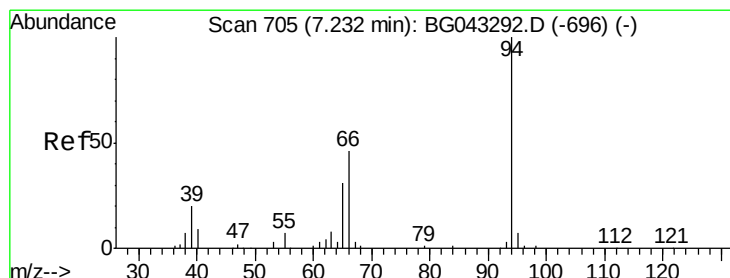
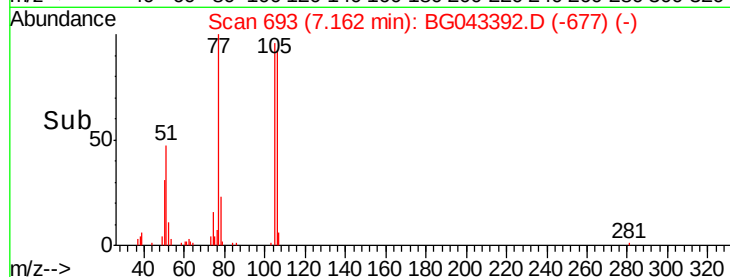
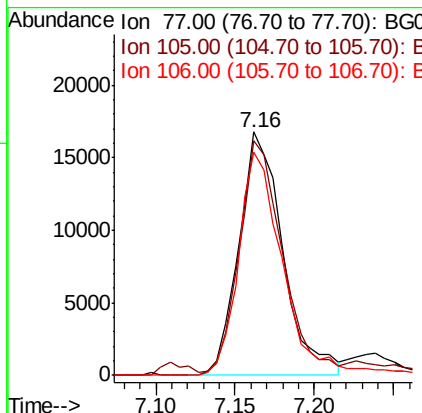
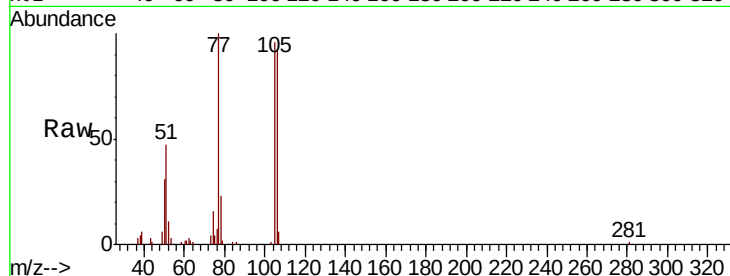
ClientSampleId :

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Tot Ion:	77	Resp:	32349
Ion	Ratio	Lower	Upper
77	100		
105	96.2	68.7	108.7
106	91.5	60.5	100.5

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#10

Phenol

Concen: 48.867 ng

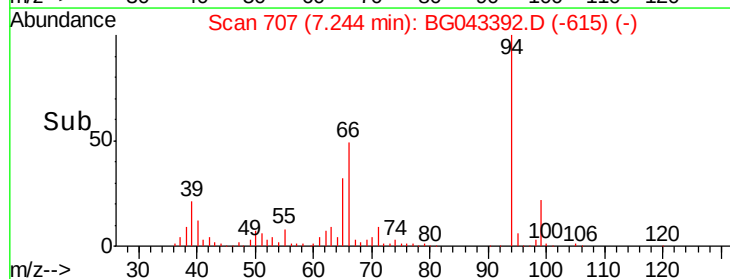
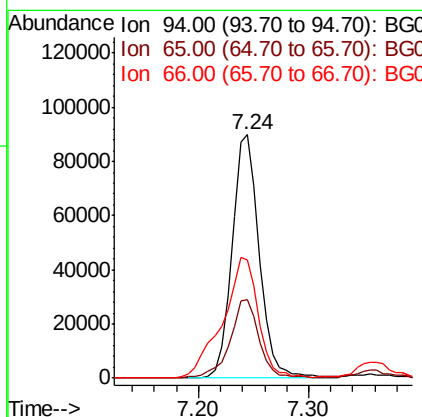
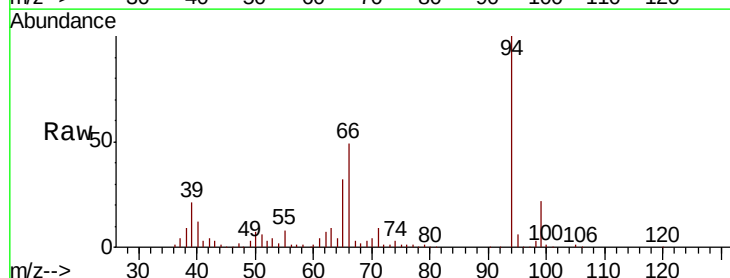
RT: 7.24 min Scan# 707

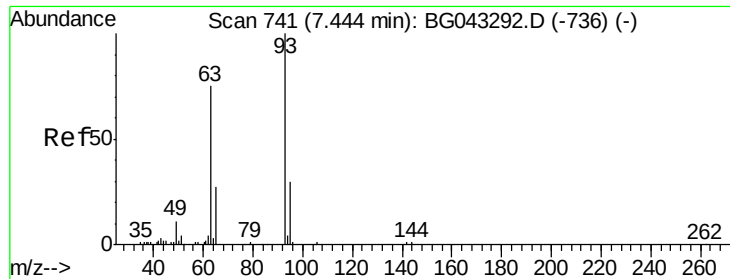
Delta R.T. 0.01 min

Lab File: BG043392.D

Acq: 30 Oct 2019 3:57

Tgt Ion:	94	Resp:	155268
Ion	Ratio	Lower	Upper
94	100		
65	32.1	11.1	51.1
66	48.6	27.8	67.8





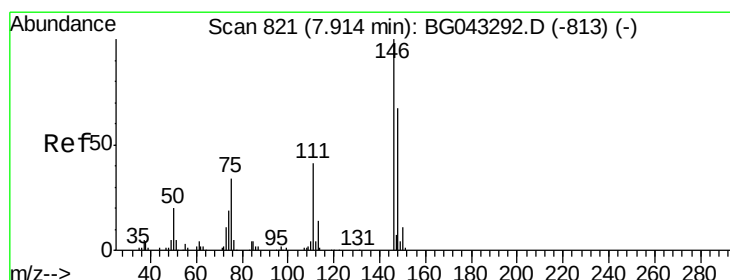
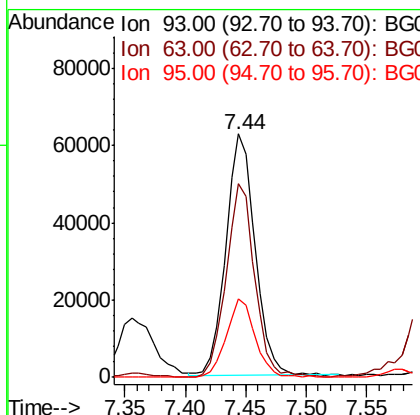
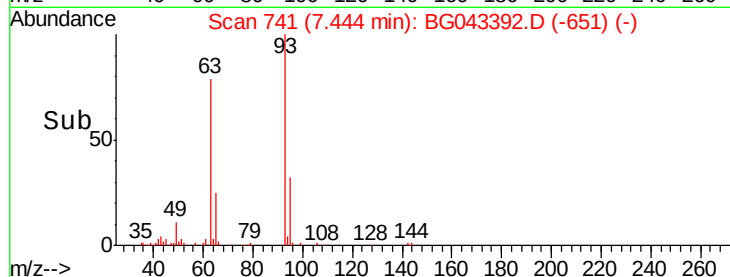
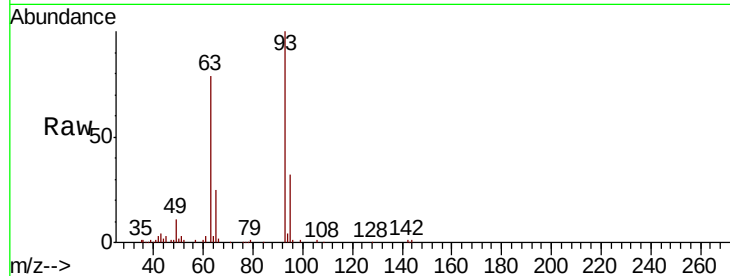
#11
bis(2-Chloroethyl)ether
Concen: 42.849 ng
RT: 7.44 min Scan# 741
Delta R.T. 0.00 min
Lab File: BG043392.D
Acq: 30 Oct 2019 3:57

Instrument :
BNA_G
ClientSampleId :
HR-06-102519MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		105261		
63	79.4	54.6	94.6		
95	32.2	9.7	49.7		

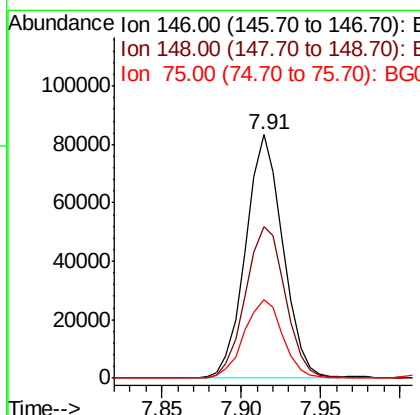
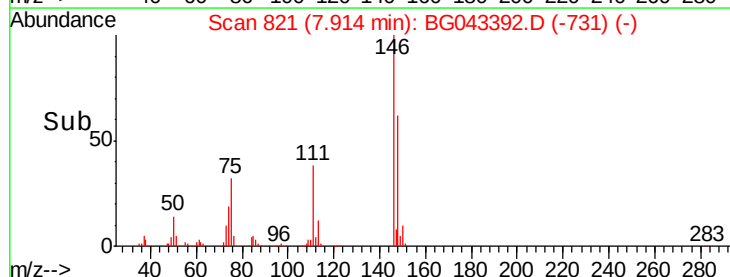
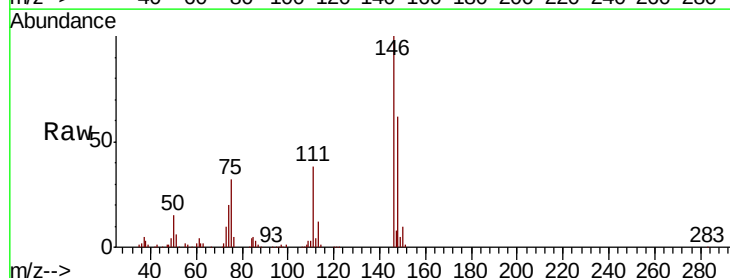
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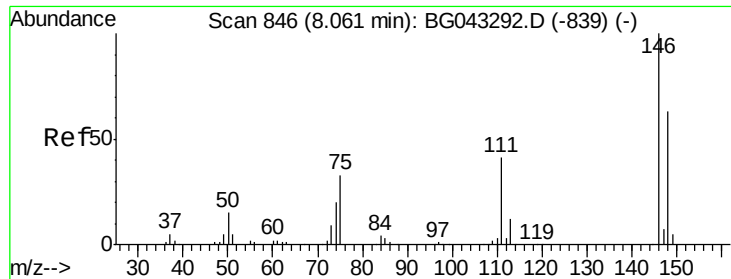
mohammad
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#12
1,3-Dichlorobenzene
Concen: 40.736 ng
RT: 7.91 min Scan# 821
Delta R.T. 0.00 min
Lab File: BG043392.D
Acq: 30 Oct 2019 3:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		136159		
148	62.0	53.4	80.2		
75	32.5	27.0	40.4		





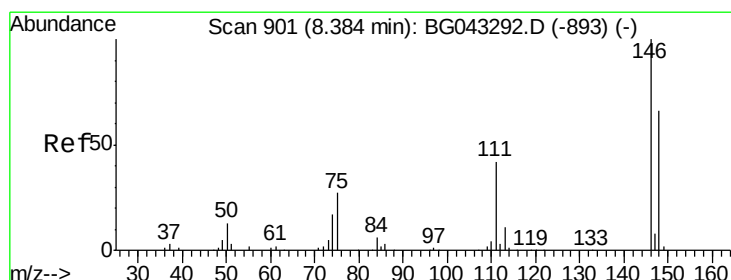
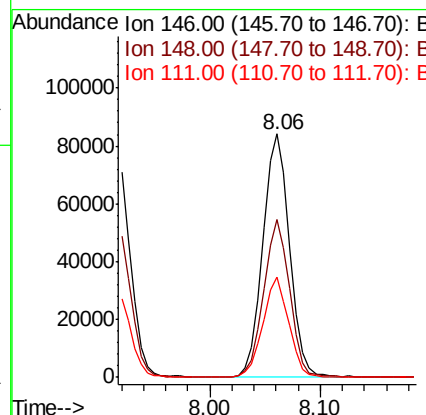
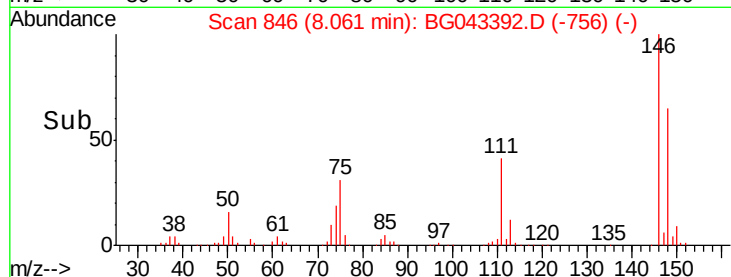
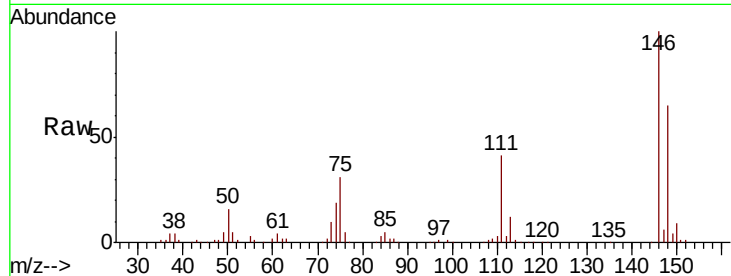
#13
 1,4-Dichlorobenzene
 Concen: 42.275 ng
 RT: 8.06 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BG043392.D
 Acq: 30 Oct 2019 3:57

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-102519MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.7	76.1
111	41.0	33.0	49.6

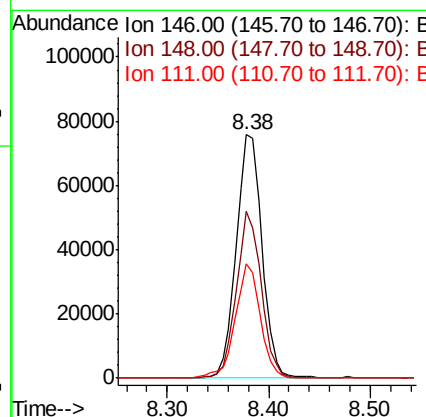
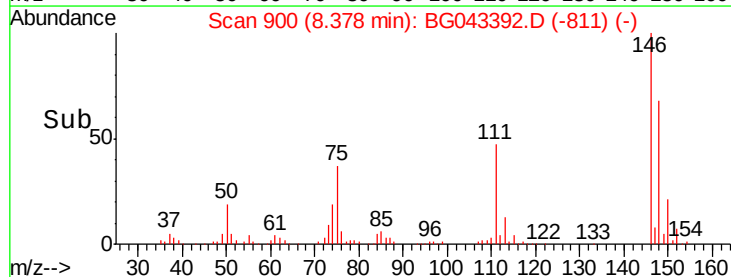
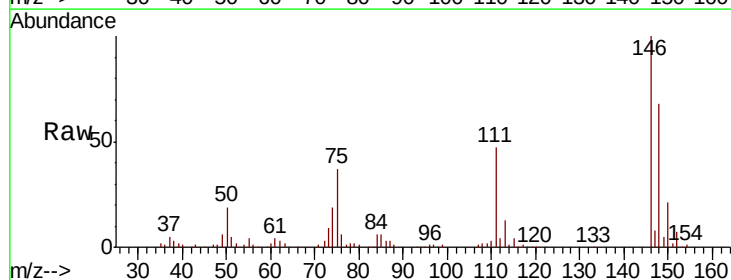
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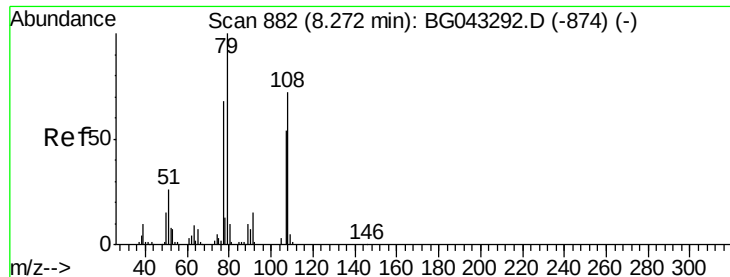
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 40.536 ng
 RT: 8.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BG043392.D
 Acq: 30 Oct 2019 3:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.4	53.0	79.4
111	46.9	34.5	51.7





#15

Benzyl Alcohol

Concen: 45.525 ng

RT: 8.27 min Scan# 882

Delta R.T. 0.00 min

Lab File: BG043392.D

Acq: 30 Oct 2019 3:57

Instrument :

BNA_G

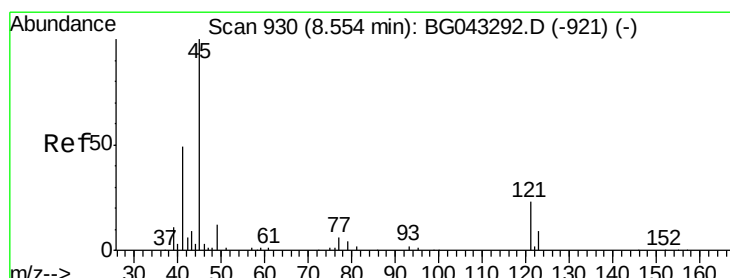
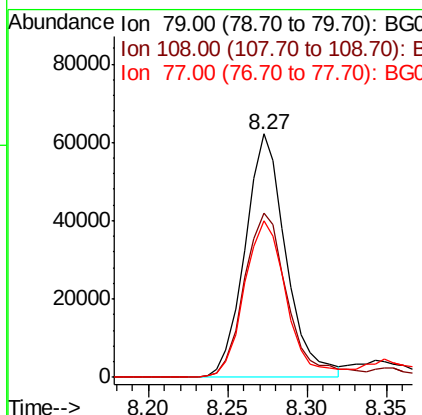
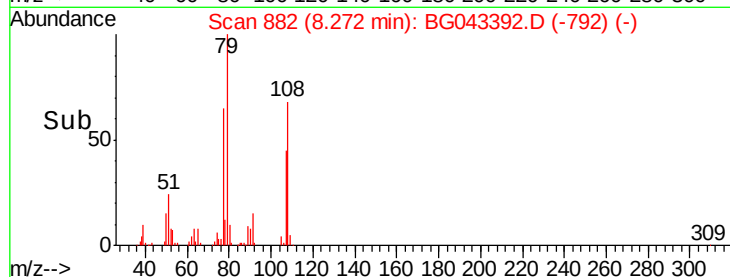
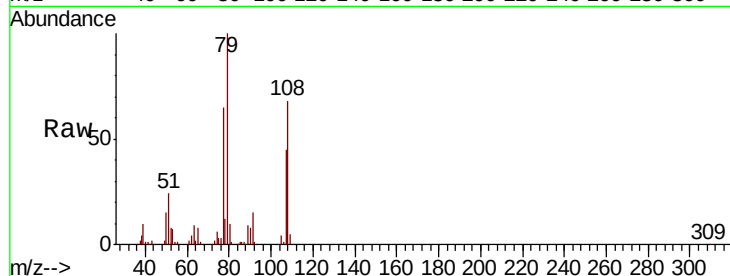
ClientSampleId :

HR-06-102519MS

Tot Ion:	79	Resp:	111170
Ion Ratio	Lower	Upper	
79	100		
108	67.6	57.3	85.9
77	64.5	54.6	81.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.505 ng

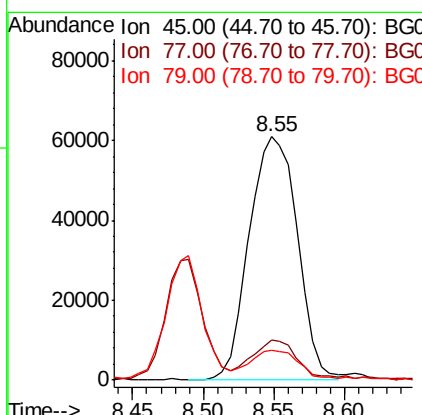
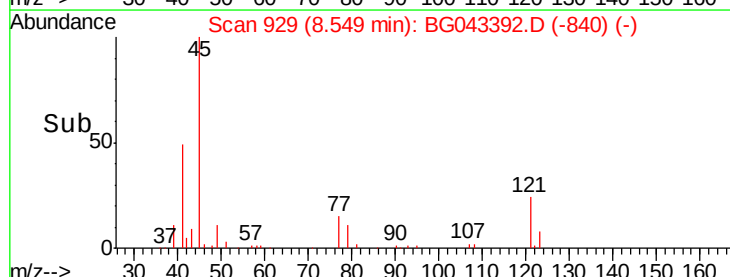
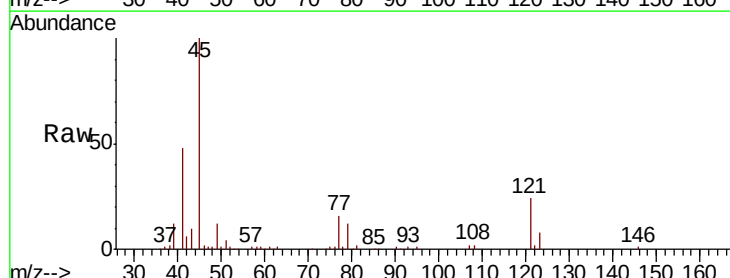
RT: 8.55 min Scan# 929

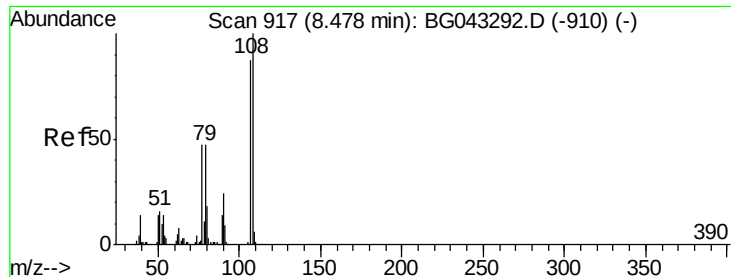
Delta R.T. -0.01 min

Lab File: BG043392.D

Acq: 30 Oct 2019 3:57

Tgt Ion:	45	Resp:	144685
Ion Ratio	Lower	Upper	
45	100		
77	16.2	0.0	34.2
79	12.4	0.0	32.3





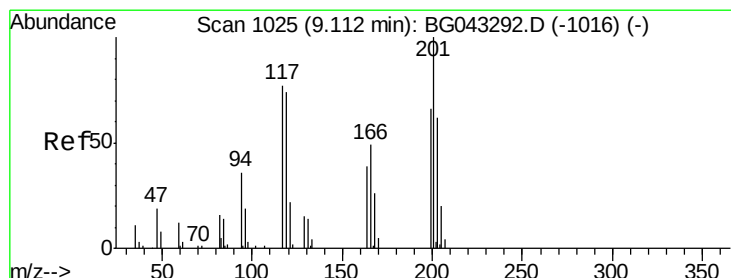
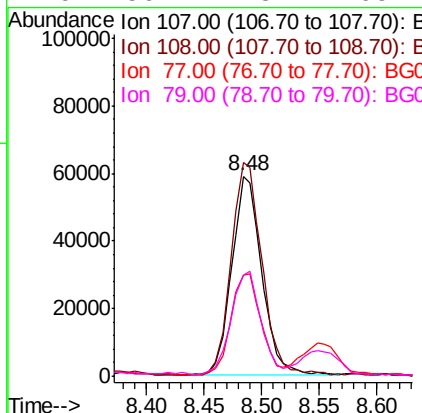
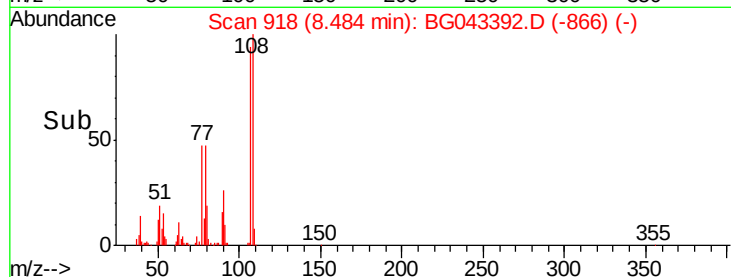
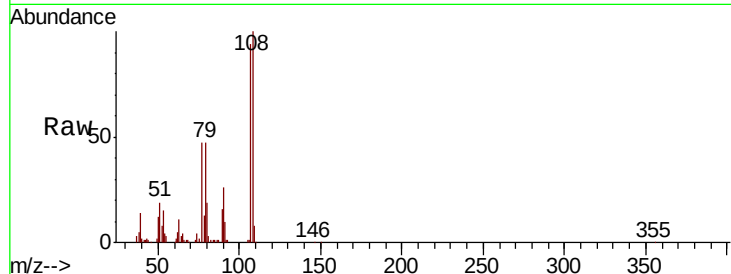
#17
2-Methylphenol
Concen: 46.132 ng
RT: 8.48 min Scan# 918
Delta R.T. 0.01 min
Lab File: BG043392.D
Acq: 30 Oct 2019 3:57

Instrument :
BNA_G
ClientSampleId :
HR-06-102519MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	106.7	91.3	136.9	
77	50.5	43.0	64.6	
79	50.4	43.4	65.2	

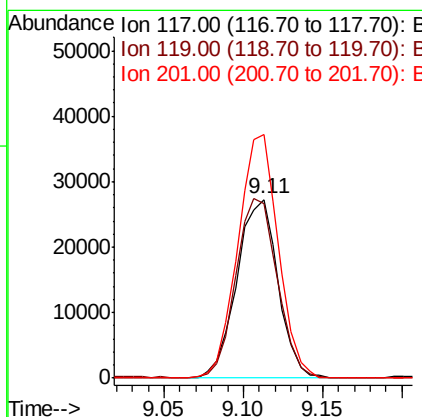
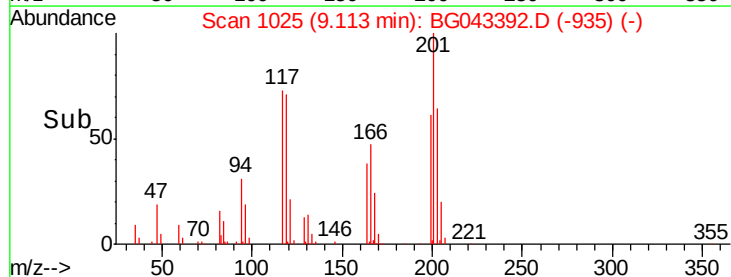
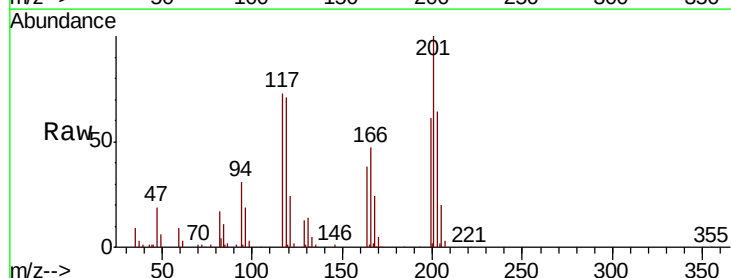
Manual Integrations
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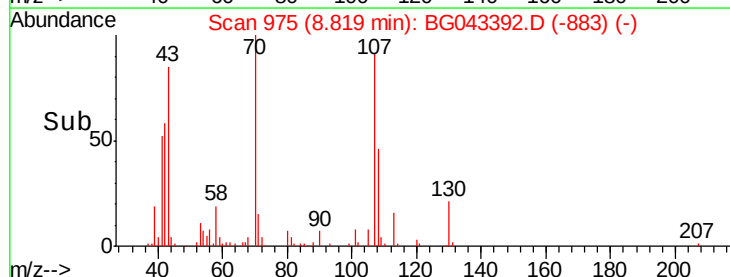
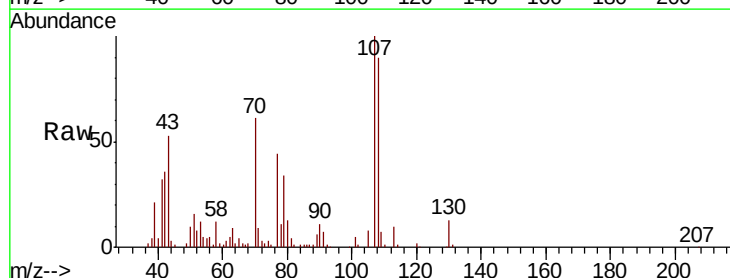
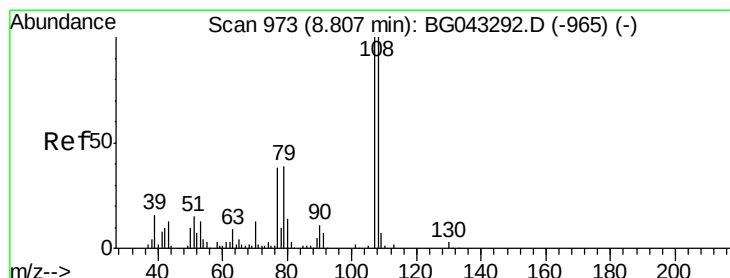
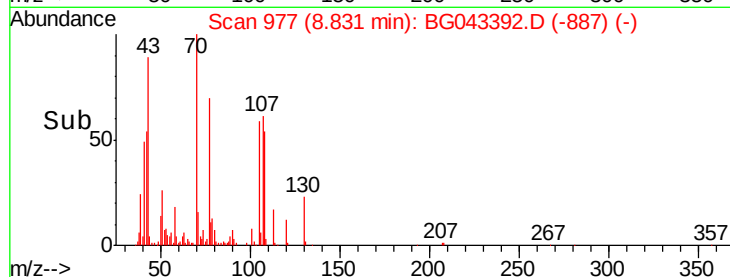
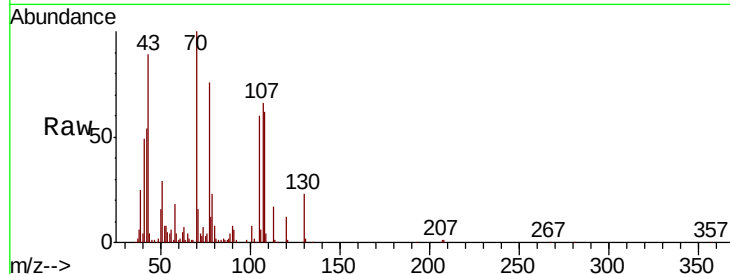
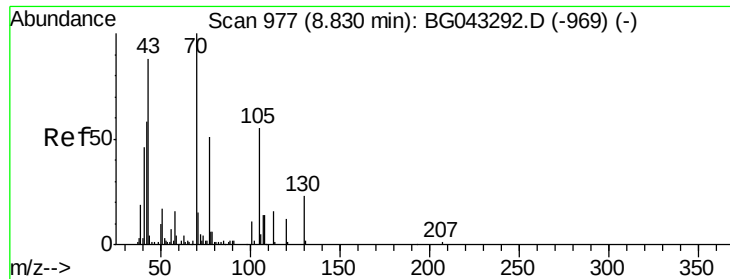
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#18
Hexachloroethane
Concen: 40.031 ng
RT: 9.11 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BG043392.D
Acq: 30 Oct 2019 3:57

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.3	77.3	115.9	
201	136.2	104.2	156.4	





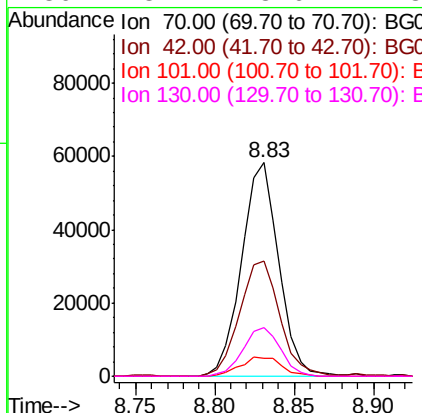
#19
n-Nitroso-di-n-propylamine
Concen: 42.039 ng
RT: 8.83 min Scan# 977
Delta R.T. 0.00 min
Lab File: BG043392.D
Acq: 30 Oct 2019 3:57

Instrument :
BNA_G
ClientSampleId :
HR-06-102519MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	53.8	46.2	69.2	
101	8.2	8.6	13.0	
130	23.1	18.6	27.8	

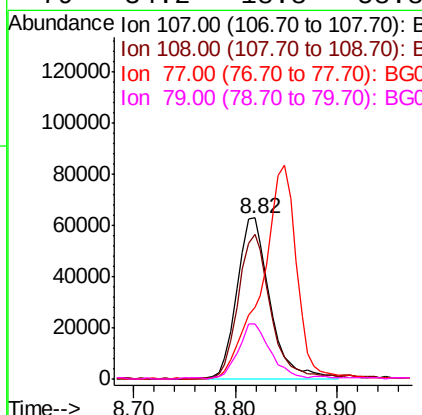
Manual Integrations
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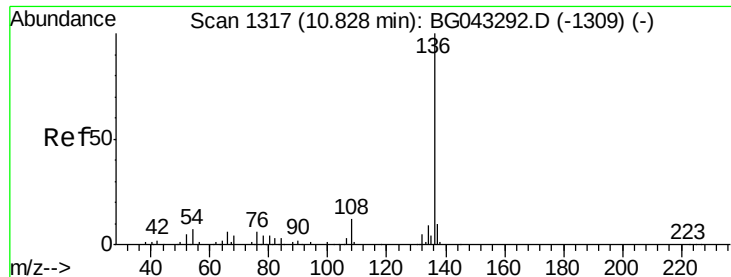
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#20
3+4-Methylphenols
Concen: 44.923 ng
RT: 8.82 min Scan# 975
Delta R.T. 0.01 min
Lab File: BG043392.D
Acq: 30 Oct 2019 3:57

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.0	80.3	120.3	
77	44.4	18.2	58.2	
79	34.2	18.8	58.8	





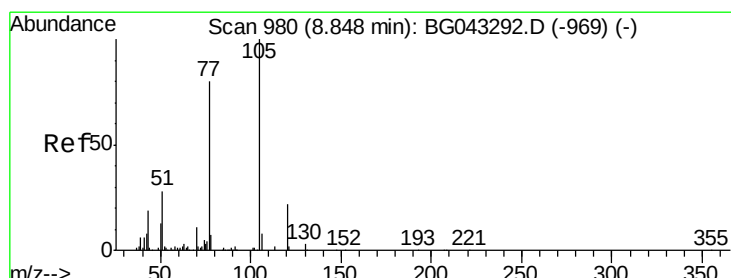
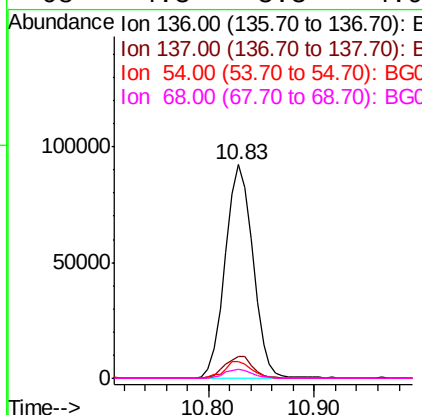
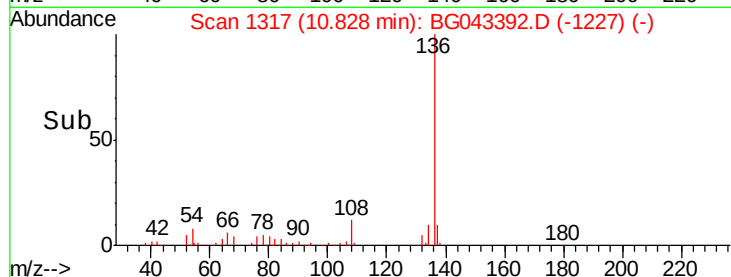
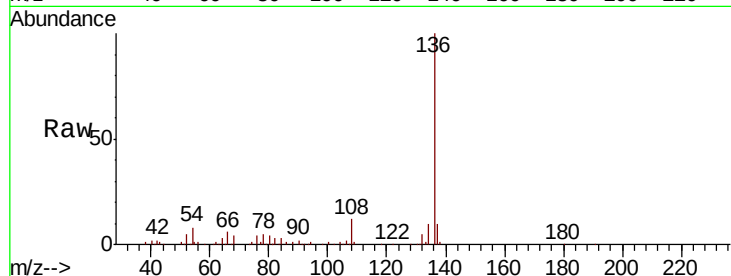
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BG043392.D
Acq: 30 Oct 2019 3:57

Instrument :
BNA_G
ClientSampleId :
HR-06-102519MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	168213		
137	10.4	8.2	12.2	
54	7.7	5.4	8.2	
68	4.3	3.3	4.9	

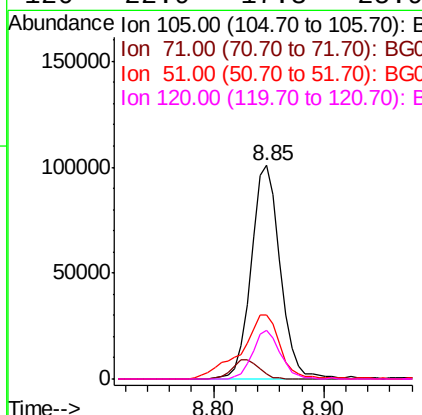
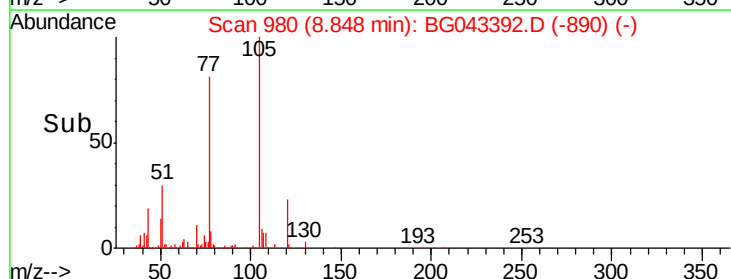
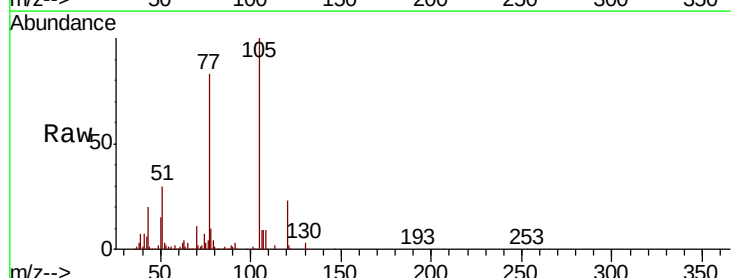
Manual Integrations
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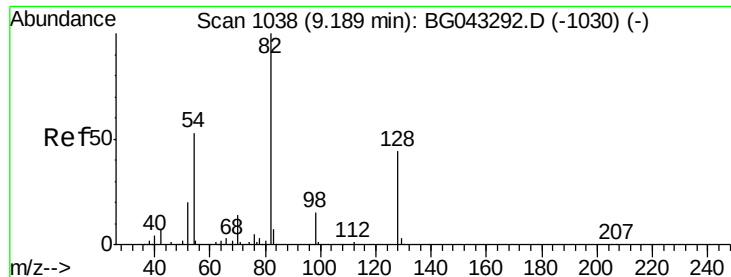
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#22
Acetophenone
Concen: 43.198 ng
RT: 8.85 min Scan# 980
Delta R.T. 0.00 min
Lab File: BG043392.D
Acq: 30 Oct 2019 3:57

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	186087		
71	2.4	1.5	2.3#	
51	30.2	23.9	35.9	
120	22.9	17.3	25.9	





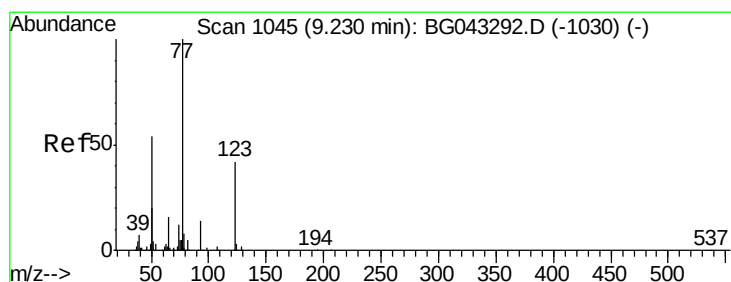
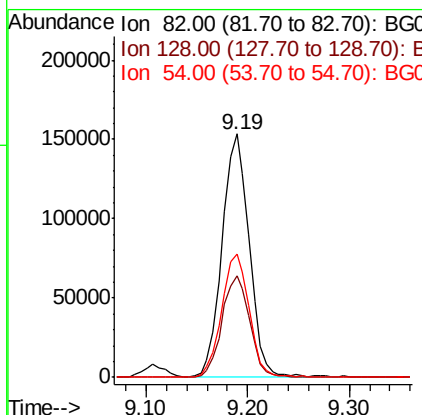
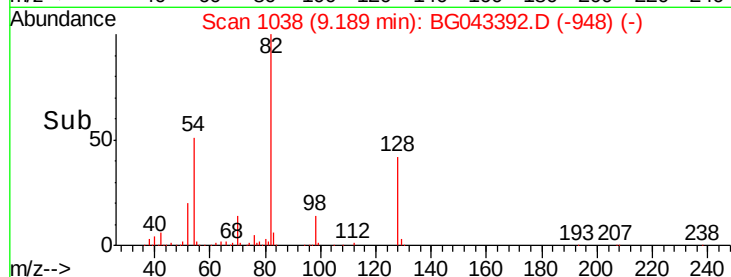
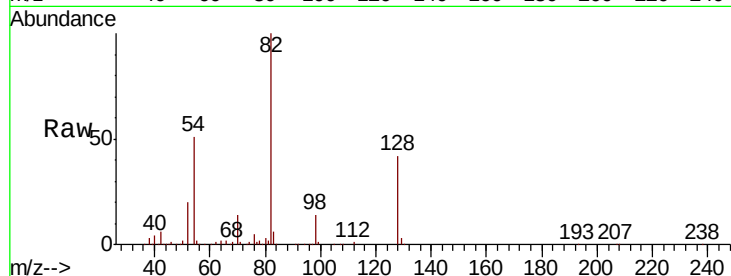
#23
 Nitrobenzene-d5
 Concen: 87.738 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BG043392.D
 Acq: 30 Oct 2019 3:57

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-102519MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.7	35.3	52.9
54	50.8	42.3	63.5

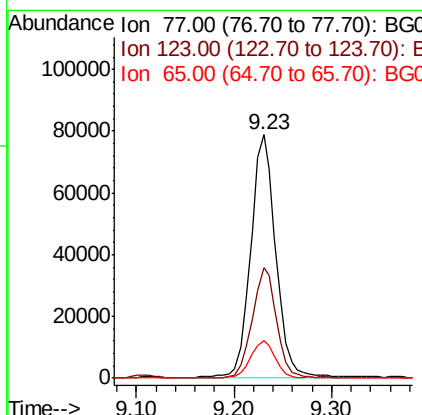
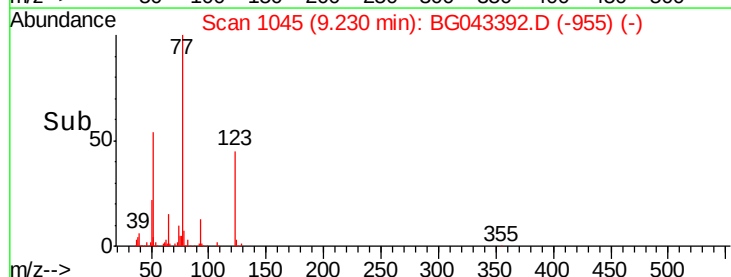
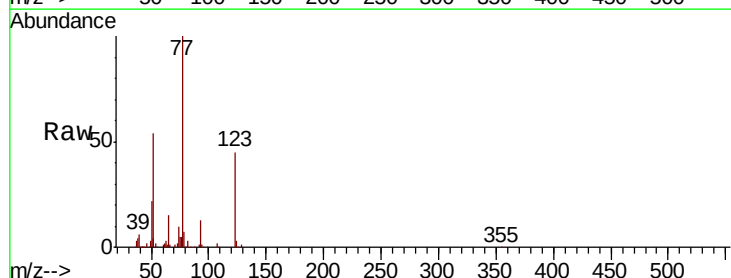
Manual Integrations
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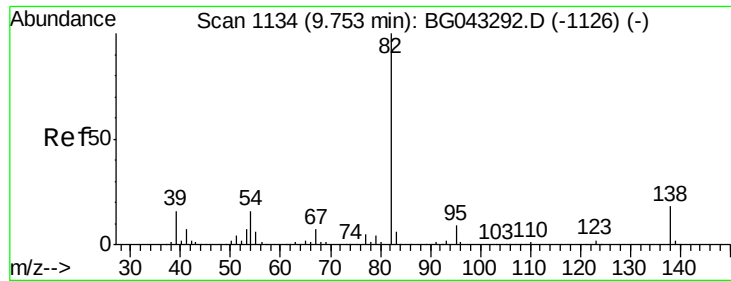
mohammad
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#24
 Nitrobenzene
 Concen: 45.995 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. 0.00 min
 Lab File: BG043392.D
 Acq: 30 Oct 2019 3:57

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.3	33.8	50.8
65	15.4	13.0	19.4





#25

Isophorone

Concen: 44.252 ng

RT: 9.75 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BG043392.D

Acq: 30 Oct 2019 3:57

Instrument :

BNA_G

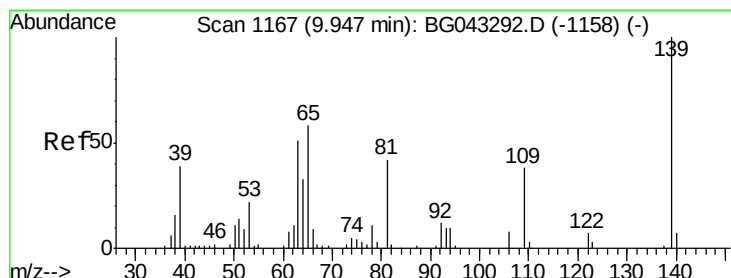
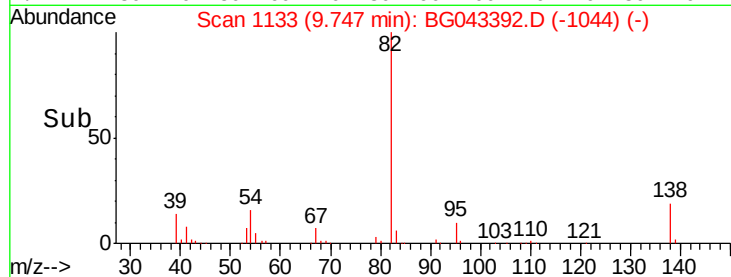
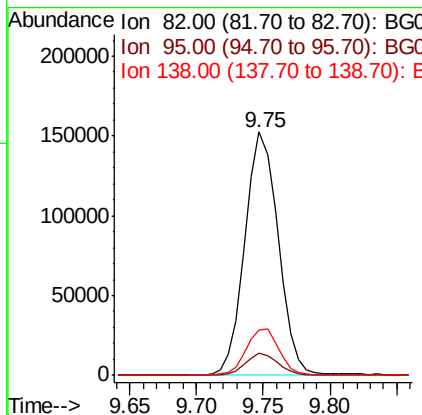
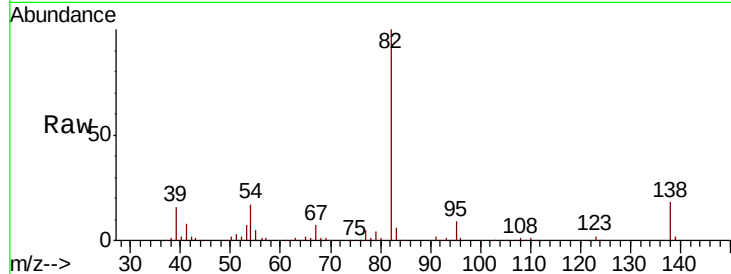
ClientSampleId :

HR-06-102519MS

Tot Ion:	82	Resp:	263975
Ion Ratio	Lower	Upper	
82	100		
95	9.3	6.9	10.3
138	18.3	14.2	21.2

Manual Integrations
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#26

2-Nitrophenol

Concen: 49.235 ng

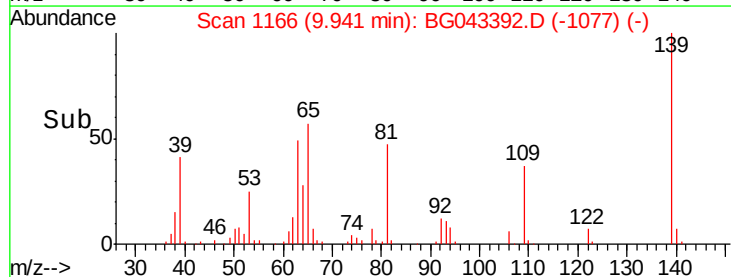
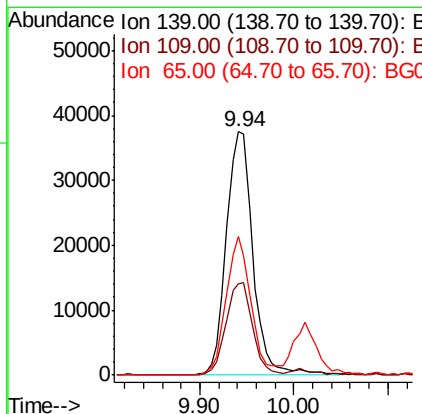
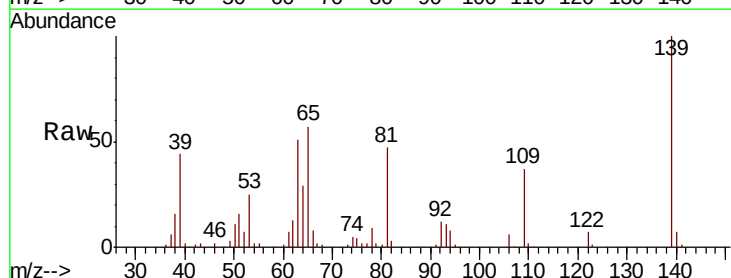
RT: 9.94 min Scan# 1166

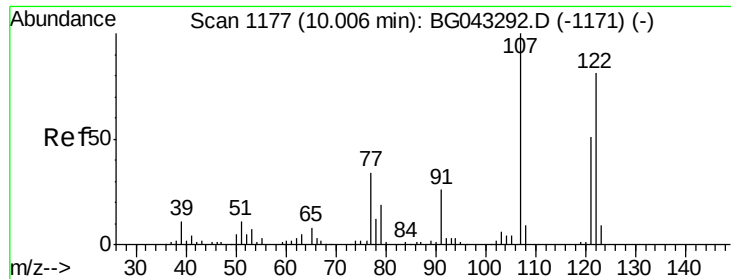
Delta R.T. -0.01 min

Lab File: BG043392.D

Acq: 30 Oct 2019 3:57

Tgt Ion:	139	Resp:	73882
Ion Ratio	Lower	Upper	
139	100		
109	37.3	30.1	45.1
65	57.0	46.1	69.1





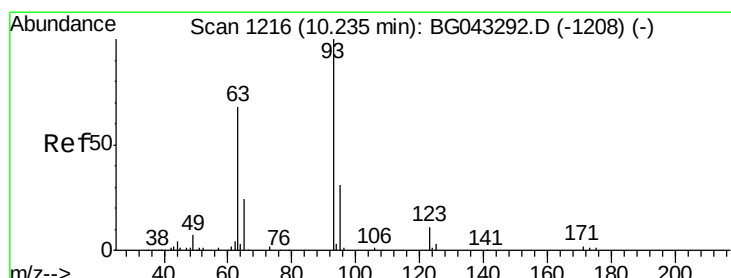
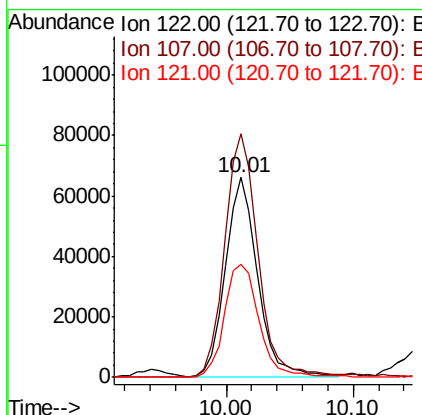
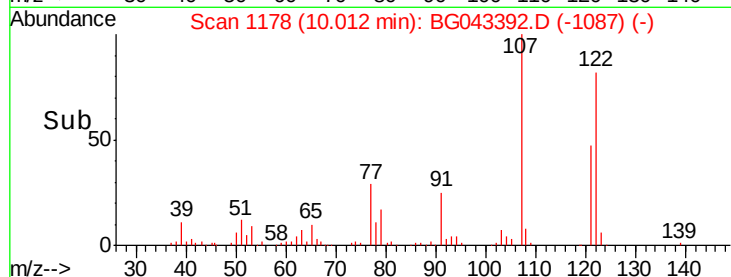
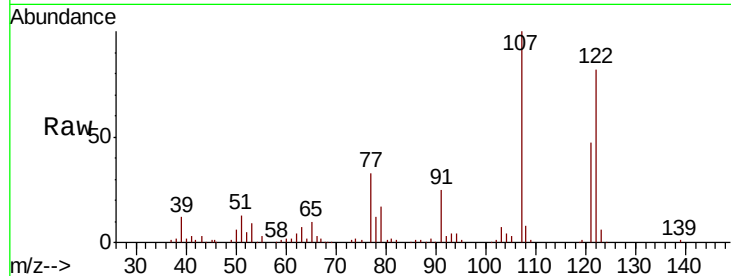
#27
2,4-Dimethylphenol
Concen: 53.170 ng
RT: 10.01 min Scan# 1178
Delta R.T. 0.01 min
Lab File: BG043392.D
Acq: 30 Oct 2019 3:57

Instrument :
BNA_G
ClientSampleId :
HR-06-102519MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	121.8	98.6	147.8
121	56.8	50.1	75.1

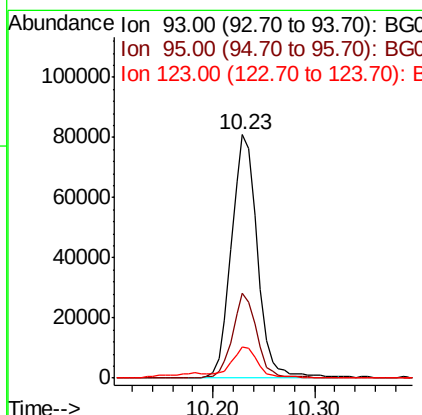
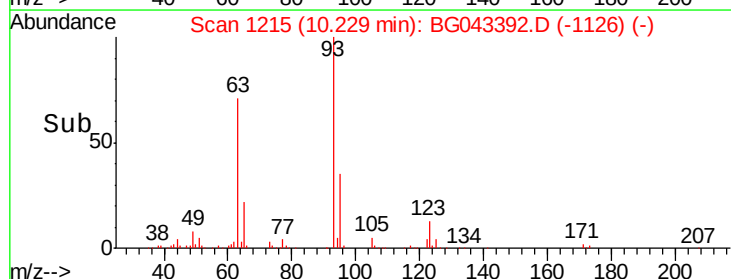
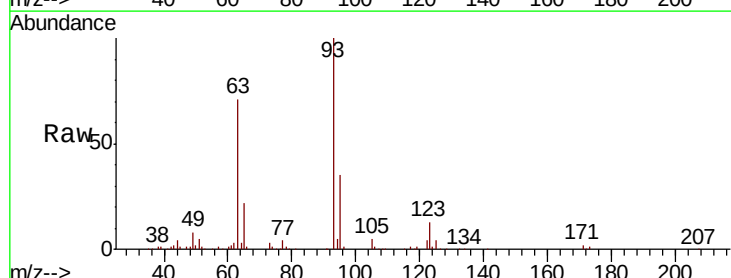
Manual Integrations
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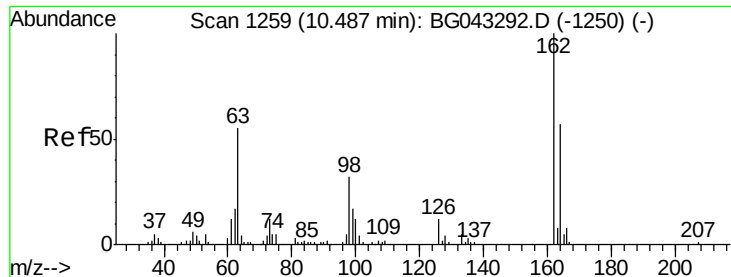
mohammad
10/30/2019 4:54:42 PM



#28
bis(2-Chloroethoxy)methane
Concen: 43.909 ng
RT: 10.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BG043392.D
Acq: 30 Oct 2019 3:57

Tgt Ion	Ratio	Lower	Upper
93	100		
95	35.0	24.9	37.3
123	12.7	8.9	13.3





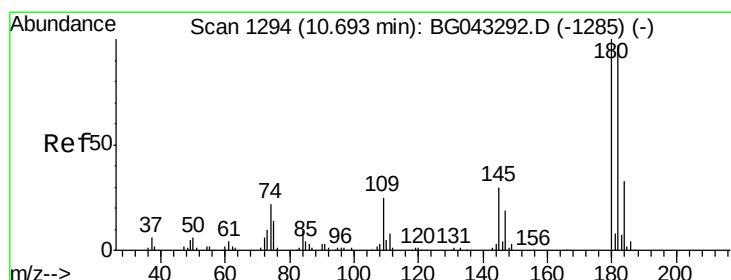
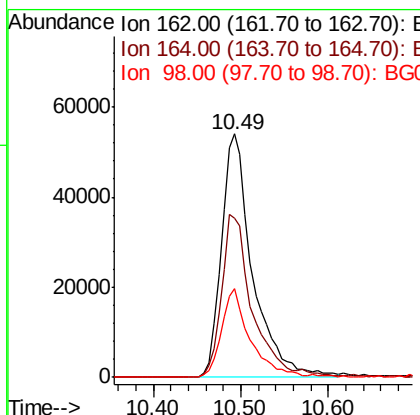
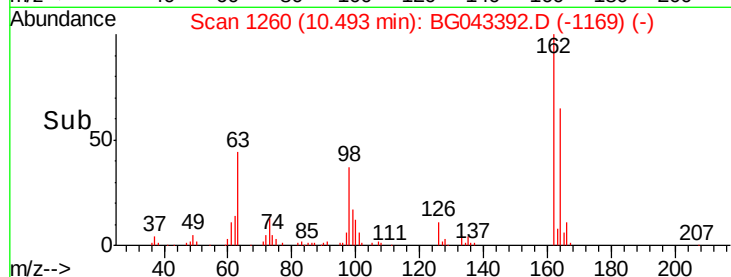
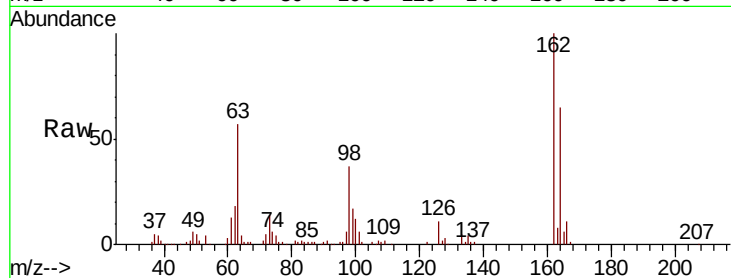
#29
2,4-Dichlorophenol
Concen: 47.773 ng
RT: 10.49 min Scan# 1260
Delta R.T. 0.01 min
Lab File: BG043392.D
Acq: 30 Oct 2019 3:57

Instrument :
BNA_G
ClientSampleId :
HR-06-102519MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.2	37.3	77.3
98	36.5	11.8	51.8

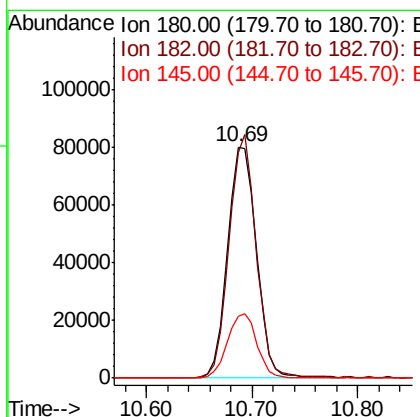
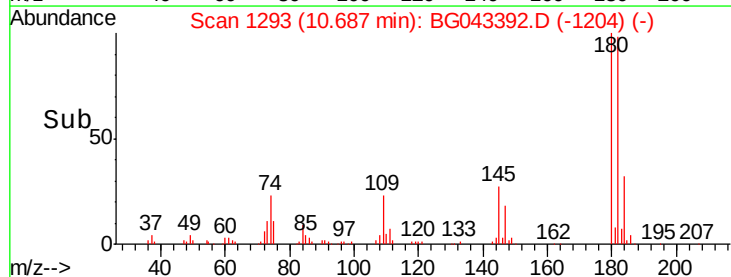
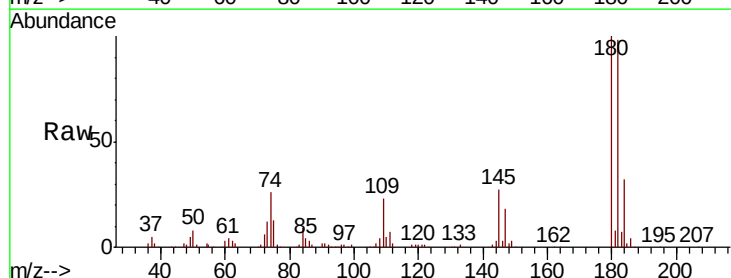
Manual Integrations
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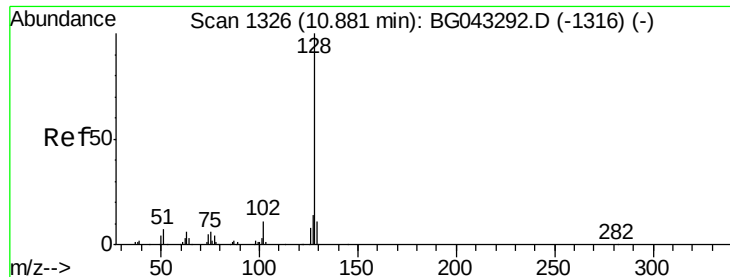
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 43.709 ng
RT: 10.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BG043392.D
Acq: 30 Oct 2019 3:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.9	77.8	116.8
145	27.0	23.6	35.4





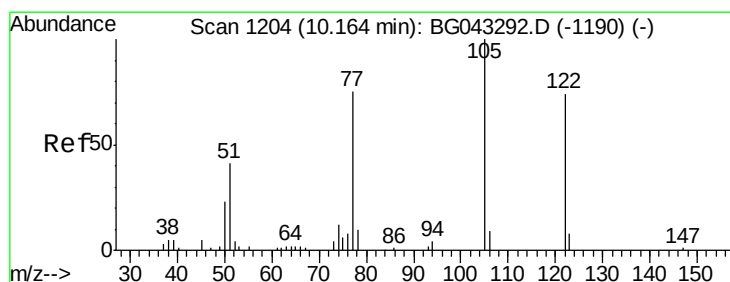
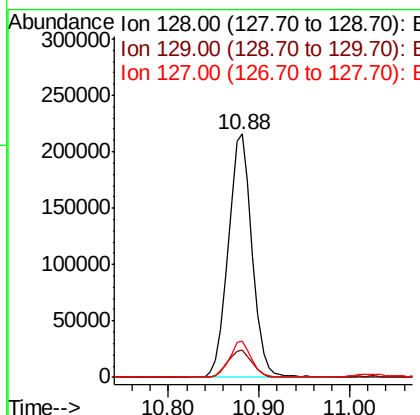
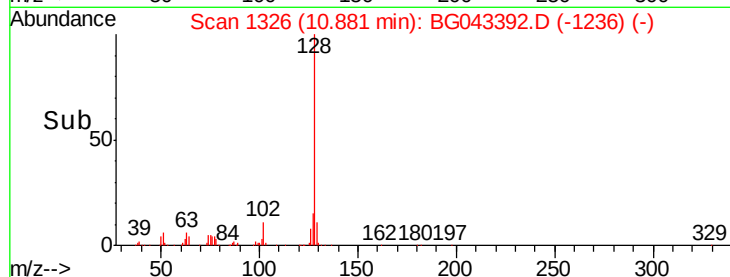
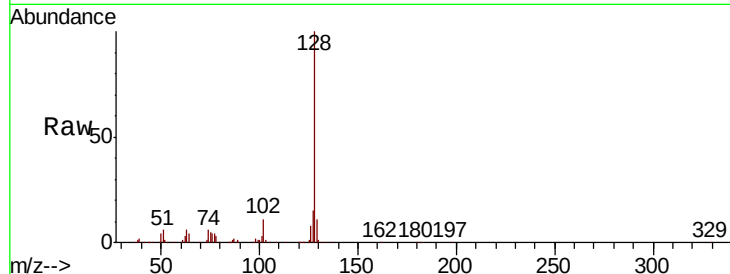
#31
Naphthalene
Concen: 46.055 ng
RT: 10.88 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BG043392.D
Acq: 30 Oct 2019 3:57

Instrument :
BNA_G
ClientSampleId :
HR-06-102519MS

Tot Ion:	128	Resp:	393236
Ion Ratio	Lower	Upper	
128	100		
129	11.0	8.6	12.8
127	14.8	11.5	17.3

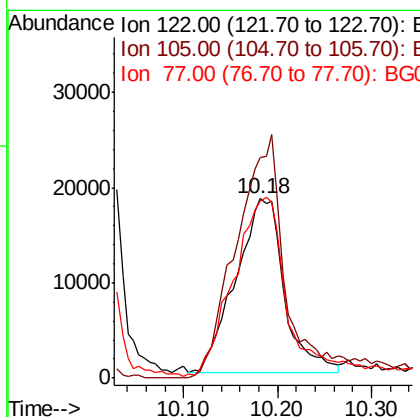
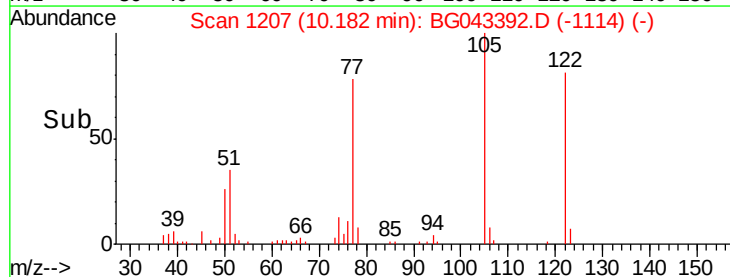
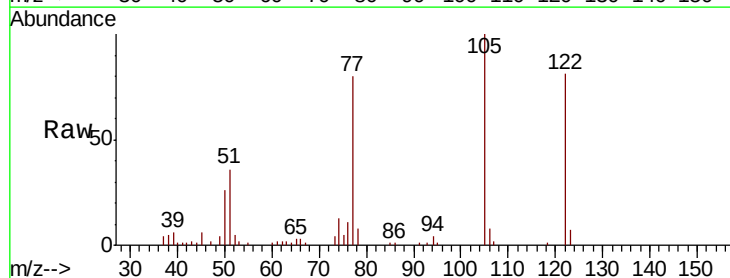
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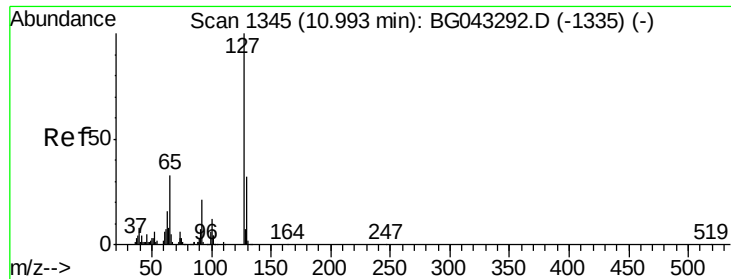
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#32
Benzoic acid
Concen: 41.585 ng
RT: 10.18 min Scan# 1207
Delta R.T. 0.02 min
Lab File: BG043392.D
Acq: 30 Oct 2019 3:57

Tgt Ion:	122	Resp:	65844
Ion Ratio	Lower	Upper	
122	100		
105	123.1	112.4	152.4
77	98.7	82.7	122.7





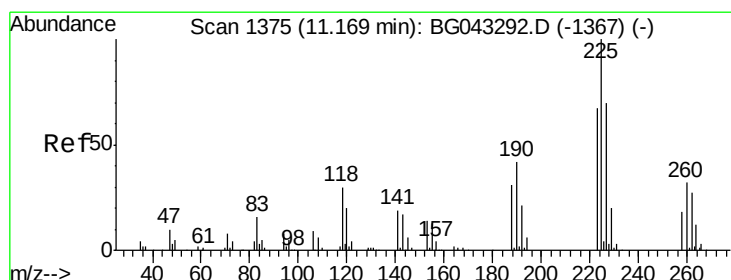
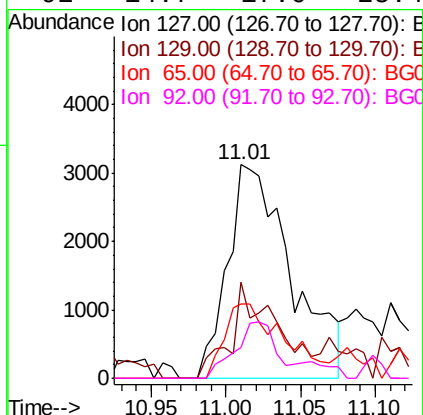
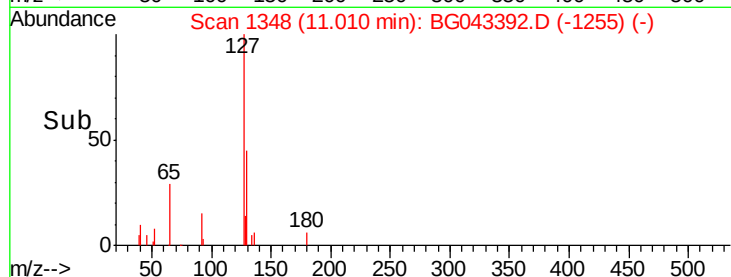
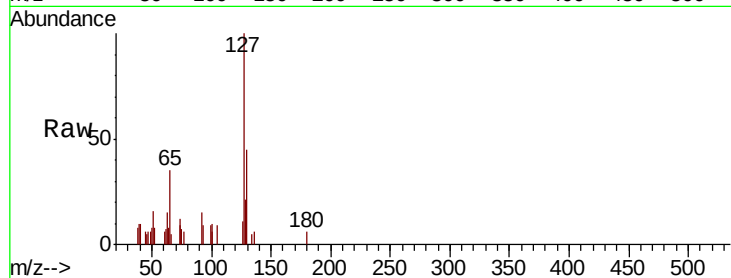
#33
4-Chloroaniline
Concen: 2.653 ng
RT: 11.01 min Scan# 1348
Delta R.T. 0.02 min
Lab File: BG043392.D
Acq: 30 Oct 2019 3:57

Instrument :
BNA_G
ClientSampleId :
HR-06-102519MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	45.2	25.8	38.8#
65	34.6	26.2	39.2
92	14.7	17.0	25.4#

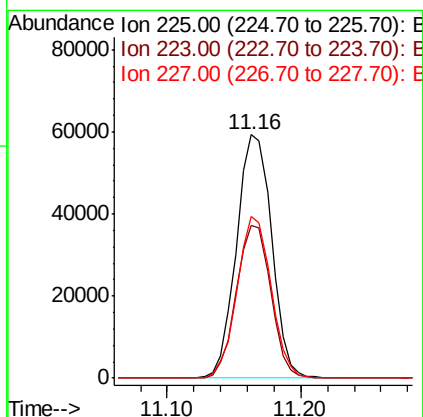
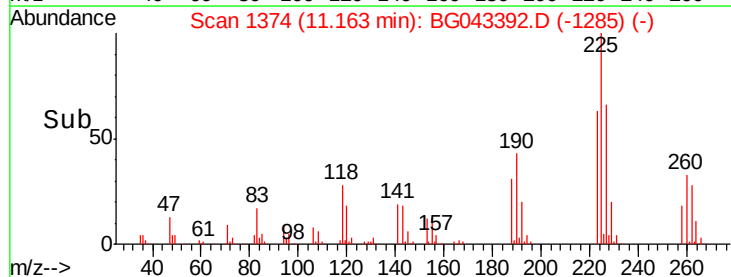
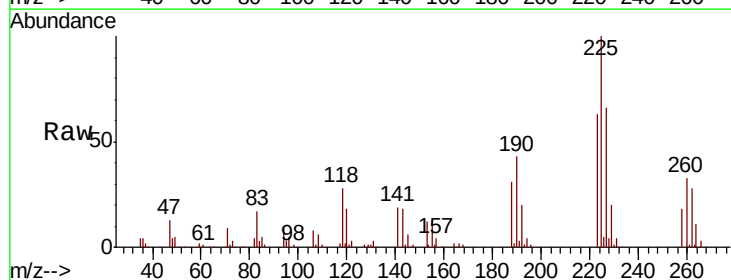
Manual Integrations
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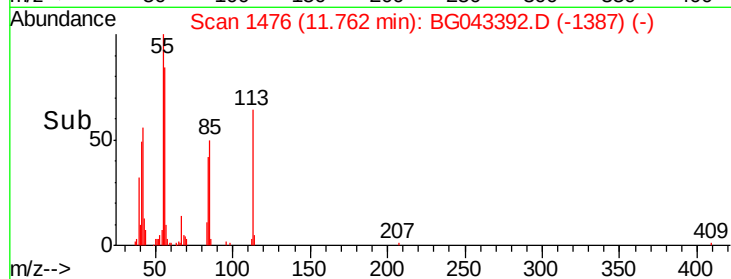
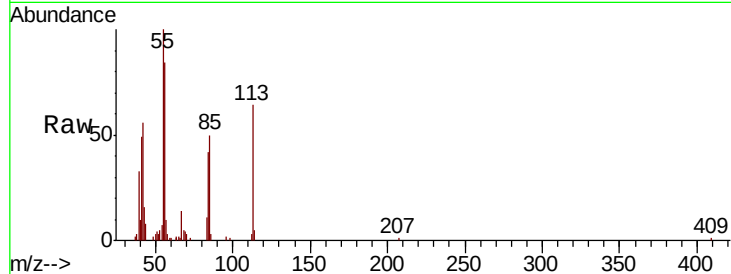
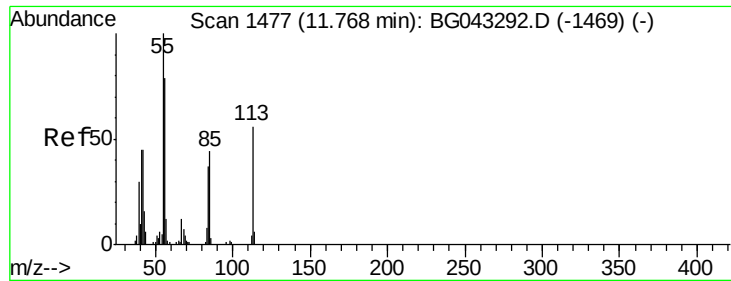
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#34
Hexachlorobutadiene
Concen: 42.123 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BG043392.D
Acq: 30 Oct 2019 3:57

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	53.2	79.8
227	66.2	56.2	84.2





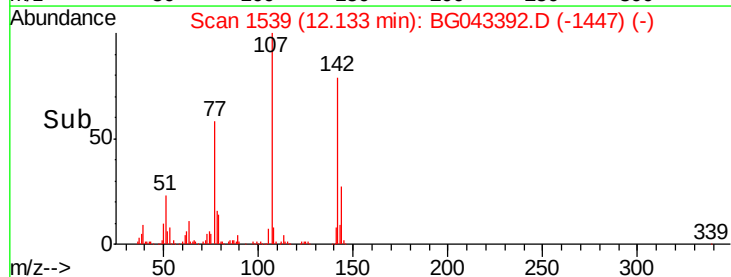
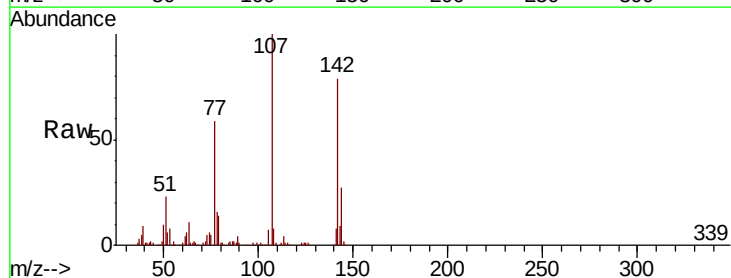
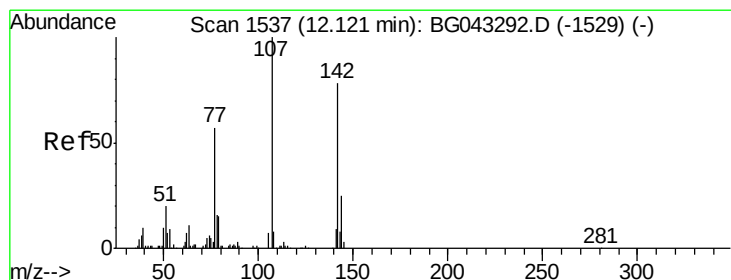
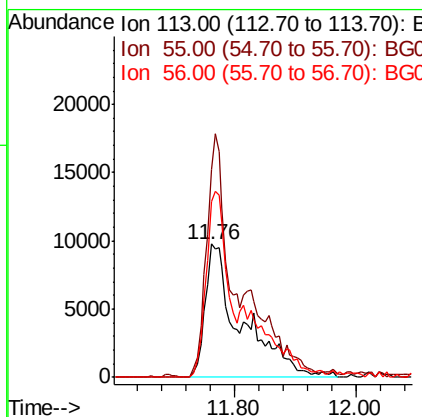
#35
Caprolactam
Concen: 42.415 ng/ml
RT: 11.76 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BG043392.D
Acq: 30 Oct 2019 3:57

Instrument :
BNA_G
ClientSampleId :
HR-06-102519MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	156.0	158.9	198.9#
56	131.5	121.4	161.4

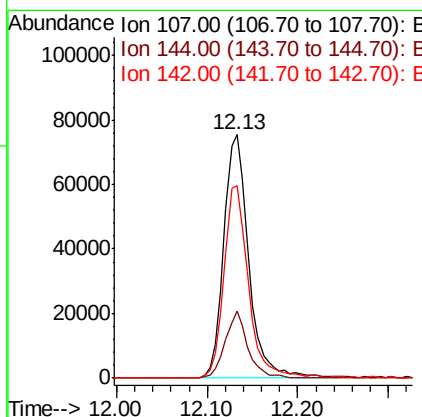
Manual Integrations
APPROVED

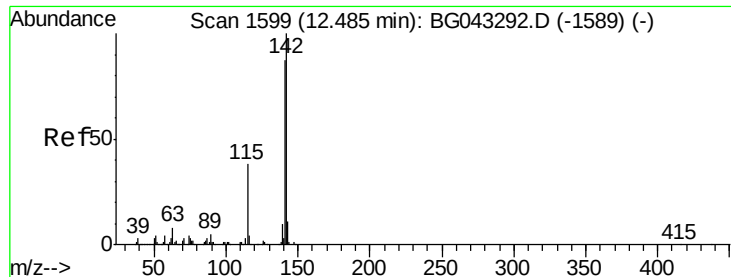
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 47.829 ng/ml
RT: 12.13 min Scan# 1539
Delta R.T. 0.01 min
Lab File: BG043392.D
Acq: 30 Oct 2019 3:57

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.3	19.9	29.9
142	79.0	62.1	93.1





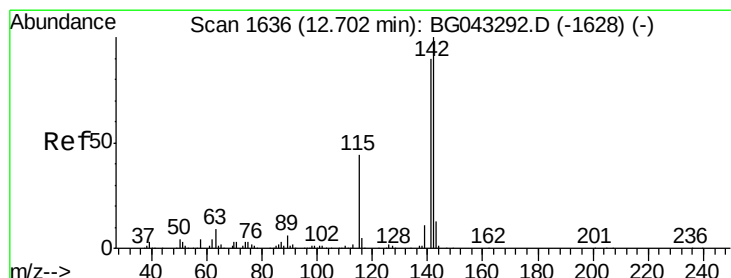
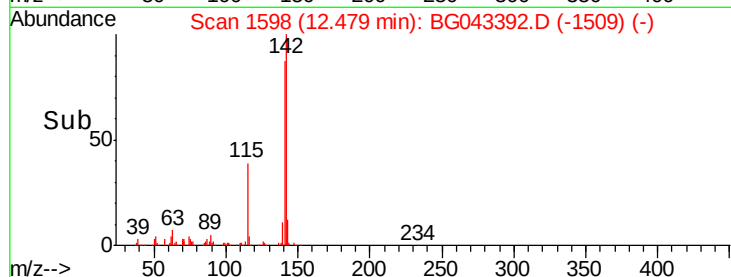
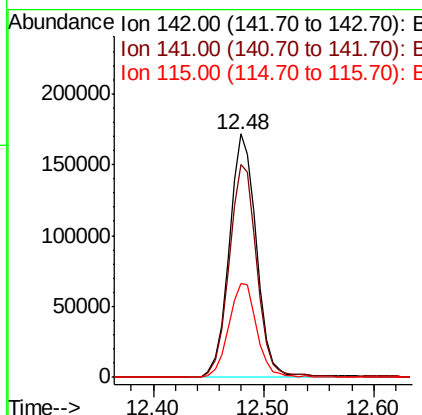
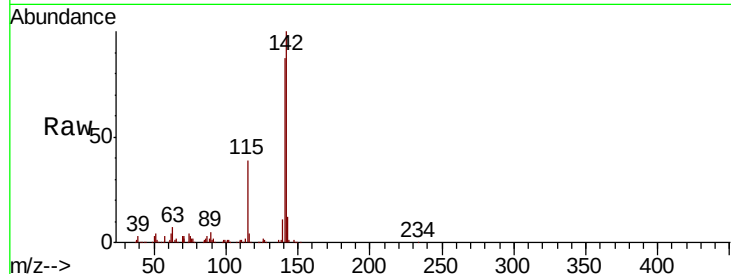
#37
2-Methylnaphthalene
Concen: 45.263 ng
RT: 12.48 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BG043392.D
Acq: 30 Oct 2019 3:57

Instrument :
BNA_G
ClientSampleId :
HR-06-102519MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.4	69.7	104.5
115	38.6	30.6	46.0

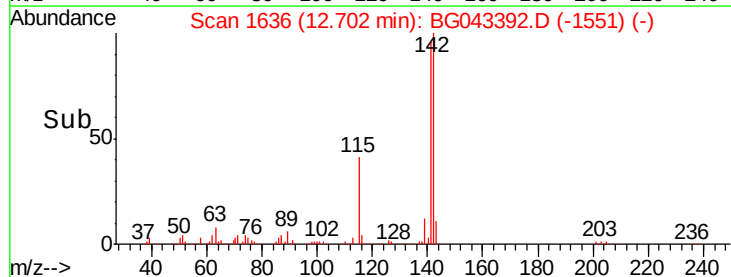
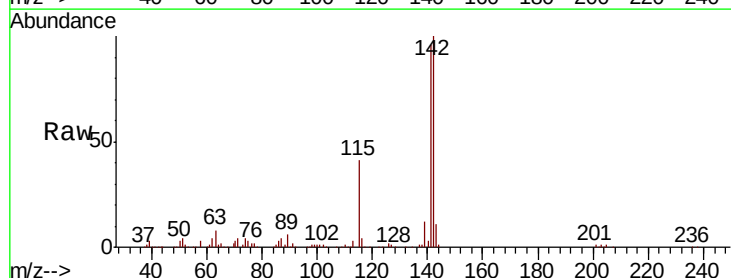
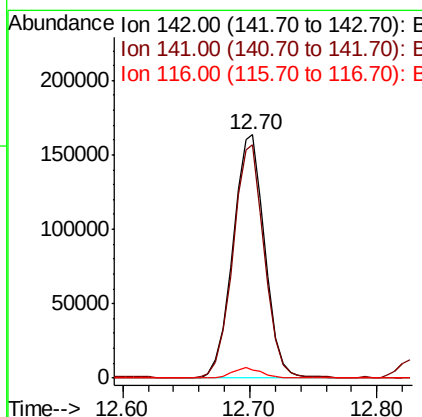
Manual Integrations
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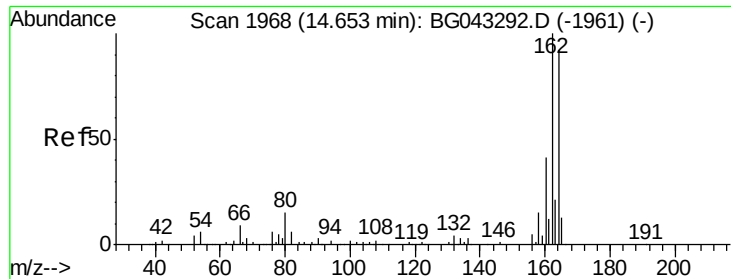
mohammad
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#38
1-Methylnaphthalene
Concen: 45.742 ng m
RT: 12.70 min Scan# 1636
Delta R.T. 0.00 min
Lab File: BG043392.D
Acq: 30 Oct 2019 3:57

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.9	72.3	108.5
116	3.6	3.8	5.6#





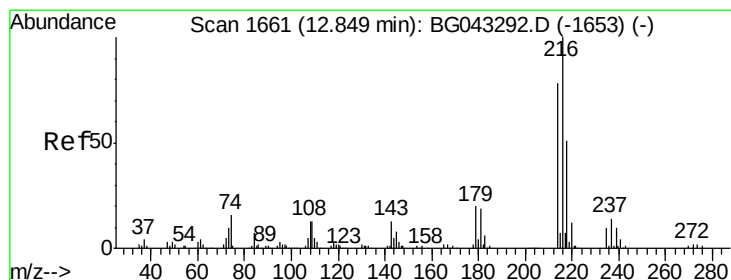
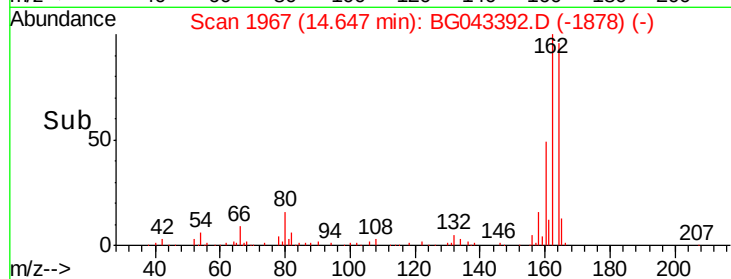
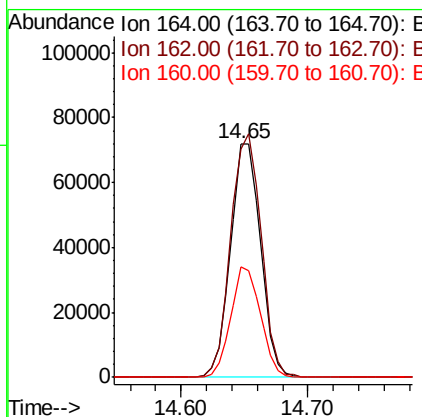
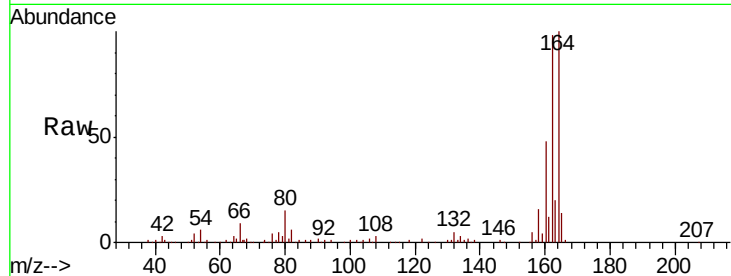
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1967
 Delta R.T. -0.01 min
 Lab File: BG043392.D
 Acq: 30 Oct 2019 3:57

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-102519MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	97.9	87.0	130.4
160	47.6	35.5	53.3

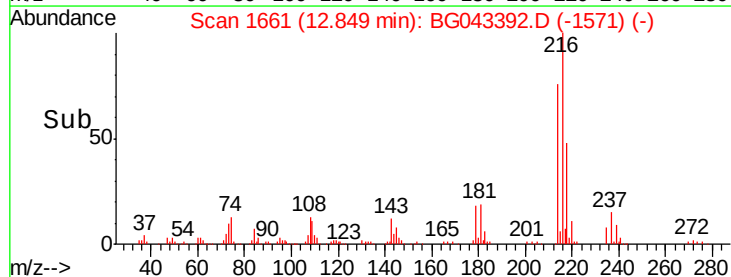
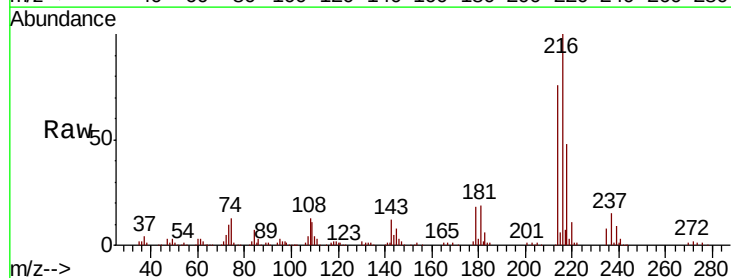
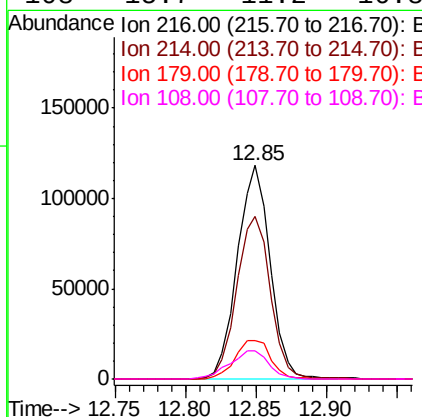
Manual Integrations
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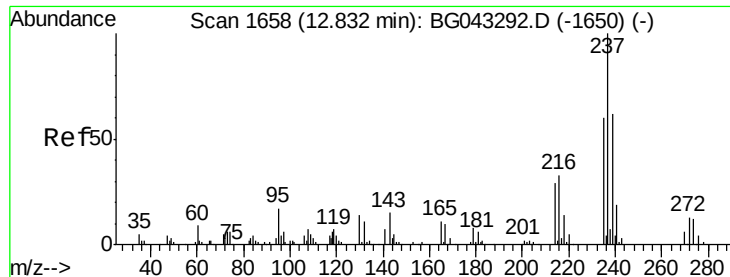
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.879 ng
 RT: 12.85 min Scan# 1661
 Delta R.T. 0.00 min
 Lab File: BG043392.D
 Acq: 30 Oct 2019 3:57

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.5	95.3
179	19.8	16.2	24.2
108	15.7	11.2	16.8





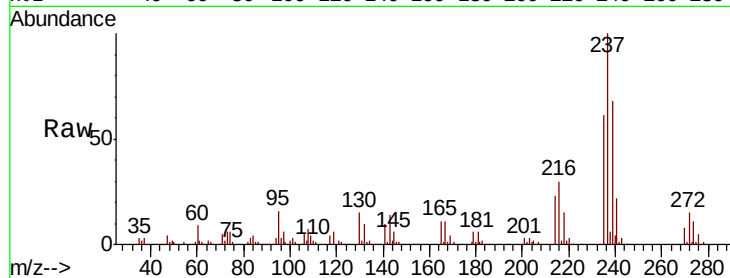
#41
Hexachlorocyclopentadiene
Concen: 84.813 ng
RT: 12.83 min Scan# 1658
Delta R.T. 0.00 min
Lab File: BG043392.D
Acq: 30 Oct 2019 3:57

Instrument :
BNA_G
ClientSampleId :
HR-06-102519MS

Tot Ion	Ratio	Resp	Lower	Upper
237	100	194860		
235	61.4	40.3	80.3	
272	14.6	0.0	32.9	

Manual Integrations
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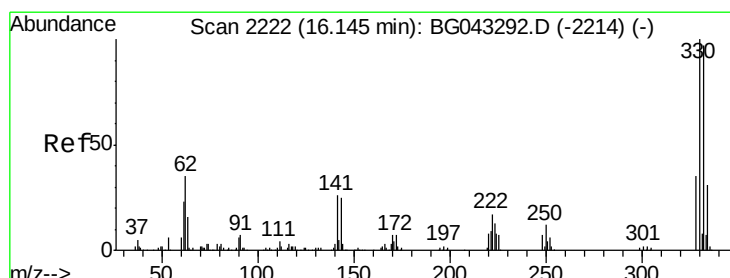
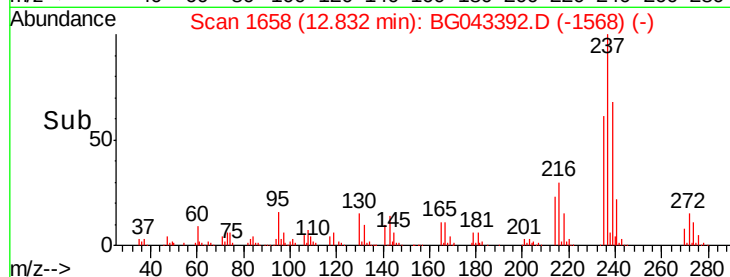
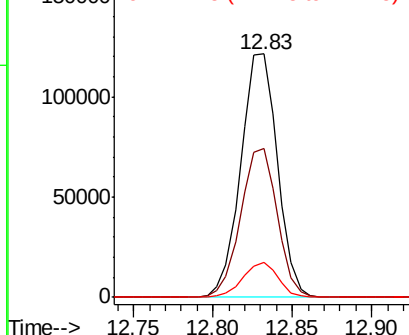


Abundance

Ion 236.80 (236.50 to 237.50): E

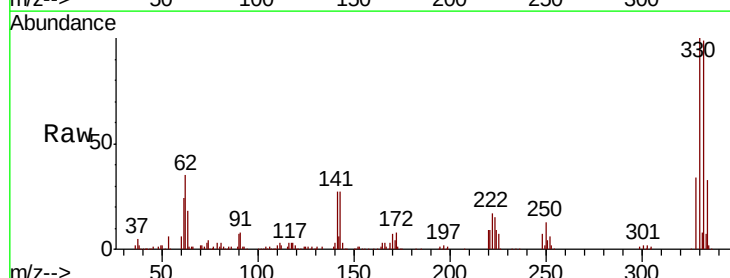
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 129.238 ng
RT: 16.15 min Scan# 2222
Delta R.T. 0.00 min
Lab File: BG043392.D
Acq: 30 Oct 2019 3:57

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	290652		
332	96.0	76.4	114.6	
141	27.8	21.4	32.0	

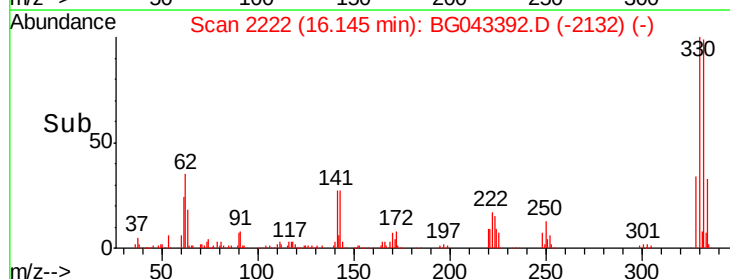
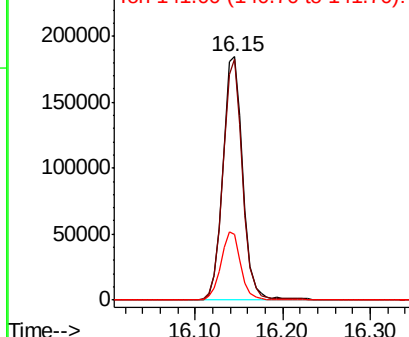


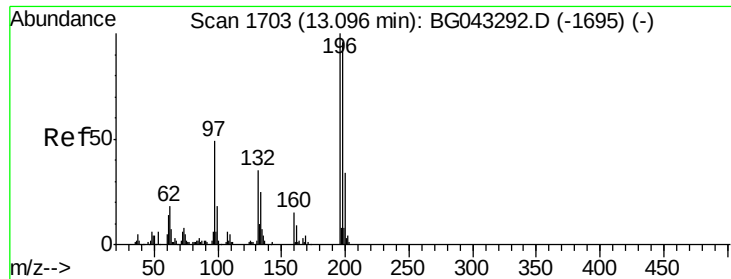
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





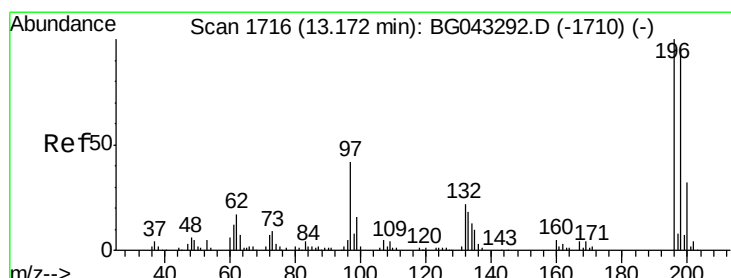
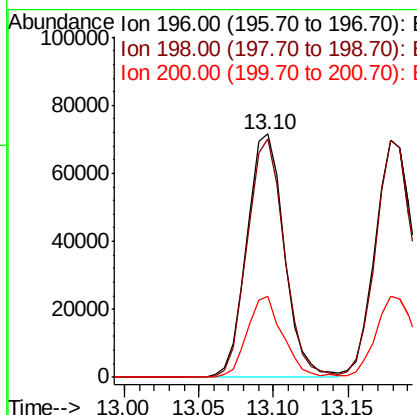
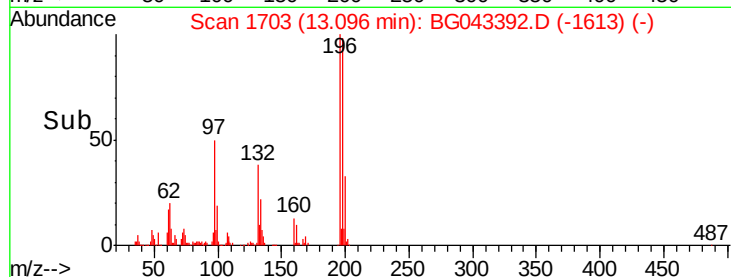
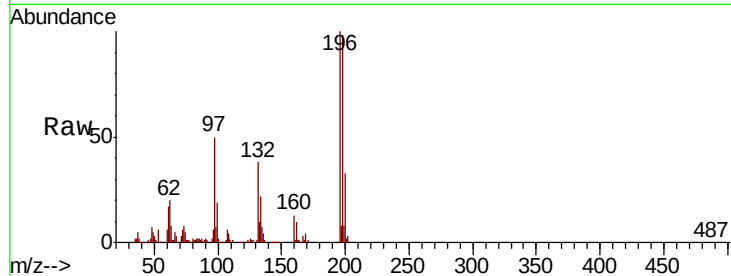
#43
 2,4,6-Trichlorophenol
 Concen: 48.241 ng
 RT: 13.10 min Scan# 1703
 Delta R.T. 0.00 min
 Lab File: BG043392.D
 Acq: 30 Oct 2019 3:57

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-102519MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	124254		
198	97.9	77.0	115.4	
200	33.5	27.4	41.2	

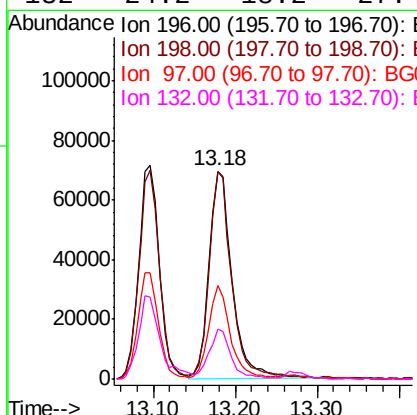
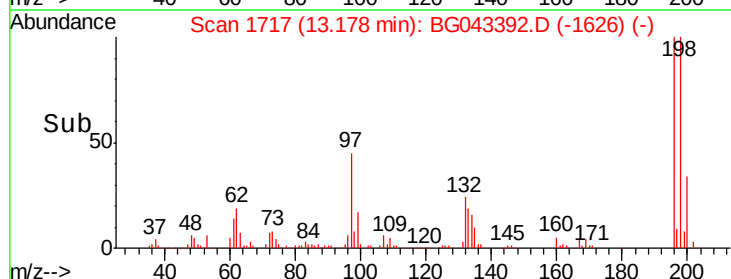
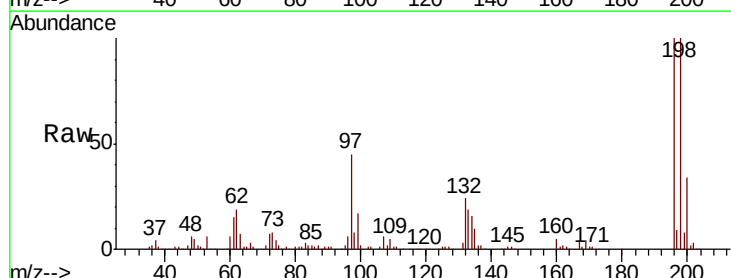
Manual Integrations
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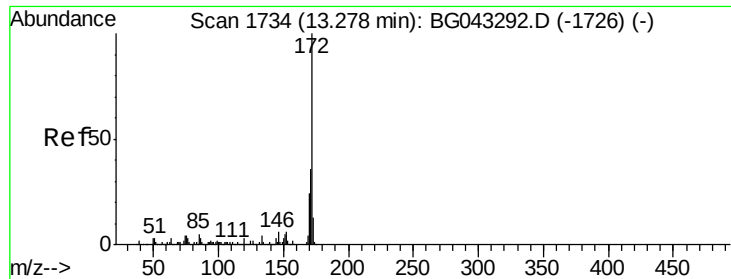
mohammad
 10/30/2019 4:54:42 PM



#44
 2,4,5-Trichlorophenol
 Concen: 52.507 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.01 min
 Lab File: BG043392.D
 Acq: 30 Oct 2019 3:57

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	136728		
198	100.2	76.6	114.8	
97	44.9	34.1	51.1	
132	24.2	18.2	27.4	





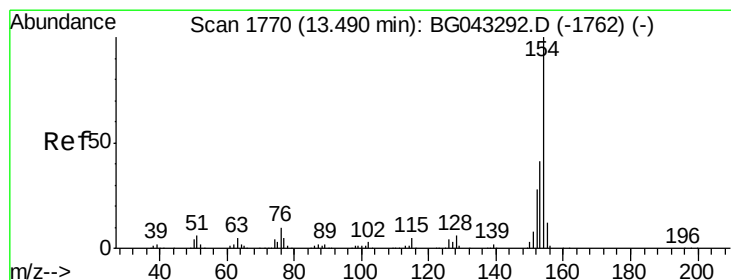
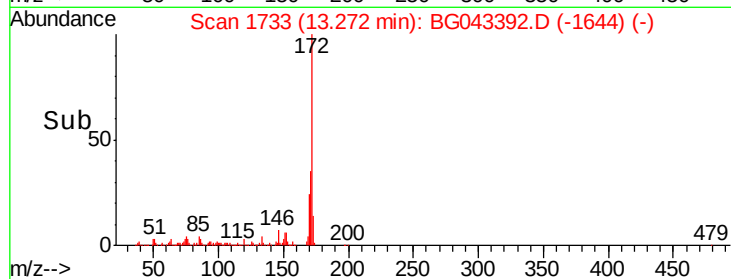
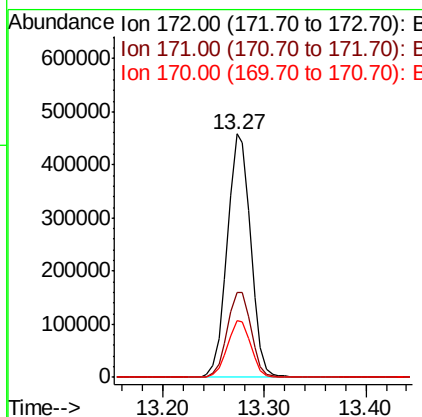
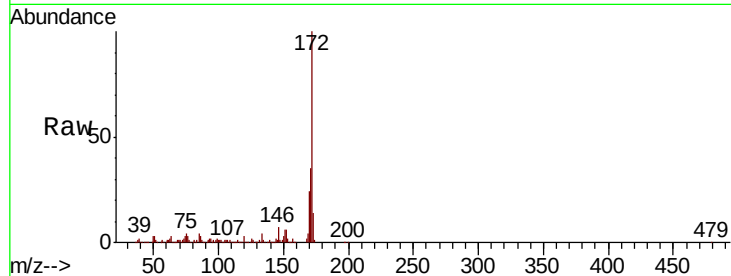
#45
2-Fluorobiphenyl
Concen: 85.902 ng
RT: 13.27 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BG043392.D
Acq: 30 Oct 2019 3:57

Instrument :
BNA_G
ClientSampleId :
HR-06-102519MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.5	42.7
170	23.6	18.8	28.2

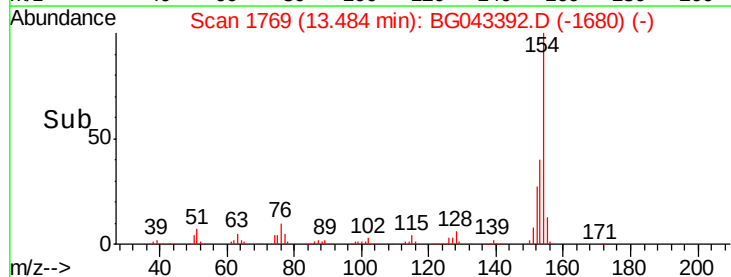
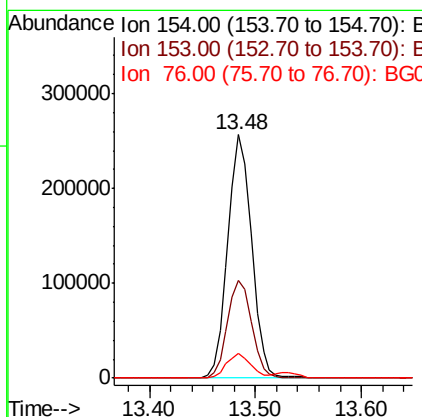
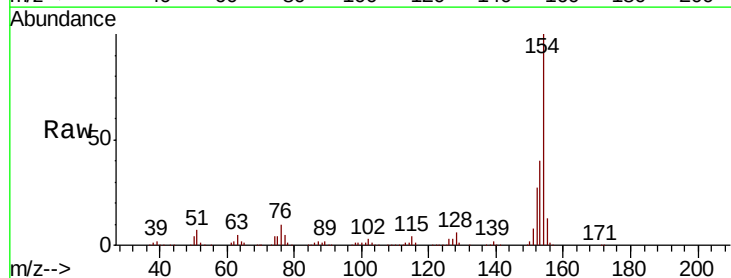
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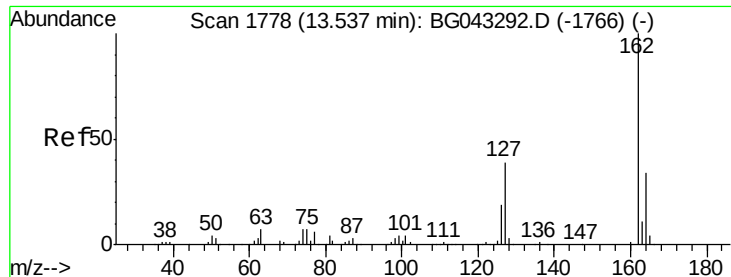
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#46
1,1'-Biphenyl
Concen: 44.708 ng
RT: 13.48 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BG043392.D
Acq: 30 Oct 2019 3:57

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	21.0	61.0
76	10.1	0.0	29.8





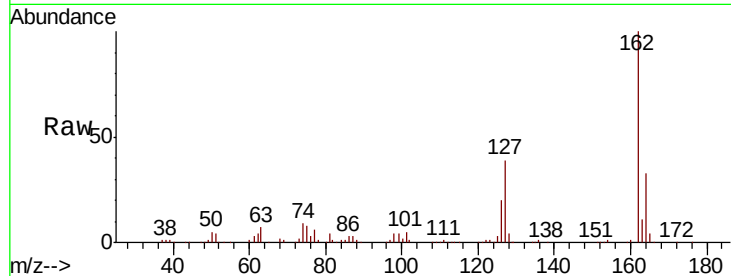
#47
2-Chloronaphthalene
Concen: 45.413 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BG043392.D
Acq: 30 Oct 2019 3:57

Instrument :
BNA_G
ClientSampleId :
HR-06-102519MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.9	31.3	46.9
164	32.9	26.8	40.2

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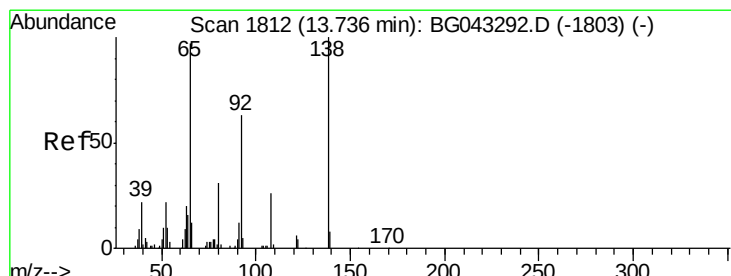
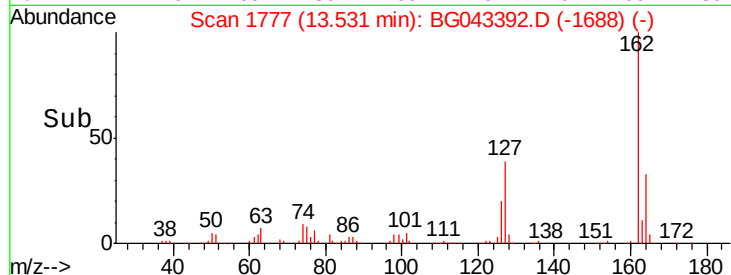
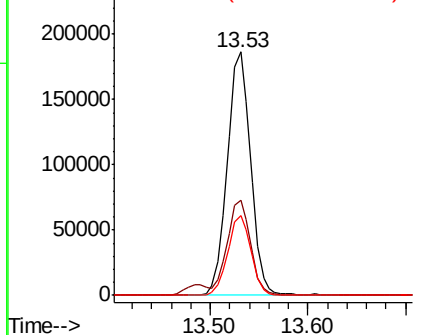


Abundance

Ion 162.00 (161.70 to 162.70): E

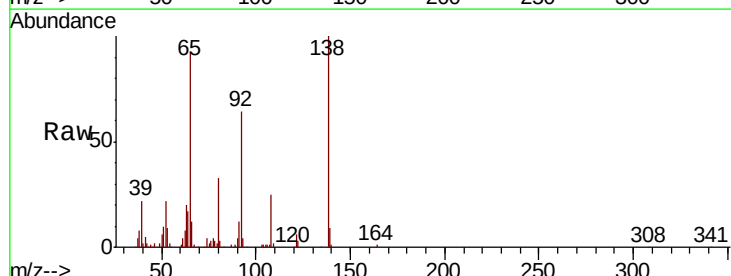
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 46.125 ng
RT: 13.74 min Scan# 1812
Delta R.T. 0.00 min
Lab File: BG043392.D
Acq: 30 Oct 2019 3:57

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.1	52.6	79.0
138	107.7	82.9	124.3

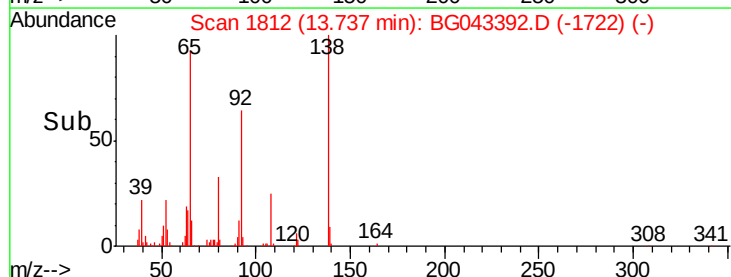
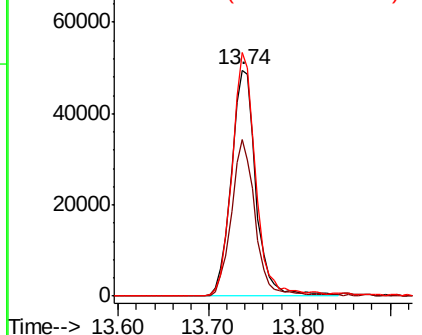


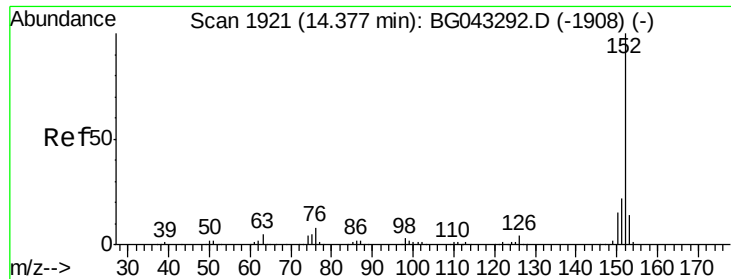
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





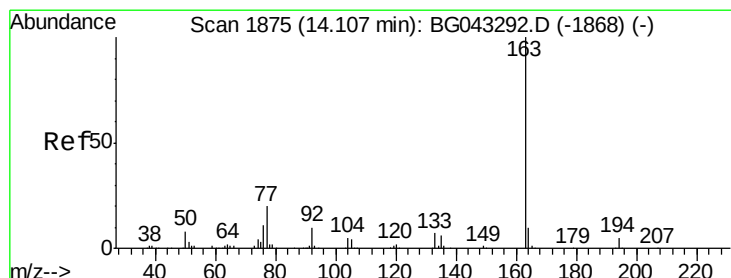
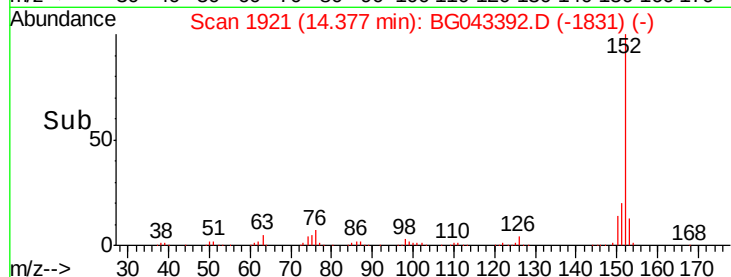
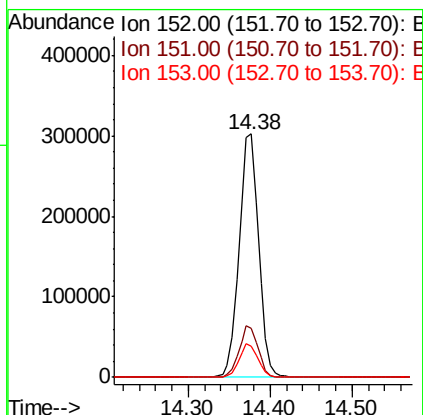
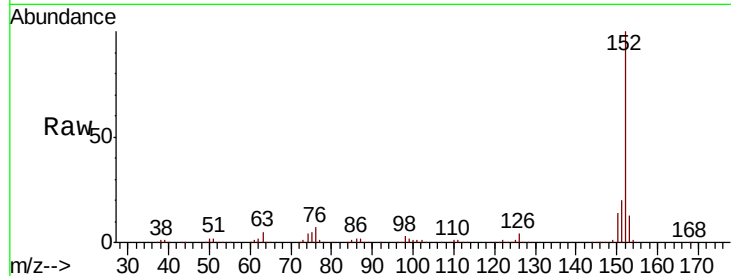
#49
Acenaphthylene
Concen: 47.275 ng
RT: 14.38 min Scan# 1921
Delta R.T. 0.00 min
Lab File: BG043392.D
Acq: 30 Oct 2019 3:57

Instrument :
BNA_G
ClientSampleId :
HR-06-102519MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.3	17.2	25.8
153	13.0	11.0	16.6

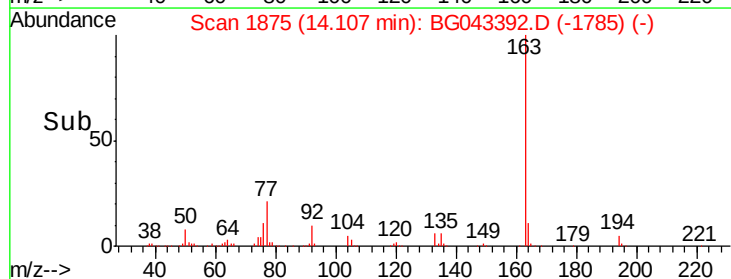
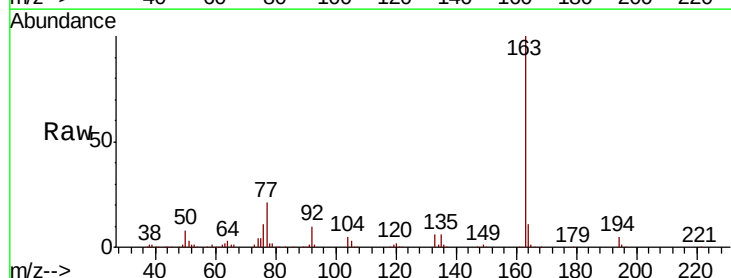
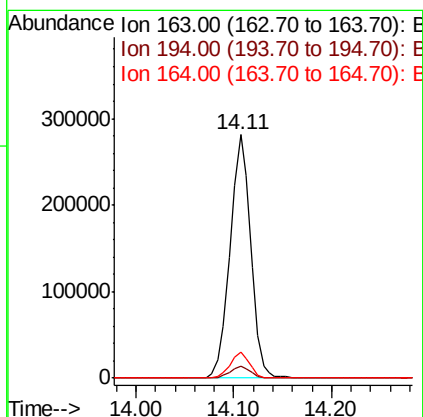
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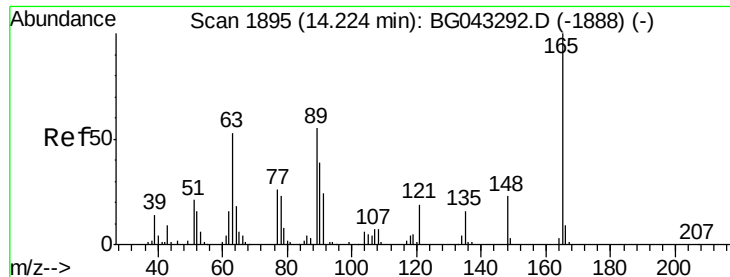
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#50
Dimethylphthalate
Concen: 45.096 ng
RT: 14.11 min Scan# 1875
Delta R.T. 0.00 min
Lab File: BG043392.D
Acq: 30 Oct 2019 3:57

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.7	5.5
164	10.9	8.1	12.1





#51

2,6-Dinitrotoluene

Concen: 46.384 ng

RT: 14.22 min Scan# 1895

Delta R.T. 0.00 min

Lab File: BG043392.D

Acq: 30 Oct 2019 3:57

Instrument :

BNA_G

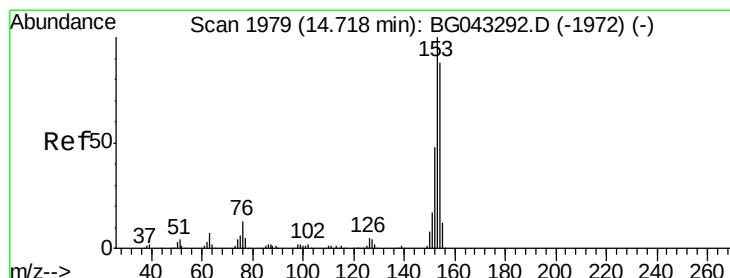
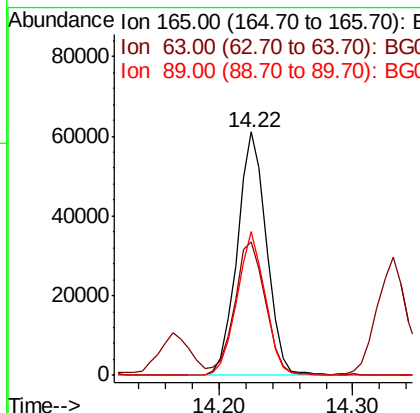
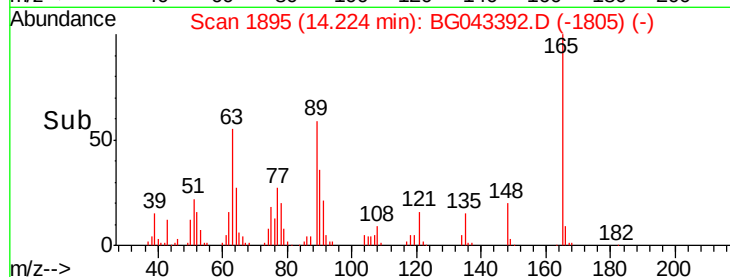
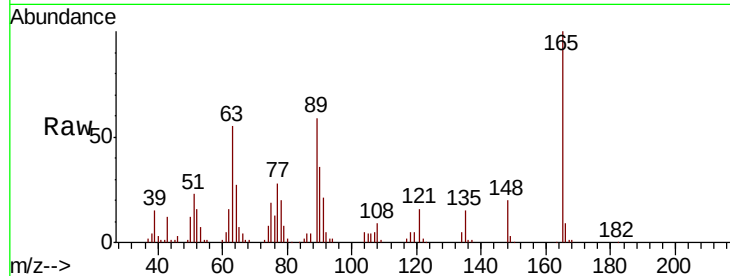
ClientSampleId :

HR-06-102519MS

Tot Ion:	165	Resp:	92241
Ion Ratio	Lower	Upper	
165	100		
63	54.9	47.1	70.7
89	59.3	43.7	65.5

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#52

Acenaphthene

Concen: 46.383 ng

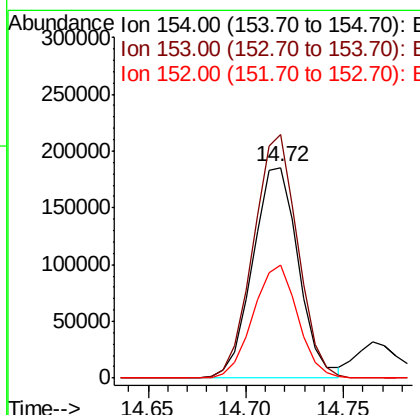
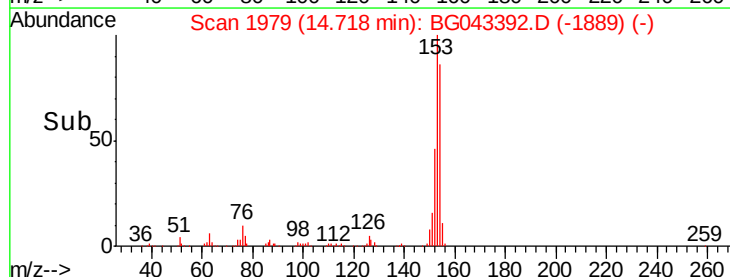
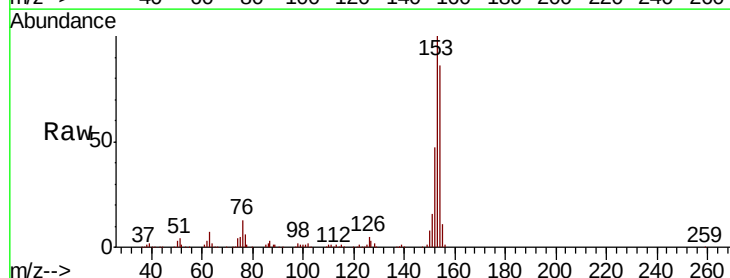
RT: 14.72 min Scan# 1979

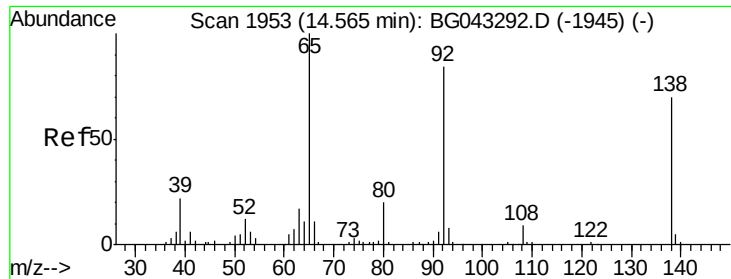
Delta R.T. 0.00 min

Lab File: BG043392.D

Acq: 30 Oct 2019 3:57

Tgt Ion:	154	Resp:	301142
Ion Ratio	Lower	Upper	
154	100		
153	115.6	90.9	136.3
152	53.9	43.9	65.9





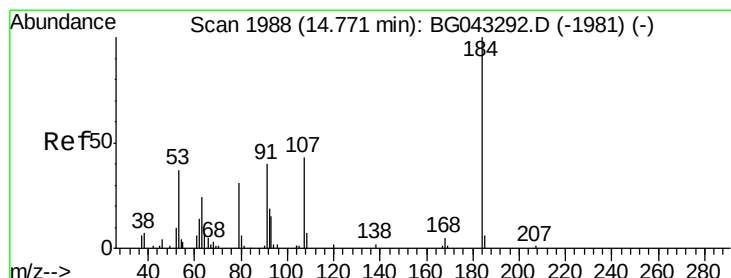
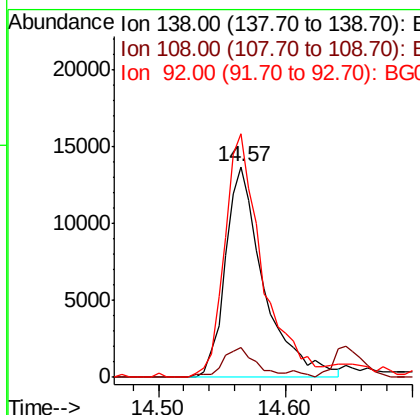
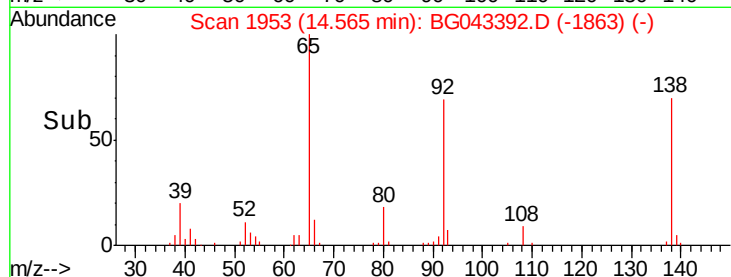
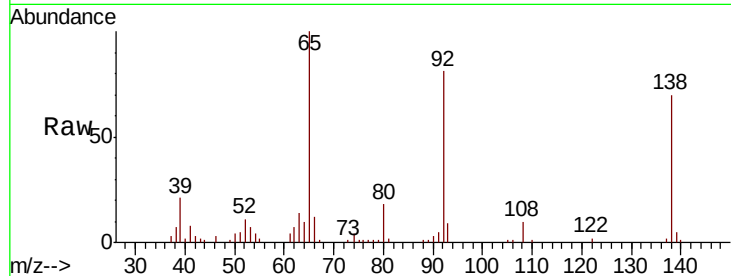
#53
 3-Nitroaniline
 Concen: 14.967 ng
 RT: 14.57 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: BG043392.D
 Acq: 30 Oct 2019 3:57

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-102519MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	14.2	9.8	14.6
92	115.7	95.8	143.6

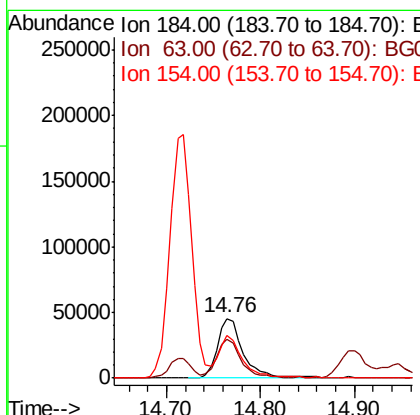
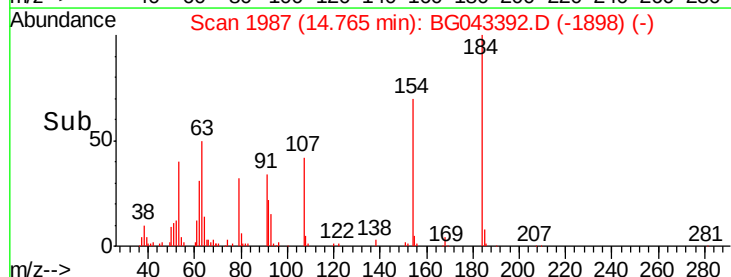
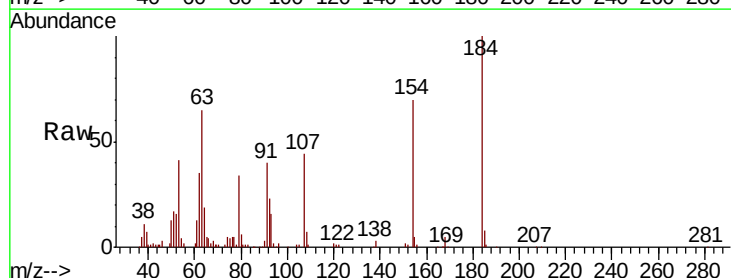
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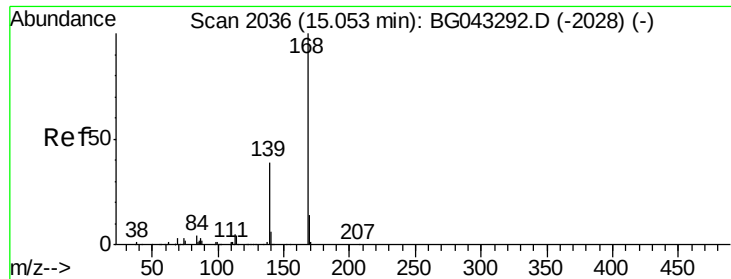
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#54
 2,4-Dinitrophenol
 Concen: 71.242 ng
 RT: 14.76 min Scan# 1987
 Delta R.T. -0.01 min
 Lab File: BG043392.D
 Acq: 30 Oct 2019 3:57

Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.0	48.8	73.2
154	70.2	49.4	74.0





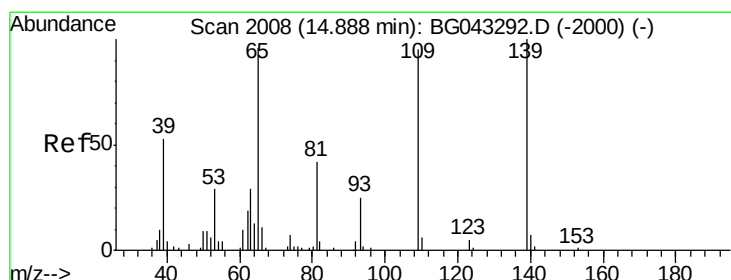
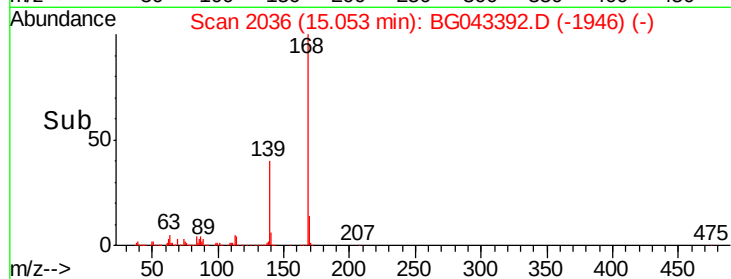
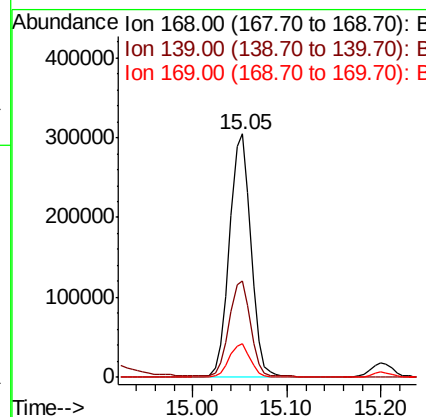
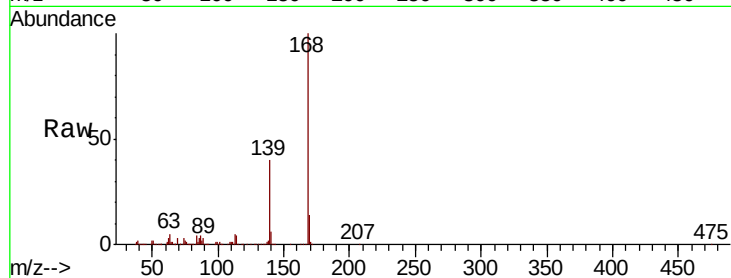
#55
Dibenzenofuran
Concen: 46.129 ng
RT: 15.05 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BG043392.D
Acq: 30 Oct 2019 3:57

Instrument :
BNA_G
ClientSampleId :
HR-06-102519MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.9	31.7	47.5
169	13.7	11.0	16.4

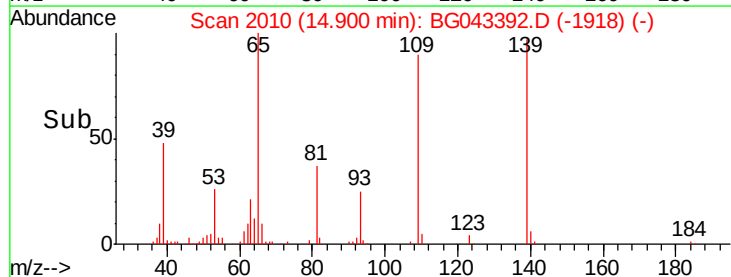
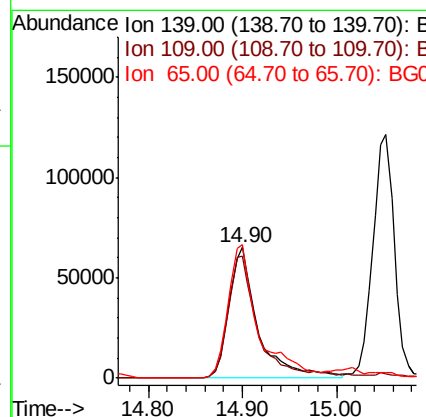
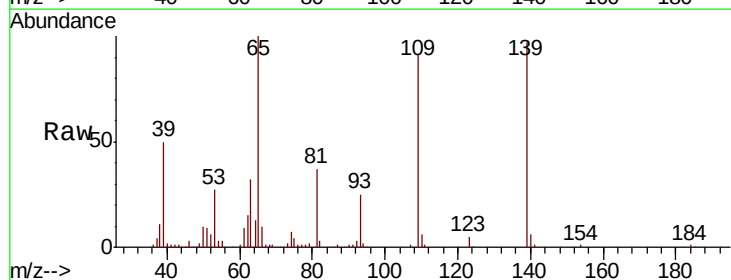
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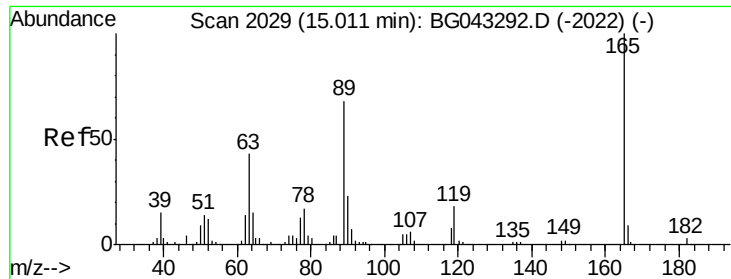
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#56
4-Nitrophenol
Concen: 109.231 ng
RT: 14.90 min Scan# 2010
Delta R.T. 0.01 min
Lab File: BG043392.D
Acq: 30 Oct 2019 3:57

Tgt Ion	Ratio	Lower	Upper
139	100		
109	93.7	75.4	115.4
65	102.8	76.6	116.6





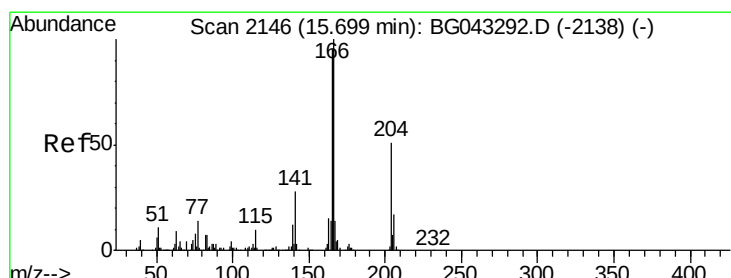
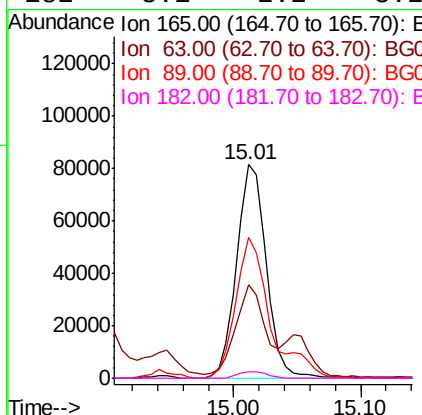
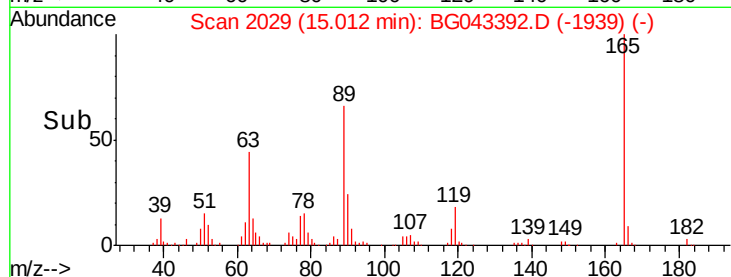
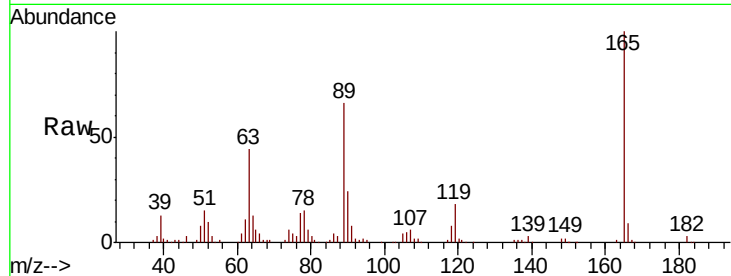
#57
2,4-Dinitrotoluene
Concen: 46.063 ng
RT: 15.01 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BG043392.D
Acq: 30 Oct 2019 3:57

Instrument :
BNA_G
ClientSampleId :
HR-06-102519MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		130911		
63	43.8	35.0	52.6		
89	65.7	54.1	81.1		
182	3.1	2.2	3.2		

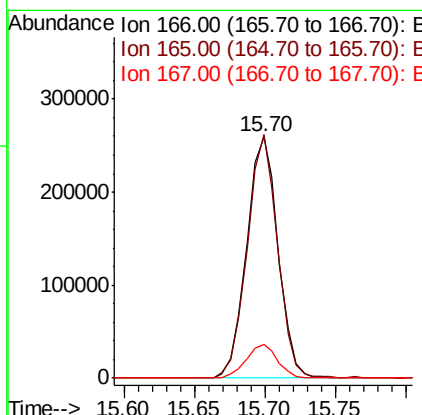
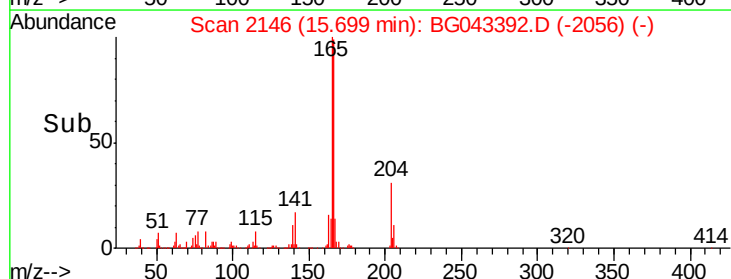
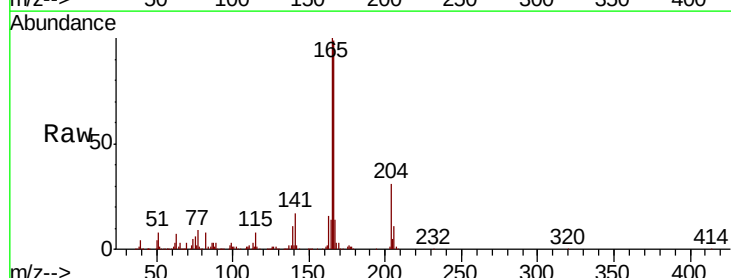
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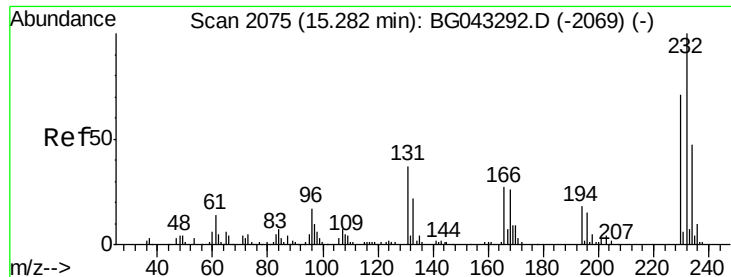
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#58
Fluorene
Concen: 45.846 ng
RT: 15.70 min Scan# 2146
Delta R.T. 0.00 min
Lab File: BG043392.D
Acq: 30 Oct 2019 3:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		404844		
165	101.0	76.4	114.6		
167	13.8	11.1	16.7		





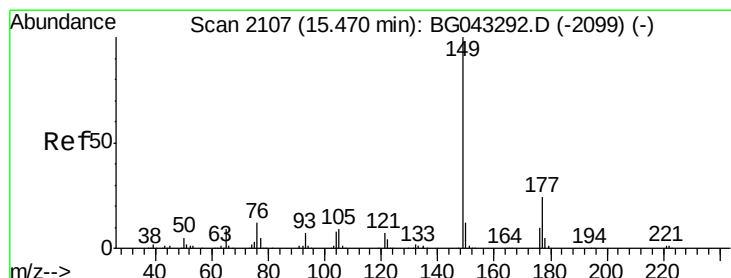
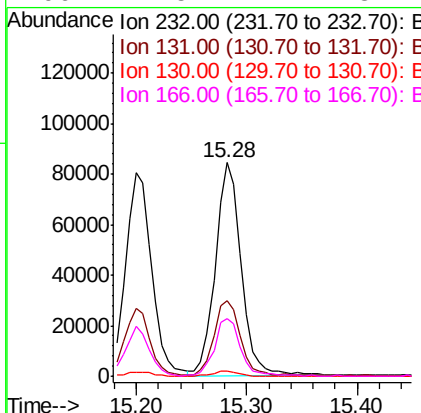
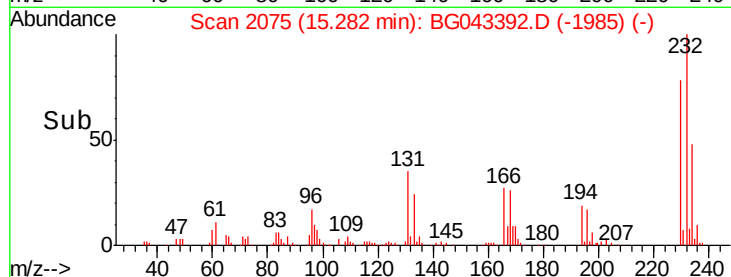
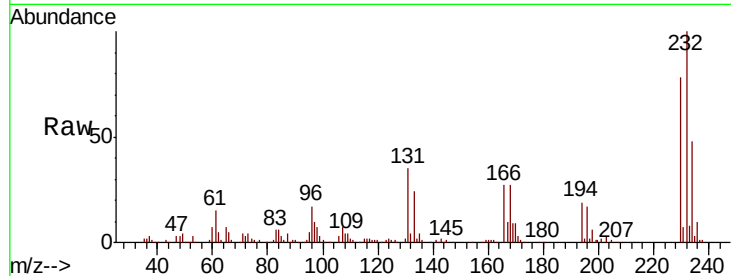
#59
2,3,4,6-Tetrachlorophenol
Concen: 49.226 ng
RT: 15.28 min Scan# 2075
Delta R.T. 0.00 min
Lab File: BG043392.D
Acq: 30 Oct 2019 3:57

Instrument :
BNA_G
ClientSampleId :
HR-06-102519MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100			
131	35.0	28.7	43.1	
130	2.2	0.6	0.8	
166	27.5	21.1	31.7	

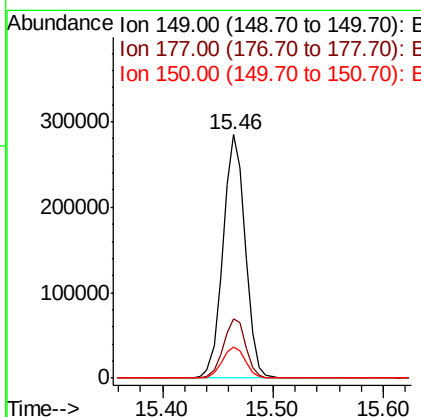
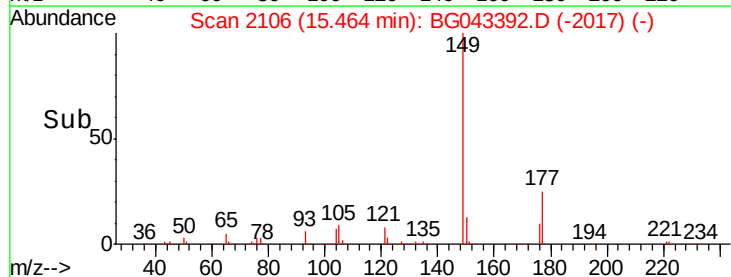
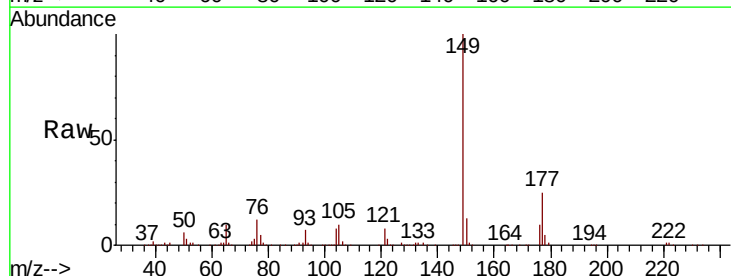
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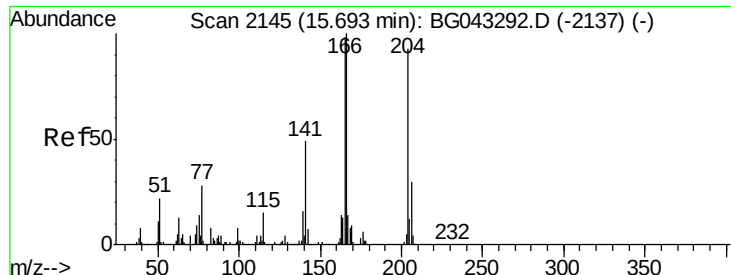
mohammad
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#60
Diethylphthalate
Concen: 43.691 ng
RT: 15.46 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BG043392.D
Acq: 30 Oct 2019 3:57

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
177	24.6	19.0	28.4	
150	13.0	9.4	14.0	





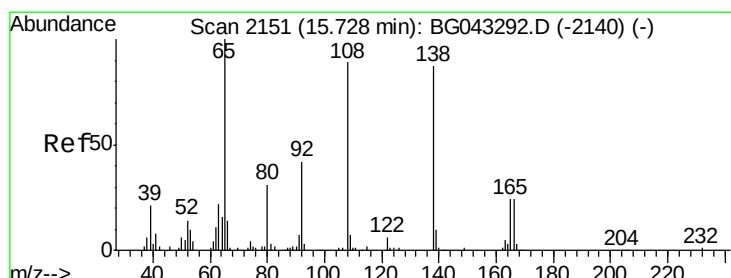
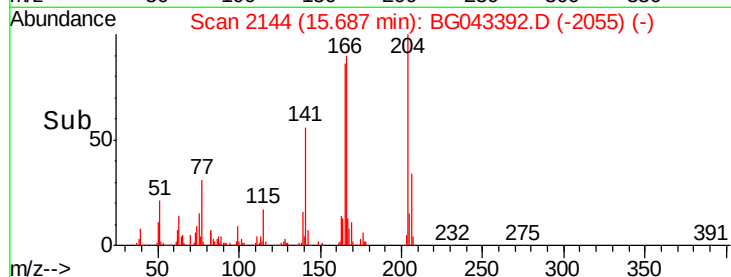
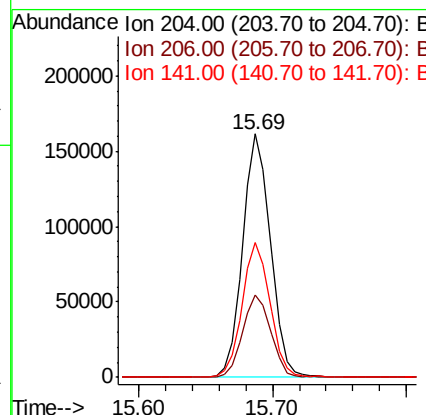
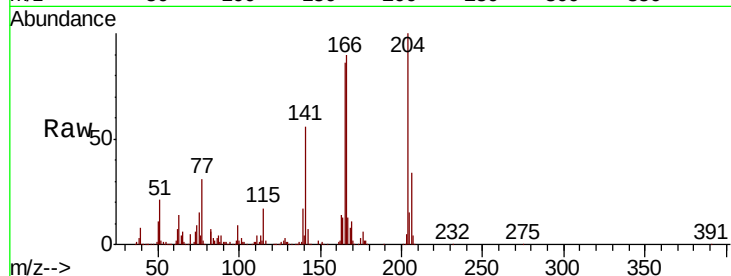
#61
 4-Chlorophenyl-phenylether
 Concen: 45.125 ng
 RT: 15.69 min Scan# 2144
 Delta R.T. -0.01 min
 Lab File: BG043392.D
 Acq: 30 Oct 2019 3:57

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-102519MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.7	25.7	38.5
141	55.6	42.3	63.5

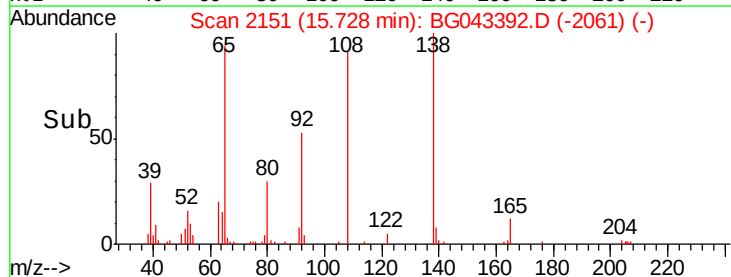
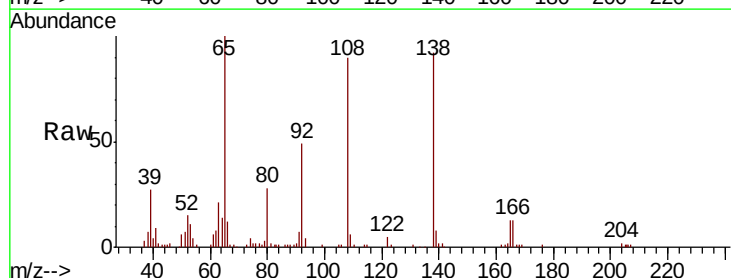
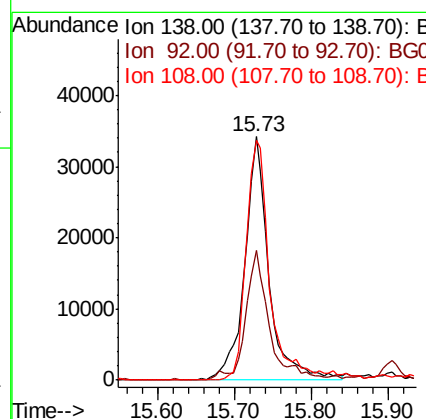
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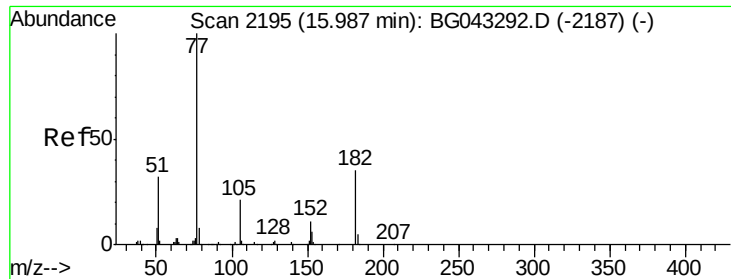
mohammad
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#62
 4-Nitroaniline
 Concen: 37.982 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. 0.00 min
 Lab File: BG043392.D
 Acq: 30 Oct 2019 3:57

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.3	28.8	68.8
108	98.4	82.7	122.7





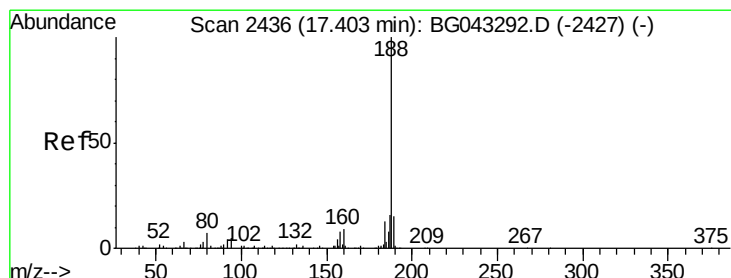
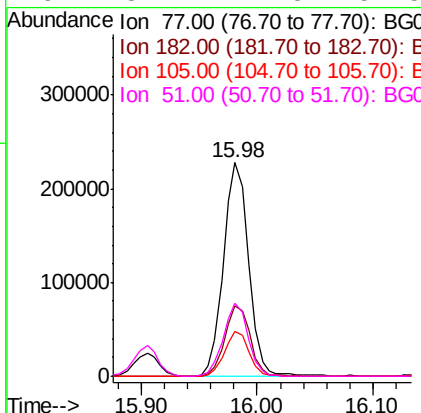
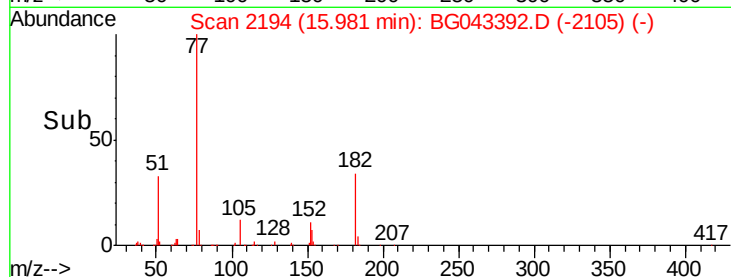
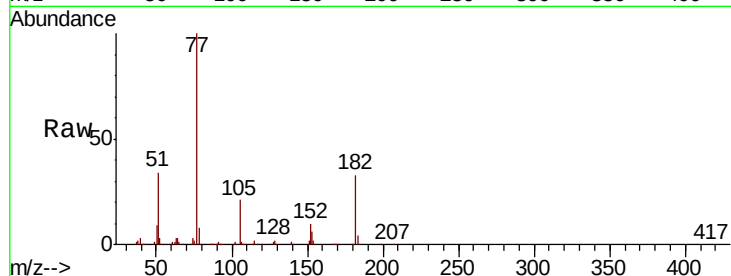
#63
Azobenzene
Concen: 45.869 ng
RT: 15.98 min Scan# 2194
Delta R.T. -0.01 min
Lab File: BG043392.D
Acq: 30 Oct 2019 3:57

Instrument :
BNA_G
ClientSampleId :
HR-06-102519MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		341444		
182	32.7	14.9	54.9		
105	20.8	0.6	40.6		
51	34.4	12.5	52.5		

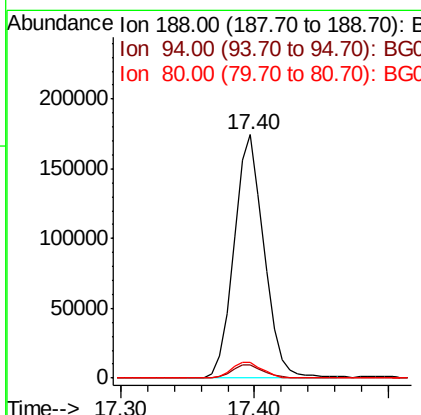
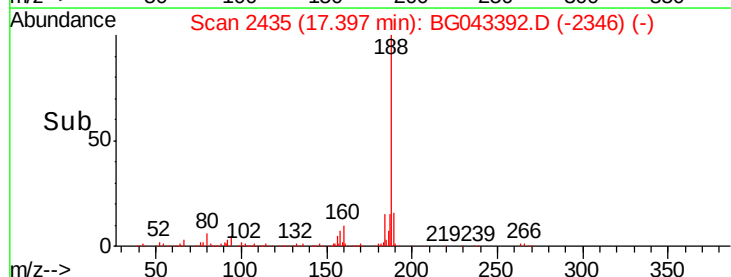
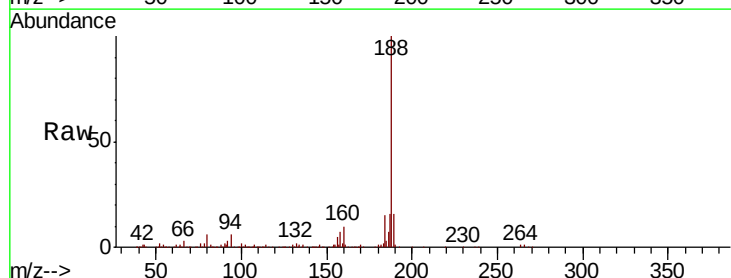
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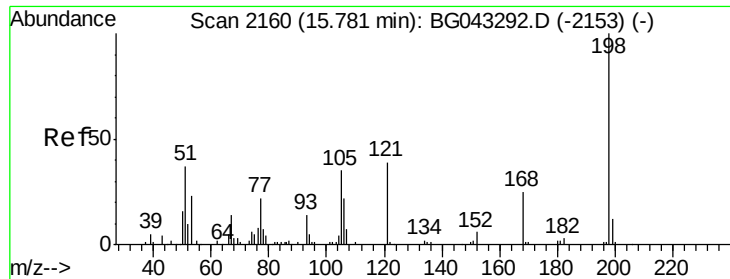
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG043392.D
Acq: 30 Oct 2019 3:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		271714		
94	5.6	4.2	6.2		
80	6.5	5.2	7.8		





#65

4,6-Dinitro-2-methylphenol

Concen: 46.044 ng

RT: 15.78 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BG043392.D

Acq: 30 Oct 2019 3:57

Instrument :

BNA_G

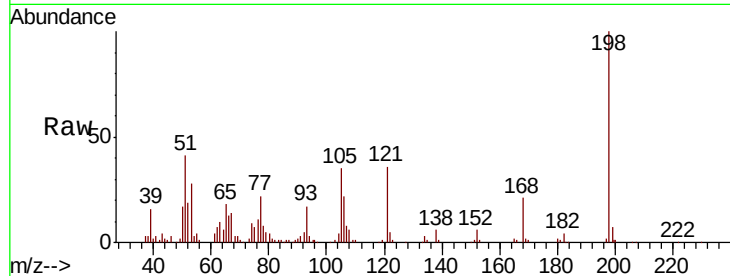
ClientSampleId :

HR-06-102519MS

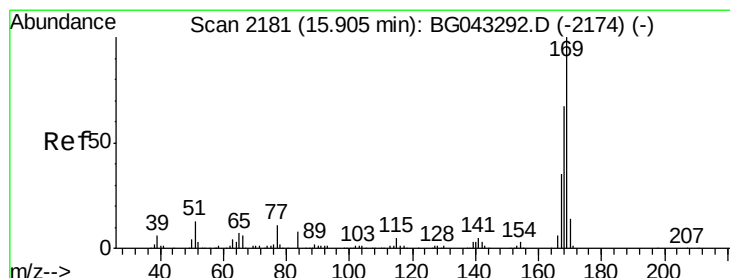
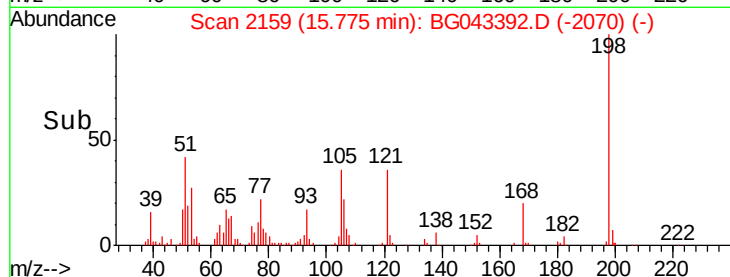
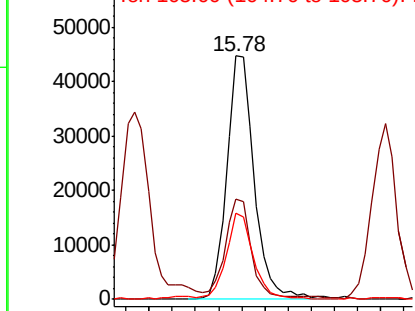
Tot Ion:	198	Resp:	73627
Ion Ratio	Lower	Upper	
198	100		
51	41.3	21.4	61.4
105	35.5	16.5	56.5

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



#66

n-Nitrosodiphenylamine

Concen: 46.793 ng

RT: 15.90 min Scan# 2181

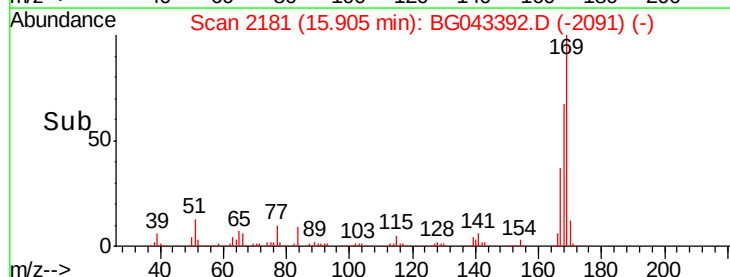
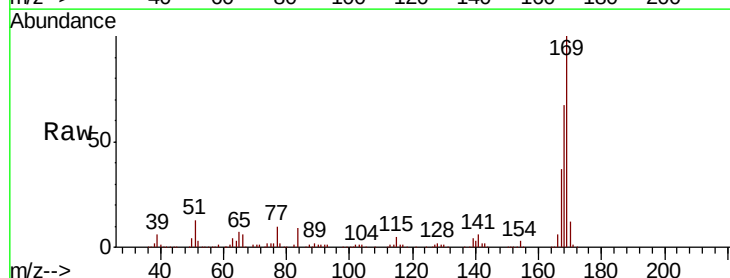
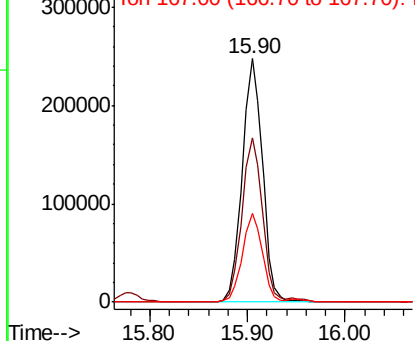
Delta R.T. 0.00 min

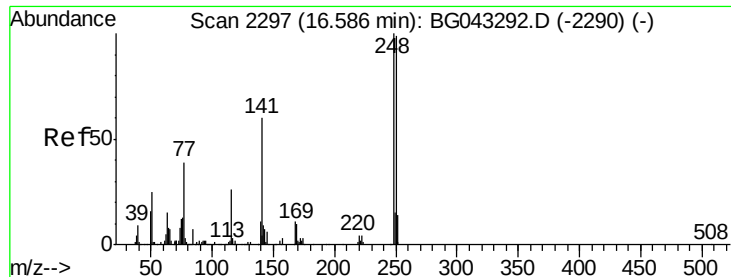
Lab File: BG043392.D

Acq: 30 Oct 2019 3:57

Tgt Ion:	169	Resp:	358959
Ion Ratio	Lower	Upper	
169	100		
168	67.4	53.9	80.9
167	36.7	28.3	42.5

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





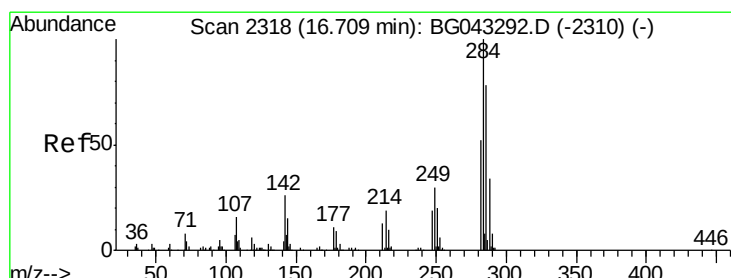
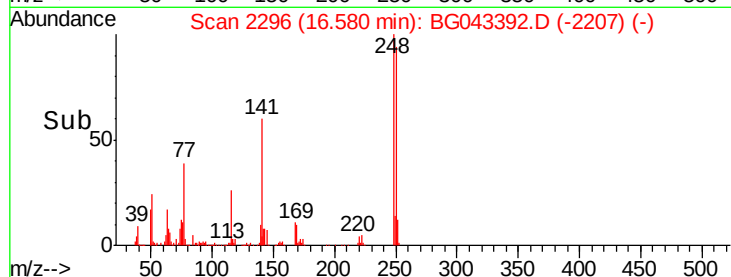
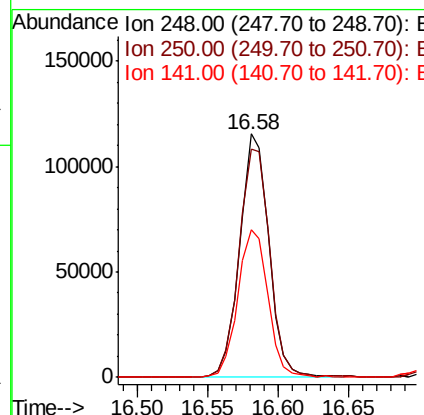
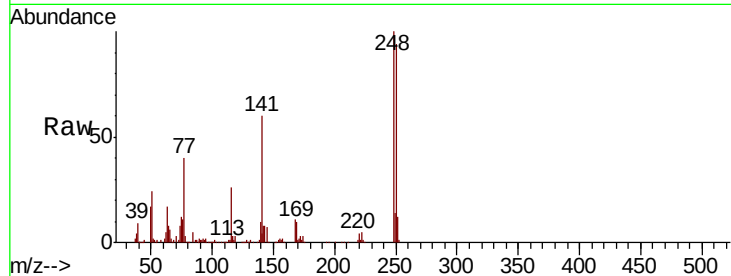
#67
4-Bromophenyl-phenylether
Concen: 45.569 ng
RT: 16.58 min Scan# 2296
Delta R.T. -0.01 min
Lab File: BG043392.D
Acq: 30 Oct 2019 3:57

Instrument :
BNA_G
ClientSampleId :
HR-06-102519MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	93.7	79.3	118.9
141	60.4	47.9	71.9

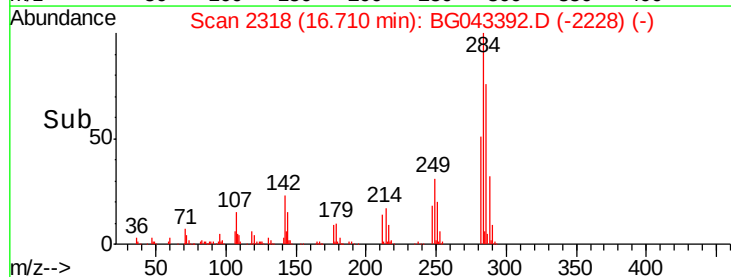
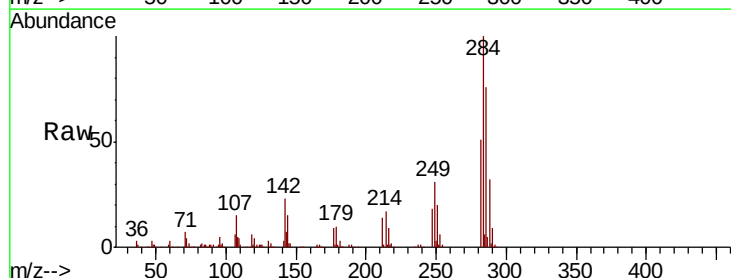
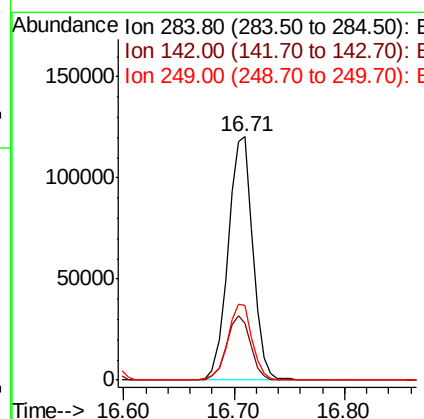
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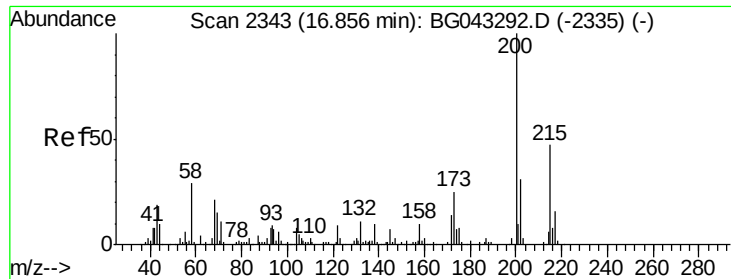
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#68
Hexachlorobenzene
Concen: 44.879 ng
RT: 16.71 min Scan# 2318
Delta R.T. 0.00 min
Lab File: BG043392.D
Acq: 30 Oct 2019 3:57

Tgt Ion	Ratio	Lower	Upper
284	100		
142	23.4	21.1	31.7
249	30.7	24.4	36.6





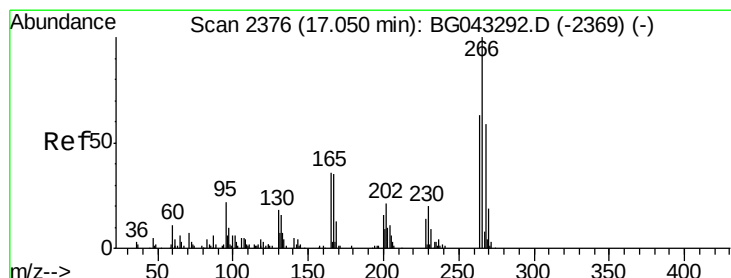
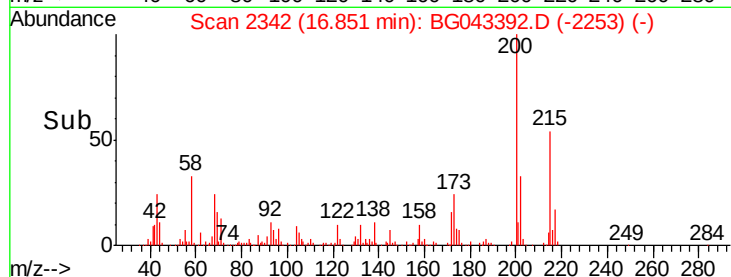
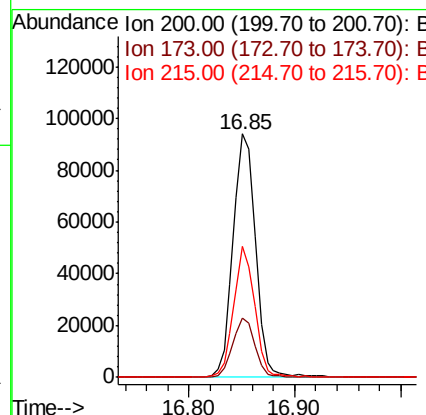
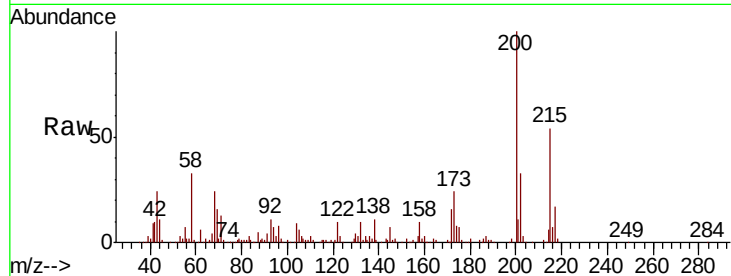
#69
Atrazine
Concen: 51.984 ng
RT: 16.85 min Scan# 2342
Delta R.T. -0.01 min
Lab File: BG043392.D
Acq: 30 Oct 2019 3:57

Instrument :
BNA_G
ClientSampleId :
HR-06-102519MS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	24.4	5.1	45.1
215	54.1	26.6	66.6

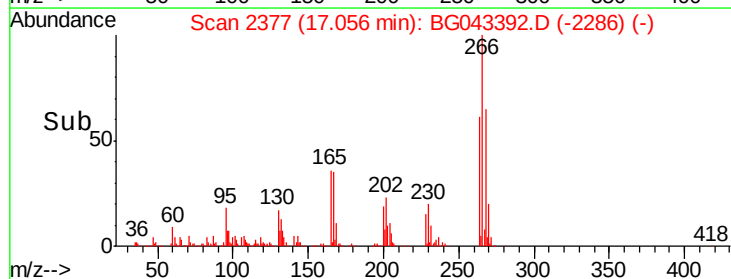
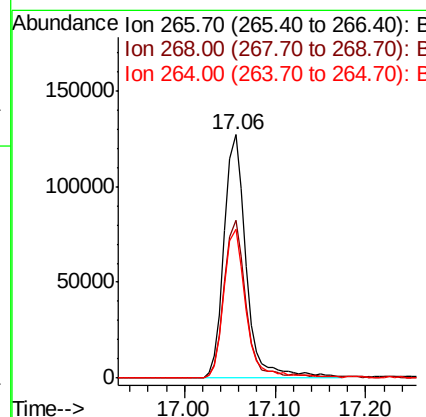
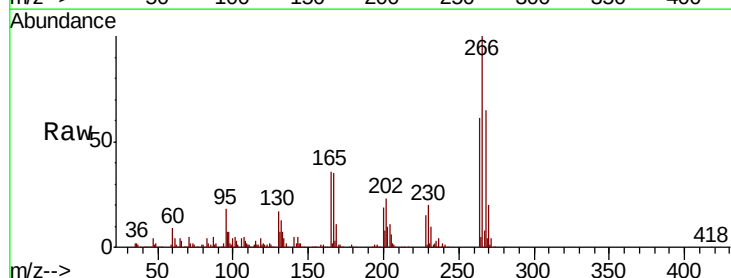
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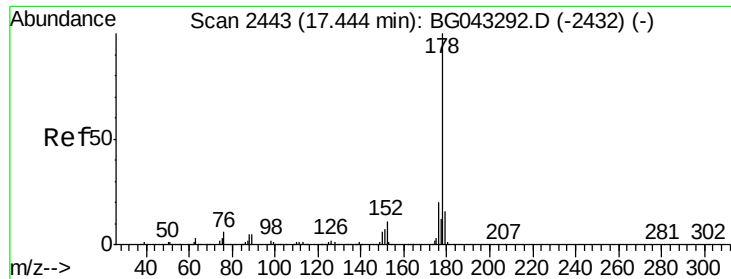
mohammad
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#70
Pentachlorophenol
Concen: 113.042 ng
RT: 17.06 min Scan# 2377
Delta R.T. 0.01 min
Lab File: BG043392.D
Acq: 30 Oct 2019 3:57

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.9	47.1	70.7
264	61.2	50.4	75.6





#71

Phenanthrene

Concen: 46.605 ng

RT: 17.44 min Scan# 2442

Delta R.T. -0.01 min

Lab File: BG043392.D

Acq: 30 Oct 2019 3:57

Instrument :

BNA_G

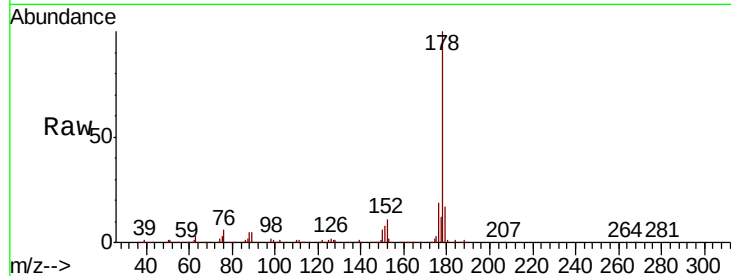
ClientSampleId :

HR-06-102519MS

Tot Ion:178	Resp:	648451
Ion Ratio	Lower	Upper
178	100	
176	19.1	15.8 23.8
179	16.6	13.1 19.7

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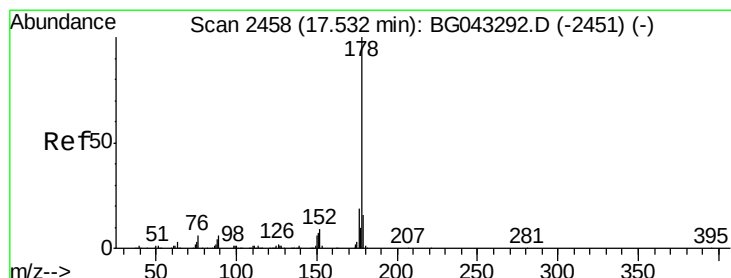
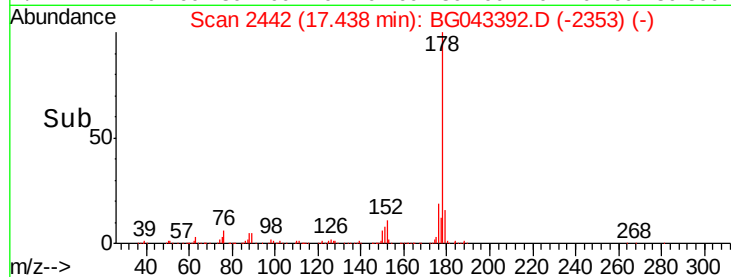
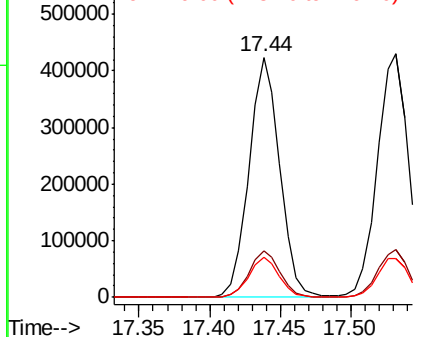


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 47.891 ng

RT: 17.53 min Scan# 2458

Delta R.T. 0.00 min

Lab File: BG043392.D

Acq: 30 Oct 2019 3:57

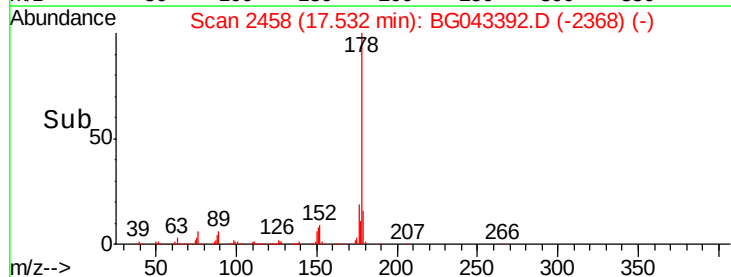
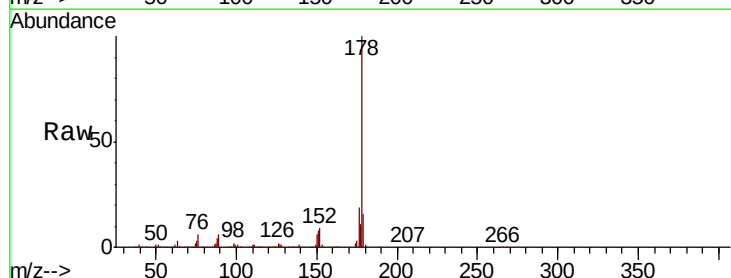
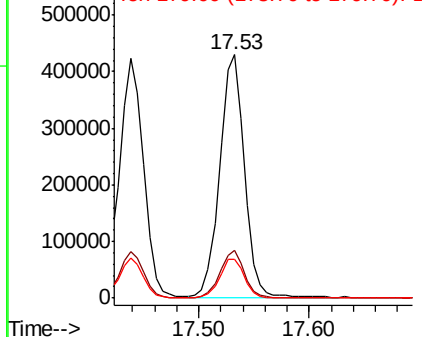
Tgt Ion:178	Resp:	666696
Ion Ratio	Lower	Upper
178	100	
176	19.4	15.1 22.7
179	16.1	13.0 19.6

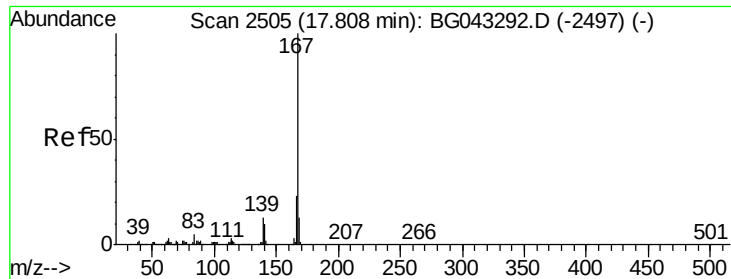
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 47.299 ng

RT: 17.80 min Scan# 2504

Delta R.T. -0.01 min

Lab File: BG043392.D

Acq: 30 Oct 2019 3:57

Instrument :

BNA_G

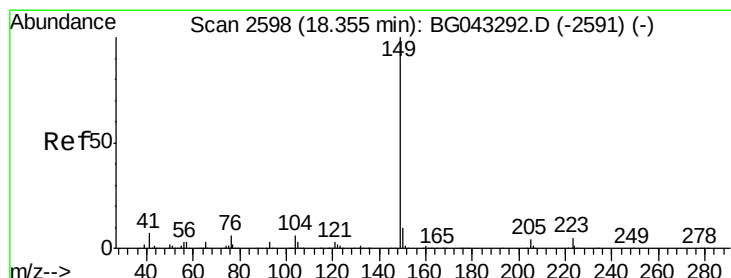
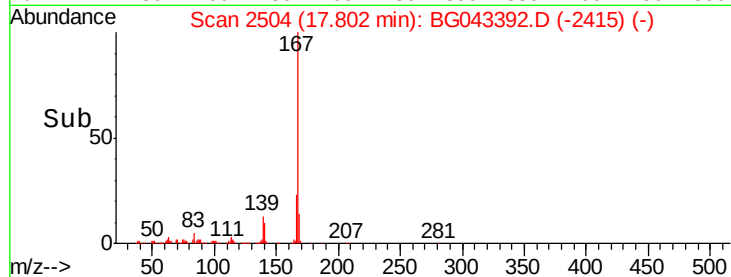
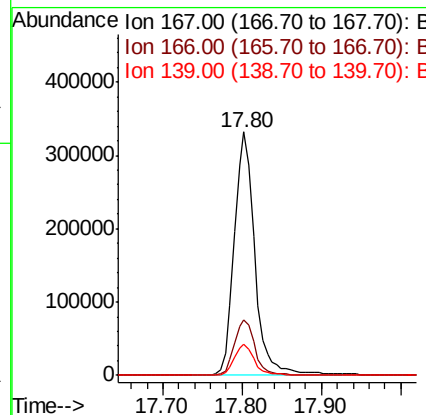
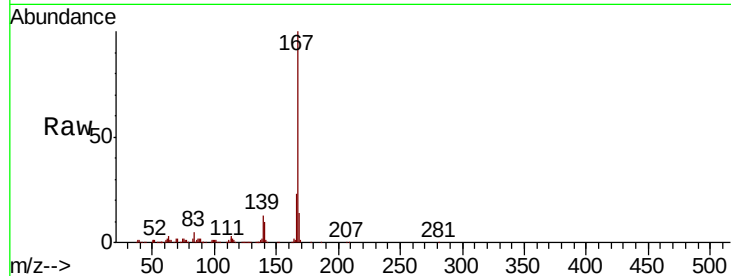
ClientSampleId :

HR-06-102519MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.8	18.4	27.6
139	12.7	10.2	15.4

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#74

Di-n-butylphthalate

Concen: 47.209 ng

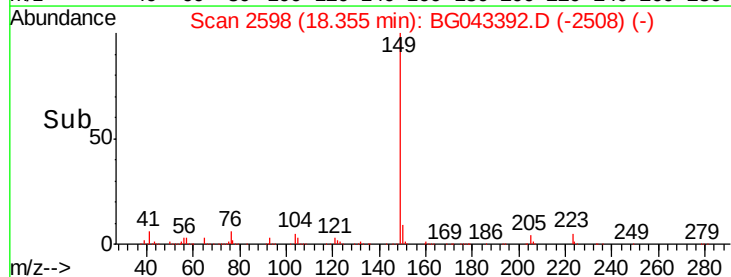
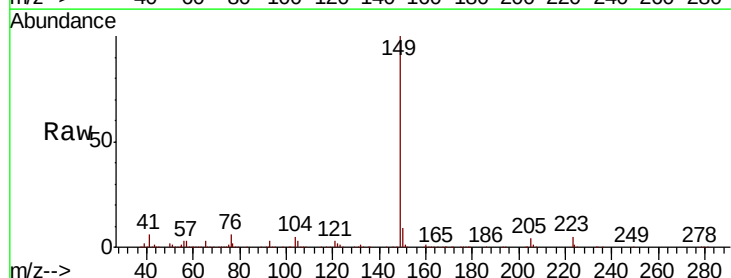
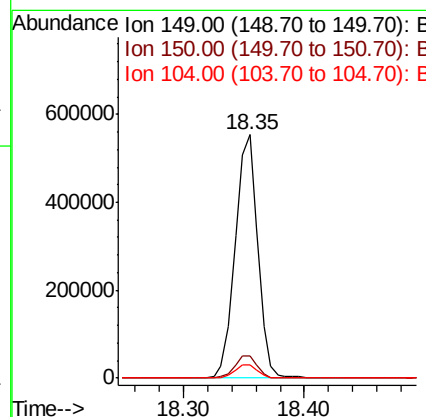
RT: 18.35 min Scan# 2598

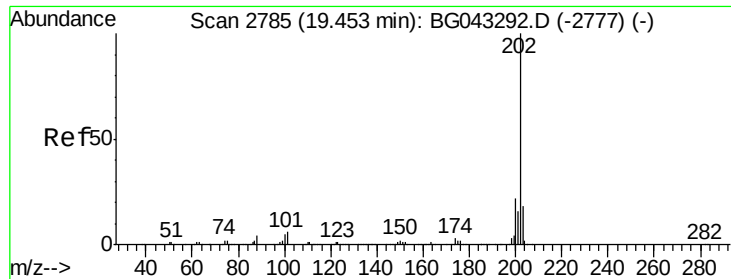
Delta R.T. 0.00 min

Lab File: BG043392.D

Acq: 30 Oct 2019 3:57

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	8.0	12.0
104	5.4	4.7	7.1





#75

Fluoranthene

Concen: 47.527 ng

RT: 19.45 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG043392.D

Acq: 30 Oct 2019 3:57

Instrument :

BNA_G

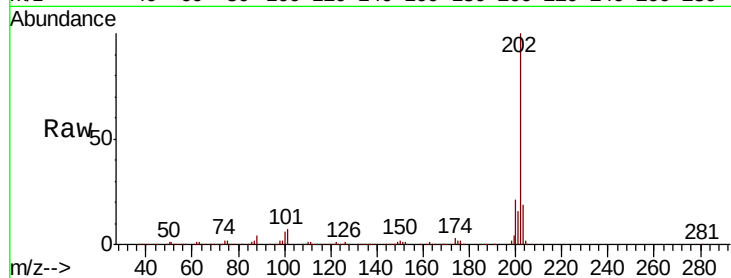
ClientSampleId :

HR-06-102519MS

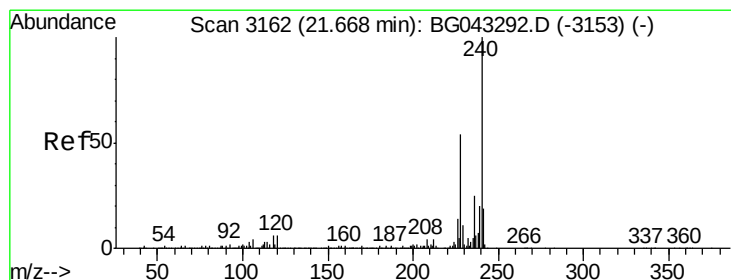
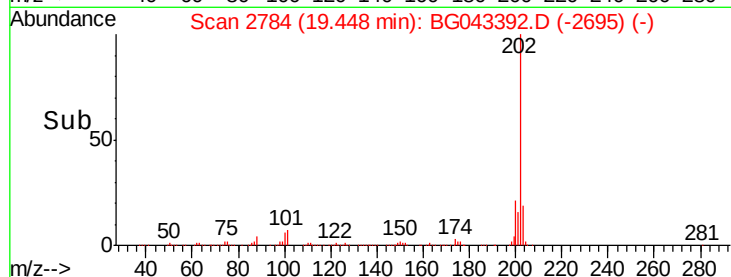
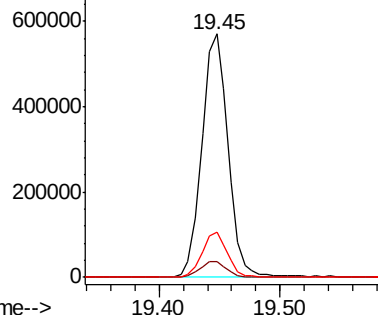
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		862116		
101	6.7	0.0	26.0		
203	18.6	0.0	38.2		

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



#76

Chrysene-d12

Concen: 20.000 ng

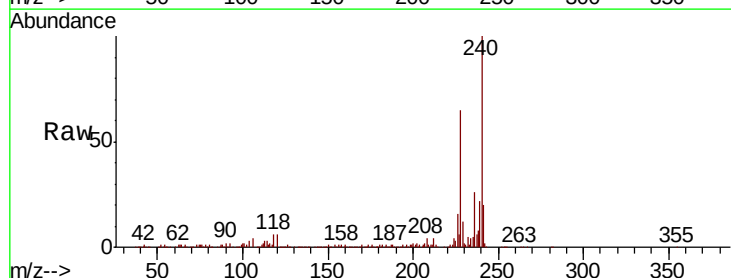
RT: 21.66 min Scan# 3161

Delta R.T. -0.01 min

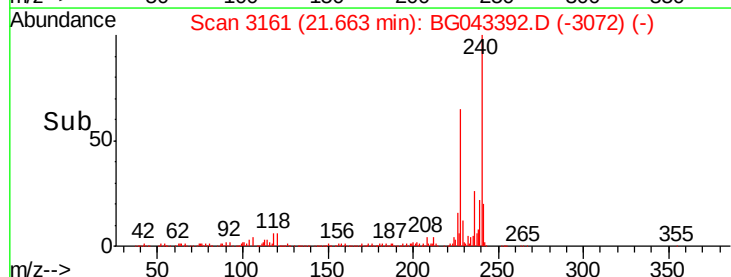
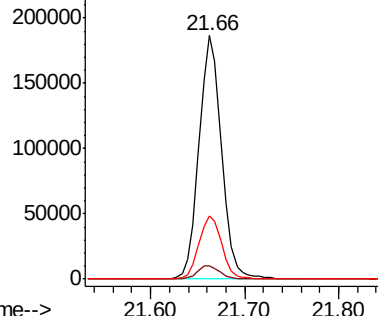
Lab File: BG043392.D

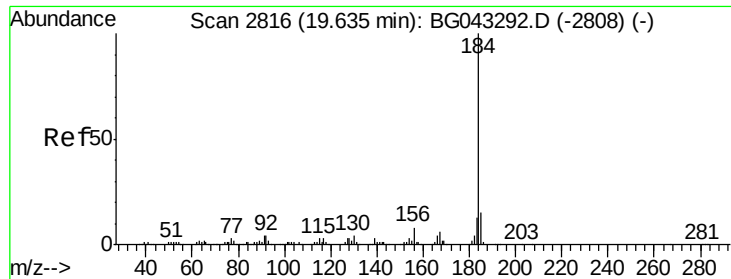
Acq: 30 Oct 2019 3:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		310433		
120	5.6	4.6	7.0		
236	25.9	20.2	30.4		



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





#77

Benzidine

Concen: 4.536 ng

RT: 19.65 min Scan# 2818

Delta R.T. 0.01 min

Lab File: BG043392.D

Acq: 30 Oct 2019 3:57

Instrument :

BNA_G

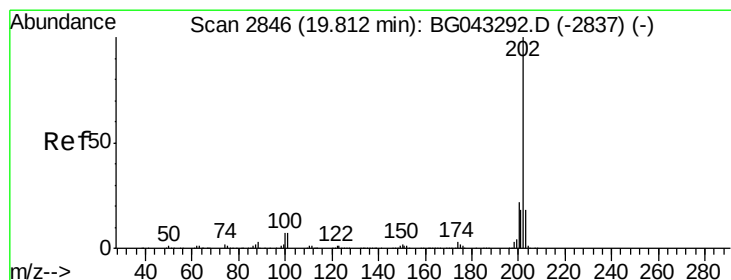
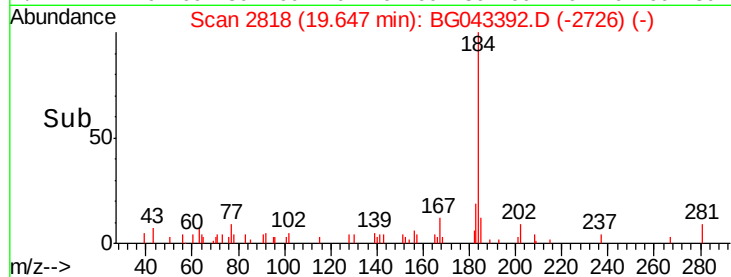
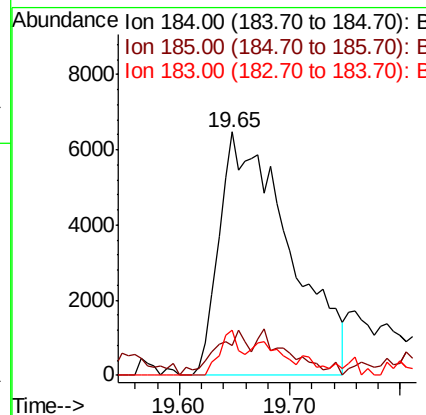
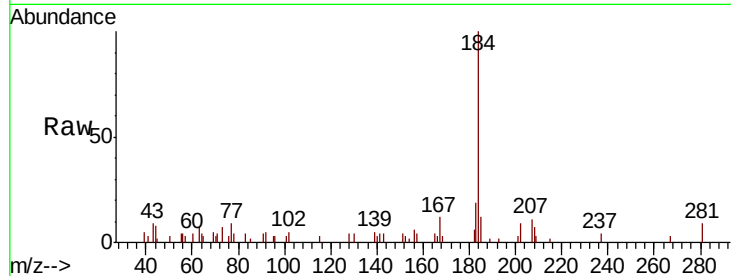
ClientSampleId :

HR-06-102519MS

Tot Ion:	184	Resp:	28338
Ion Ratio	Lower	Upper	
184	100		
185	12.3	11.8	17.6
183	18.5	10.6	16.0#

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#78

Pyrene

Concen: 45.592 ng

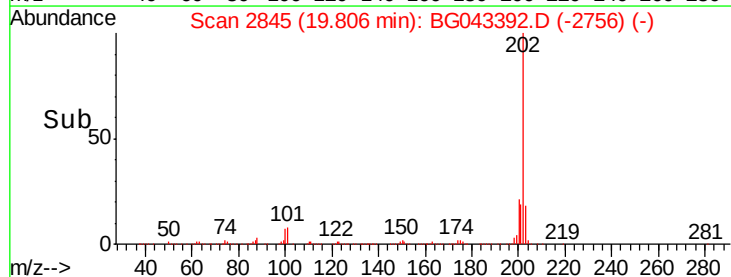
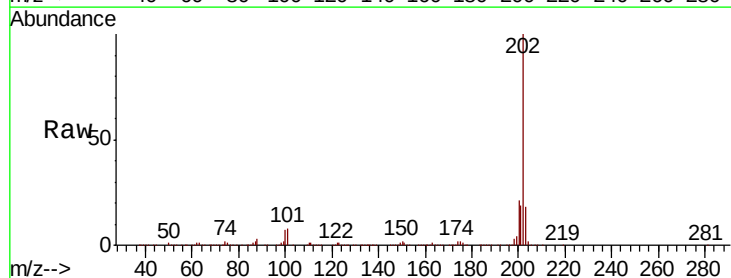
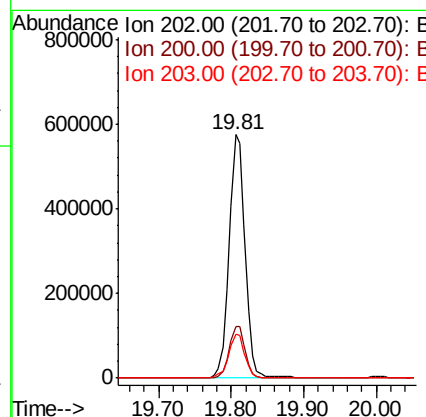
RT: 19.81 min Scan# 2845

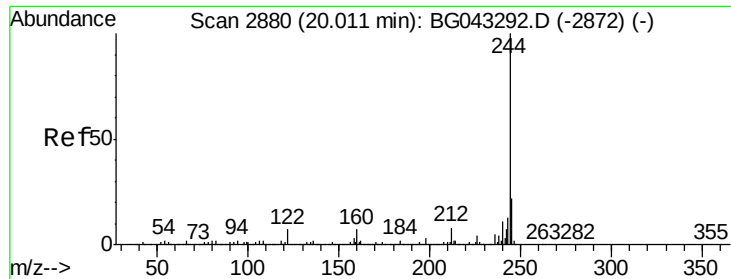
Delta R.T. -0.01 min

Lab File: BG043392.D

Acq: 30 Oct 2019 3:57

Tgt Ion:	202	Resp:	876074
Ion Ratio	Lower	Upper	
202	100		
200	21.4	17.3	25.9
203	18.1	14.5	21.7





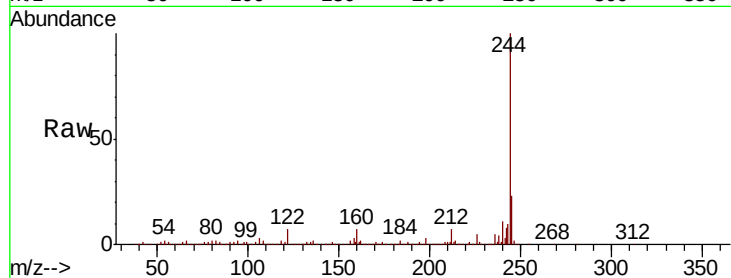
#79
 Terphenyl-d14
 Concen: 87.731 ng
 RT: 20.01 min Scan# 2879
 Delta R.T. -0.01 min
 Lab File: BG043392.D
 Acq: 30 Oct 2019 3:57

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-102519MS

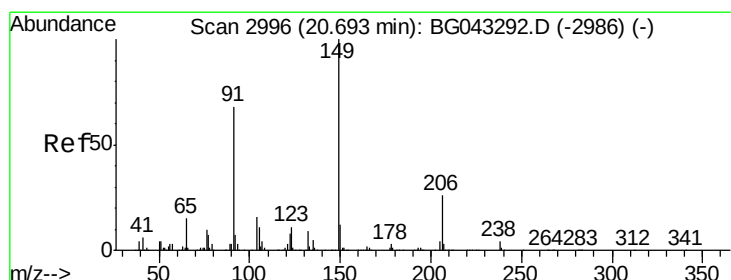
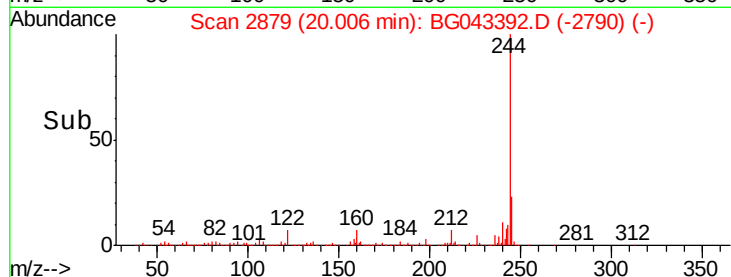
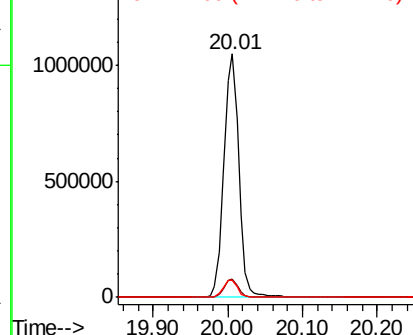
Tot Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.4	9.6
122	6.9	5.3	7.9

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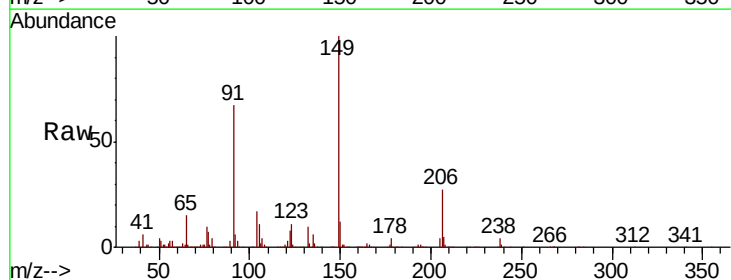


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

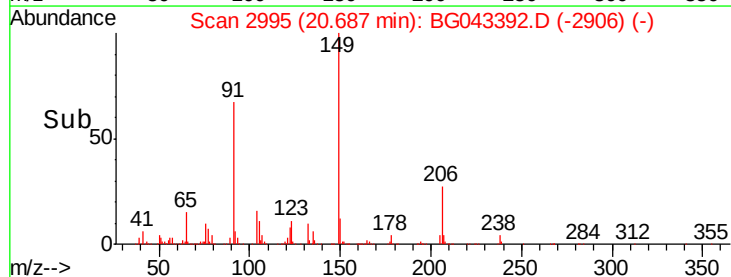
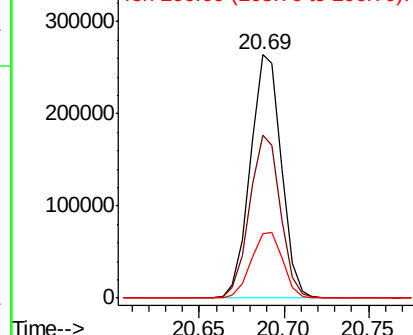


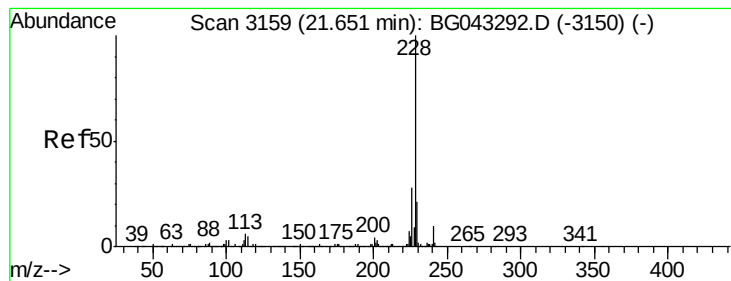
#80
 Butylbenzylphthalate
 Concen: 46.477 ng
 RT: 20.69 min Scan# 2995
 Delta R.T. -0.01 min
 Lab File: BG043392.D
 Acq: 30 Oct 2019 3:57

Tgt Ion	Ratio	Lower	Upper
149	100		
91	66.9	54.6	82.0
206	26.7	20.5	30.7



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





#81

Benzo(a)anthracene

Concen: 47.626 ng

RT: 21.64 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BG043392.D

Acq: 30 Oct 2019 3:57

Instrument :

BNA_G

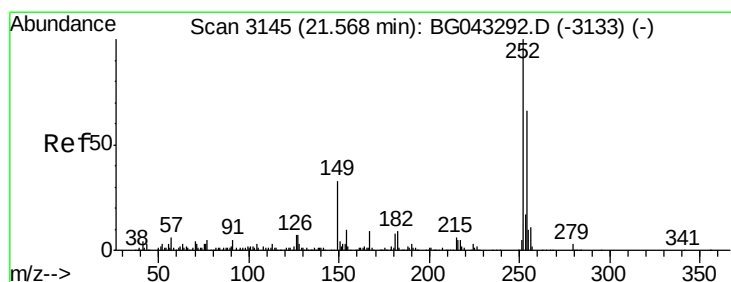
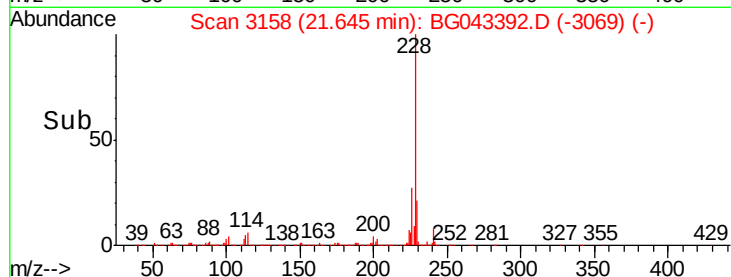
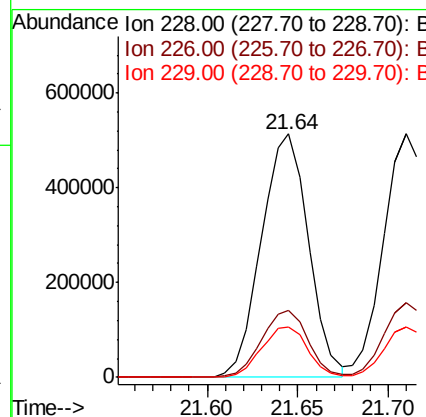
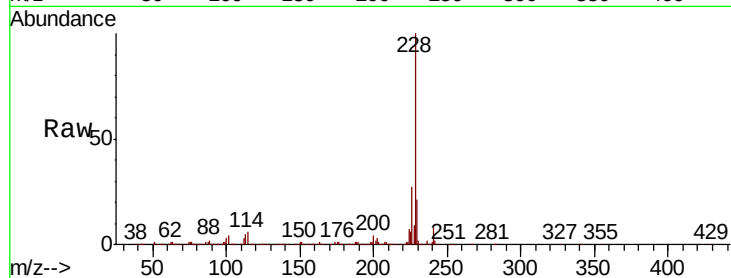
ClientSampleId :

HR-06-102519MS

Tot Ion:	228	Resp:	926099
Ion Ratio	Lower	Upper	
228	100		
226	27.5	22.2	33.4
229	20.7	16.9	25.3

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#82

3,3'-Dichlorobenzidine

Concen: 19.254 ng

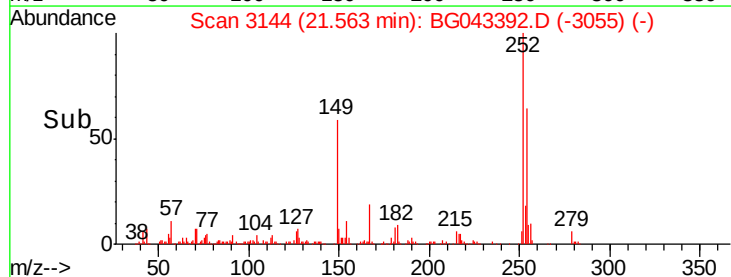
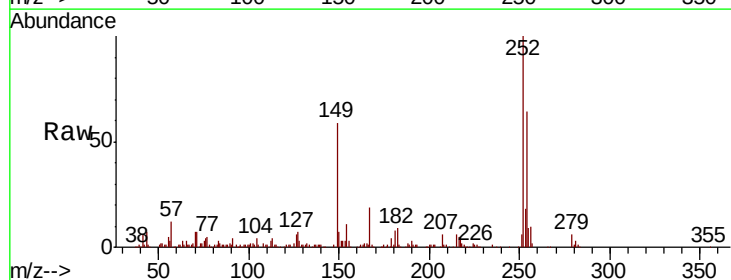
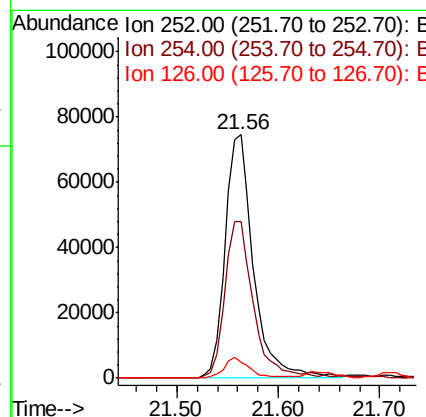
RT: 21.56 min Scan# 3144

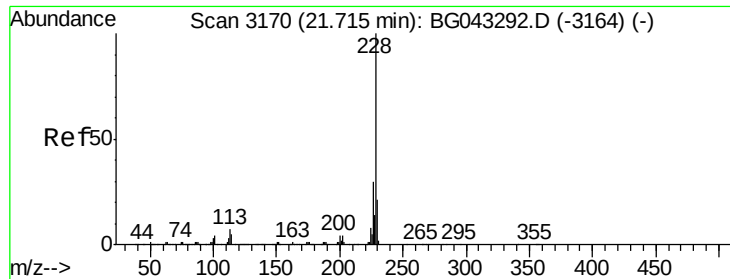
Delta R.T. -0.01 min

Lab File: BG043392.D

Acq: 30 Oct 2019 3:57

Tgt Ion:	252	Resp:	144809
Ion Ratio	Lower	Upper	
252	100		
254	64.3	52.7	79.1
126	6.2	5.6	8.4





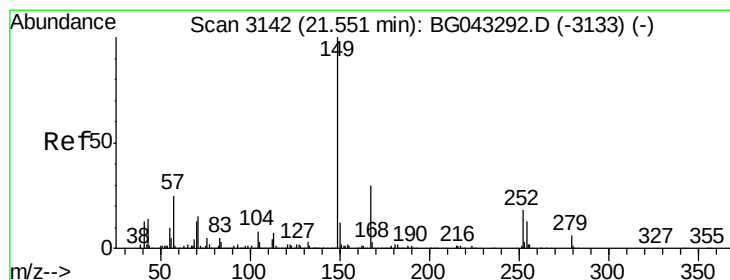
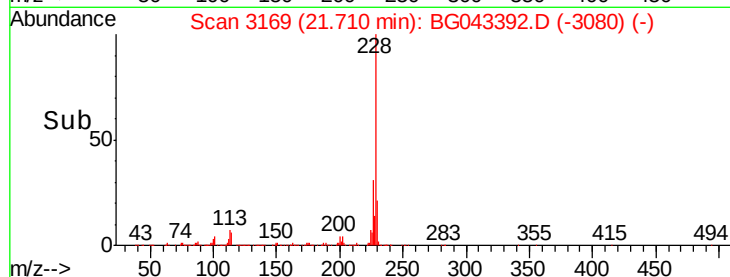
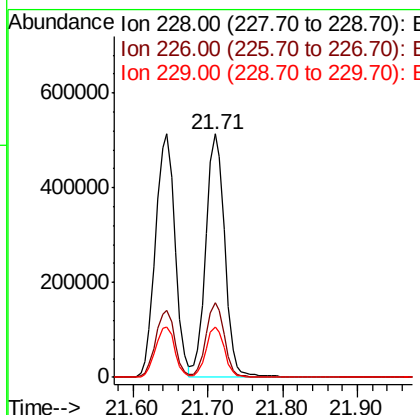
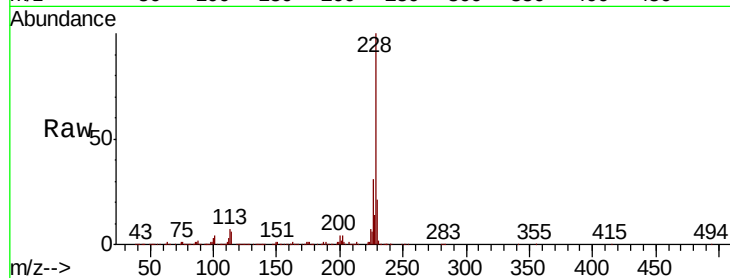
#83
 Chrysene
 Concen: 46.999 ng
 RT: 21.71 min Scan# 3169
 Delta R.T. -0.01 min
 Lab File: BG043392.D
 Acq: 30 Oct 2019 3:57

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-102519MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.8	35.8
229	20.7	16.3	24.5

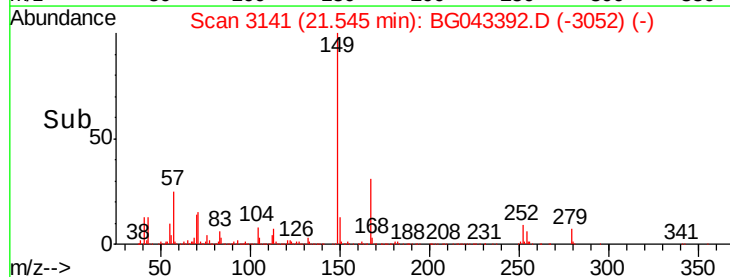
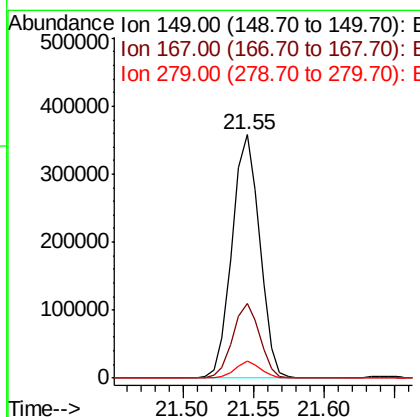
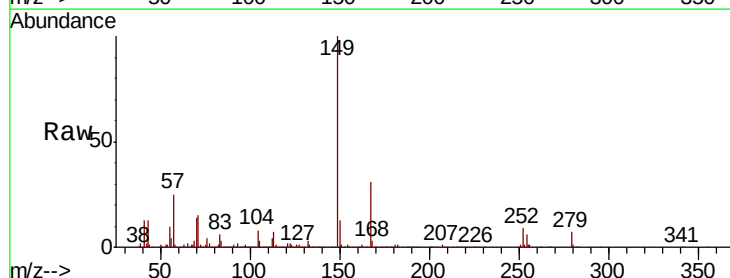
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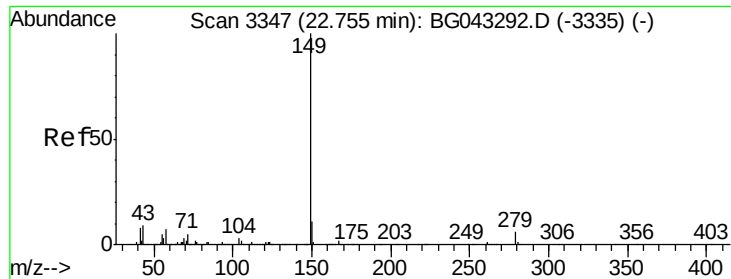
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.463 ng
 RT: 21.55 min Scan# 3141
 Delta R.T. -0.01 min
 Lab File: BG043392.D
 Acq: 30 Oct 2019 3:57

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.9	23.9	35.9
279	7.1	4.8	7.2





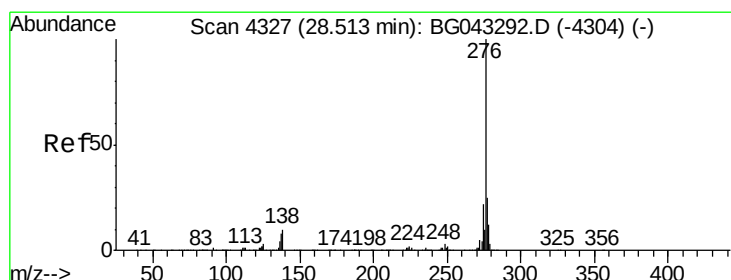
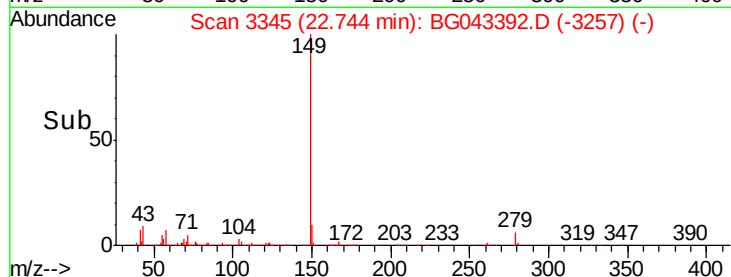
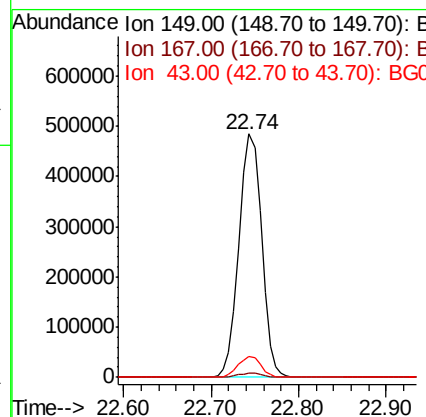
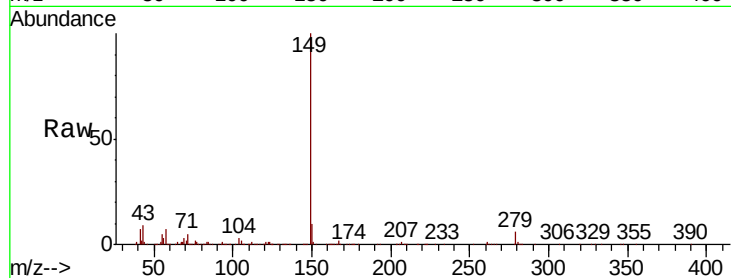
#85
Di-n-octyl phthalate
Concen: 48.535 ng
RT: 22.74 min Scan# 3345
Delta R.T. -0.01 min
Lab File: BG043392.D
Acq: 30 Oct 2019 3:57

Instrument :
BNA_G
ClientSampleId :
HR-06-102519MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	851541		
167	1.8		1.4	2.0
43	8.6		6.9	10.3

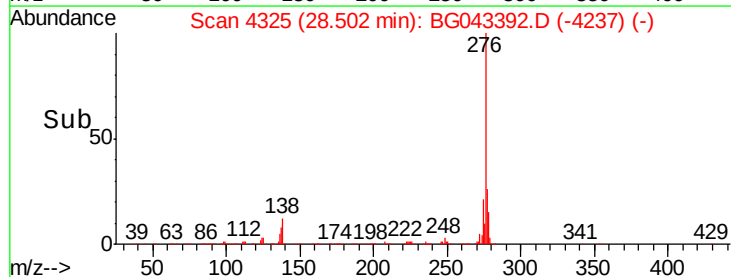
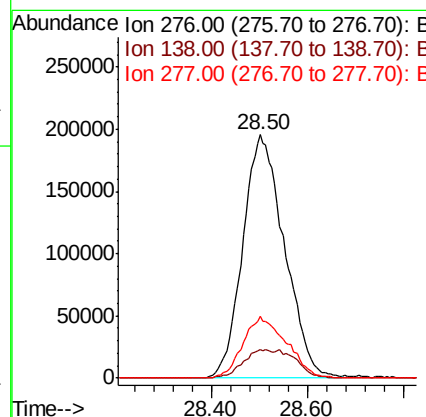
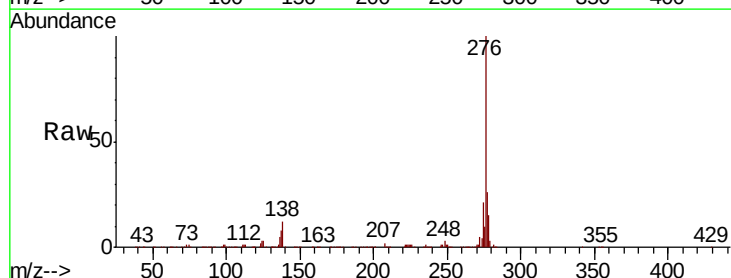
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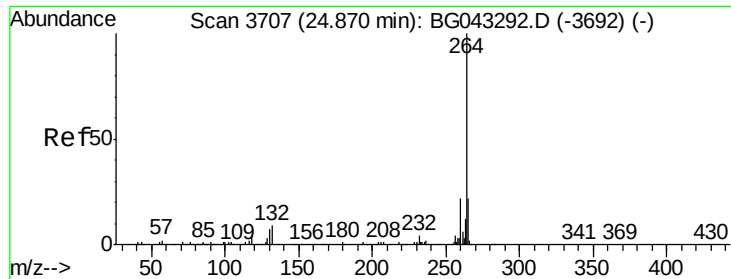
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#86
Indeno(1,2,3-cd)pyrene
Concen: 48.618 ng
RT: 28.50 min Scan# 4325
Delta R.T. -0.01 min
Lab File: BG043392.D
Acq: 30 Oct 2019 3:57

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	1179071		
138	7.8		7.2	10.8
277	26.5		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: BG043392.D

Acq: 30 Oct 2019 3:57

Instrument :

BNA_G

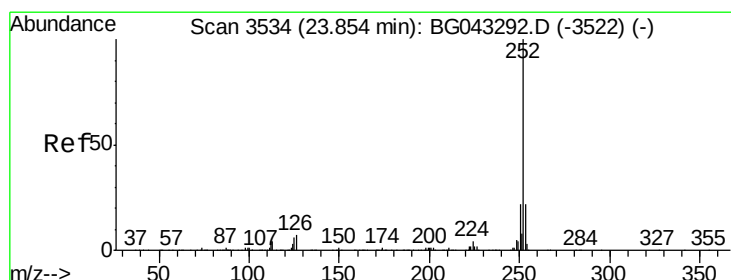
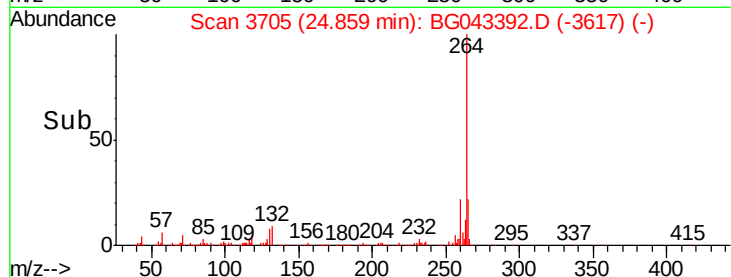
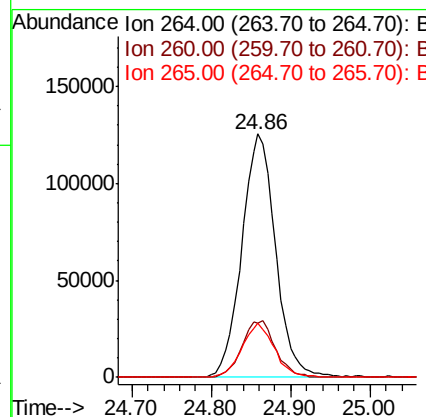
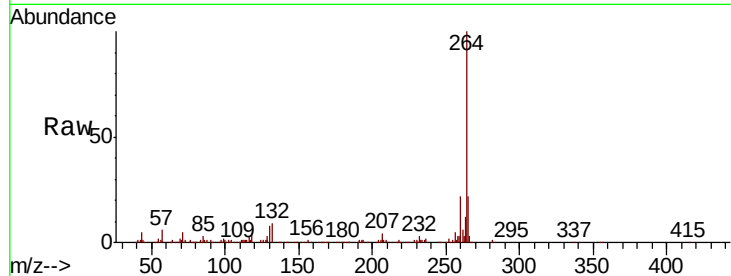
ClientSampleId :

HR-06-102519MS

Tot Ion:	264	Resp:	370245
Ion Ratio	Lower	Upper	
264	100		
260	22.3	17.9	26.9
265	22.0	17.4	26.2

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#88

Benzo(b)fluoranthene

Concen: 46.468 ng

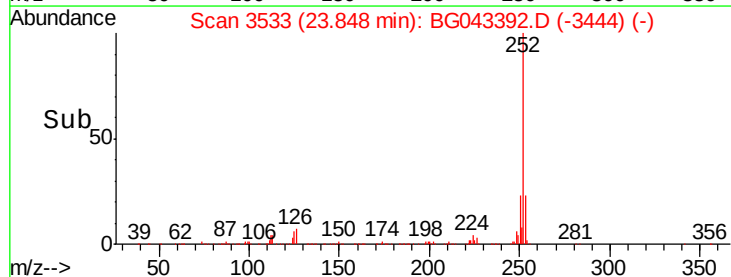
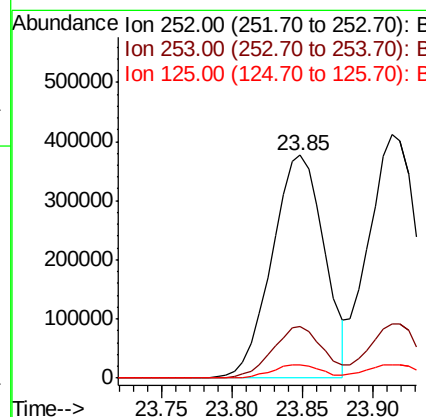
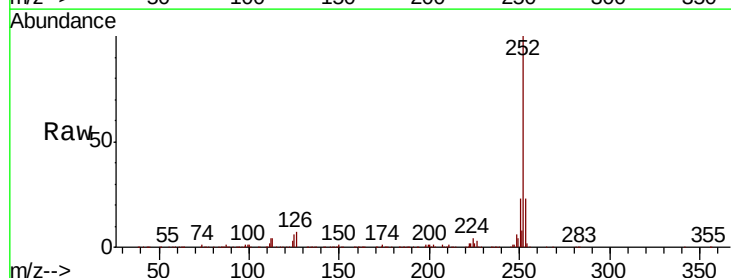
RT: 23.85 min Scan# 3533

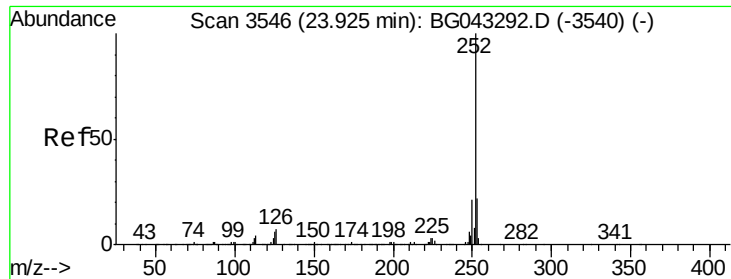
Delta R.T. -0.01 min

Lab File: BG043392.D

Acq: 30 Oct 2019 3:57

Tgt Ion:	252	Resp:	974409
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.4	26.2
125	6.2	5.0	7.6





#89

Benzo(k)fluoranthene

Concen: 47.841 ng

RT: 23.91 min Scan# 3544

Delta R.T. -0.01 min

Lab File: BG043392.D

Acq: 30 Oct 2019 3:57

Instrument :

BNA_G

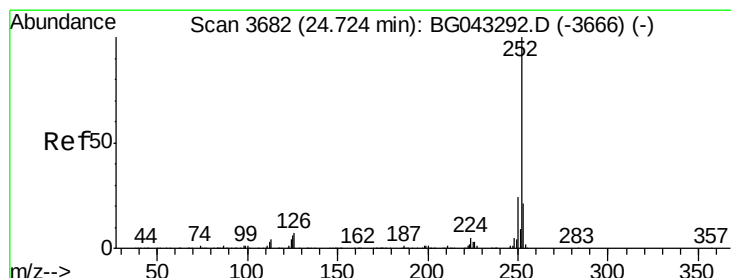
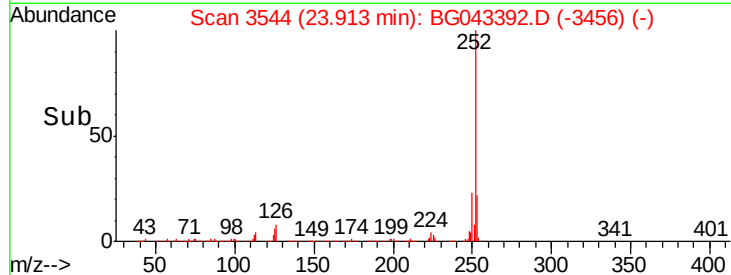
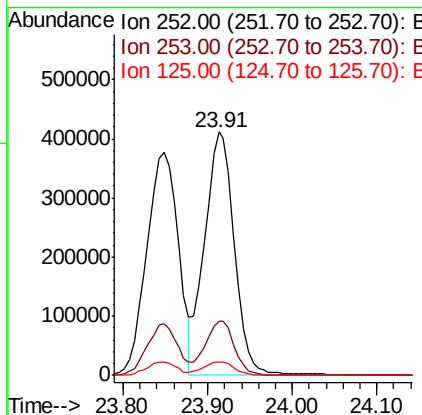
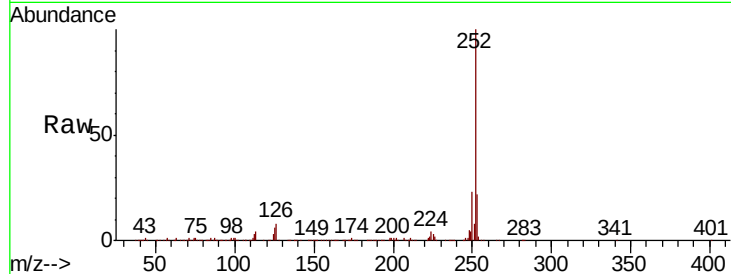
ClientSampleId :

HR-06-102519MS

Tot Ion:	252	Resp:	1009940
Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.6	26.4
125	5.5	4.5	6.7

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#90

Benzo(a)pyrene

Concen: 45.264 ng

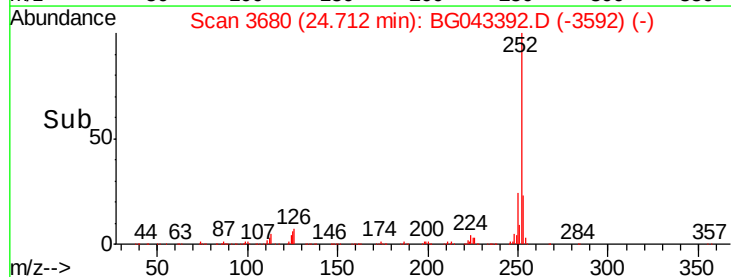
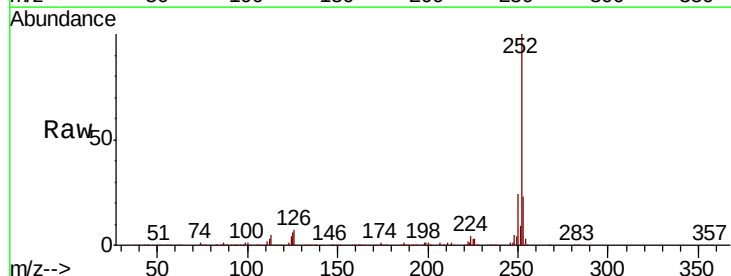
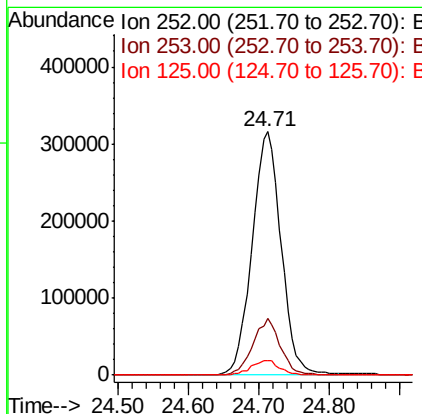
RT: 24.71 min Scan# 3680

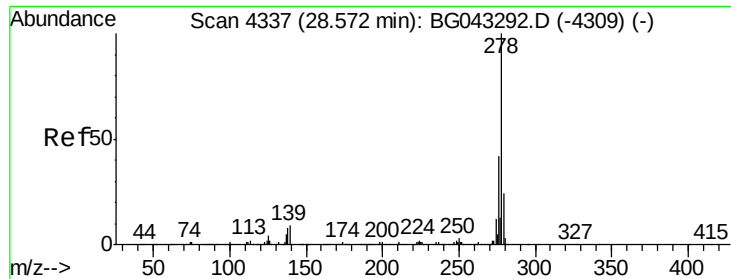
Delta R.T. -0.01 min

Lab File: BG043392.D

Acq: 30 Oct 2019 3:57

Tgt Ion:	252	Resp:	906386
Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.2	25.8
125	5.8	5.0	7.6





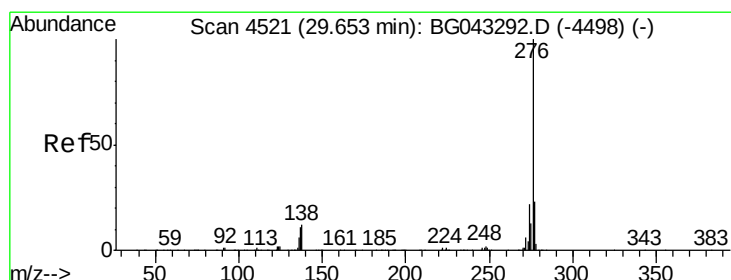
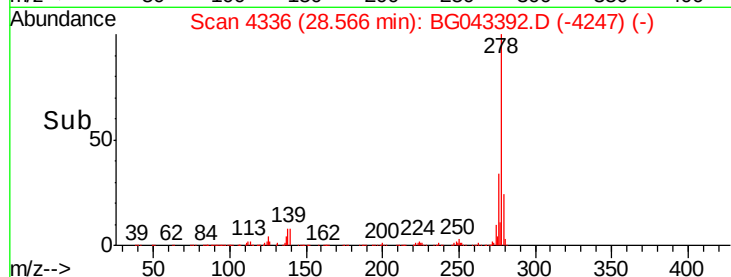
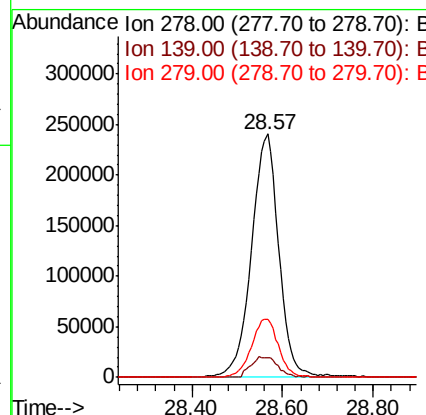
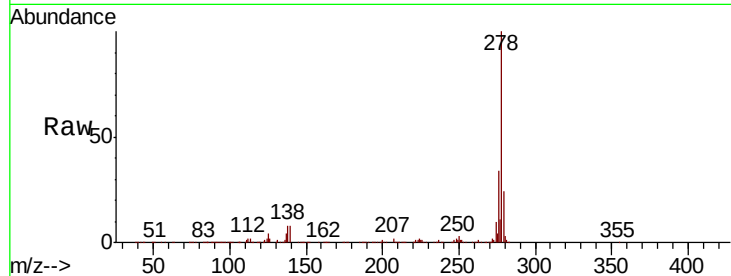
#91
Dibenzo(a,h)anthracene
Concen: 49.106 ng
RT: 28.57 min Scan# 4336
Delta R.T. -0.01 min
Lab File: BG043392.D
Acq: 30 Oct 2019 3:57

Instrument :
BNA_G
ClientSampleId :
HR-06-102519MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.2	6.8	10.2
279	23.9	19.0	28.6

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 49.004 ng
RT: 29.65 min Scan# 4521
Delta R.T. 0.00 min
Lab File: BG043392.D
Acq: 30 Oct 2019 3:57

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.3	27.5
138	12.3	9.3	13.9

