

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090519\
 Data File : BG042727.D
 Acq On : 5 Sep 2019 19:24
 Operator : HP/JU
 Sample : K4668-03MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-090319MSD

Manual Integrations
 APPROVED

mohammad
 9/10/2019 9:51:51 AM

Quant Time: Sep 06 07:16:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	42001	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	151153	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	114416	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	281809	20.00	ng	0.00
76) Chrysene-d12	21.69	240	319763	20.00	ng	0.00
87) Perylene-d12	24.93	264	388333	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	203094	97.93	ng	0.00
7) Phenol-d6	7.17	99	240909	86.00	ng	0.00
23) Nitrobenzene-d5	9.17	82	163718	74.85	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	195391	120.15	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	537199	79.41	ng	0.00
79) Terphenyl-d14	20.02	244	1122730	75.91	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.43	88	24776	28.628	ng	# 51
3) Pyridine	3.84	79	43173	19.454	ng	93
4) n-Nitrosodimethylamine	3.74	42	24908	31.425	ng	89
6) Aniline	7.32	93	46392	12.417	ng	97
8) 2-Chlorophenol	7.56	128	84332	33.554	ng	97
9) Benzaldehyde	7.13	77	41818	29.818	ng	97
10) Phenol	7.19	94	80571	28.289	ng	92
11) bis(2-Chloroethyl)ether	7.41	93	66002	29.507	ng	96
12) 1,3-Dichlorobenzene	7.88	146	96923	30.314	ng	99
13) 1,4-Dichlorobenzene	8.03	146	99521	30.730	ng	97
14) 1,2-Dichlorobenzene	8.36	146	94074	30.332	ng	97
15) Benzyl Alcohol	8.24	79	61651	30.591	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.53	45	80951	26.701	ng	99
17) 2-Methylphenol	8.45	107	64382	30.690	ng	95
18) Hexachloroethane	9.09	117	32757	29.545	ng	94
19) n-Nitroso-di-n-propylamine	8.81	70	51986	28.645	ng	# 94
20) 3+4-Methylphenols	8.78	107	85391	29.416	ng	97
22) Acetophenone	8.83	105	119710	37.029	ng	# 97
24) Nitrobenzene	9.21	77	76802	34.674	ng	98
25) Isophorone	9.74	82	143423	33.225	ng	98
26) 2-Nitrophenol	9.93	139	51697	37.244	ng	96
27) 2,4-Dimethylphenol	9.99	122	78221	40.910	ng	96
28) bis(2-Chloroethoxy)methane	10.22	93	89444	32.875	ng	97
29) 2,4-Dichlorophenol	10.48	162	95833	38.308	ng	98
30) 1,2,4-Trichlorobenzene	10.68	180	111178	36.207	ng	98
31) Naphthalene	10.87	128	253189	36.079	ng	98
32) Benzoic acid	10.15	122	20893	20.663	ng	95
33) 4-Chloroaniline	10.99	127	14806	4.570	ng	97
34) Hexachlorobutadiene	11.16	225	76117	36.885	ng	98
35) Caprolactam	11.76	113	20056m	24.027	ng	
36) 4-Chloro-3-methylphenol	12.12	107	83633	35.217	ng	95
37) 2-Methylnaphthalene	12.48	142	203230	36.067	ng	99
38) 1-Methylnaphthalene	12.70	142	189585	35.421	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	141691	38.563	ng	99

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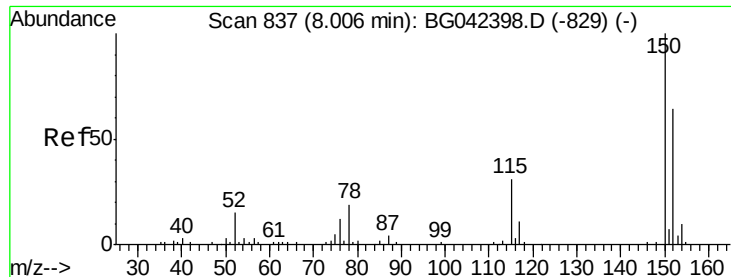
Manual Integrations
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Quant Time: Sep 06 07:16:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	146316	75.809	nq	98
43) 2,4,6-Trichlorophenol	13.09	196	88108	35.476	nq	97
44) 2,4,5-Trichlorophenol	13.17	196	95683	37.177	nq	95
46) 1,1'-Biphenyl	13.49	154	269695	36.465	nq	96
47) 2-Chloronaphthalene	13.53	162	225423	35.348	nq	99
48) 2-Nitroaniline	13.74	65	48008	31.218	nq	98
49) Acenaphthylene	14.38	152	348212	36.293	nq	99
50) Dimethylphthalate	14.11	163	304802	36.921	nq	100
51) 2,6-Dinitrotoluene	14.23	165	68605	35.852	nq	95
52) Acenaphthene	14.72	154	206891	35.512	nq	99
53) 3-Nitroaniline	14.56	138	29743	15.542	nq	100
54) 2,4-Dinitrophenol	14.78	184	84841	66.886	nq	97
55) Dibenzofuran	15.06	168	359726	37.303	nq	99
56) 4-Nitrophenol	14.89	139	85294	62.722	nq	96
57) 2,4-Dinitrotoluene	15.02	165	100467	36.664	nq	99
58) Fluorene	15.71	166	289170	36.683	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.29	232	97968m	38.491	nq	
60) Diethylphthalate	15.47	149	282415	34.995	nq	99
61) 4-Chlorophenyl-phenylether	15.69	204	172962	36.398	nq	97
62) 4-Nitroaniline	15.73	138	69694	34.027	nq	92
63) Azobenzene	15.99	77	182454	32.994	nq	93
65) 4,6-Dinitro-2-methylphenol	15.80	198	68027	38.502	nq	96
66) n-Nitrosodiphenylamine	15.91	169	268889	34.696	nq	99
67) 4-Bromophenyl-phenylether	16.59	248	124953	34.956	nq	98
68) Hexachlorobenzene	16.72	284	132791	34.173	nq	97
69) Atrazine	16.86	200	107764	39.321	nq	97
70) Pentachlorophenol	17.07	266	149613	74.102	nq	97
71) Phenanthrene	17.46	178	510566	36.474	nq	99
72) Anthracene	17.54	178	527654	37.759	nq	99
73) Carbazole	17.81	167	467166	37.510	nq	98
74) Di-n-butylphthalate	18.37	149	537632	36.519	nq	100
75) Fluoranthene	19.47	202	702496	41.121	nq	96
77) Benzidine	19.65	184	49575	5.408	nq	# 95
78) Pyrene	19.82	202	704148	35.918	nq	97
80) Butylbenzylphthalate	20.71	149	250736	32.517	nq	94
81) Benzo(a)anthracene	21.67	228	701525	36.065	nq	98
82) 3,3'-Dichlorobenzidine	21.58	252	165706	21.181	nq	98
83) Chrysene	21.73	228	679184	36.205	nq	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	360796	33.700	nq	98
85) Di-n-octyl phthalate	22.78	149	624733	33.928	nq	99
86) Indeno(1,2,3-cd)pyrene	28.65	276	904853	35.493	nq	# 97
88) Benzo(b)fluoranthene	23.91	252	780058	36.538	nq	# 98
89) Benzo(k)fluoranthene	23.97	252	747109	36.407	nq	# 98
90) Benzo(a)pyrene	24.78	252	763947	37.710	nq	# 99
91) Dibenzo(a,h)anthracene	28.70	278	750993	36.613	nq	98
92) Benzo(g,h,i)perylene	29.80	276	758806	36.988	nq	97

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



#1

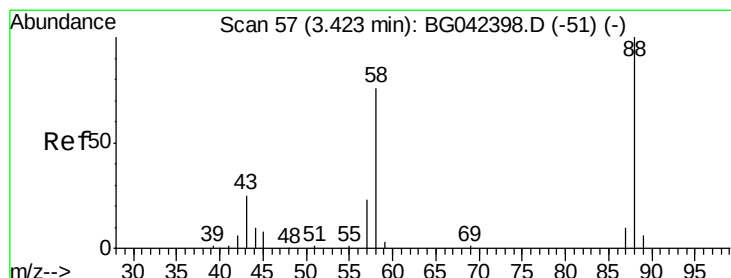
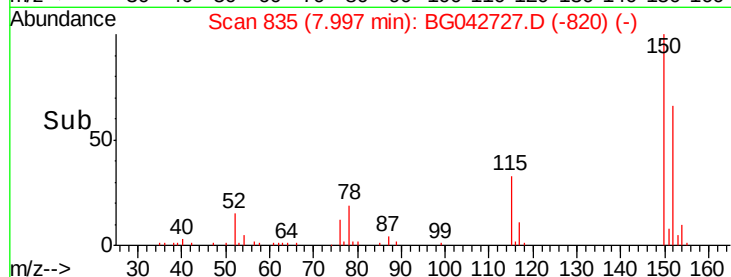
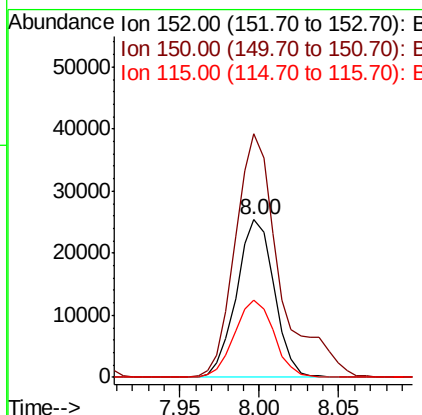
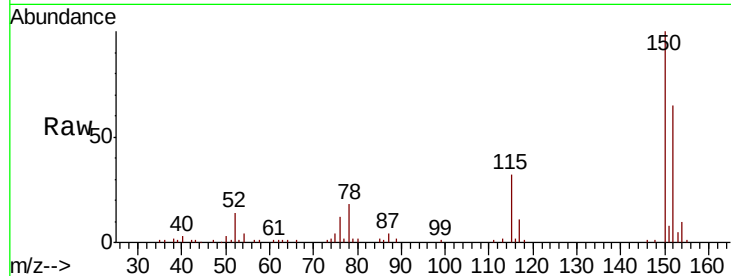
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042727.D
Acq: 5 Sep 2019 19:24

Instrument :
BNA_G
ClientSampleId :
SU-04-090319MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	125.4	188.0
115	49.2	38.5	57.7

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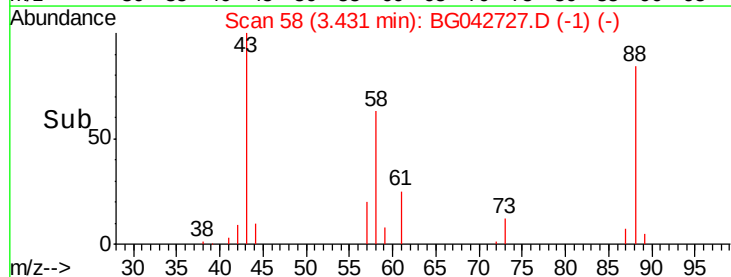
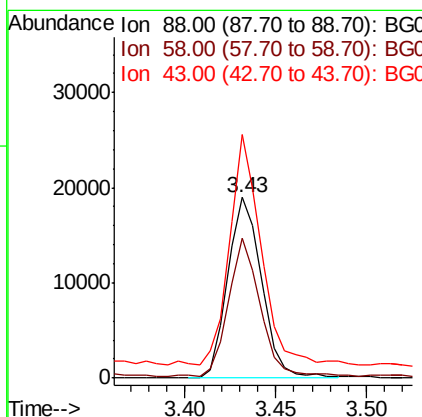
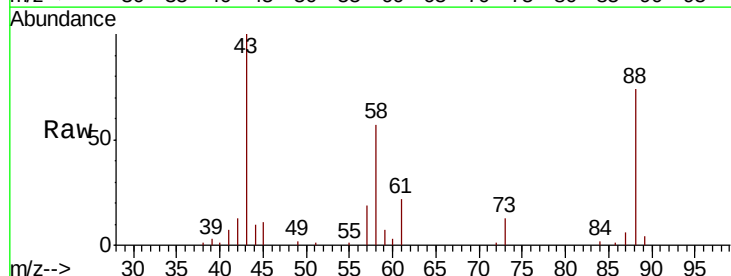
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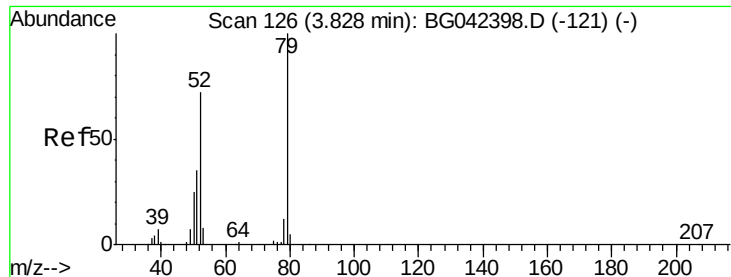


#2

1,4-Dioxane
Concen: 28.628 ng
RT: 3.43 min Scan# 58
Delta R.T. 0.01 min
Lab File: BG042727.D
Acq: 5 Sep 2019 19:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.6	58.3	87.5
43	118.8	20.2	30.2#





#3

Pvridine

Concen: 19.454 ng

RT: 3.84 min Scan# 127

Delta R.T. 0.01 min

Lab File: BG042727.D

Acq: 5 Sep 2019 19:24

Instrument :

BNA_G

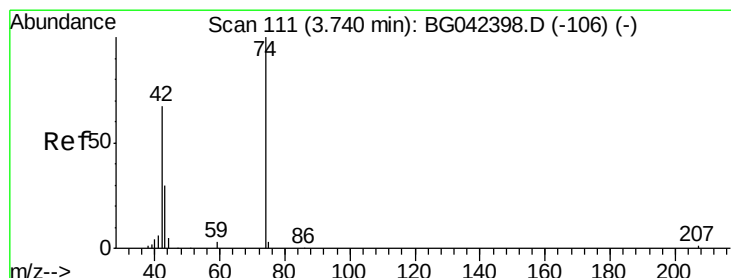
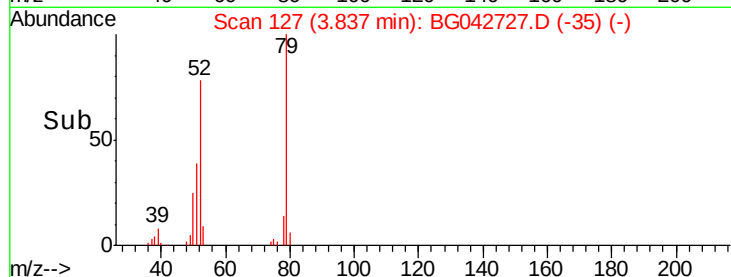
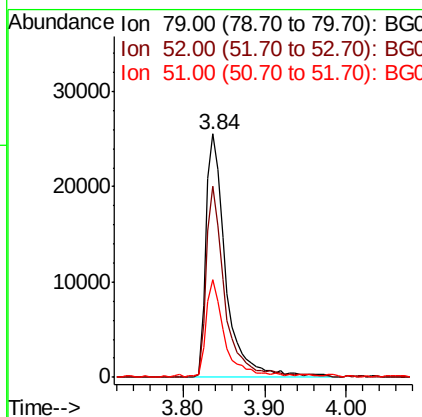
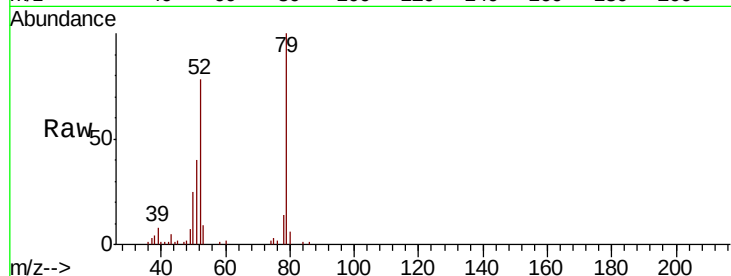
ClientSampleId :

SU-04-090319MSD

Tot Ion:	79	Resp:	43173
Ion	Ratio	Lower	Upper
79	100		
52	78.3	57.7	86.5
51	40.4	28.8	43.2

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#4

n-Nitrosodimethylamine

Concen: 31.425 ng

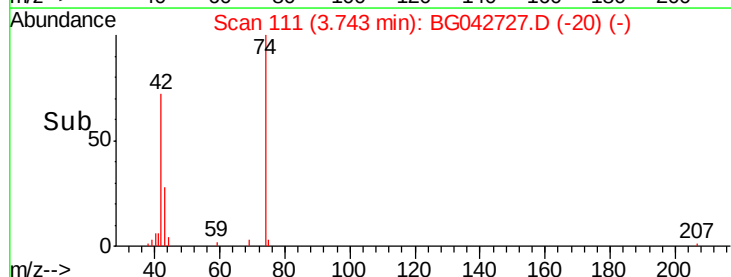
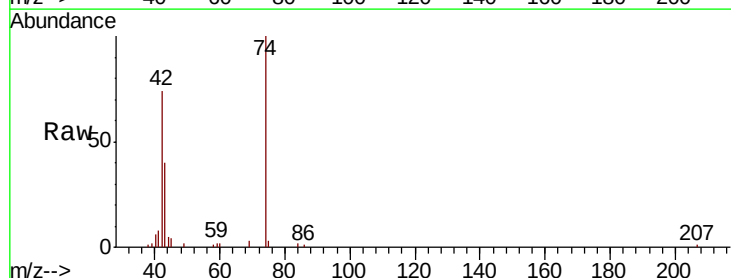
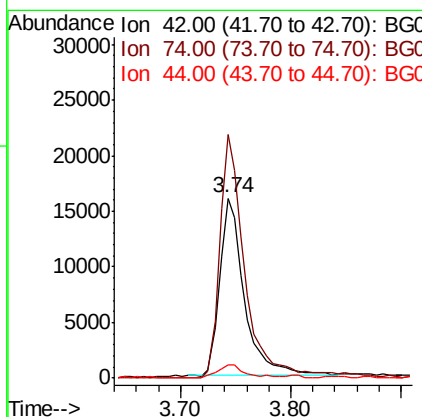
RT: 3.74 min Scan# 111

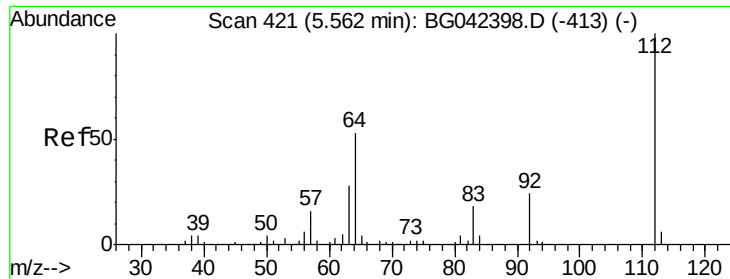
Delta R.T. 0.00 min

Lab File: BG042727.D

Acq: 5 Sep 2019 19:24

Tgt Ion:	42	Resp:	24908
Ion	Ratio	Lower	Upper
42	100		
74	135.6	119.6	179.4
44	7.3	6.5	9.7





#5

2-Fluorophenol

Concen: 97.932 ng

RT: 5.56 min Scan# 420

Delta R.T. -0.00 min

Lab File: BG042727.D

Acq: 5 Sep 2019 19:24

Instrument :

BNA_G

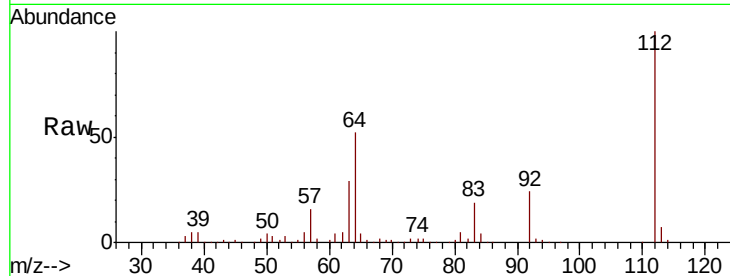
ClientSampleId :

SU-04-090319MSD

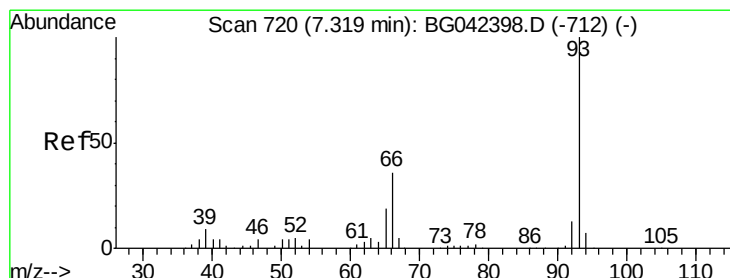
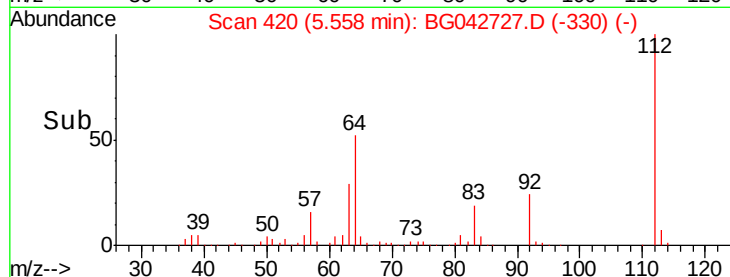
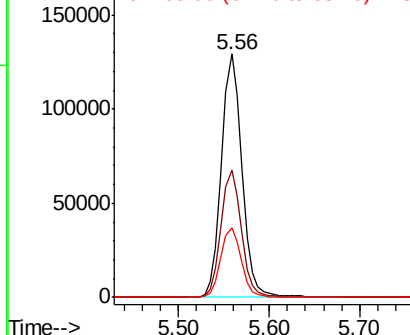
Tot Ion:	112	Resp:	203094
Ion Ratio	Lower	Upper	
112	100		
64	52.3	42.8	64.2
63	28.7	22.7	34.1

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



#6

Aniline

Concen: 12.417 ng

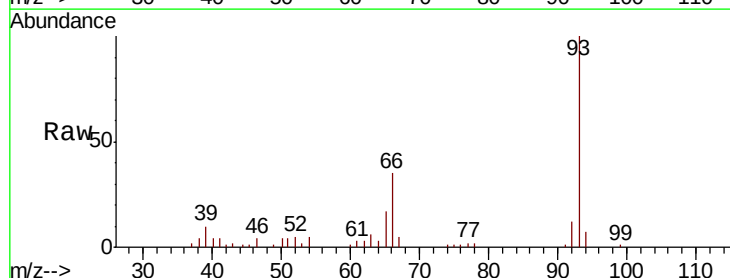
RT: 7.32 min Scan# 719

Delta R.T. -0.00 min

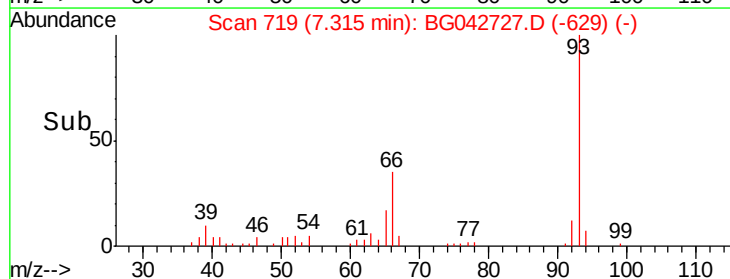
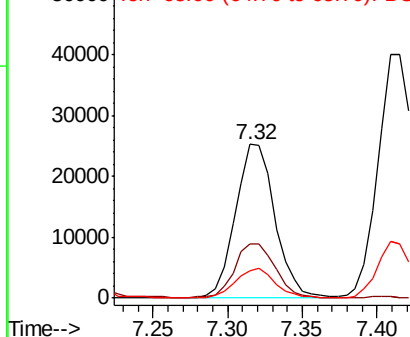
Lab File: BG042727.D

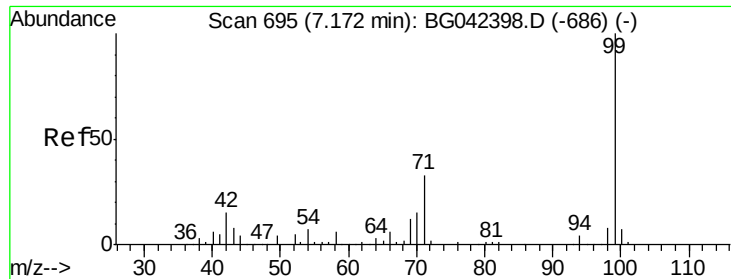
Acq: 5 Sep 2019 19:24

Tgt Ion:	93	Resp:	46392
Ion Ratio	Lower	Upper	
93	100		
66	35.1	29.0	43.6
65	17.4	15.2	22.8



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





#7

Phenol-d6

Concen: 86.000 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG042727.D

Acq: 5 Sep 2019 19:24

Instrument :

BNA_G

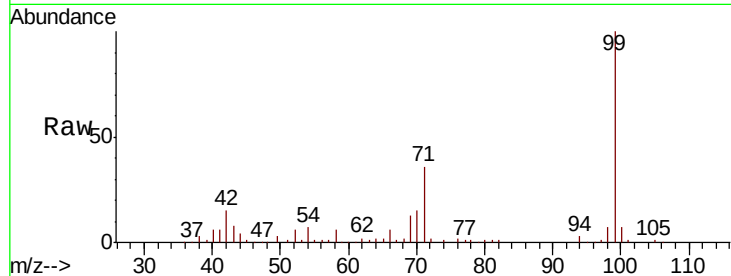
ClientSampleId :

SU-04-090319MSD

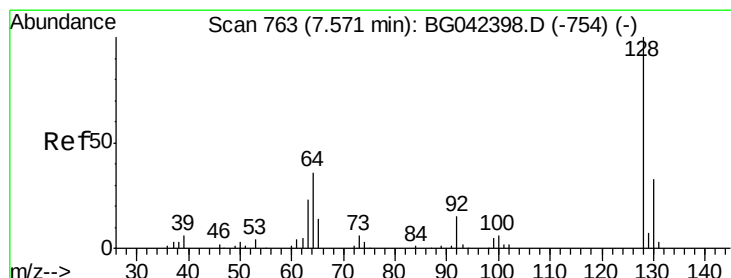
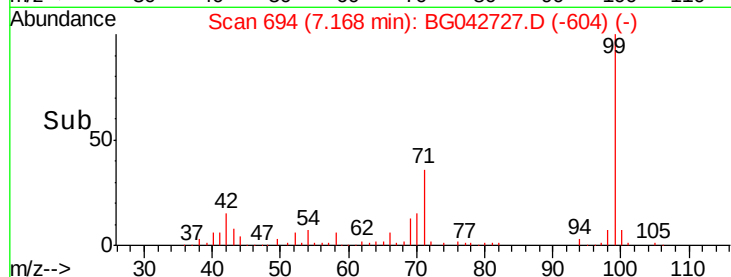
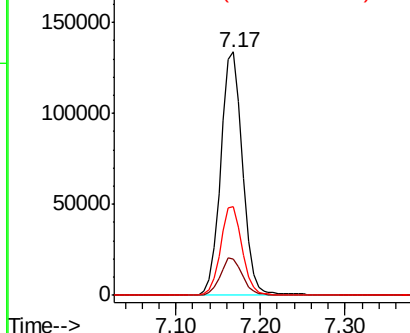
Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		240909		
42	14.9	12.0	18.0		
71	36.4	26.3	39.5		

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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 33.554 ng

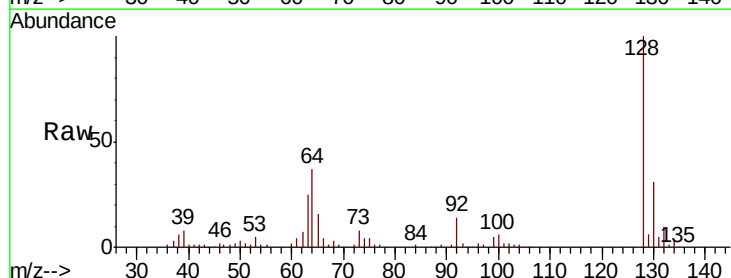
RT: 7.56 min Scan# 761

Delta R.T. -0.01 min

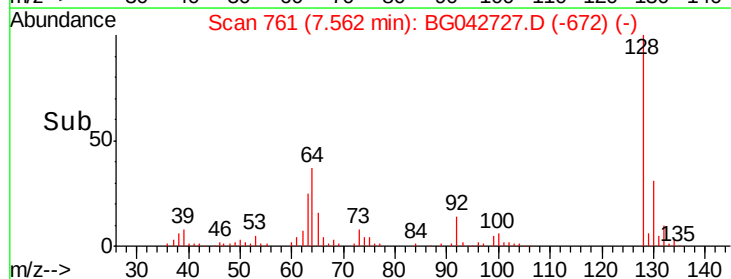
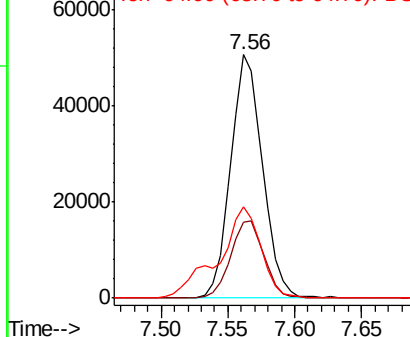
Lab File: BG042727.D

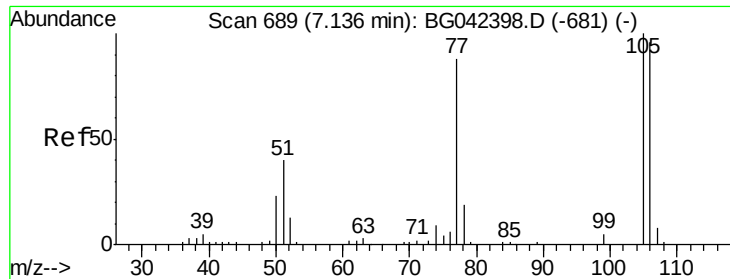
Acq: 5 Sep 2019 19:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		84332		
130	31.1	12.8	52.8		
64	37.5	19.2	59.2		



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC





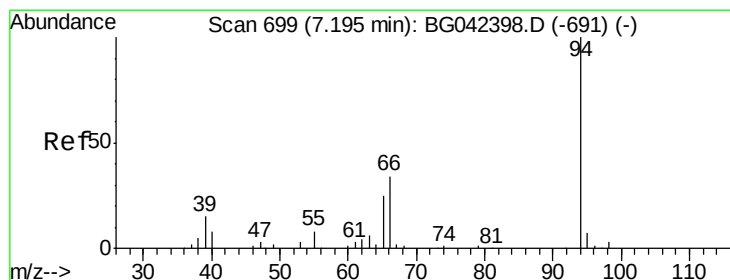
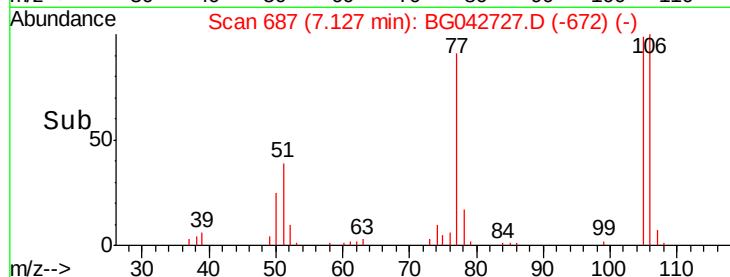
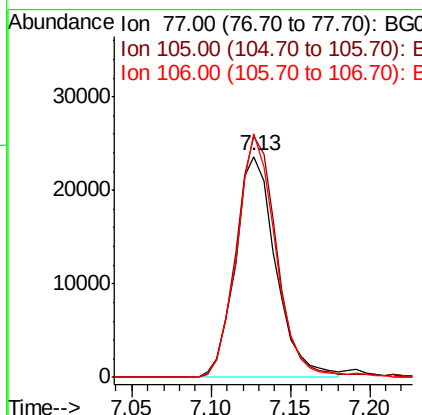
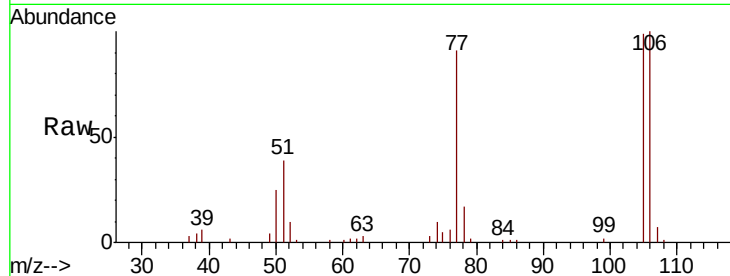
#9
Benzaldehyde
Concen: 29.818 ng
RT: 7.13 min Scan# 687
Delta R.T. -0.01 min
Lab File: BG042727.D
Acq: 5 Sep 2019 19:24

Instrument :
BNA_G
ClientSampleId :
SU-04-090319MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	109.2	93.4	133.4
106	110.2	88.4	128.4

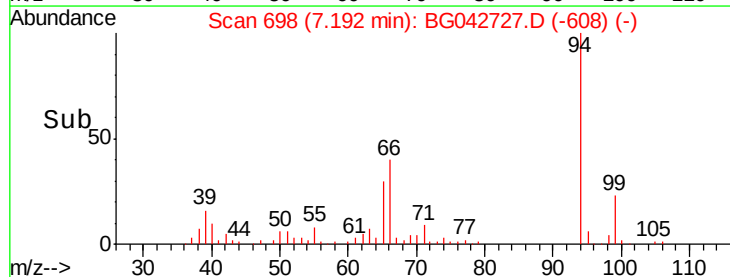
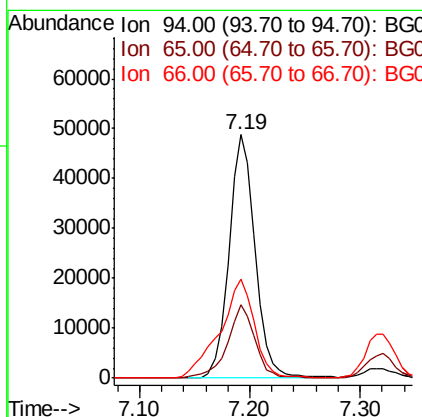
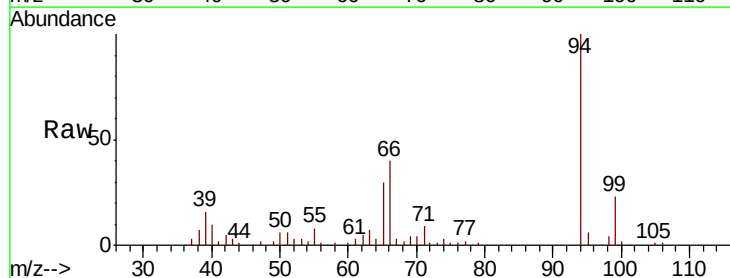
Manual Integrations
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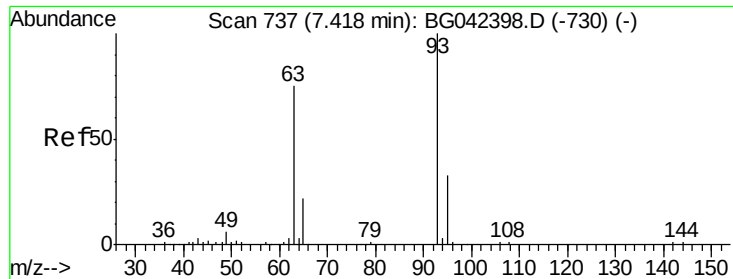
mohammad
9/10/2019 9:51:51 AM



#10
Phenol
Concen: 28.289 ng
RT: 7.19 min Scan# 698
Delta R.T. -0.00 min
Lab File: BG042727.D
Acq: 5 Sep 2019 19:24

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.1	5.6	45.6
66	40.5	16.0	56.0





#11

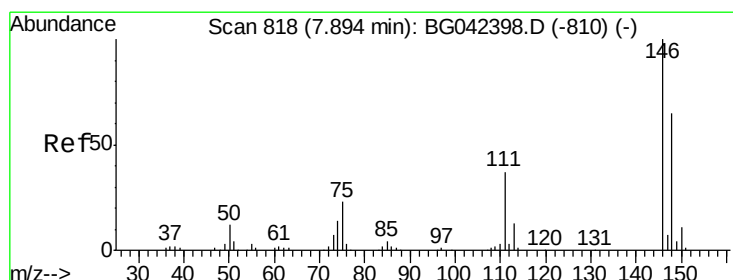
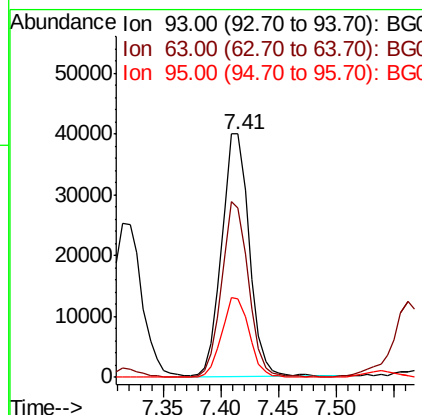
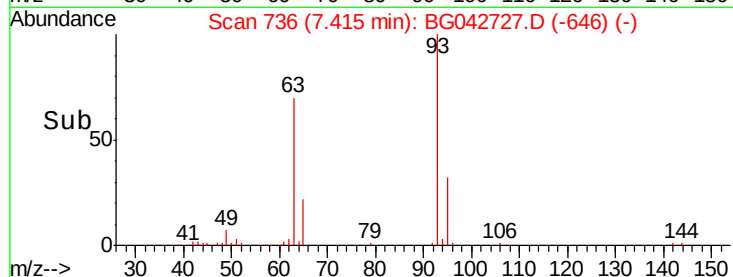
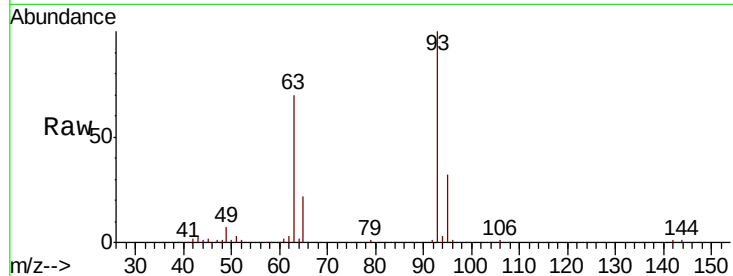
bis(2-Chloroethyl)ether
Concen: 29.507 ng
RT: 7.41 min Scan# 736
Delta R.T. -0.00 min
Lab File: BG042727.D
Acq: 5 Sep 2019 19:24

Instrument :
BNA_G
ClientSampleId :
SU-04-090319MSD

Tot Ion:	93	Resp:	66002
Ion	Ratio	Lower	Upper
93	100		
63	69.6	53.8	93.8
95	32.1	13.1	53.1

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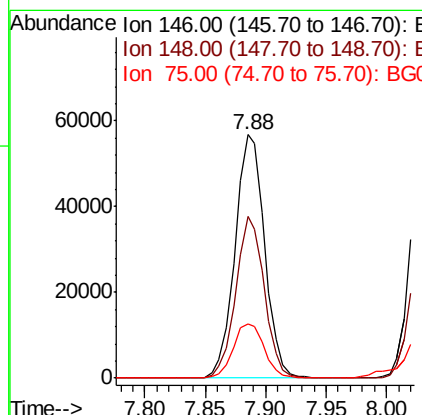
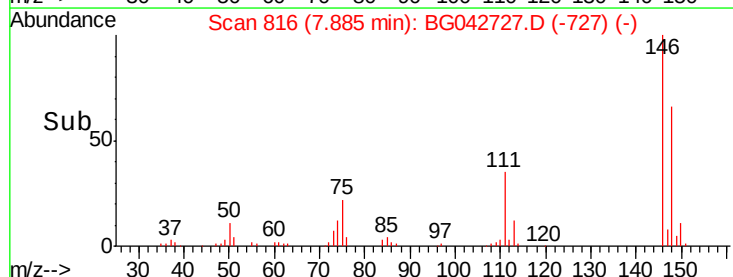
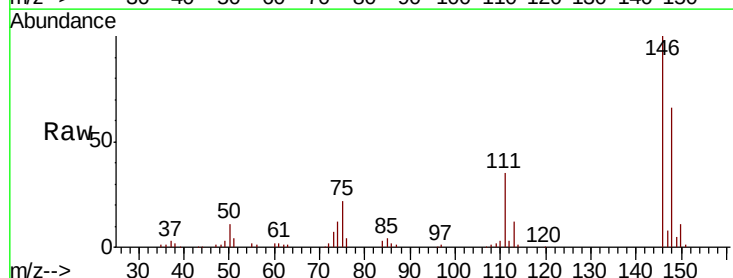
mohammad
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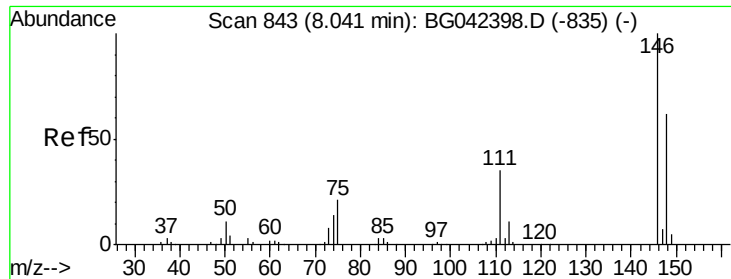


#12

1,3-Dichlorobenzene
Concen: 30.314 ng
RT: 7.88 min Scan# 816
Delta R.T. -0.01 min
Lab File: BG042727.D
Acq: 5 Sep 2019 19:24

Tgt Ion:	146	Resp:	96923
Ion	Ratio	Lower	Upper
146	100		
148	66.4	52.2	78.2
75	22.0	18.0	27.0





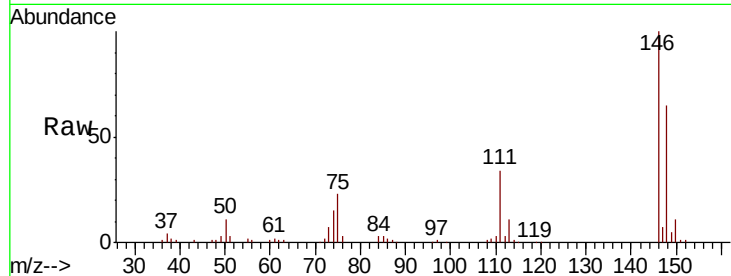
#13
 1,4-Dichlorobenzene
 Concen: 30.730 ng
 RT: 8.03 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BG042727.D
 Acq: 5 Sep 2019 19:24

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-090319MSD

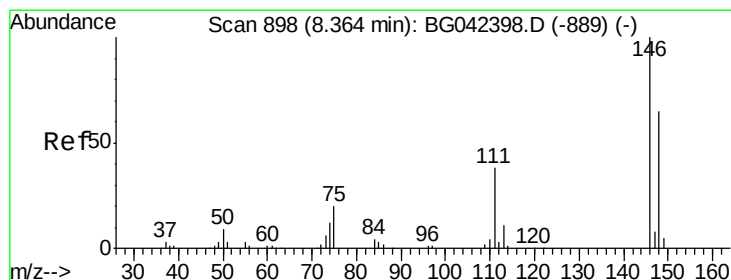
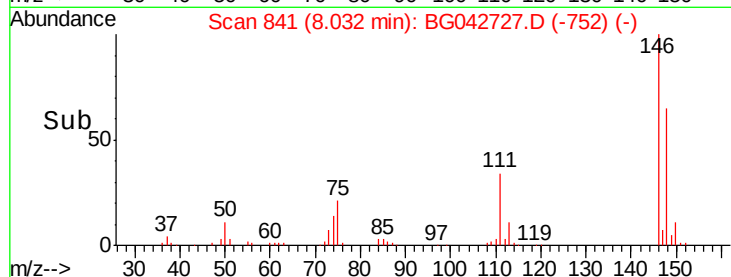
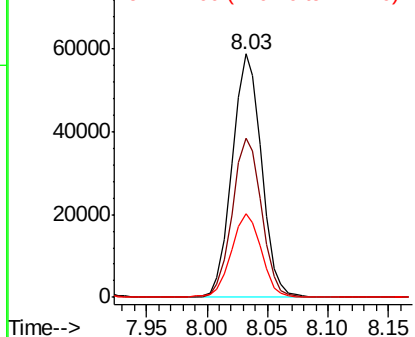
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.2	49.5	74.3
111	34.3	28.1	42.1

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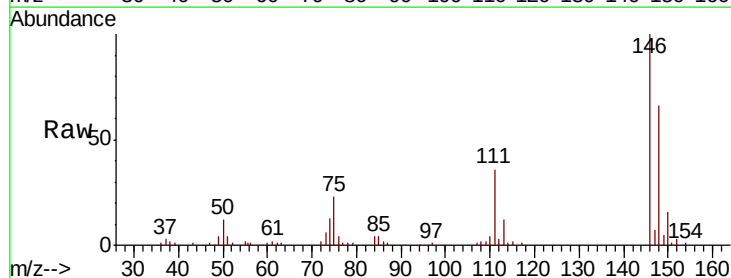


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

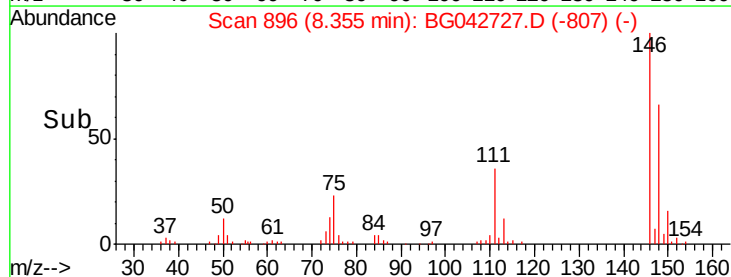
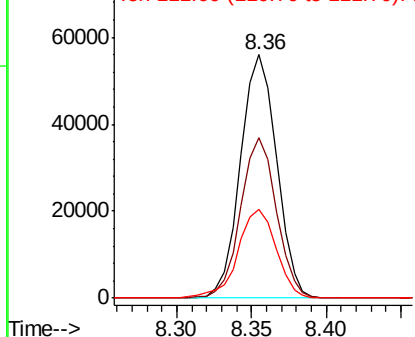


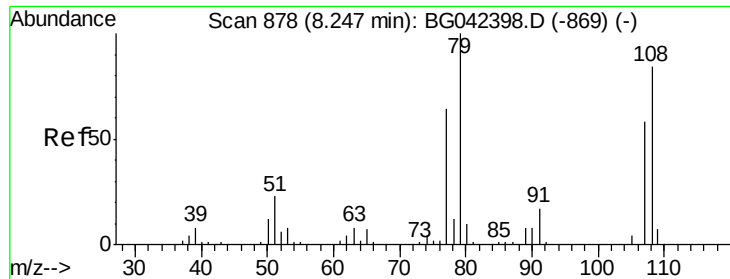
#14
 1,2-Dichlorobenzene
 Concen: 30.332 ng
 RT: 8.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BG042727.D
 Acq: 5 Sep 2019 19:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.0	51.8	77.6
111	36.2	30.9	46.3



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 30.591 ng

RT: 8.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BG042727.D

Acq: 5 Sep 2019 19:24

Instrument :

BNA_G

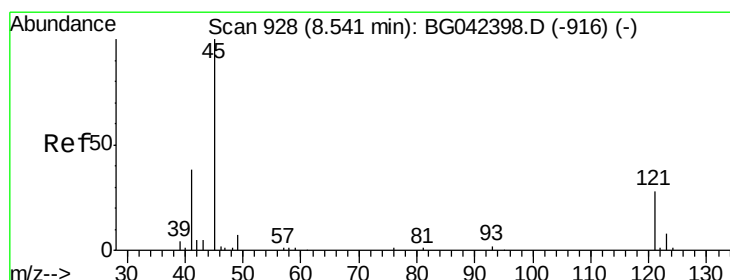
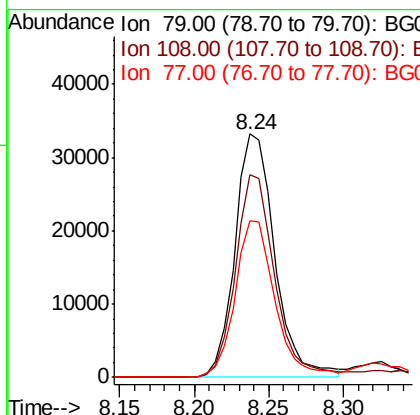
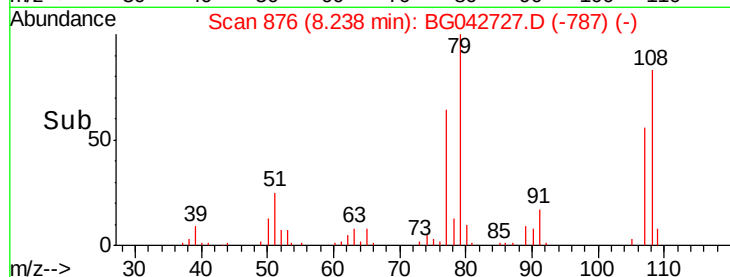
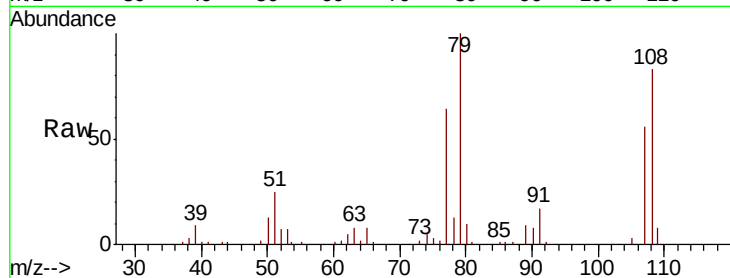
ClientSampleId :

SU-04-090319MSD

Tot Ion:	79	Resp:	61651
Ion	Ratio	Lower	Upper
79	100		
108	83.0	67.4	101.2
77	64.1	50.8	76.2

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 26.701 ng

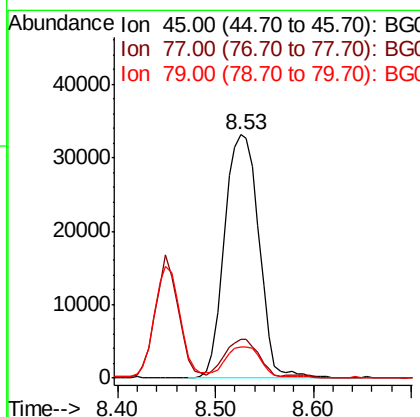
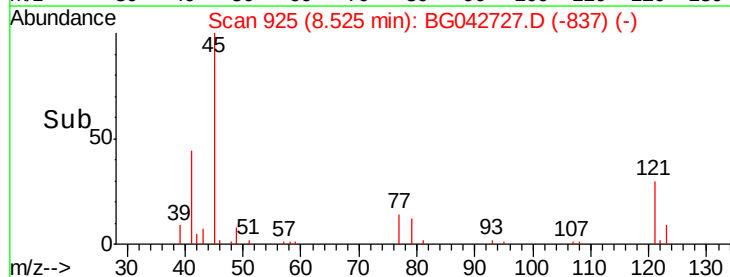
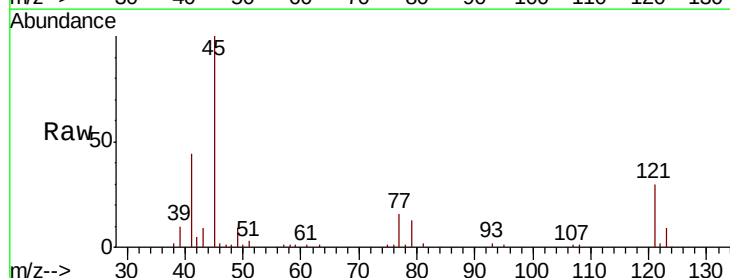
RT: 8.53 min Scan# 925

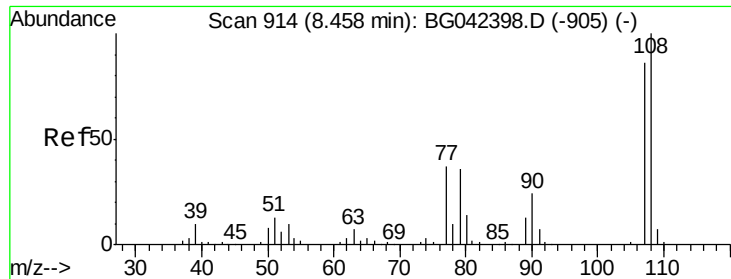
Delta R.T. -0.02 min

Lab File: BG042727.D

Acq: 5 Sep 2019 19:24

Tgt Ion:	45	Resp:	80951
Ion	Ratio	Lower	Upper
45	100		
77	15.7	0.0	35.6
79	12.7	0.0	31.6





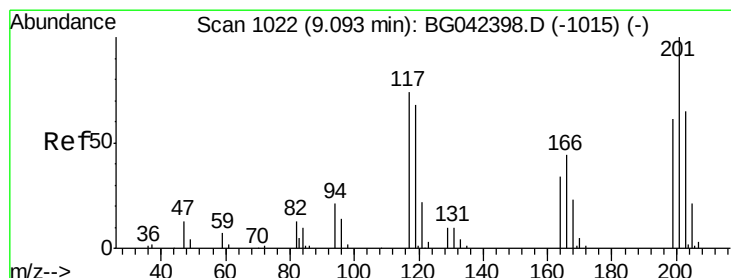
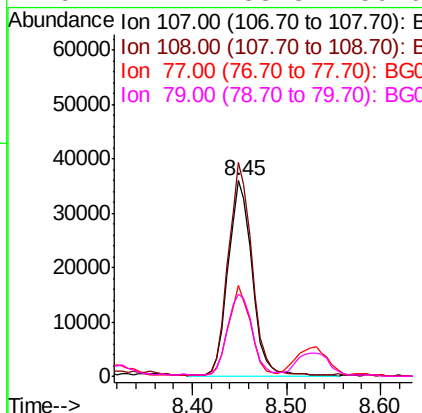
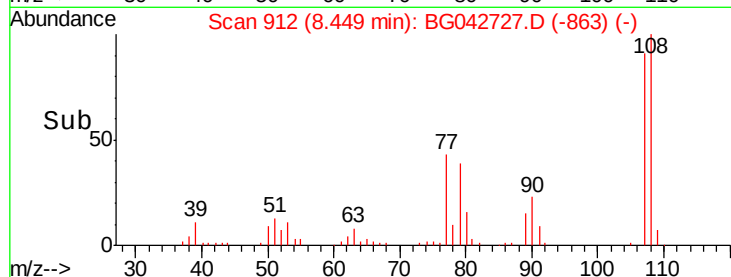
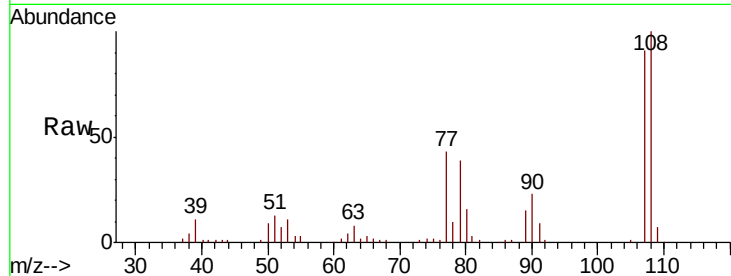
#17
2-Methylphenol
Concen: 30.690 ng
RT: 8.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BG042727.D
Acq: 5 Sep 2019 19:24

Instrument :
BNA_G
ClientSampleId :
SU-04-090319MSD

Tot Ion:	107	Resp:	64382
Ion	Ratio	Lower	Upper
107	100		
108	109.3	92.9	139.3
77	46.7	34.4	51.6
79	42.2	33.8	50.6

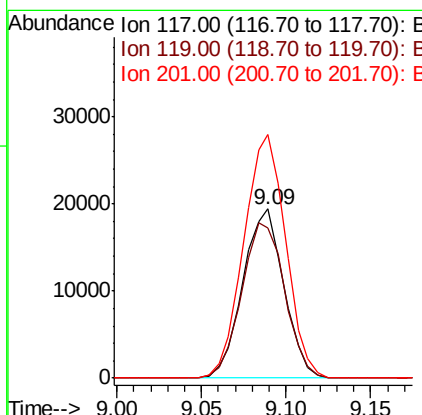
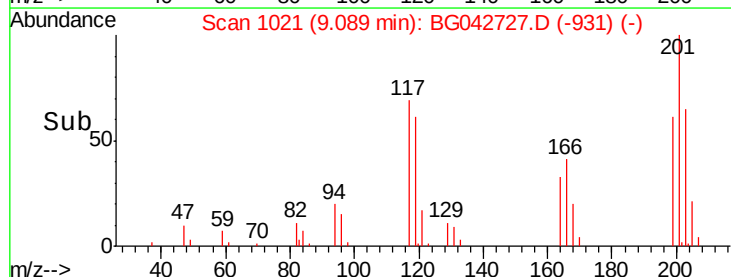
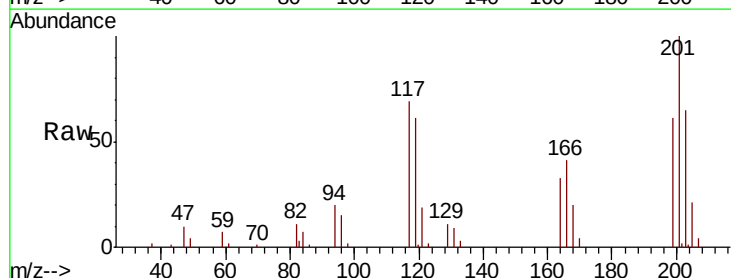
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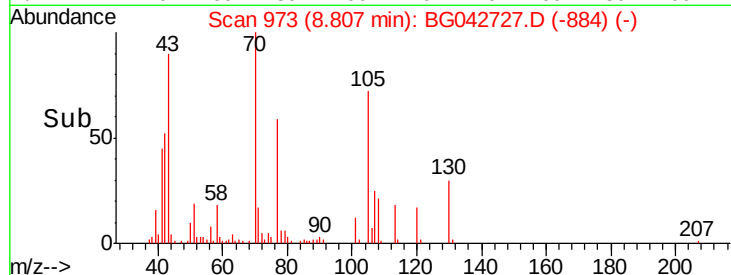
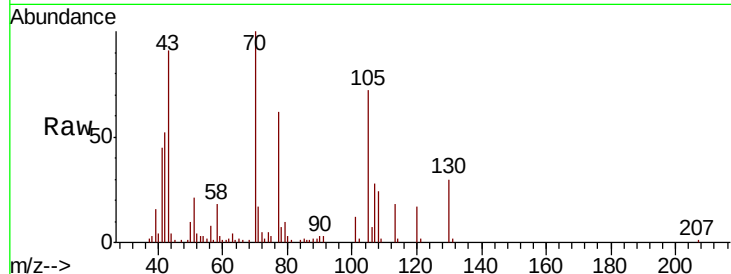
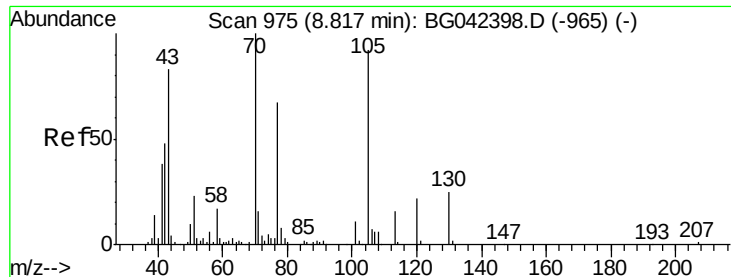
mohammad
9/10/2019 9:51:51 AM



#18
Hexachloroethane
Concen: 29.545 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BG042727.D
Acq: 5 Sep 2019 19:24

Tgt Ion:	117	Resp:	32757
Ion	Ratio	Lower	Upper
117	100		
119	88.4	73.8	110.8
201	143.9	108.3	162.5





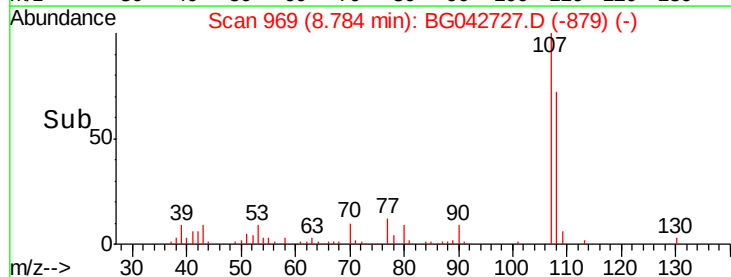
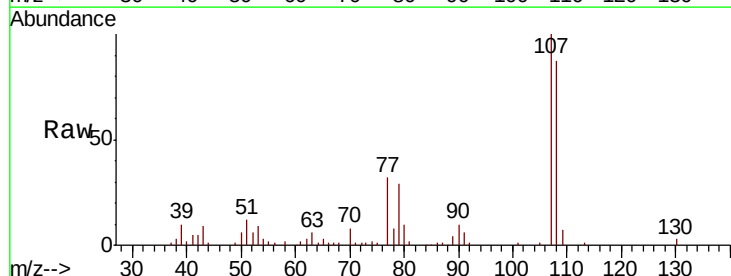
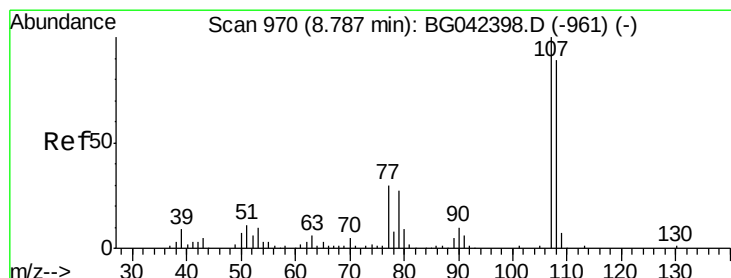
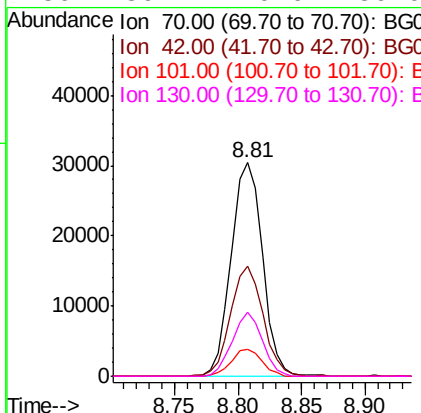
#19
n-Nitroso-di-n-propylamine
Concen: 28.645 ng
RT: 8.81 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG042727.D
Acq: 5 Sep 2019 19:24

Instrument :
BNA_G
ClientSampleId :
SU-04-090319MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	51.7	38.8	58.2	
101	12.4	9.0	13.6	
130	30.1	20.0	30.0#	

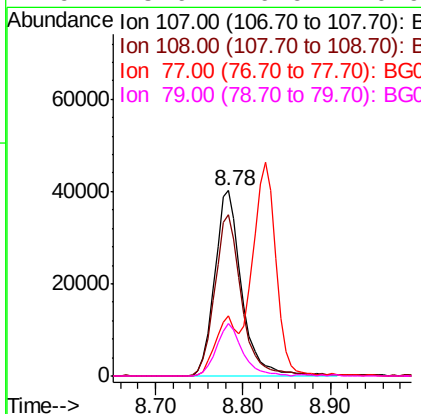
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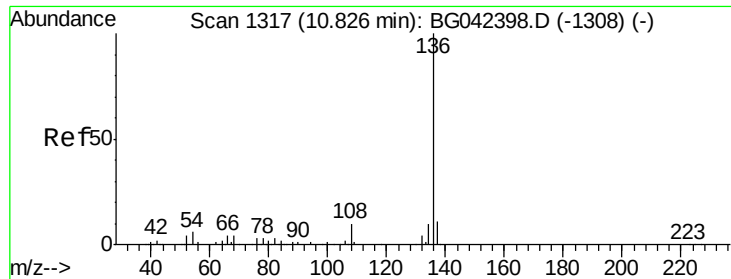
mohammad
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#20
3+4-Methylphenols
Concen: 29.416 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.00 min
Lab File: BG042727.D
Acq: 5 Sep 2019 19:24

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.8	68.7	108.7	
77	32.2	10.2	50.2	
79	28.6	6.9	46.9	





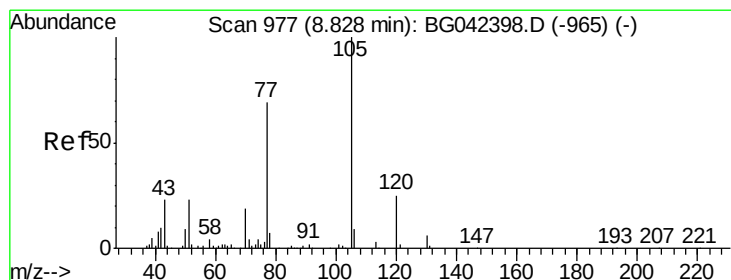
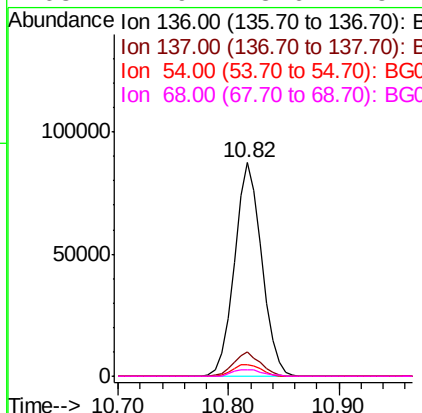
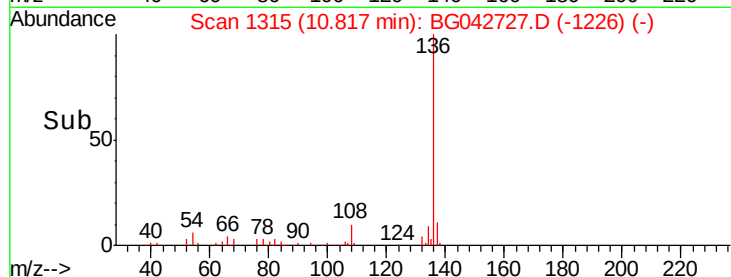
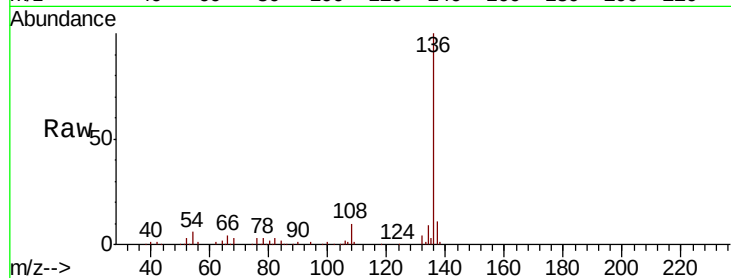
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BG042727.D
Acq: 5 Sep 2019 19:24

Instrument :
BNA_G
ClientSampleId :
SU-04-090319MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	151153		
137	11.4	8.7	13.1	
54	5.7	4.9	7.3	
68	2.9	3.6	5.4	

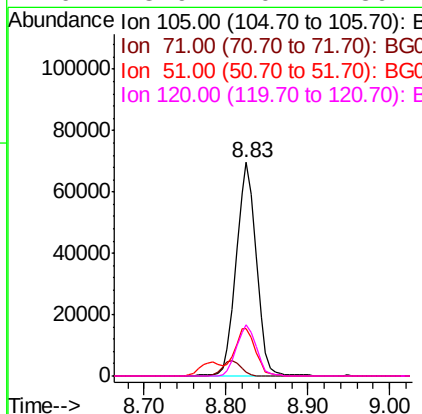
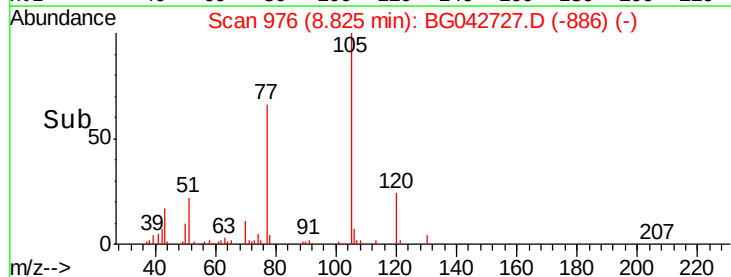
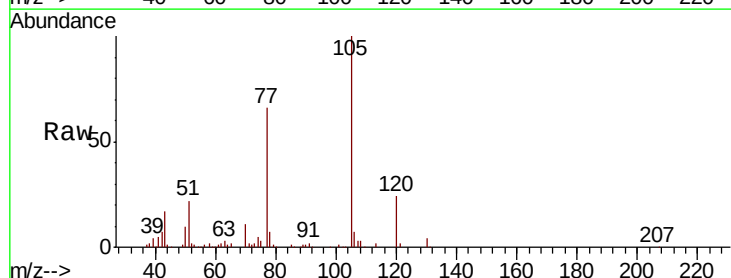
Manual Integrations
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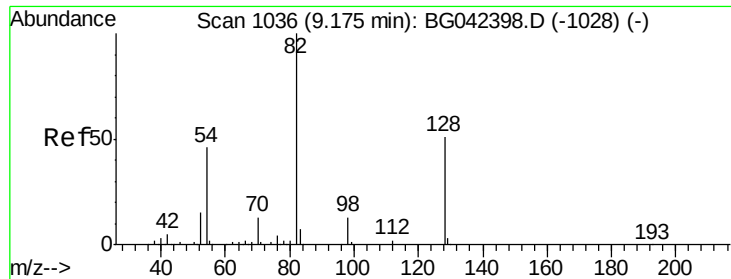
mohammad
9/10/2019 9:51:51 AM



#22
Acetophenone
Concen: 37.029 ng
RT: 8.83 min Scan# 976
Delta R.T. -0.00 min
Lab File: BG042727.D
Acq: 5 Sep 2019 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	119710		
71	2.0	2.8	4.2	
51	21.9	18.7	28.1	
120	23.9	20.1	30.1	





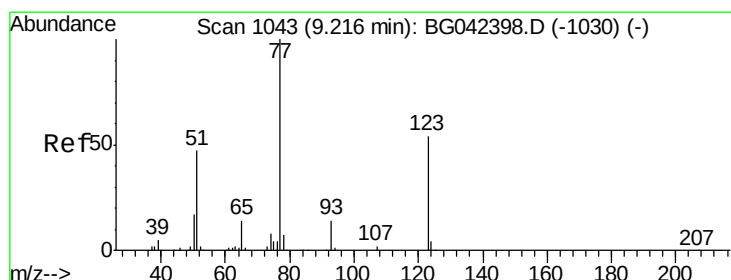
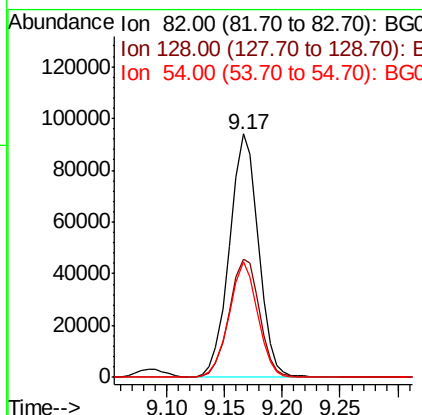
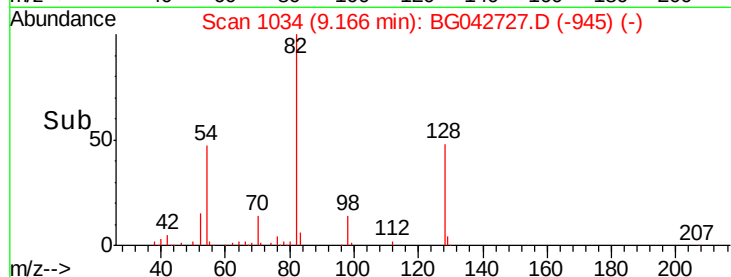
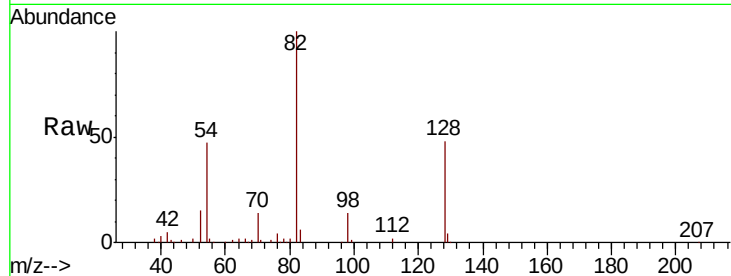
#23
 Nitrobenzene-d5
 Concen: 74.848 ng
 RT: 9.17 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BG042727.D
 Acq: 5 Sep 2019 19:24

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-090319MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	163718		
128	48.4	40.7	61.1	
54	47.4	36.3	54.5	

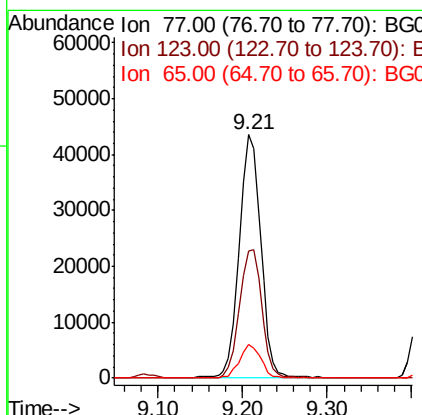
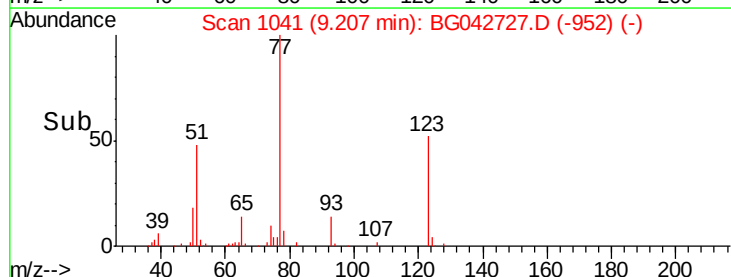
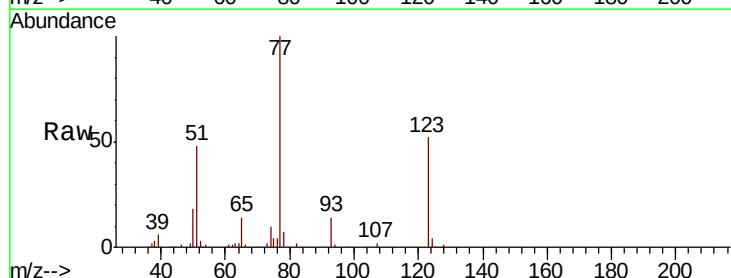
Manual Integrations
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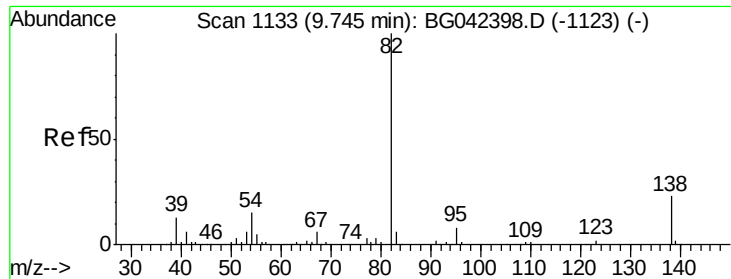
mohammad
 9/10/2019 9:51:51 AM



#24
 Nitrobenzene
 Concen: 34.674 ng
 RT: 9.21 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG042727.D
 Acq: 5 Sep 2019 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	76802		
123	52.3	43.4	65.0	
65	13.8	11.0	16.6	





#25

Isophorone

Concen: 33.225 ng

RT: 9.74 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BG042727.D

Acq: 5 Sep 2019 19:24

Instrument :

BNA_G

ClientSampleId :

SU-04-090319MSD

Tot Ion: 82 Resp: 143423

Ion Ratio Lower Upper

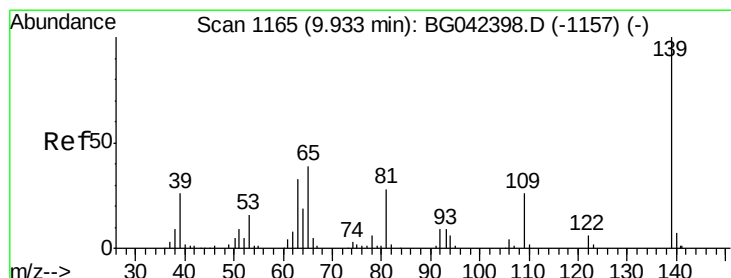
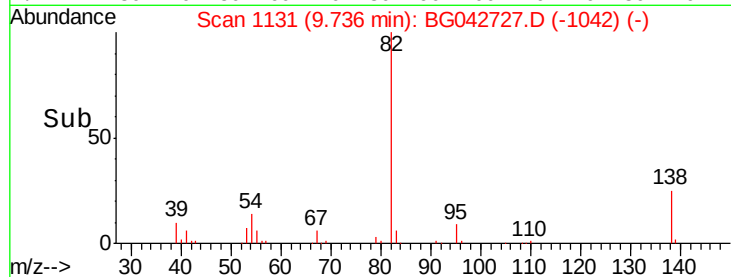
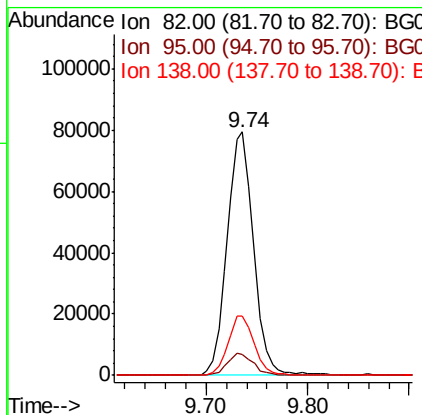
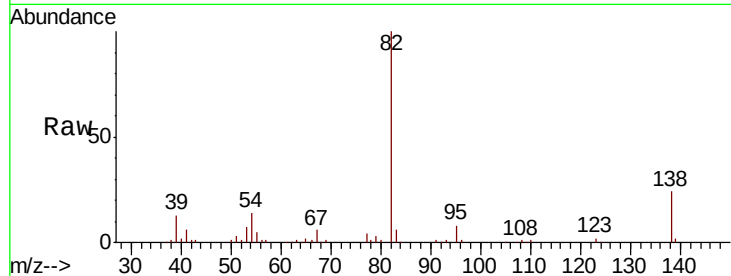
82 100

95 8.5 6.6 9.8

138 24.5 18.6 27.8

Manual Integrations
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mohammad
9/10/2019 9:51:51 AM



#26

2-Nitrophenol

Concen: 37.244 ng

RT: 9.93 min Scan# 1164

Delta R.T. -0.00 min

Lab File: BG042727.D

Acq: 5 Sep 2019 19:24

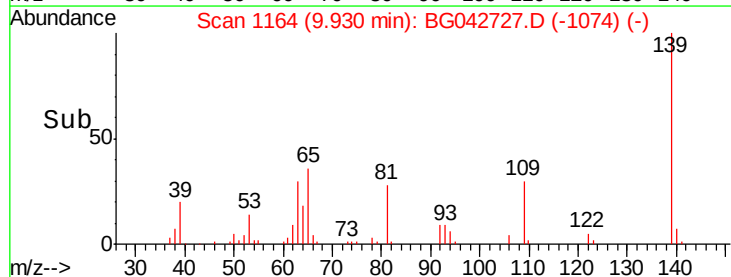
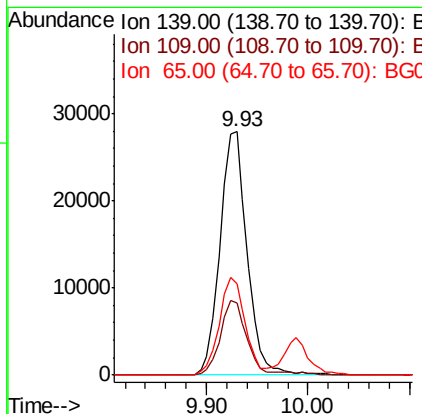
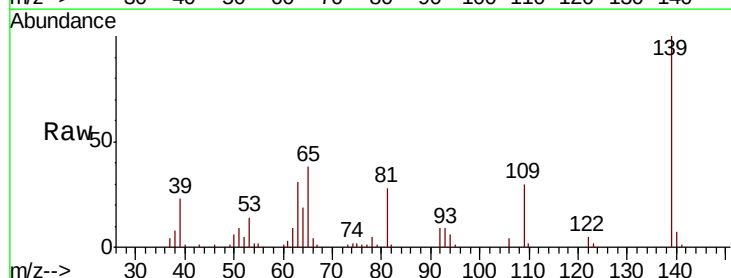
Tgt Ion: 139 Resp: 51697

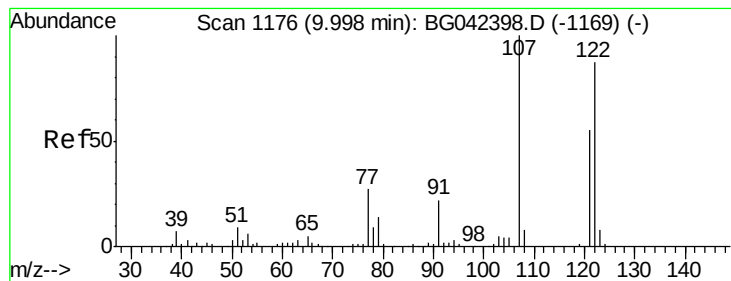
Ion Ratio Lower Upper

139 100

109 29.7 20.5 30.7

65 37.7 30.9 46.3





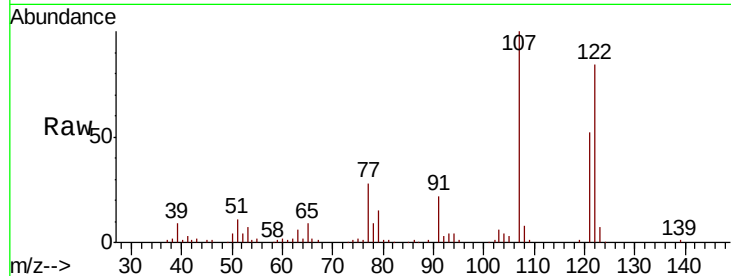
#27
2,4-Dimethylphenol
Concen: 40.910 ng
RT: 9.99 min Scan# 1174
Delta R.T. -0.01 min
Lab File: BG042727.D
Acq: 5 Sep 2019 19:24

Instrument :
BNA_G
ClientSampleId :
SU-04-090319MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	119.2	90.8	136.2
121	61.4	49.6	74.4

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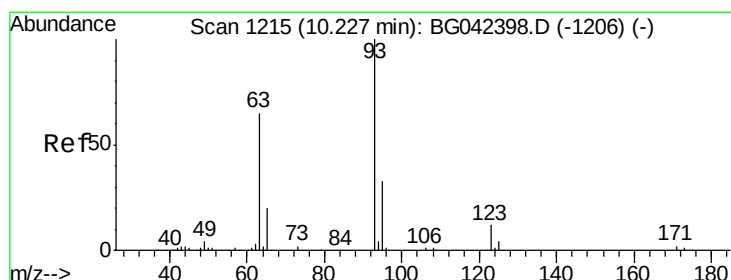
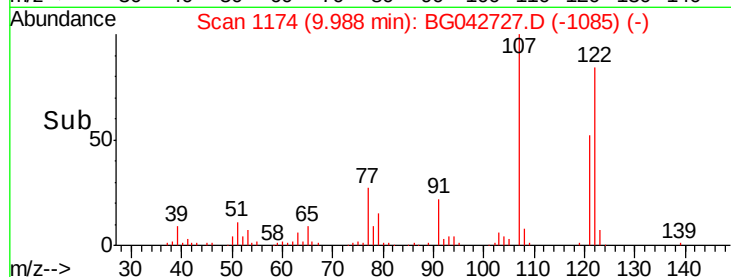
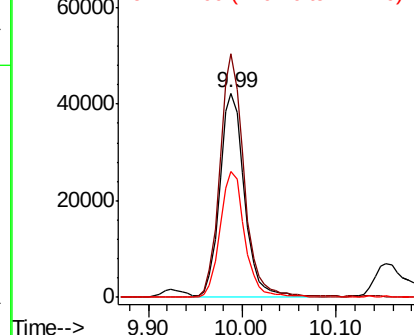


Abundance

Ion 122.00 (121.70 to 122.70): E

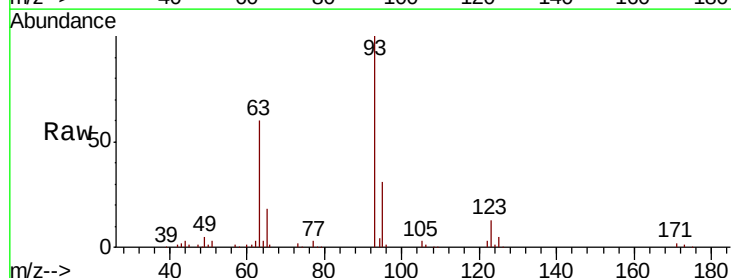
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 32.875 ng
RT: 10.22 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BG042727.D
Acq: 5 Sep 2019 19:24

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.3	26.6	40.0
123	13.4	10.1	15.1

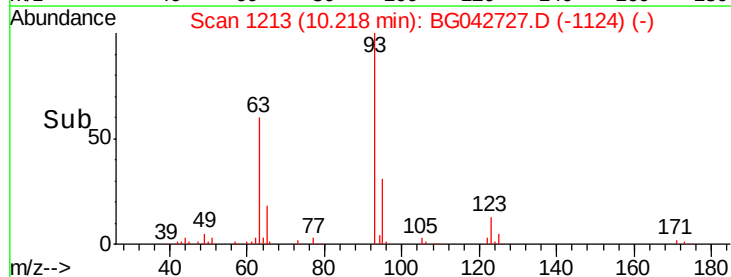
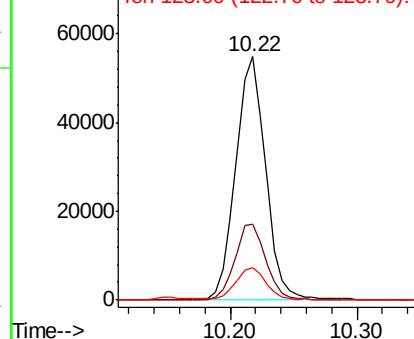


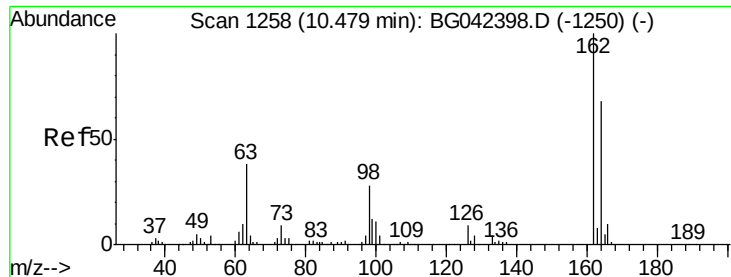
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





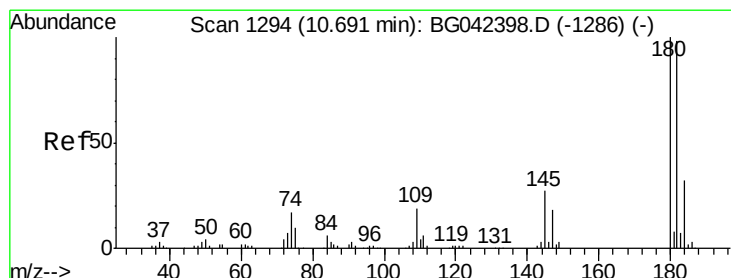
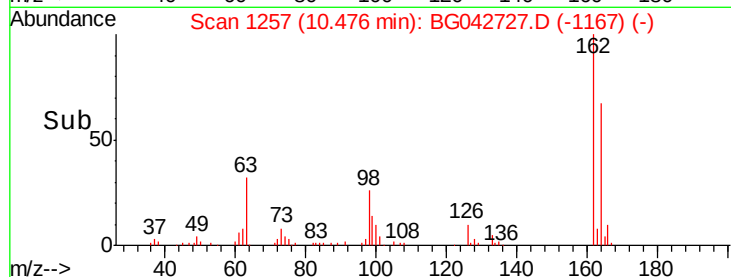
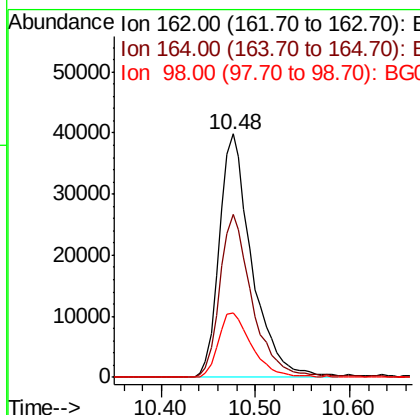
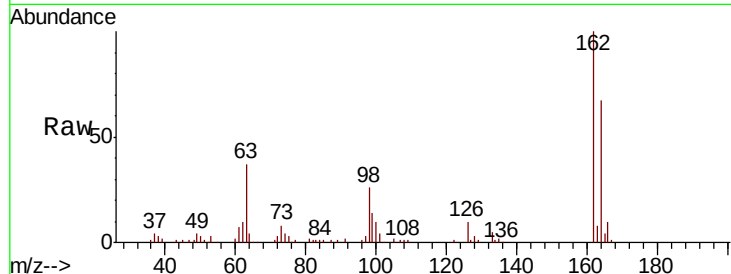
#29
 2,4-Dichlorophenol
 Concen: 38.308 ng
 RT: 10.48 min Scan# 1257
 Delta R.T. -0.00 min
 Lab File: BG042727.D
 Acq: 5 Sep 2019 19:24

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-090319MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	95833		
164	66.7	48.1	88.1	
98	26.3	7.6	47.6	

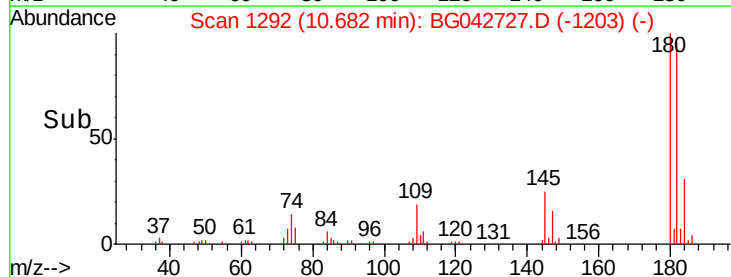
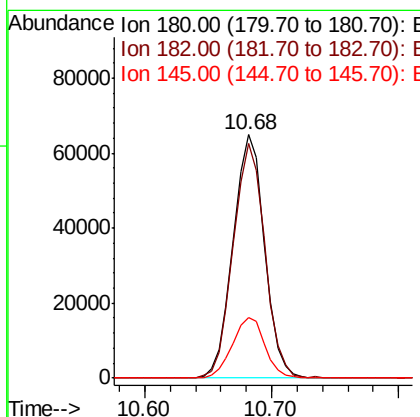
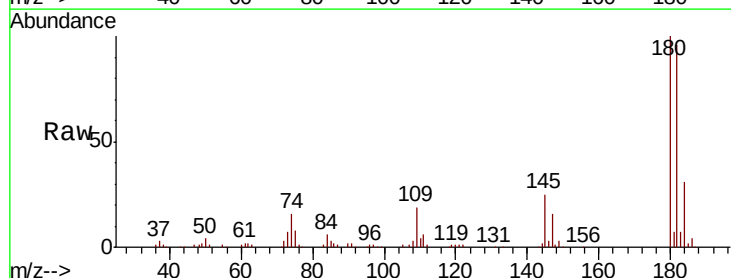
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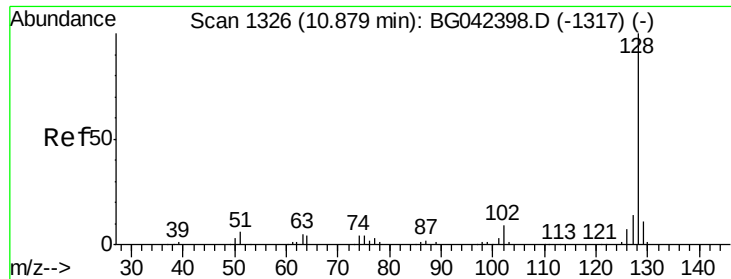
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#30
 1,2,4-Trichlorobenzene
 Concen: 36.207 ng
 RT: 10.68 min Scan# 1292
 Delta R.T. -0.01 min
 Lab File: BG042727.D
 Acq: 5 Sep 2019 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	111178		
182	96.4	78.7	118.1	
145	25.1	21.6	32.4	





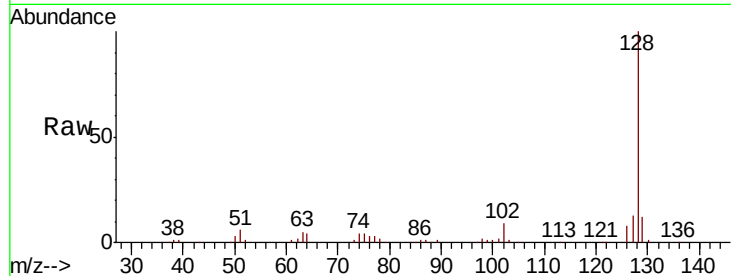
#31
Naphthalene
Concen: 36.079 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG042727.D
Acq: 5 Sep 2019 19:24

Instrument :
BNA_G
ClientSampleId :
SU-04-090319MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	253189		
129	11.6		8.8	13.2
127	13.4		11.4	17.0

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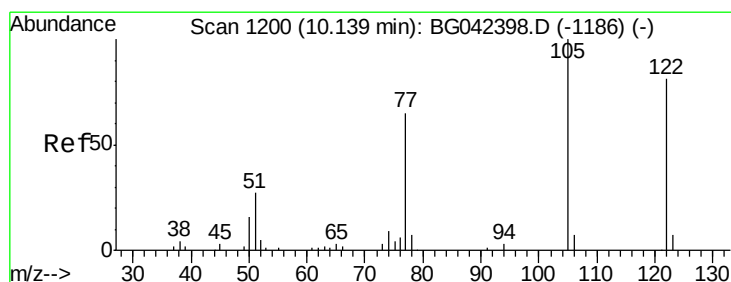
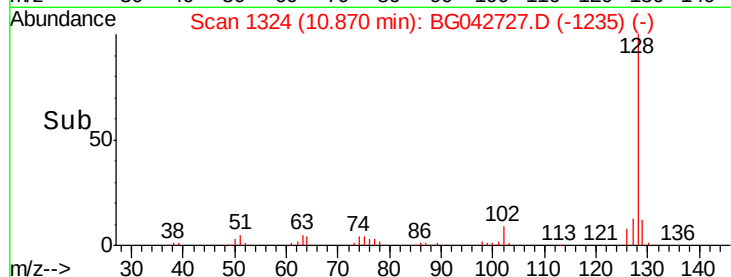
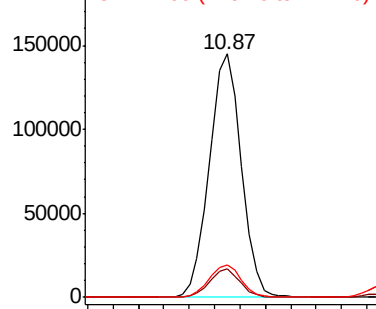


Abundance

Ion 128.00 (127.70 to 128.70): E

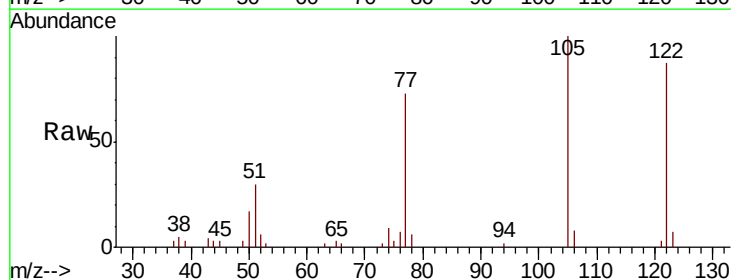
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 20.663 ng
RT: 10.15 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BG042727.D
Acq: 5 Sep 2019 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	20893		
105	115.3		99.6	139.6
77	84.6		59.5	99.5

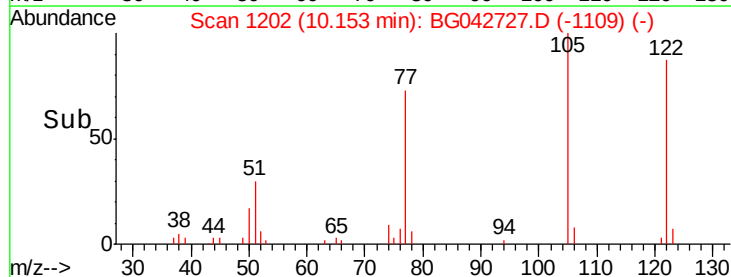
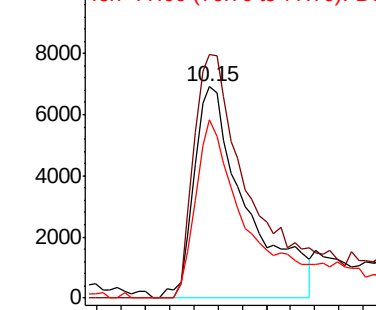


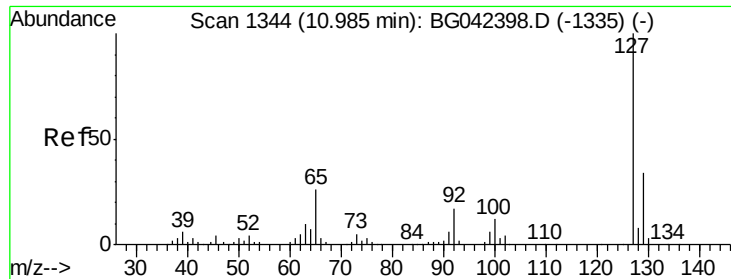
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC





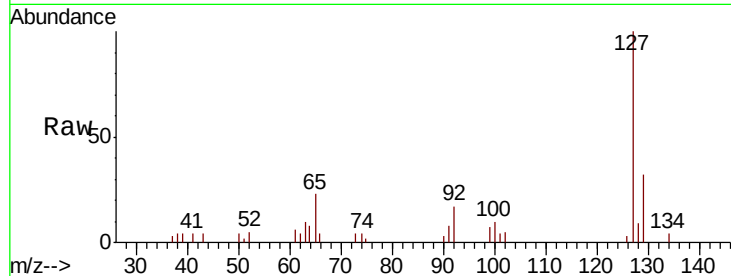
#33
4-Chloroaniline
Concen: 4.570 ng
RT: 10.99 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BG042727.D
Acq: 5 Sep 2019 19:24

Instrument :
BNA_G
ClientSampleId :
SU-04-090319MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.8	40.2
65	23.1	20.7	31.1
92	17.0	13.6	20.4

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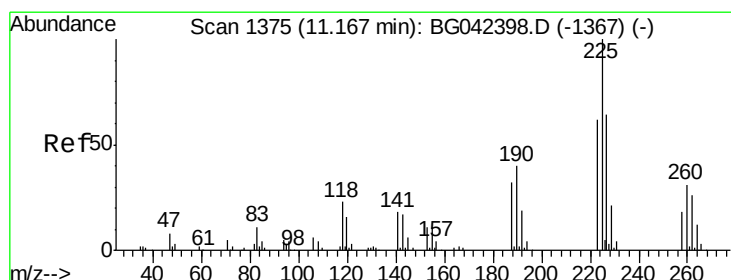
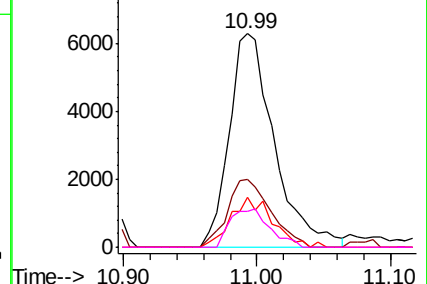
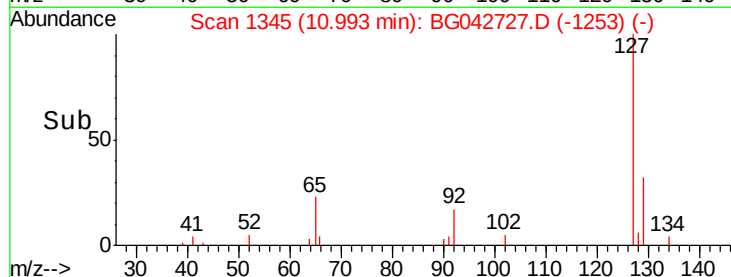
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

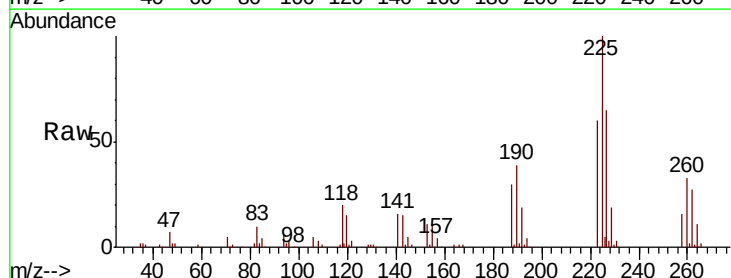
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 36.885 ng
RT: 11.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BG042727.D
Acq: 5 Sep 2019 19:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.2	49.8	74.6
227	64.7	50.9	76.3

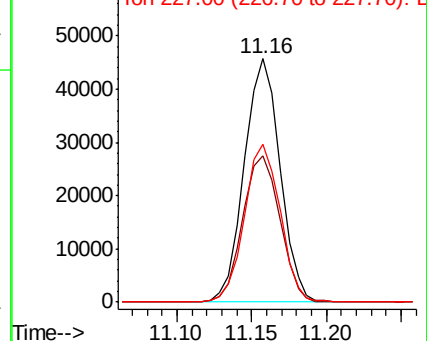
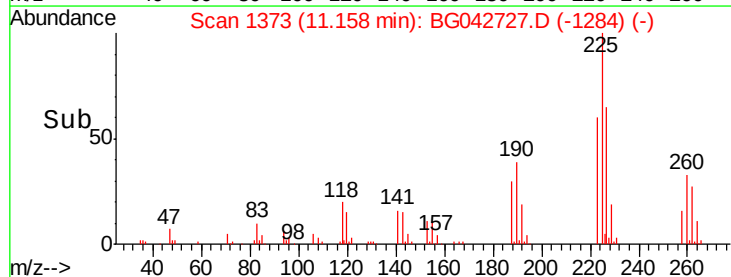


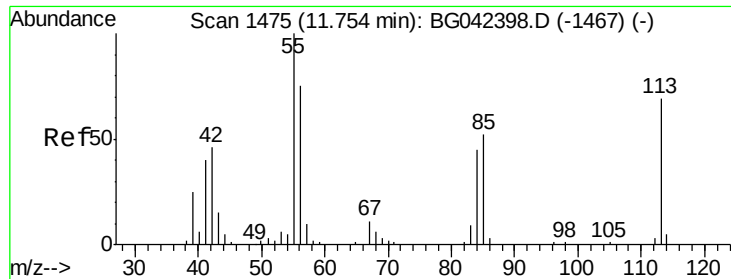
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





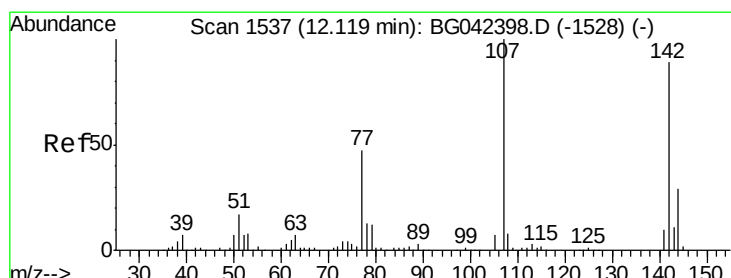
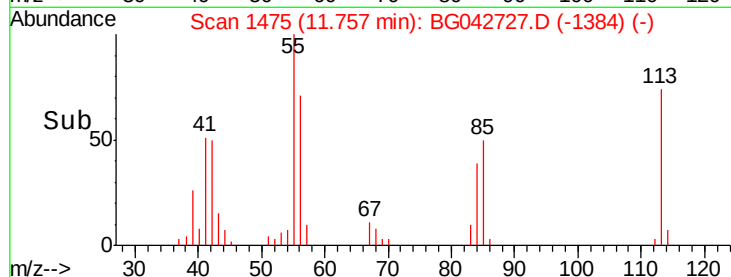
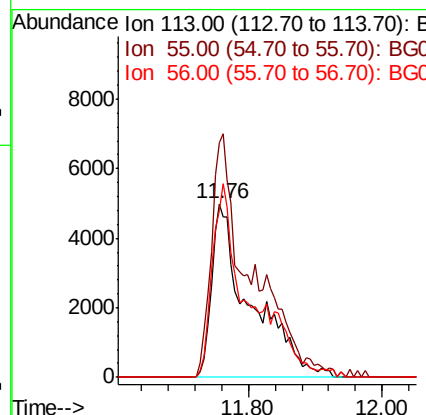
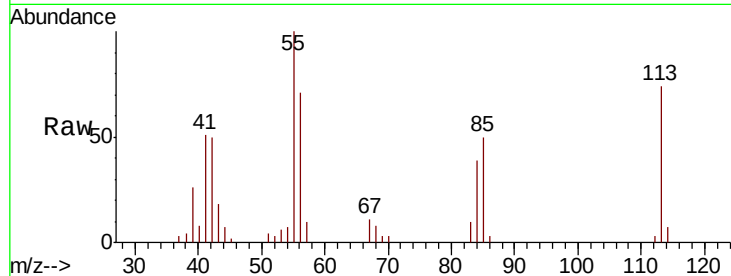
#35
Caprolactam
Concen: 24.027 ng/ml
RT: 11.76 min Scan# 1475
Delta R.T. 0.00 min
Lab File: BG042727.D
Acq: 5 Sep 2019 19:24

Instrument :
BNA_G
ClientSampleId :
SU-04-090319MSD

Tot Ion: 113 Resp: 20056
Ion Ratio Lower Upper
113 100
55 135.0 124.6 164.6
56 96.3 88.3 128.3

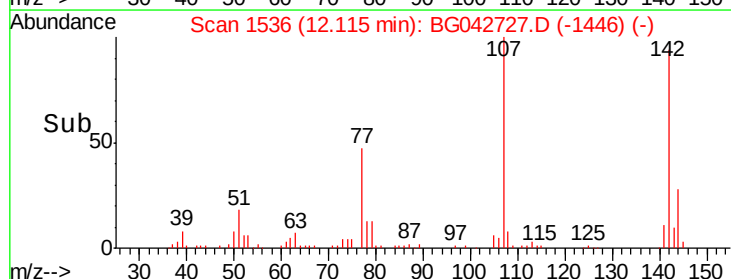
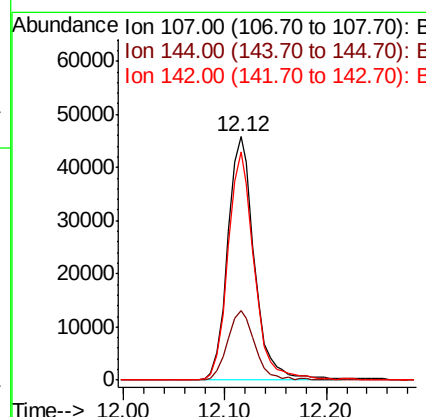
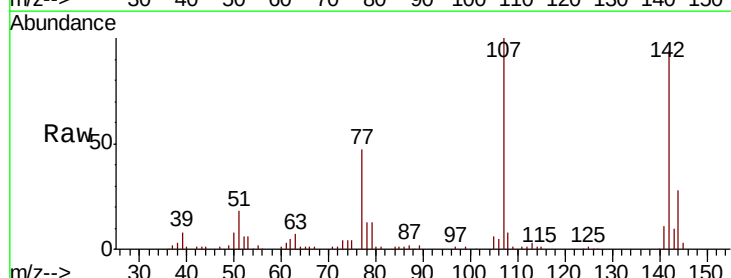
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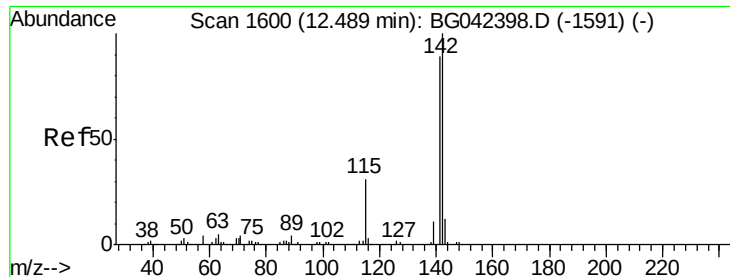
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9/10/2019 9:51:51 AM



#36
4-Chloro-3-methylphenol
Concen: 35.217 ng/ml
RT: 12.12 min Scan# 1536
Delta R.T. -0.00 min
Lab File: BG042727.D
Acq: 5 Sep 2019 19:24

Tgt Ion: 107 Resp: 83633
Ion Ratio Lower Upper
107 100
144 28.5 23.6 35.4
142 93.8 71.0 106.4





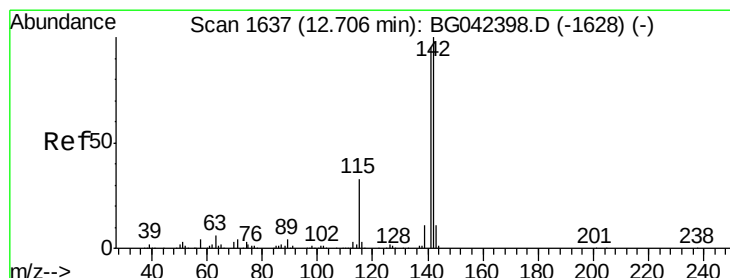
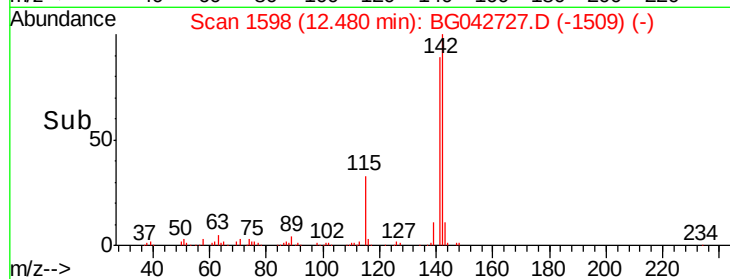
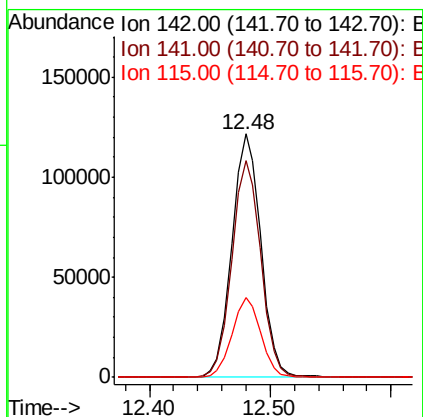
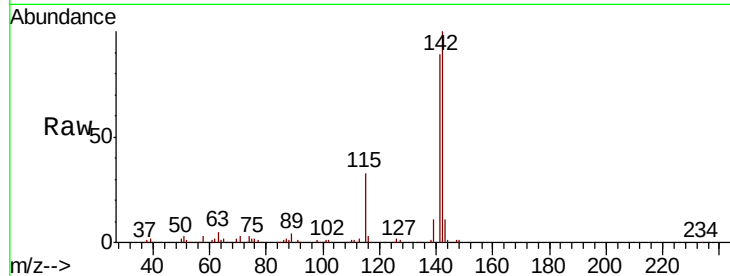
#37
2-Methylnaphthalene
Concen: 36.067 ng
RT: 12.48 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BG042727.D
Acq: 5 Sep 2019 19:24

Instrument :
BNA_G
ClientSampleId :
SU-04-090319MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.4	107.2
115	32.9	25.2	37.8

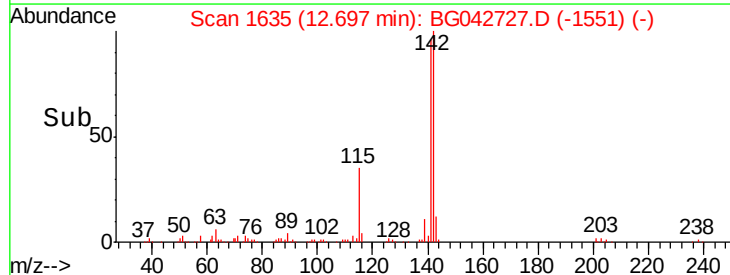
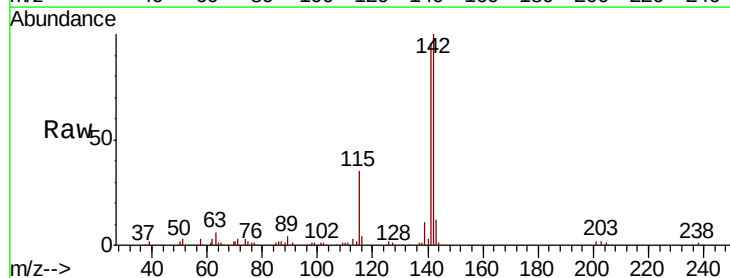
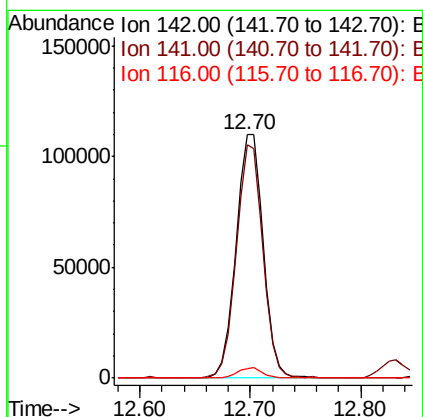
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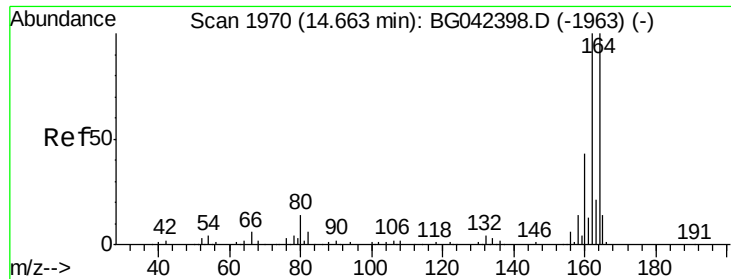
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#38
1-Methylnaphthalene
Concen: 35.421 ng
RT: 12.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: BG042727.D
Acq: 5 Sep 2019 19:24

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.7	76.2	114.2
116	4.0	2.8	4.2





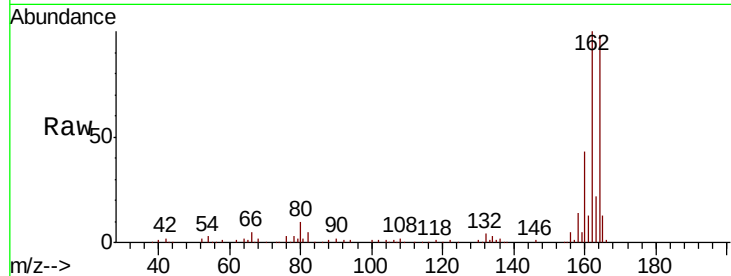
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG042727.D
Acq: 5 Sep 2019 19:24

Instrument :
BNA_G
ClientSampleId :
SU-04-090319MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.4	79.9	119.9
160	43.7	34.3	51.5

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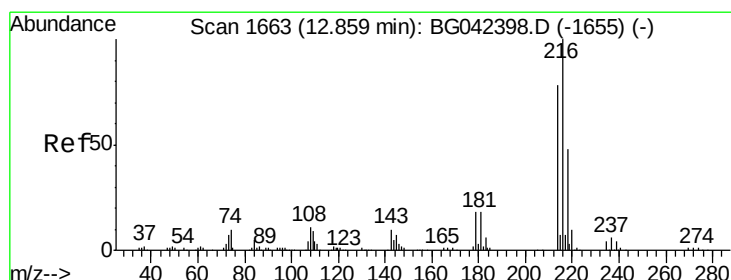
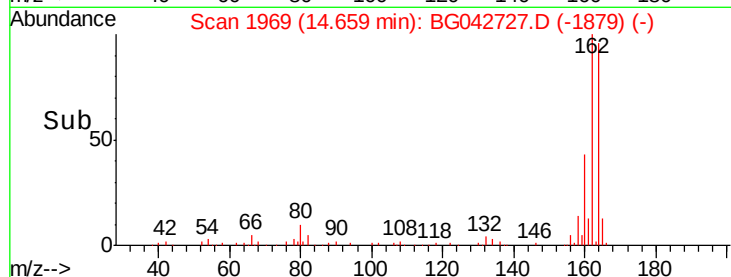
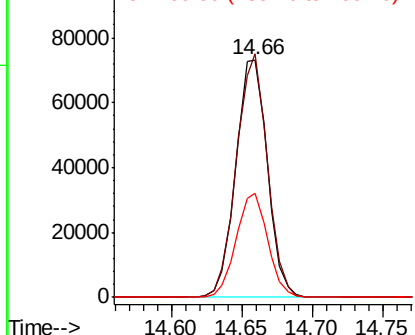


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.563 ng
RT: 12.86 min Scan# 1662
Delta R.T. -0.00 min
Lab File: BG042727.D
Acq: 5 Sep 2019 19:24

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.1	61.4	92.2
179	18.4	15.1	22.7
108	12.2	9.4	14.0

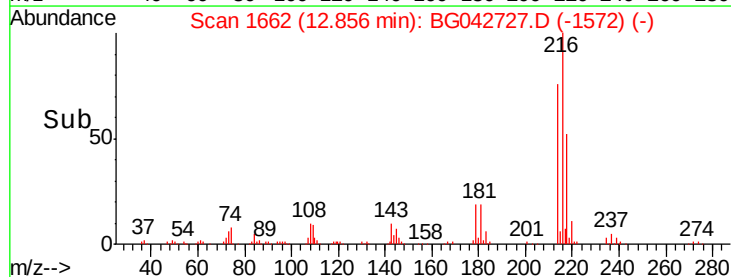
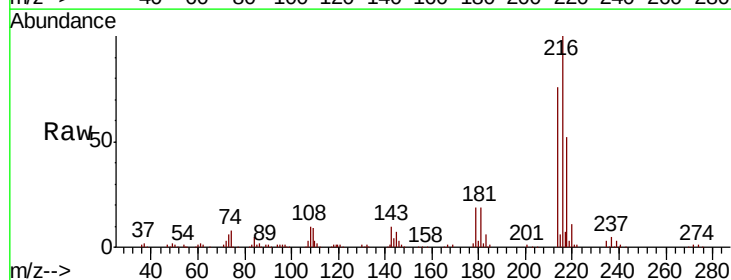
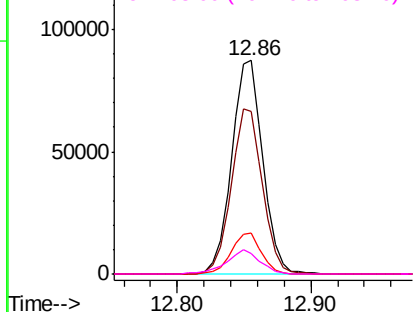
Abundance

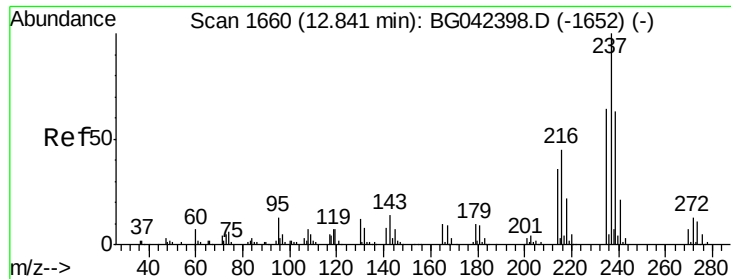
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





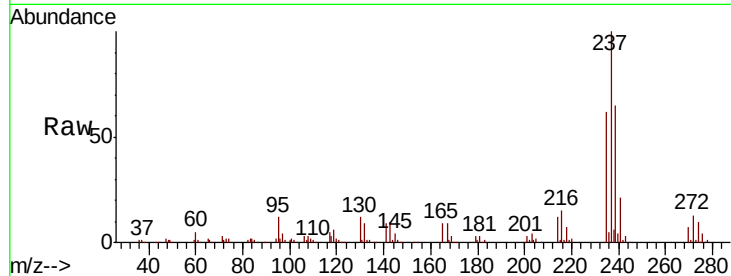
#41
Hexachlorocyclopentadiene
Concen: 75.809 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.01 min
Lab File: BG042727.D
Acq: 5 Sep 2019 19:24

Instrument :
BNA_G
ClientSampleId :
SU-04-090319MSD

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	62.0	43.7	83.7	
272	12.9	0.0	33.3	

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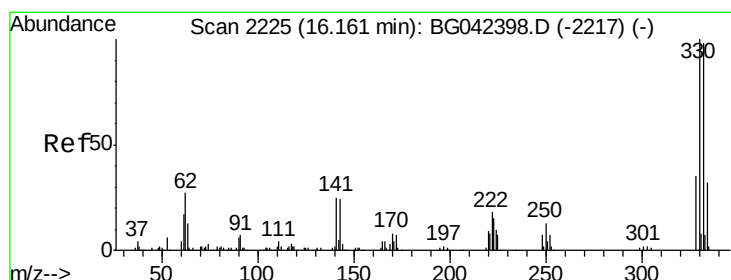
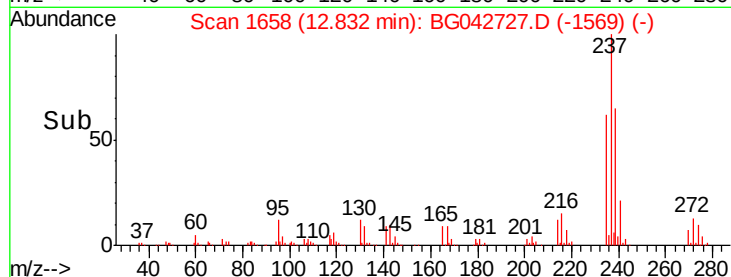
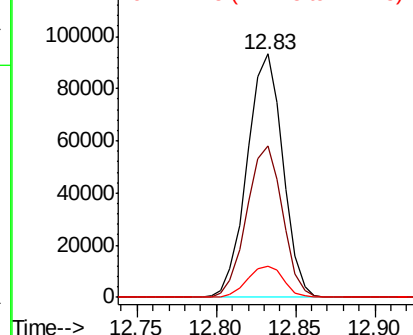


Abundance

Ion 236.80 (236.50 to 237.50): E

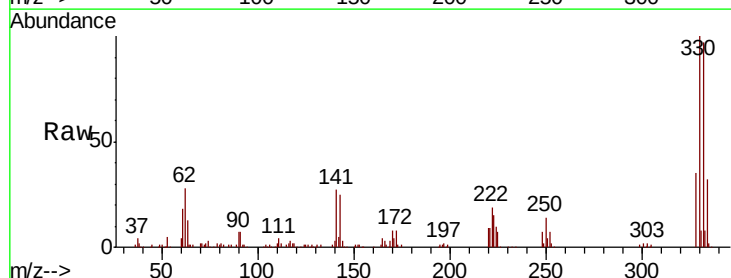
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 120.149 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BG042727.D
Acq: 5 Sep 2019 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.9	77.4	116.0	
141	25.8	21.4	32.0	

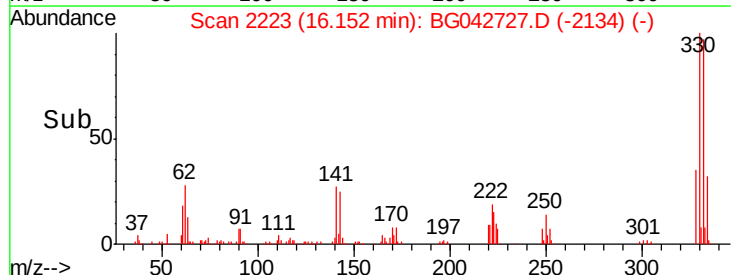
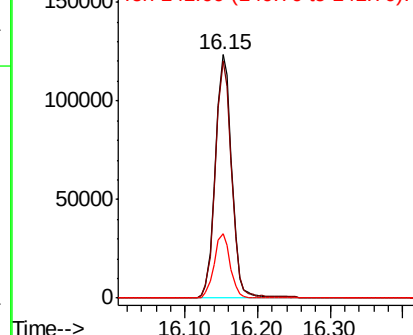


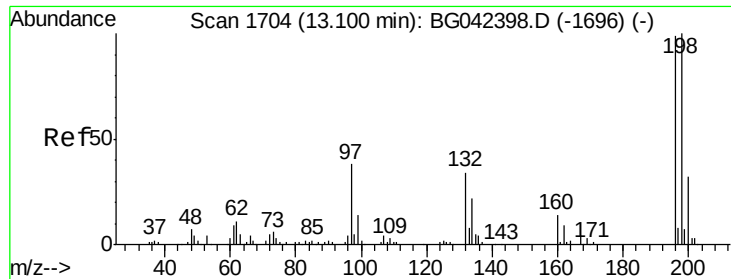
Abundance

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





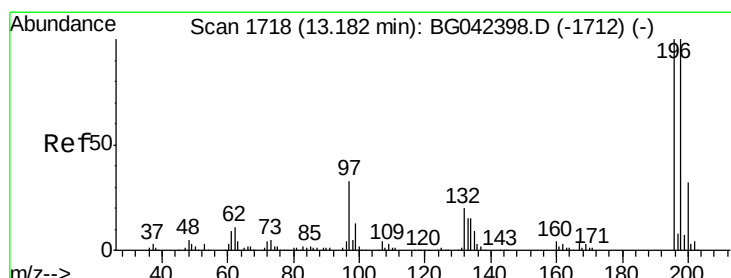
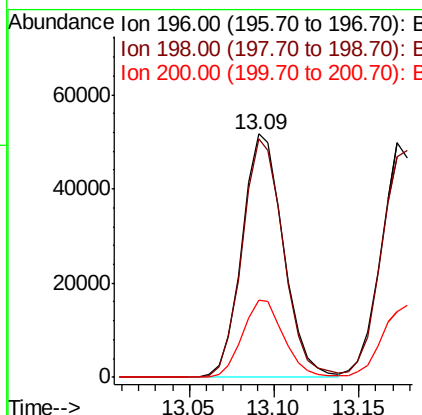
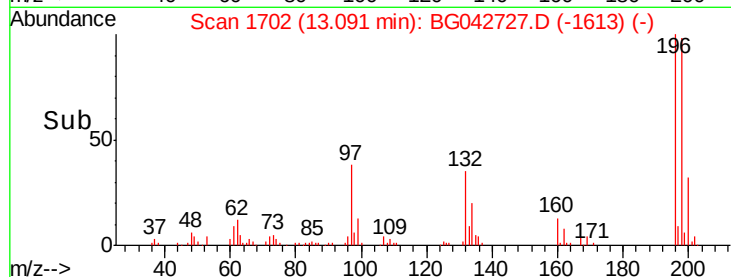
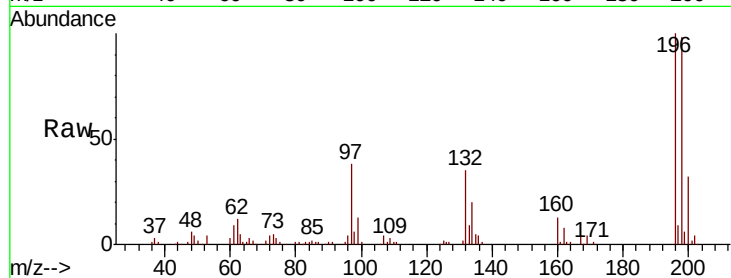
#43
 2,4,6-Trichlorophenol
 Concen: 35.476 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG042727.D
 Acq: 5 Sep 2019 19:24

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-090319MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	88108		
198	97.8	80.7	121.1	
200	31.7	25.7	38.5	

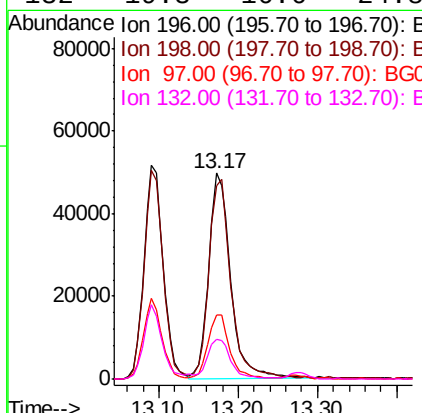
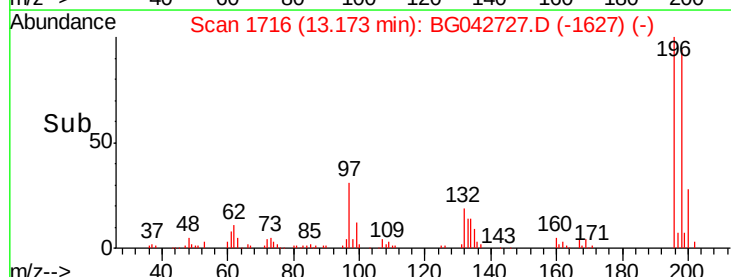
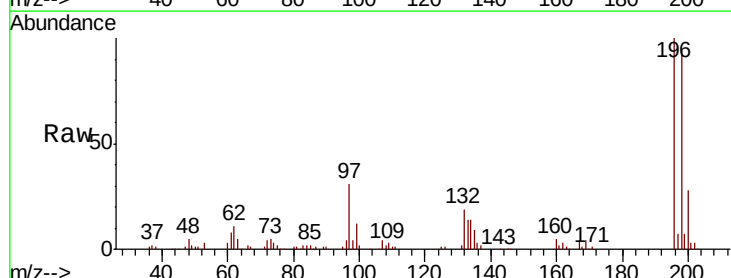
Manual Integrations
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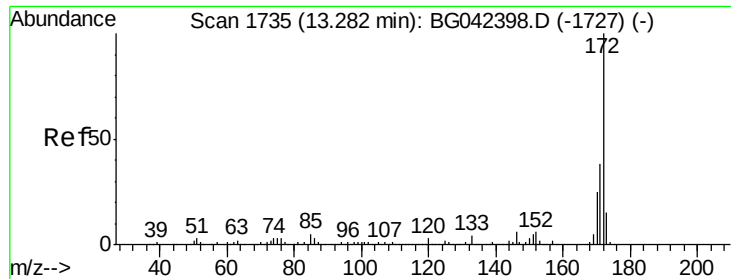
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 37.177 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG042727.D
 Acq: 5 Sep 2019 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	95683		
198	93.9	80.2	120.4	
97	31.4	26.3	39.5	
132	19.3	16.6	24.8	





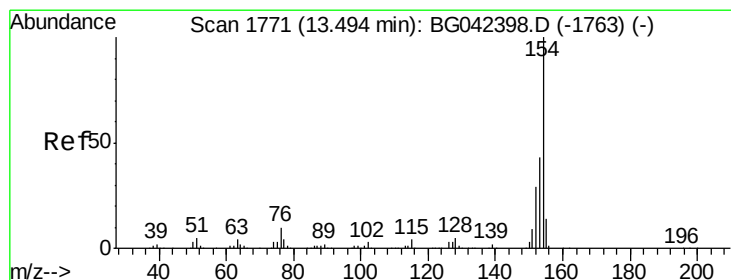
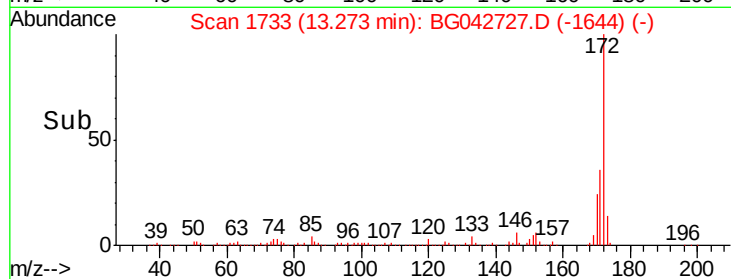
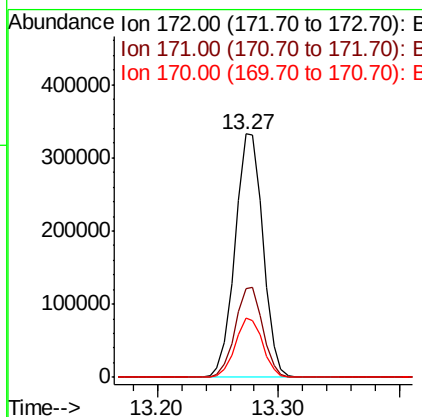
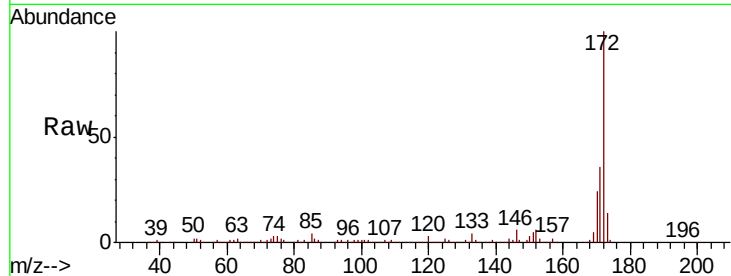
#45
2-Fluorobiphenyl
Concen: 79.408 ng
RT: 13.27 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BG042727.D
Acq: 5 Sep 2019 19:24

Instrument :
BNA_G
ClientSampleId :
SU-04-090319MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.5	45.7
170	24.5	20.2	30.2

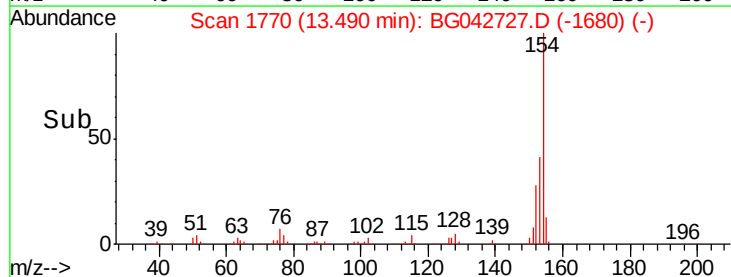
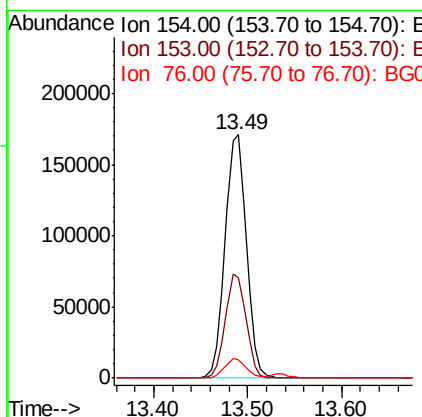
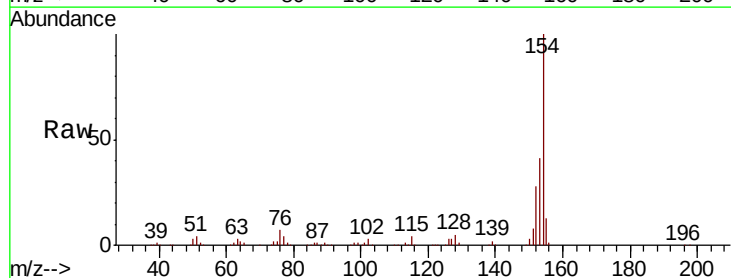
Manual Integrations
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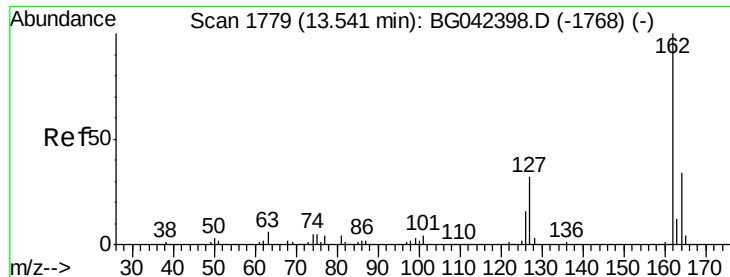
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#46
1,1'-Biphenyl
Concen: 36.465 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.00 min
Lab File: BG042727.D
Acq: 5 Sep 2019 19:24

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	23.0	63.0
76	7.3	0.0	29.6





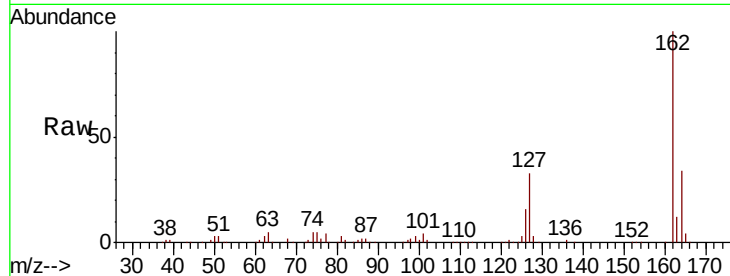
#47
 2-Chloronaphthalene
 Concen: 35.348 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BG042727.D
 Acq: 5 Sep 2019 19:24

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-090319MSD

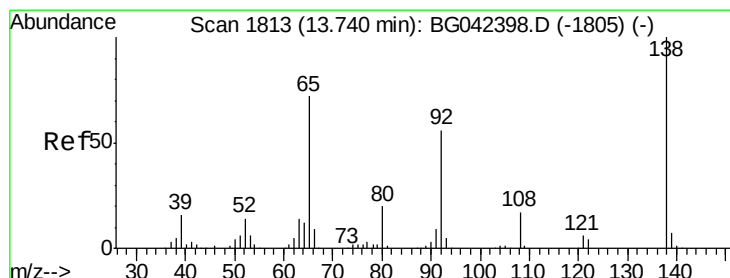
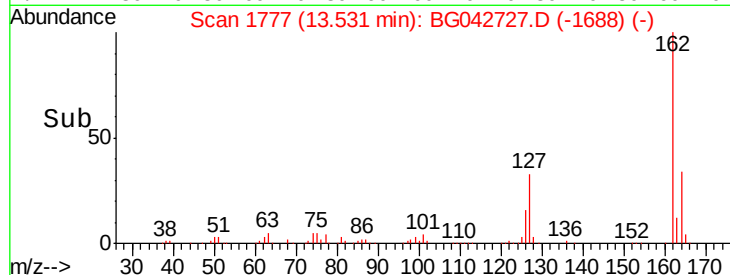
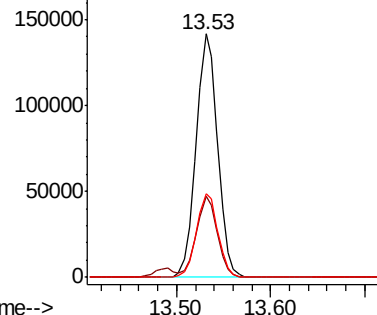
Tot Ion	Ratio	Lower	Upper
162	100		
127	33.1	26.0	39.0
164	34.1	27.4	41.0

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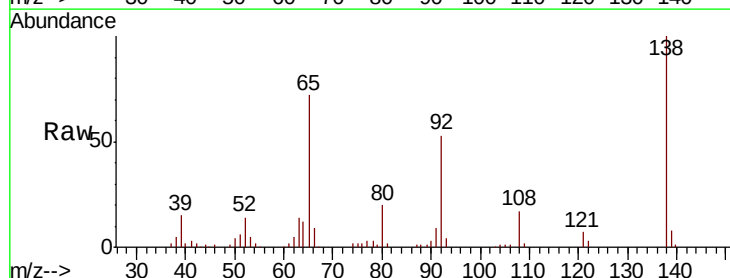


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

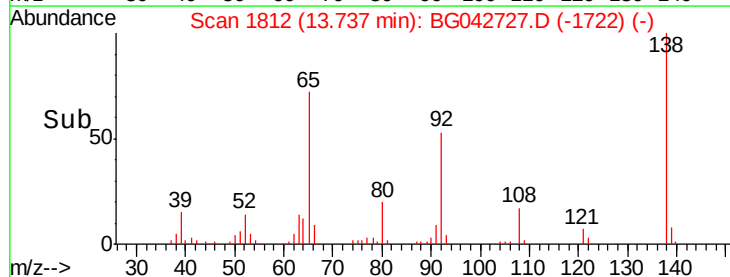
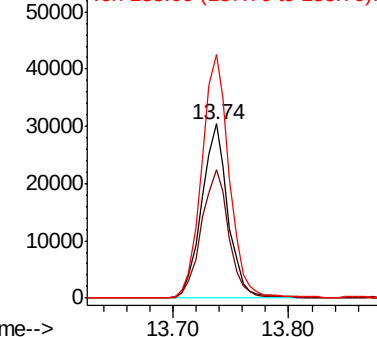


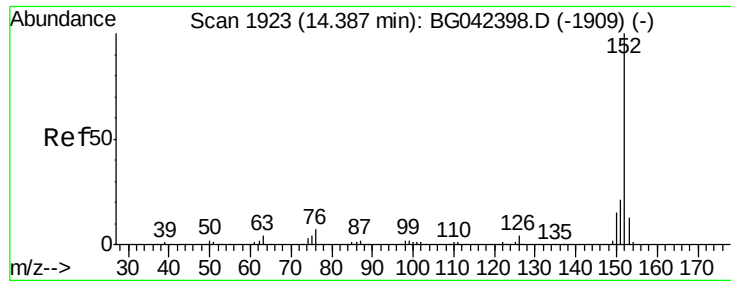
#48
 2-Nitroaniline
 Concen: 31.218 ng
 RT: 13.74 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: BG042727.D
 Acq: 5 Sep 2019 19:24

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.4	61.8	92.6
138	139.7	111.0	166.6



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: 36.293 ng

RT: 14.38 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG042727.D

Acq: 5 Sep 2019 19:24

Instrument :

BNA_G

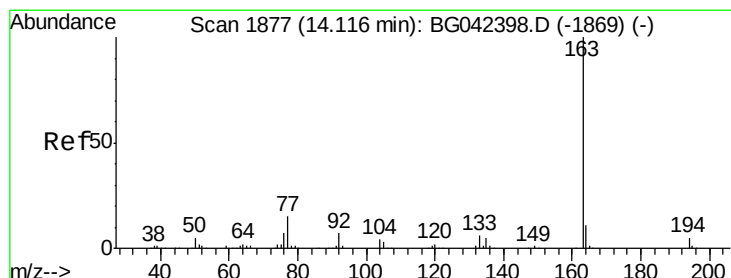
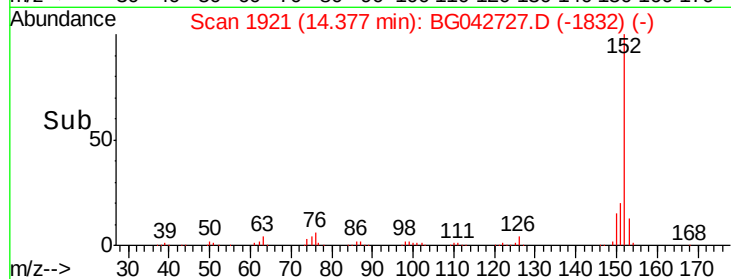
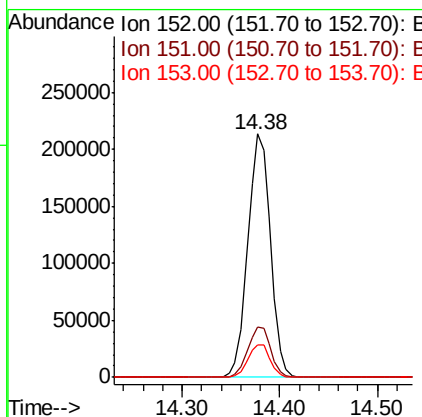
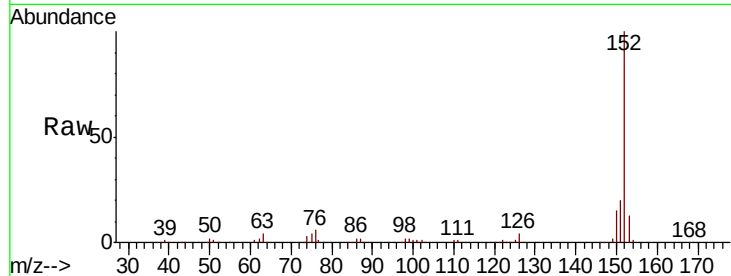
ClientSampleId :

SU-04-090319MSD

Tot Ion:	152	Resp:	348212
Ion Ratio		Lower	Upper
152	100		
151	20.5	17.0	25.4
153	13.4	10.6	16.0

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#50

Dimethylphthalate

Concen: 36.921 ng

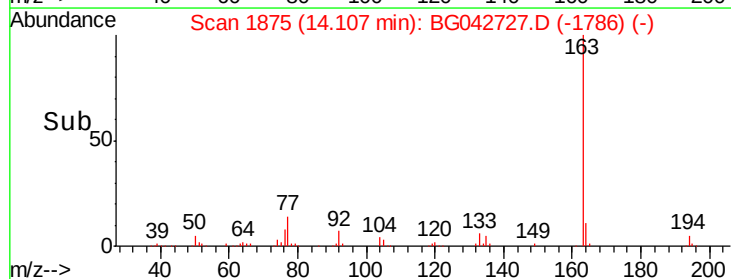
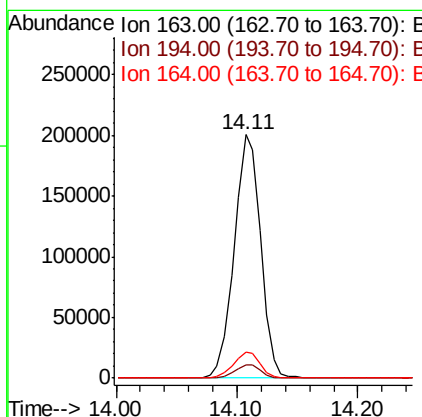
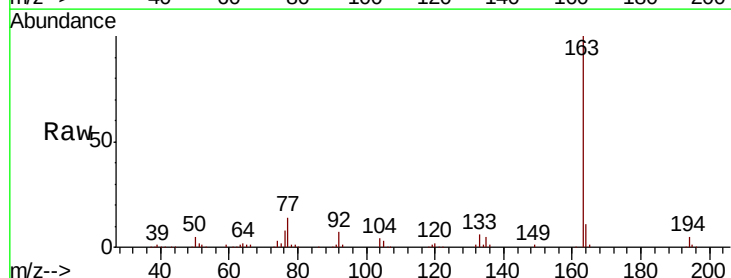
RT: 14.11 min Scan# 1875

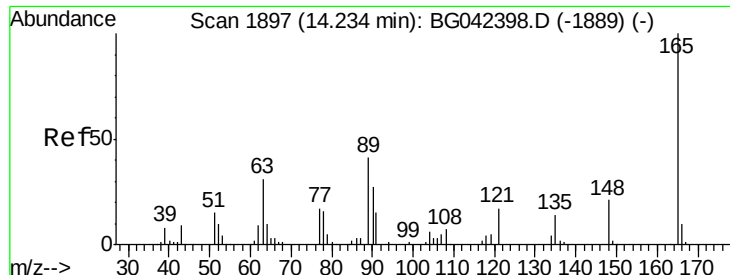
Delta R.T. -0.01 min

Lab File: BG042727.D

Acq: 5 Sep 2019 19:24

Tgt Ion:	163	Resp:	304802
Ion Ratio		Lower	Upper
163	100		
194	5.4	4.2	6.2
164	10.9	8.8	13.2





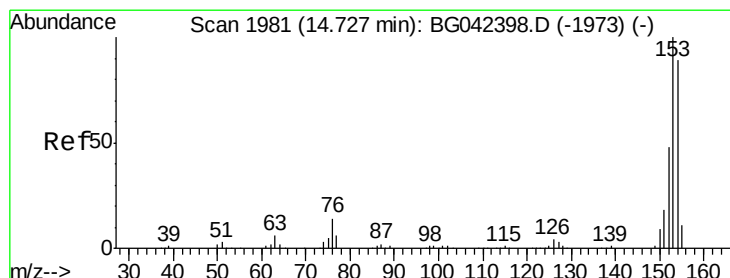
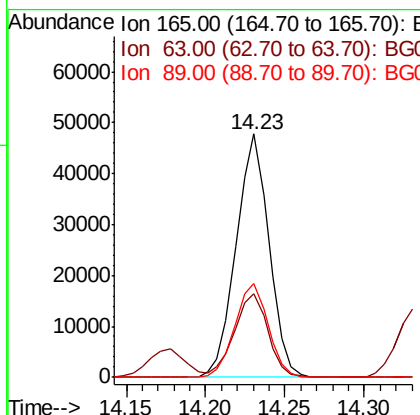
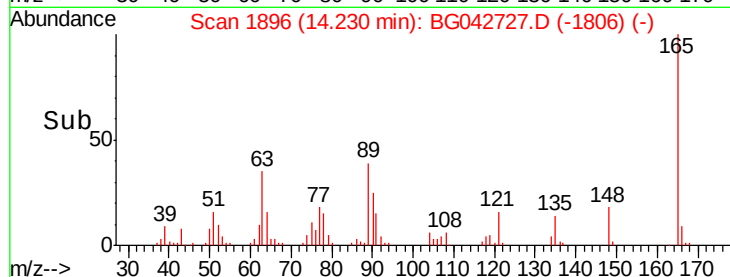
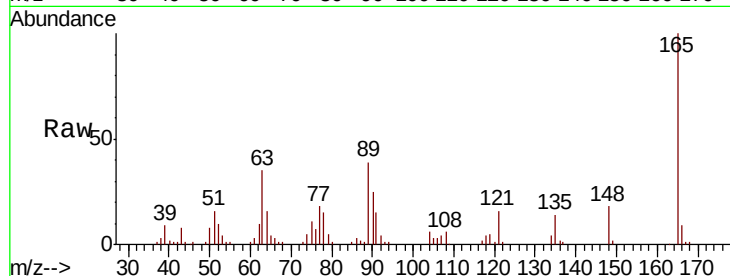
#51
 2,6-Dinitrotoluene
 Concen: 35.852 ng
 RT: 14.23 min Scan# 1896
 Delta R.T. -0.00 min
 Lab File: BG042727.D
 Acq: 5 Sep 2019 19:24

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-090319MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	68605		
63	34.5		30.6	45.8
89	38.6		32.6	49.0

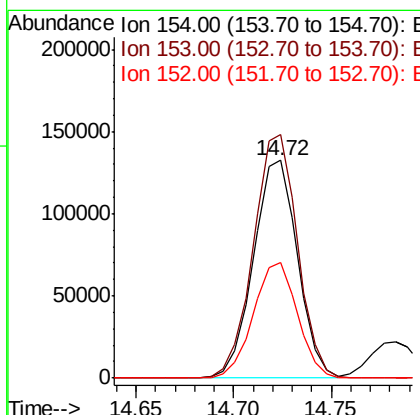
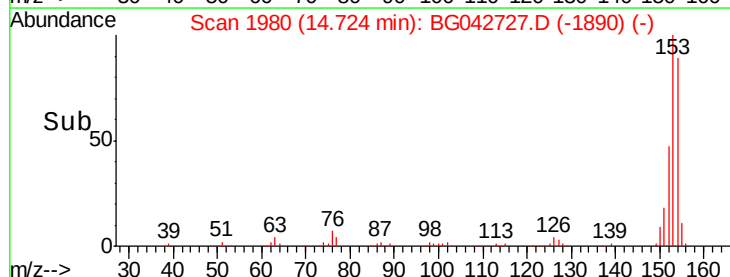
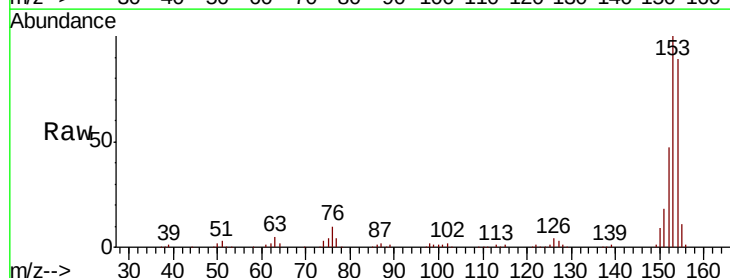
Manual Integrations
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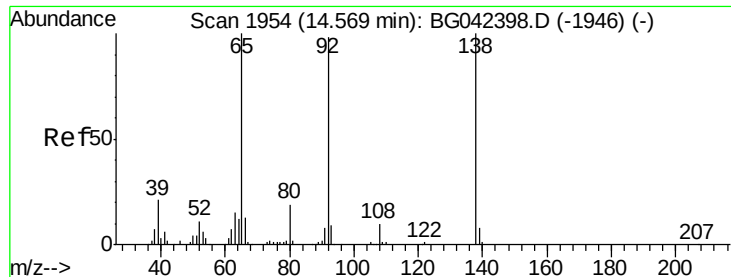
mohammad
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#52
 Acenaphthene
 Concen: 35.512 ng
 RT: 14.72 min Scan# 1980
 Delta R.T. -0.00 min
 Lab File: BG042727.D
 Acq: 5 Sep 2019 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	206891		
153	112.0		90.2	135.4
152	53.1		43.2	64.8





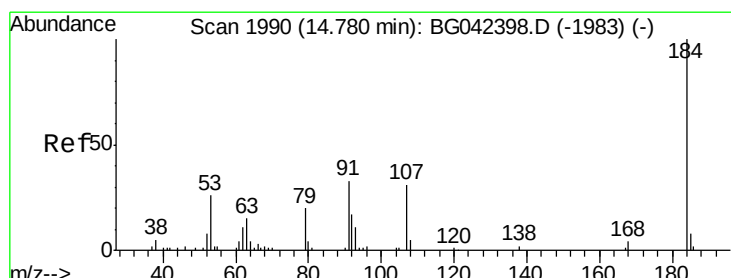
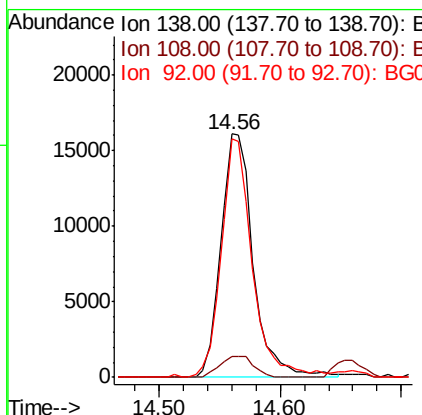
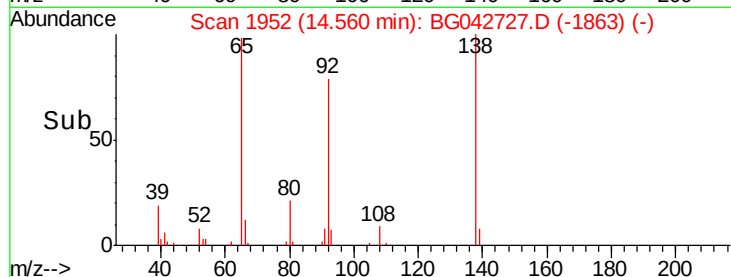
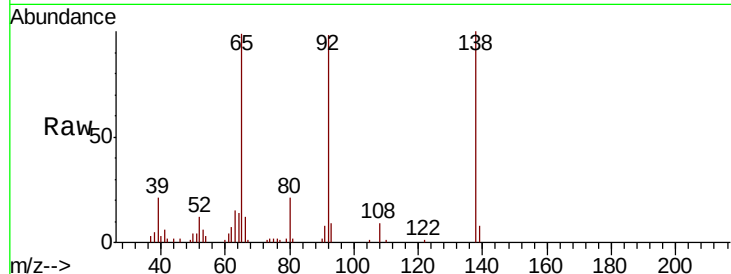
#53
3-Nitroaniline
Concen: 15.542 ng
RT: 14.56 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BG042727.D
Acq: 5 Sep 2019 19:24

Instrument :
BNA_G
ClientSampleId :
SU-04-090319MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	8.6	8.3	12.5
92	97.8	78.2	117.4

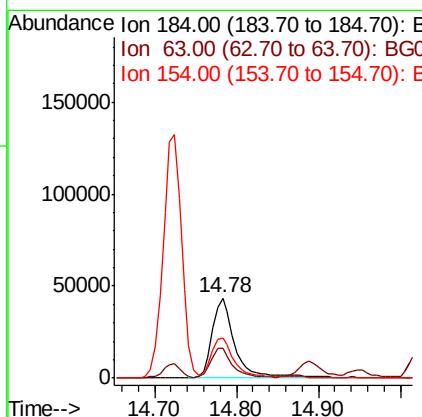
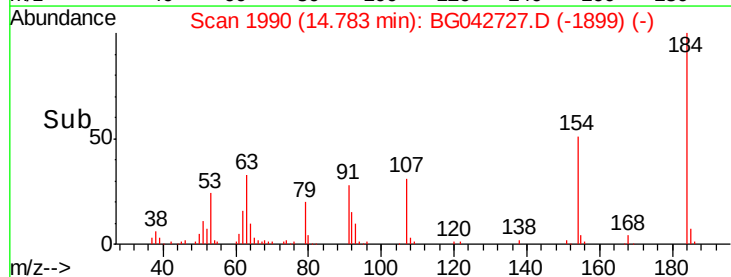
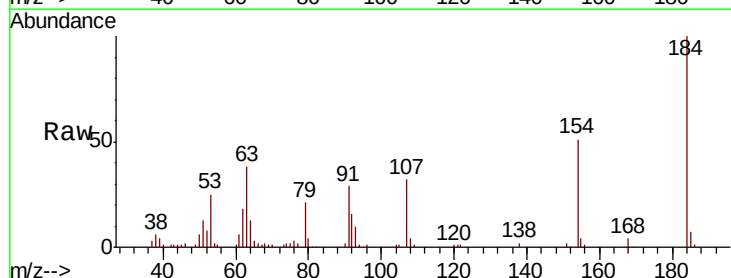
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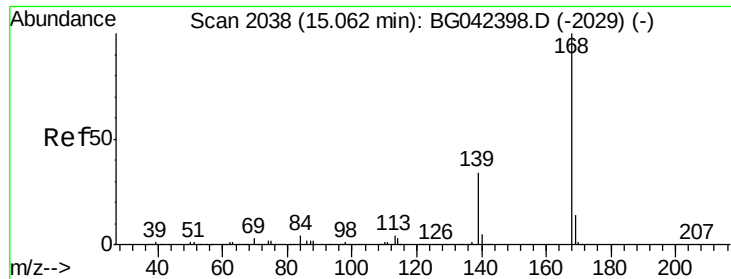
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#54
2,4-Dinitrophenol
Concen: 66.886 ng
RT: 14.78 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BG042727.D
Acq: 5 Sep 2019 19:24

Tgt Ion	Ratio	Lower	Upper
184	100		
63	37.8	31.7	47.5
154	51.0	42.0	63.0





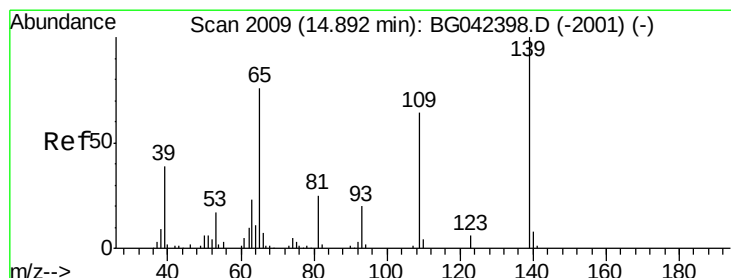
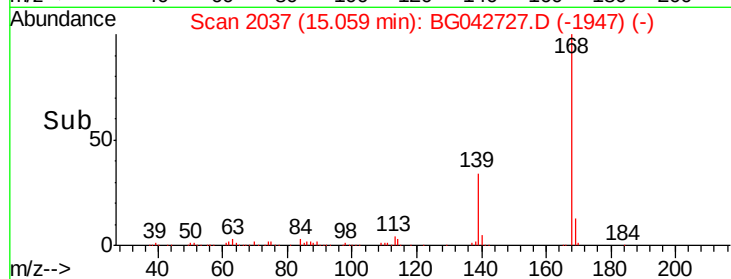
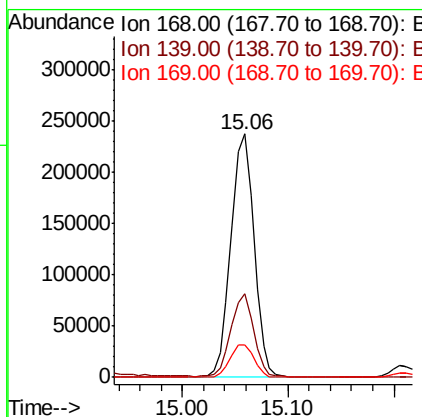
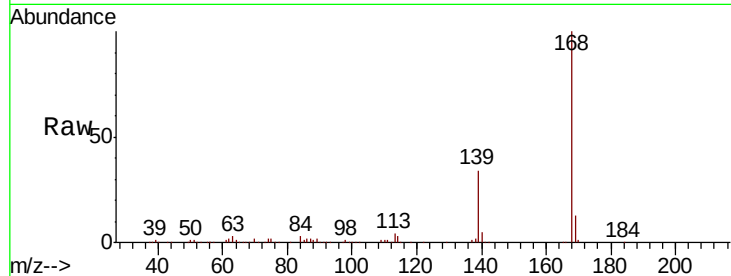
#55
Dibenzofuran
Concen: 37.303 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BG042727.D
Acq: 5 Sep 2019 19:24

Instrument :
BNA_G
ClientSampleId :
SU-04-090319MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	34.2	27.2	40.8
169	13.4	11.5	17.3

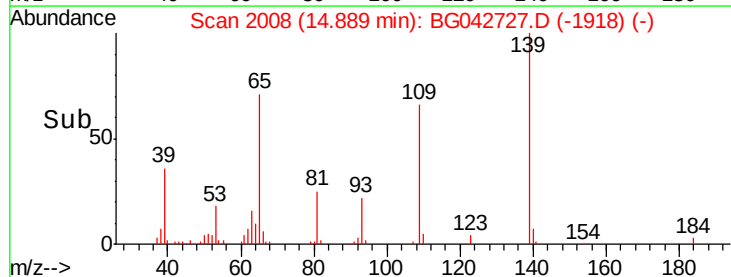
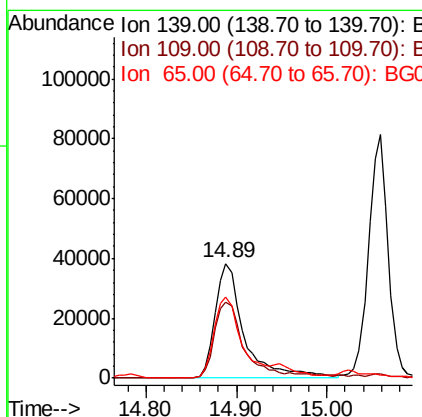
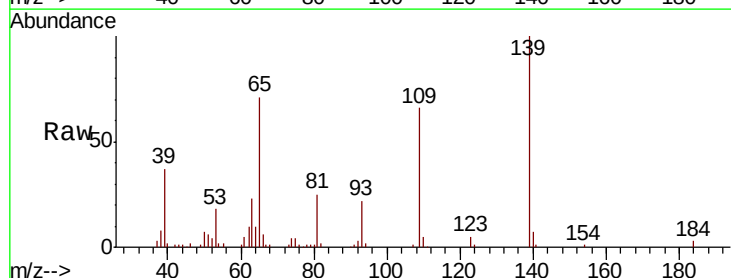
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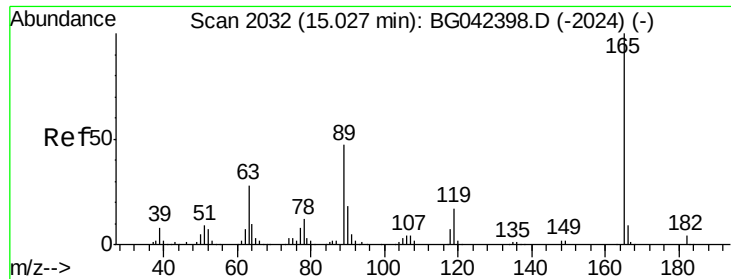
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#56
4-Nitrophenol
Concen: 62.722 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BG042727.D
Acq: 5 Sep 2019 19:24

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.9	43.9	83.9
65	71.1	56.3	96.3





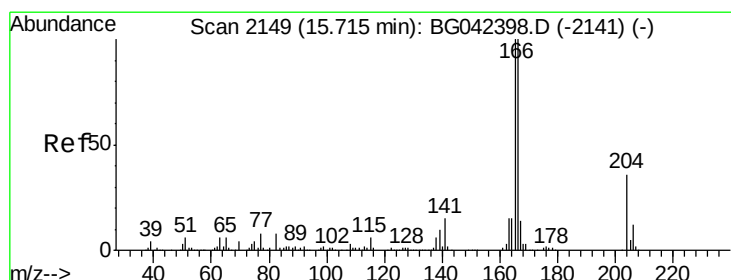
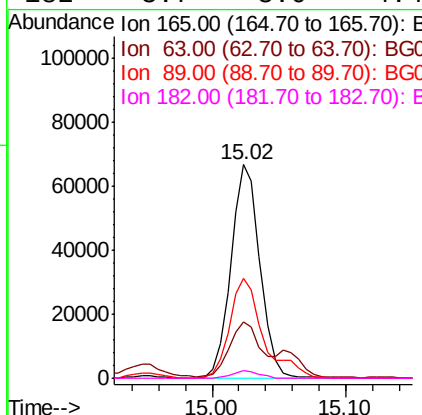
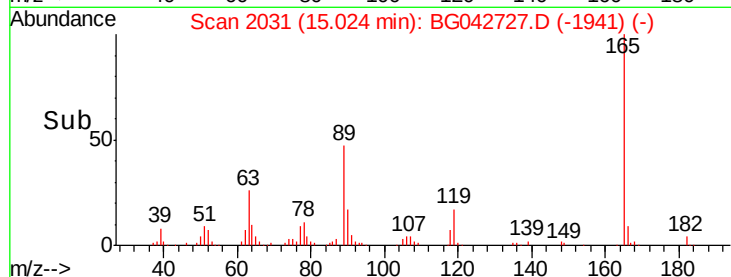
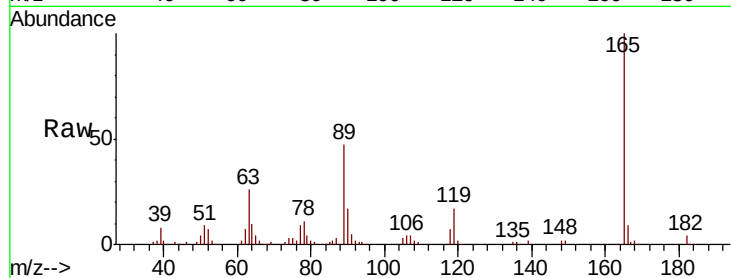
#57
 2,4-Dinitrotoluene
 Concen: 36.664 ng
 RT: 15.02 min Scan# 2031
 Delta R.T. -0.00 min
 Lab File: BG042727.D
 Acq: 5 Sep 2019 19:24

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-090319MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		100467		
63	26.4	22.5	33.7		
89	46.8	37.8	56.6		
182	3.7	3.0	4.4		

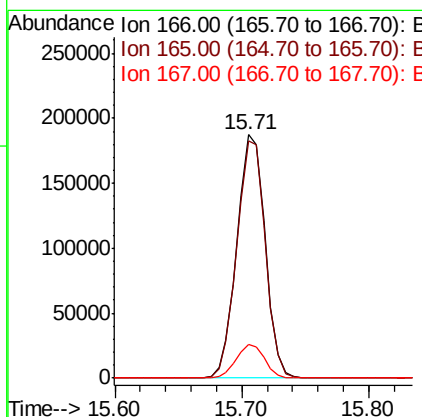
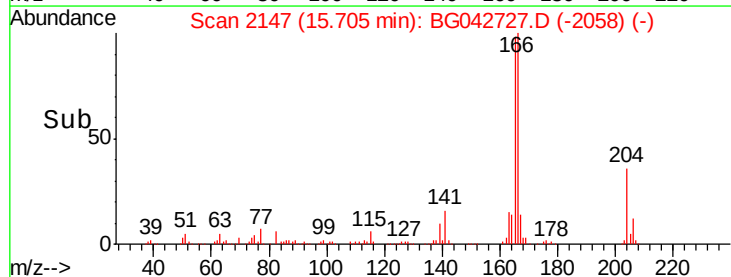
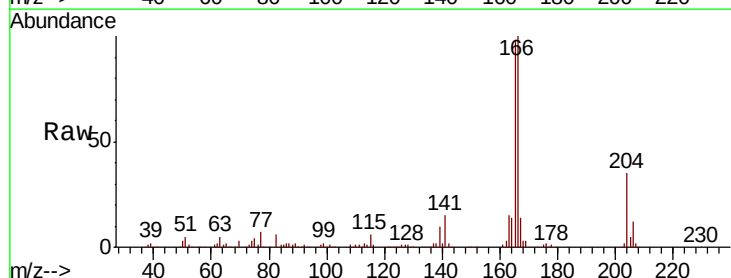
Manual Integrations
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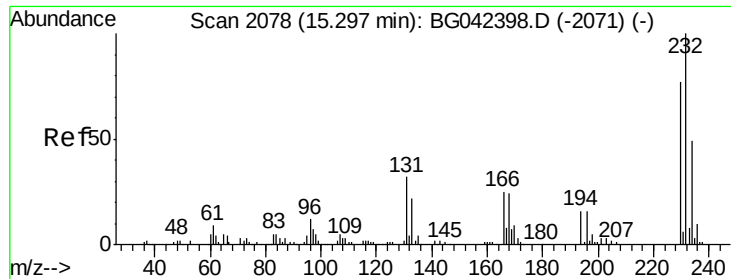
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#58
 Fluorene
 Concen: 36.683 ng
 RT: 15.71 min Scan# 2147
 Delta R.T. -0.01 min
 Lab File: BG042727.D
 Acq: 5 Sep 2019 19:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		289170		
165	97.5	79.7	119.5		
167	13.7	10.9	16.3		





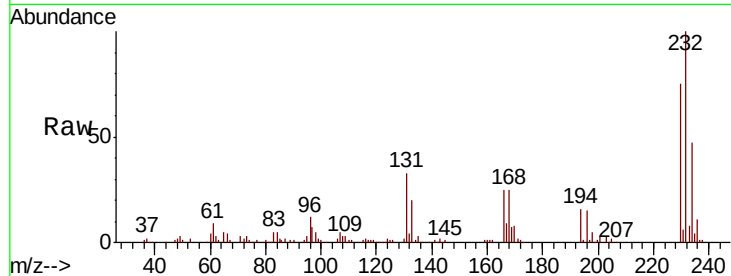
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.491 ng
 RT: 15.29 min Scan# 2076
 Delta R.T. -0.01 min
 Lab File: BG042727.D
 Acq: 5 Sep 2019 19:24

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-090319MSD

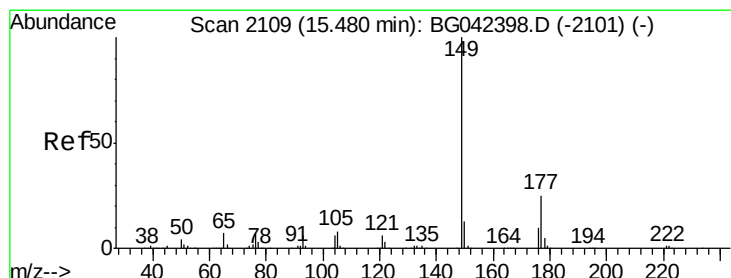
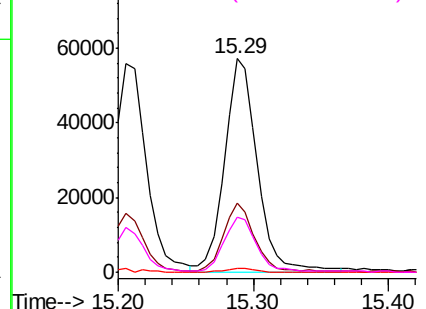
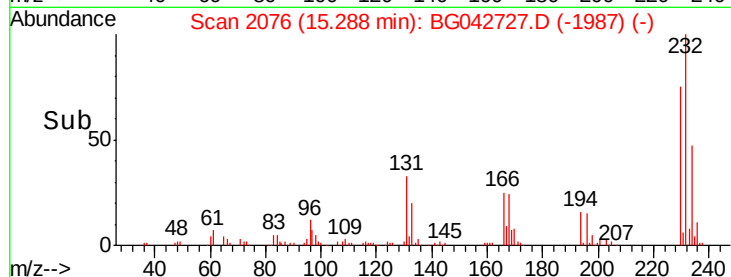
Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100				
131	25.4	22.9	34.3		
130	1.3	1.4	2.0		
166	18.9	17.0	25.4		

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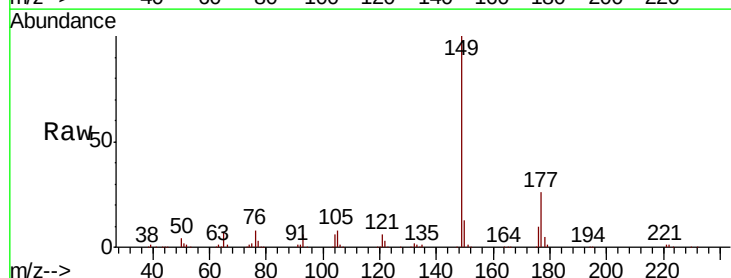


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

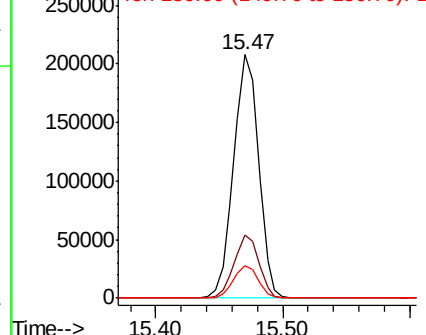
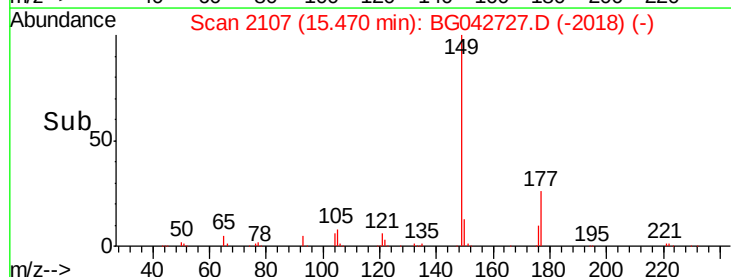


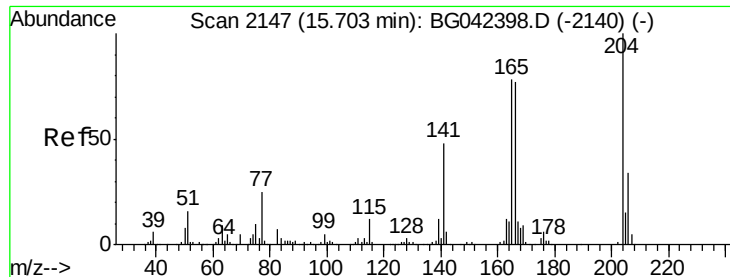
#60
 Diethylphthalate
 Concen: 34.995 ng
 RT: 15.47 min Scan# 2107
 Delta R.T. -0.01 min
 Lab File: BG042727.D
 Acq: 5 Sep 2019 19:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100				
177	25.7	20.4	30.6		
150	13.4	10.3	15.5		



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





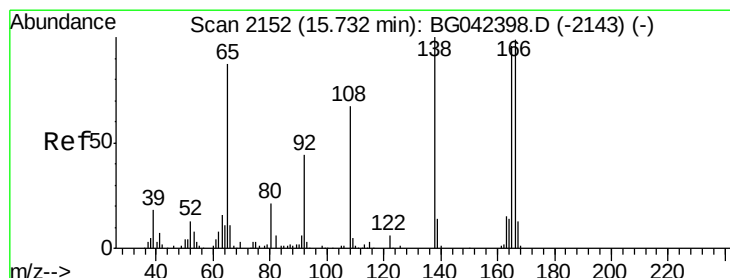
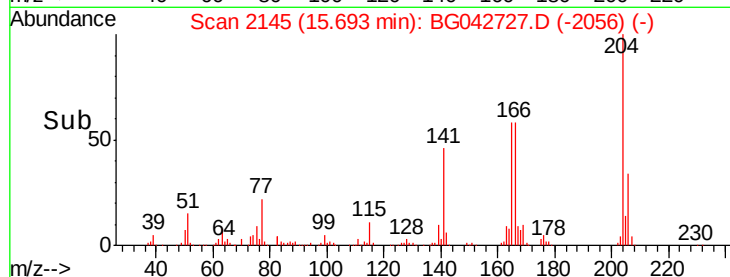
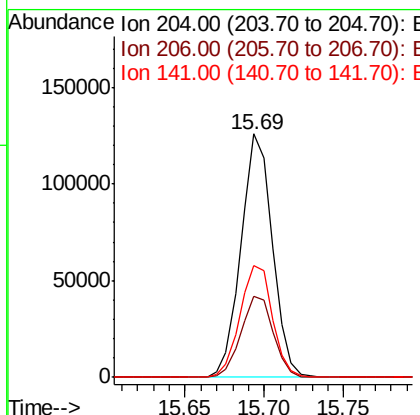
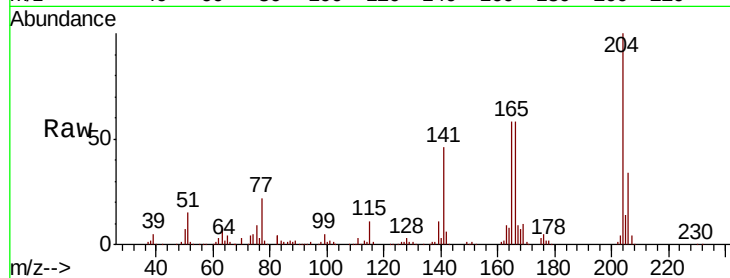
#61
4-Chlorophenyl-phenylether
Concen: 36.398 ng
RT: 15.69 min Scan# 2145
Delta R.T. -0.01 min
Lab File: BG042727.D
Acq: 5 Sep 2019 19:24

Instrument :
BNA_G
ClientSampleId :
SU-04-090319MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.5	27.2	40.8
141	45.8	38.7	58.1

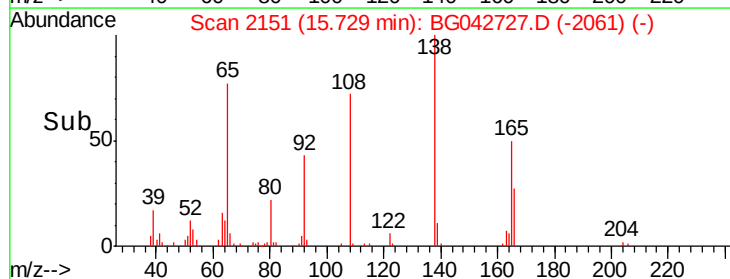
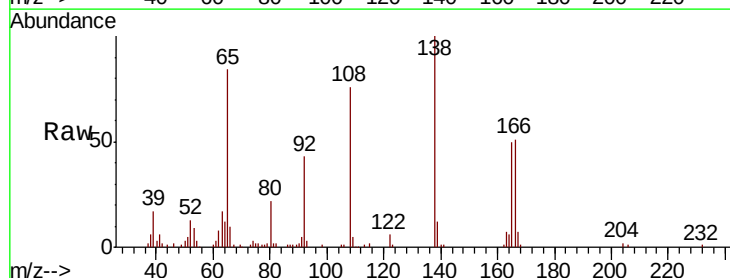
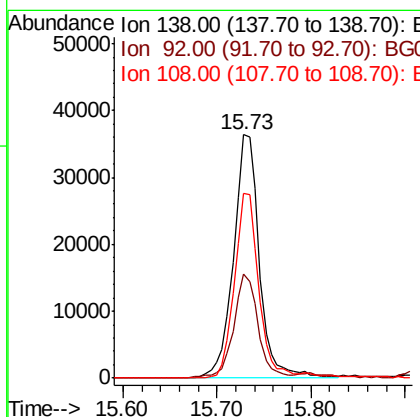
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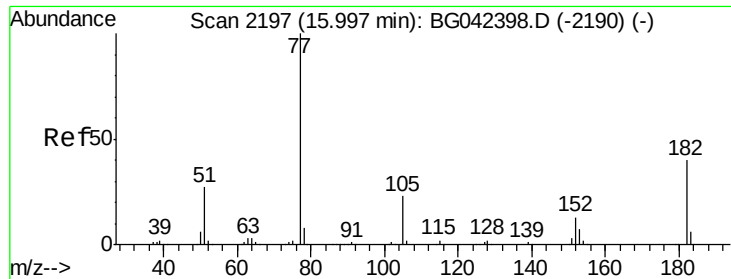
mohammad
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#62
4-Nitroaniline
Concen: 34.027 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BG042727.D
Acq: 5 Sep 2019 19:24

Tgt Ion	Ratio	Lower	Upper
138	100		
92	42.7	24.2	64.2
108	75.7	46.8	86.8





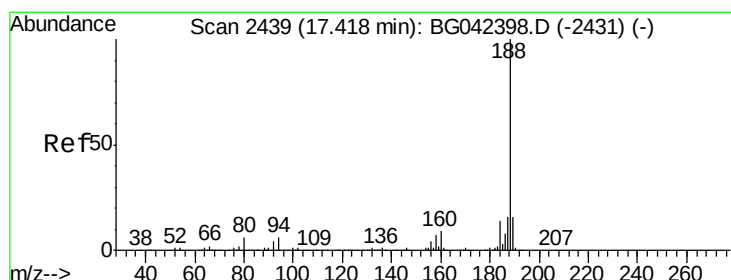
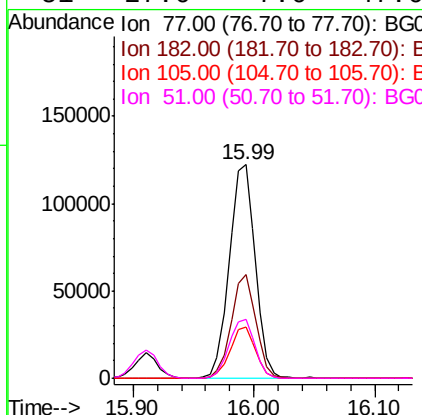
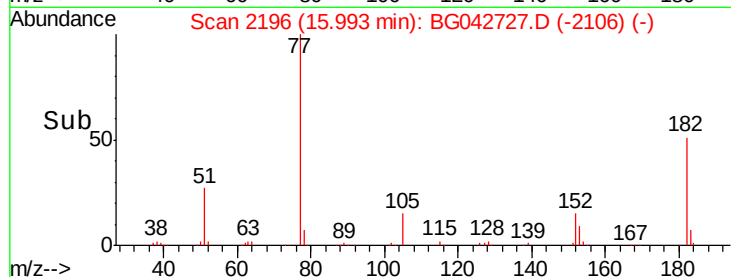
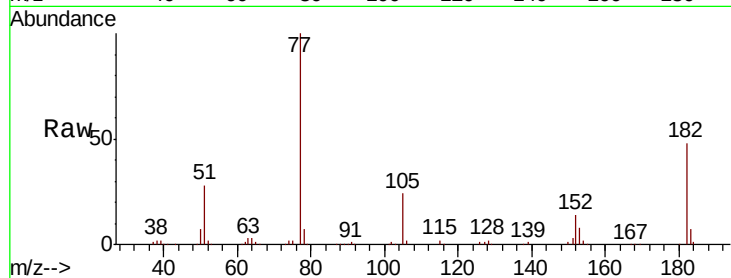
#63
Azobenzene
Concen: 32.994 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BG042727.D
Acq: 5 Sep 2019 19:24

Instrument :
BNA_G
ClientSampleId :
SU-04-090319MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	48.4	19.9	59.9		
105	24.2	2.9	42.9		
51	27.6	7.6	47.6		

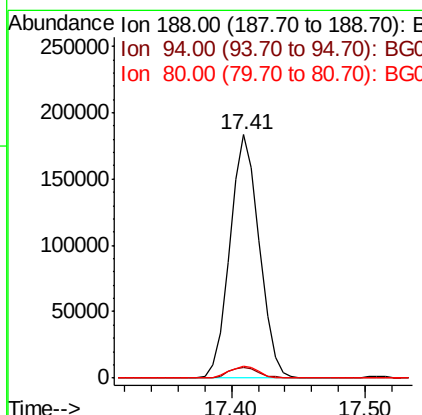
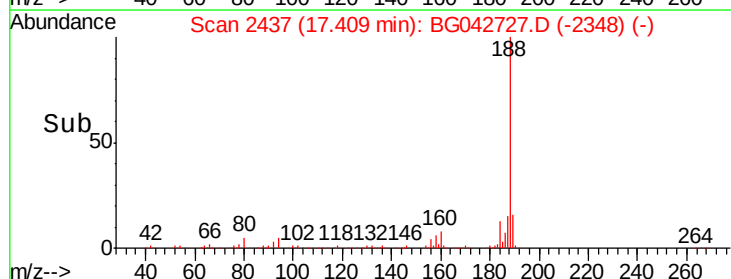
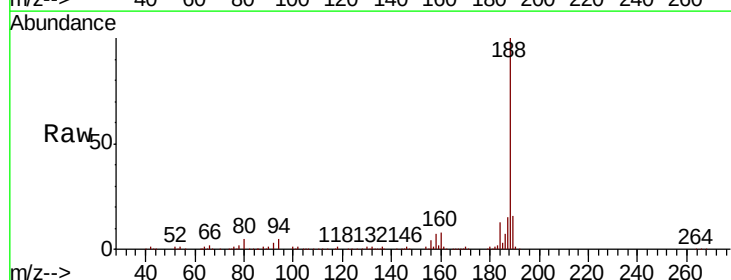
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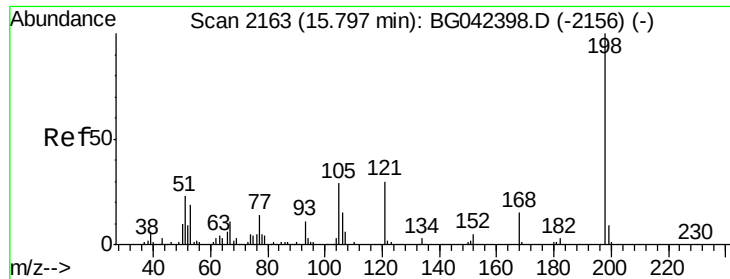
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042727.D
Acq: 5 Sep 2019 19:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	4.6	4.5	6.7		
80	4.7	4.9	7.3		





#65

4,6-Dinitro-2-methylphenol

Concen: 38.502 ng

RT: 15.80 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BG042727.D

Acq: 5 Sep 2019 19:24

Instrument :

BNA_G

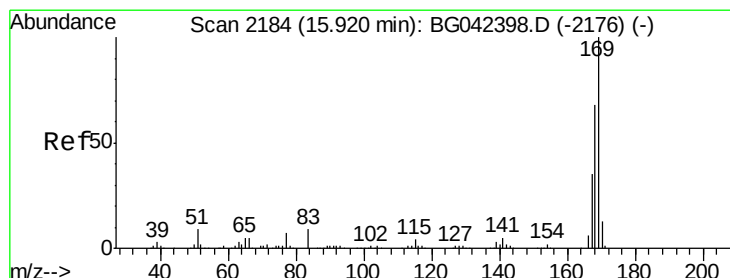
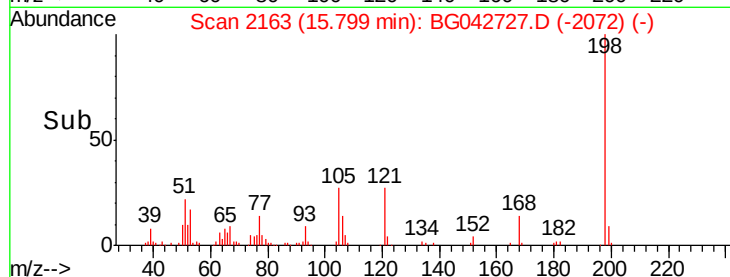
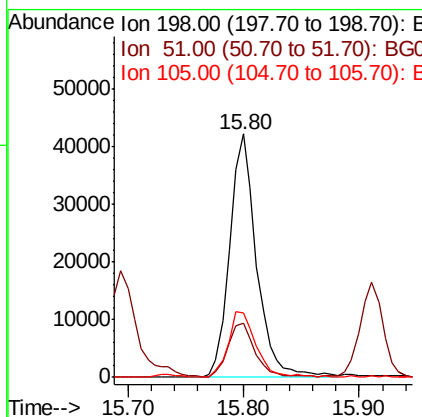
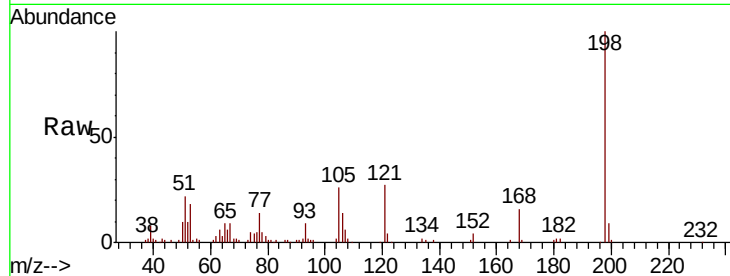
ClientSampleId :

SU-04-090319MSD

Tot Ion:198	Resp:	68027
Ion Ratio	Lower	Upper
198 100		
51 22.3	4.2	44.2
105 26.4	8.8	48.8

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#66

n-Nitrosodiphenylamine

Concen: 34.696 ng

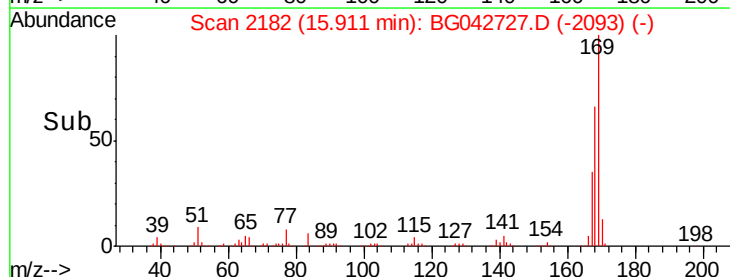
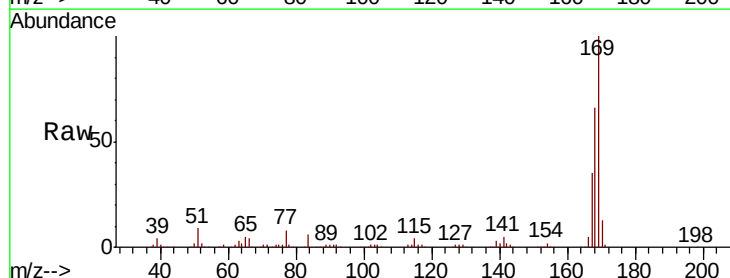
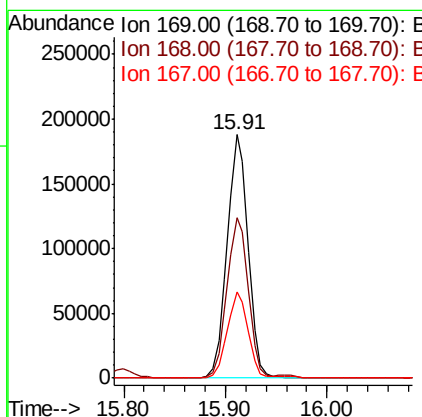
RT: 15.91 min Scan# 2182

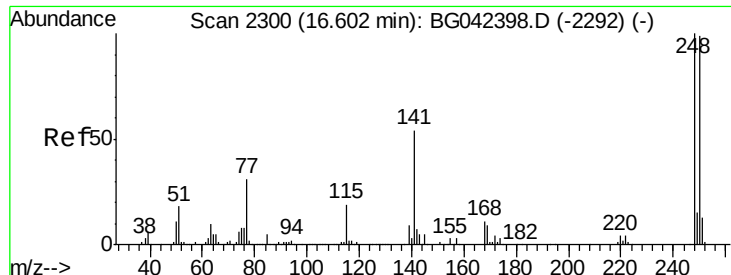
Delta R.T. -0.01 min

Lab File: BG042727.D

Acq: 5 Sep 2019 19:24

Tgt Ion:169	Resp:	268889
Ion Ratio	Lower	Upper
169 100		
168 66.1	54.3	81.5
167 35.2	28.2	42.2





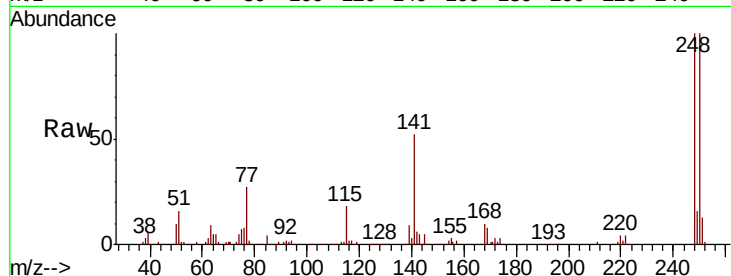
#67
 4-Bromophenyl-phenylether
 Concen: 34.956 ng
 RT: 16.59 min Scan# 2298
 Delta R.T. -0.01 min
 Lab File: BG042727.D
 Acq: 5 Sep 2019 19:24

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-090319MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	100.2	78.9	118.3
141	52.3	43.3	64.9

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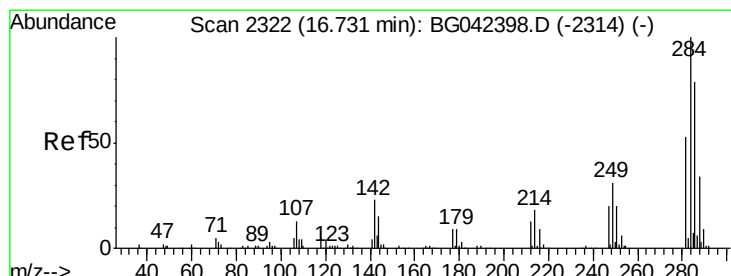
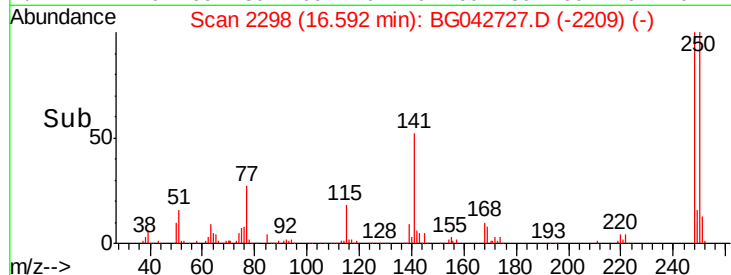
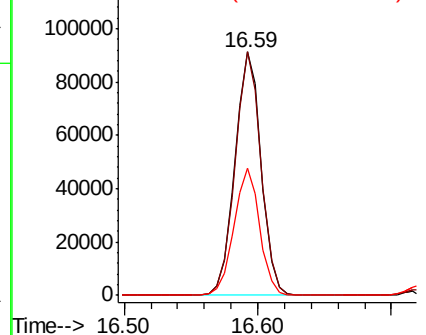


Abundance

Ion 248.00 (247.70 to 248.70): E

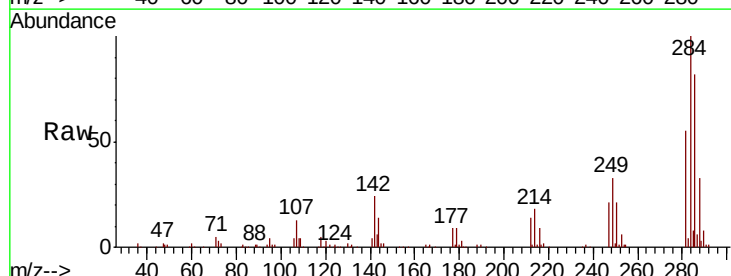
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 34.173 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.01 min
 Lab File: BG042727.D
 Acq: 5 Sep 2019 19:24

Tgt Ion	Ratio	Lower	Upper
284	100		
142	23.6	18.2	27.4
249	32.9	25.0	37.4

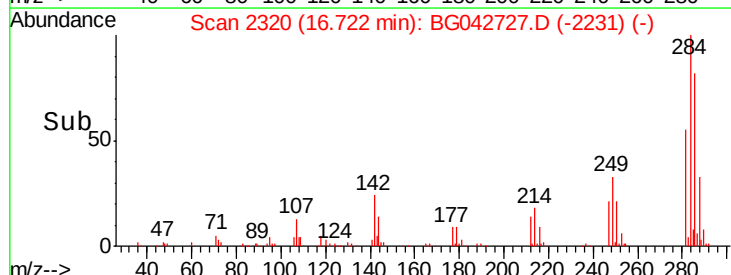
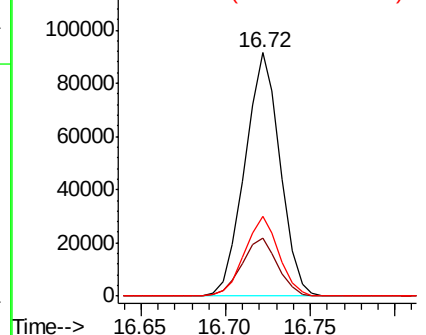


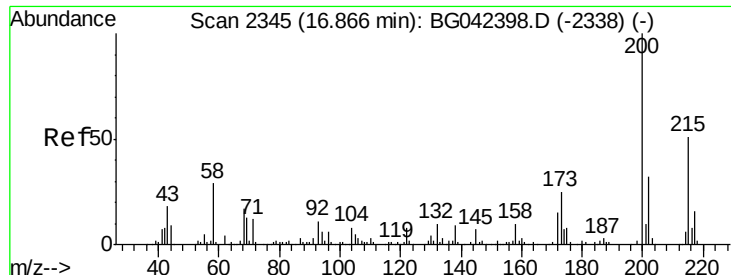
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





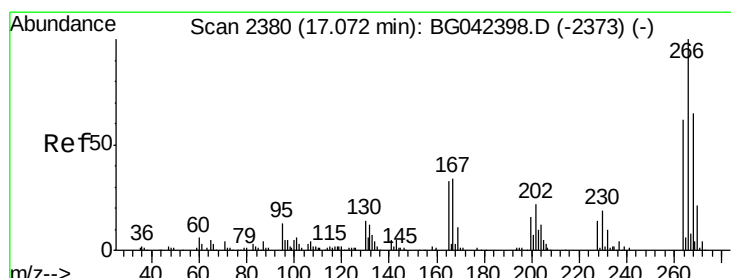
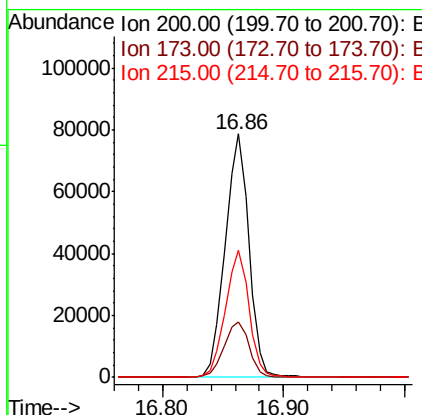
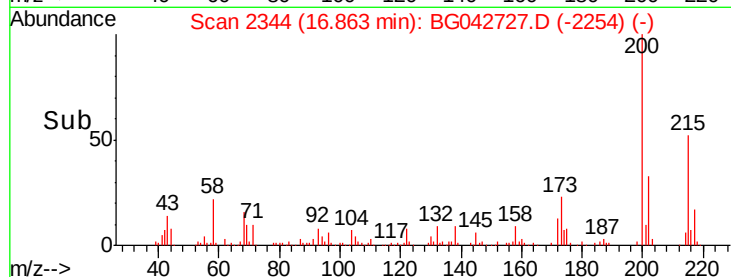
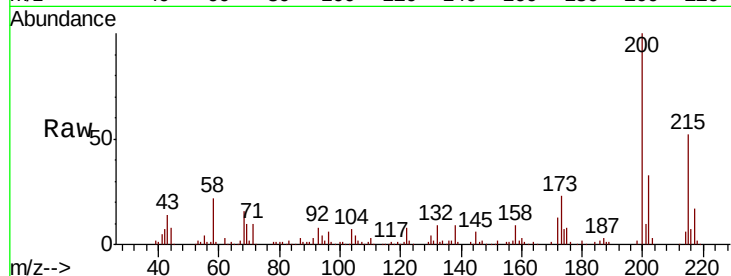
#69
 Atrazine
 Concen: 39.321 ng
 RT: 16.86 min Scan# 2344
 Delta R.T. -0.00 min
 Lab File: BG042727.D
 Acq: 5 Sep 2019 19:24

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-090319MSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	107764		
173	22.9	4.9	44.9	
215	52.3	30.7	70.7	

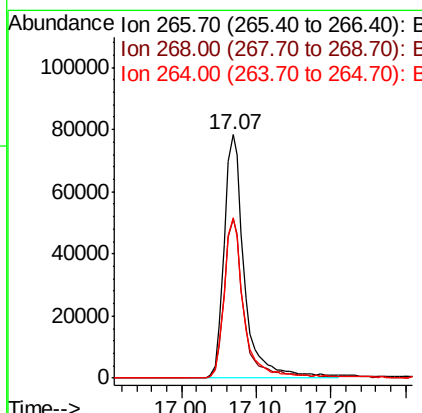
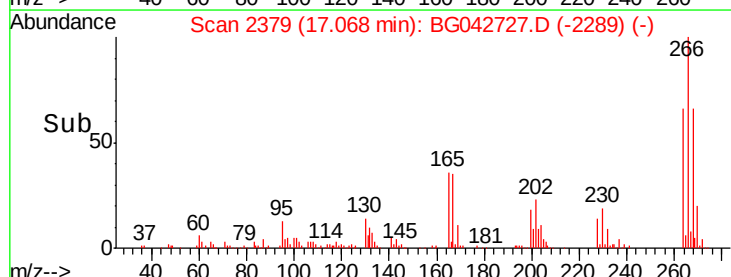
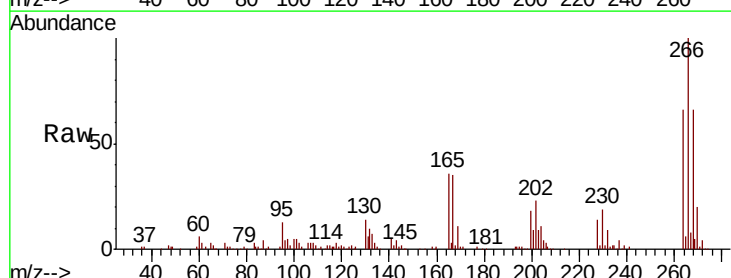
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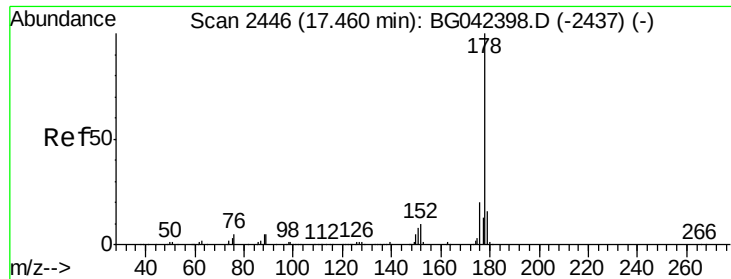
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#70
 Pentachlorophenol
 Concen: 74.102 ng
 RT: 17.07 min Scan# 2379
 Delta R.T. -0.00 min
 Lab File: BG042727.D
 Acq: 5 Sep 2019 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	149613		
268	65.6	52.1	78.1	
264	66.1	49.4	74.2	





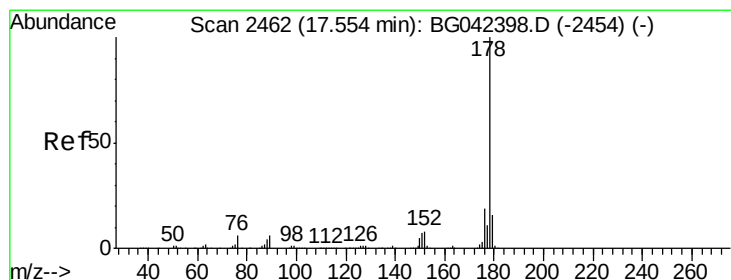
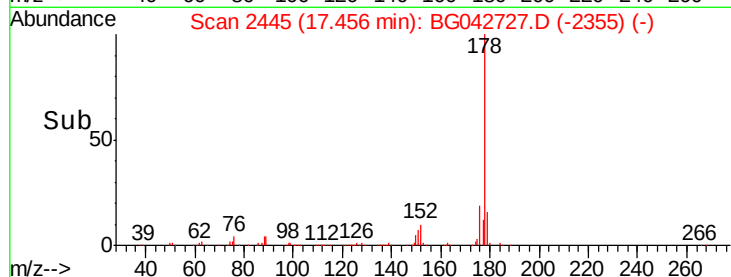
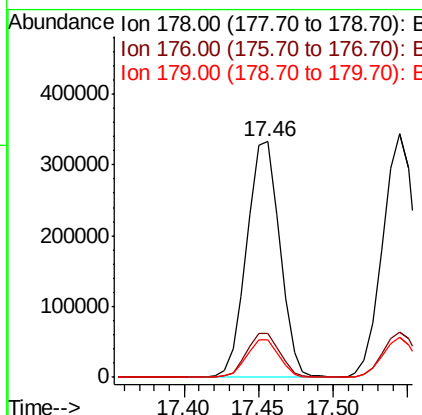
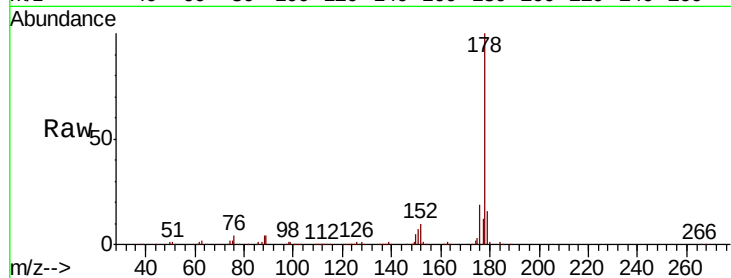
#71
Phenanthrene
Concen: 36.474 ng
RT: 17.46 min Scan# 2445
Delta R.T. -0.00 min
Lab File: BG042727.D
Acq: 5 Sep 2019 19:24

Instrument :
BNA_G
ClientSampleId :
SU-04-090319MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.9	23.9
179	15.7	12.7	19.1

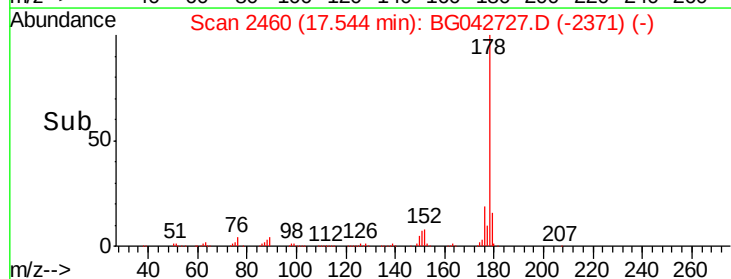
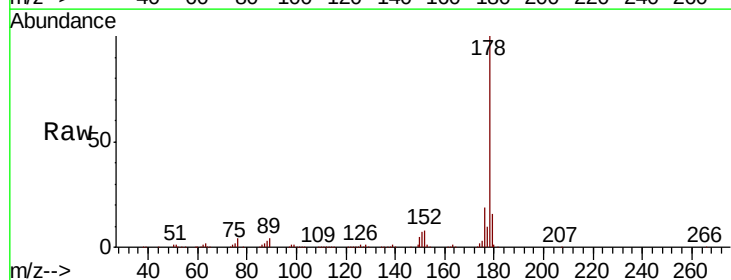
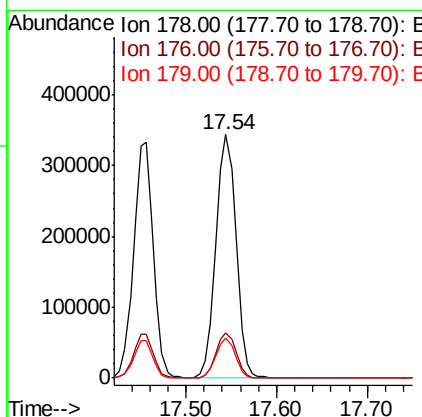
Manual Integrations
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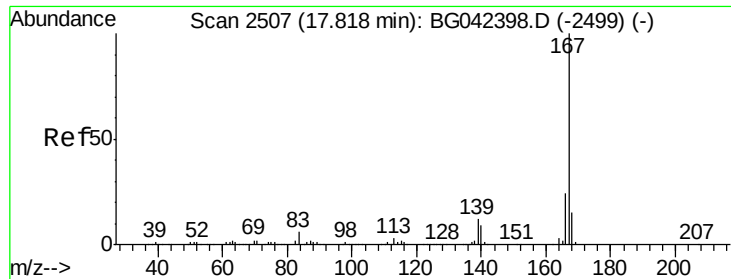
mohammad
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#72
Anthracene
Concen: 37.759 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG042727.D
Acq: 5 Sep 2019 19:24

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.5	23.3
179	16.3	12.9	19.3





#73

Carbazole

Concen: 37.510 ng

RT: 17.81 min Scan# 2506

Delta R.T. -0.00 min

Lab File: BG042727.D

Acq: 5 Sep 2019 19:24

Instrument :

BNA_G

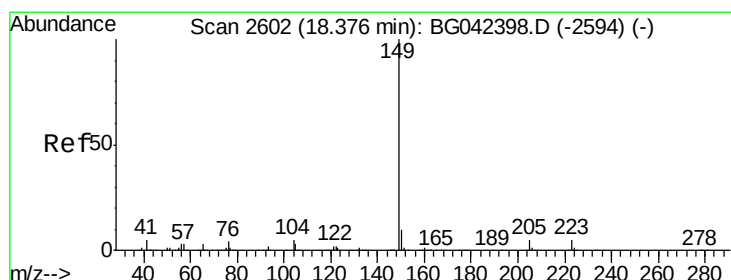
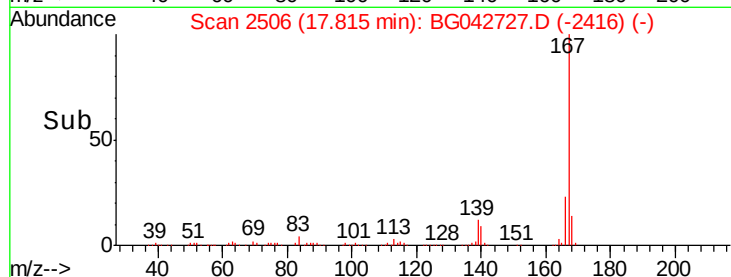
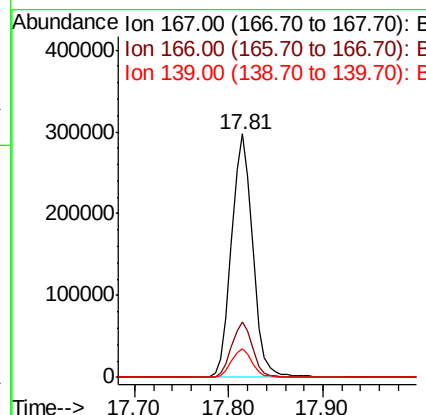
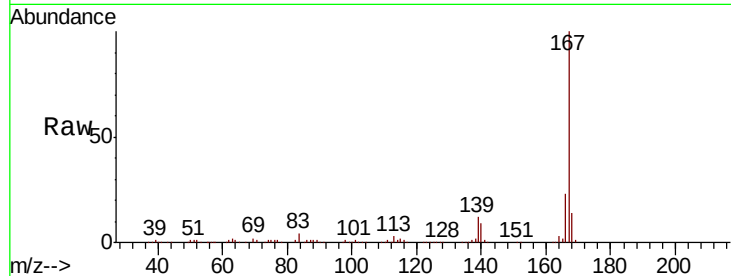
ClientSampleId :

SU-04-090319MSD

Tot Ion:	167	Resp:	467166
Ion Ratio	Lower	Upper	
167	100		
166	22.6	18.9	28.3
139	11.7	9.8	14.6

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#74

Di-n-butylphthalate

Concen: 36.519 ng

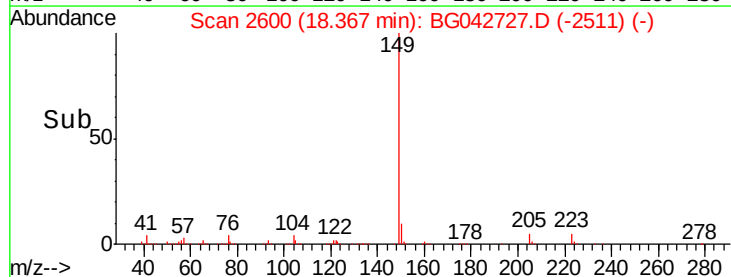
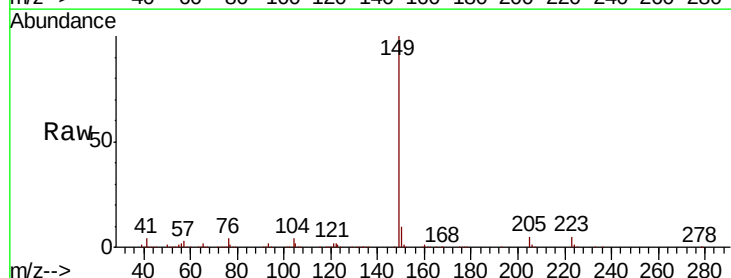
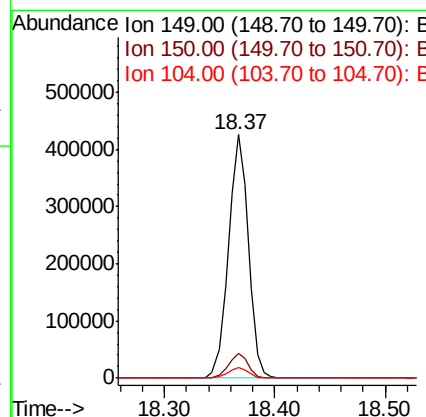
RT: 18.37 min Scan# 2600

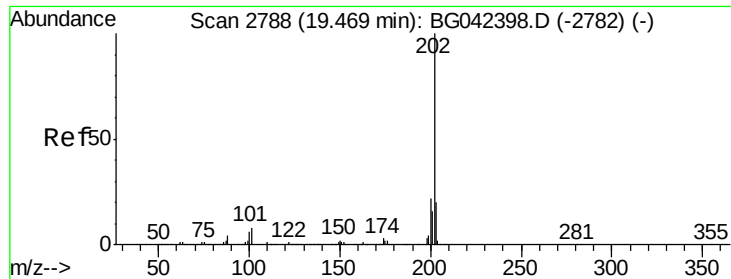
Delta R.T. -0.01 min

Lab File: BG042727.D

Acq: 5 Sep 2019 19:24

Tgt Ion:	149	Resp:	537632
Ion Ratio	Lower	Upper	
149	100		
150	10.1	8.1	12.1
104	4.4	3.7	5.5





#75

Fluoranthene

Concen: 41.121 ng

RT: 19.47 min Scan# 2787

Delta R.T. -0.00 min

Lab File: BG042727.D

Acq: 5 Sep 2019 19:24

Instrument :

BNA_G

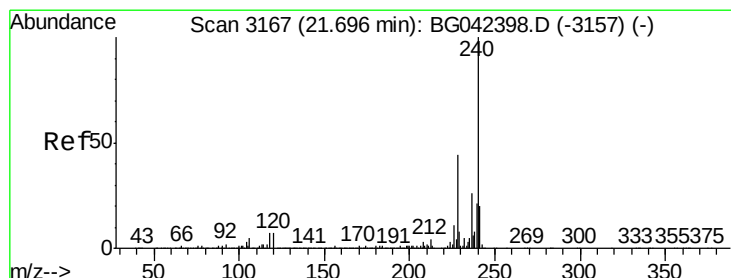
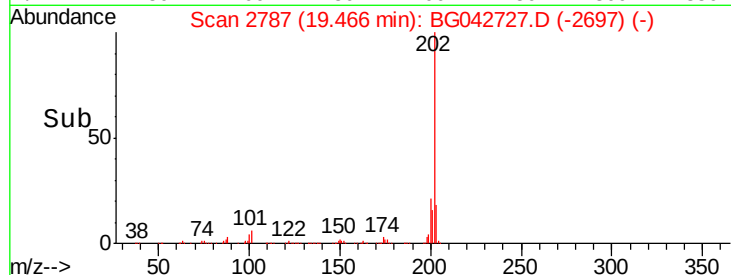
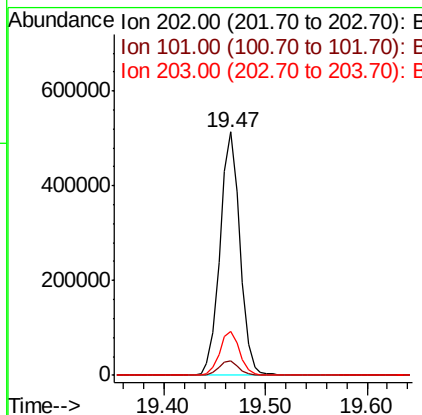
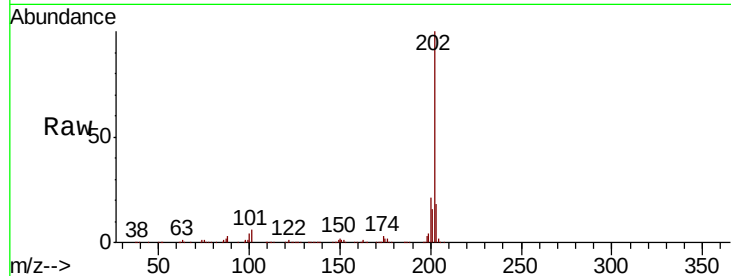
ClientSampleId :

SU-04-090319MSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	5.8	0.0	28.3
203	18.1	0.0	39.6

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

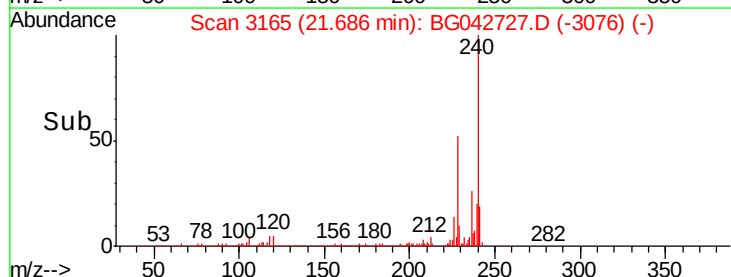
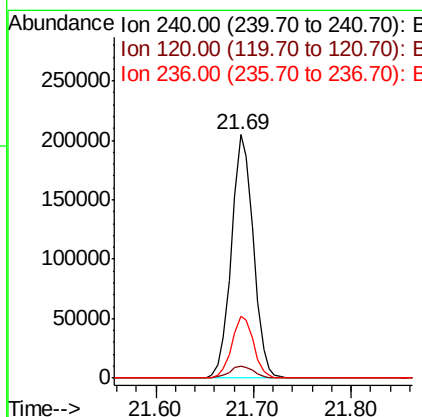
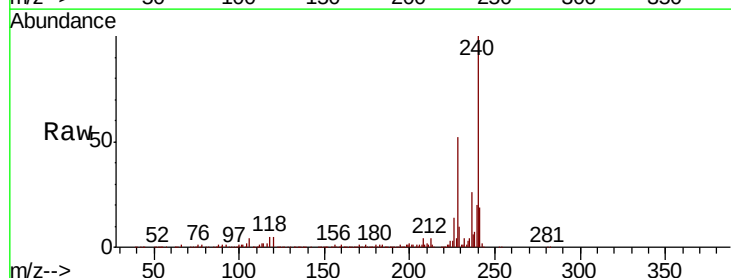
RT: 21.69 min Scan# 3165

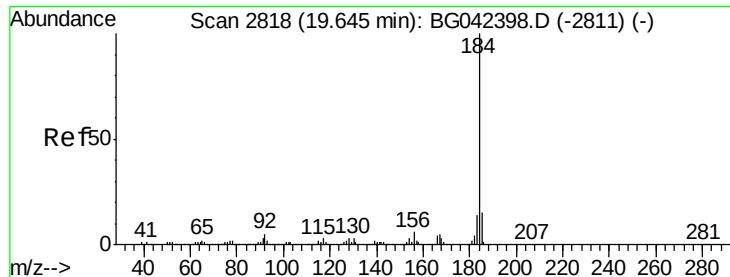
Delta R.T. -0.01 min

Lab File: BG042727.D

Acq: 5 Sep 2019 19:24

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	5.1	5.7	8.5#
236	25.6	21.0	31.4





#77

Benzidine

Concen: 5.408 ng

RT: 19.65 min Scan# 2818

Delta R.T. 0.00 min

Lab File: BG042727.D

Acq: 5 Sep 2019 19:24

Instrument :

BNA_G

ClientSampleId :

SU-04-090319MSD

Tot Ion:184 Resp: 49575

Ion Ratio Lower Upper

184 100

185 11.9 12.2 18.4#

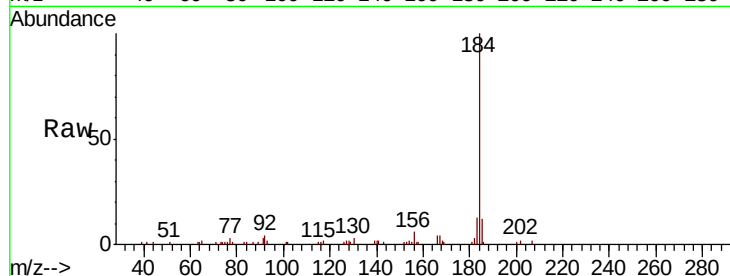
183 12.6 10.8 16.2

Manual Integrations

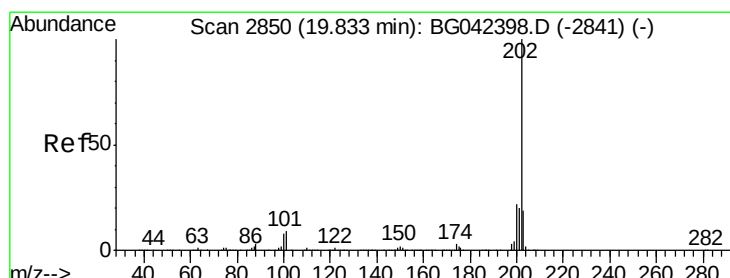
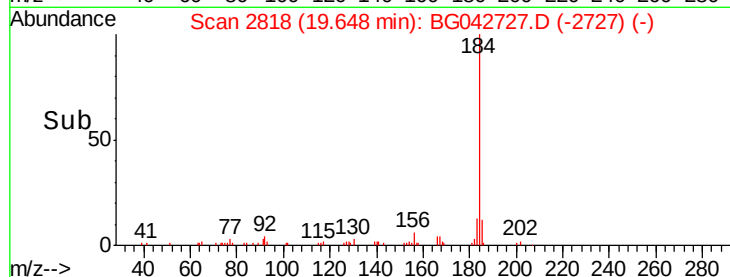
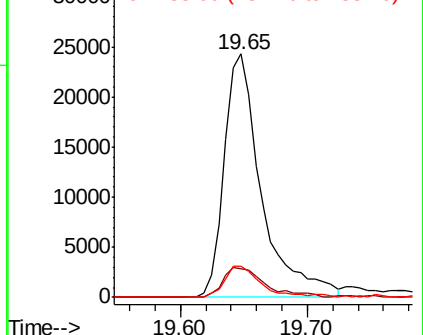
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 35.918 ng

RT: 19.82 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG042727.D

Acq: 5 Sep 2019 19:24

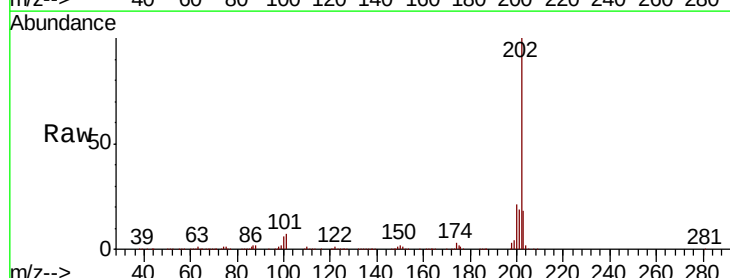
Tgt Ion:202 Resp: 704148

Ion Ratio Lower Upper

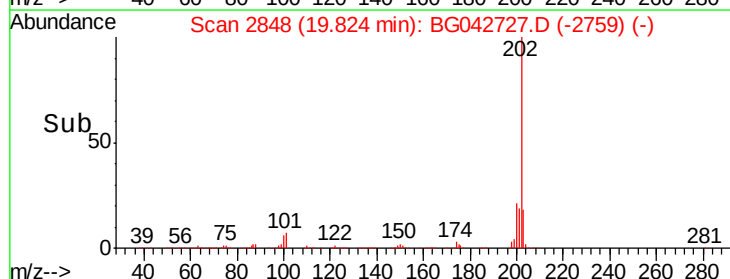
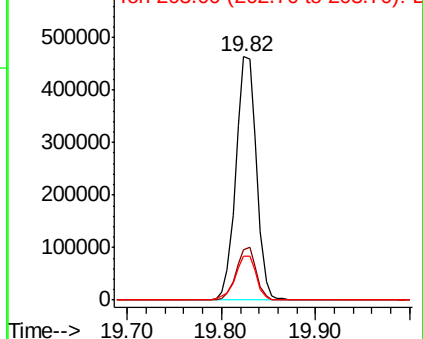
202 100

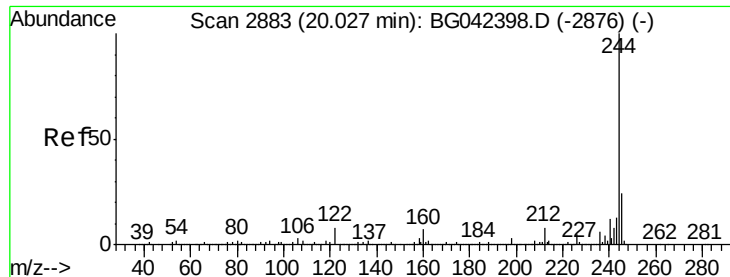
200 20.7 17.8 26.6

203 18.2 15.5 23.3



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





#79

Terphenyl-d14

Concen: 75.908 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG042727.D

Acq: 5 Sep 2019 19:24

Instrument :

BNA_G

ClientSampleId :

SU-04-090319MSD

Tot Ion:244 Resp: 1122730

Ion Ratio Lower Upper

244 100

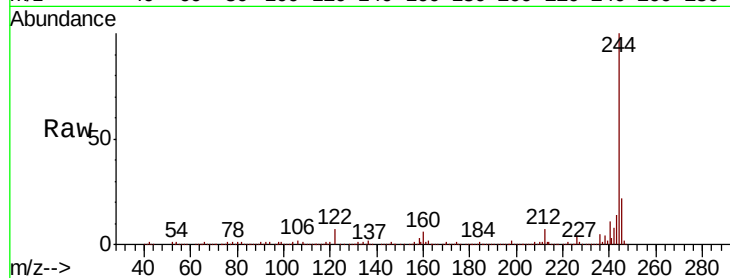
212 7.4 6.0 9.0

122 6.5 6.7 10.1#

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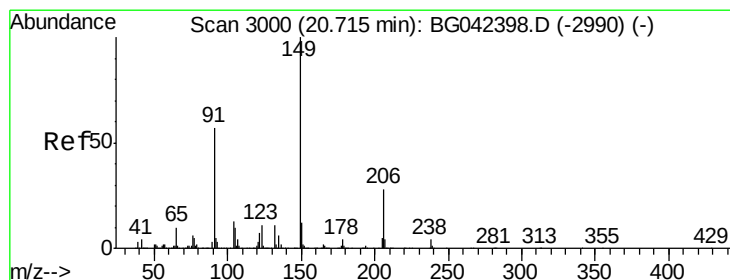
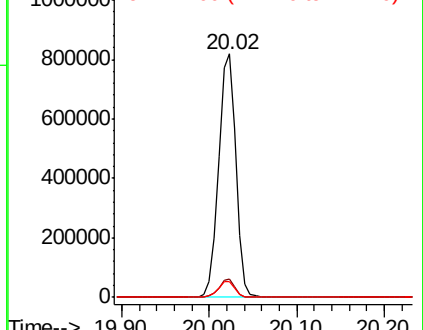
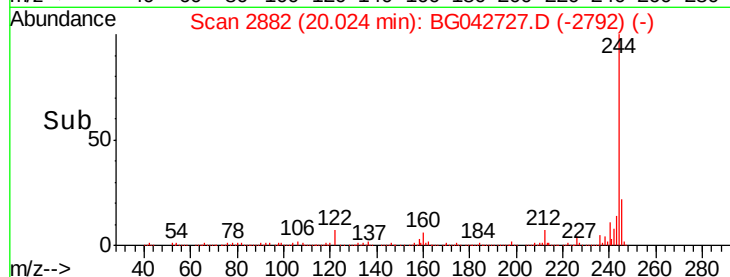
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 32.517 ng

RT: 20.71 min Scan# 2998

Delta R.T. -0.01 min

Lab File: BG042727.D

Acq: 5 Sep 2019 19:24

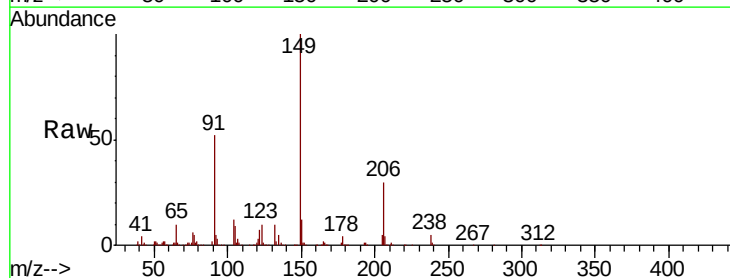
Tgt Ion:149 Resp: 250736

Ion Ratio Lower Upper

149 100

91 52.4 45.9 68.9

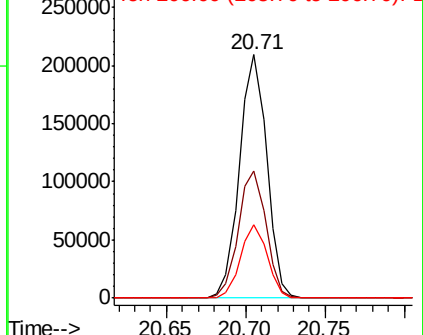
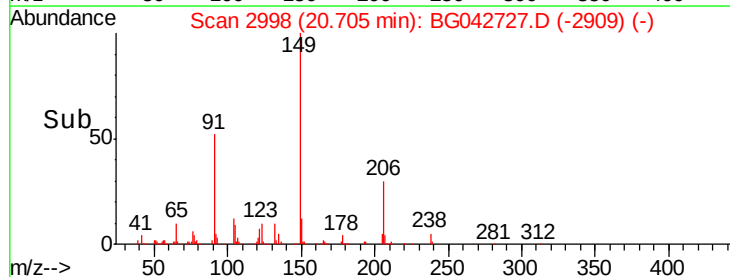
206 29.9 22.5 33.7

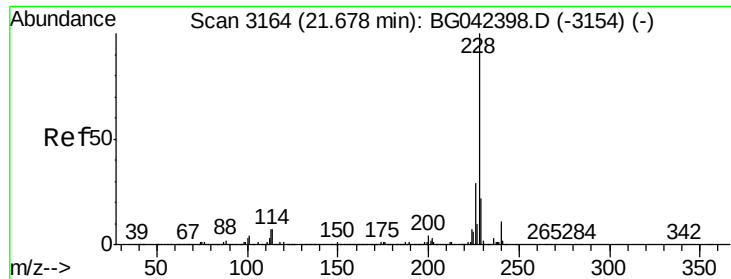


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 36.065 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG042727.D

Acq: 5 Sep 2019 19:24

Instrument :

BNA_G

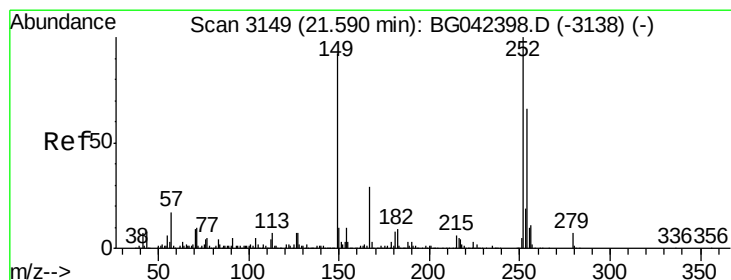
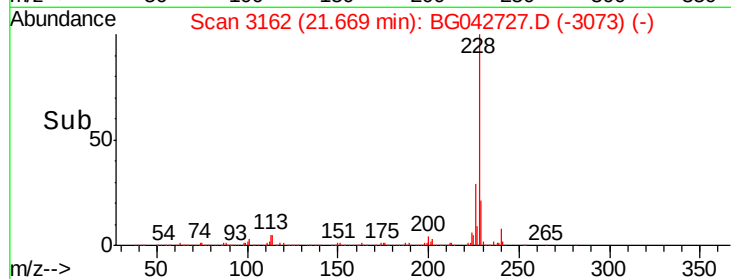
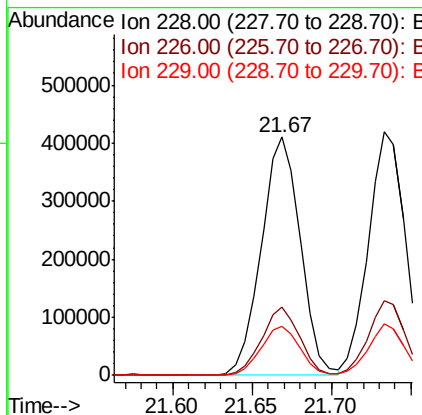
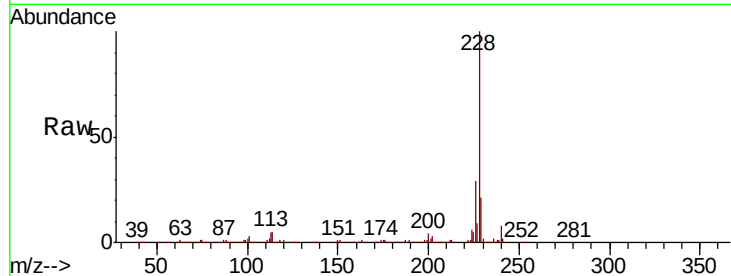
ClientSampleId :

SU-04-090319MSD

Tot Ion:	228	Resp:	701525
Ion Ratio		Lower	Upper
228	100		
226	28.6	23.4	35.2
229	20.7	17.4	26.2

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 21.181 ng

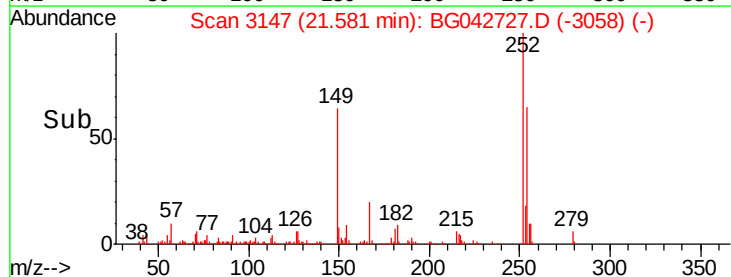
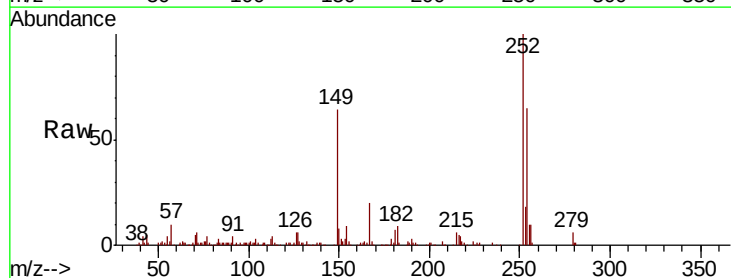
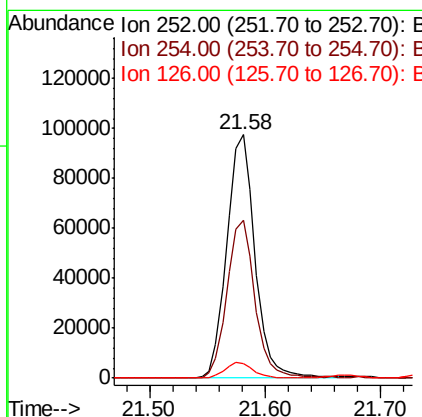
RT: 21.58 min Scan# 3147

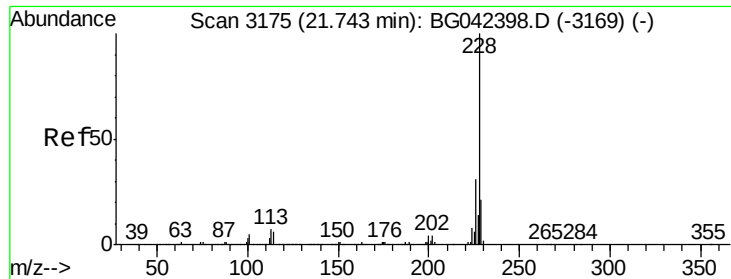
Delta R.T. -0.01 min

Lab File: BG042727.D

Acq: 5 Sep 2019 19:24

Tgt Ion:	252	Resp:	165706
Ion Ratio		Lower	Upper
252	100		
254	65.0	53.0	79.4
126	5.7	5.7	8.5





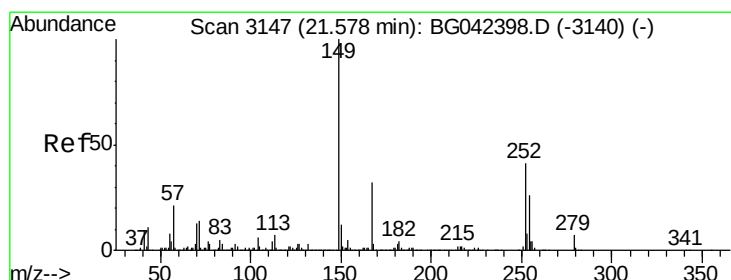
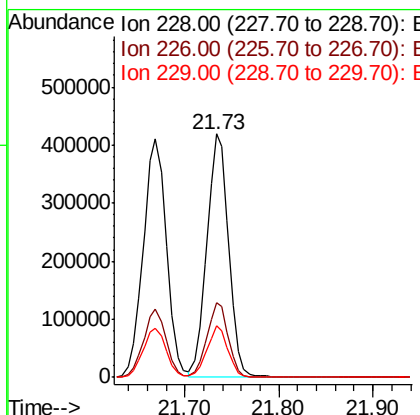
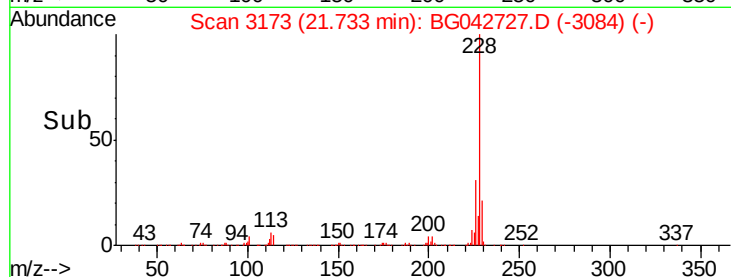
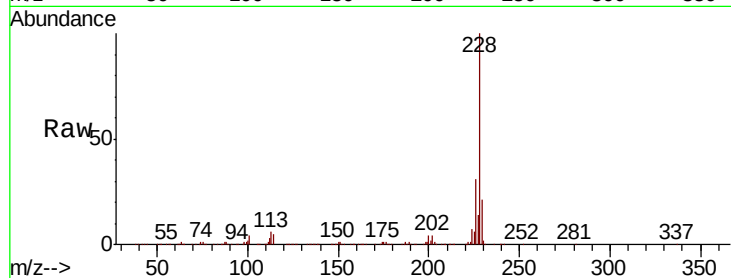
#83
 Chrysene
 Concen: 36.205 ng
 RT: 21.73 min Scan# 3173
 Delta R.T. -0.01 min
 Lab File: BG042727.D
 Acq: 5 Sep 2019 19:24

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-090319MSD

Tot Ion:	228	Resp:	679184
Ion Ratio	Lower	Upper	
228	100		
226	30.7	24.9	37.3
229	21.2	16.9	25.3

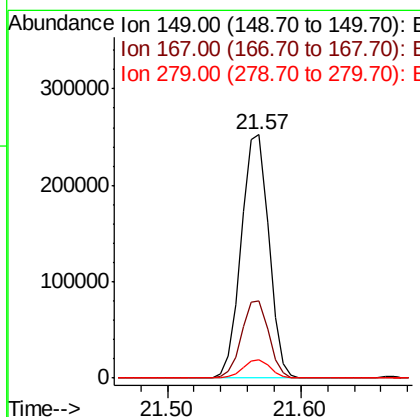
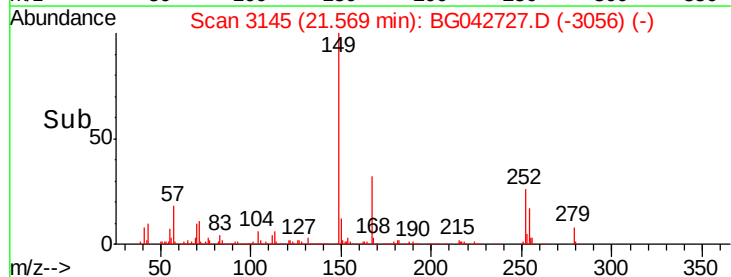
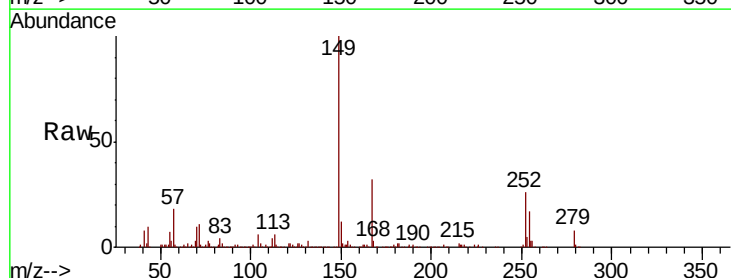
Manual Integrations
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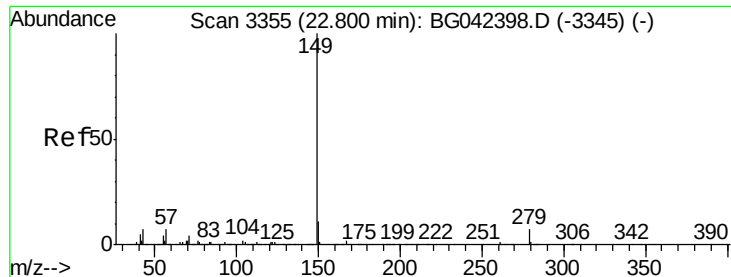
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 33.700 ng
 RT: 21.57 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG042727.D
 Acq: 5 Sep 2019 19:24

Tgt Ion:	149	Resp:	360796
Ion Ratio	Lower	Upper	
149	100		
167	31.8	26.0	39.0
279	7.7	5.4	8.0





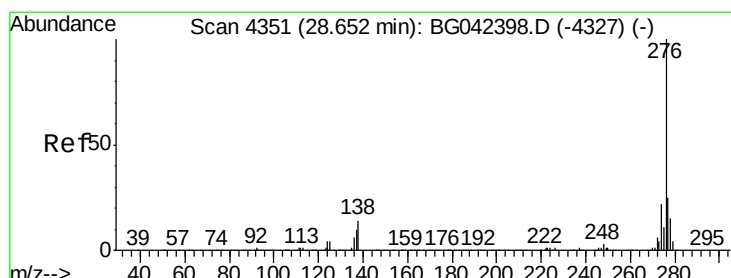
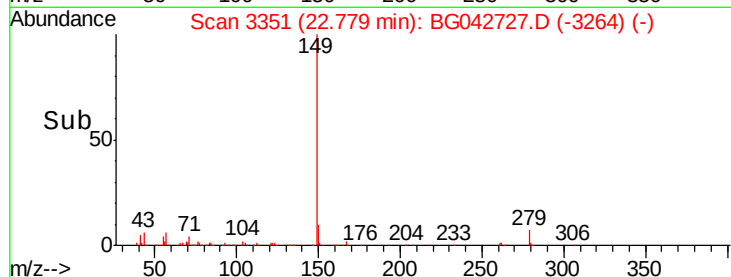
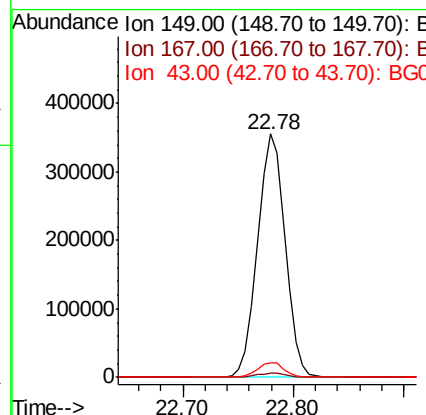
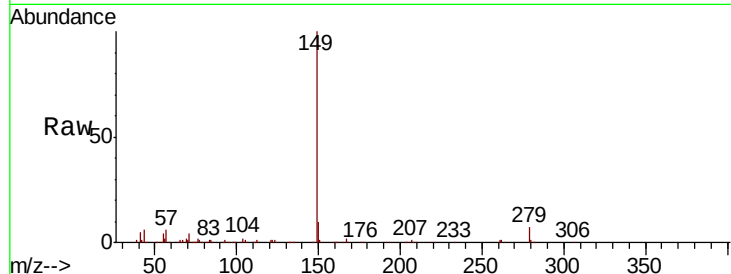
#85
Di-n-octyl phthalate
Concen: 33.928 ng
RT: 22.78 min Scan# 3351
Delta R.T. -0.02 min
Lab File: BG042727.D
Acq: 5 Sep 2019 19:24

Instrument :
BNA_G
ClientSampleId :
SU-04-090319MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	624733		
167	1.8		1.6	2.4
43	6.1		5.3	7.9

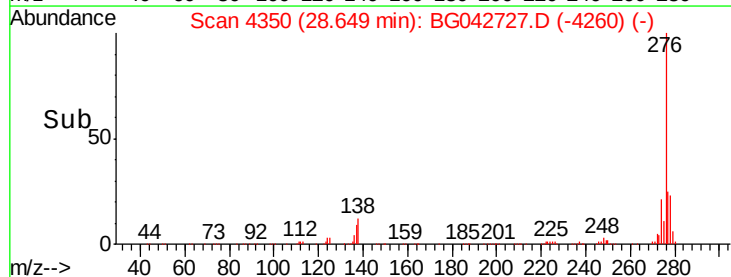
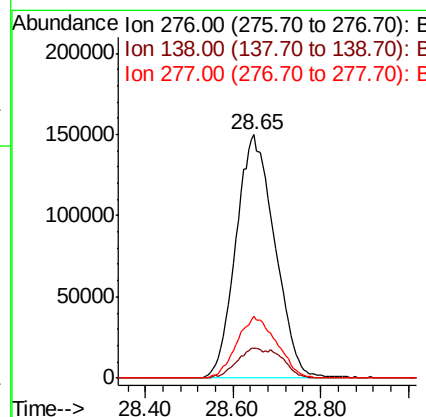
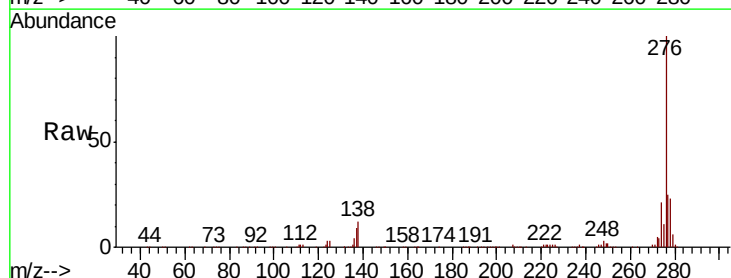
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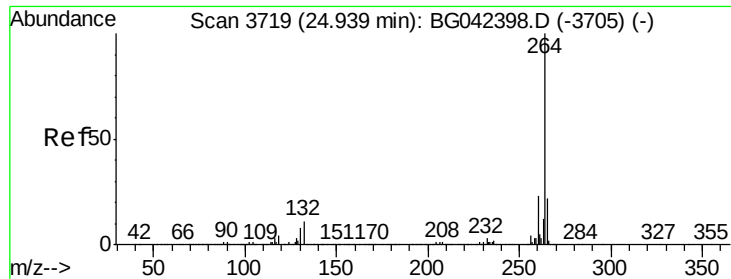
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 35.493 ng
RT: 28.65 min Scan# 4350
Delta R.T. -0.00 min
Lab File: BG042727.D
Acq: 5 Sep 2019 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	904853		
138	14.2		9.2	13.8#
277	26.0		21.0	31.6





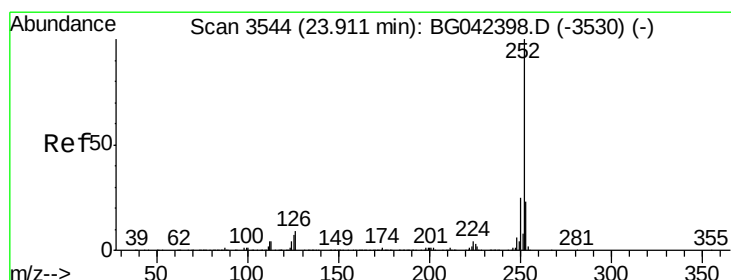
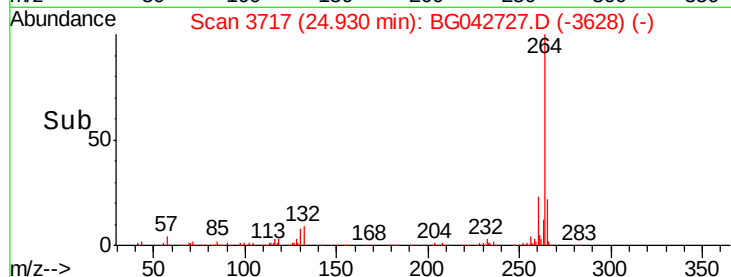
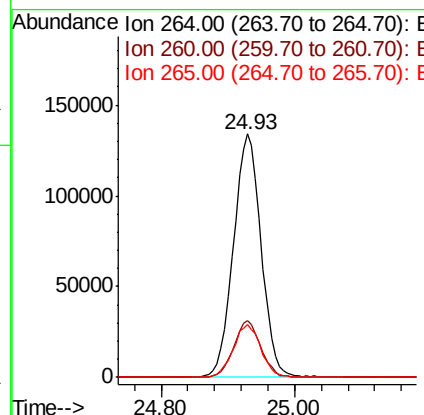
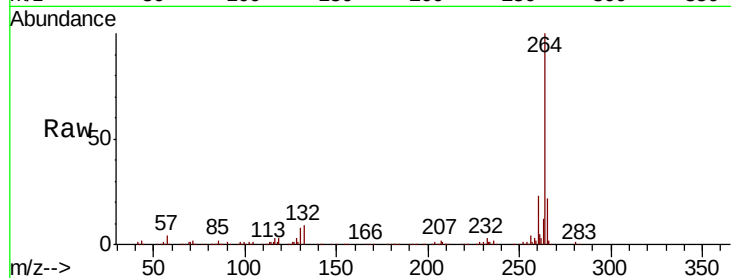
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3717
Delta R.T. -0.01 min
Lab File: BG042727.D
Acq: 5 Sep 2019 19:24

Instrument :
BNA_G
ClientSampleId :
SU-04-090319MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.5	27.7
265	21.6	17.6	26.4

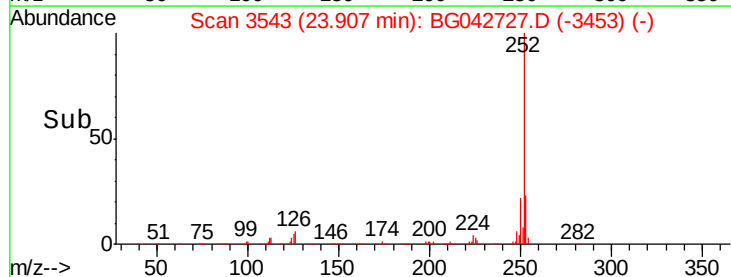
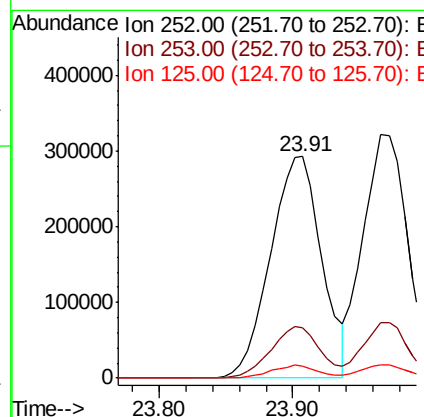
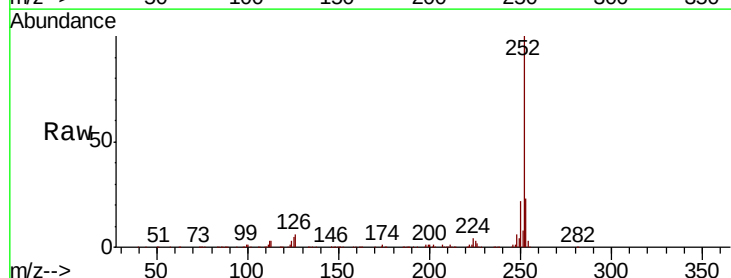
Manual Integrations
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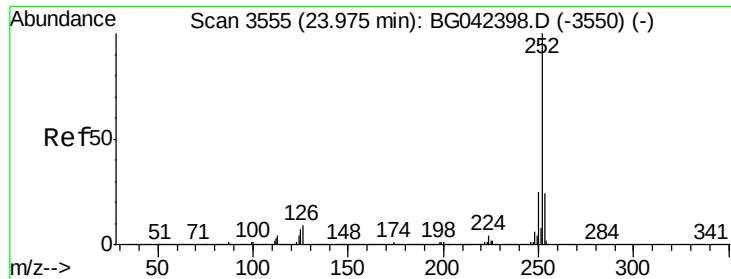
mohammad
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#88
Benzo(b)fluoranthene
Concen: 36.538 ng
RT: 23.91 min Scan# 3543
Delta R.T. -0.00 min
Lab File: BG042727.D
Acq: 5 Sep 2019 19:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.6	27.8
125	5.3	5.6	8.4#





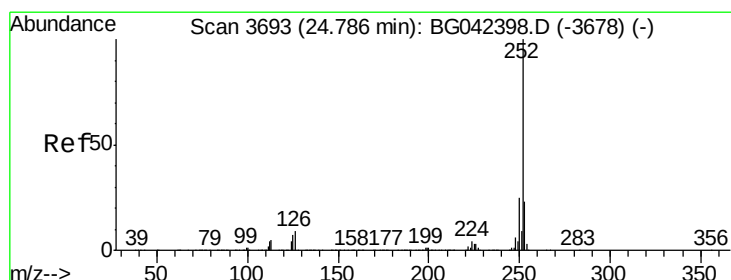
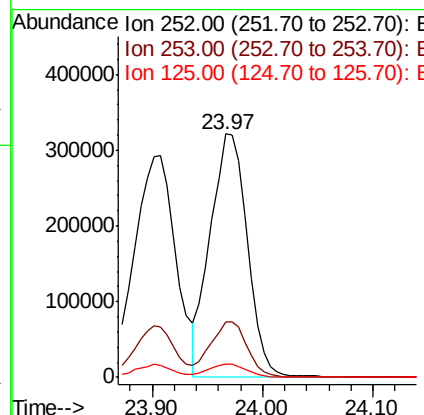
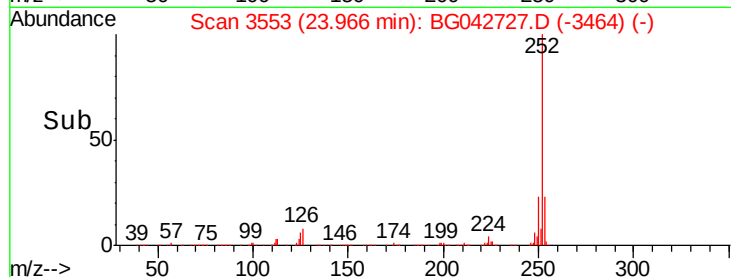
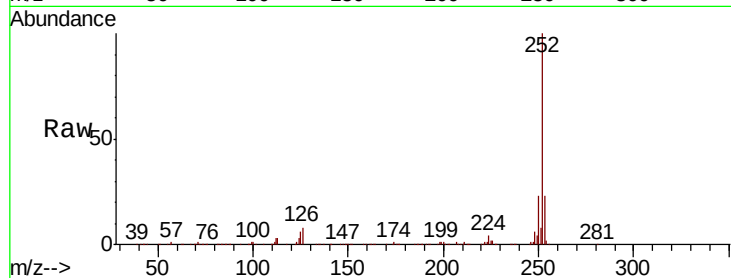
#89
Benzo(k)fluoranthene
Concen: 36.407 ng
RT: 23.97 min Scan# 3553
Delta R.T. -0.01 min
Lab File: BG042727.D
Acq: 5 Sep 2019 19:24

Instrument :
BNA_G
ClientSampleId :
SU-04-090319MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.6	27.8
125	5.5	5.8	8.6

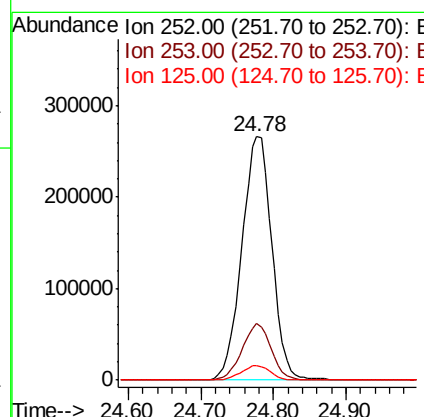
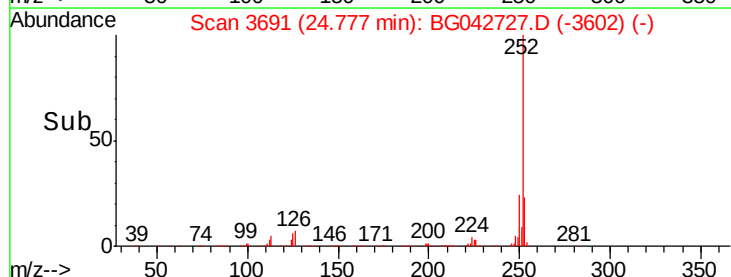
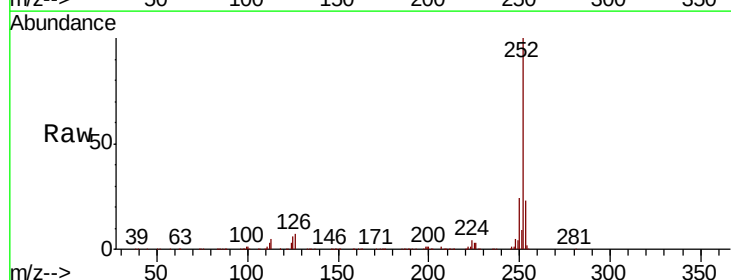
Manual Integrations
APPROVED

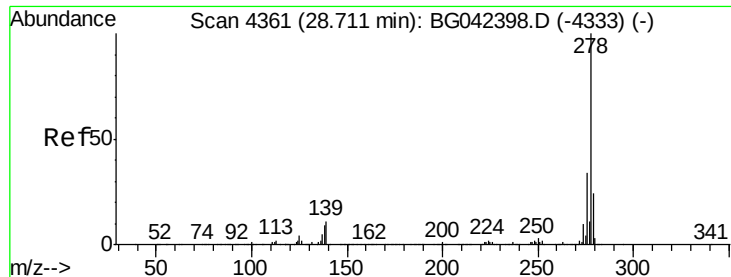
mohammad
9/10/2019 9:51:51 AM



#90
Benzo(a)pyrene
Concen: 37.710 ng
RT: 24.78 min Scan# 3691
Delta R.T. -0.01 min
Lab File: BG042727.D
Acq: 5 Sep 2019 19:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.4	27.6
125	5.9	6.0	9.0





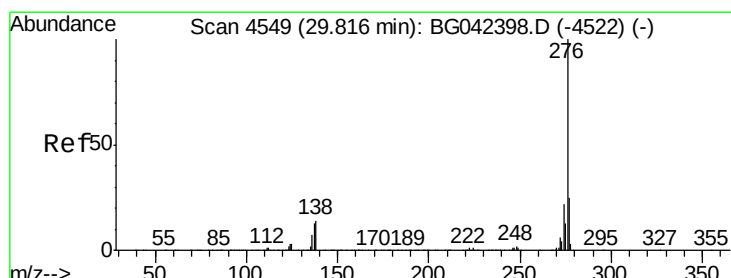
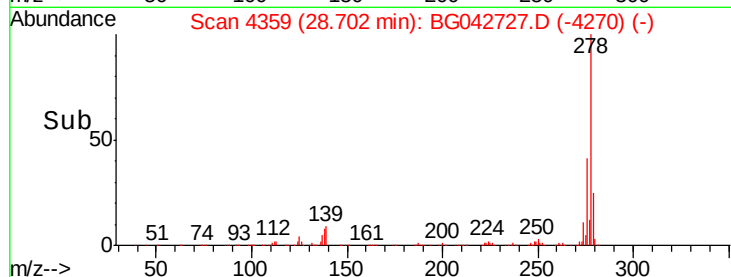
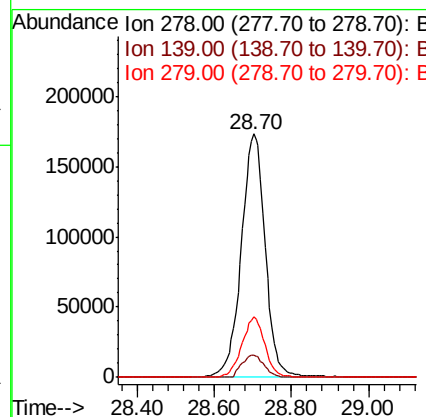
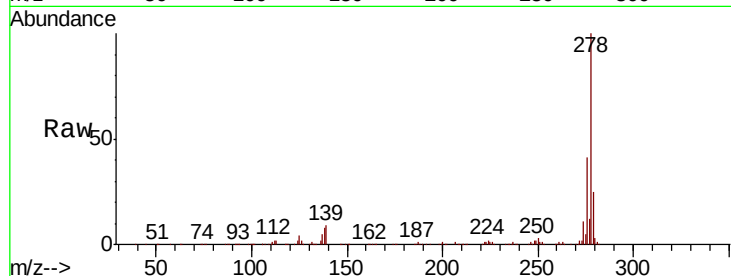
#91
Dibenzo(a,h)anthracene
Concen: 36.613 ng
RT: 28.70 min Scan# 4359
Delta R.T. -0.01 min
Lab File: BG042727.D
Acq: 5 Sep 2019 19:24

Instrument :
BNA_G
ClientSampleId :
SU-04-090319MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.3	8.8	13.2
279	24.6	19.1	28.7

Manual Integrations
APPROVED

mohammad
9/10/2019 9:51:51 AM



#92
Benzo(g,h,i)perylene
Concen: 36.988 ng
RT: 29.80 min Scan# 4546
Delta R.T. -0.02 min
Lab File: BG042727.D
Acq: 5 Sep 2019 19:24

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.3	19.8	29.8
138	11.8	11.4	17.0

