

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112319\
 Data File : BG043765.D
 Acq On : 23 Nov 2019 20:55
 Operator : JU
 Sample : K5676-25MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-112019MSD

Manual Integrations
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mohammad
 11/25/2019 2:33:48 PM

Quant Time: Nov 25 03:18:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG112219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 23 00:54:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	35282	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	192790	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	185638	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	551131	20.00	ng	0.00
76) Chrysene-d12	21.66	240	688024	20.00	ng	0.00
87) Perylene-d12	24.85	264	613566	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	350171	178.43	ng	0.00
7) Phenol-d6	7.18	99	570476	199.97	ng	0.00
23) Nitrobenzene-d5	9.18	82	306467	87.40	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	353732	157.98	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	899445	79.64	ng	0.00
79) Terphenyl-d14	20.01	244	2402553	78.91	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	26044	29.929	ng	# 37
3) Pyridine	3.92	79	109223	44.578	ng	94
4) n-Nitrosodimethylamine	3.82	42	58298	47.898	ng	# 95
6) Aniline	7.35	93	107298	28.861	ng	97
8) 2-Chlorophenol	7.59	128	137690	61.514	ng	95
9) Benzaldehyde	7.16	77	26894	15.782	ng	94
10) Phenol	7.21	94	197904	67.574	ng	98
11) bis(2-Chloroethyl)ether	7.44	93	122309	50.040	ng	93
12) 1,3-Dichlorobenzene	7.92	146	108522	41.185	ng	99
13) 1,4-Dichlorobenzene	8.07	146	113914	42.682	ng	97
14) 1,2-Dichlorobenzene	8.38	146	113010	44.751	ng	99
15) Benzyl Alcohol	8.26	79	154948	65.026	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.56	45	193929	46.135	ng	99
17) 2-Methylphenol	8.46	107	141655	67.651	ng	99
18) Hexachloroethane	9.12	117	38767	38.478	ng	95
19) n-Nitroso-di-n-propylamine	8.83	70	127035	56.624	ng	94
20) 3+4-Methylphenols	8.79	107	205050	70.193	ng	97
22) Acetophenone	8.84	105	217956	42.655	ng	# 97
24) Nitrobenzene	9.22	77	161207	44.728	ng	99
25) Isophorone	9.75	82	382484	50.872	ng	99
26) 2-Nitrophenol	9.93	139	69303	53.296	ng	99
27) 2,4-Dimethylphenol	9.99	122	168633	66.044	ng	96
28) bis(2-Chloroethoxy)methane	10.23	93	210441	45.413	ng	99
29) 2,4-Dichlorophenol	10.47	162	181165	58.364	ng	95
30) 1,2,4-Trichlorobenzene	10.69	180	147518	40.555	ng	100
31) Naphthalene	10.88	128	444482	46.477	ng	99
32) Benzoic acid	10.11	122	112435	61.062	ng	95
33) 4-Chloroaniline	10.98	127	43871	9.521	ng	96
34) Hexachlorobutadiene	11.18	225	83866	35.063	ng	99
35) Caprolactam	11.74	113	86940m	68.881	ng	
36) 4-Chloro-3-methylphenol	12.10	107	234403	67.195	ng	98
37) 2-Methylnaphthalene	12.48	142	379548	52.664	ng	97
38) 1-Methylnaphthalene	12.70	142	368449	53.868	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	210065	35.562	ng	98

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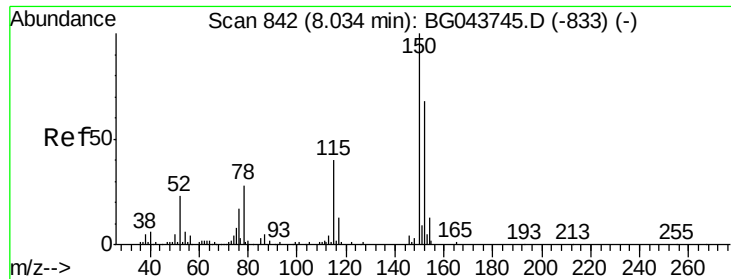
Manual Integrations
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Quant Time: Nov 25 03:18:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG112219.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	224957	70.488	nq	100
43) 2,4,6-Trichlorophenol	13.08	196	181192	47.694	nq	99
44) 2,4,5-Trichlorophenol	13.15	196	208433	52.738	nq	98
46) 1,1'-Biphenyl	13.49	154	527908	41.025	nq	100
47) 2-Chloronaphthalene	13.53	162	423753	40.382	nq	98
48) 2-Nitroaniline	13.72	65	154273	50.217	nq	97
49) Acenaphthylene	14.38	152	768291	46.535	nq	98
50) Dimethylphthalate	14.11	163	714396	48.580	nq	99
51) 2,6-Dinitrotoluene	14.22	165	152790	55.948	nq	97
52) Acenaphthene	14.72	154	529296	50.131	nq	100
53) 3-Nitroaniline	14.54	138	62362	19.550	nq	# 93
54) 2,4-Dinitrophenol	14.75	184	142040	127.303	nq	# 69
55) Dibenzofuran	15.05	168	783609	47.641	nq	100
56) 4-Nitrophenol	14.85	139	349432	130.055	nq	92
57) 2,4-Dinitrotoluene	15.00	165	231412	61.102	nq	95
58) Fluorene	15.70	166	660702	48.981	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.27	232	213877m	53.879	nq	
60) Diethylphthalate	15.48	149	739701	50.252	nq	99
61) 4-Chlorophenyl-phenylether	15.70	204	350636	47.213	nq	96
62) 4-Nitroaniline	15.70	138	170172	46.525	nq	95
63) Azobenzene	15.99	77	666271	48.137	nq	97
65) 4,6-Dinitro-2-methylphenol	15.77	198	109945	52.890	nq	96
66) n-Nitrosodiphenylamine	15.91	169	634650	43.493	nq	98
67) 4-Bromophenyl-phenylether	16.59	248	246542	42.420	nq	98
68) Hexachlorobenzene	16.71	284	262945	41.384	nq	96
69) Atrazine	16.85	200	247184	42.268	nq	99
70) Pentachlorophenol	17.05	266	391671	101.022	nq	98
71) Phenanthrene	17.44	178	1245836	45.684	nq	98
72) Anthracene	17.53	178	1276986	46.356	nq	98
73) Carbazole	17.79	167	1282246	48.824	nq	98
74) Di-n-butylphthalate	18.37	149	1476231	42.260	nq	98
75) Fluoranthene	19.45	202	1760011	44.992	nq	95
77) Benzidine	19.63	184	174424	8.679	nq	99
78) Pyrene	19.80	202	1820581	41.000	nq	97
80) Butylbenzylphthalate	20.70	149	881090	43.558	nq	99
81) Benzo(a)anthracene	21.64	228	2024815	44.021	nq	96
82) 3,3'-Dichlorobenzidine	21.56	252	221326	12.831	nq	99
83) Chrysene	21.71	228	1901522	43.689	nq	96
84) Bis(2-ethylhexyl)phthalate	21.58	149	1250111	43.923	nq	97
85) Di-n-octyl phthalate	22.80	149	1820632	39.438	nq	98
86) Indeno(1,2,3-cd)pyrene	28.46	276	1949961	38.515	nq	93
88) Benzo(b)fluoranthene	23.84	252	1741445	47.537	nq	98
89) Benzo(k)fluoranthene	23.91	252	1600248	45.515	nq	97
90) Benzo(a)pyrene	24.70	252	1527287	44.337	nq	98
91) Dibenzo(a,h)anthracene	28.54	278	1600148	47.890	nq	98
92) Benzo(g,h,i)perylene	29.59	276	1621411	49.208	nq	98

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



#1

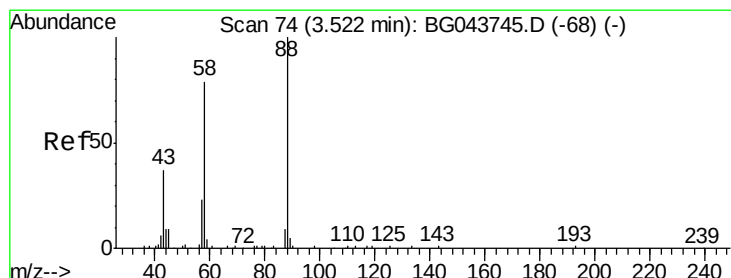
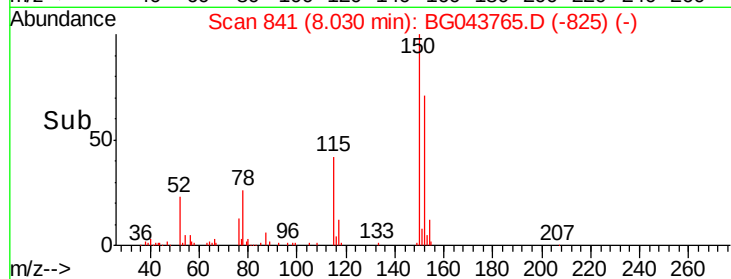
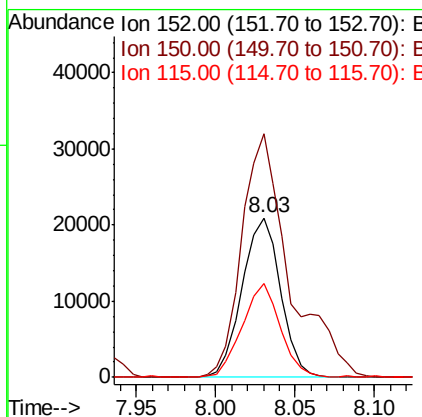
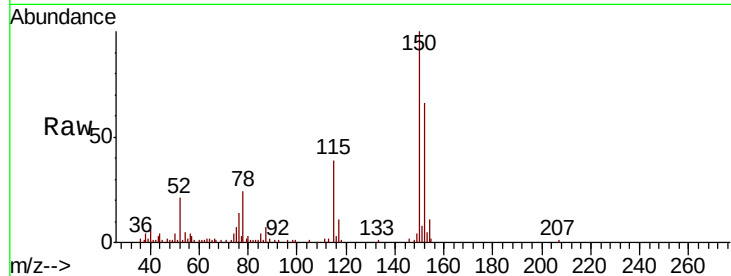
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG043765.D
Acq: 23 Nov 2019 20:55

Instrument :
BNA_G
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	152.4	117.8	176.8
115	58.8	47.0	70.4

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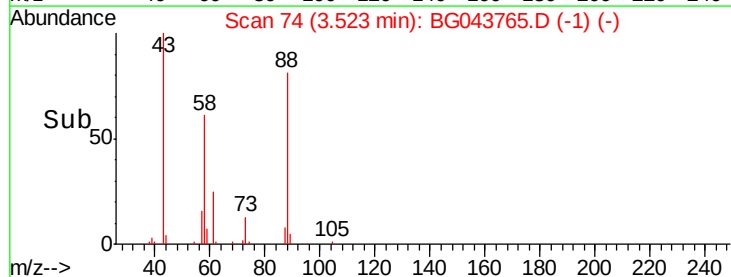
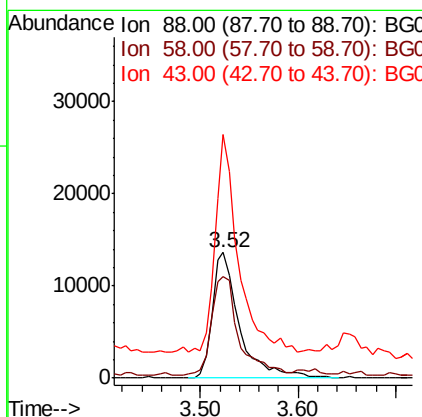
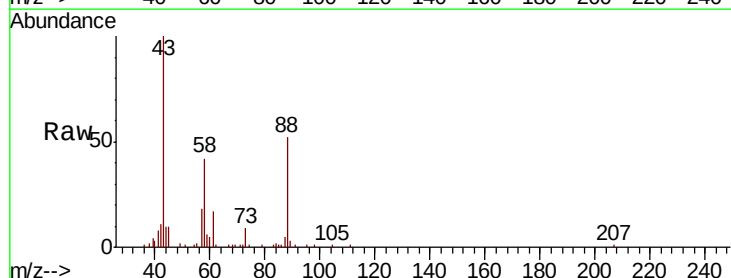
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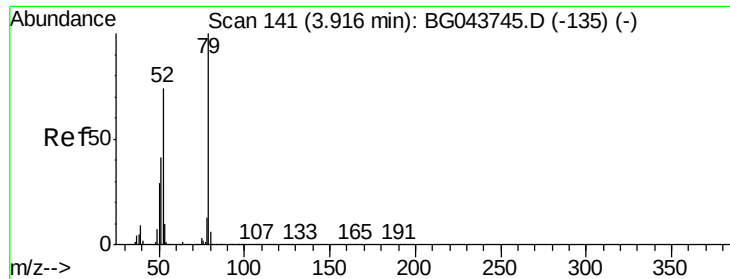


#2

1,4-Dioxane
Concen: 29.929 ng
RT: 3.52 min Scan# 74
Delta R.T. 0.00 min
Lab File: BG043765.D
Acq: 23 Nov 2019 20:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.3	62.3	93.5
43	148.6	28.9	43.3#





#3

Pvridine

Concen: 44.578 ng

RT: 3.92 min Scan# 142

Delta R.T. 0.01 min

Lab File: BG043765.D

Acq: 23 Nov 2019 20:55

Instrument :

BNA_G

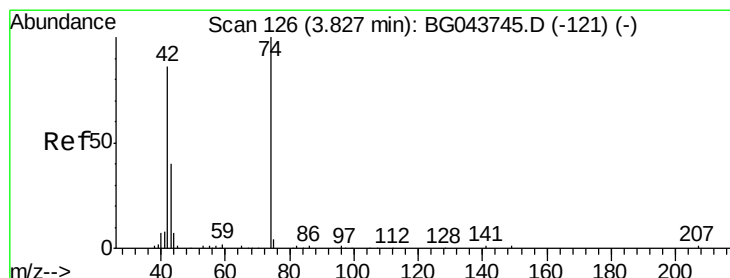
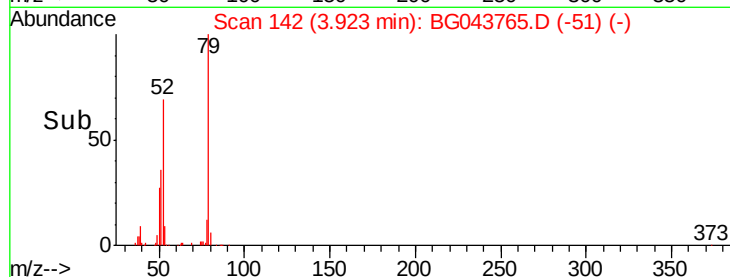
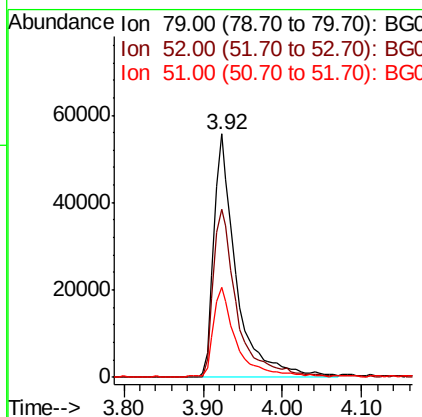
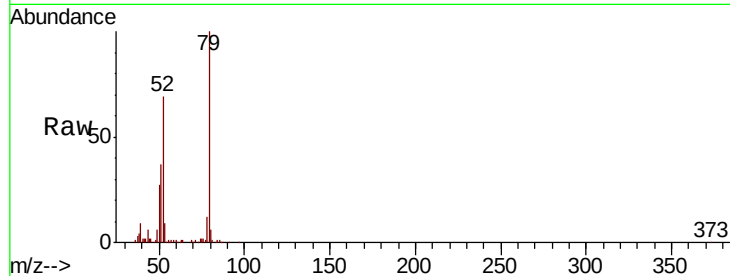
ClientSampleId :

SU-02-112019MSD

Tot Ion:	79	Resp:	109223
Ion	Ratio	Lower	Upper
79	100		
52	69.1	59.0	88.6
51	36.8	32.9	49.3

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#4

n-Nitrosodimethylamine

Concen: 47.898 ng

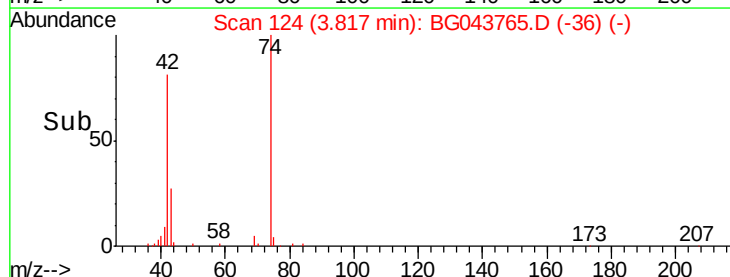
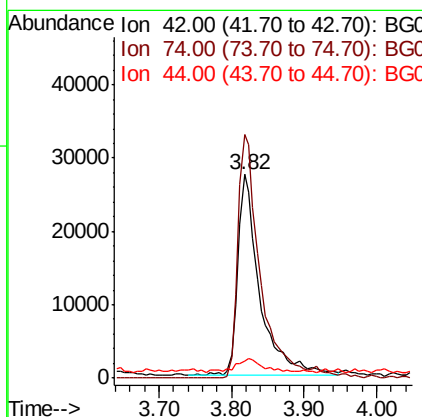
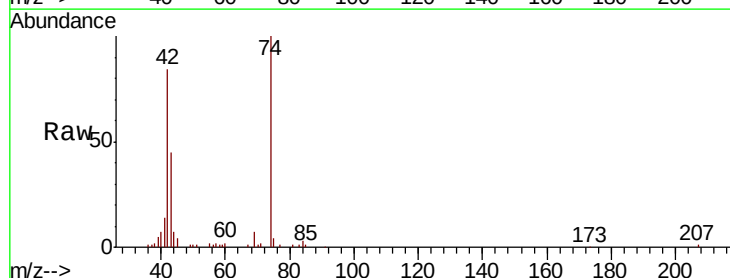
RT: 3.82 min Scan# 124

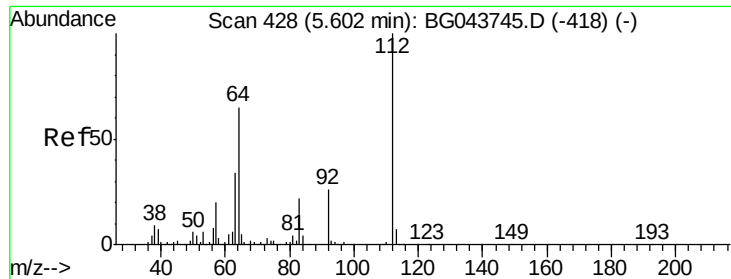
Delta R.T. -0.01 min

Lab File: BG043765.D

Acq: 23 Nov 2019 20:55

Tgt Ion:	42	Resp:	58298
Ion	Ratio	Lower	Upper
42	100		
74	119.7	91.9	137.9
44	8.6	9.1	13.7#





#5

2-Fluorophenol

Concen: 178.428 ng

RT: 5.60 min Scan# 428

Delta R.T. 0.00 min

Lab File: BG043765.D

Acq: 23 Nov 2019 20:55

Instrument :

BNA_G

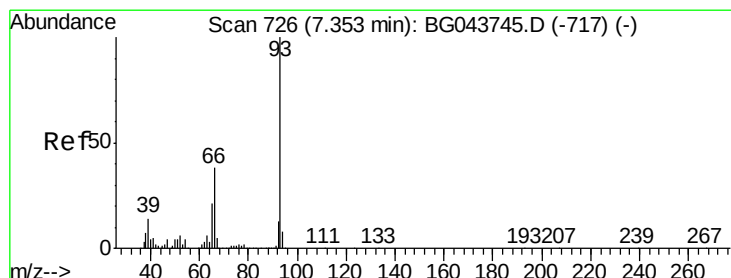
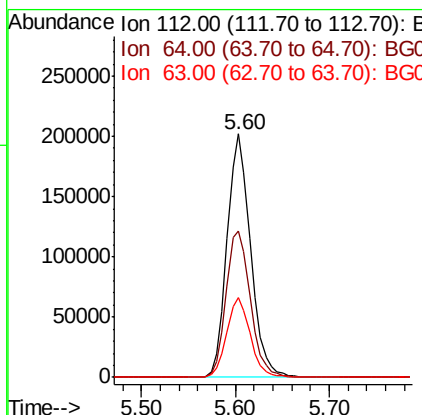
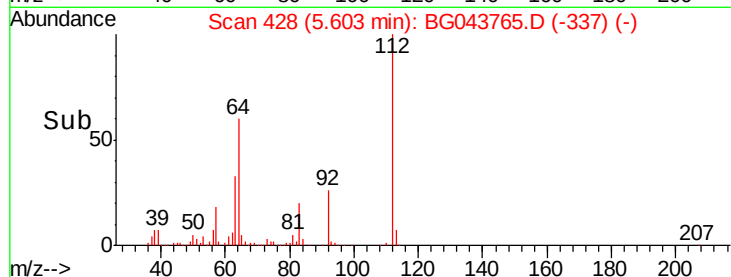
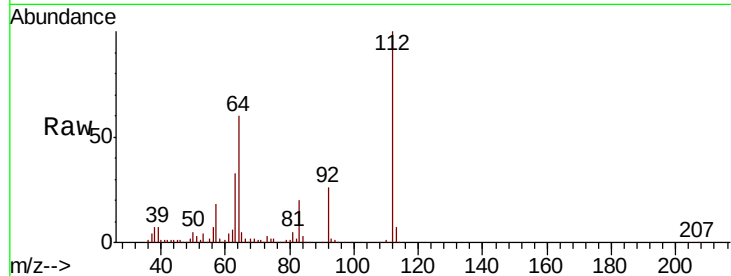
ClientSampleId :

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Tot Ion:	112	Resp:	350171
Ion Ratio	Lower	Upper	
112	100		
64	60.3	51.7	77.5
63	32.7	26.8	40.2

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#6

Aniline

Concen: 28.861 ng

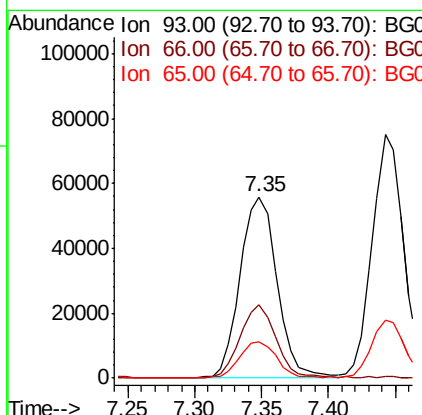
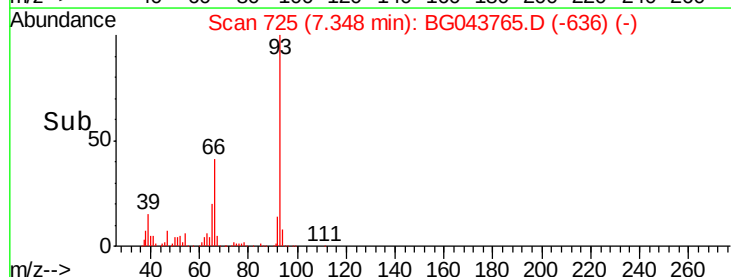
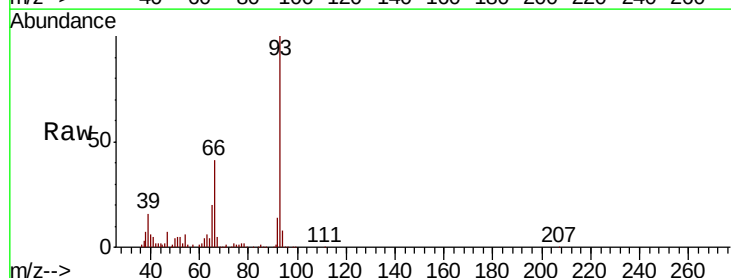
RT: 7.35 min Scan# 725

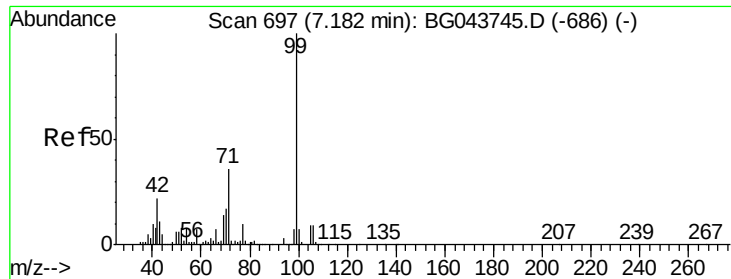
Delta R.T. -0.00 min

Lab File: BG043765.D

Acq: 23 Nov 2019 20:55

Tgt Ion:	93	Resp:	107298
Ion Ratio	Lower	Upper	
93	100		
66	40.6	30.6	46.0
65	20.0	16.8	25.2





#7

Phenol-d6

Concen: 199.965 ng

RT: 7.18 min Scan# 697

Delta R.T. 0.00 min

Lab File: BG043765.D

Acq: 23 Nov 2019 20:55

Instrument :

BNA_G

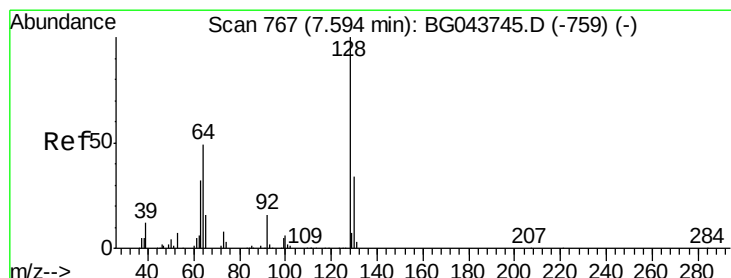
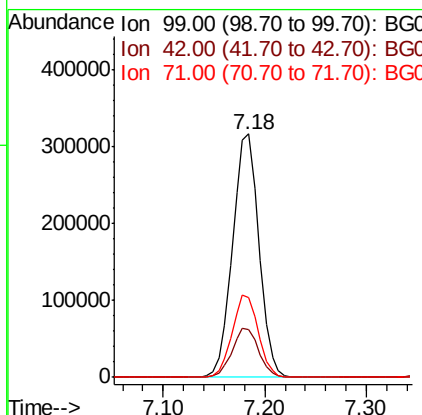
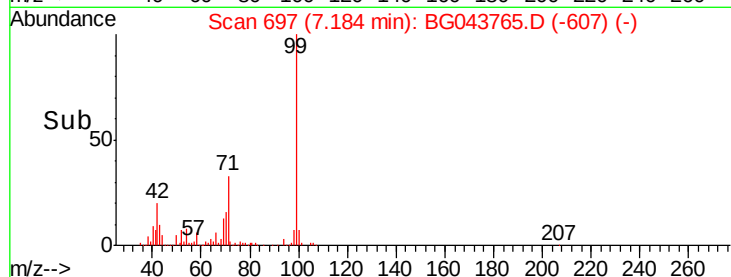
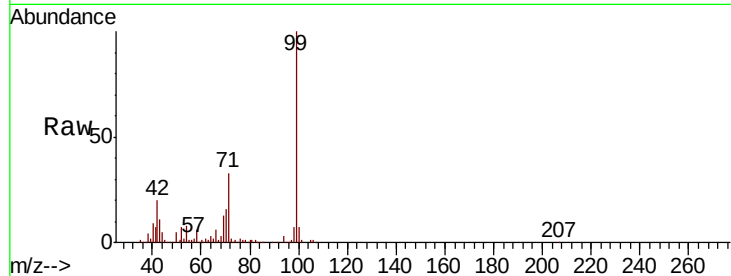
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		570476		
42	19.9	17.4	26.0		
71	32.9	29.5	44.3		

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#8

2-Chlorophenol

Concen: 61.514 ng

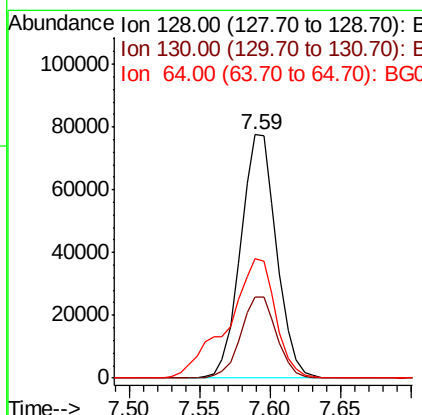
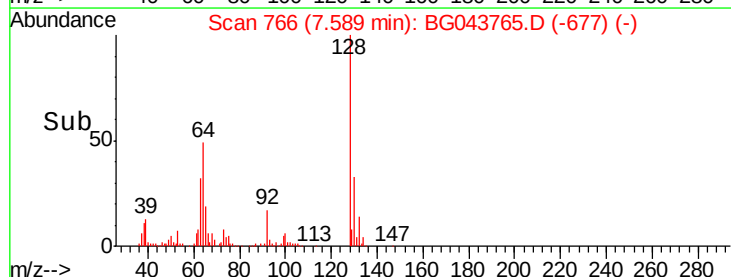
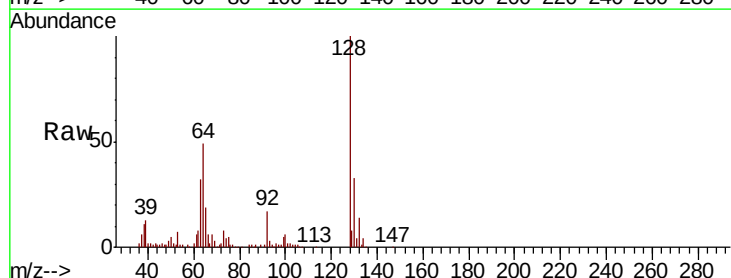
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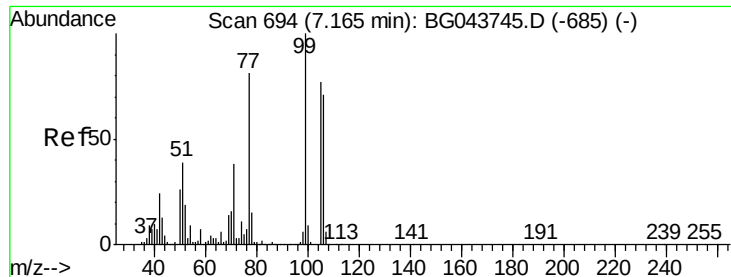
Delta R.T. -0.00 min

Lab File: BG043765.D

Acq: 23 Nov 2019 20:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		137690		
130	33.3	14.3	54.3		
64	49.3	34.5	74.5		





#9

Benzaldehyde

Concen: 15.782 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.00 min

Lab File: BG043765.D

Acq: 23 Nov 2019 20:55

Instrument :

BNA_G

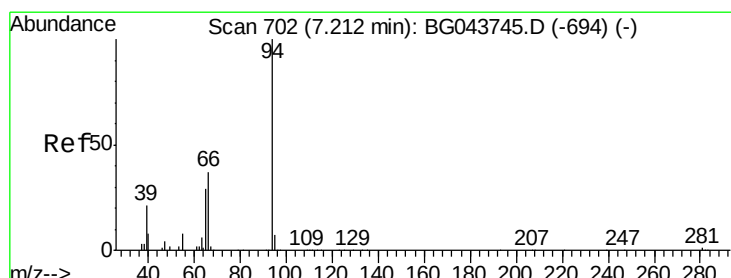
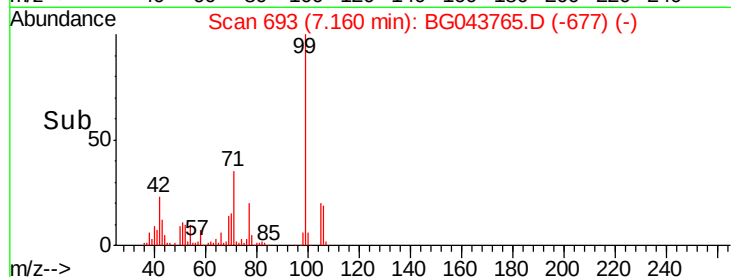
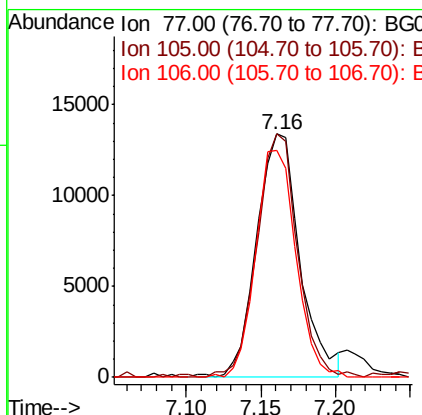
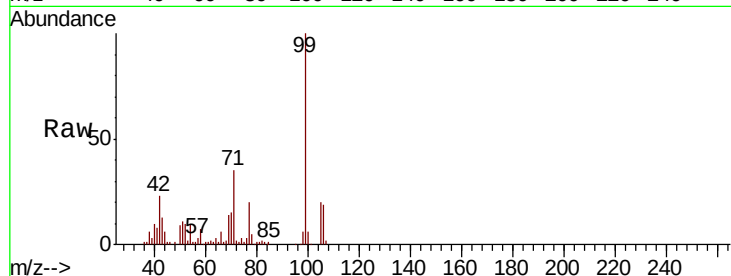
ClientSampleId :

SU-02-112019MSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	100.0	75.0	115.0	
106	93.2	67.4	107.4	

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#10

Phenol

Concen: 67.574 ng

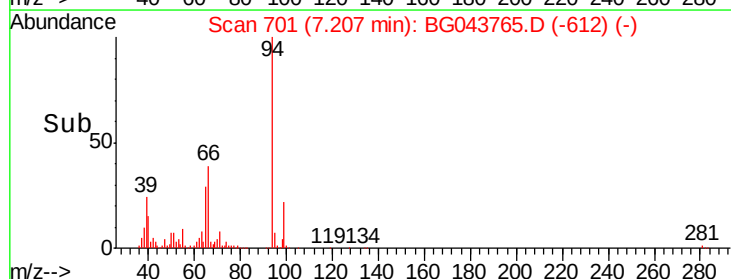
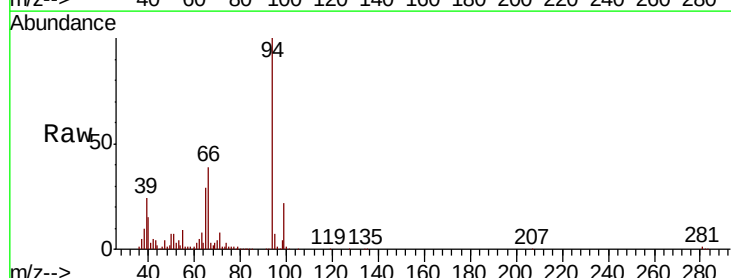
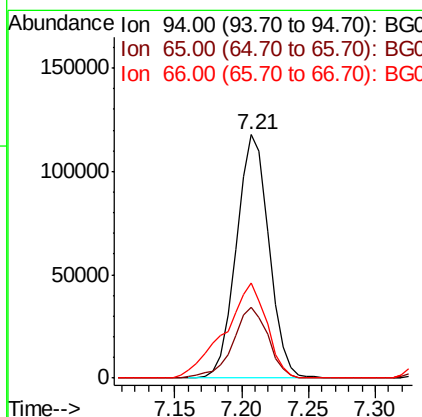
RT: 7.21 min Scan# 701

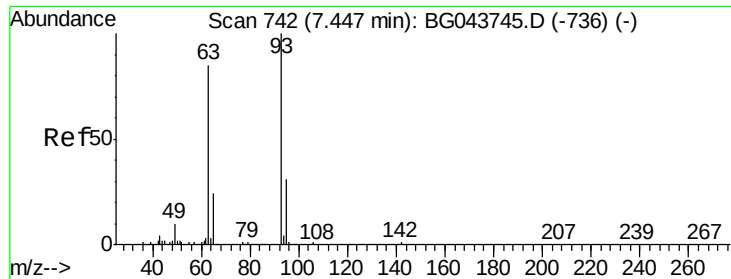
Delta R.T. -0.00 min

Lab File: BG043765.D

Acq: 23 Nov 2019 20:55

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	29.1	10.3	50.3	
66	39.3	20.5	60.5	





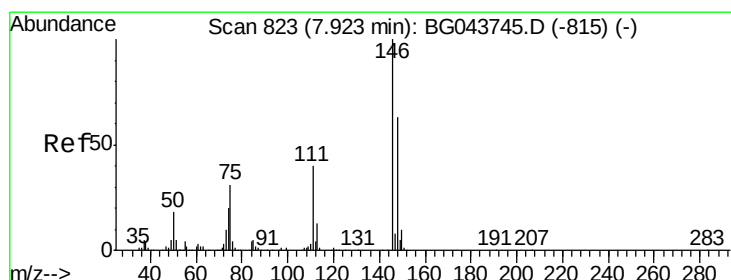
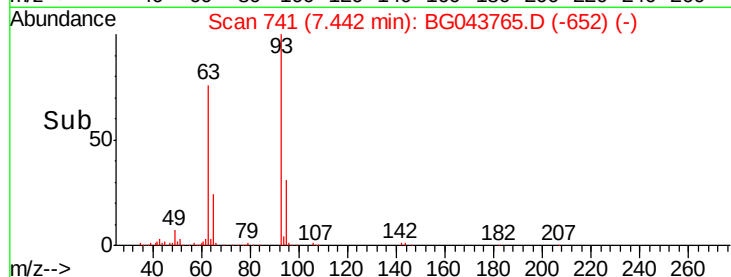
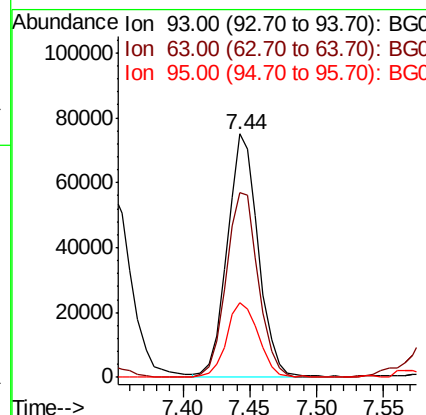
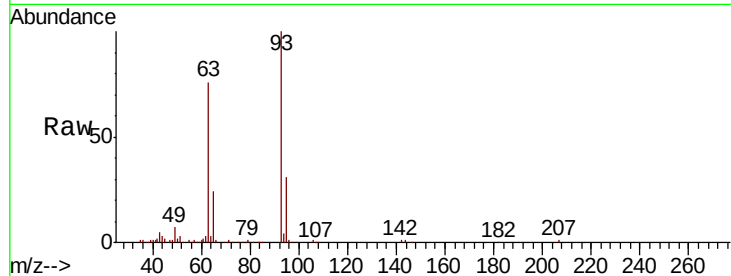
#11
bis(2-Chloroethyl)ether
Concen: 50.040 ng
RT: 7.44 min Scan# 741
Delta R.T. -0.00 min
Lab File: BG043765.D
Acq: 23 Nov 2019 20:55

Instrument :
BNA_G
ClientSampleId :
SU-02-112019MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	76.1	64.4	104.4
95	30.7	11.3	51.3

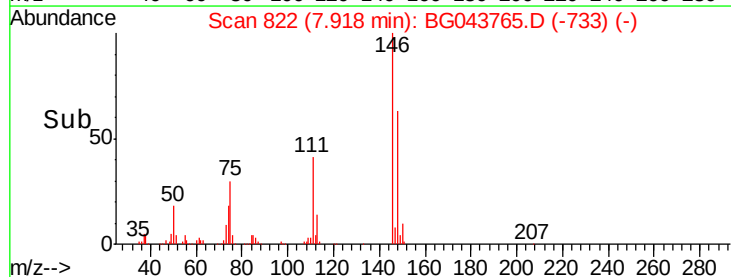
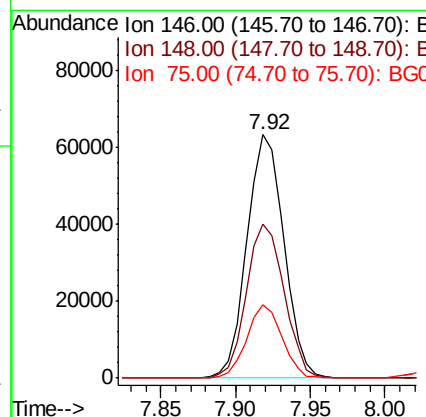
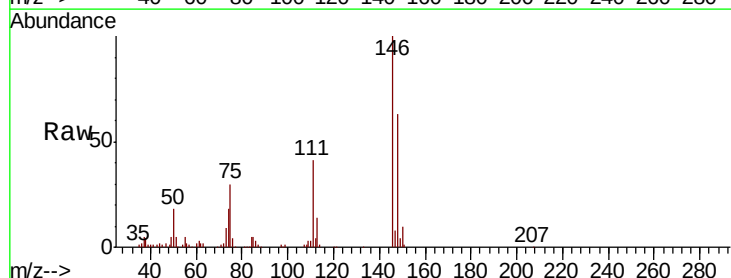
Manual Integrations
APPROVED

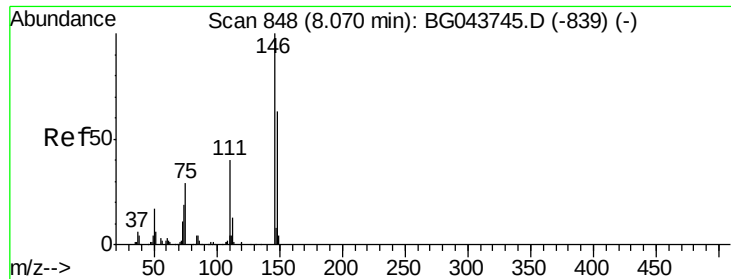
mohammad
11/25/2019 2:33:48 PM



#12
1,3-Dichlorobenzene
Concen: 41.185 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BG043765.D
Acq: 23 Nov 2019 20:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.6	75.8
75	30.2	25.2	37.8





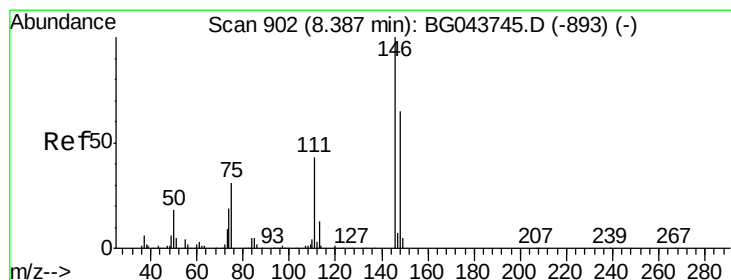
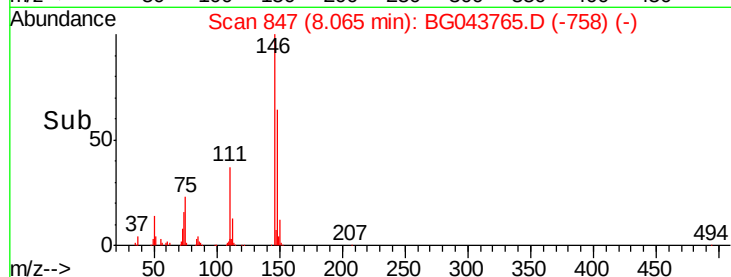
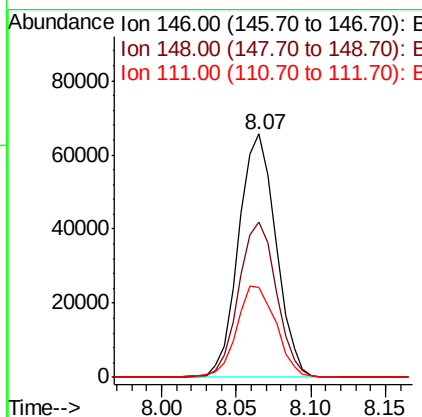
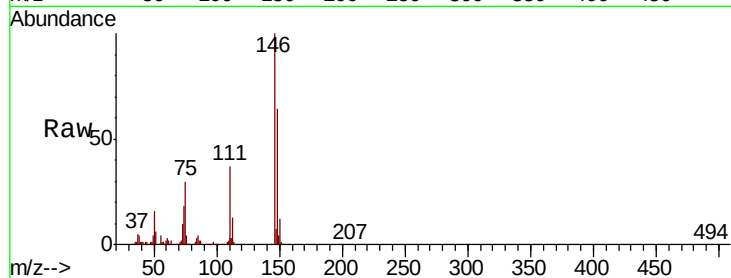
#13
1,4-Dichlorobenzene
Concen: 42.682 ng
RT: 8.07 min Scan# 847
Delta R.T. -0.00 min
Lab File: BG043765.D
Acq: 23 Nov 2019 20:55

Instrument :
BNA_G
ClientSampleId :
SU-02-112019MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.1	75.1
111	37.0	32.1	48.1

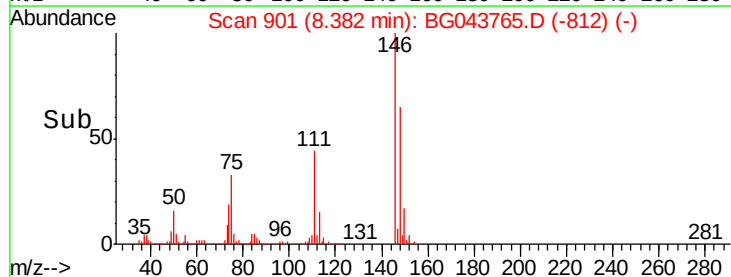
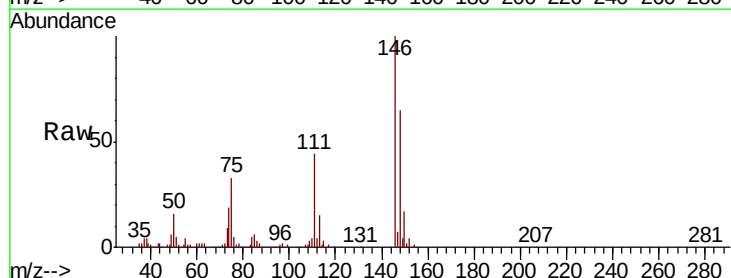
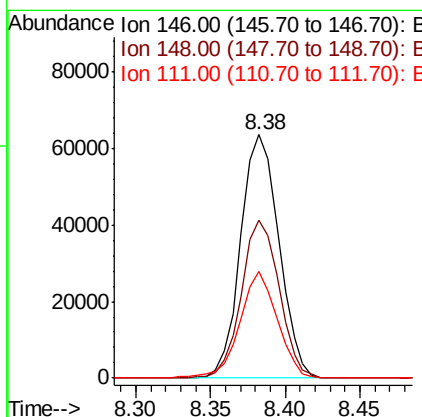
Manual Integrations
APPROVED

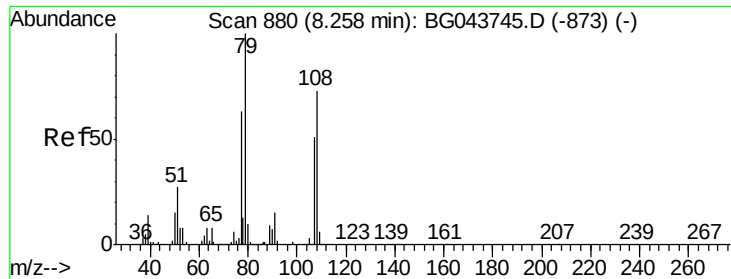
mohammad
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#14
1,2-Dichlorobenzene
Concen: 44.751 ng
RT: 8.38 min Scan# 901
Delta R.T. -0.00 min
Lab File: BG043765.D
Acq: 23 Nov 2019 20:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.1	78.1
111	44.0	34.7	52.1





#15

Benzyl Alcohol

Concen: 65.026 ng

RT: 8.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BG043765.D

Acq: 23 Nov 2019 20:55

Instrument :

BNA_G

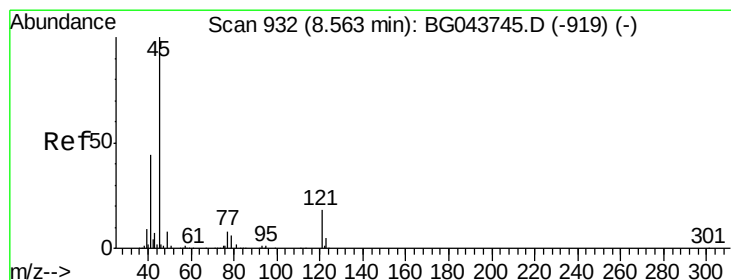
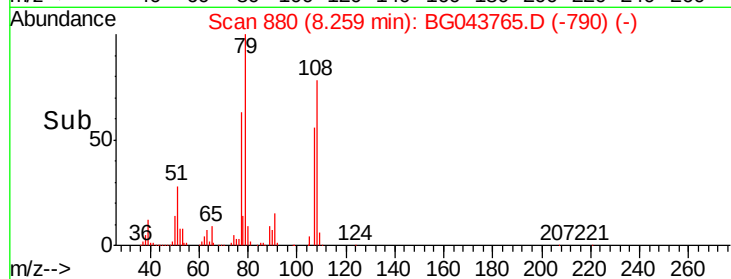
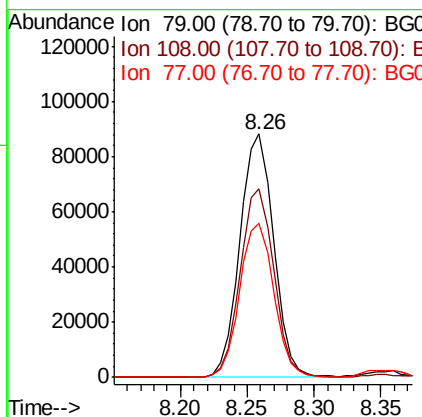
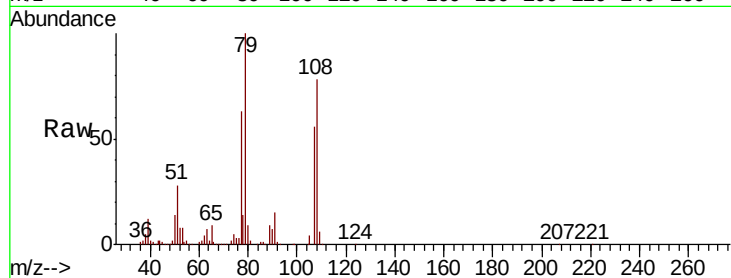
ClientSampleId :

SU-02-112019MSD

Tot Ion:	79	Resp:	154948
Ion Ratio	Lower	Upper	
79	100		
108	77.6	58.2	87.2
77	63.1	50.2	75.4

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 46.135 ng

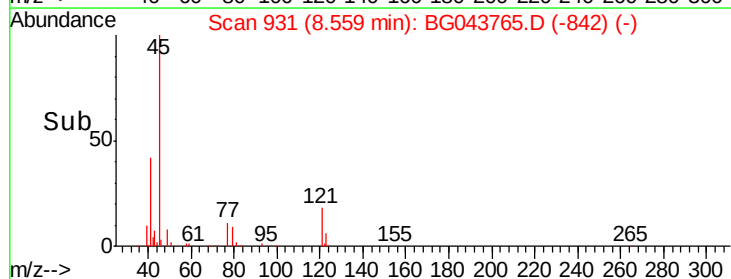
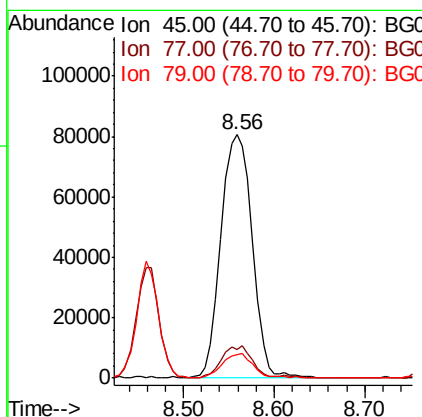
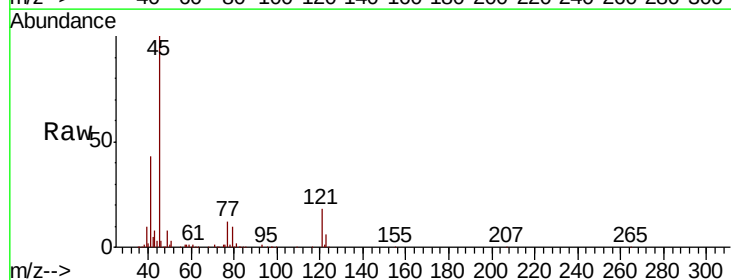
RT: 8.56 min Scan# 931

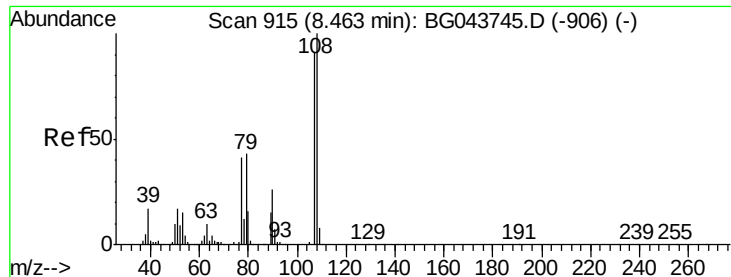
Delta R.T. -0.00 min

Lab File: BG043765.D

Acq: 23 Nov 2019 20:55

Tgt Ion:	45	Resp:	193929
Ion Ratio	Lower	Upper	
45	100		
77	11.7	0.0	32.2
79	9.7	0.0	29.9





#17

2-Methylphenol

Concen: 67.651 ng

RT: 8.46 min Scan# 914

Delta R.T. -0.00 min

Lab File: BG043765.D

Acq: 23 Nov 2019 20:55

Instrument :

BNA_G

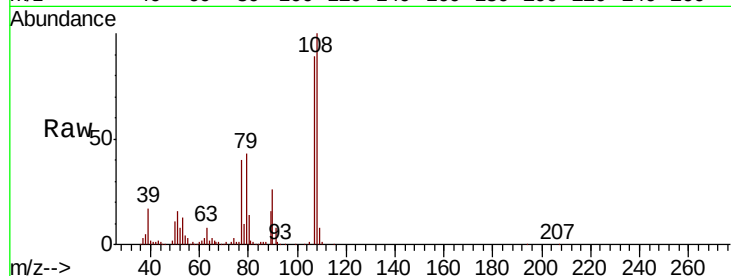
ClientSampleId :

SU-02-112019MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.9	88.0	132.0	
77	45.0	35.9	53.9	
79	48.1	38.2	57.2	

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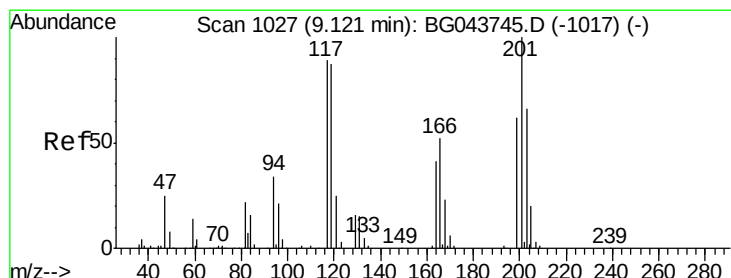
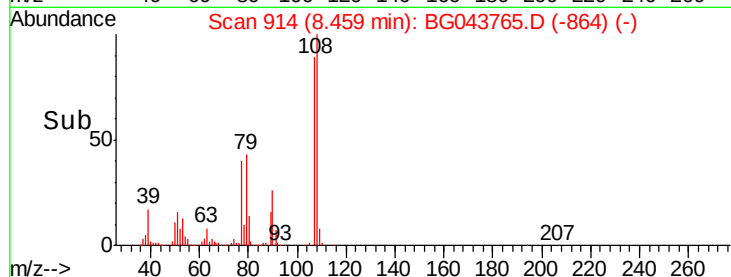
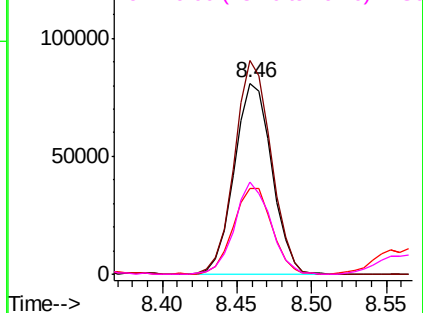
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 38.478 ng

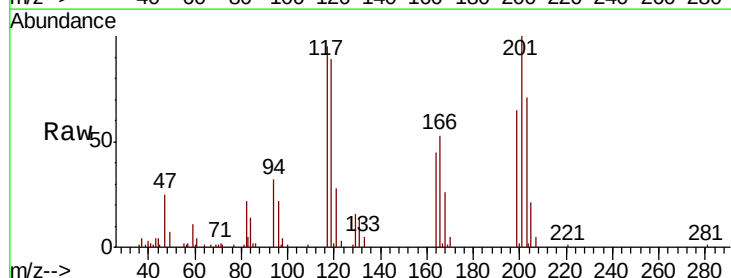
RT: 9.12 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BG043765.D

Acq: 23 Nov 2019 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.5	77.7	116.5	
201	105.5	89.4	134.0	

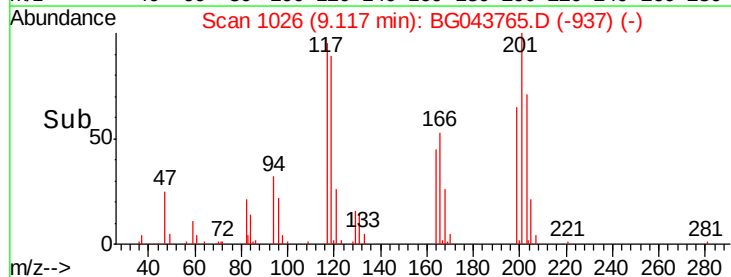
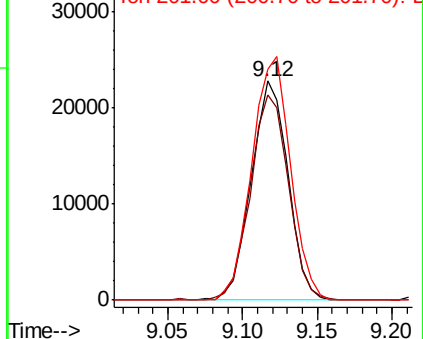


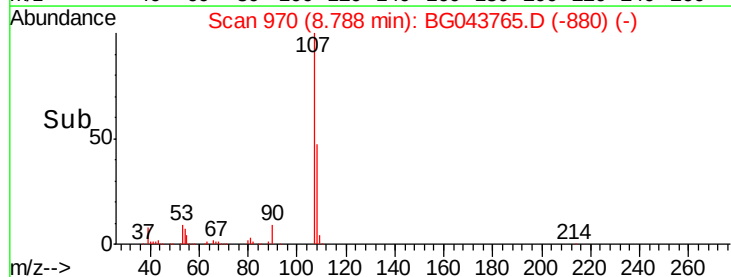
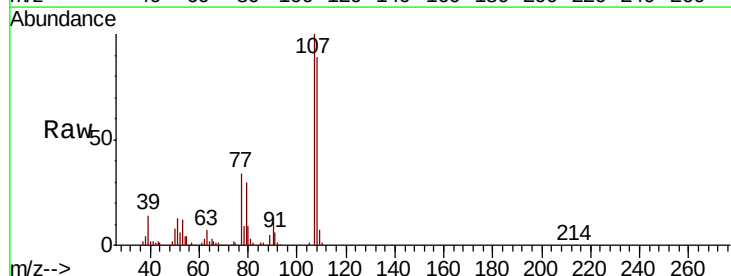
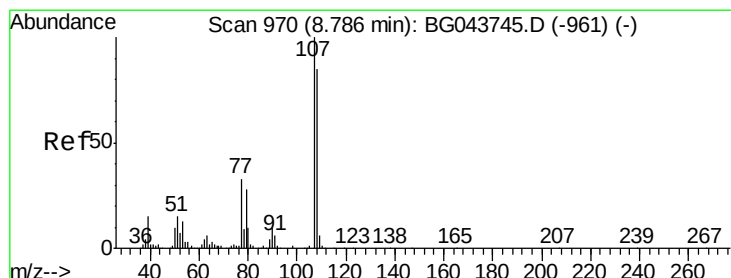
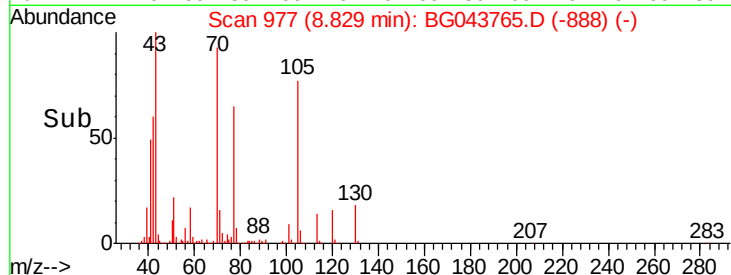
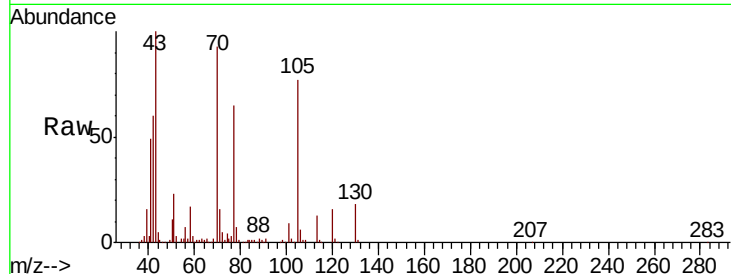
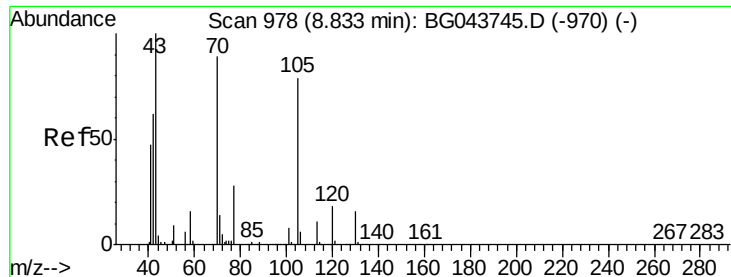
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

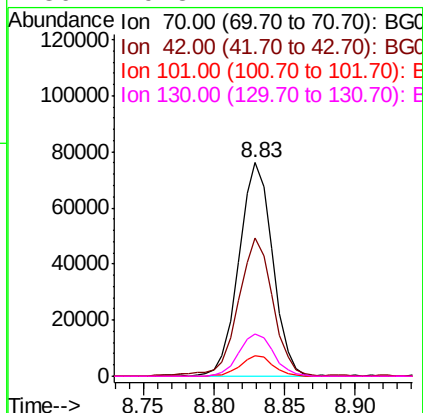
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 56.624 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG043765.D
Acq: 23 Nov 2019 20:55

Tot Ion	Ratio	Lower	Upper
70	100		
42	64.6	56.4	84.6
101	9.3	6.7	10.1
130	19.8	14.7	22.1



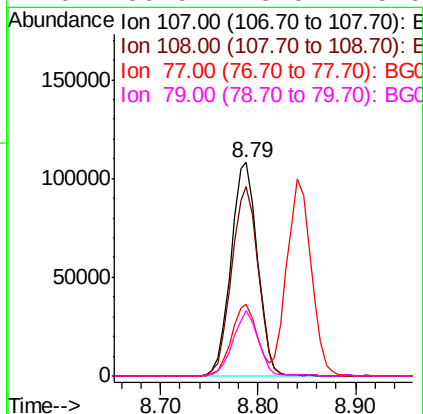
Instrument :
BNA_G
ClientSampleId :
SU-02-112019MSD

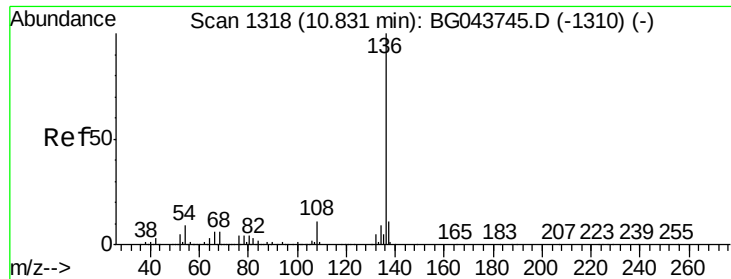
Manual Integrations
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11/25/2019 2:33:48 PM

#20
3+4-Methylphenols
Concen: 70.193 ng
RT: 8.79 min Scan# 970
Delta R.T. 0.00 min
Lab File: BG043765.D
Acq: 23 Nov 2019 20:55

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.5	64.6	104.6
77	33.5	13.7	53.7
79	30.5	8.5	48.5





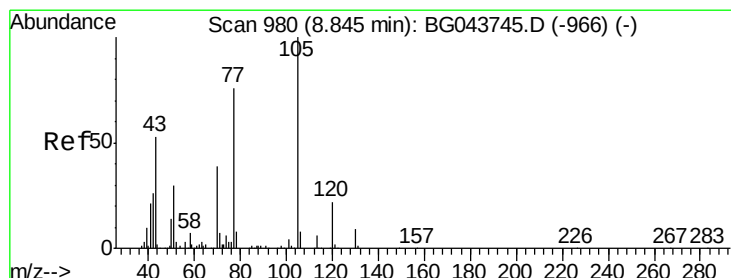
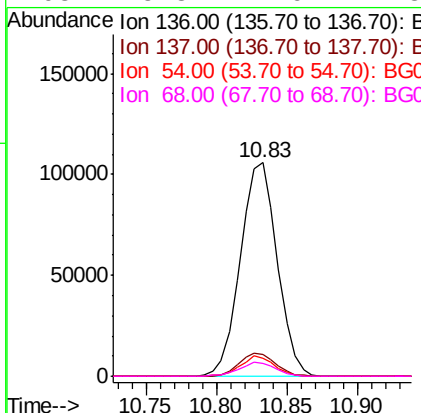
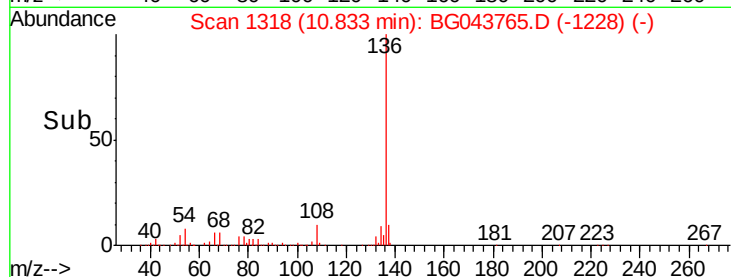
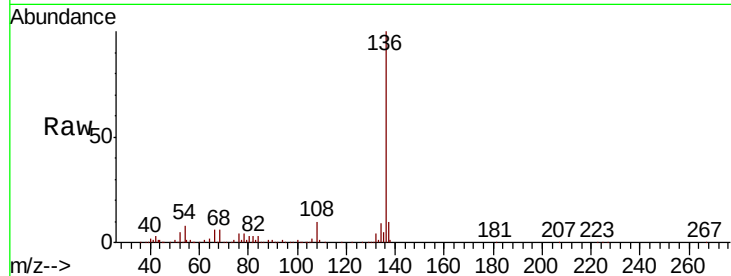
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG043765.D
Acq: 23 Nov 2019 20:55

Instrument :
BNA_G
ClientSampleId :
SU-02-112019MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	192790		
137	10.3		8.8	13.2
54	8.1		7.5	11.3
68	5.8		4.9	7.3

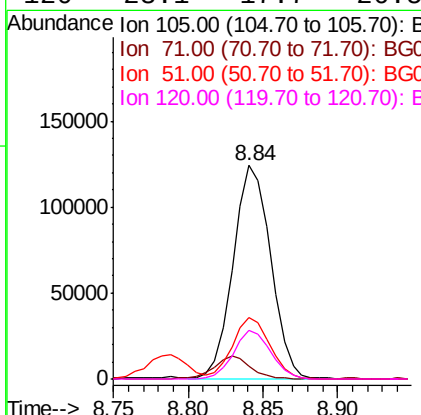
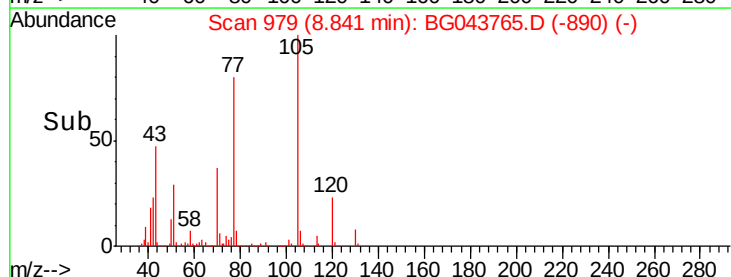
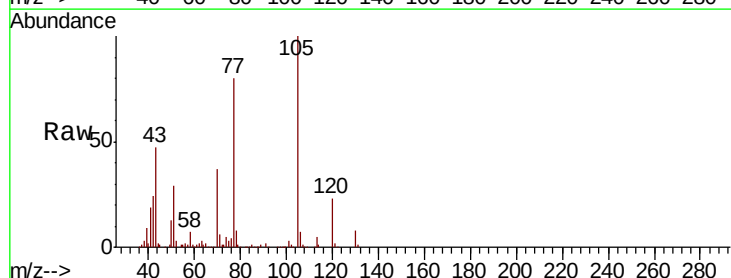
Manual Integrations
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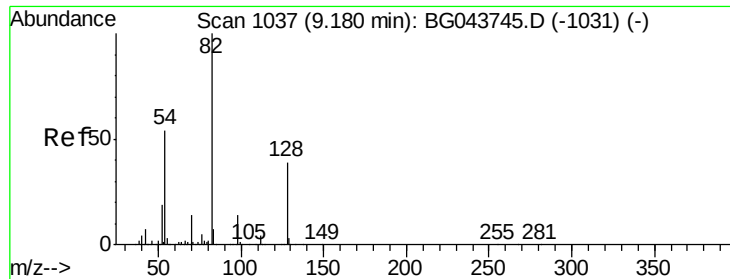
mohammad
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#22
Acetophenone
Concen: 42.655 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.00 min
Lab File: BG043765.D
Acq: 23 Nov 2019 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	217956		
71	5.9		6.3	9.5#
51	28.8		24.7	37.1
120	23.1		17.7	26.5





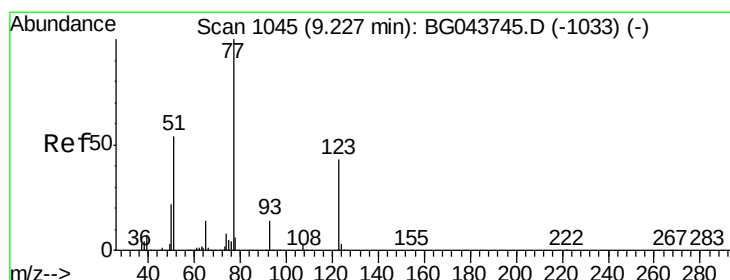
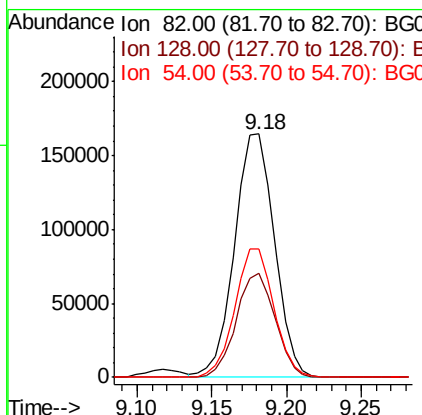
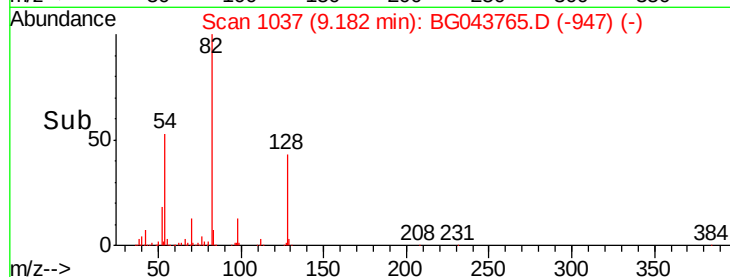
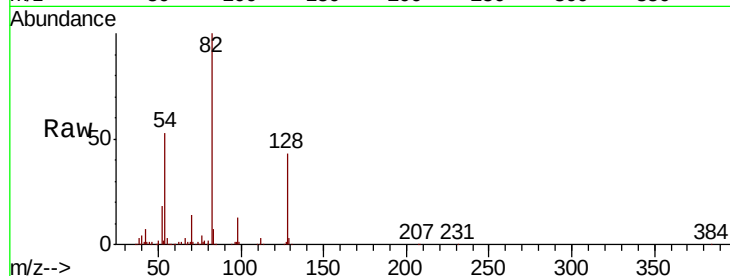
#23
 Nitrobenzene-d5
 Concen: 87.402 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: BG043765.D
 Acq: 23 Nov 2019 20:55

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-112019MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.5	31.3	46.9
54	52.9	42.7	64.1

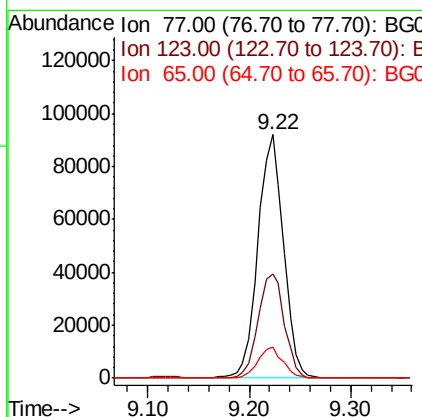
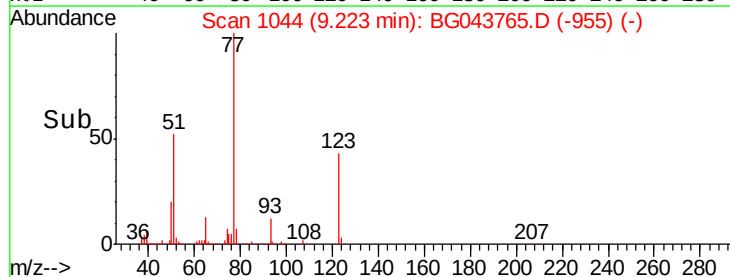
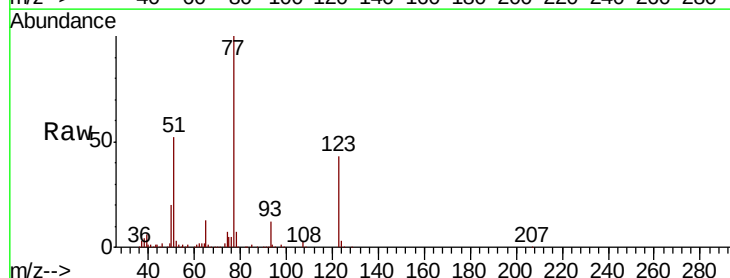
Manual Integrations
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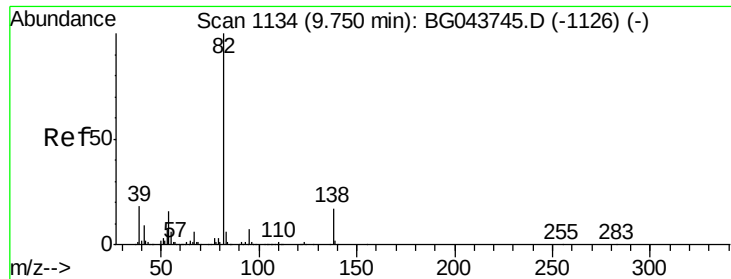
mohammad
 11/25/2019 2:33:48 PM



#24
 Nitrobenzene
 Concen: 44.728 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: BG043765.D
 Acq: 23 Nov 2019 20:55

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.0	34.7	52.1
65	12.9	11.0	16.6





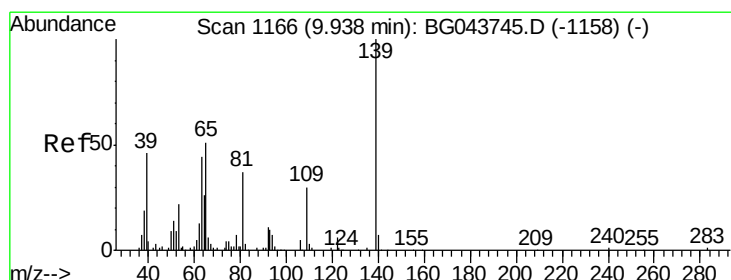
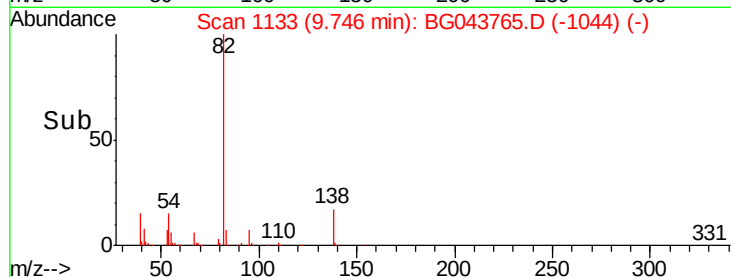
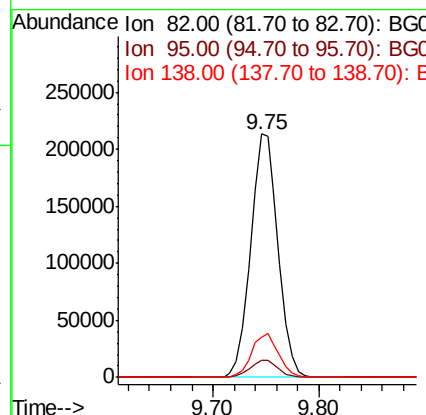
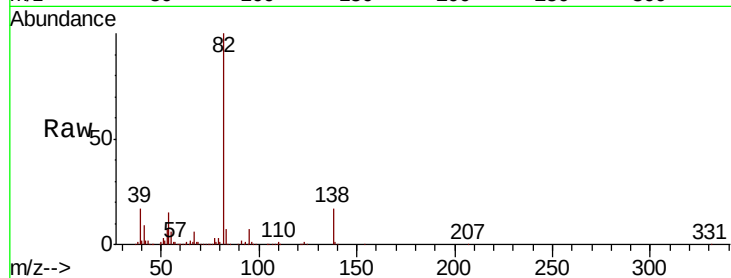
#25
Isophorone
Concen: 50.872 ng
RT: 9.75 min Scan# 1133
Delta R.T. -0.00 min
Lab File: BG043765.D
Acq: 23 Nov 2019 20:55

Instrument :
BNA_G
ClientSampleId :
SU-02-112019MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	6.8	5.9	8.9	
138	16.6	13.3	19.9	

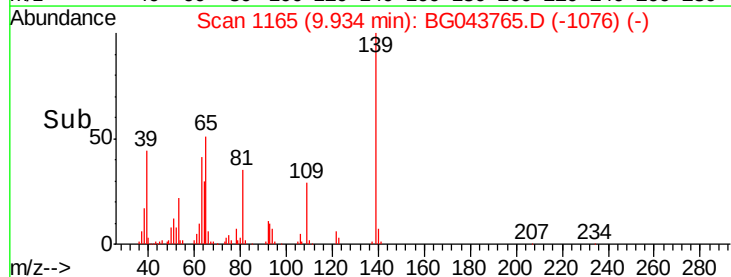
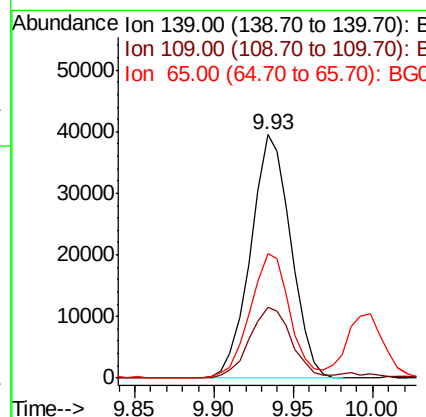
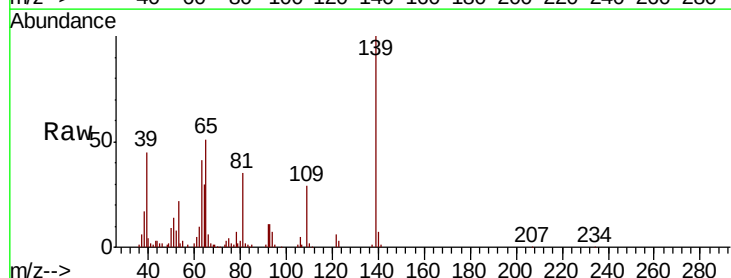
Manual Integrations
APPROVED

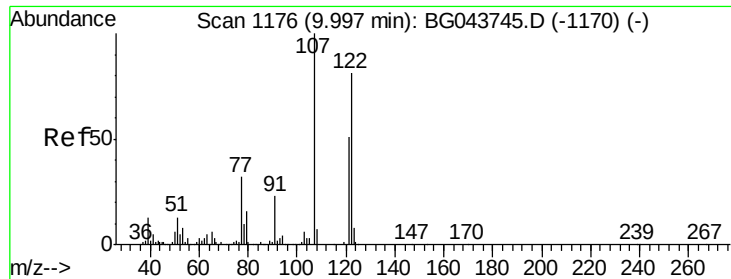
mohammad
11/25/2019 2:33:48 PM



#26
2-Nitrophenol
Concen: 53.296 ng
RT: 9.93 min Scan# 1165
Delta R.T. -0.00 min
Lab File: BG043765.D
Acq: 23 Nov 2019 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	29.0	24.1	36.1	
65	50.9	41.1	61.7	





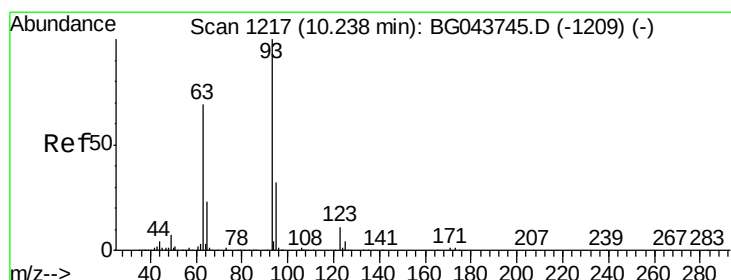
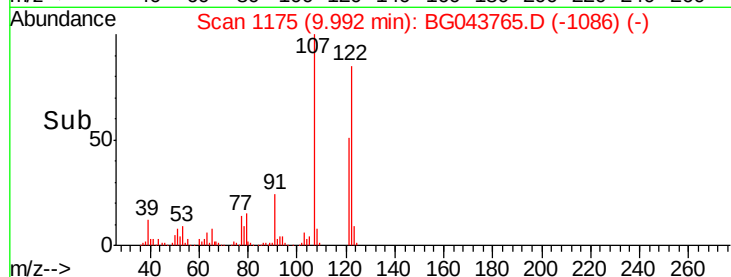
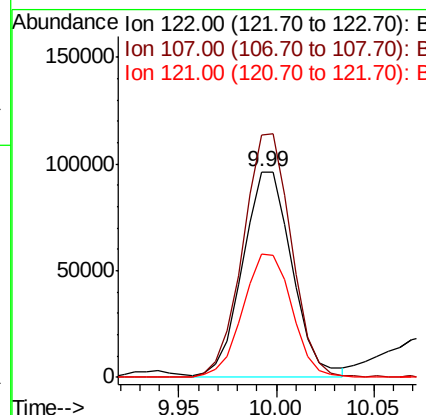
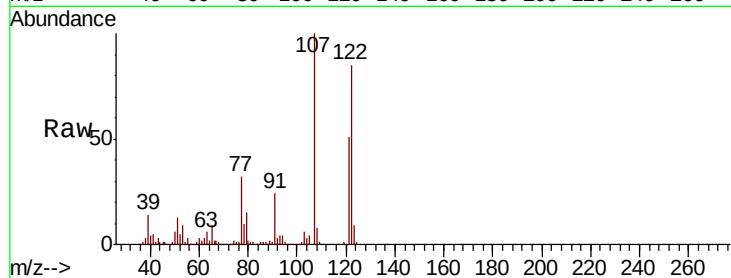
#27
2,4-Dimethylphenol
Concen: 66.044 ng
RT: 9.99 min Scan# 1175
Delta R.T. -0.00 min
Lab File: BG043765.D
Acq: 23 Nov 2019 20:55

Instrument :
BNA_G
ClientSampleId :
SU-02-112019MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.7	98.5	147.7
121	60.1	49.6	74.4

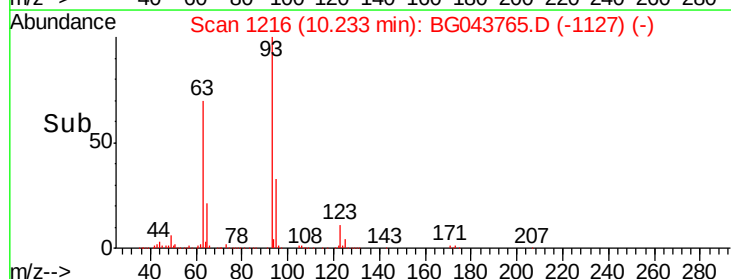
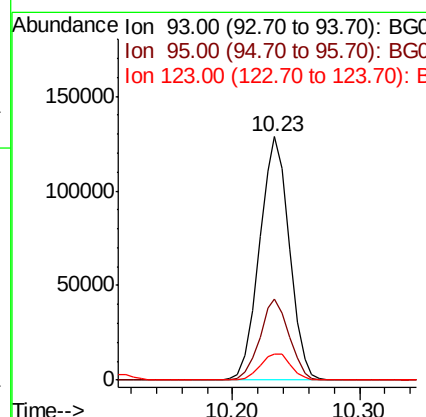
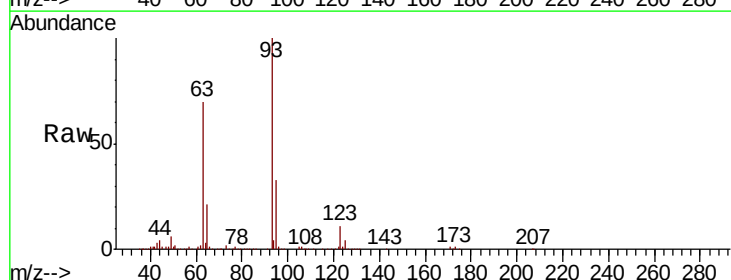
Manual Integrations
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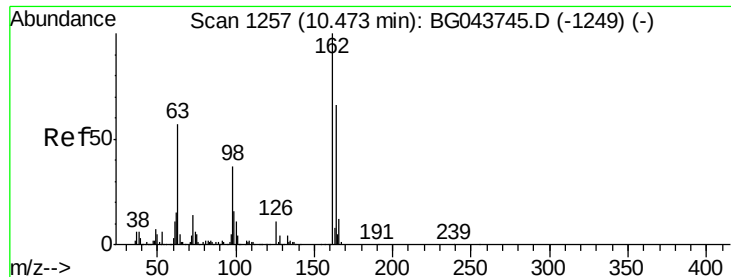
mohammad
11/25/2019 2:33:48 PM



#28
bis(2-Chloroethoxy)methane
Concen: 45.413 ng
RT: 10.23 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BG043765.D
Acq: 23 Nov 2019 20:55

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.0	39.0
123	10.8	8.7	13.1





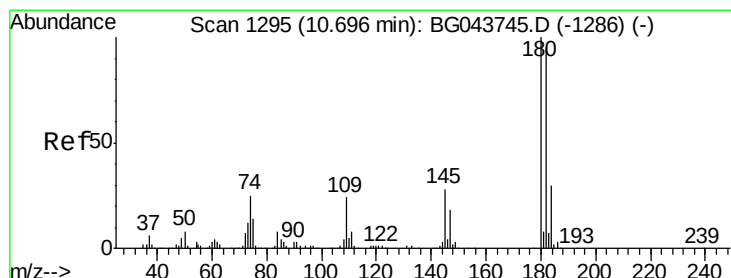
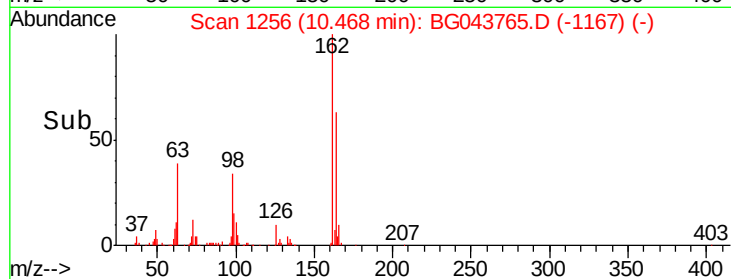
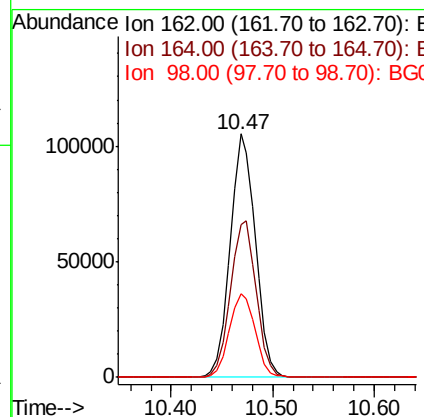
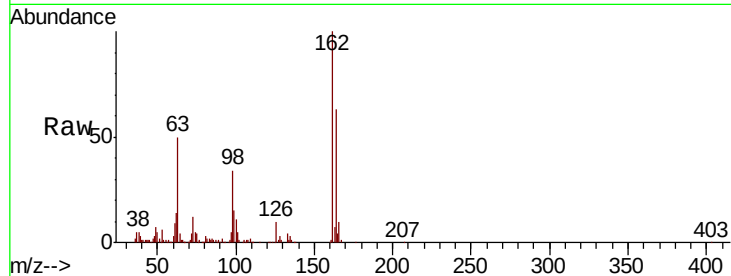
#29
2,4-Dichlorophenol
Concen: 58.364 ng
RT: 10.47 min Scan# 1256
Delta R.T. -0.00 min
Lab File: BG043765.D
Acq: 23 Nov 2019 20:55

Instrument :
BNA_G
ClientSampleId :
SU-02-112019MSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	62.7	46.4	86.4
98	34.2	17.3	57.3

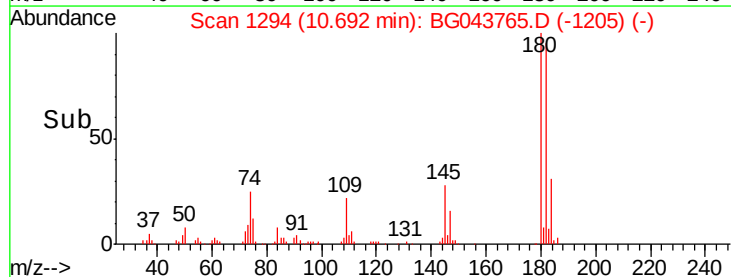
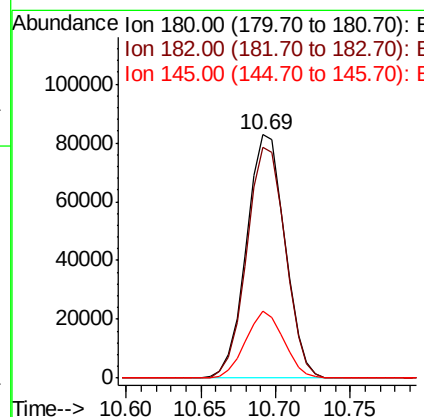
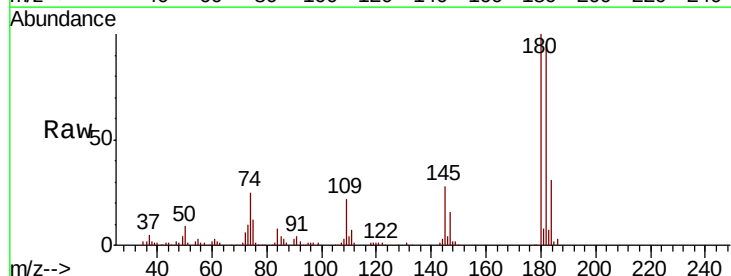
Manual Integrations
APPROVED

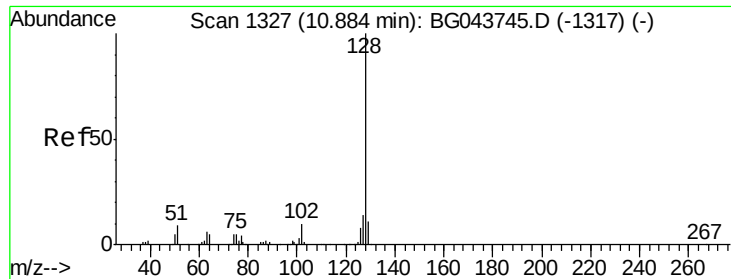
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 40.555 ng
RT: 10.69 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BG043765.D
Acq: 23 Nov 2019 20:55

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.6	75.8	113.6
145	27.5	22.5	33.7





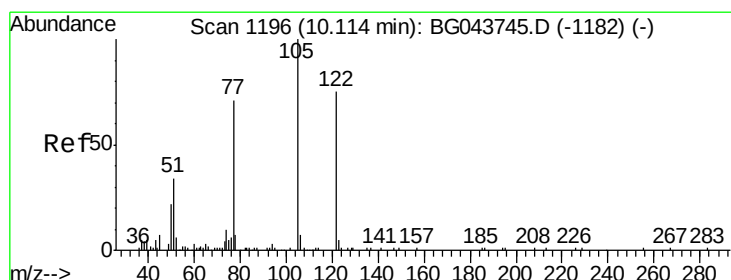
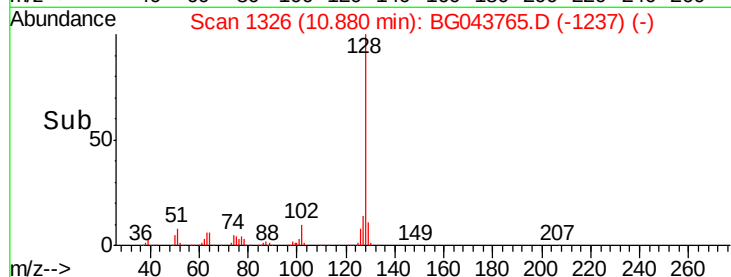
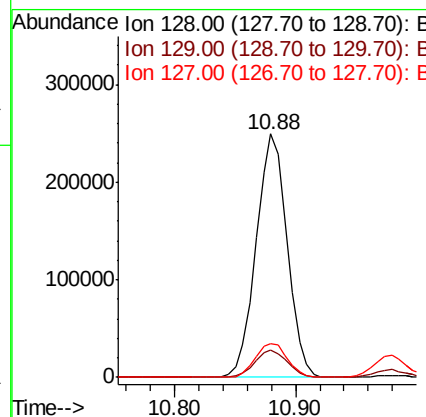
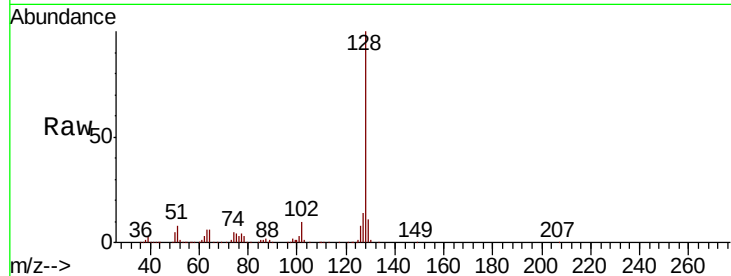
#31
Naphthalene
Concen: 46.477 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG043765.D
Acq: 23 Nov 2019 20:55

Instrument :
BNA_G
ClientSampleId :
SU-02-112019MSD

Tot Ion:	128	Resp:	444482
Ion Ratio	Lower	Upper	
128	100		
129	11.0	9.1	13.7
127	13.9	11.4	17.0

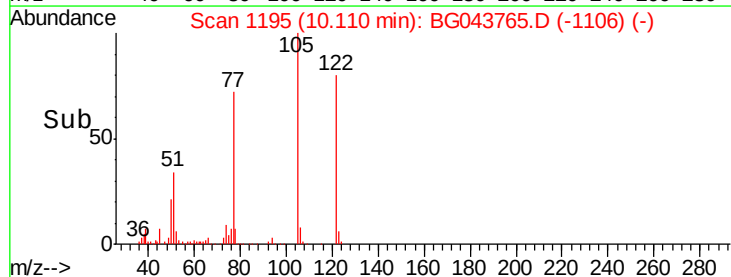
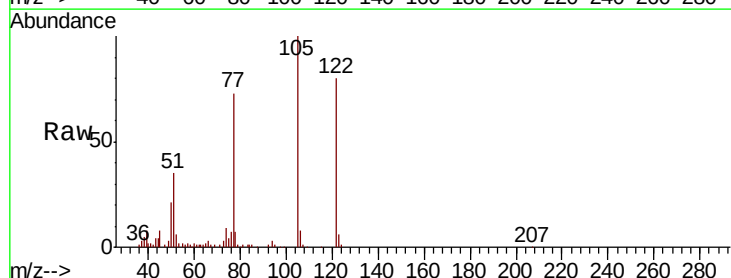
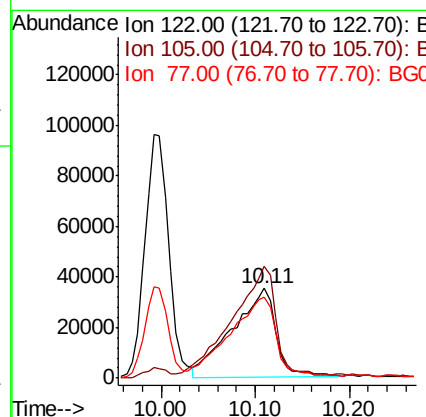
Manual Integrations
APPROVED

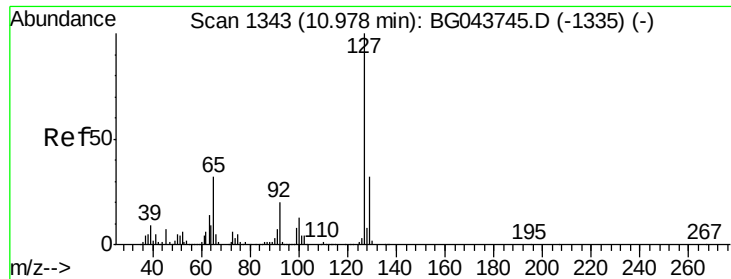
mohammad
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#32
Benzoic acid
Concen: 61.062 ng
RT: 10.11 min Scan# 1195
Delta R.T. -0.00 min
Lab File: BG043765.D
Acq: 23 Nov 2019 20:55

Tgt Ion:	122	Resp:	112435
Ion Ratio	Lower	Upper	
122	100		
105	124.6	109.3	149.3
77	90.4	76.1	116.1





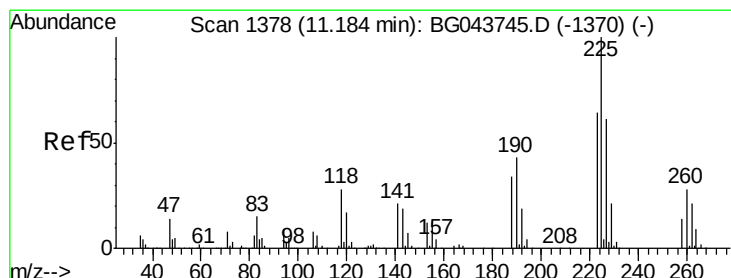
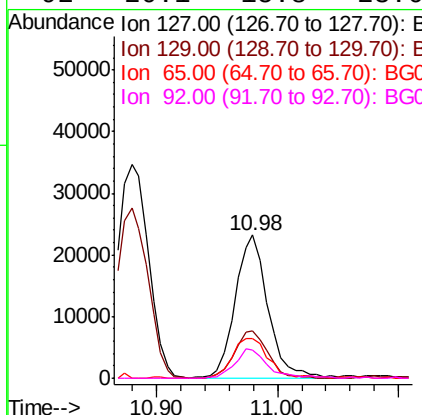
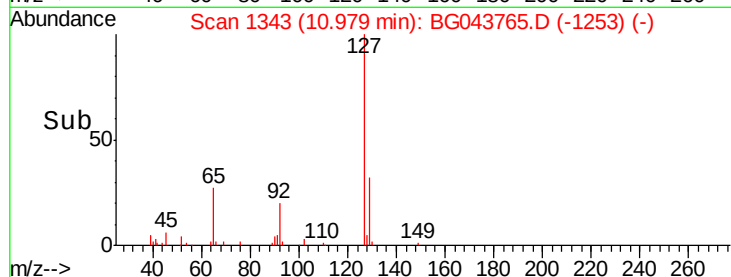
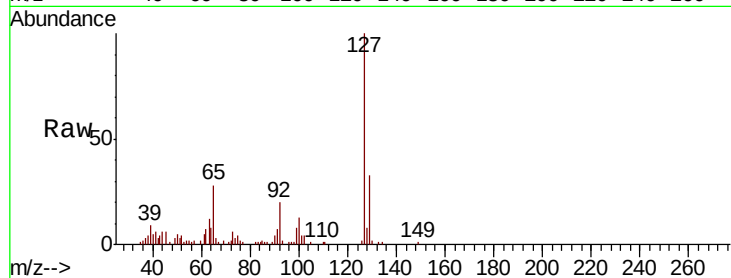
#33
4-Chloroaniline
Concen: 9.521 ng
RT: 10.98 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BG043765.D
Acq: 23 Nov 2019 20:55

Instrument :
BNA_G
ClientSampleId :
SU-02-112019MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.3	25.9	38.9
65	27.5	25.8	38.8
92	20.1	15.8	23.6

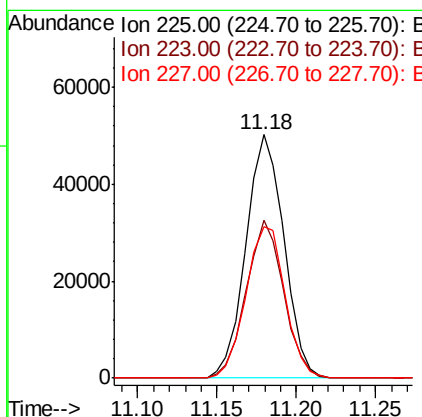
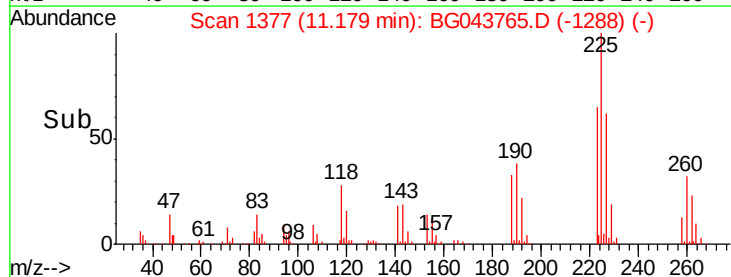
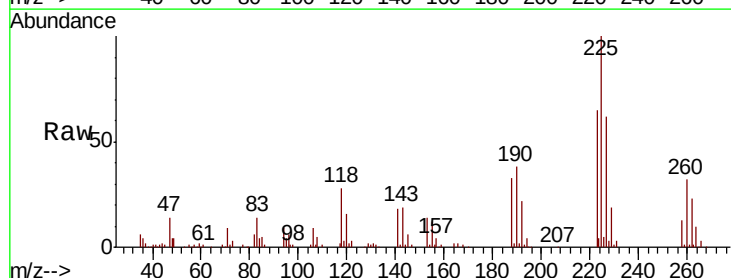
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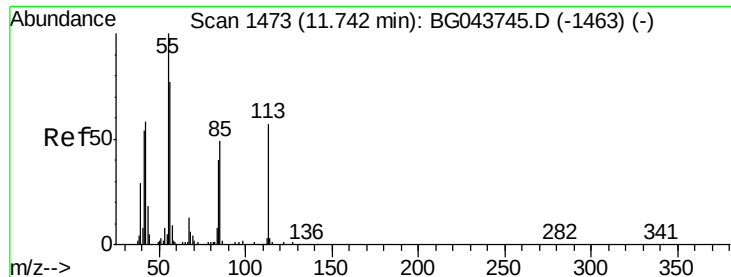
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#34
Hexachlorobutadiene
Concen: 35.063 ng
RT: 11.18 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BG043765.D
Acq: 23 Nov 2019 20:55

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.7	51.2	76.8
227	65.2	51.0	76.4





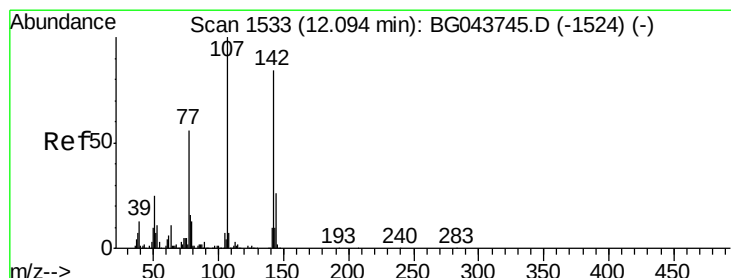
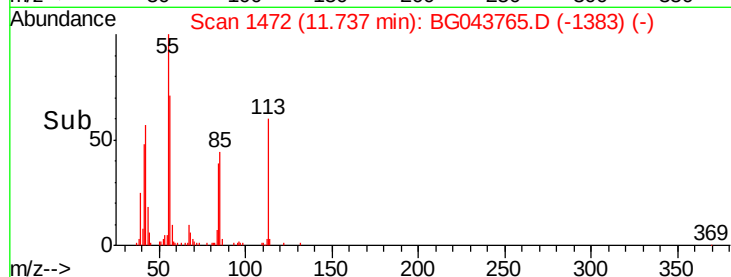
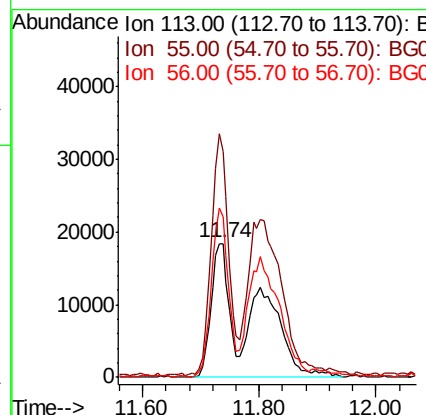
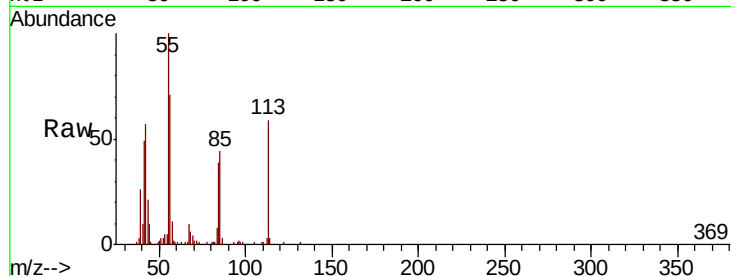
#35
 Caprolactam
 Concen: 68.881 ng/ml
 RT: 11.74 min Scan# 1472
 Delta R.T. -0.00 min
 Lab File: BG043765.D
 Acq: 23 Nov 2019 20:55

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-112019MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	168.5	160.9	200.9
56	119.7	116.8	156.8

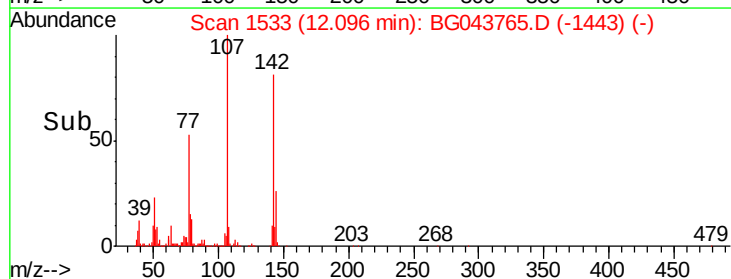
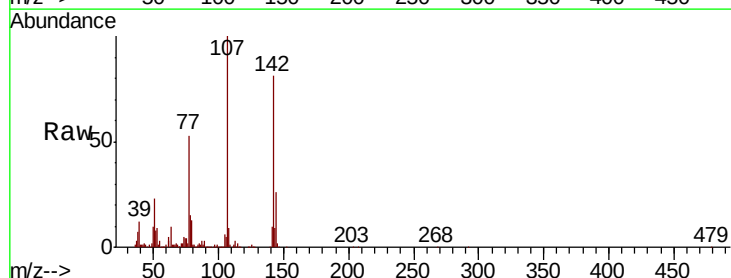
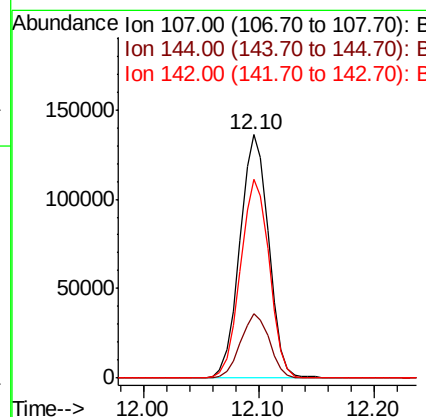
Manual Integrations
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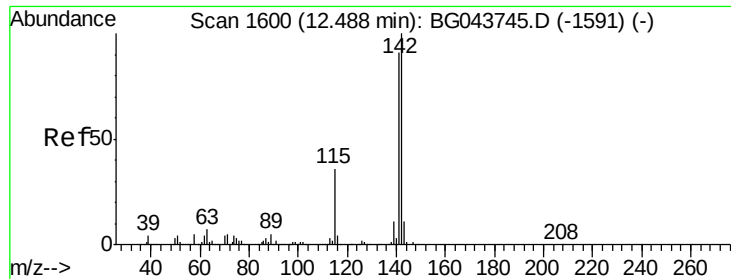
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 67.195 ng/ml
 RT: 12.10 min Scan# 1533
 Delta R.T. 0.00 min
 Lab File: BG043765.D
 Acq: 23 Nov 2019 20:55

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.4	21.0	31.4
142	81.4	67.0	100.4





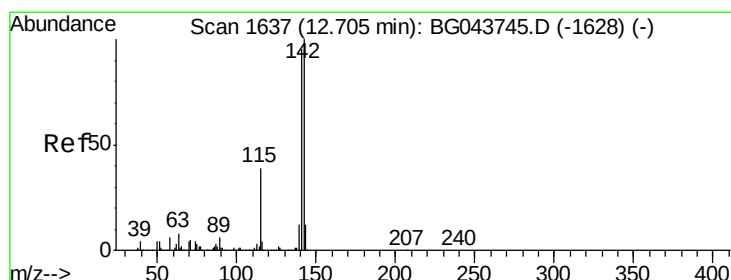
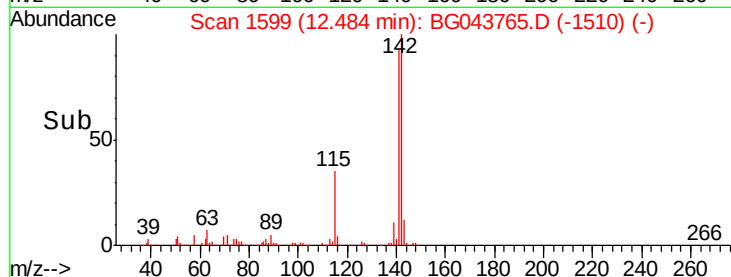
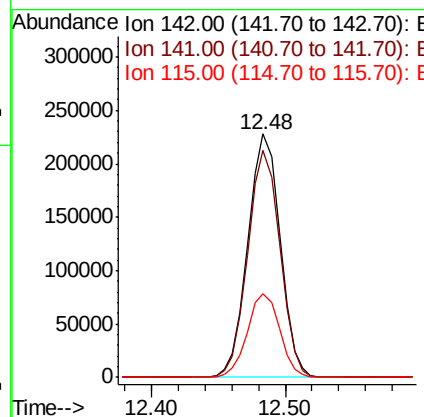
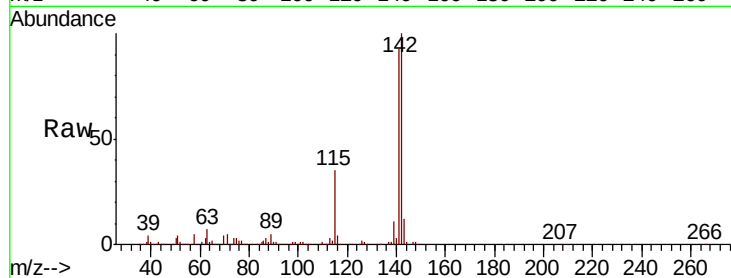
#37
2-Methylnaphthalene
Concen: 52.664 ng
RT: 12.48 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BG043765.D
Acq: 23 Nov 2019 20:55

Instrument :
BNA_G
ClientSampleId :
SU-02-112019MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.4	72.8	109.2
115	34.5	28.9	43.3

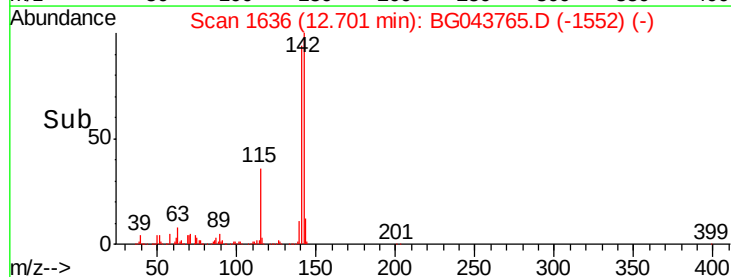
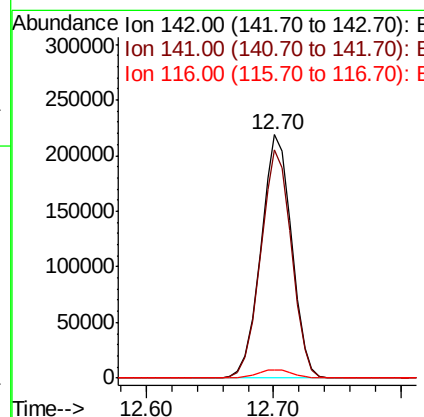
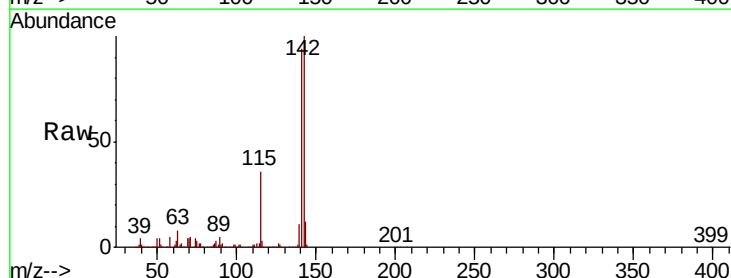
Manual Integrations
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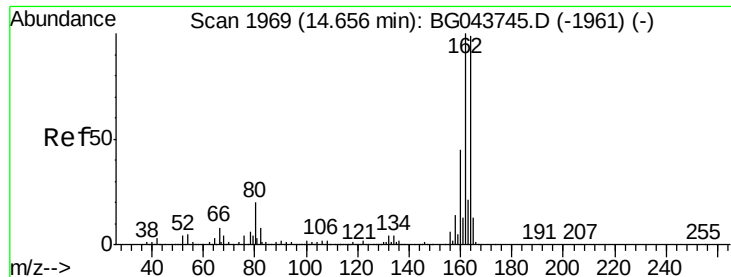
mohammad
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#38
1-Methylnaphthalene
Concen: 53.868 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BG043765.D
Acq: 23 Nov 2019 20:55

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.7	75.8	113.8
116	3.4	3.4	5.0





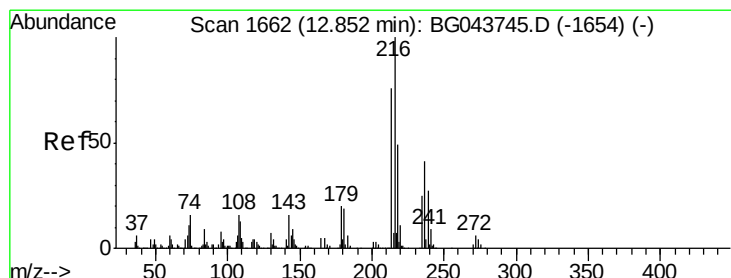
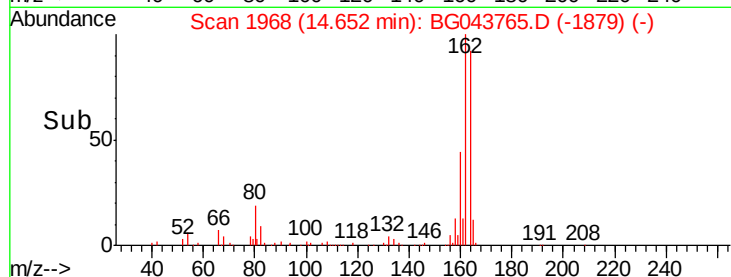
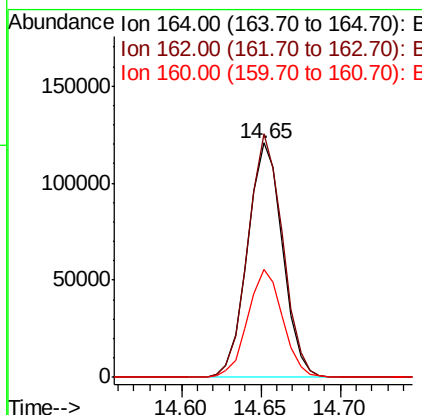
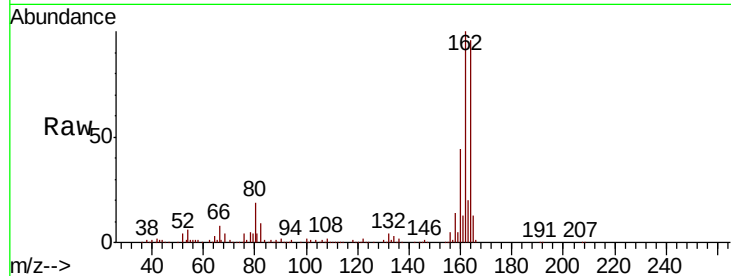
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: BG043765.D
 Acq: 23 Nov 2019 20:55

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-112019MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.9	80.6	121.0
160	46.1	36.3	54.5

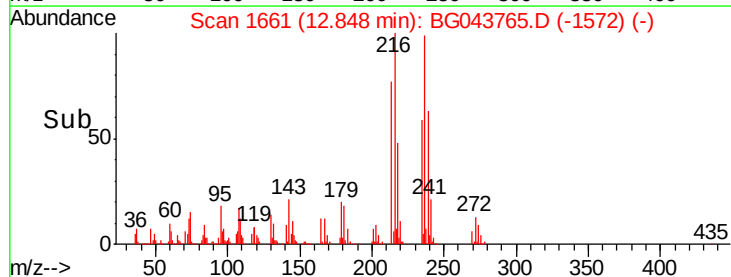
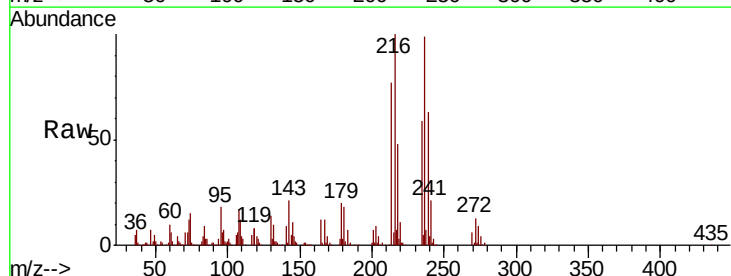
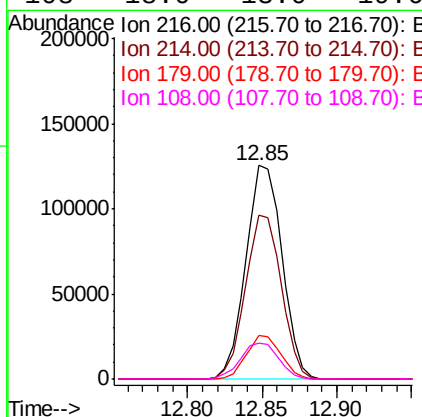
Manual Integrations
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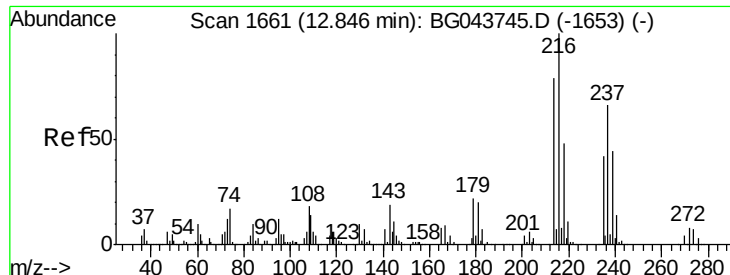
mohammad
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.562 ng
 RT: 12.85 min Scan# 1661
 Delta R.T. -0.00 min
 Lab File: BG043765.D
 Acq: 23 Nov 2019 20:55

Tgt Ion	Ratio	Lower	Upper
216	100		
214	76.2	62.0	93.0
179	19.5	16.3	24.5
108	18.0	13.0	19.6





#41

Hexachlorocyclopentadiene

Concen: 70.488 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.00 min

Lab File: BG043765.D

Acq: 23 Nov 2019 20:55

Instrument :

BNA_G

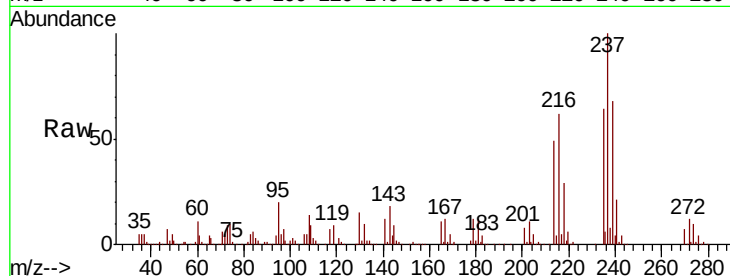
ClientSampleId :

SU-02-112019MSD

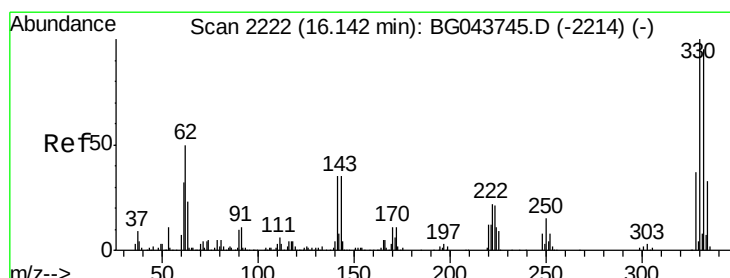
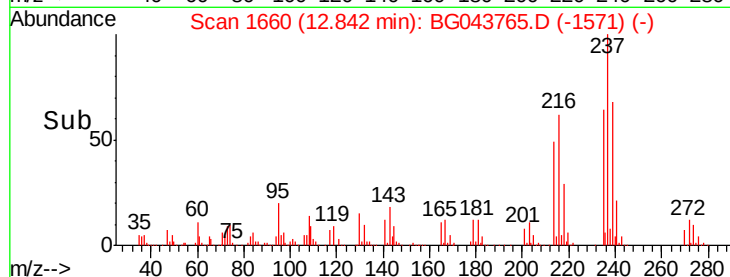
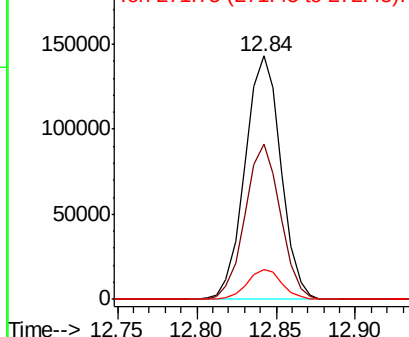
Tot Ion:	237	Resp:	224957
Ion Ratio	Lower	Upper	
237	100		
235	63.8	43.8	83.8
272	12.0	0.0	31.8

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



#42

2,4,6-Tribromophenol

Concen: 157.981 ng

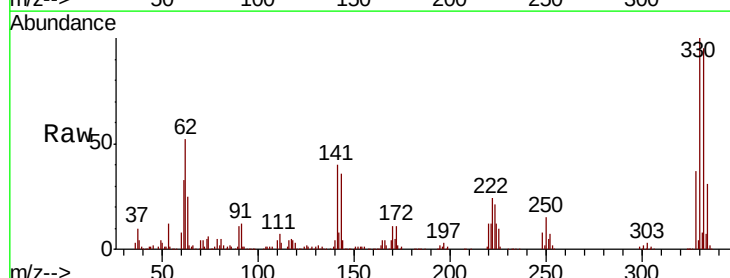
RT: 16.14 min Scan# 2221

Delta R.T. -0.00 min

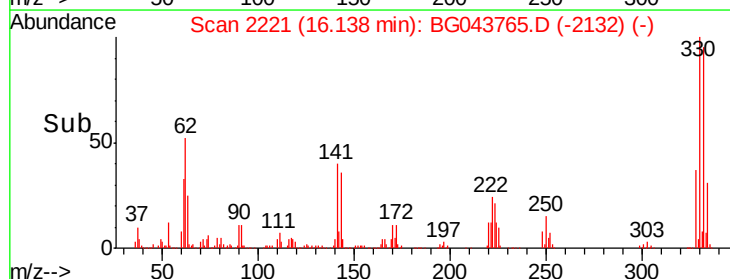
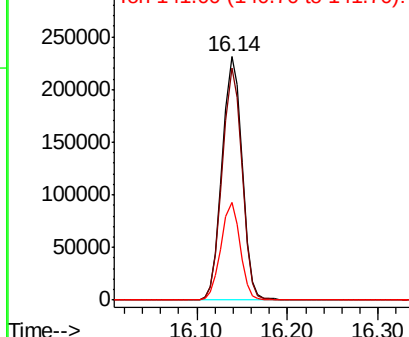
Lab File: BG043765.D

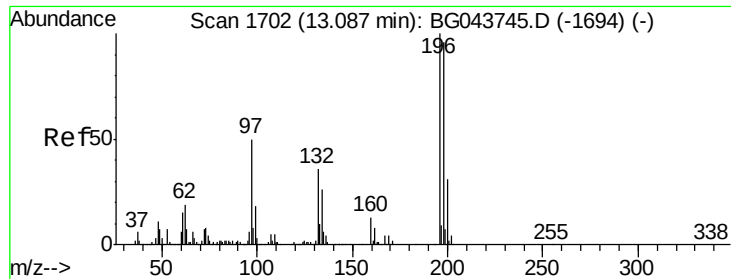
Acq: 23 Nov 2019 20:55

Tgt Ion:	330	Resp:	353732
Ion Ratio	Lower	Upper	
330	100		
332	94.5	77.3	115.9
141	38.5	31.4	47.2



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





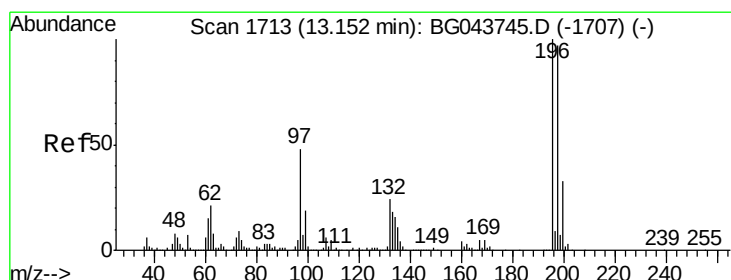
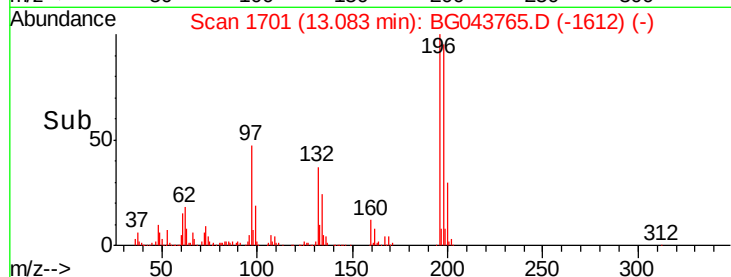
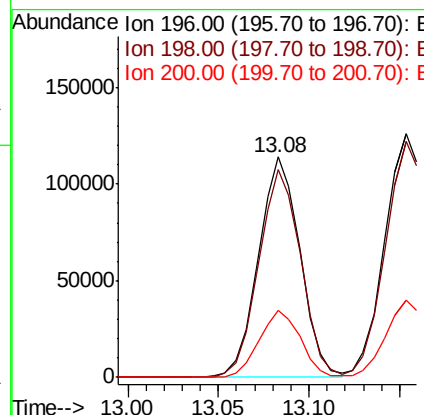
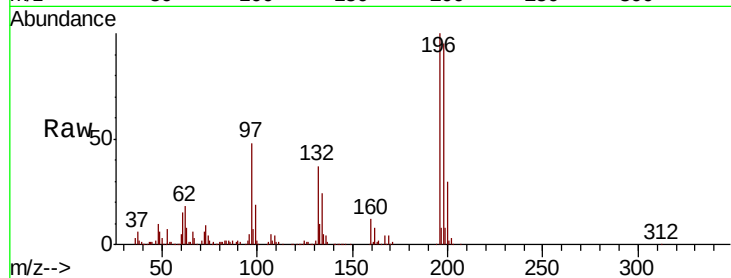
#43
 2,4,6-Trichlorophenol
 Concen: 47.694 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. -0.00 min
 Lab File: BG043765.D
 Acq: 23 Nov 2019 20:55

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-112019MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	181192		
198	94.5	76.5	114.7	
200	30.3	24.6	36.8	

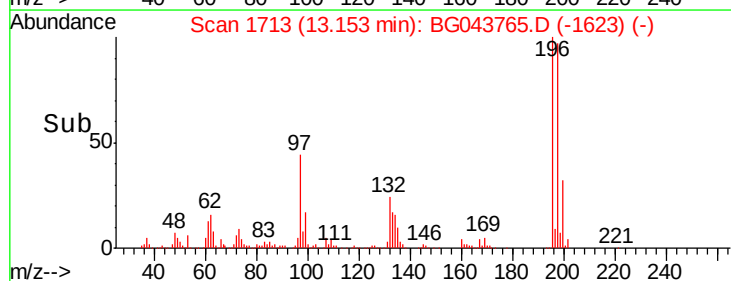
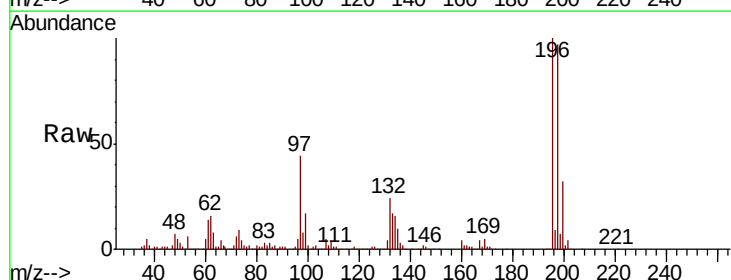
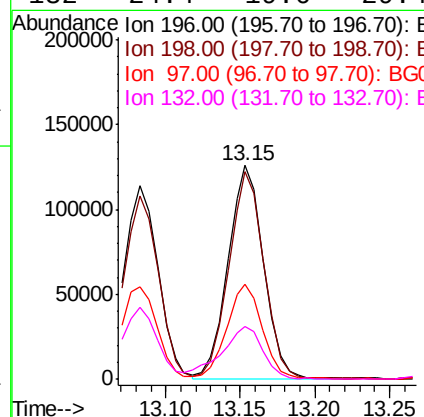
Manual Integrations
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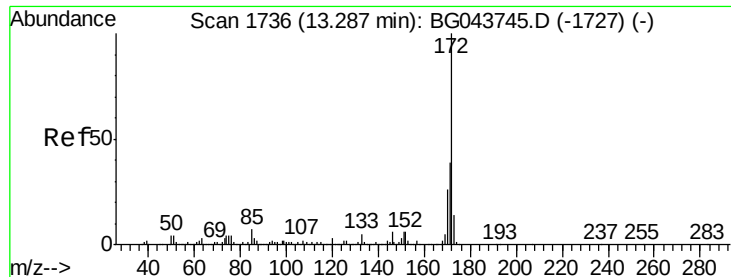
mohammad
 11/25/2019 2:33:48 PM



#44
 2,4,5-Trichlorophenol
 Concen: 52.738 ng
 RT: 13.15 min Scan# 1713
 Delta R.T. 0.00 min
 Lab File: BG043765.D
 Acq: 23 Nov 2019 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	208433		
198	97.1	78.2	117.2	
97	44.3	39.1	58.7	
132	24.4	19.6	29.4	





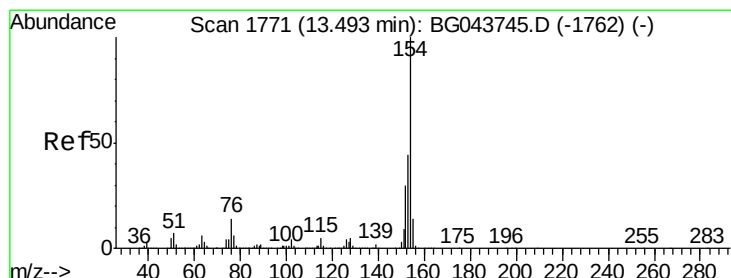
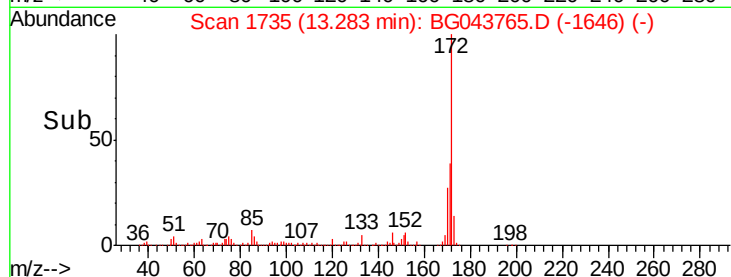
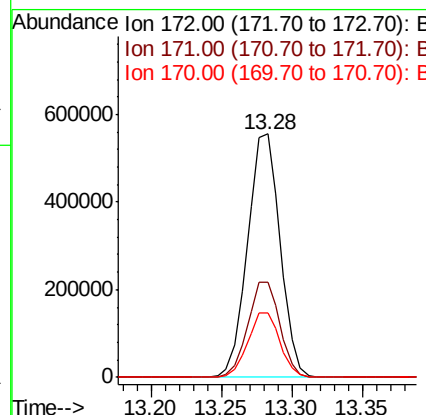
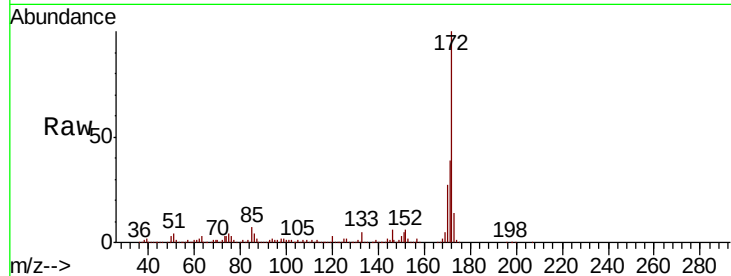
#45
2-Fluorobiphenyl
Concen: 79.644 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BG043765.D
Acq: 23 Nov 2019 20:55

Instrument :
BNA_G
ClientSampleId :
SU-02-112019MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.1	31.0	46.6
170	26.7	21.0	31.4

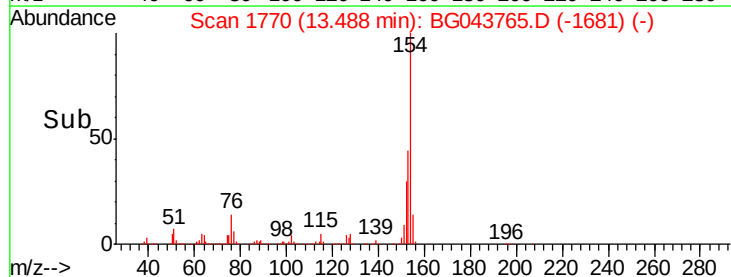
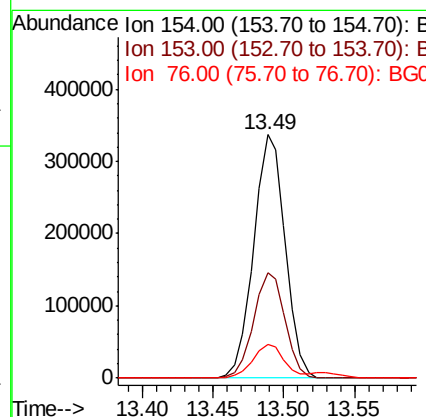
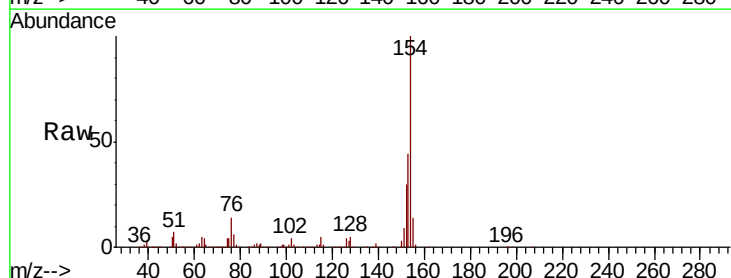
Manual Integrations
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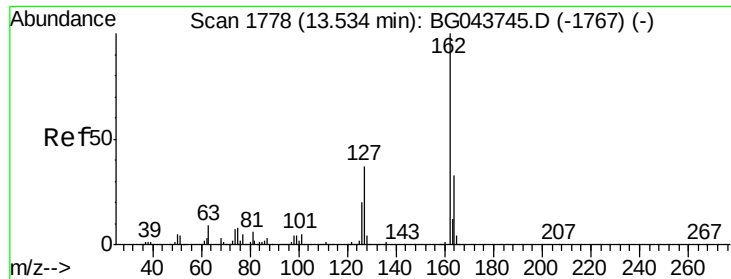
mohammad
11/25/2019 2:33:48 PM



#46
1,1'-Biphenyl
Concen: 41.025 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.00 min
Lab File: BG043765.D
Acq: 23 Nov 2019 20:55

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.5	23.5	63.5
76	13.8	0.0	33.6





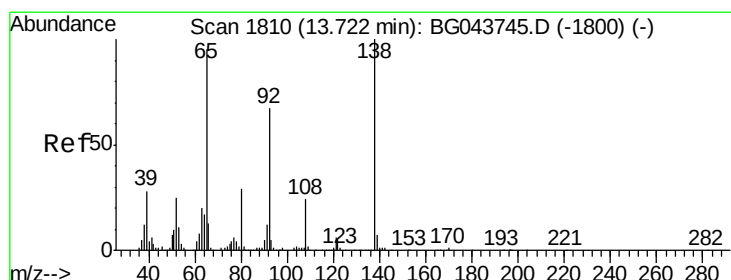
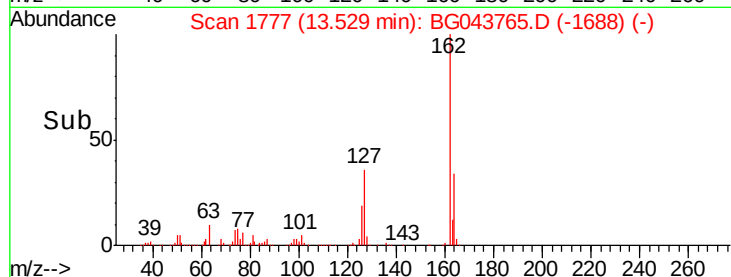
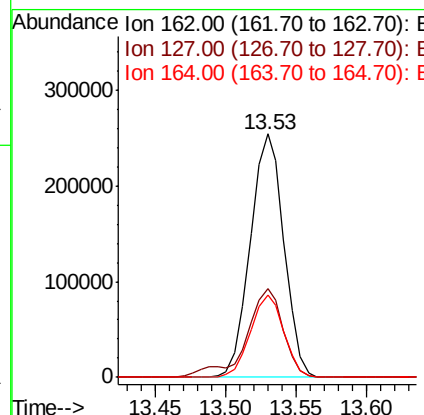
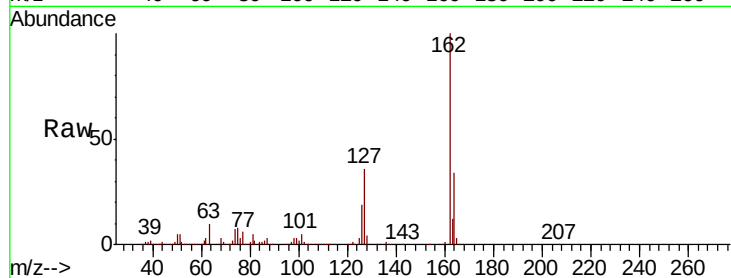
#47
 2-Chloronaphthalene
 Concen: 40.382 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: BG043765.D
 Acq: 23 Nov 2019 20:55

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-112019MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	423753		
127	36.4	30.0	45.0	
164	34.0	26.4	39.6	

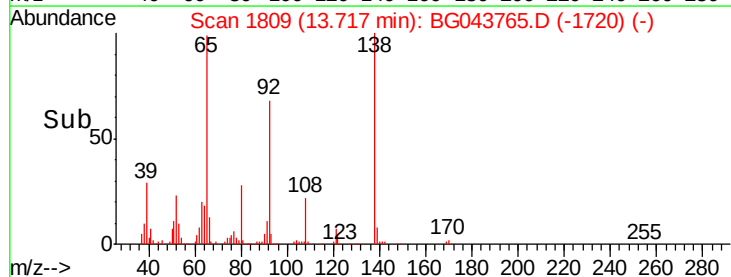
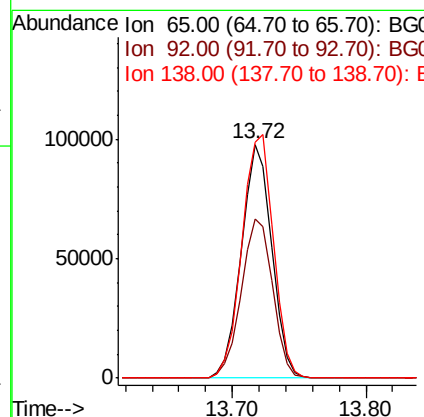
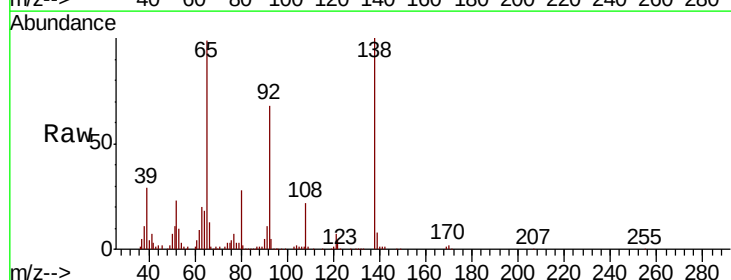
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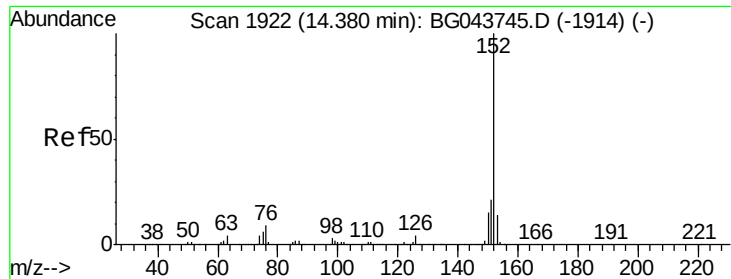
mohammad
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#48
 2-Nitroaniline
 Concen: 50.217 ng
 RT: 13.72 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: BG043765.D
 Acq: 23 Nov 2019 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	154273		
92	68.2	56.1	84.1	
138	101.1	84.2	126.4	





#49

Acenaphthylene

Concen: 46.535 ng

RT: 14.38 min Scan# 1921

Delta R.T. -0.00 min

Lab File: BG043765.D

Acq: 23 Nov 2019 20:55

Instrument :

BNA_G

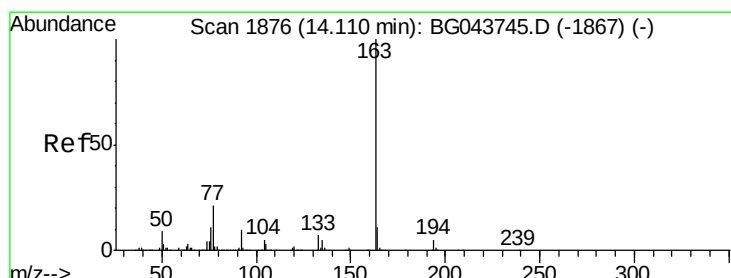
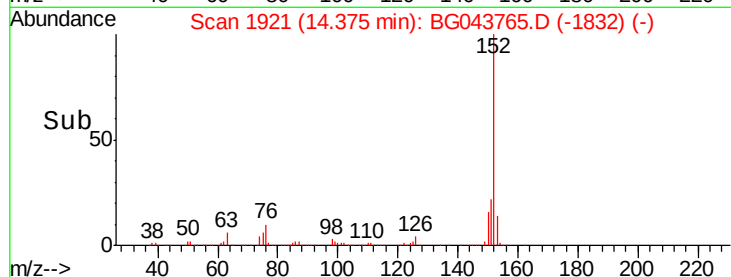
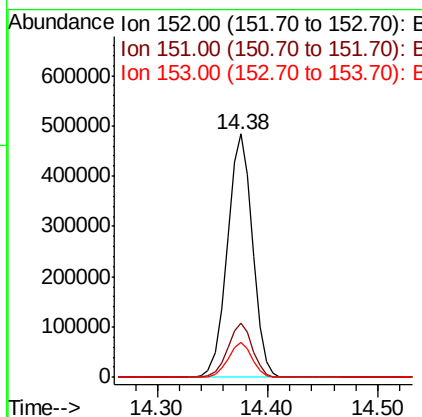
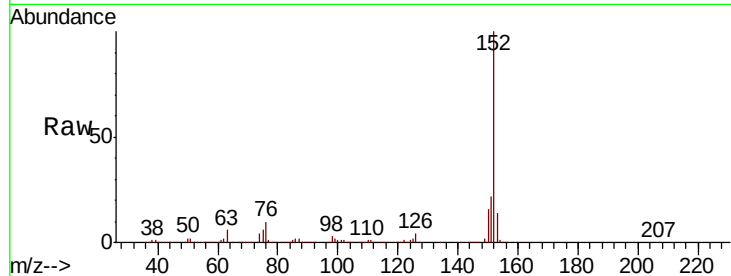
ClientSampleId :

SU-02-112019MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		768291		
151	22.4	17.0	25.6		
153	14.2	10.8	16.2		

Manual Integrations
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#50

Dimethylphthalate

Concen: 48.580 ng

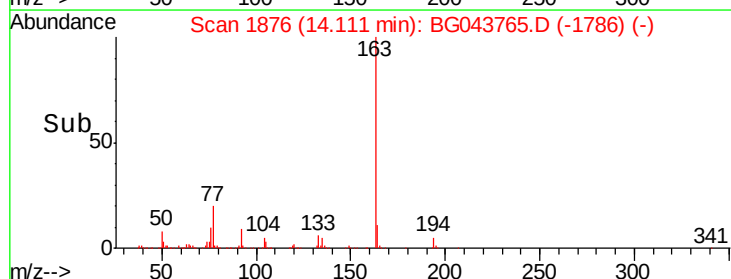
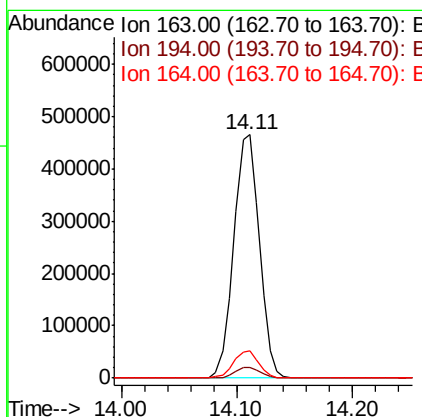
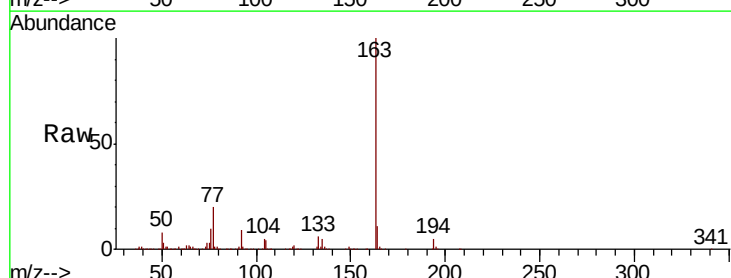
RT: 14.11 min Scan# 1876

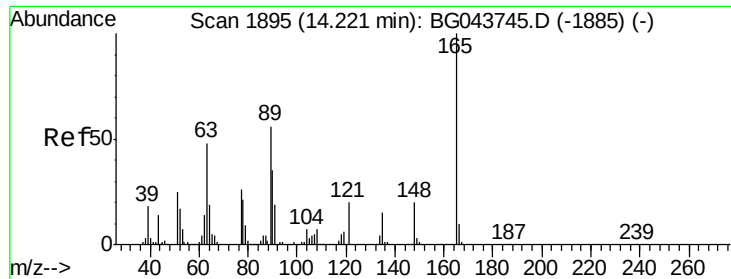
Delta R.T. 0.00 min

Lab File: BG043765.D

Acq: 23 Nov 2019 20:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		714396		
194	4.6	3.7	5.5		
164	11.5	8.7	13.1		





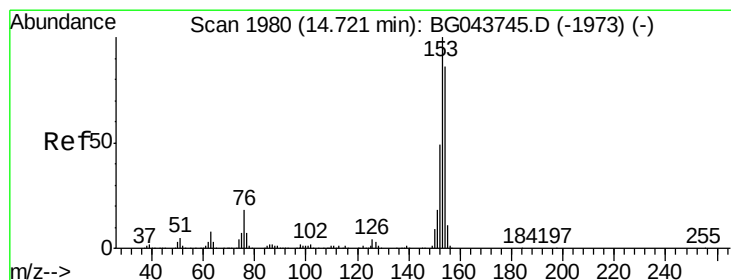
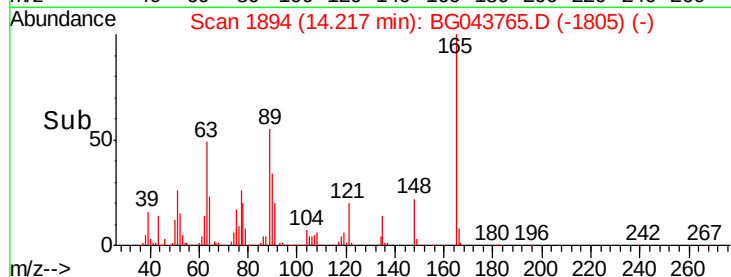
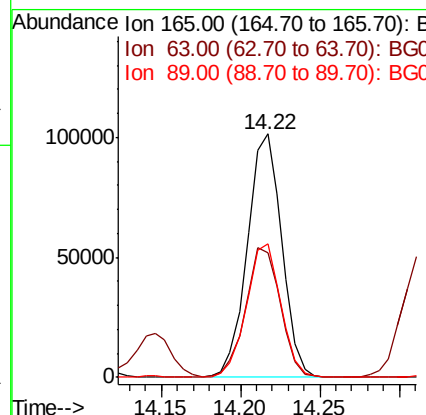
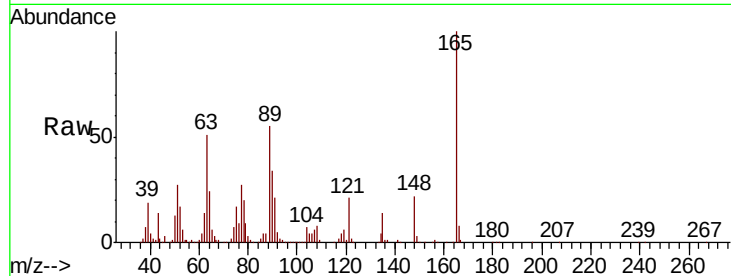
#51
 2,6-Dinitrotoluene
 Concen: 55.948 ng
 RT: 14.22 min Scan# 1894
 Delta R.T. -0.00 min
 Lab File: BG043765.D
 Acq: 23 Nov 2019 20:55

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-112019MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		152790		
63	51.3	43.4	65.2		
89	54.7	44.6	67.0		

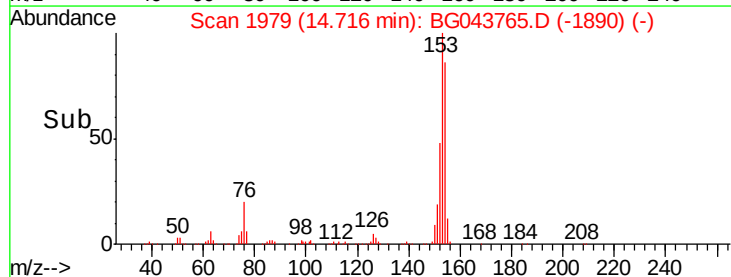
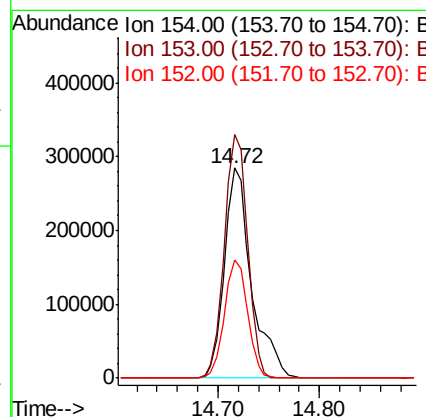
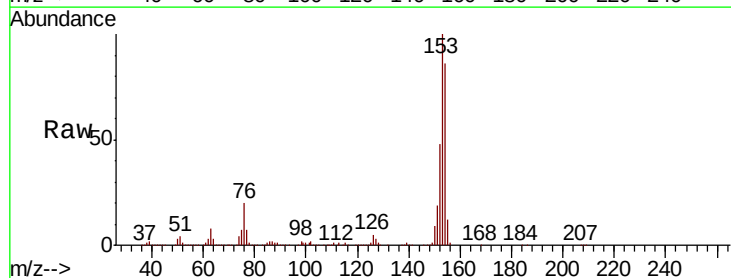
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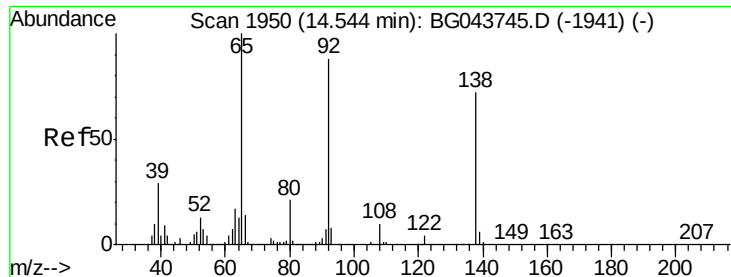
mohammad
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#52
 Acenaphthene
 Concen: 50.131 ng
 RT: 14.72 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: BG043765.D
 Acq: 23 Nov 2019 20:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
154	100		529296		
153	116.1	92.9	139.3		
152	56.2	45.2	67.8		





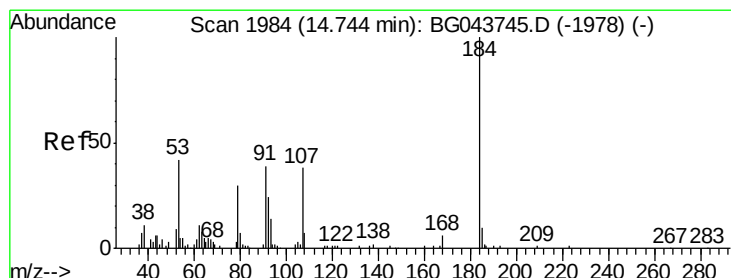
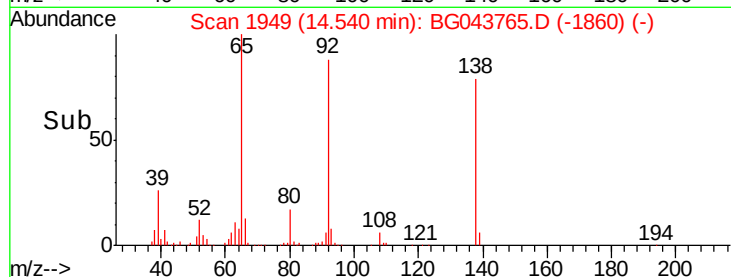
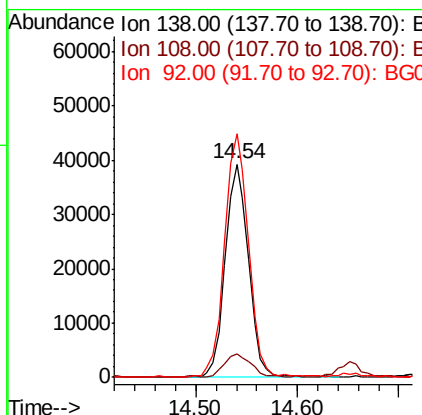
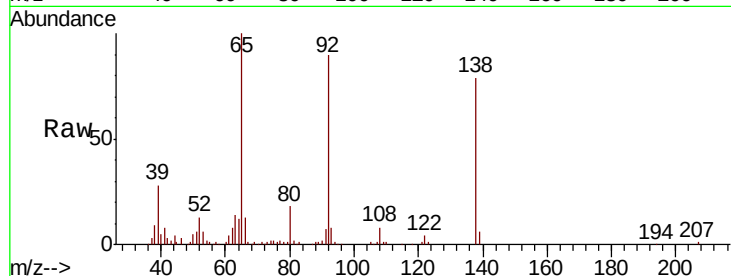
#53
3-Nitroaniline
Concen: 19.550 ng
RT: 14.54 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BG043765.D
Acq: 23 Nov 2019 20:55

Instrument :
BNA_G
ClientSampleId :
SU-02-112019MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.8	11.7	17.5#
92	114.3	97.2	145.8

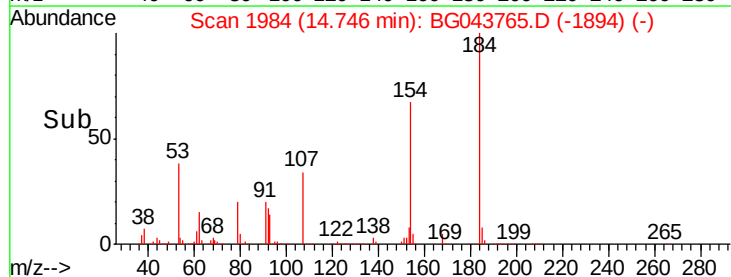
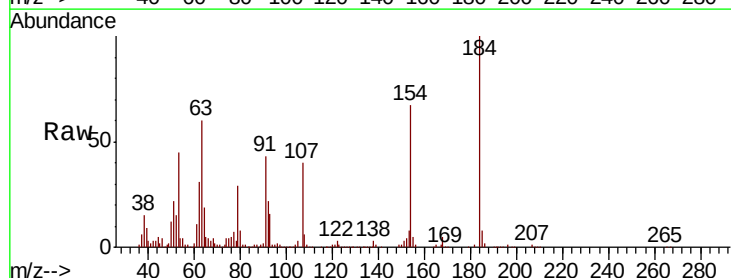
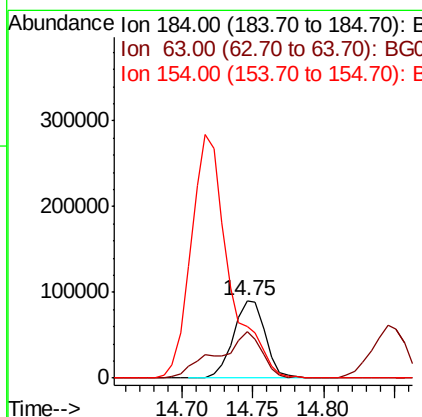
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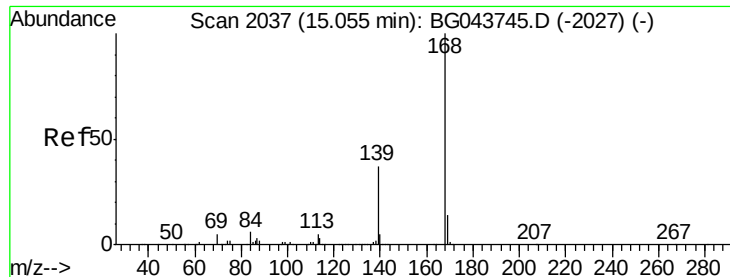
mohammad
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#54
2,4-Dinitrophenol
Concen: 127.303 ng
RT: 14.75 min Scan# 1984
Delta R.T. 0.00 min
Lab File: BG043765.D
Acq: 23 Nov 2019 20:55

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.9	52.4	78.6
154	66.8	92.8	139.2#





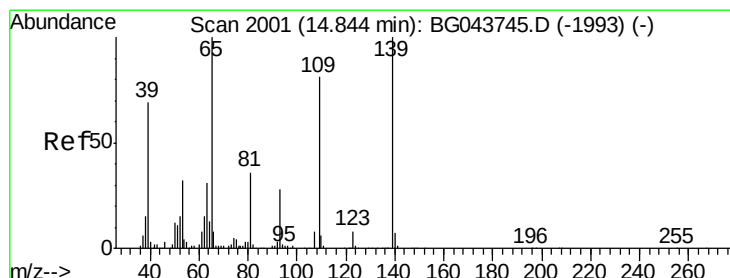
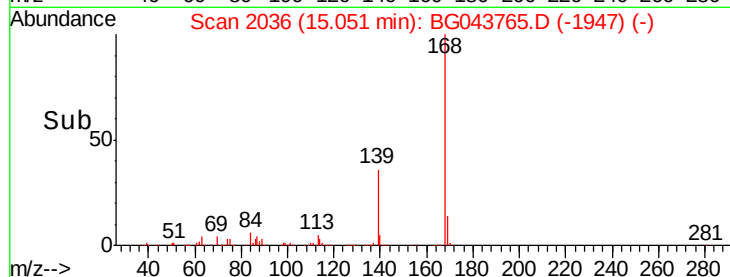
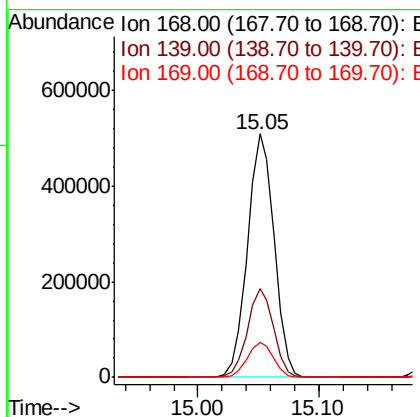
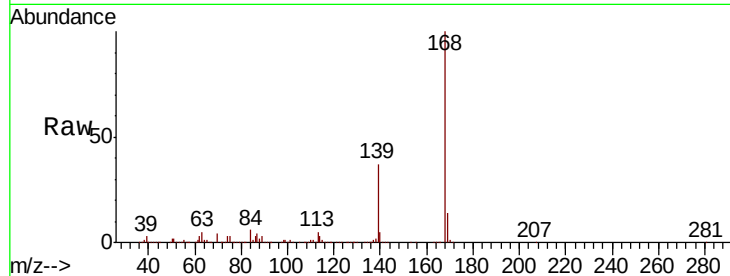
#55
Dibenzenofuran
Concen: 47.641 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG043765.D
Acq: 23 Nov 2019 20:55

Instrument :
BNA_G
ClientSampleId :
SU-02-112019MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.6	29.4	44.2
169	14.3	11.3	16.9

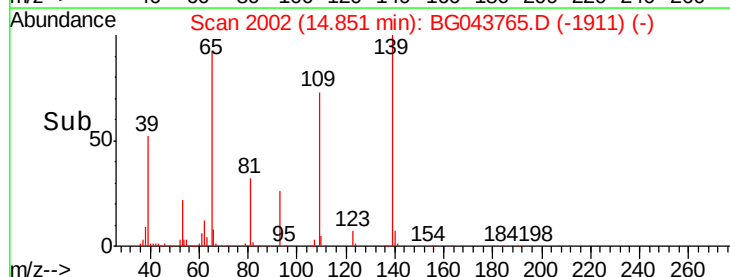
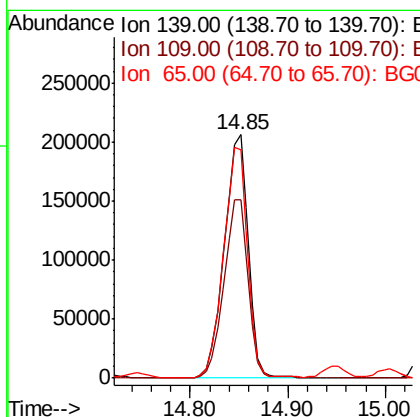
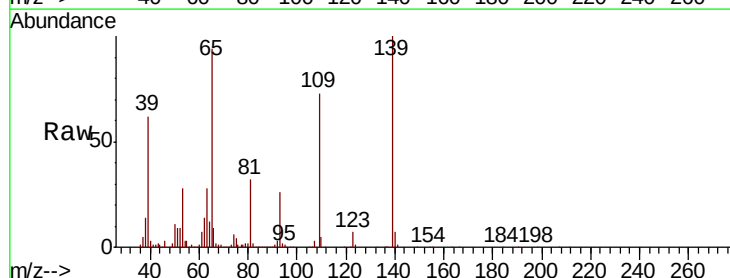
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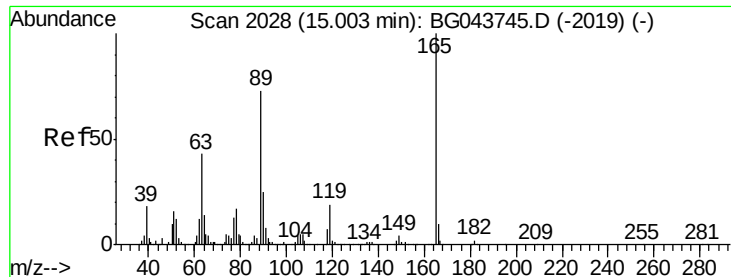
mohammad
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#56
4-Nitrophenol
Concen: 130.055 ng
RT: 14.85 min Scan# 2002
Delta R.T. 0.01 min
Lab File: BG043765.D
Acq: 23 Nov 2019 20:55

Tgt Ion	Ratio	Lower	Upper
139	100		
109	73.3	61.4	101.4
65	93.8	80.3	120.3





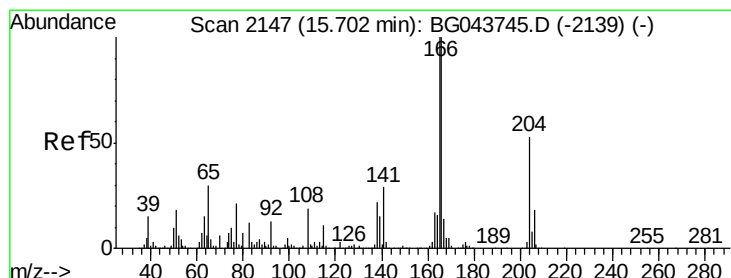
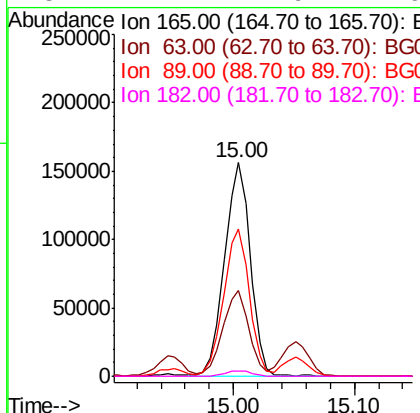
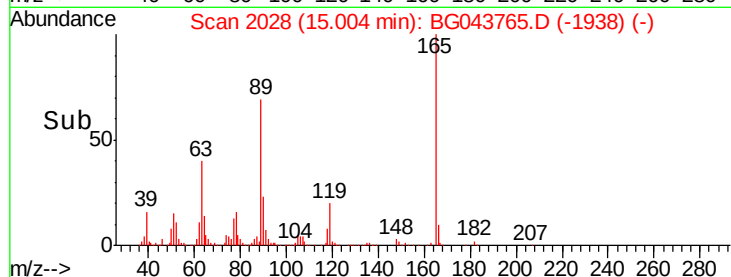
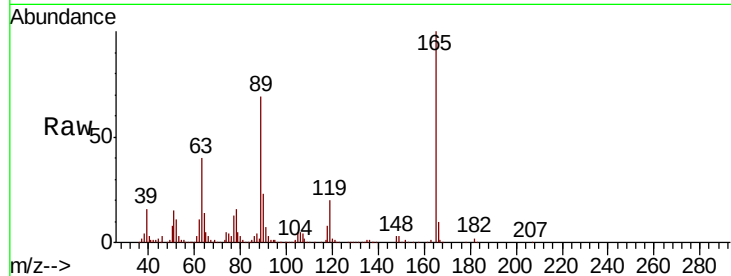
#57
2,4-Dinitrotoluene
Concen: 61.102 ng
RT: 15.00 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BG043765.D
Acq: 23 Nov 2019 20:55

Instrument :
BNA_G
ClientSampleId :
SU-02-112019MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	231412		
63	40.1	34.6	51.8	
89	69.0	58.3	87.5	
182	2.4	1.9	2.9	

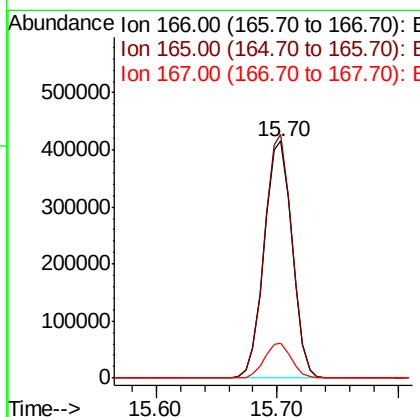
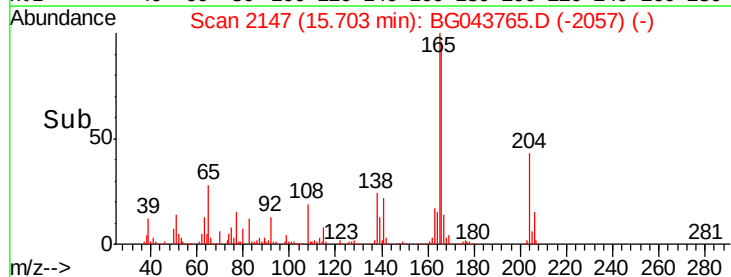
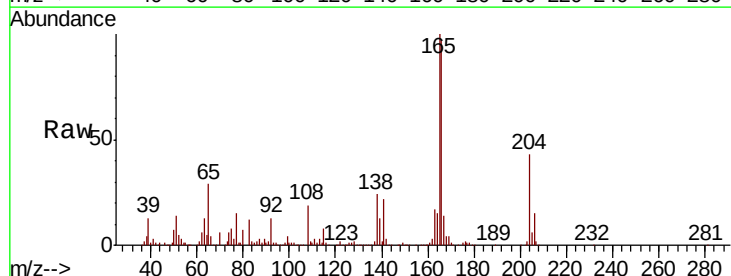
Manual Integrations
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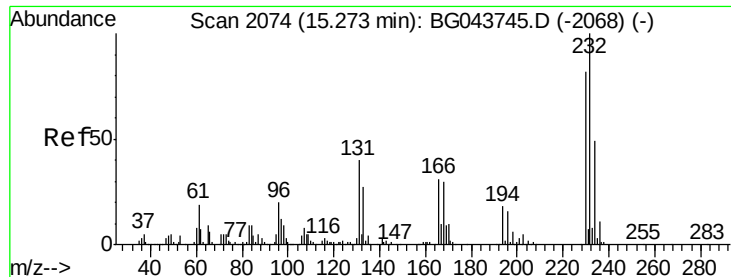
mohammad
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#58
Fluorene
Concen: 48.981 ng
RT: 15.70 min Scan# 2147
Delta R.T. 0.00 min
Lab File: BG043765.D
Acq: 23 Nov 2019 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	660702		
165	102.7	79.9	119.9	
167	14.5	11.4	17.0	





#59

2,3,4,6-Tetrachlorophenol

Concen: 53.879 ng

RT: 15.27 min Scan# 2074

Delta R.T. 0.00 min

Lab File: BG043765.D

Acq: 23 Nov 2019 20:55

Instrument :

BNA_G

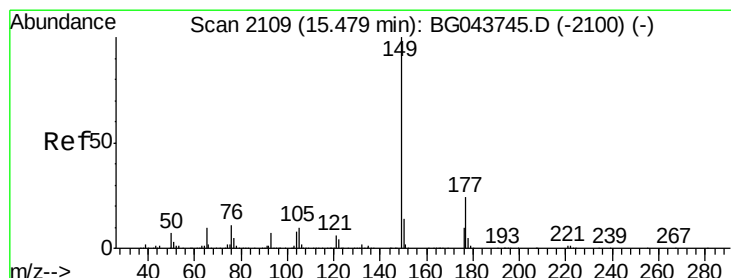
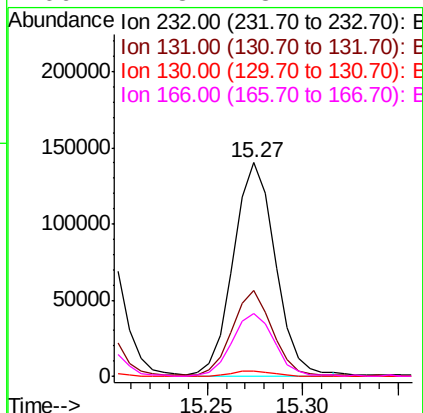
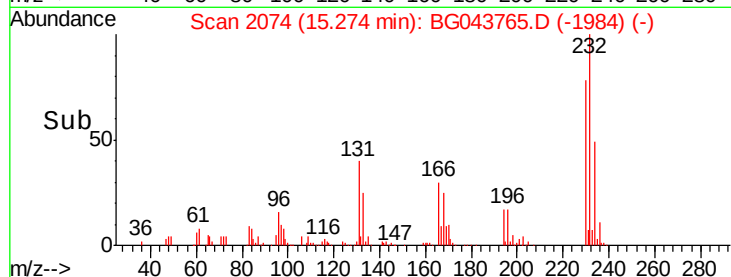
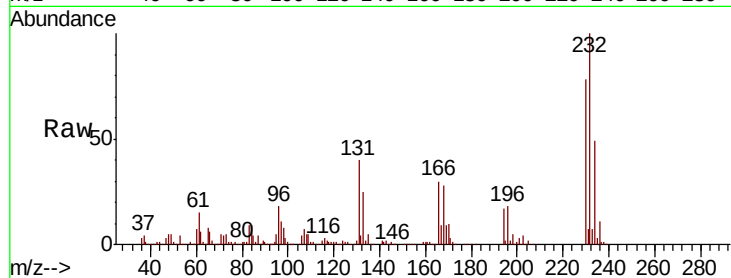
ClientSampleId :

SU-02-112019MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		213877		
131	34.0	27.0	40.6		
130	2.3	1.6	2.4		
166	22.8	18.2	27.2		

Manual Integrations
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#60

Diethylphthalate

Concen: 50.252 ng

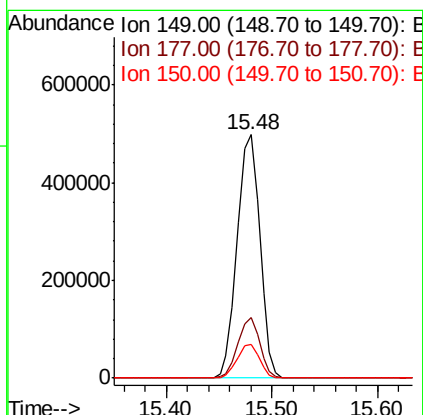
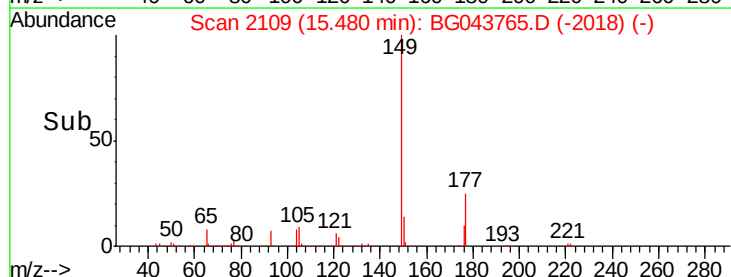
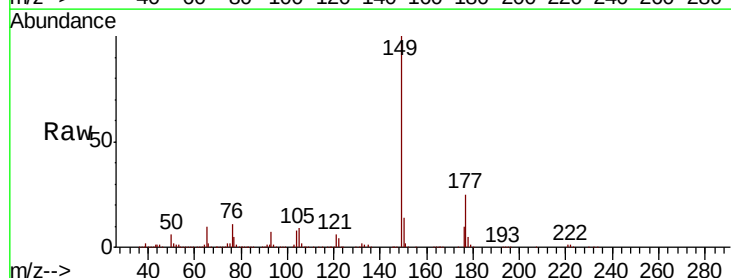
RT: 15.48 min Scan# 2109

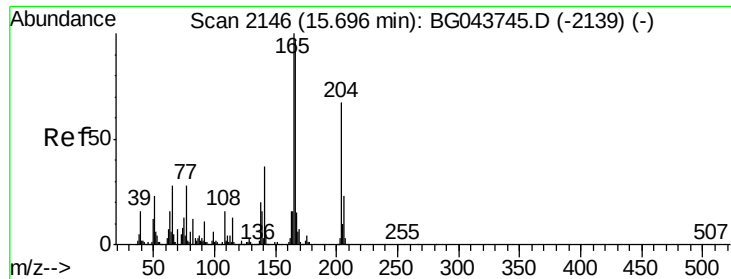
Delta R.T. 0.00 min

Lab File: BG043765.D

Acq: 23 Nov 2019 20:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		739701		
177	24.6	19.3	28.9		
150	13.8	11.1	16.7		





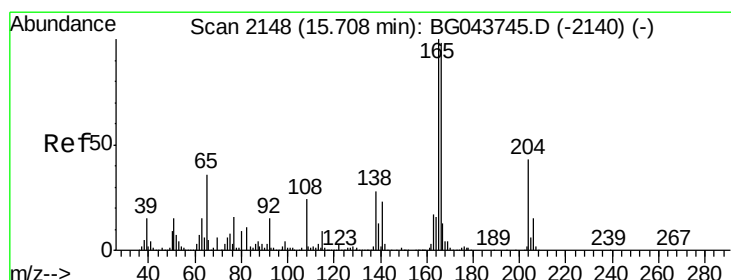
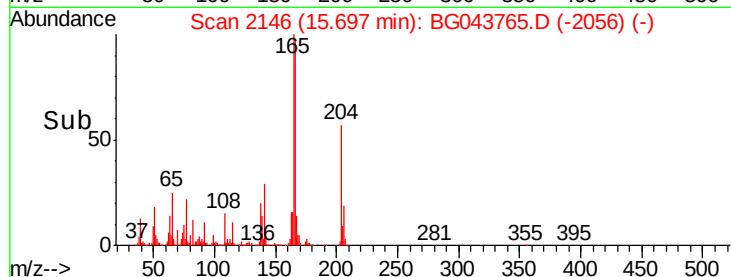
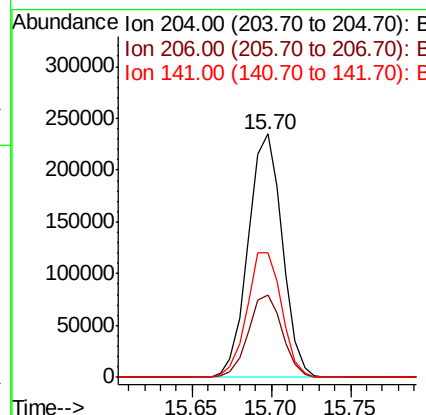
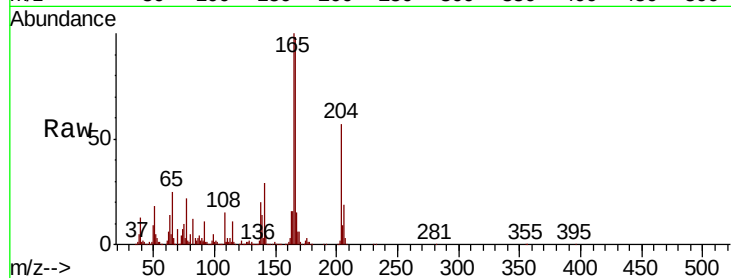
#61
4-Chlorophenyl-phenylether
Concen: 47.213 ng
RT: 15.70 min Scan# 2146
Delta R.T. 0.00 min
Lab File: BG043765.D
Acq: 23 Nov 2019 20:55

Instrument :
BNA_G
ClientSampleId :
SU-02-112019MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.8	27.4	41.0
141	51.0	44.3	66.5

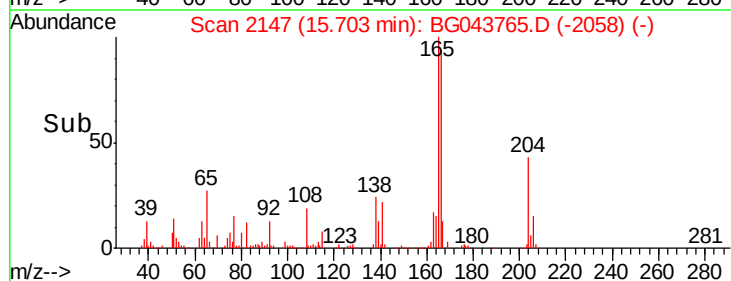
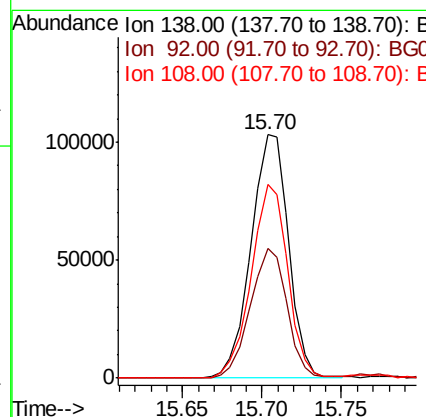
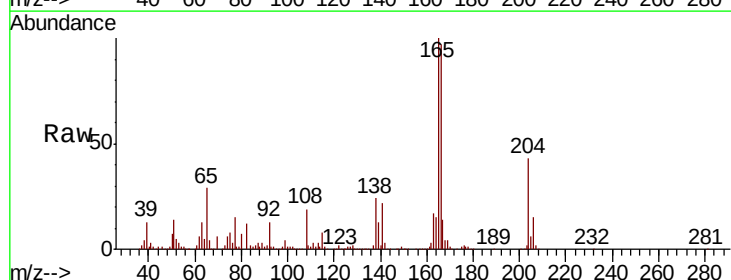
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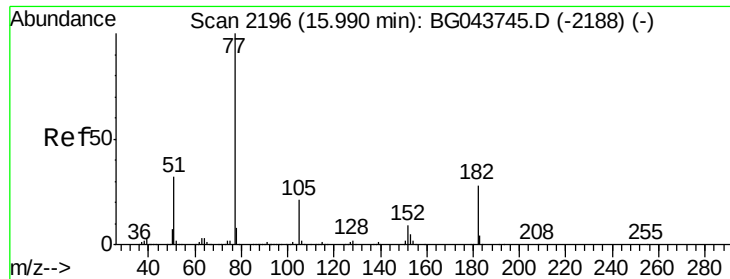
mohammad
11/25/2019 2:33:48 PM



#62
4-Nitroaniline
Concen: 46.525 ng
RT: 15.70 min Scan# 2147
Delta R.T. -0.00 min
Lab File: BG043765.D
Acq: 23 Nov 2019 20:55

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.5	34.6	74.6
108	79.5	65.7	105.7





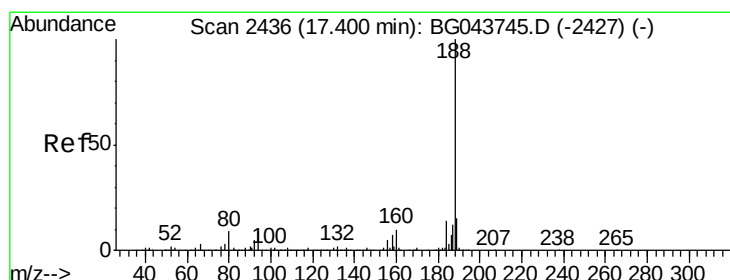
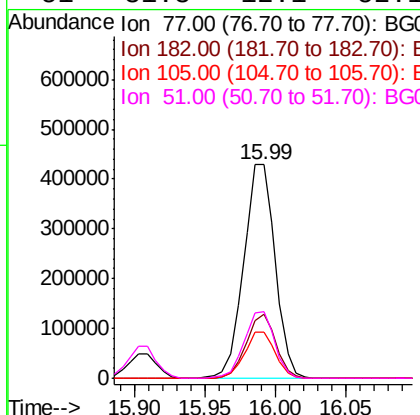
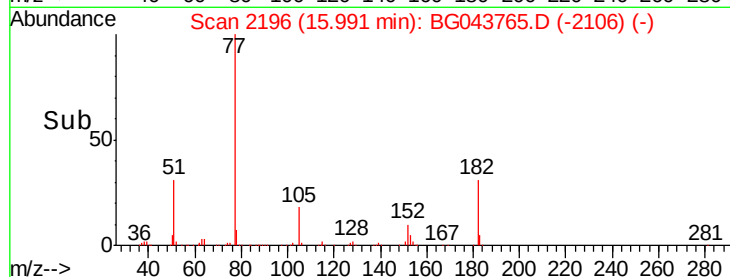
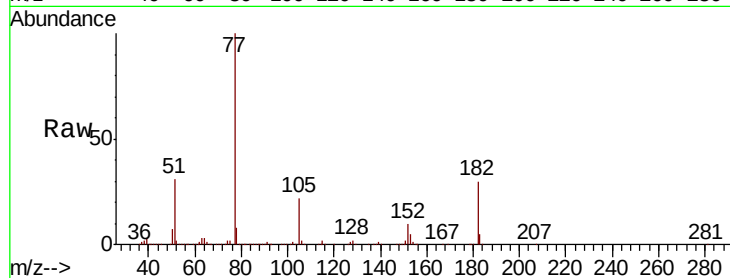
#63
Azobenzene
Concen: 48.137 ng
RT: 15.99 min Scan# 2196
Delta R.T. 0.00 min
Lab File: BG043765.D
Acq: 23 Nov 2019 20:55

Instrument :
BNA_G
ClientSampleId :
SU-02-112019MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	30.1	7.6	47.6
105	21.5	0.7	40.7
51	31.3	12.1	52.1

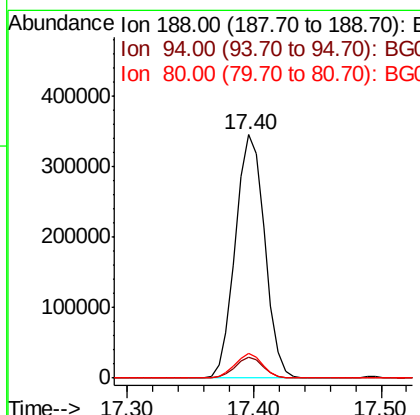
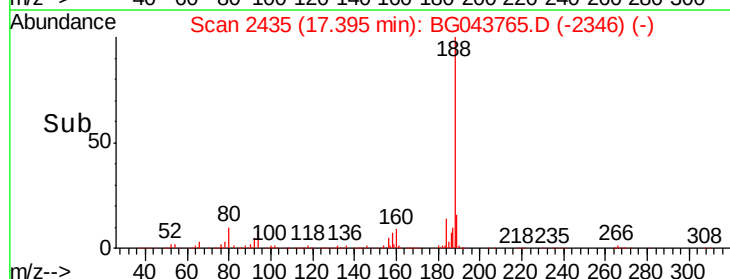
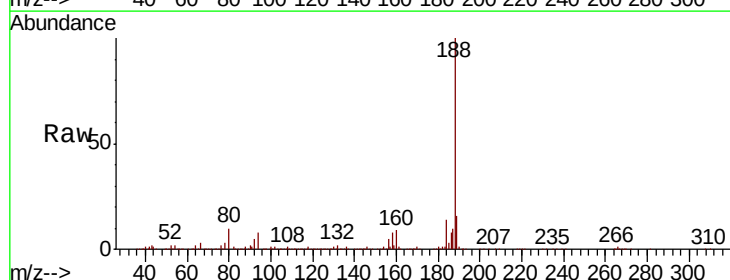
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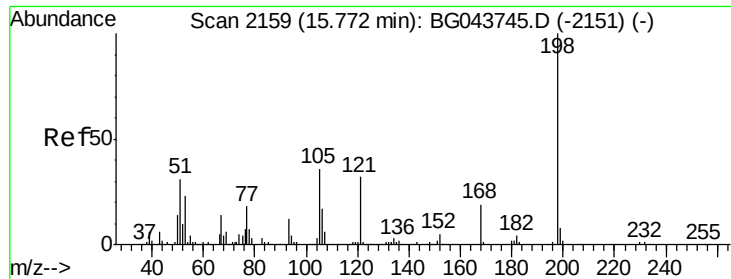
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.00 min
Lab File: BG043765.D
Acq: 23 Nov 2019 20:55

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.9	10.3
80	9.9	7.5	11.3





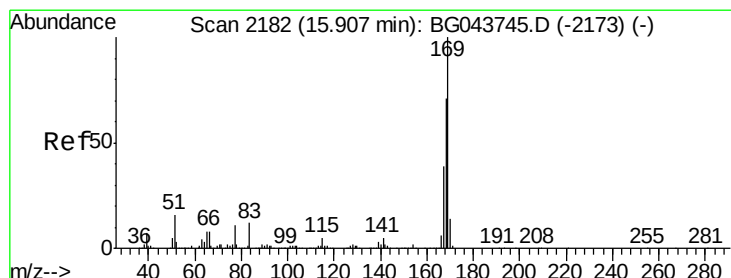
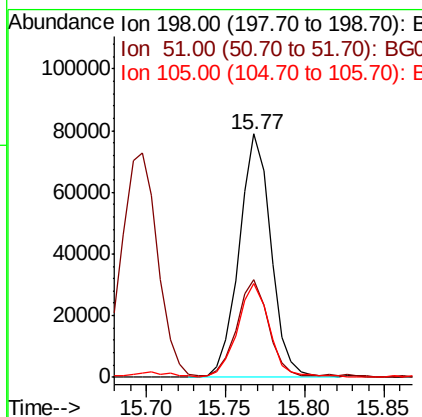
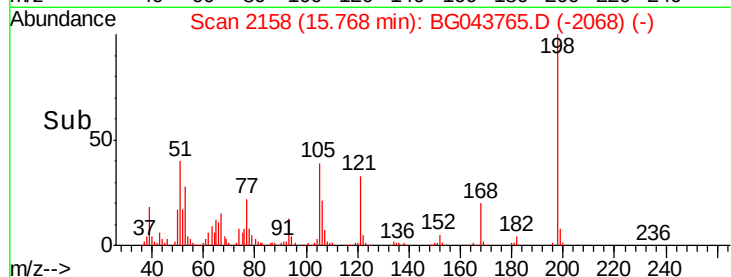
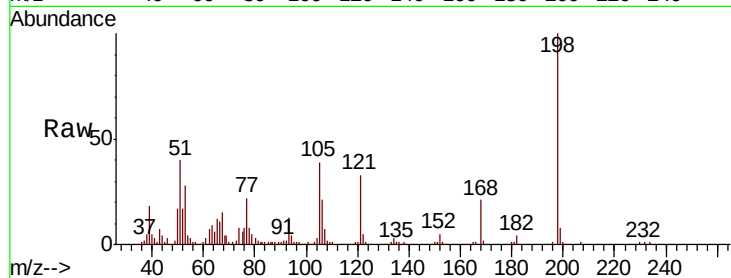
#65
4,6-Dinitro-2-methylphenol
Concen: 52.890 ng
RT: 15.77 min Scan# 2158
Delta R.T. -0.00 min
Lab File: BG043765.D
Acq: 23 Nov 2019 20:55

Instrument :
BNA_G
ClientSampleId :
SU-02-112019MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	109945		
51	40.3	16.8	56.8	
105	38.8	17.3	57.3	

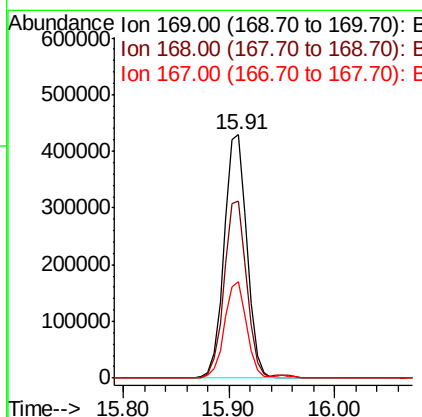
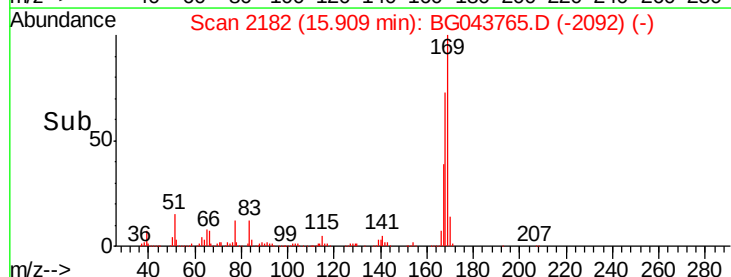
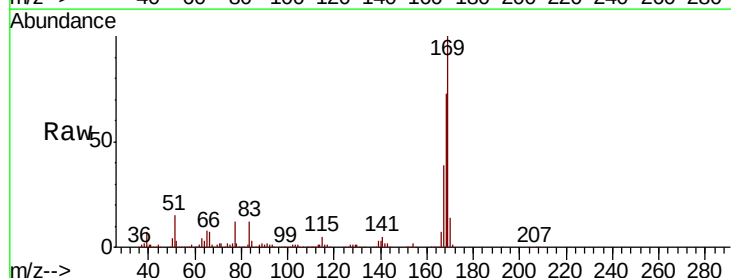
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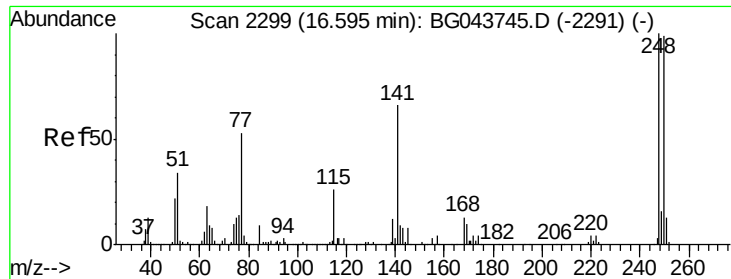
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#66
n-Nitrosodiphenylamine
Concen: 43.493 ng
RT: 15.91 min Scan# 2182
Delta R.T. 0.00 min
Lab File: BG043765.D
Acq: 23 Nov 2019 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	634650		
168	72.6	56.6	85.0	
167	39.4	30.8	46.2	





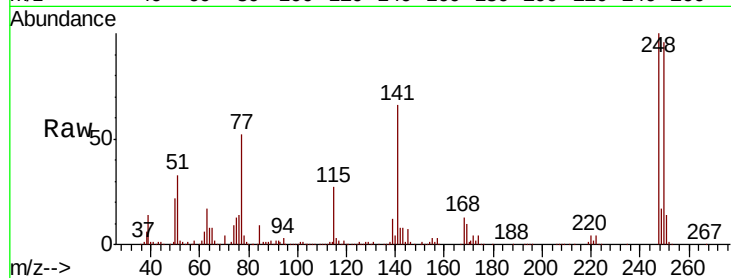
#67
4-Bromophenyl-phenylether
Concen: 42.420 ng
RT: 16.59 min Scan# 2298
Delta R.T. -0.00 min
Lab File: BG043765.D
Acq: 23 Nov 2019 20:55

Instrument :
BNA_G
ClientSampleId :
SU-02-112019MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.4	79.3	118.9
141	66.1	53.0	79.6

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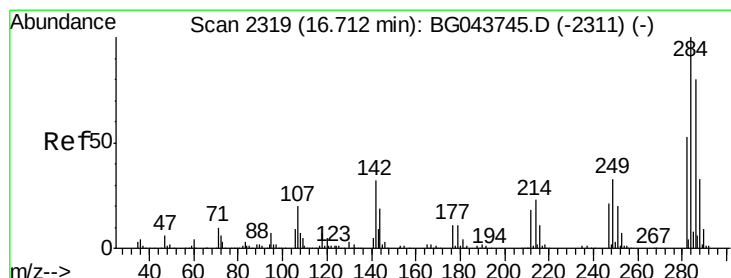
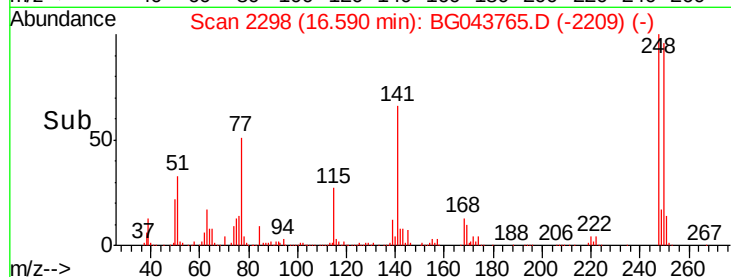
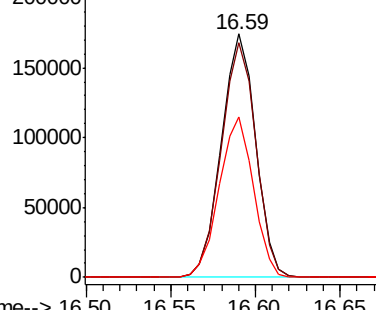


Abundance

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: 41.384 ng
RT: 16.71 min Scan# 2318
Delta R.T. -0.00 min
Lab File: BG043765.D
Acq: 23 Nov 2019 20:55

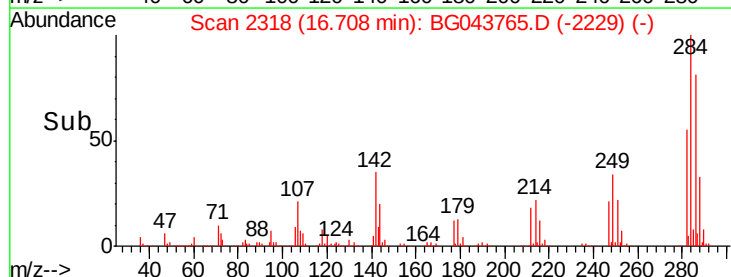
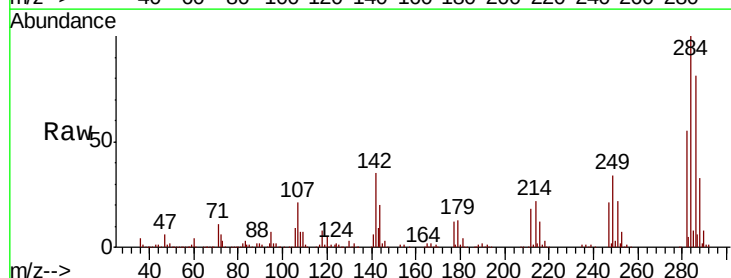
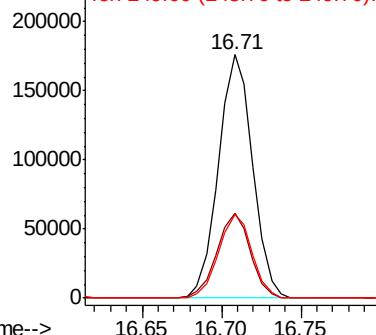
Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.0	25.4	38.0
249	34.4	26.2	39.4

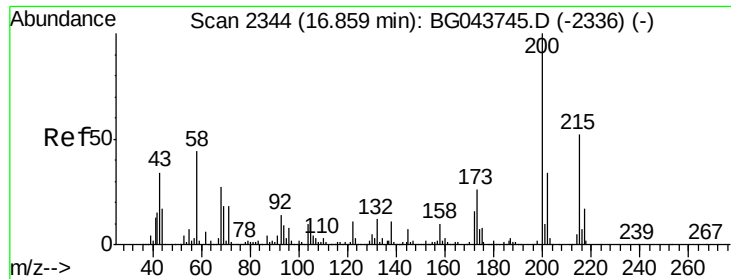
Abundance

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





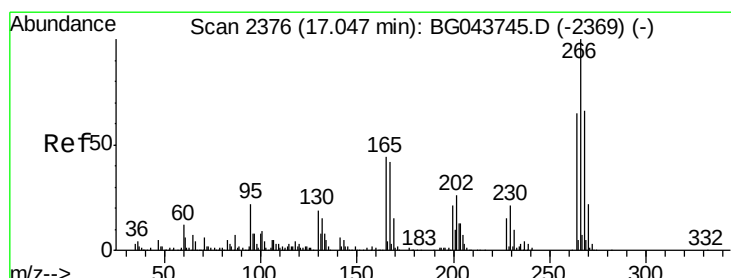
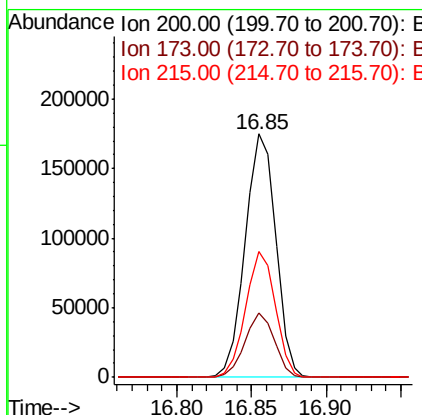
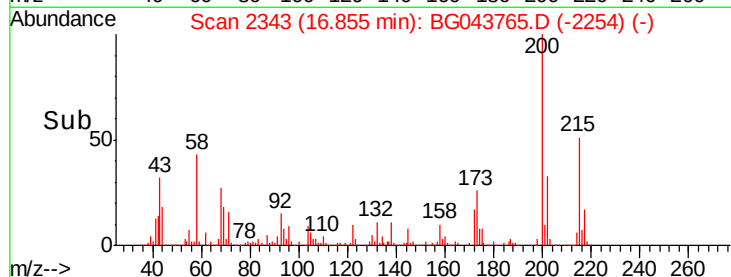
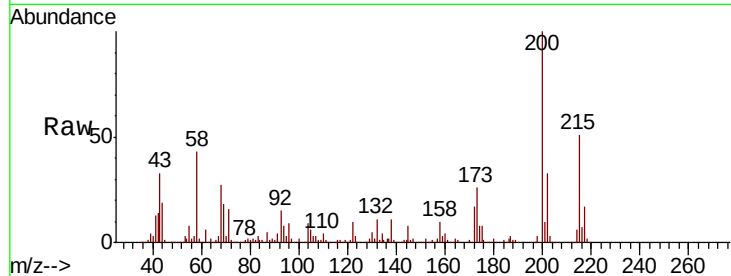
#69
 Atrazine
 Concen: 42.268 ng
 RT: 16.85 min Scan# 2343
 Delta R.T. -0.00 min
 Lab File: BG043765.D
 Acq: 23 Nov 2019 20:55

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-112019MSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	247184		
173	26.2	6.0	46.0	
215	51.5	32.4	72.4	

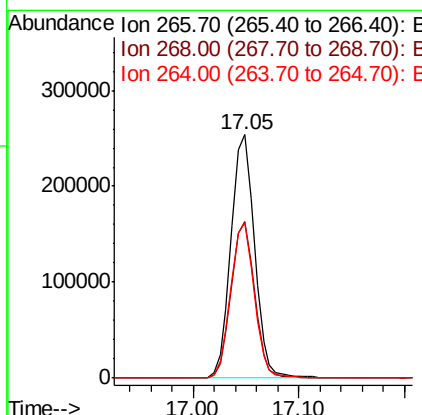
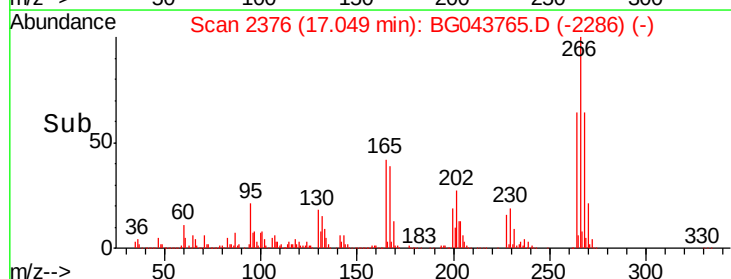
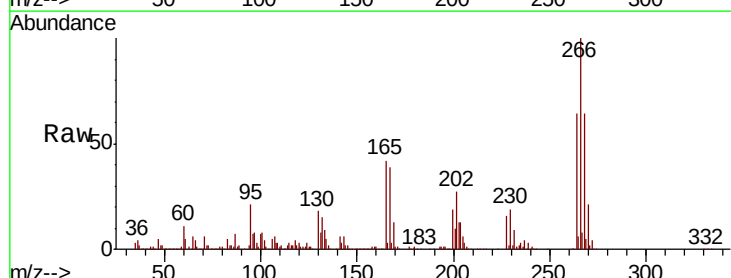
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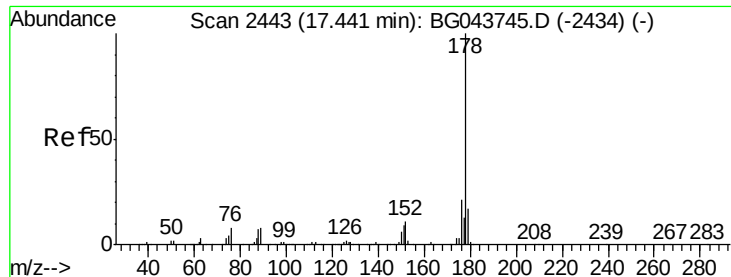
mohammad
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#70
 Pentachlorophenol
 Concen: 101.022 ng
 RT: 17.05 min Scan# 2376
 Delta R.T. 0.00 min
 Lab File: BG043765.D
 Acq: 23 Nov 2019 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	391671		
268	64.2	52.9	79.3	
264	63.7	51.6	77.4	





#71

Phenanthrene

Concen: 45.684 ng

RT: 17.44 min Scan# 2443

Delta R.T. 0.00 min

Lab File: BG043765.D

Acq: 23 Nov 2019 20:55

Instrument :

BNA_G

ClientSampleId :

SU-02-112019MSD

Tot Ion:178 Resp: 1245836

Ion Ratio Lower Upper

178 100

176 22.5 16.9 25.3

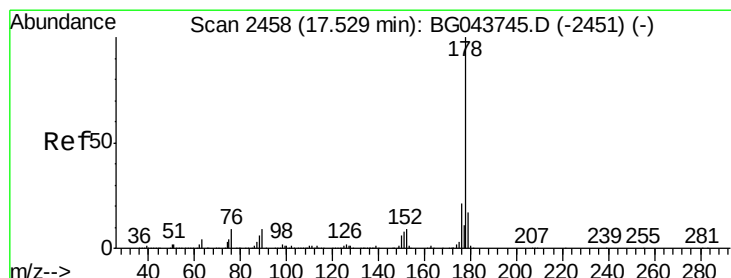
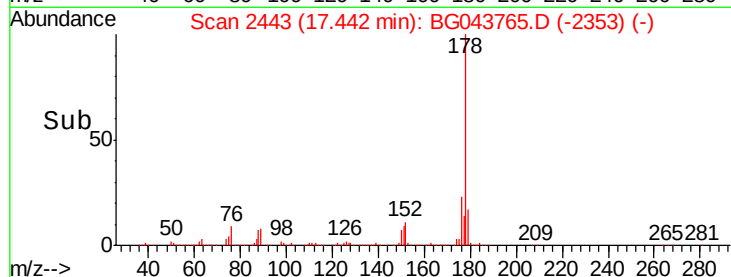
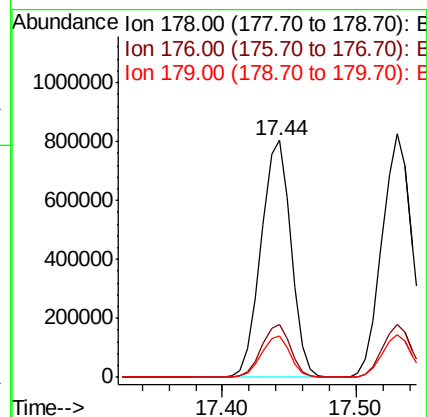
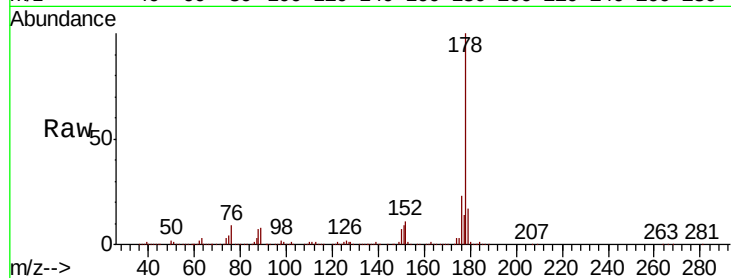
179 17.5 13.5 20.3

Manual Integrations

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#72

Anthracene

Concen: 46.356 ng

RT: 17.53 min Scan# 2458

Delta R.T. 0.00 min

Lab File: BG043765.D

Acq: 23 Nov 2019 20:55

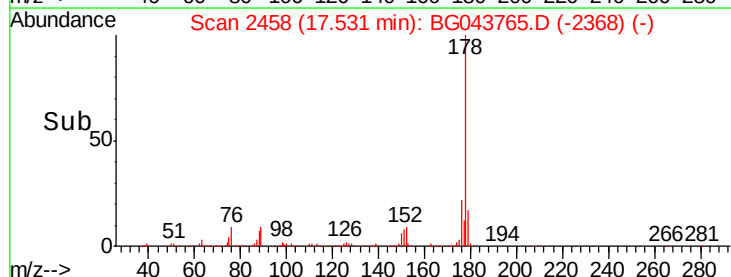
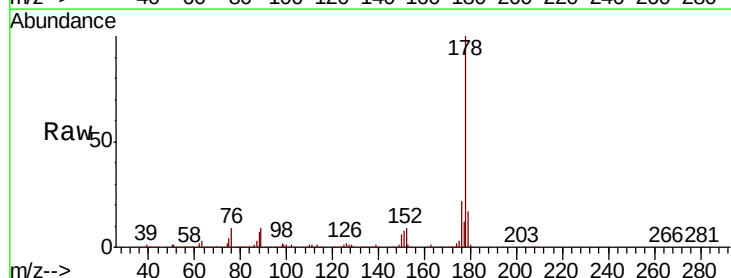
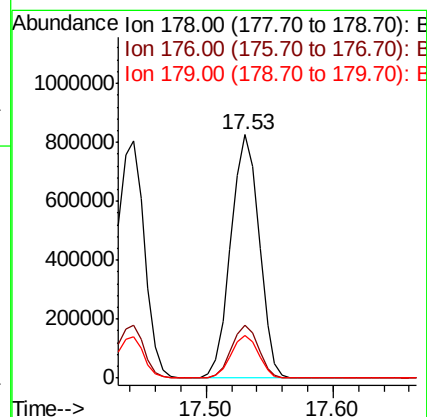
Tgt Ion:178 Resp: 1276986

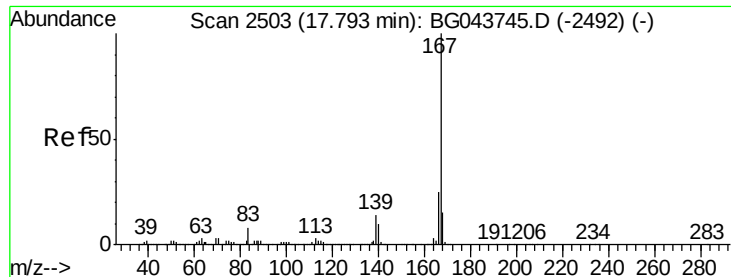
Ion Ratio Lower Upper

178 100

176 21.5 16.5 24.7

179 17.3 13.4 20.2





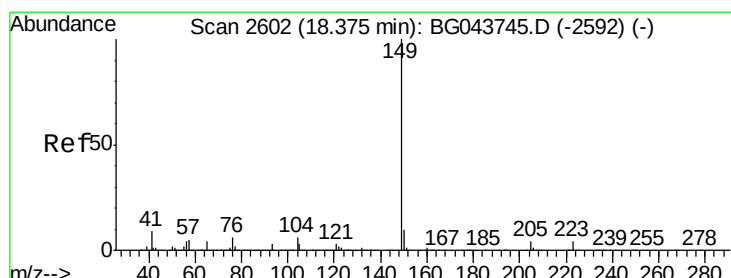
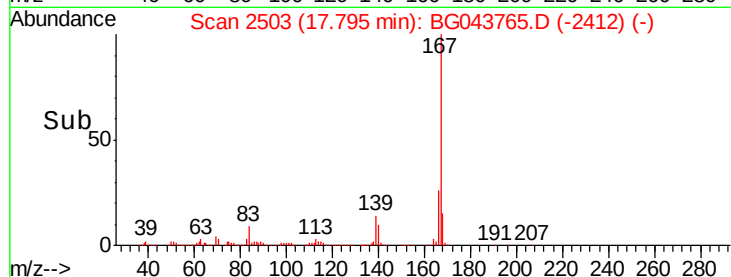
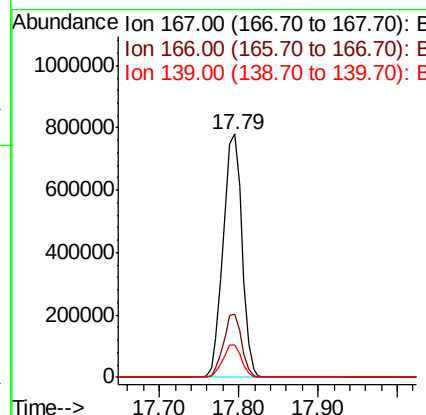
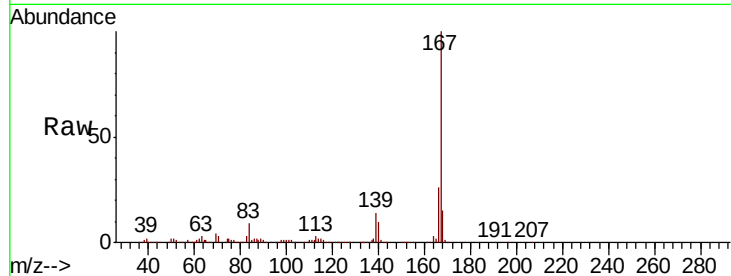
#73
 Carbazole
 Concen: 48.824 ng
 RT: 17.79 min Scan# 2503
 Delta R.T. 0.00 min
 Lab File: BG043765.D
 Acq: 23 Nov 2019 20:55

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-112019MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	26.0	19.8	29.6
139	13.6	10.9	16.3

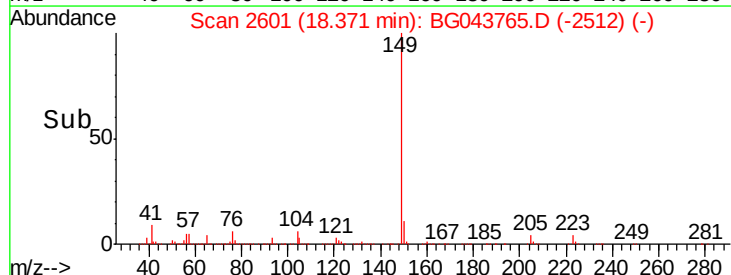
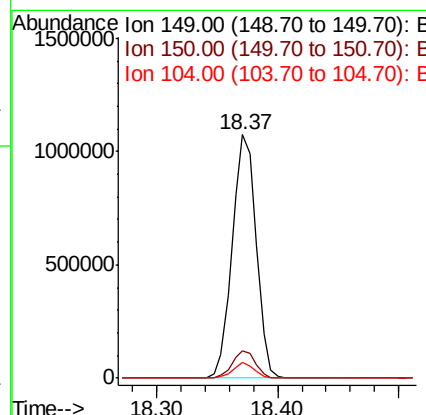
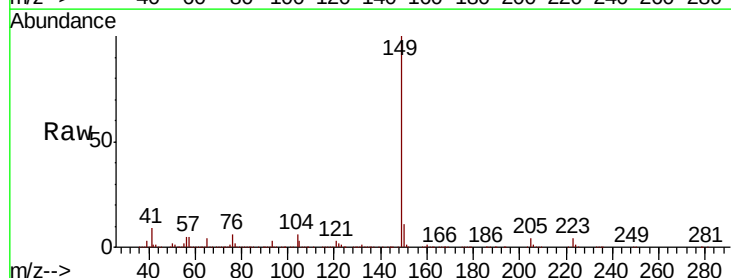
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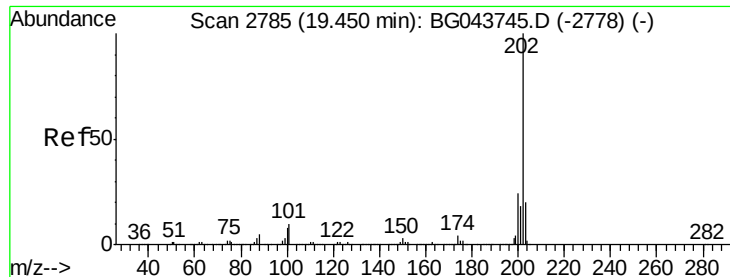
mohammad
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#74
 Di-n-butylphthalate
 Concen: 42.260 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.00 min
 Lab File: BG043765.D
 Acq: 23 Nov 2019 20:55

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.4	8.4	12.6
104	6.3	4.6	7.0





#75

Fluoranthene

Concen: 44.992 ng

RT: 19.45 min Scan# 2784

Delta R.T. -0.00 min

Lab File: BG043765.D

Acq: 23 Nov 2019 20:55

Instrument :

BNA_G

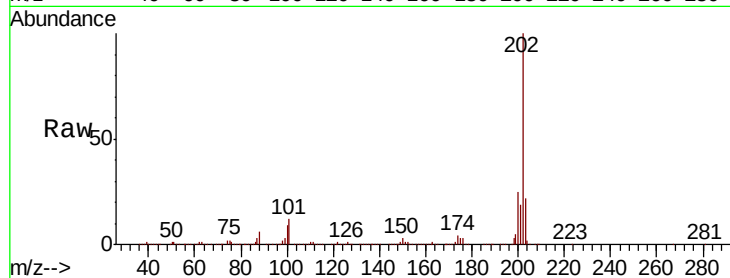
ClientSampleId :

SU-02-112019MSD

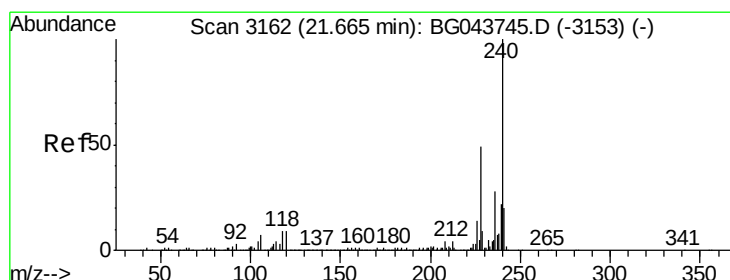
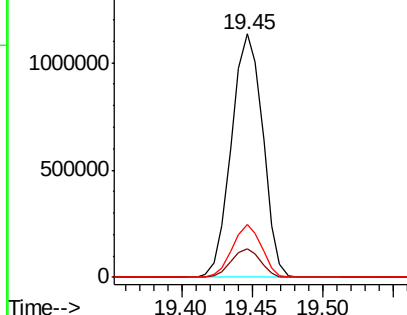
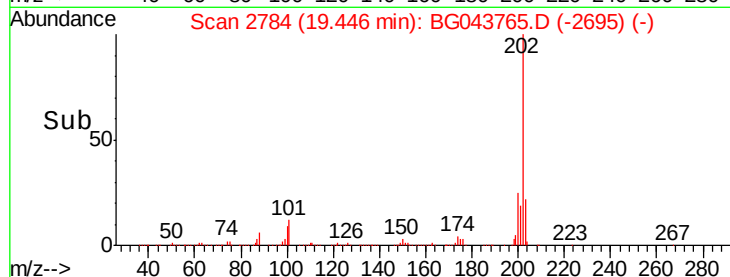
Tot Ion:	202	Resp:	1760011
Ion Ratio	Lower	Upper	
202	100		
101	11.6	0.0	30.1
203	21.9	0.0	39.7

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



#76

Chrysene-d12

Concen: 20.000 ng

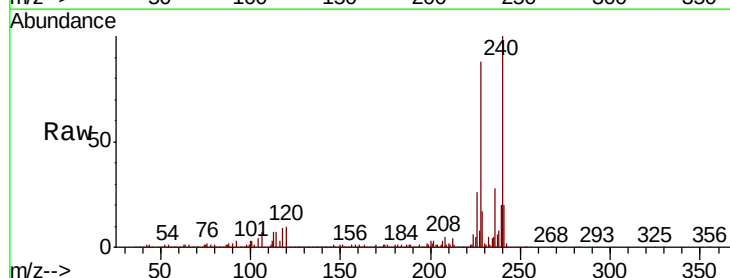
RT: 21.66 min Scan# 3161

Delta R.T. -0.00 min

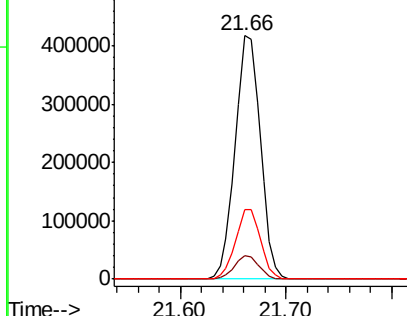
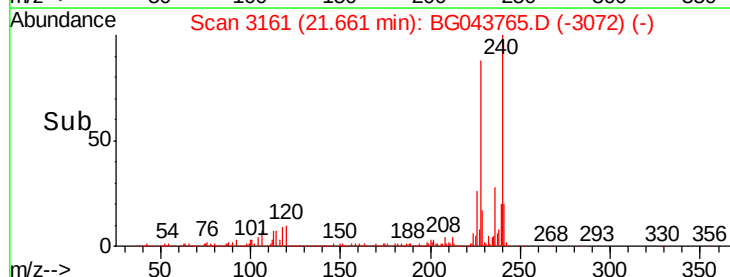
Lab File: BG043765.D

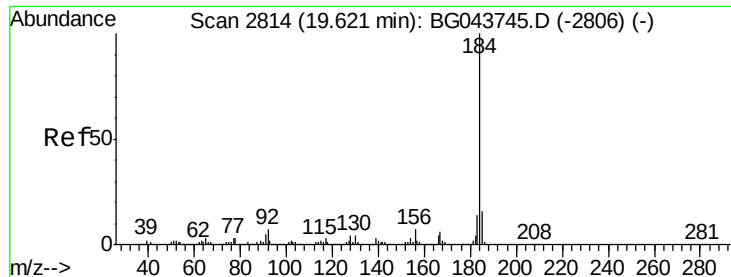
Acq: 23 Nov 2019 20:55

Tgt Ion:	240	Resp:	688024
Ion Ratio	Lower	Upper	
240	100		
120	9.5	7.5	11.3
236	28.3	22.6	34.0



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





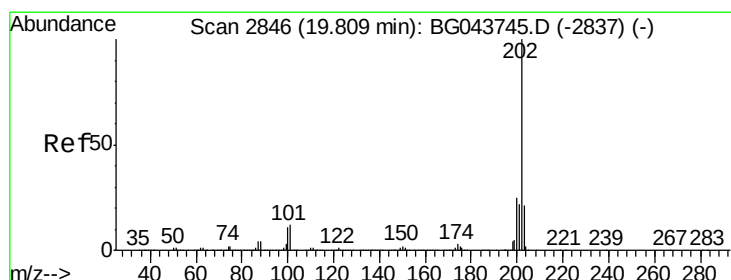
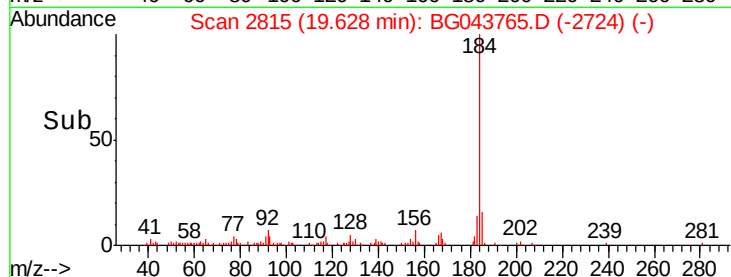
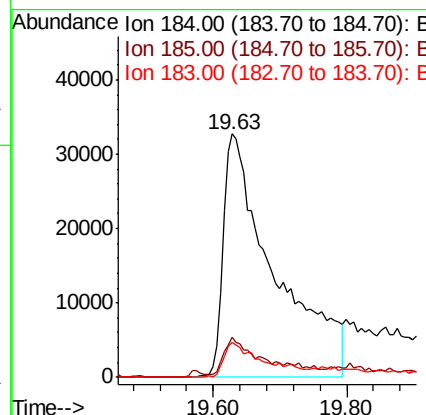
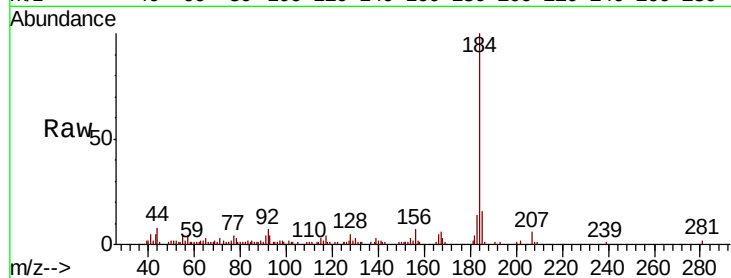
#77
Benzidine
Concen: 8.679 ng
RT: 19.63 min Scan# 2815
Delta R.T. 0.01 min
Lab File: BG043765.D
Acq: 23 Nov 2019 20:55

Instrument :
BNA_G
ClientSampleId :
SU-02-112019MSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	16.5	12.8	19.2
183	14.1	11.3	16.9

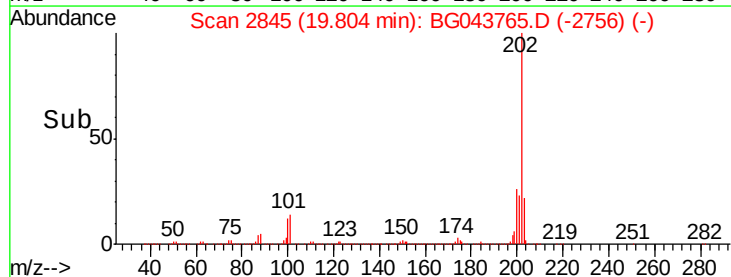
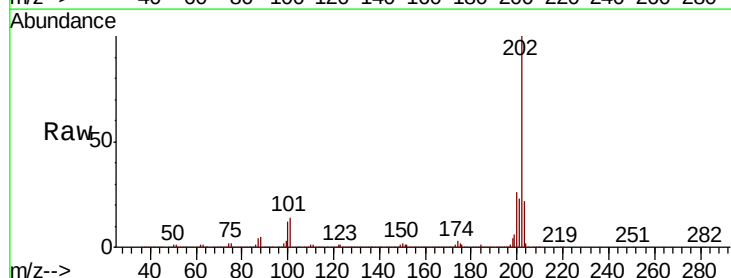
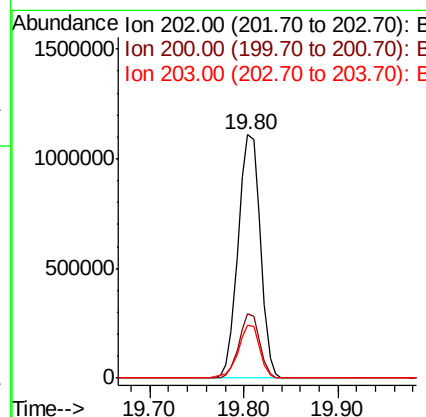
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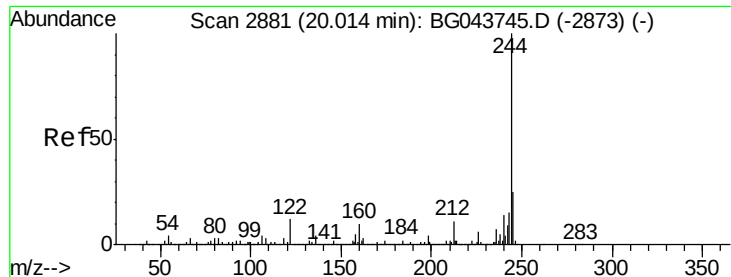
mohammad
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#78
Pyrene
Concen: 41.000 ng
RT: 19.80 min Scan# 2845
Delta R.T. -0.00 min
Lab File: BG043765.D
Acq: 23 Nov 2019 20:55

Tgt Ion	Ratio	Lower	Upper
202	100		
200	26.4	19.8	29.6
203	21.7	16.6	24.8





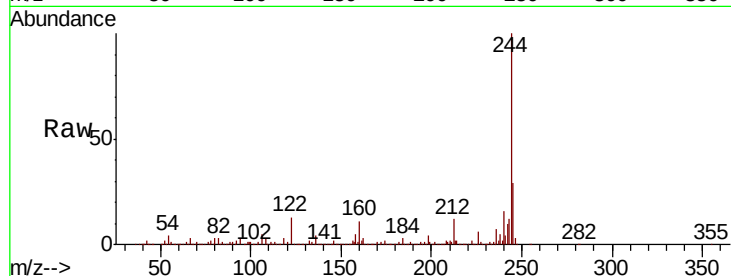
#79
 Terphenyl-d14
 Concen: 78.906 ng
 RT: 20.01 min Scan# 2880
 Delta R.T. -0.00 min
 Lab File: BG043765.D
 Acq: 23 Nov 2019 20:55

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-112019MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	11.7	8.5	12.7
122	13.5	9.5	14.3

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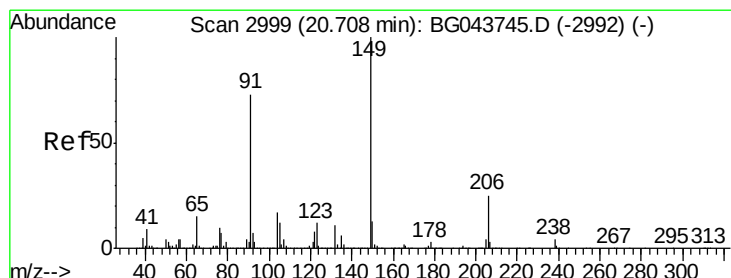
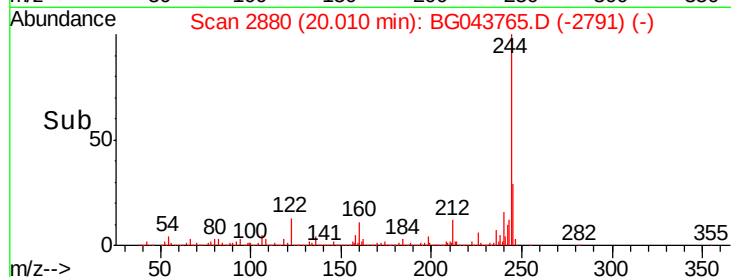
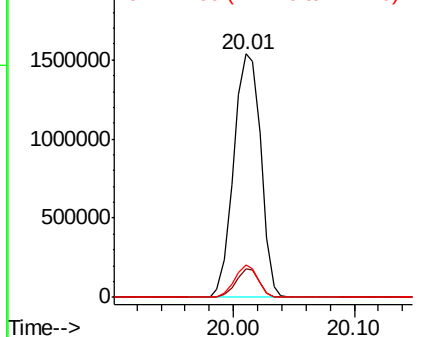


Abundance

Ion 244.00 (243.70 to 244.70): E

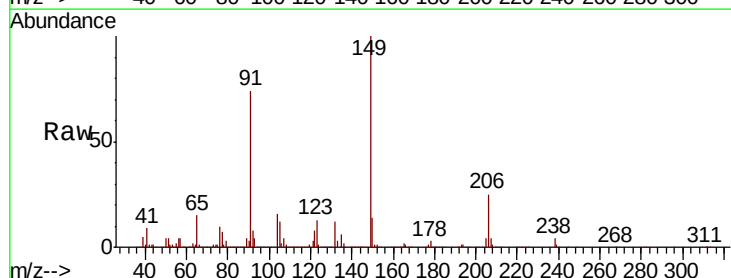
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80
 Butylbenzylphthalate
 Concen: 43.558 ng
 RT: 20.70 min Scan# 2998
 Delta R.T. -0.00 min
 Lab File: BG043765.D
 Acq: 23 Nov 2019 20:55

Tgt Ion	Ratio	Lower	Upper
149	100		
91	74.0	58.8	88.2
206	25.4	19.8	29.6

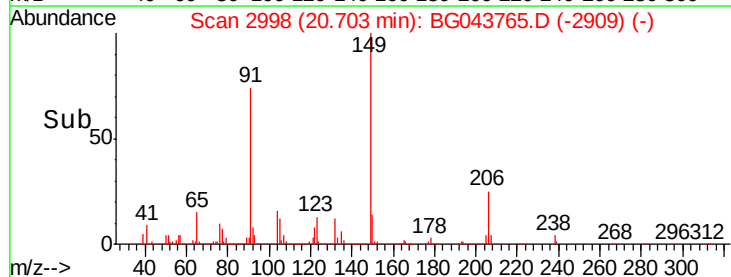
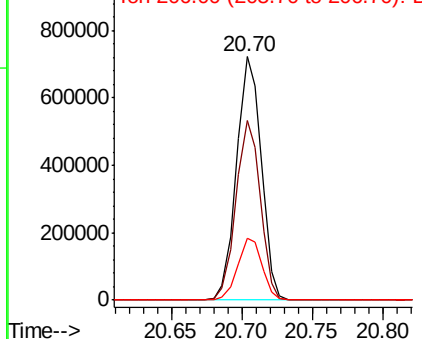


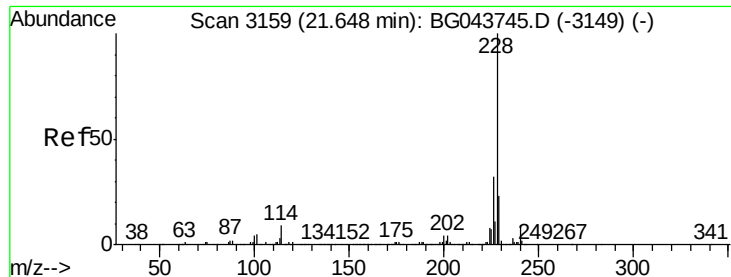
Abundance

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: 44.021 ng

RT: 21.64 min Scan# 3158

Delta R.T. -0.00 min

Lab File: BG043765.D

Acq: 23 Nov 2019 20:55

Instrument :

BNA_G

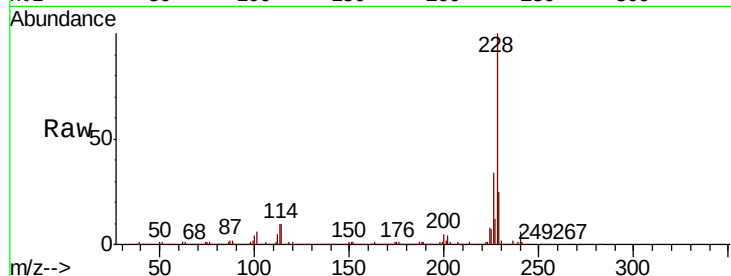
ClientSampleId :

SU-02-112019MSD

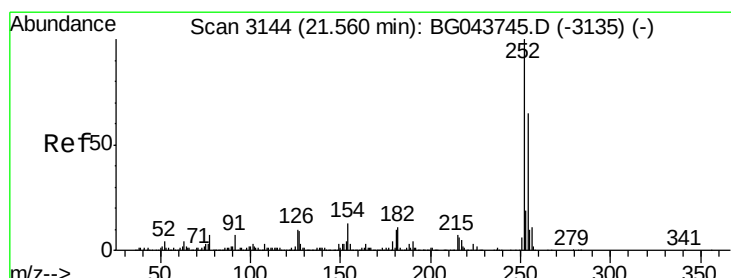
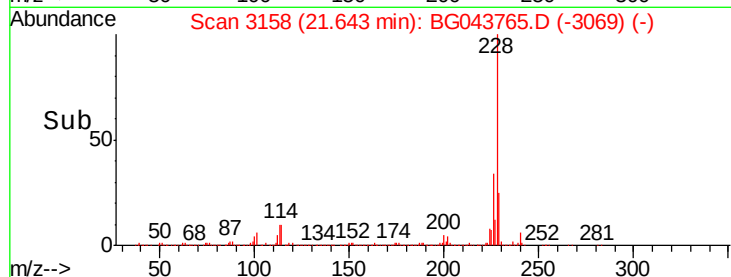
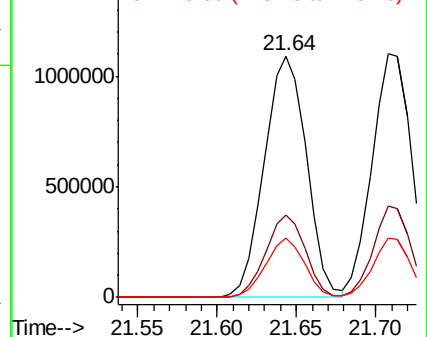
Tot Ion:	228	Resp:	2024815
Ion	Ratio	Lower	Upper
228	100		
226	34.1	25.4	38.2
229	24.6	18.1	27.1

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 12.831 ng

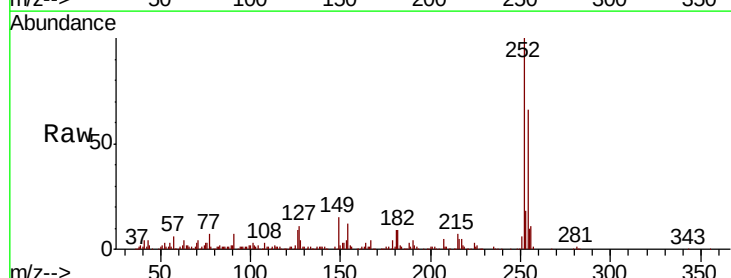
RT: 21.56 min Scan# 3143

Delta R.T. -0.00 min

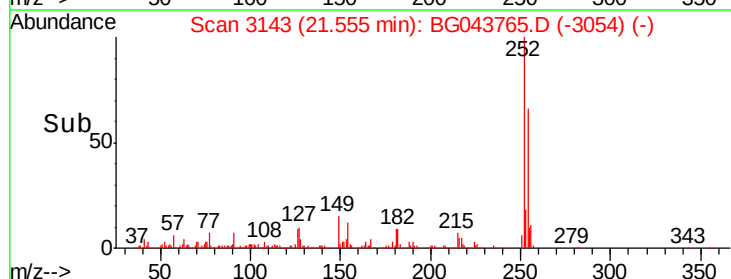
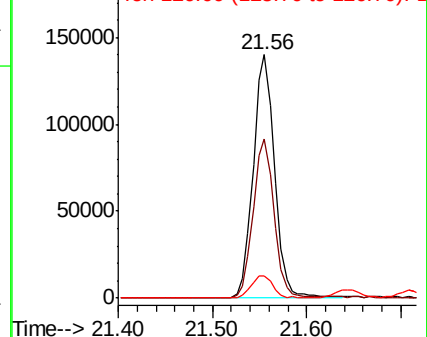
Lab File: BG043765.D

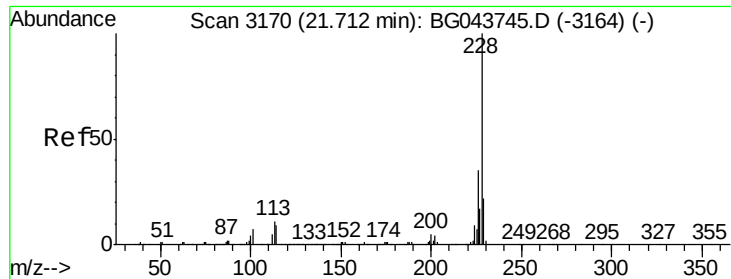
Acq: 23 Nov 2019 20:55

Tgt Ion:	252	Resp:	221326
Ion	Ratio	Lower	Upper
252	100		
254	65.6	52.1	78.1
126	9.2	7.8	11.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





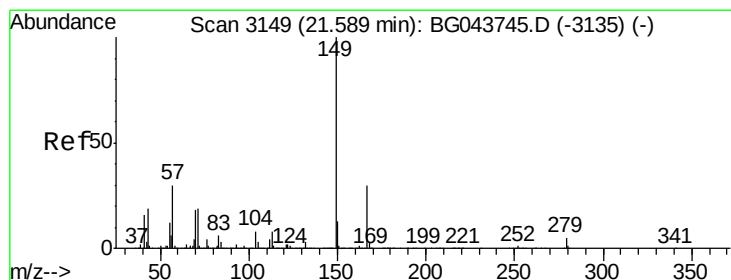
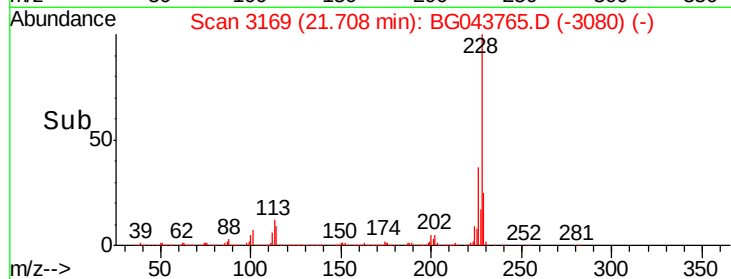
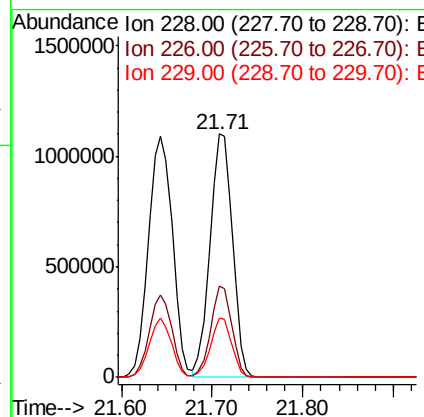
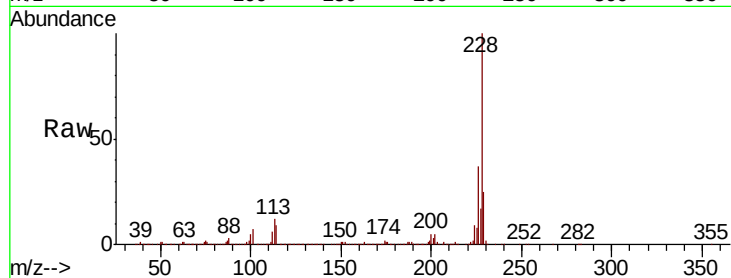
#83
 Chrysene
 Concen: 43.689 ng
 RT: 21.71 min Scan# 3169
 Delta R.T. -0.00 min
 Lab File: BG043765.D
 Acq: 23 Nov 2019 20:55

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-112019MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	37.4	27.8	41.8
229	24.5	17.9	26.9

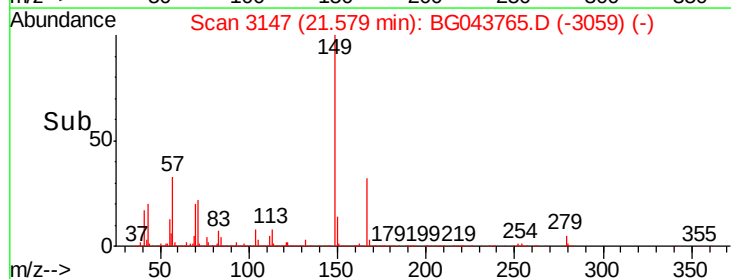
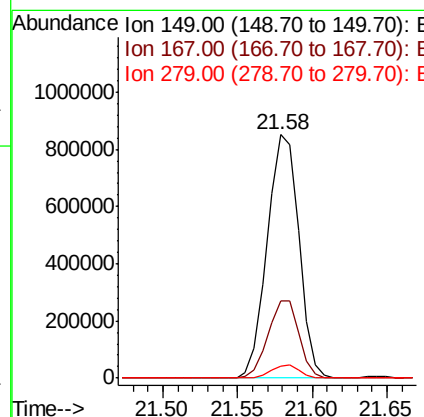
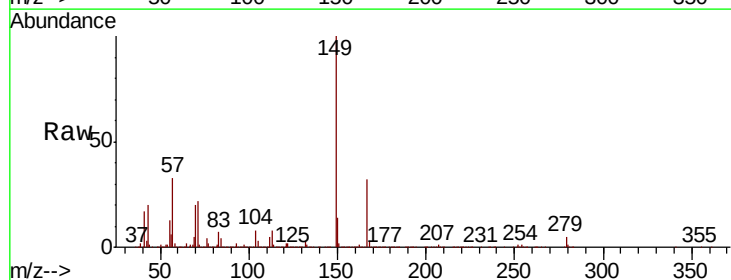
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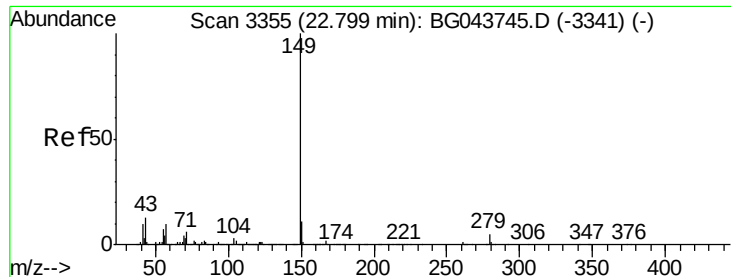
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.923 ng
 RT: 21.58 min Scan# 3147
 Delta R.T. -0.01 min
 Lab File: BG043765.D
 Acq: 23 Nov 2019 20:55

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.9	23.8	35.6
279	5.1	4.0	6.0





#85

Di-n-octyl phthalate

Concen: 39.438 ng

RT: 22.80 min Scan# 3354

Delta R.T. -0.00 min

Lab File: BG043765.D

Acq: 23 Nov 2019 20:55

Instrument :

BNA_G

ClientSampleId :

SU-02-112019MSD

Tot Ion:149 Resp: 1820632

Ion Ratio Lower Upper

149 100

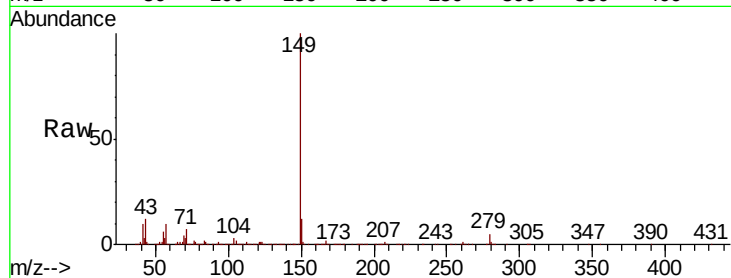
167 1.8 1.4 2.0

43 11.4 9.8 14.6

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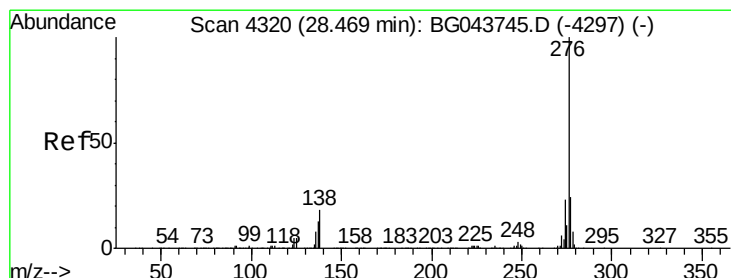
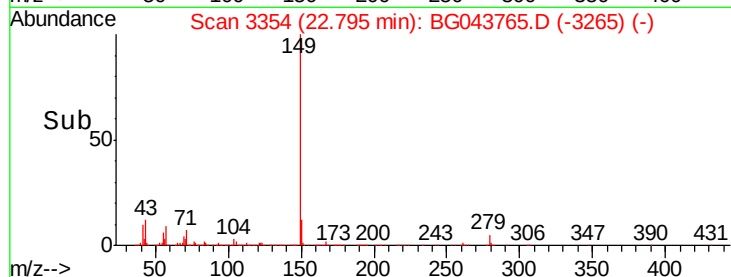
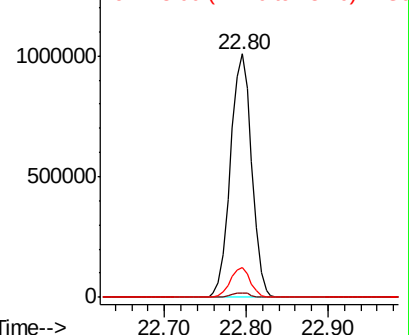
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.515 ng

RT: 28.46 min Scan# 4319

Delta R.T. -0.00 min

Lab File: BG043765.D

Acq: 23 Nov 2019 20:55

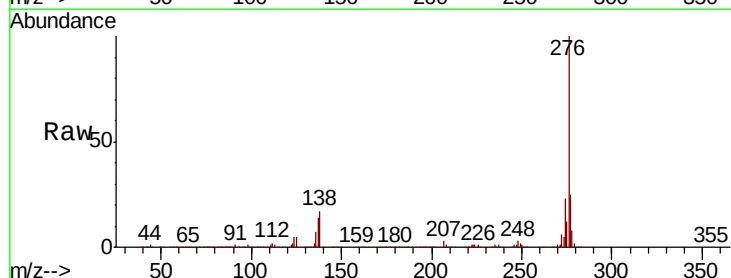
Tgt Ion:276 Resp: 1949961

Ion Ratio Lower Upper

276 100

138 15.9 14.5 21.7

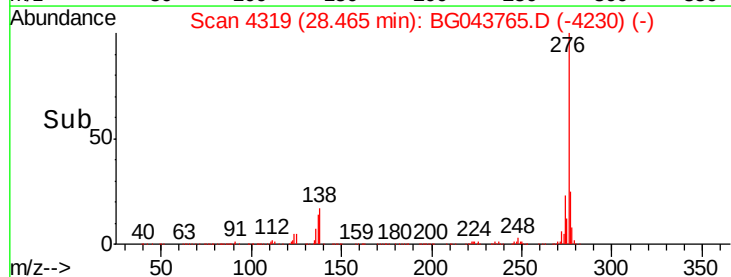
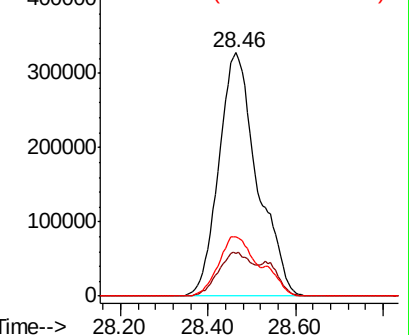
277 21.9 21.1 31.7

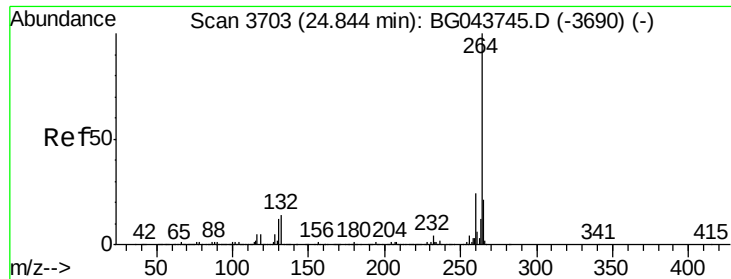


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3703

Delta R.T. 0.00 min

Lab File: BG043765.D

Acq: 23 Nov 2019 20:55

Instrument :

BNA_G

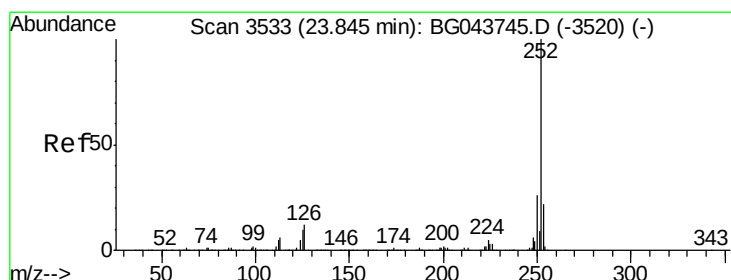
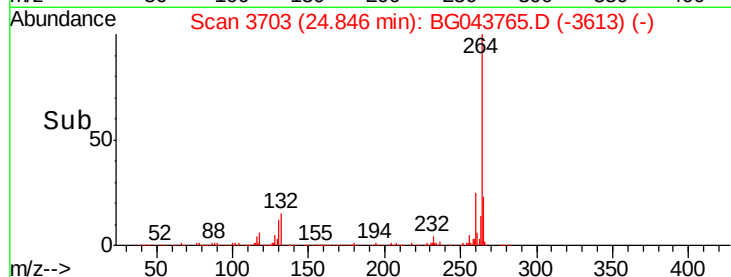
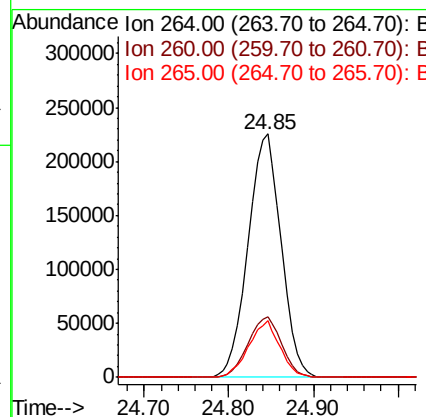
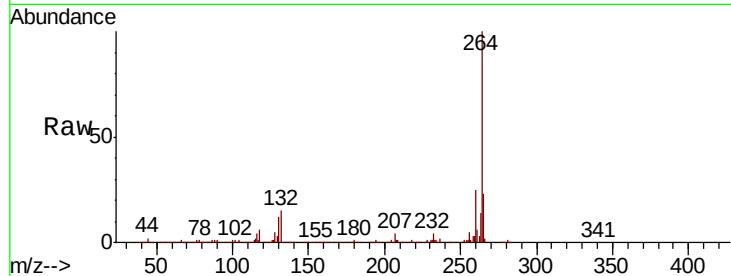
ClientSampleId :

SU-02-112019MSD

Tot Ion:	264	Resp:	613566
Ion Ratio	Lower	Upper	
264	100		
260	24.8	19.4	29.2
265	23.2	17.0	25.6

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#88

Benzo(b)fluoranthene

Concen: 47.537 ng

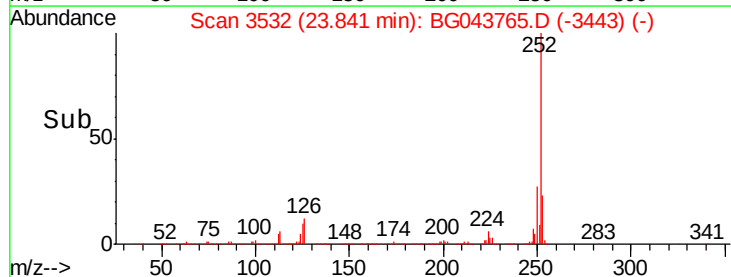
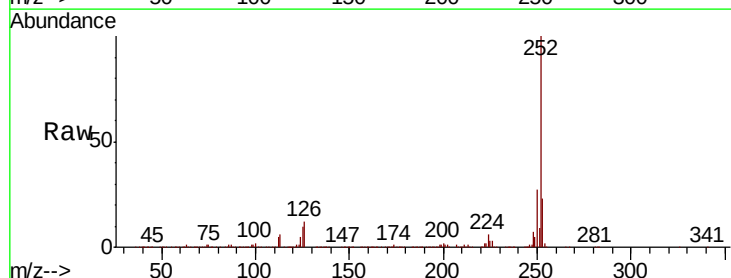
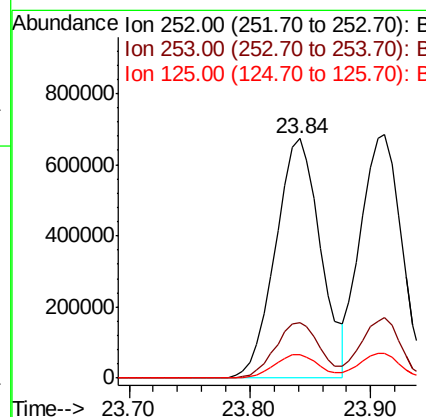
RT: 23.84 min Scan# 3532

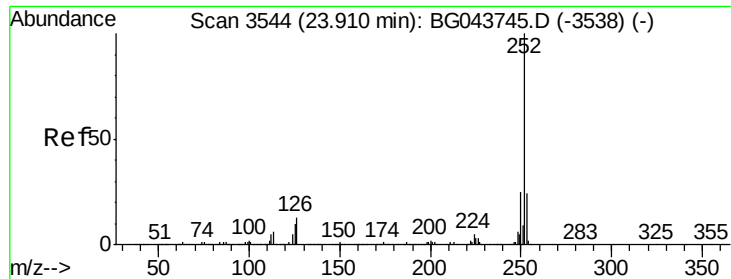
Delta R.T. -0.00 min

Lab File: BG043765.D

Acq: 23 Nov 2019 20:55

Tgt Ion:	252	Resp:	1741445
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.7	26.5
125	9.9	8.0	12.0





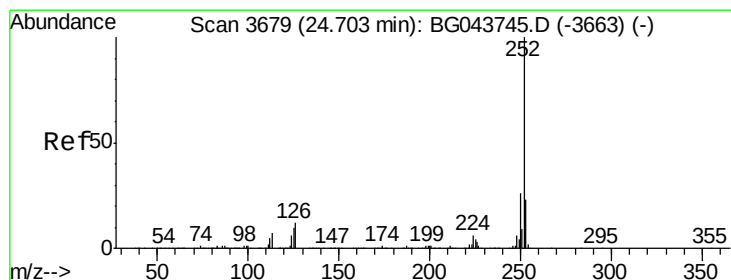
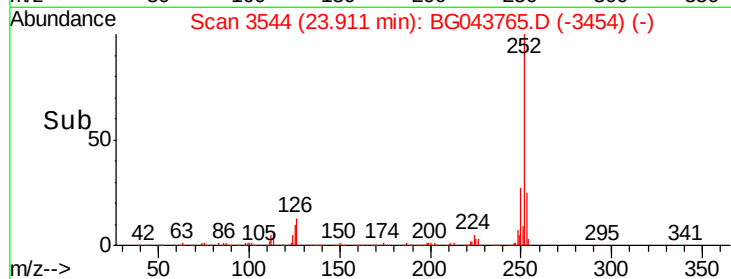
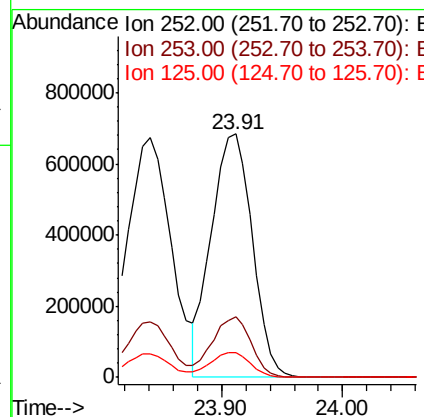
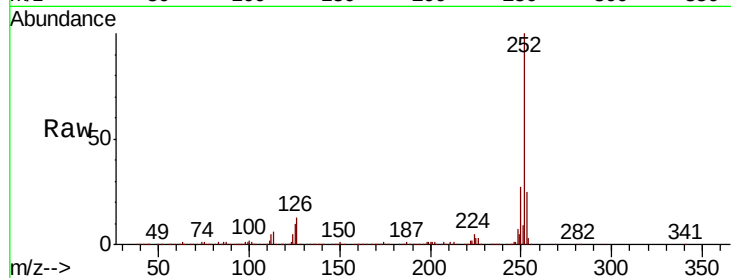
#89
Benzo(k)fluoranthene
Concen: 45.515 ng
RT: 23.91 min Scan# 3544
Delta R.T. 0.00 min
Lab File: BG043765.D
Acq: 23 Nov 2019 20:55

Instrument :
BNA_G
ClientSampleId :
SU-02-112019MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.1	18.8	28.2
125	10.0	7.7	11.5

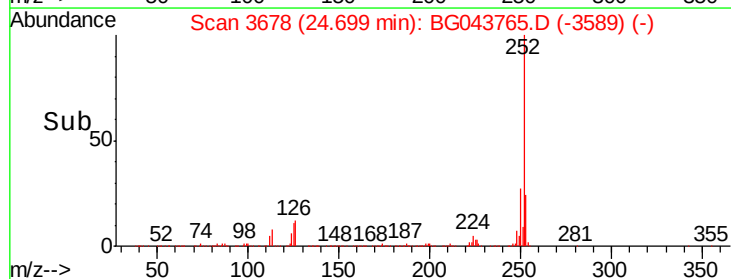
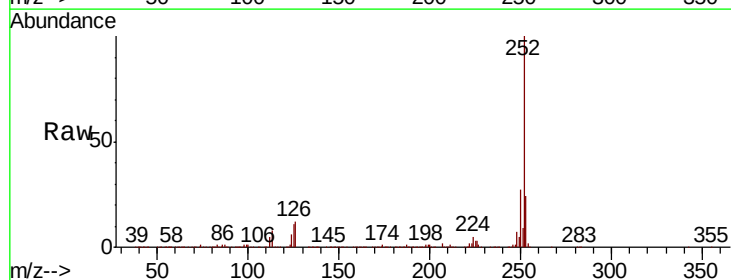
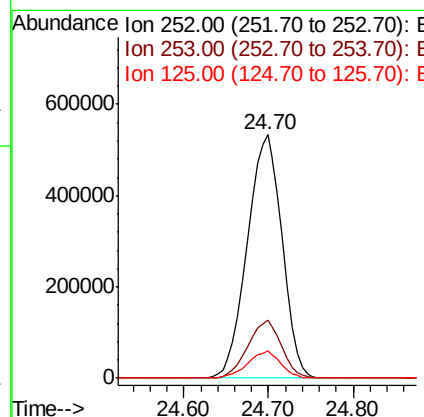
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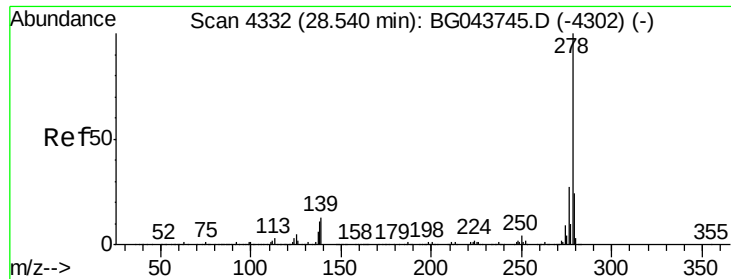
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#90
Benzo(a)pyrene
Concen: 44.337 ng
RT: 24.70 min Scan# 3678
Delta R.T. -0.00 min
Lab File: BG043765.D
Acq: 23 Nov 2019 20:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.2	27.4
125	11.2	8.3	12.5





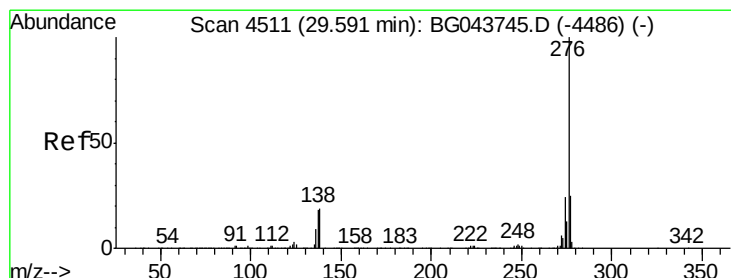
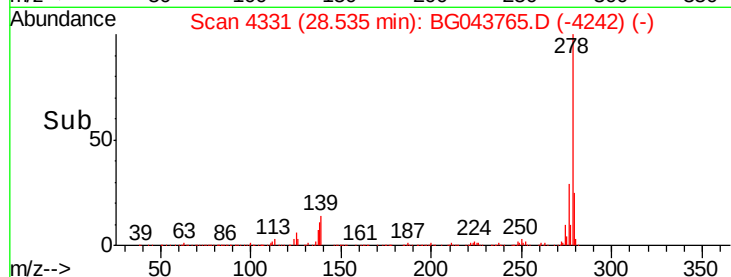
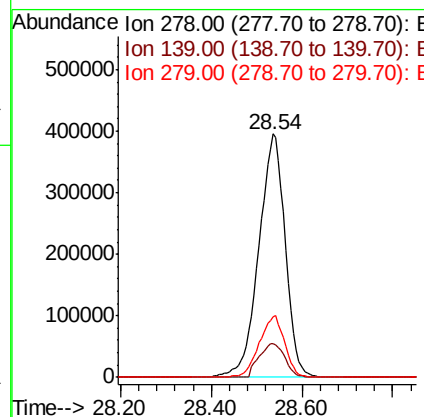
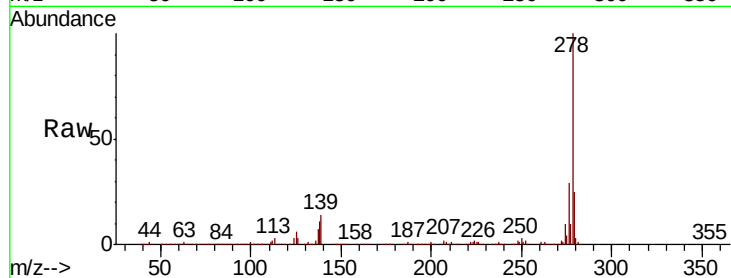
#91
Dibenzo(a,h)anthracene
Concen: 47.890 ng
RT: 28.54 min Scan# 4331
Delta R.T. -0.00 min
Lab File: BG043765.D
Acq: 23 Nov 2019 20:55

Instrument :
BNA_G
ClientSampleId :
SU-02-112019MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.9	10.4	15.6
279	24.8	19.3	28.9

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#92
Benzo(g,h,i)perylene
Concen: 49.208 ng
RT: 29.59 min Scan# 4511
Delta R.T. 0.00 min
Lab File: BG043765.D
Acq: 23 Nov 2019 20:55

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.7	29.5
138	20.4	14.9	22.3

