

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101619\
 Data File : BG043258.D
 Acq On : 16 Oct 2019 23:27
 Operator : JU
 Sample : K5350-05MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-230MSD

Manual Integrations
 APPROVED

mohammad
 10/18/2019 8:26:12 AM

Quant Time: Oct 17 03:08:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 09 01:11:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	53524	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	197349	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	138233	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	316717	20.00	ng	0.00
76) Chrysene-d12	21.70	240	331016	20.00	ng	0.01
87) Perylene-d12	24.93	264	388795	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	341563	113.89	ng	0.00
7) Phenol-d6	7.23	99	485772	112.47	ng	0.00
23) Nitrobenzene-d5	9.21	82	292722	72.09	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	283352	119.21	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	708071	74.26	ng	0.00
79) Terphenyl-d14	20.03	244	1230149	79.19	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.52	88	38722	30.967	ng	86
3) Pyridine	3.92	79	91854	26.117	ng	91
4) n-Nitrosodimethylamine	3.83	42	58766	34.746	ng	# 90
6) Aniline	7.38	93	121405	23.286	ng	96
8) 2-Chlorophenol	7.62	128	131897	42.170	ng	97
9) Benzaldehyde	7.19	77	68243	25.857	ng	81
10) Phenol	7.25	94	168339	42.482	ng	97
11) bis(2-Chloroethyl)ether	7.47	93	105534	34.422	ng	94
12) 1,3-Dichlorobenzene	7.94	146	144216	36.144	ng	98
13) 1,4-Dichlorobenzene	8.09	146	147144	36.994	ng	98
14) 1,2-Dichlorobenzene	8.41	146	141075	37.254	ng	94
15) Benzyl Alcohol	8.29	79	117100	36.062	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.58	45	153927	26.143	ng	94
17) 2-Methylphenol	8.50	107	108440	39.111	ng	96
18) Hexachloroethane	9.13	117	53327	35.599	ng	97
19) n-Nitroso-di-n-propylamine	8.85	70	93616	33.010	ng	96
20) 3+4-Methylphenols	8.83	107	147240	38.751	ng	92
22) Acetophenone	8.87	105	190515	37.451	ng	# 92
24) Nitrobenzene	9.26	77	149965	38.722	ng	94
25) Isophorone	9.77	82	266034	37.302	ng	97
26) 2-Nitrophenol	9.97	139	75576	45.841	ng	93
27) 2,4-Dimethylphenol	10.03	122	118020	46.613	ng	95
28) bis(2-Chloroethoxy)methane	10.26	93	145168	35.875	ng	96
29) 2,4-Dichlorophenol	10.51	162	139728	44.374	ng	95
30) 1,2,4-Trichlorobenzene	10.72	180	156275	38.431	ng	96
31) Naphthalene	10.91	128	396565	40.821	ng	99
32) Benzoic acid	10.19	122	64546	34.942	ng	97
33) 4-Chloroaniline	11.02	127	51946	12.323	ng	93
34) Hexachlorobutadiene	11.20	225	112565	36.970	ng	99
35) Caprolactam	11.79	113	43945m	39.574	ng	
36) 4-Chloro-3-methylphenol	12.14	107	141777	41.410	ng	96
37) 2-Methylnaphthalene	12.51	142	299905	40.467	ng	95
38) 1-Methylnaphthalene	12.72	142	281754	40.178	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	195911	37.694	ng	100

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101619\
 Data File : BG043258.D
 Acq On : 16 Oct 2019 23:27
 Operator : JU
 Sample : K5350-05MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-230MSD

Manual Integrations
 APPROVED

mohammad
 10/18/2019 8:26:12 AM

Quant Time: Oct 17 03:08:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 09 01:11:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	241823	73.023	nq	95
43) 2,4,6-Trichlorophenol	13.12	196	127724	41.986	nq	97
44) 2,4,5-Trichlorophenol	13.19	196	136186	43.457	nq	99
46) 1,1'-Biphenyl	13.51	154	404051	38.544	nq	98
47) 2-Chloronaphthalene	13.56	162	311035	39.575	nq	99
48) 2-Nitroaniline	13.76	65	97220	37.197	nq	93
49) Acenaphthylene	14.40	152	510914	42.483	nq	99
50) Dimethylphthalate	14.13	163	478782	46.227	nq	98
51) 2,6-Dinitrotoluene	14.25	165	92443	41.912	nq	93
52) Acenaphthene	14.74	154	300410	37.319	nq	96
53) 3-Nitroaniline	14.59	138	49025	21.508	nq	90
54) 2,4-Dinitrophenol	14.79	184	105259	76.775	nq	96
55) Dibenzofuran	15.07	168	487878	40.971	nq	98
56) 4-Nitrophenol	14.90	139	136558	78.627	nq	99
57) 2,4-Dinitrotoluene	15.03	165	130307	40.343	nq	96
58) Fluorene	15.73	166	410337	40.362	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	136474	40.901	nq	99
60) Diethylphthalate	15.49	149	394632	37.439	nq	99
61) 4-Chlorophenyl-phenylether	15.71	204	229552	37.649	nq	98
62) 4-Nitroaniline	15.75	138	90447	36.382	nq	96
63) Azobenzene	16.01	77	347554	36.217	nq	99
65) 4,6-Dinitro-2-methylphenol	15.80	198	79911	44.588	nq	94
66) n-Nitrosodiphenylamine	15.93	169	356584	42.649	nq	98
67) 4-Bromophenyl-phenylether	16.61	248	165147	41.545	nq	98
68) Hexachlorobenzene	16.73	284	184471	41.679	nq	97
69) Atrazine	16.88	200	136903	38.885	nq	99
70) Pentachlorophenol	17.08	266	206537	80.871	nq	97
71) Phenanthrene	17.47	178	652799	42.219	nq	99
72) Anthracene	17.56	178	671668	43.513	nq	99
73) Carbazole	17.83	167	598814	41.833	nq	99
74) Di-n-butylphthalate	18.38	149	687134	40.234	nq	99
75) Fluoranthene	19.48	202	848316	41.479	nq	97
77) Benzidine	19.66	184	318840	38.469	nq	98
78) Pyrene	19.83	202	853682	43.209	nq	100
80) Butylbenzylphthalate	20.72	149	311260	41.505	nq	95
81) Benzo(a)anthracene	21.68	228	839209	40.688	nq	99
82) 3,3'-Dichlorobenzidine	21.60	252	201246	24.877	nq	99
83) Chrysene	21.75	228	827414	41.339	nq	97
84) Bis(2-ethylhexyl)phthalate	21.58	149	432480	40.528	nq	99
85) Di-n-octyl phthalate	22.79	149	749849	42.973	nq	95
86) Indeno(1,2,3-cd)pyrene	28.61	276	1082551	43.446	nq	# 96
88) Benzo(b)fluoranthene	23.91	252	888775	40.401	nq	98
89) Benzo(k)fluoranthene	23.97	252	912166	41.913	nq	99
90) Benzo(a)pyrene	24.77	252	888914	42.828	nq	99
91) Dibenzo(a,h)anthracene	28.67	278	922683	43.353	nq	99
92) Benzo(g,h,i)perylene	29.76	276	898266	43.560	nq	97

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



#1

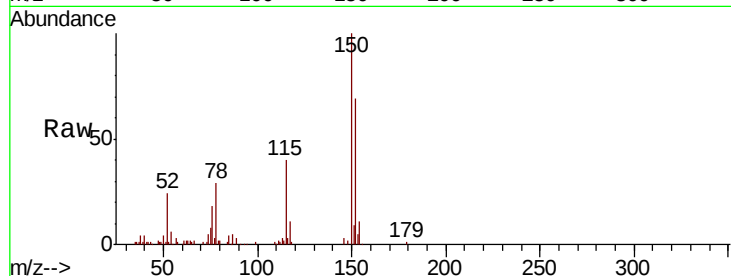
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG043258.D
Acq: 16 Oct 2019 23:27

Instrument :
BNA_G
ClientSampleId :
VNJ-230MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.7	115.0	172.4
115	57.5	47.0	70.6

Manual Integrations
APPROVED

mohammad
10/18/2019 8:26:12 AM

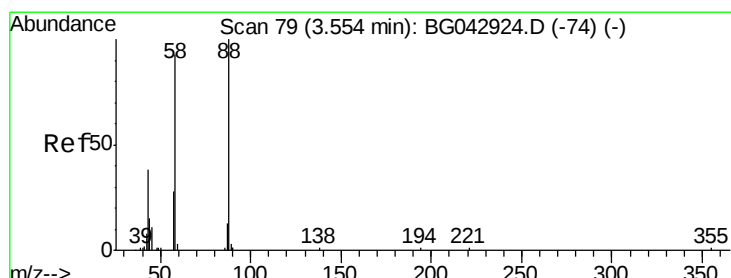
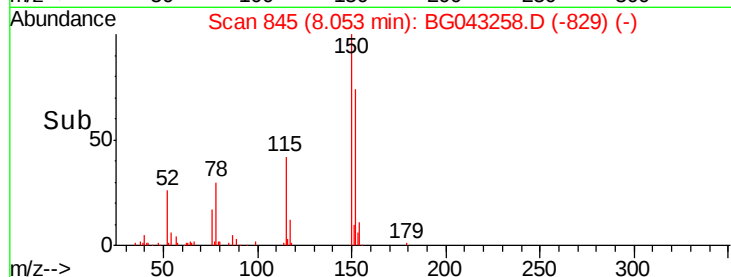
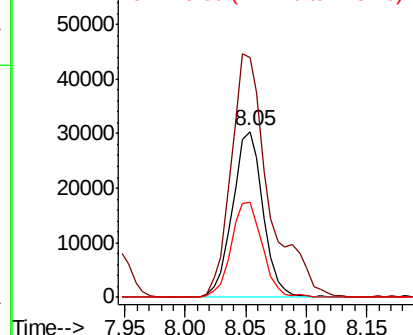


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

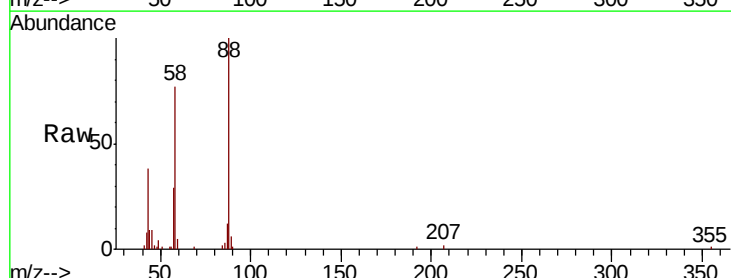
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 30.967 ng
RT: 3.52 min Scan# 74
Delta R.T. -0.01 min
Lab File: BG043258.D
Acq: 16 Oct 2019 23:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.5	74.3	111.5
43	31.4	29.8	44.8

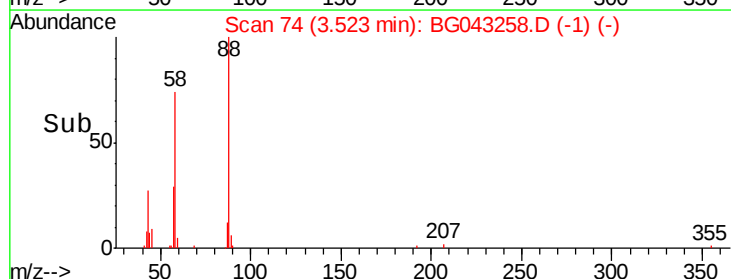
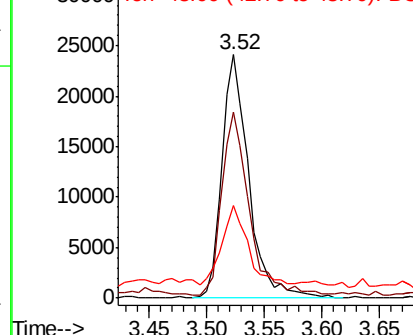


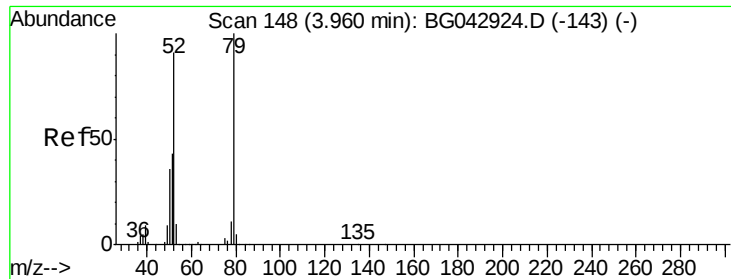
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 26.117 ng

RT: 3.92 min Scan# 142

Delta R.T. -0.01 min

Lab File: BG043258.D

Acq: 16 Oct 2019 23:27

Instrument :

BNA_G

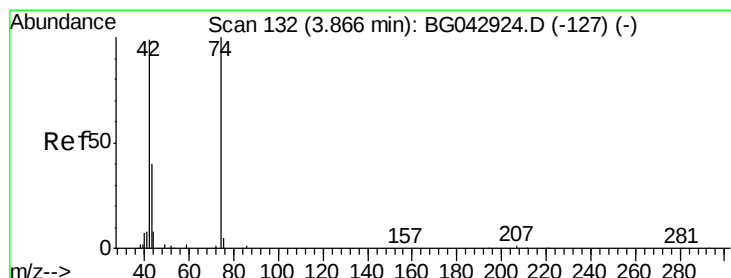
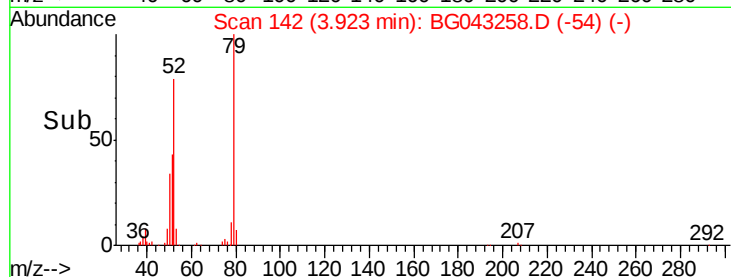
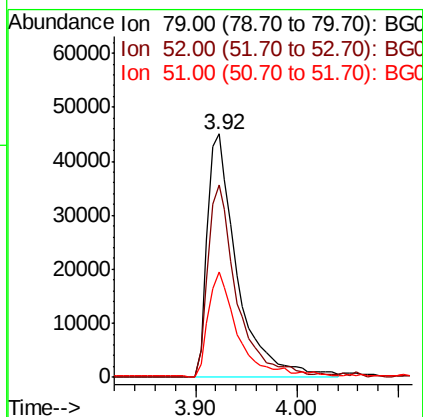
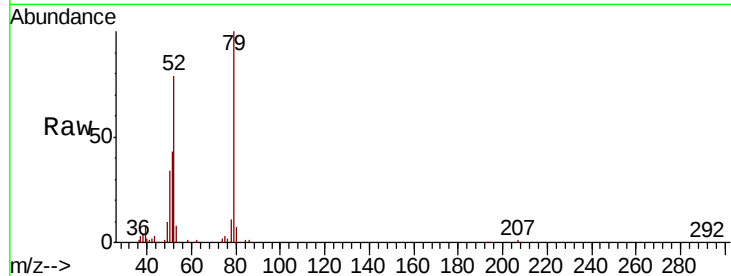
ClientSampleId :

VNJ-230MSD

Tot Ion:	79	Resp:	91854
Ion	Ratio	Lower	Upper
79	100		
52	79.0	73.0	109.4
51	43.5	35.1	52.7

Manual Integrations
APPROVED

mohammad
10/18/2019 8:26:12 AM



#4

n-Nitrosodimethylamine

Concen: 34.746 ng

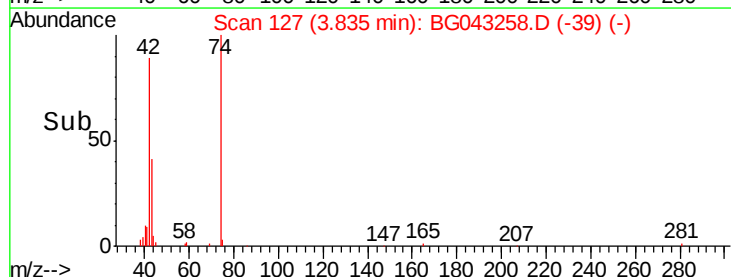
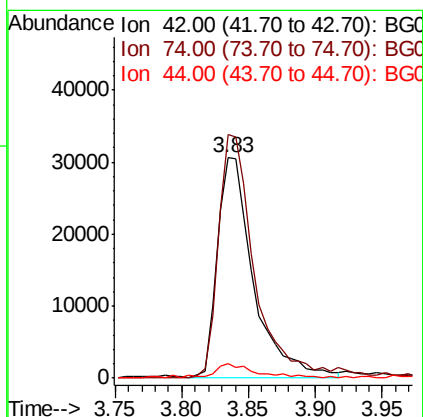
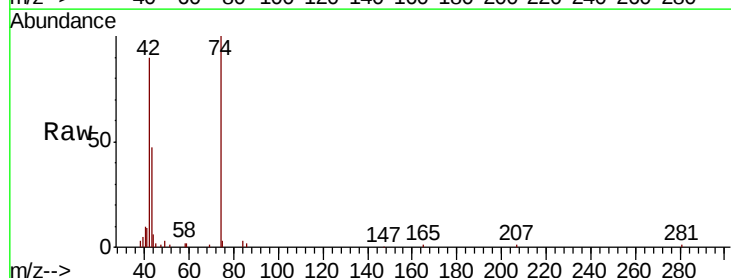
RT: 3.83 min Scan# 127

Delta R.T. -0.01 min

Lab File: BG043258.D

Acq: 16 Oct 2019 23:27

Tgt Ion:	42	Resp:	58766
Ion	Ratio	Lower	Upper
42	100		
74	110.6	80.5	120.7
44	6.5	6.9	10.3#





#5

2-Fluorophenol

Concen: 113.885 ng

RT: 5.63 min Scan# 433

Delta R.T. -0.01 min

Lab File: BG043258.D

Acq: 16 Oct 2019 23:27

Instrument :

BNA_G

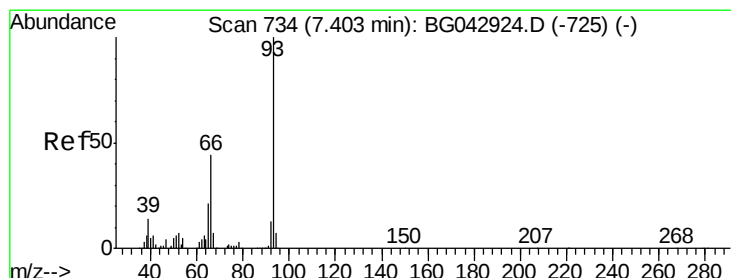
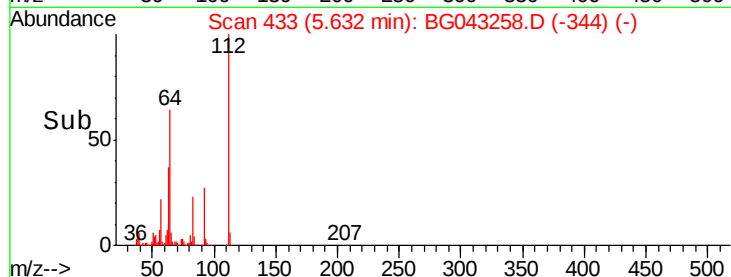
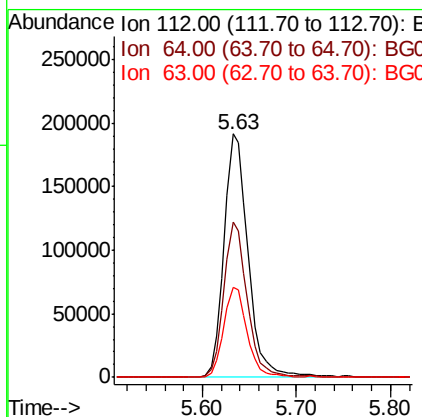
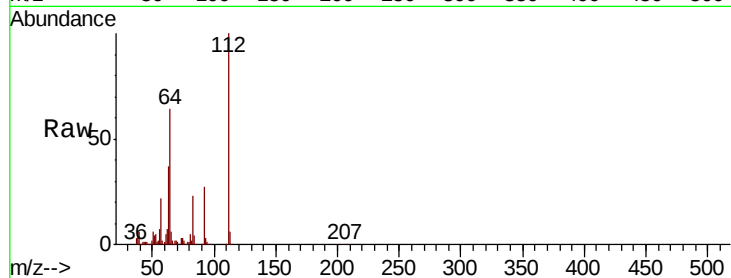
ClientSampleId :

VNJ-230MSD

Tot Ion:	112	Resp:	341563
Ion Ratio	Lower	Upper	
112	100		
64	63.8	56.6	84.8
63	36.8	35.1	52.7

Manual Integrations
APPROVED

mohammad
10/18/2019 8:26:12 AM



#6

Aniline

Concen: 23.286 ng

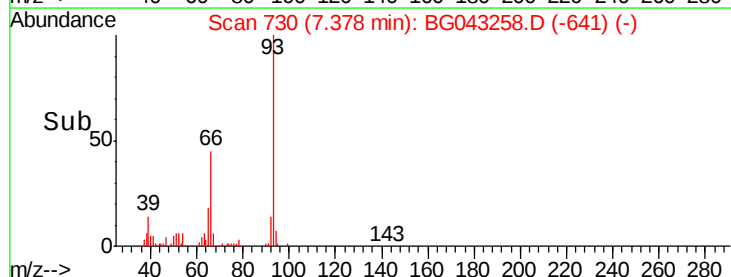
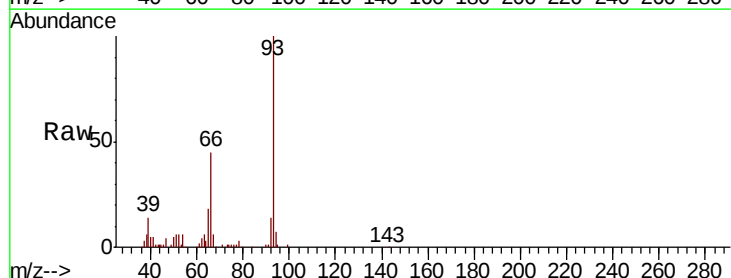
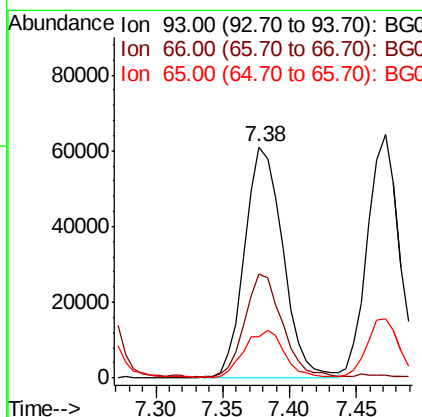
RT: 7.38 min Scan# 730

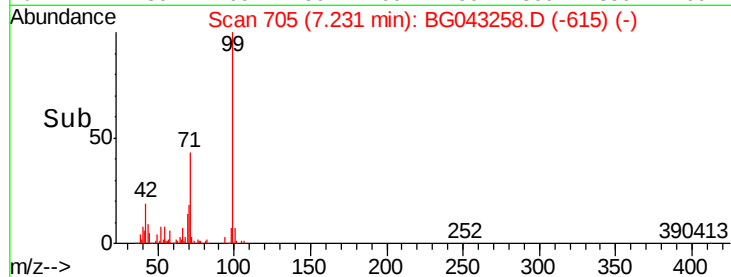
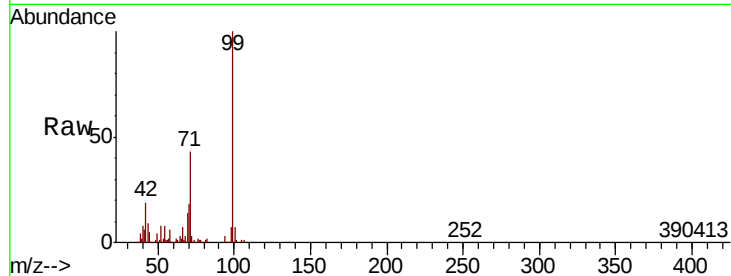
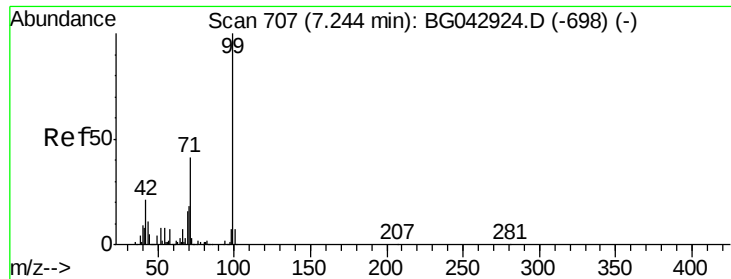
Delta R.T. -0.01 min

Lab File: BG043258.D

Acq: 16 Oct 2019 23:27

Tgt Ion:	93	Resp:	121405
Ion Ratio	Lower	Upper	
93	100		
66	44.9	35.0	52.6
65	18.1	17.4	26.0





#7

Phenol-d6

Concen: 112.473 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG043258.D

Acq: 16 Oct 2019 23:27

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		485772		
42	19.0	17.2	25.8		
71	42.9	33.1	49.7		

Instrument :

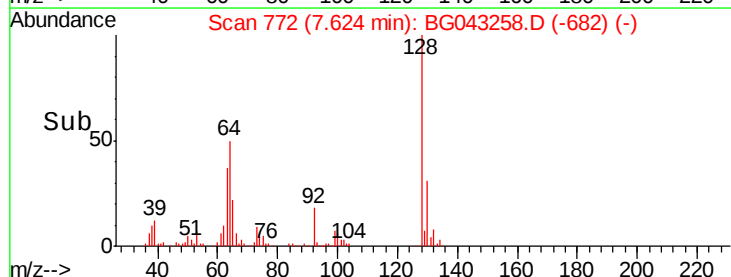
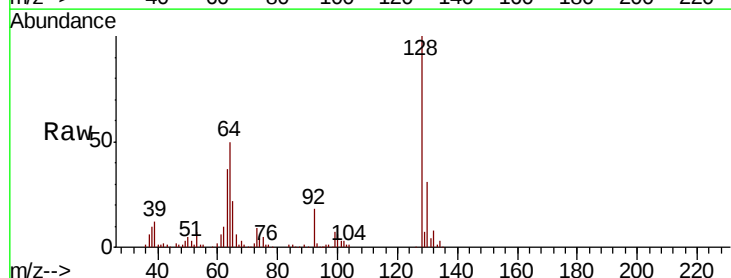
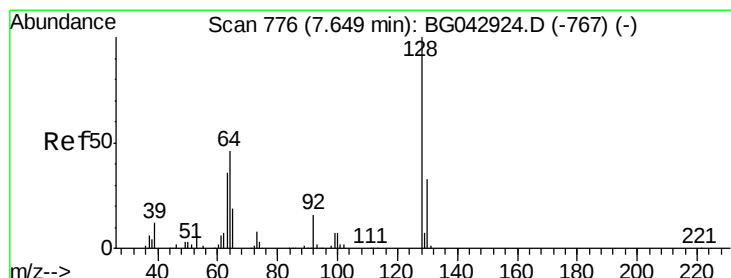
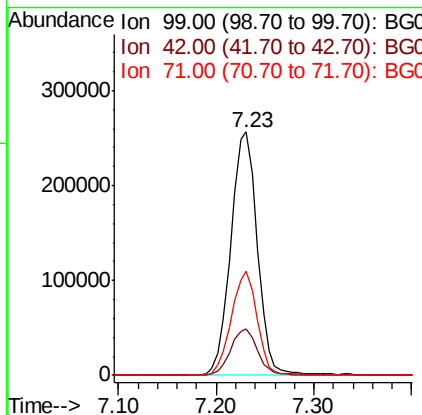
BNA_G

ClientSampleId :

VNJ-230MSD

Manual Integrations
APPROVED

mohammad
10/18/2019 8:26:12 AM



#8

2-Chlorophenol

Concen: 42.170 ng

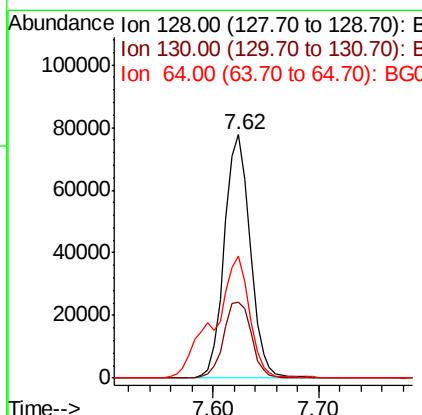
RT: 7.62 min Scan# 772

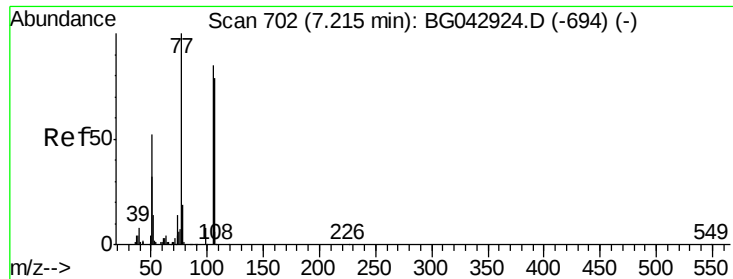
Delta R.T. -0.00 min

Lab File: BG043258.D

Acq: 16 Oct 2019 23:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		131897		
130	31.4	12.5	52.5		
64	50.0	32.8	72.8		





#9

Benzaldehyde

Concen: 25.857 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG043258.D

Acq: 16 Oct 2019 23:27

Instrument :

BNA_G

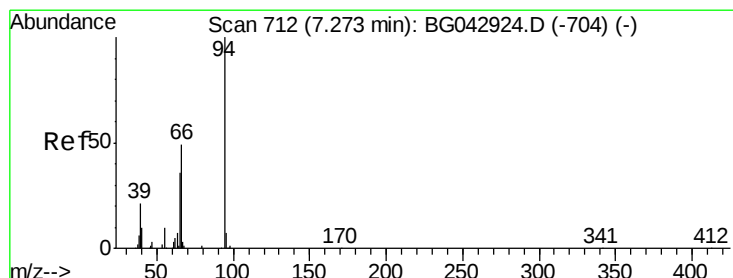
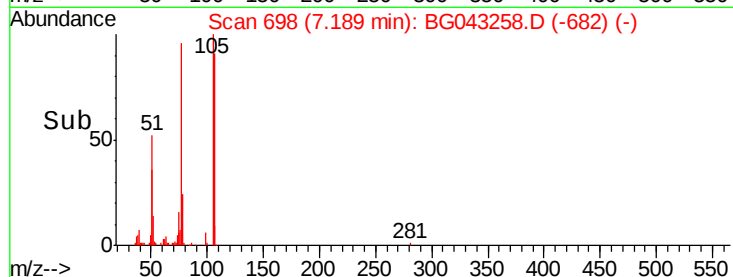
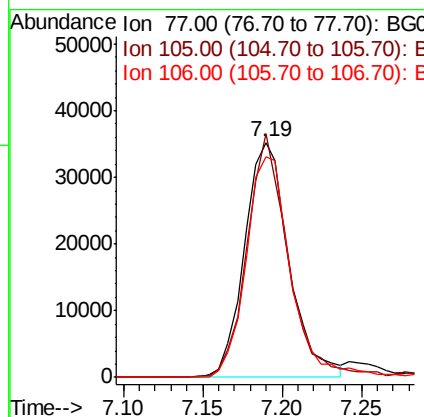
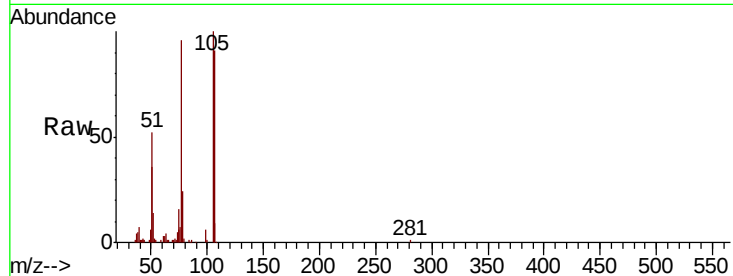
ClientSampleId :

VNJ-230MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	103.6	64.6	104.6
106	94.1	59.4	99.4

Manual Integrations
APPROVED

mohammad
10/18/2019 8:26:12 AM



#10

Phenol

Concen: 42.482 ng

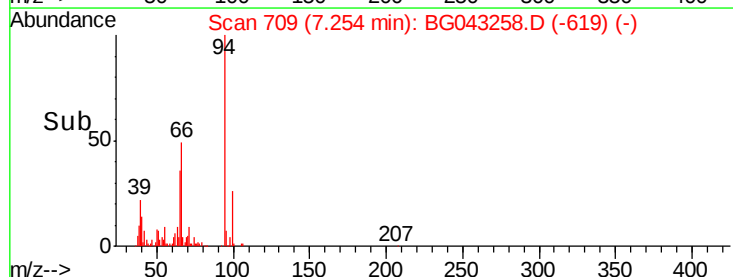
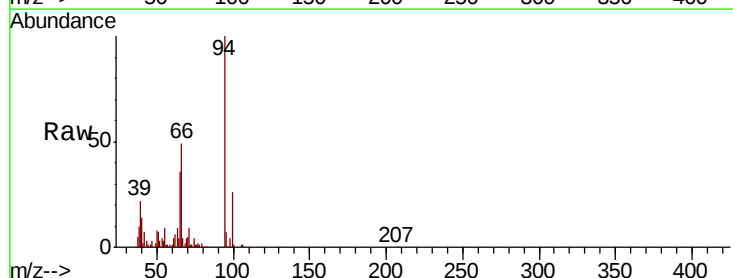
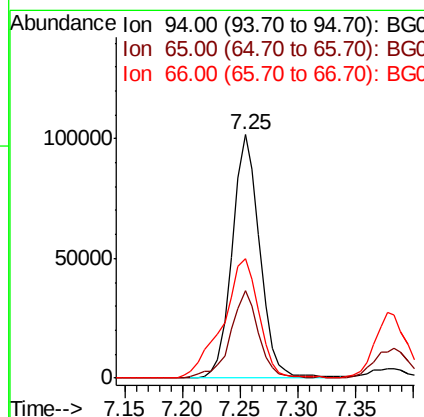
RT: 7.25 min Scan# 709

Delta R.T. -0.00 min

Lab File: BG043258.D

Acq: 16 Oct 2019 23:27

Tgt Ion	Ratio	Lower	Upper
94	100		
65	36.0	16.6	56.6
66	49.2	32.4	72.4





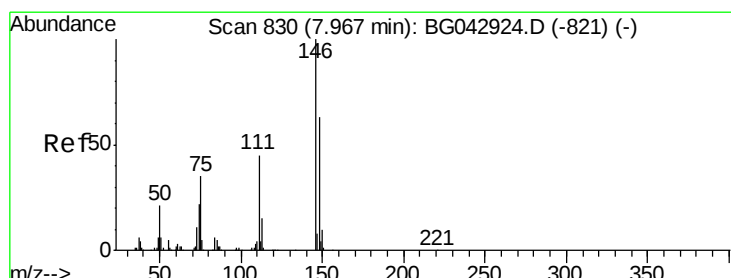
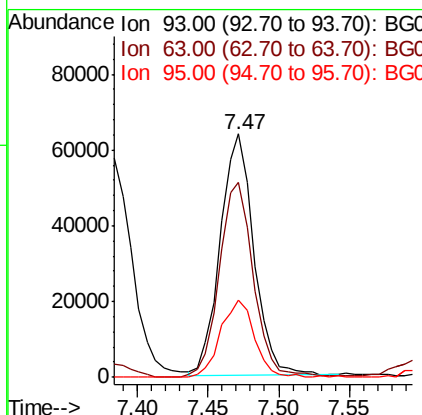
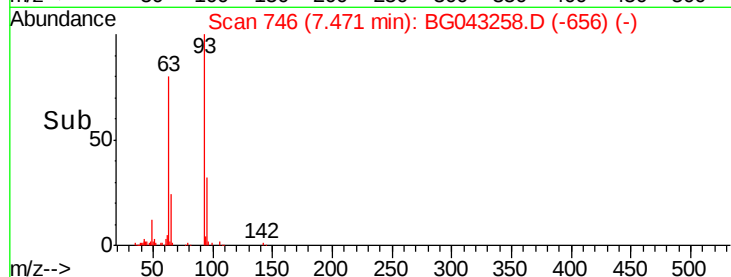
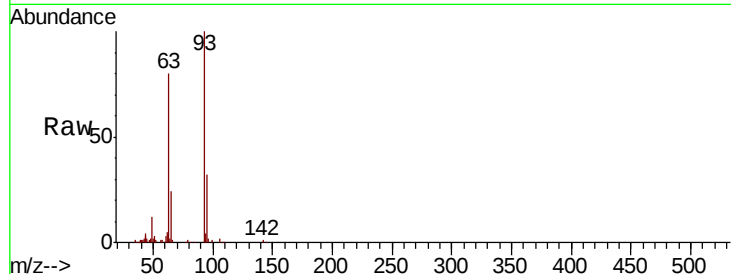
#11
bis(2-Chloroethyl)ether
Concen: 34.422 ng
RT: 7.47 min Scan# 746
Delta R.T. -0.00 min
Lab File: BG043258.D
Acq: 16 Oct 2019 23:27

Instrument :
BNA_G
ClientSampleId :
VNJ-230MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	80.0	67.4	107.4
95	31.7	11.9	51.9

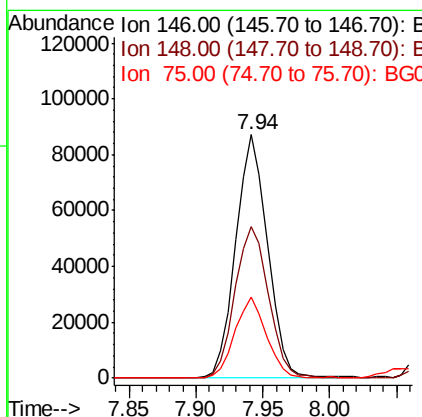
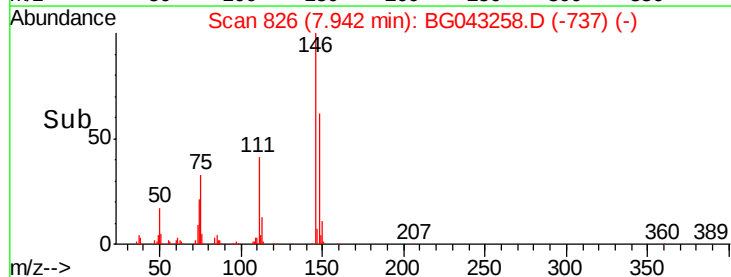
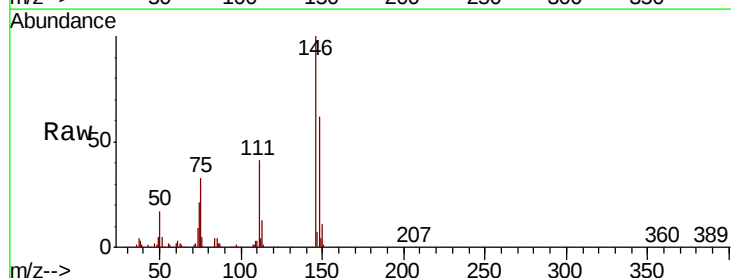
Manual Integrations
APPROVED

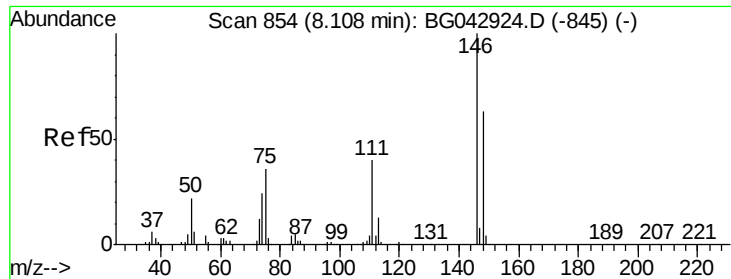
mohammad
10/18/2019 8:26:12 AM



#12
1,3-Dichlorobenzene
Concen: 36.144 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG043258.D
Acq: 16 Oct 2019 23:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.3	50.7	76.1
75	33.4	27.7	41.5





#13

1,4-Dichlorobenzene

Concen: 36.994 ng

RT: 8.09 min Scan# 851

Delta R.T. -0.00 min

Lab File: BG043258.D

Acq: 16 Oct 2019 23:27

Instrument :

BNA_G

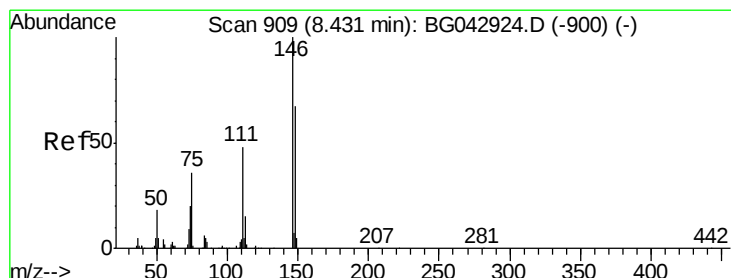
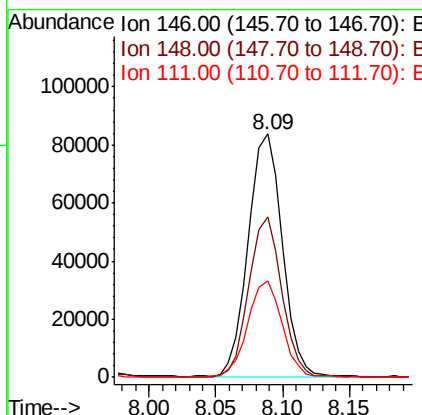
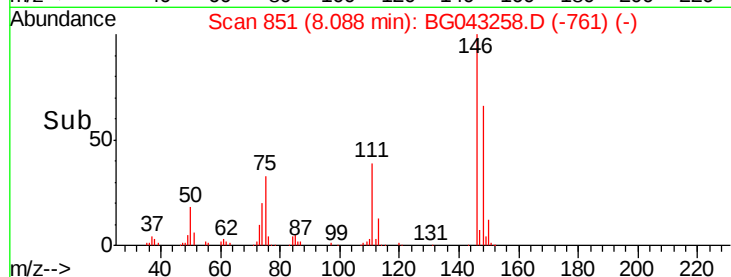
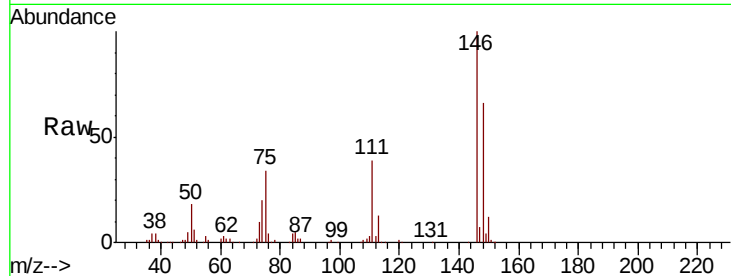
ClientSampleId :

VNJ-230MSD

Tot Ion:	146	Resp:	147144
Ion Ratio	Lower	Upper	
146	100		
148	65.9	50.9	76.3
111	39.5	31.8	47.8

Manual Integrations
APPROVED

mohammad
10/18/2019 8:26:12 AM



#14

1,2-Dichlorobenzene

Concen: 37.254 ng

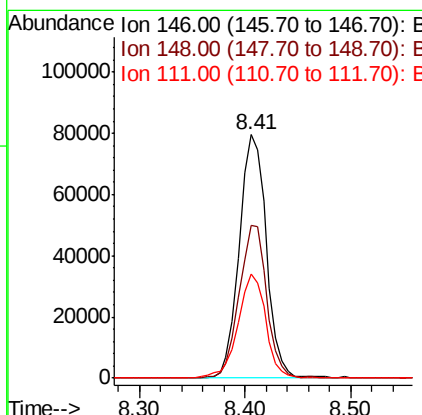
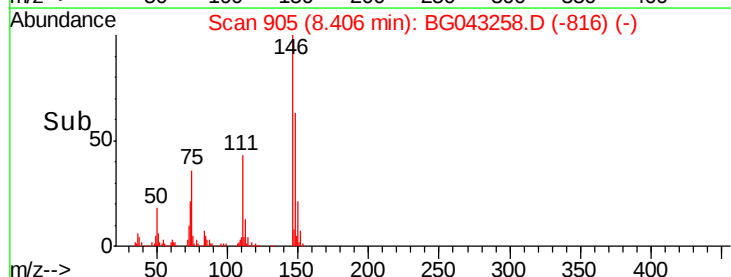
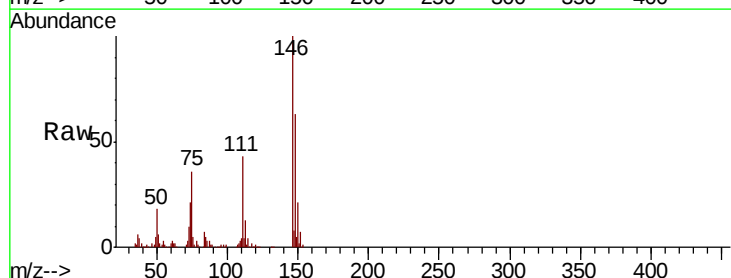
RT: 8.41 min Scan# 905

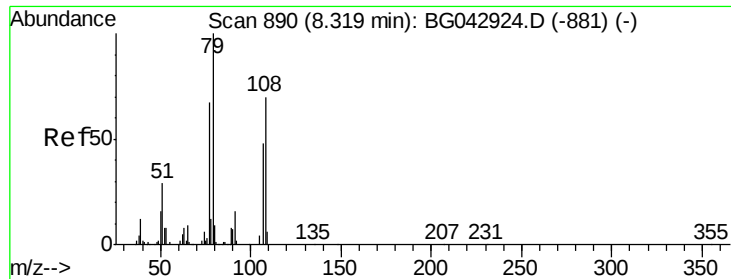
Delta R.T. -0.01 min

Lab File: BG043258.D

Acq: 16 Oct 2019 23:27

Tgt Ion:	146	Resp:	141075
Ion Ratio	Lower	Upper	
146	100		
148	62.9	53.4	80.2
111	42.7	38.5	57.7





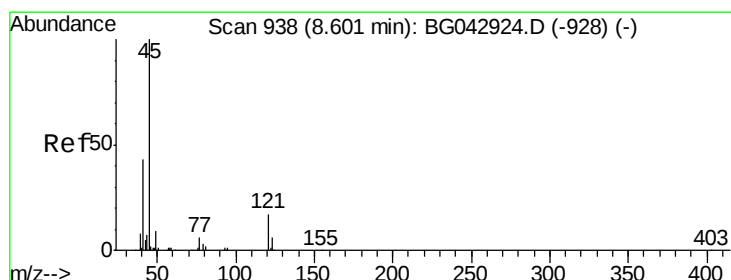
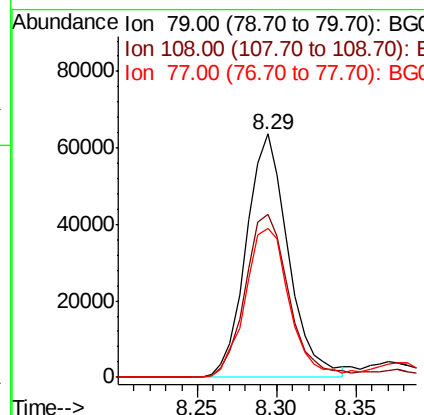
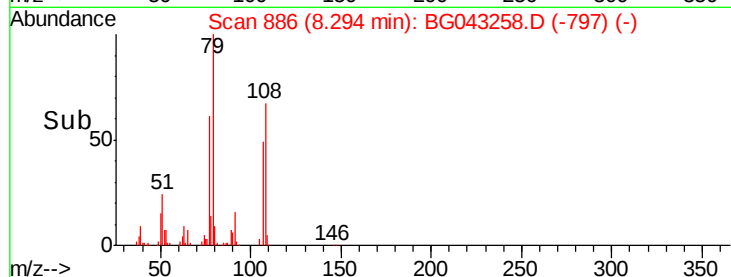
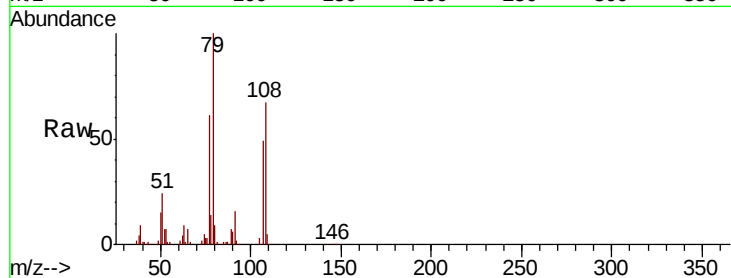
#15
Benzyl Alcohol
Concen: 36.062 ng
RT: 8.29 min Scan# 886
Delta R.T. -0.01 min
Lab File: BG043258.D
Acq: 16 Oct 2019 23:27

Instrument :
BNA_G
ClientSampleId :
VNJ-230MSD

Tot Ion	79	Resp	117100
Ion Ratio	Lower	Upper	
79	100		
108	66.8	55.7	83.5
77	61.3	53.3	79.9

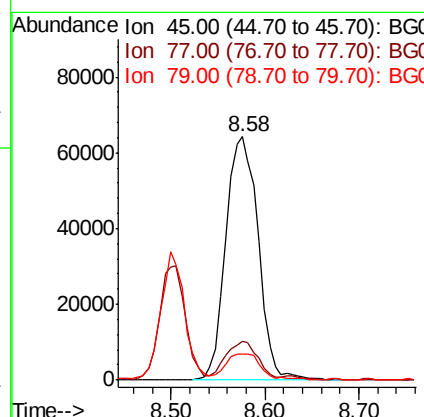
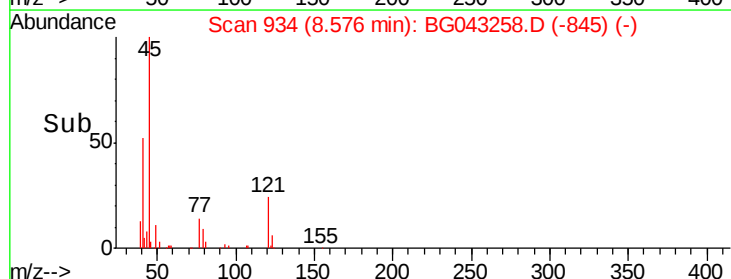
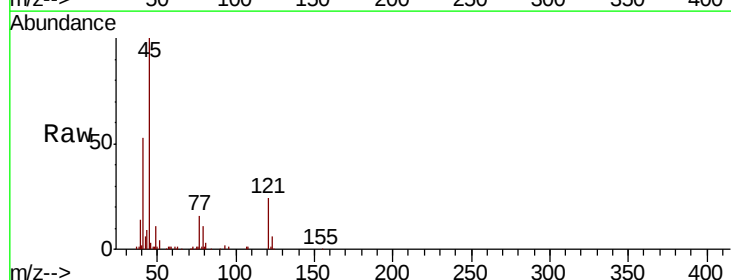
Manual Integrations
APPROVED

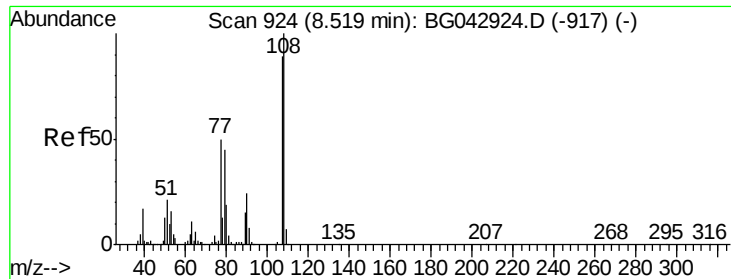
mohammad
10/18/2019 8:26:12 AM



#16
2,2'-oxybis(1-chloropropane)
Concen: 26.143 ng
RT: 8.58 min Scan# 934
Delta R.T. -0.01 min
Lab File: BG043258.D
Acq: 16 Oct 2019 23:27

Tgt Ion	45	Resp	153927
Ion Ratio	Lower	Upper	
45	100		
77	16.0	0.0	32.8
79	10.8	0.0	29.4





#17

2-Methylphenol

Concen: 39.111 ng

RT: 8.50 min Scan# 921

Delta R.T. -0.00 min

Lab File: BG043258.D

Acq: 16 Oct 2019 23:27

Instrument :

BNA_G

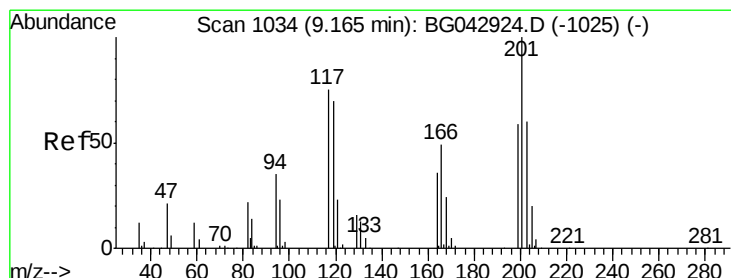
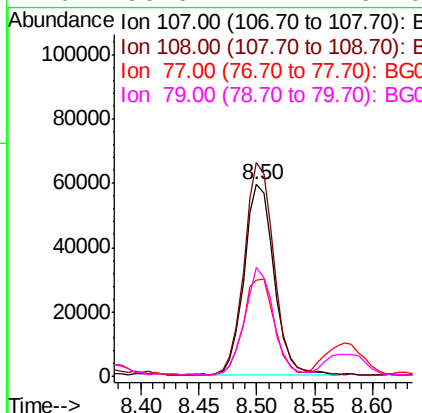
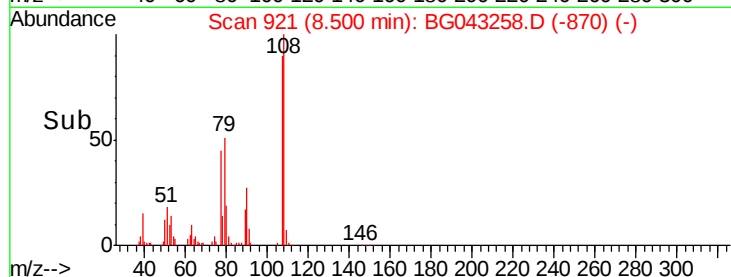
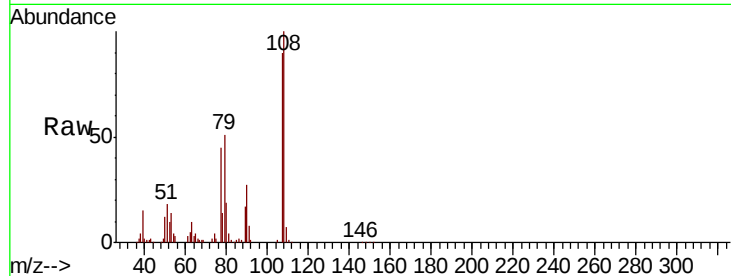
ClientSampled :

VNJ-230MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.3	89.9	134.9	
77	50.3	45.4	68.2	
79	56.6	41.4	62.0	

Manual Integrations
APPROVED

mohammad
10/18/2019 8:26:12 AM



#18

Hexachloroethane

Concen: 35.599 ng

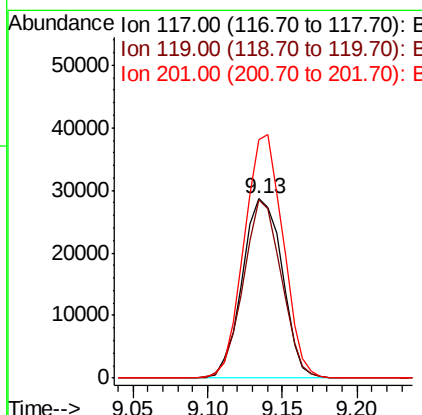
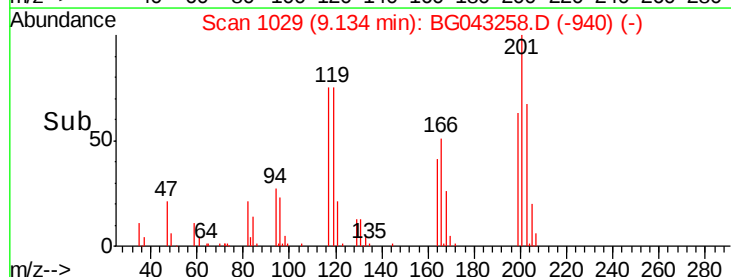
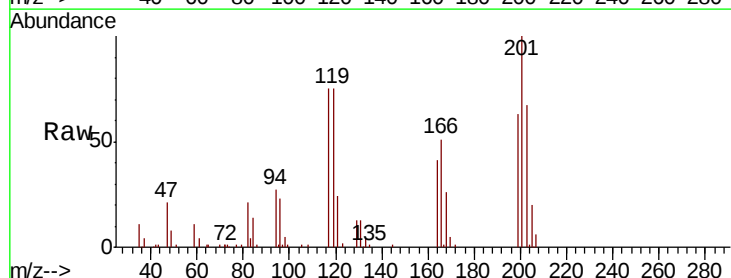
RT: 9.13 min Scan# 1029

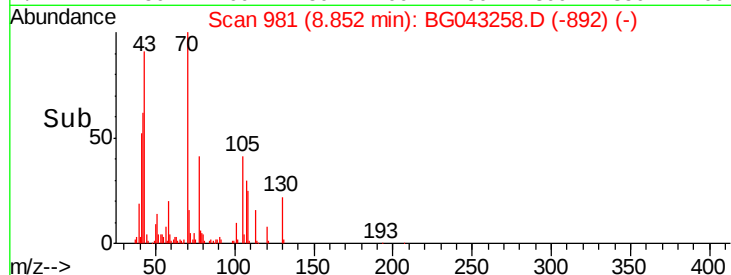
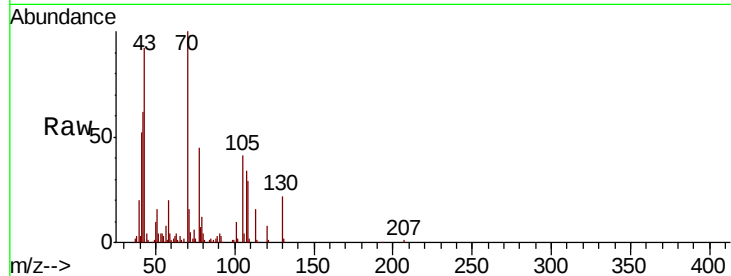
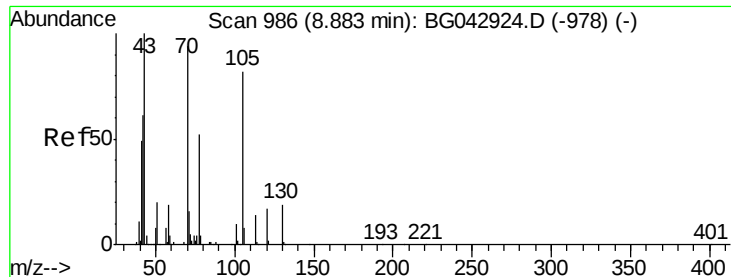
Delta R.T. -0.01 min

Lab File: BG043258.D

Acq: 16 Oct 2019 23:27

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.5	74.6	111.8	
201	132.8	106.0	159.0	





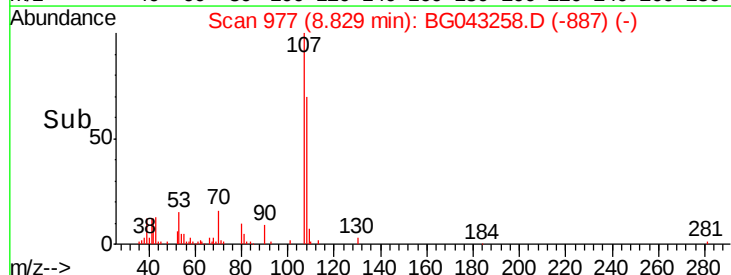
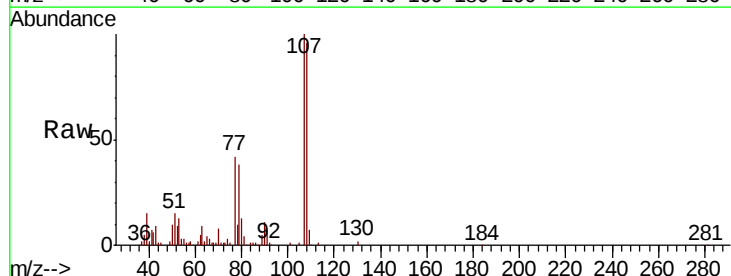
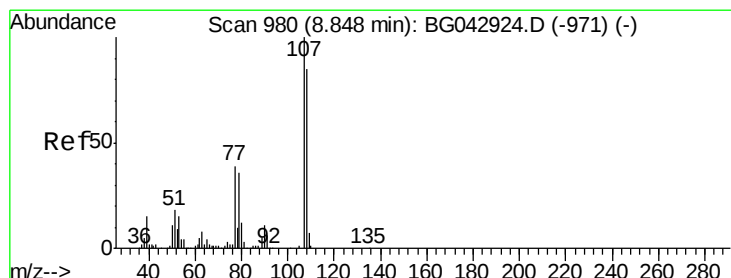
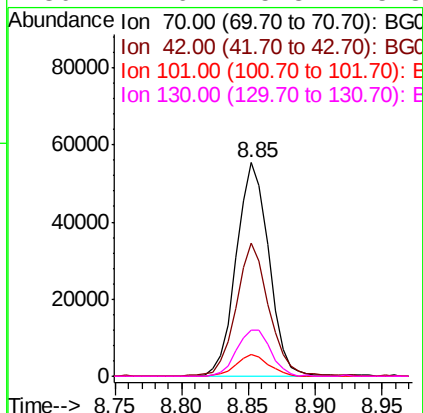
#19
n-Nitroso-di-n-propylamine
Concen: 33.010 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.01 min
Lab File: BG043258.D
Acq: 16 Oct 2019 23:27

Instrument :
BNA_G
ClientSampleId :
VNJ-230MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	62.2	52.6	79.0	
101	10.2	8.7	13.1	
130	21.6	15.8	23.8	

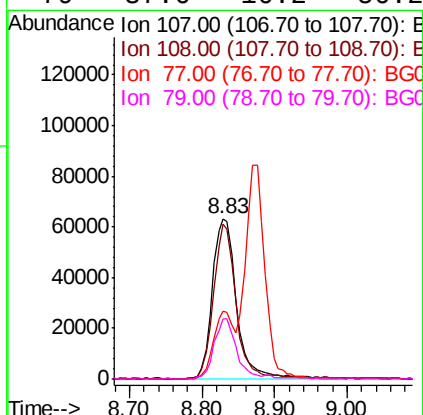
Manual Integrations
APPROVED

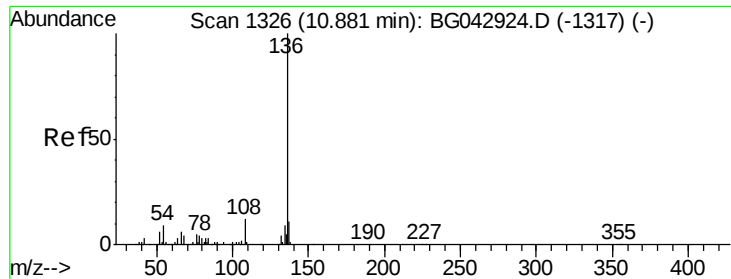
mohammad
10/18/2019 8:26:12 AM



#20
3+4-Methylphenols
Concen: 38.751 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG043258.D
Acq: 16 Oct 2019 23:27

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	96.2	64.9	104.9	
77	42.3	19.4	59.4	
79	37.6	16.2	56.2	





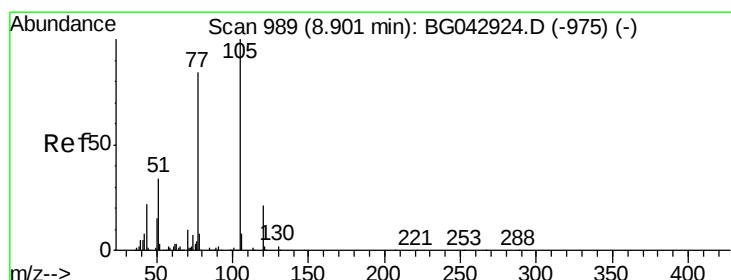
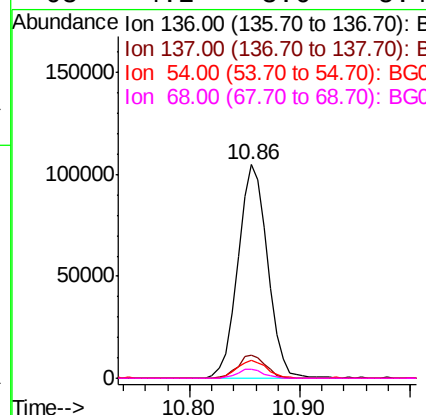
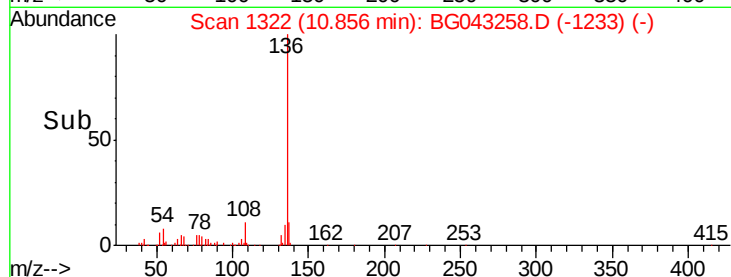
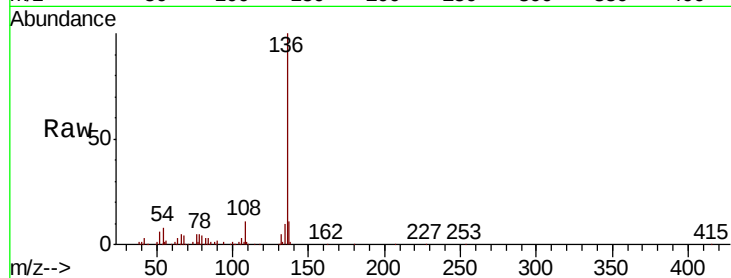
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG043258.D
Acq: 16 Oct 2019 23:27

Instrument :
BNA_G
ClientSampleId :
VNJ-230MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	197349		
137	10.6		8.5	12.7
54	8.5		7.4	11.2
68	4.2		3.6	5.4

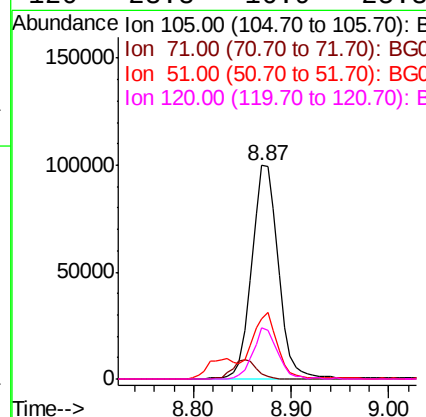
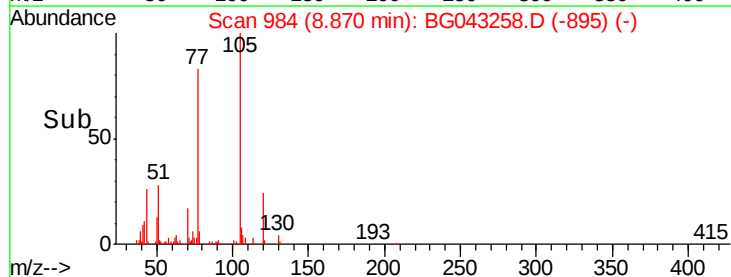
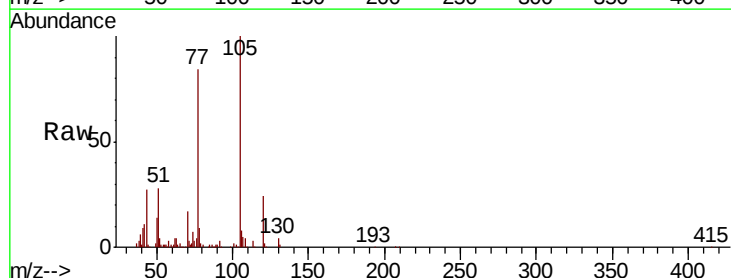
Manual Integrations
APPROVED

mohammad
10/18/2019 8:26:12 AM



#22
Acetophenone
Concen: 37.451 ng
RT: 8.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BG043258.D
Acq: 16 Oct 2019 23:27

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	190515		
71	2.7		1.2	1.8#
51	28.4		27.2	40.8
120	23.8		16.9	25.3





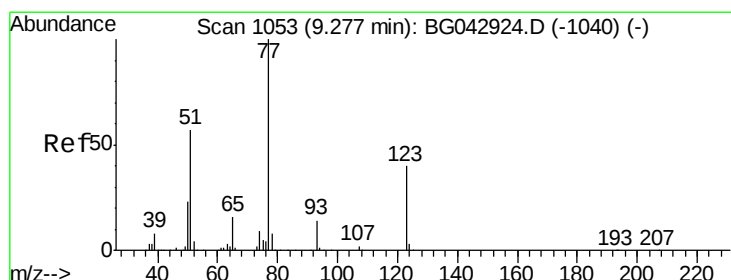
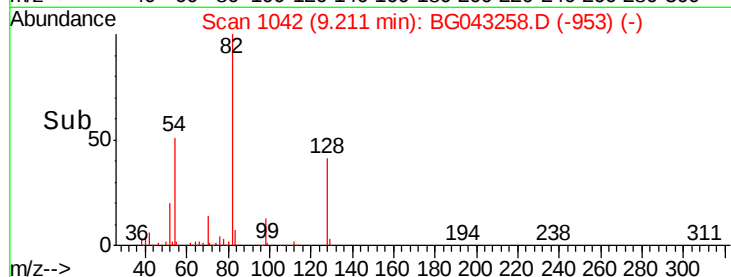
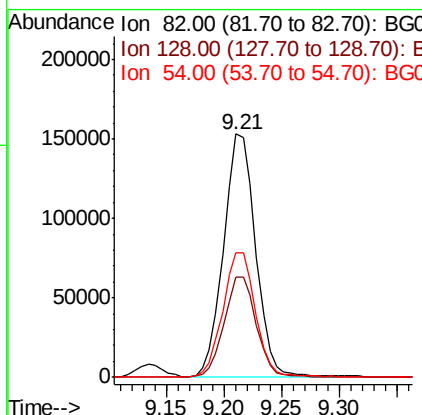
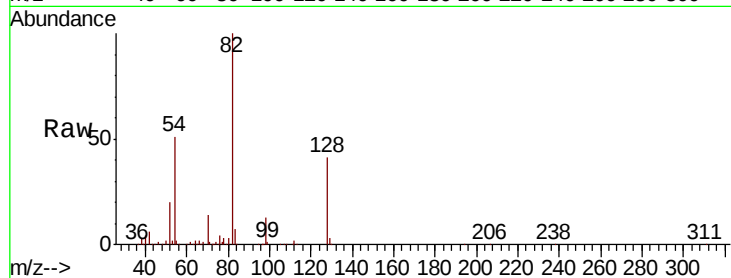
#23
Nitrobenzene-d5
Concen: 72.095 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BG043258.D
Acq: 16 Oct 2019 23:27

Instrument :
BNA_G
ClientSampleId :
VNJ-230MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	292722		
128	41.4	29.5	44.3	
54	51.3	44.6	67.0	

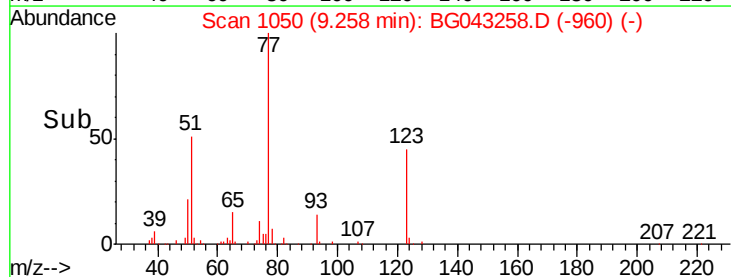
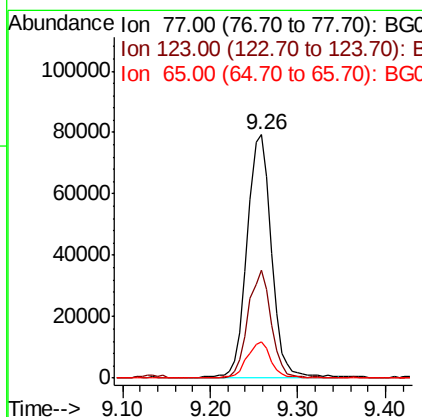
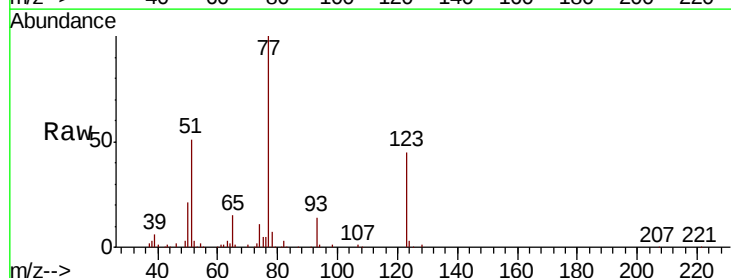
Manual Integrations
APPROVED

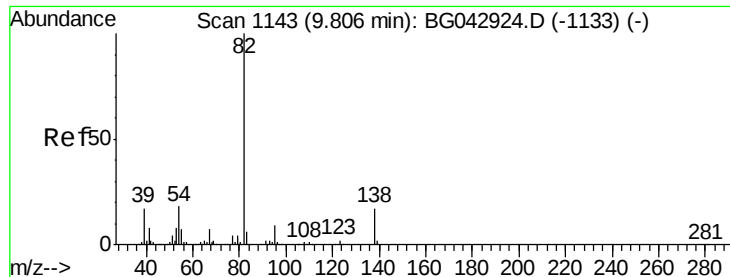
mohammad
10/18/2019 8:26:12 AM



#24
Nitrobenzene
Concen: 38.722 ng
RT: 9.26 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BG043258.D
Acq: 16 Oct 2019 23:27

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	149965		
123	44.6	31.9	47.9	
65	15.1	12.4	18.6	





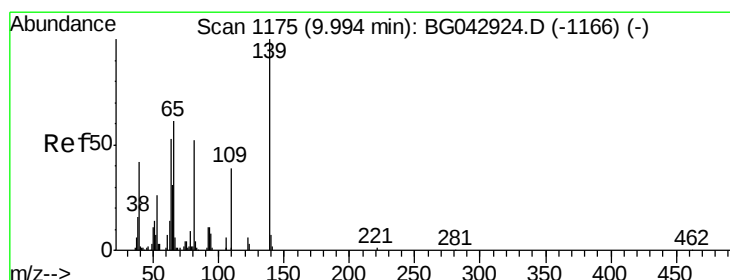
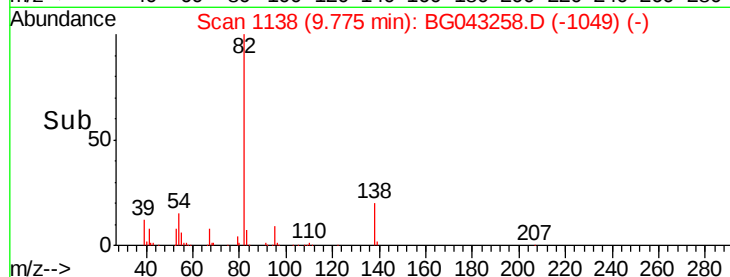
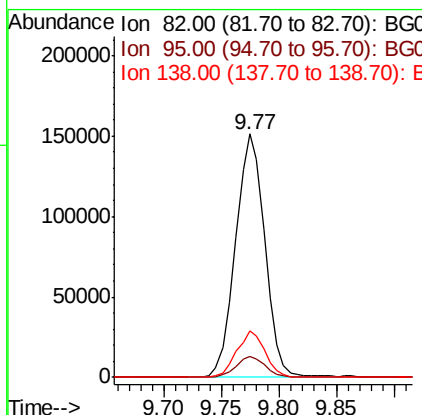
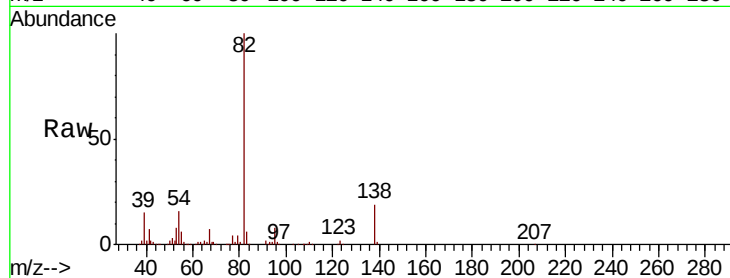
#25
Isophorone
Concen: 37.302 ng
RT: 9.77 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BG043258.D
Acq: 16 Oct 2019 23:27

Instrument :
BNA_G
ClientSampleId :
VNJ-230MSD

Tot Ion	Ratio	Lower	Upper
82	100		
95	8.4	7.0	10.4
138	19.3	13.8	20.6

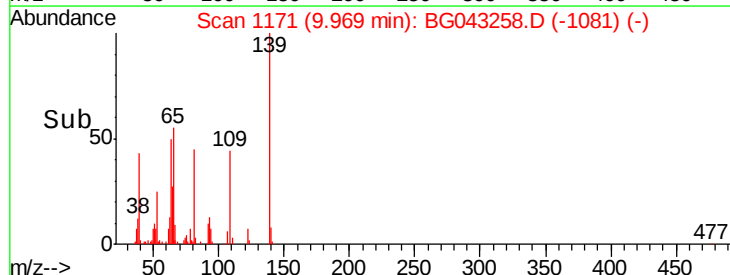
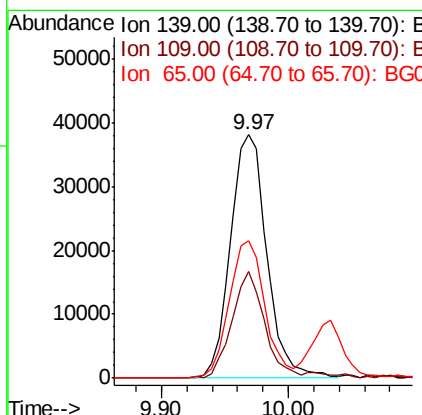
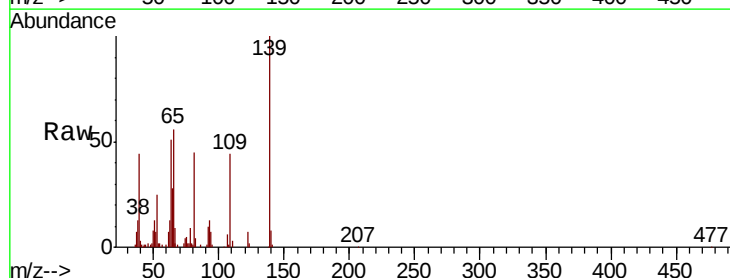
Manual Integrations
APPROVED

mohammad
10/18/2019 8:26:12 AM



#26
2-Nitrophenol
Concen: 45.841 ng
RT: 9.97 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BG043258.D
Acq: 16 Oct 2019 23:27

Tgt Ion	Ratio	Lower	Upper
139	100		
109	44.0	31.0	46.6
65	56.2	48.4	72.6





#27

2,4-Dimethylphenol

Concen: 46.613 ng

RT: 10.03 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BG043258.D

Acq: 16 Oct 2019 23:27

Instrument :

BNA_G

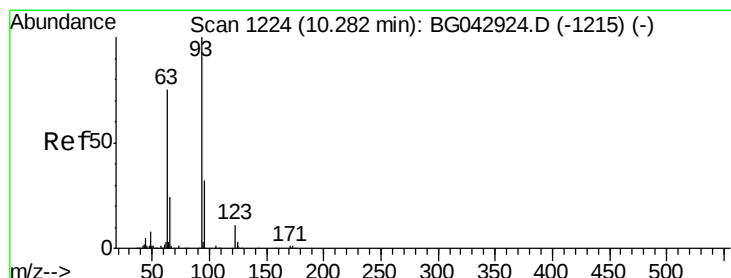
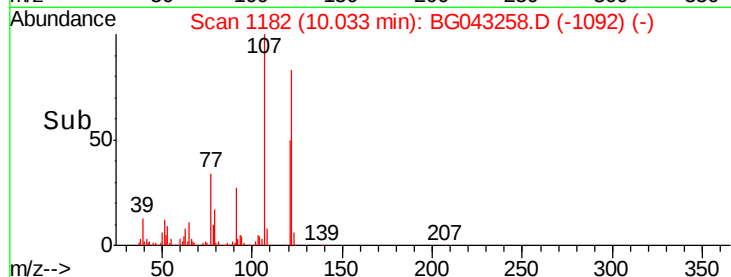
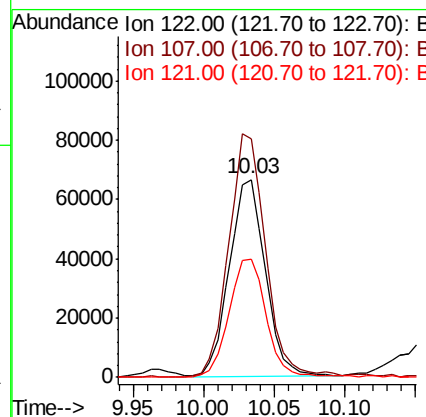
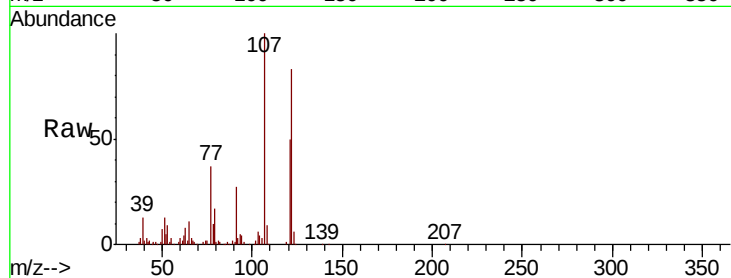
ClientSampleId :

VNJ-230MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	120.3	102.2	153.2
121	59.8	48.5	72.7

Manual Integrations
APPROVED

mohammad
10/18/2019 8:26:12 AM



#28

bis(2-Chloroethoxy)methane

Concen: 35.875 ng

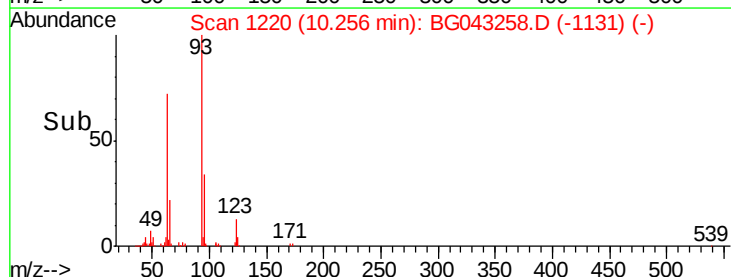
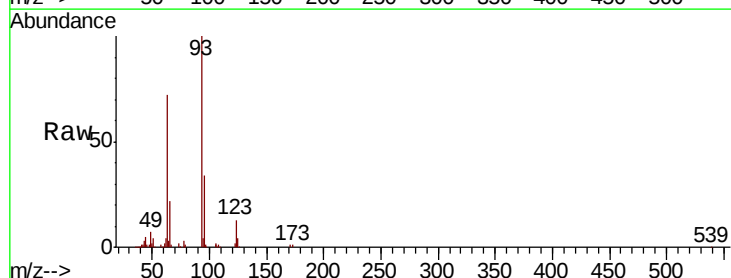
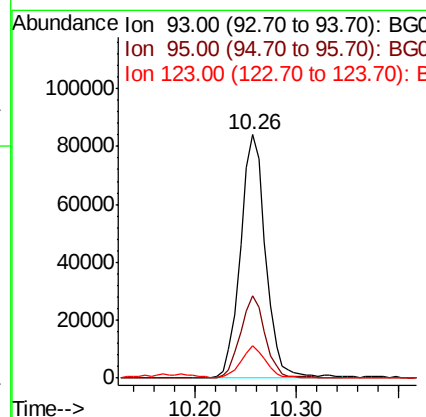
RT: 10.26 min Scan# 1220

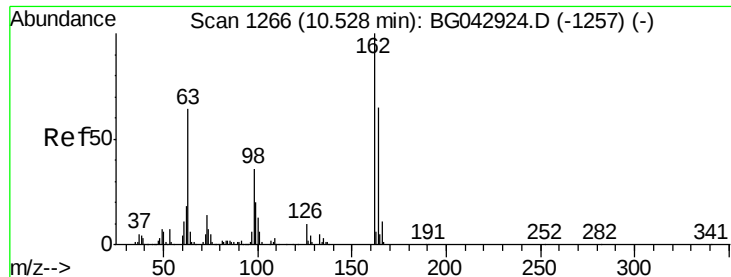
Delta R.T. -0.01 min

Lab File: BG043258.D

Acq: 16 Oct 2019 23:27

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.9	25.4	38.0
123	13.4	9.3	13.9





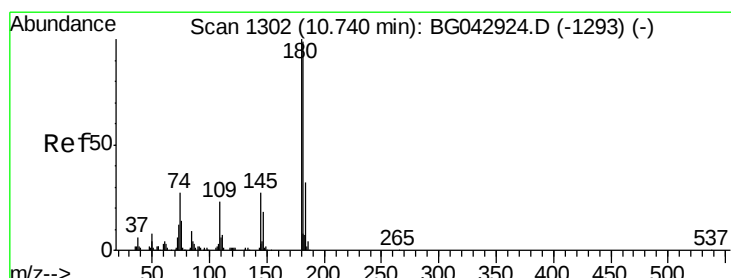
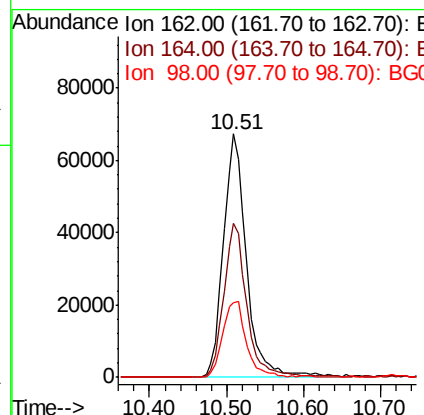
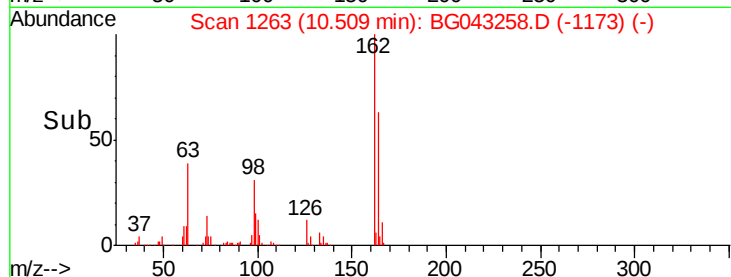
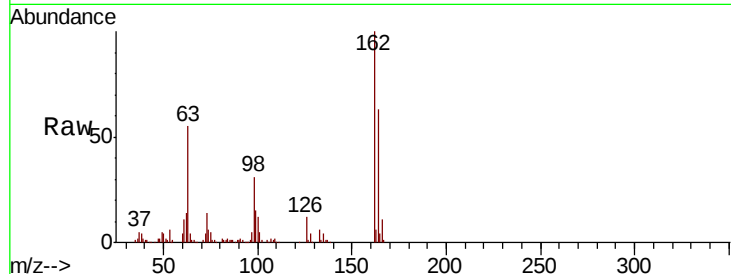
#29
 2,4-Dichlorophenol
 Concen: 44.374 ng
 RT: 10.51 min Scan# 1263
 Delta R.T. -0.00 min
 Lab File: BG043258.D
 Acq: 16 Oct 2019 23:27

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-230MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.0	44.7	84.7
98	30.8	16.0	56.0

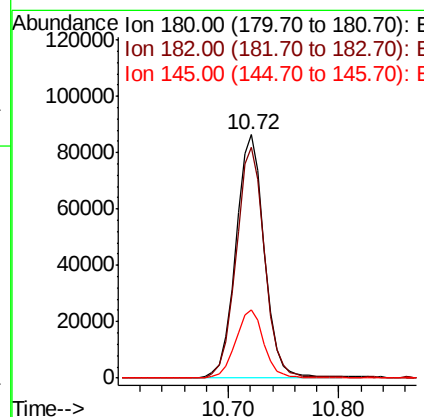
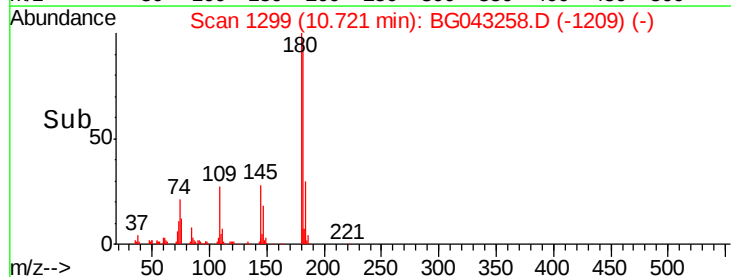
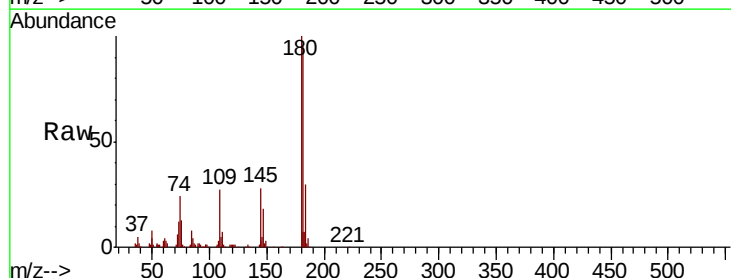
Manual Integrations
 APPROVED

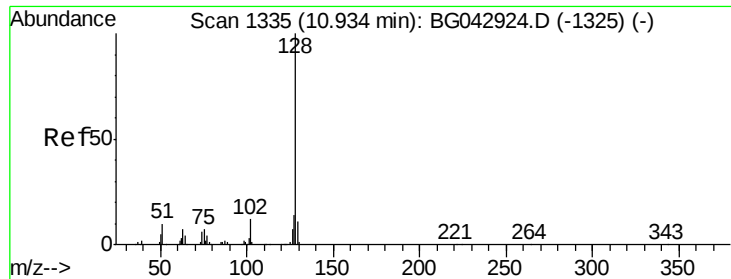
mohammad
 10/18/2019 8:26:12 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 38.431 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. -0.00 min
 Lab File: BG043258.D
 Acq: 16 Oct 2019 23:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	79.3	118.9
145	28.0	22.0	33.0





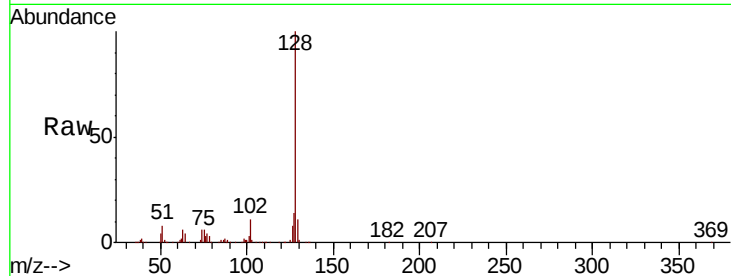
#31
Naphthalene
Concen: 40.821 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BG043258.D
Acq: 16 Oct 2019 23:27

Instrument :
BNA_G
ClientSampleId :
VNJ-230MSD

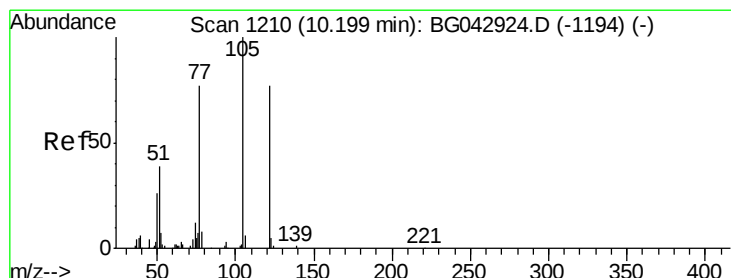
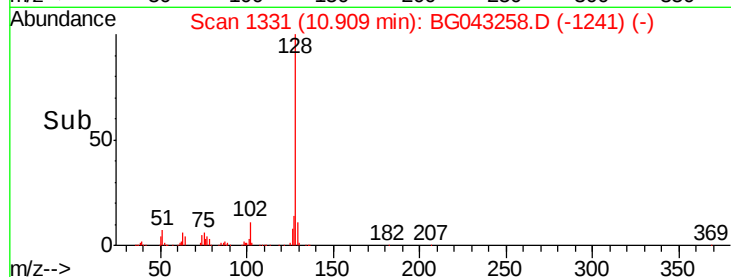
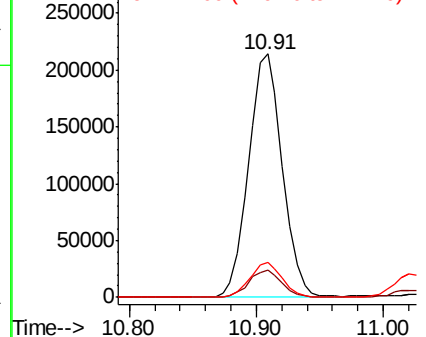
Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.4	8.8	13.2	
127	14.1	11.3	16.9	

Manual Integrations
APPROVED

mohammad
10/18/2019 8:26:12 AM

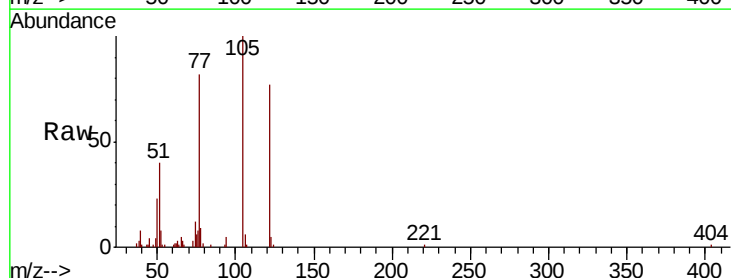


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

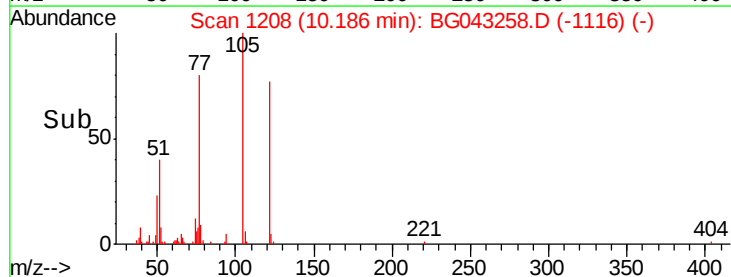
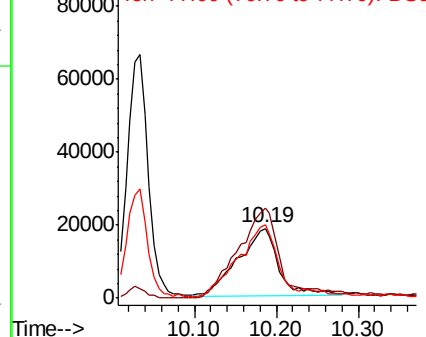


#32
Benzoic acid
Concen: 34.942 ng
RT: 10.19 min Scan# 1208
Delta R.T. 0.01 min
Lab File: BG043258.D
Acq: 16 Oct 2019 23:27

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	129.2	107.5	147.5	
77	105.3	79.8	119.8	



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGO





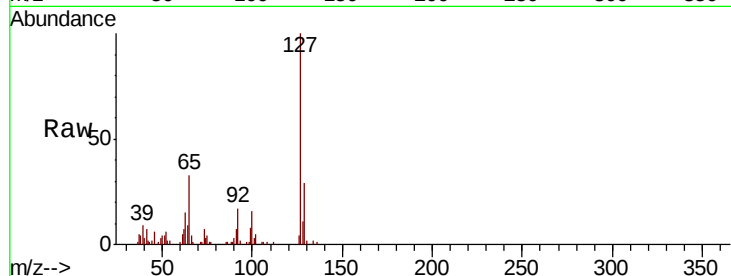
#33
4-Chloroaniline
Concen: 12.323 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.00 min
Lab File: BG043258.D
Acq: 16 Oct 2019 23:27

Instrument :
BNA_G
ClientSampleId :
VNJ-230MSD

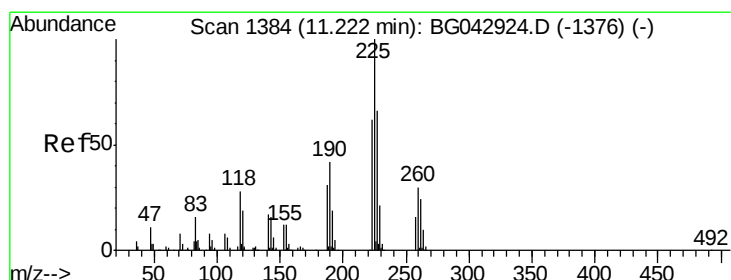
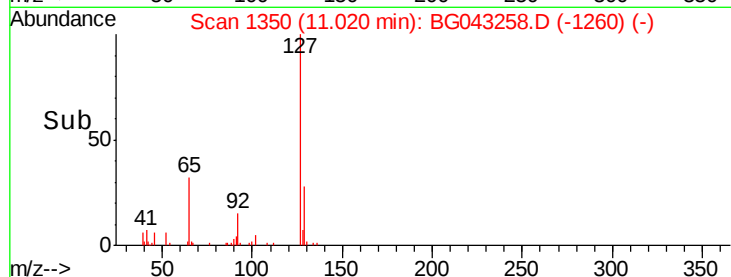
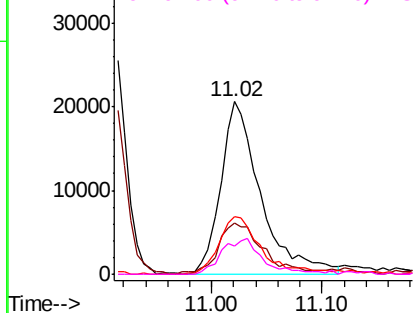
Tot Ion:	127	Resp:	51946
Ion Ratio	Lower	Upper	
127	100		
129	29.3	26.2	39.2
65	33.3	30.6	45.8
92	16.7	16.2	24.4

Manual Integrations
APPROVED

mohammad
10/18/2019 8:26:12 AM

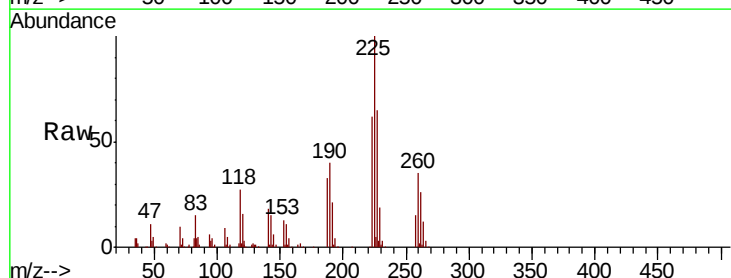


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

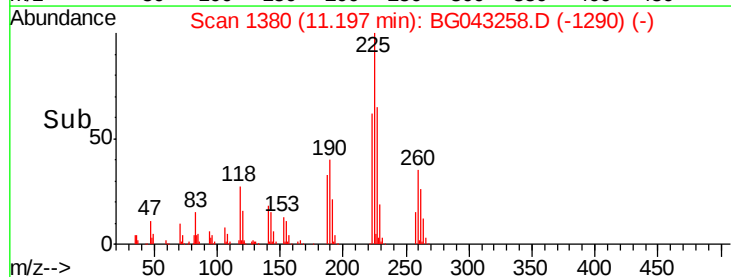
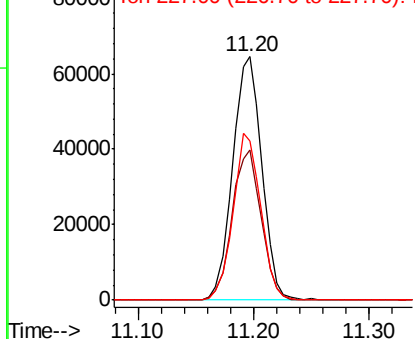


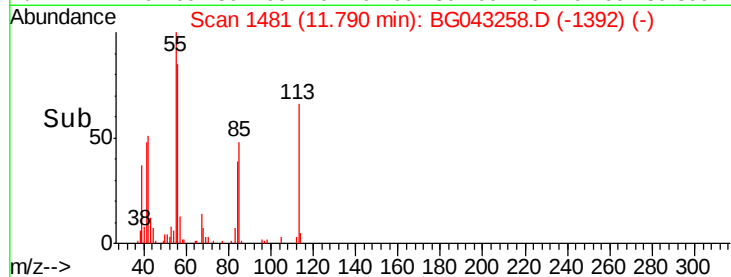
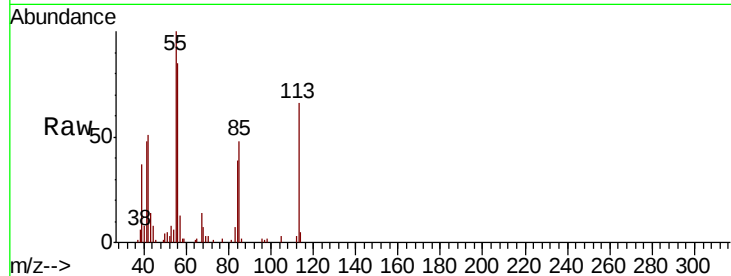
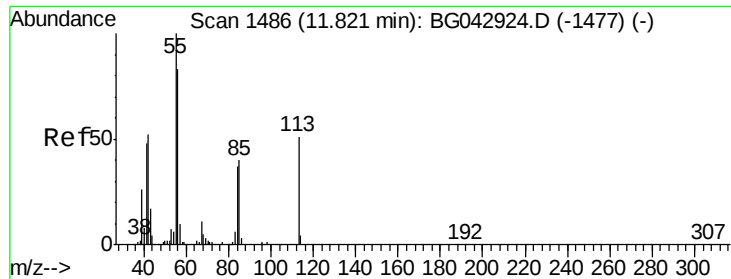
#34
Hexachlorobutadiene
Concen: 36.970 ng
RT: 11.20 min Scan# 1380
Delta R.T. -0.00 min
Lab File: BG043258.D
Acq: 16 Oct 2019 23:27

Tgt Ion:	225	Resp:	112565
Ion Ratio	Lower	Upper	
225	100		
223	61.7	49.3	73.9
227	65.2	52.8	79.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





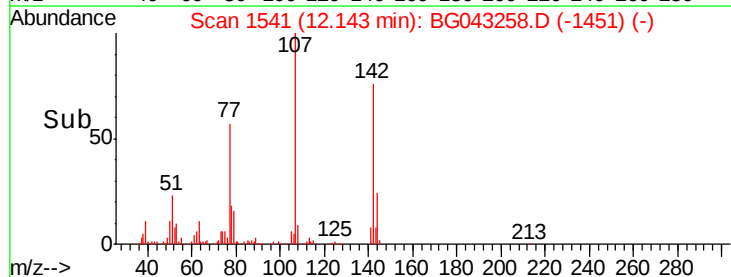
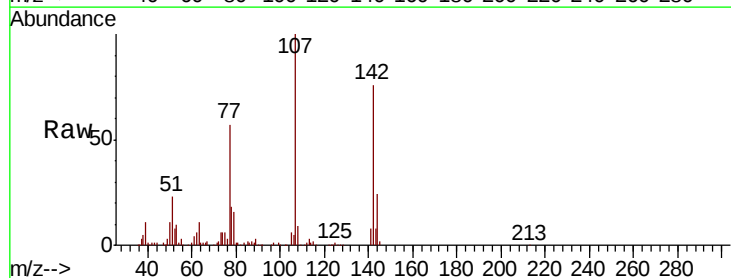
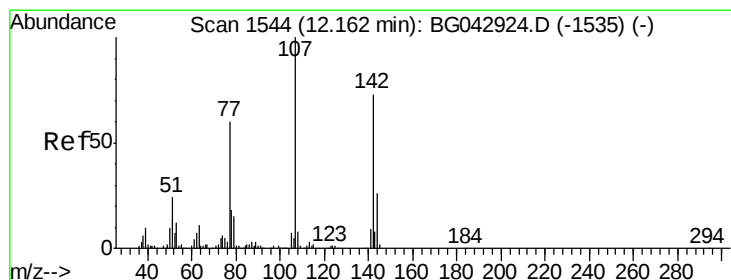
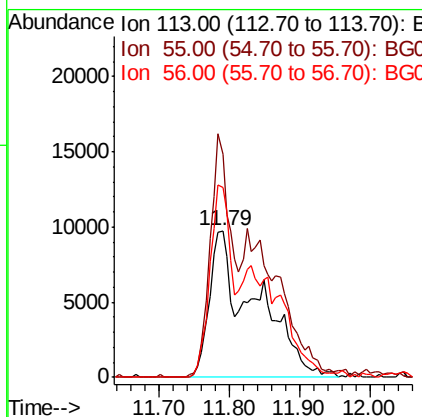
#35
Caprolactam
Concen: 39.574 ng/ml
RT: 11.79 min Scan# 1481
Delta R.T. -0.01 min
Lab File: BG043258.D
Acq: 16 Oct 2019 23:27

Instrument :
BNA_G
ClientSampleId :
VNJ-230MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	151.8	175.5	215.5#
56	129.2	142.3	182.3#

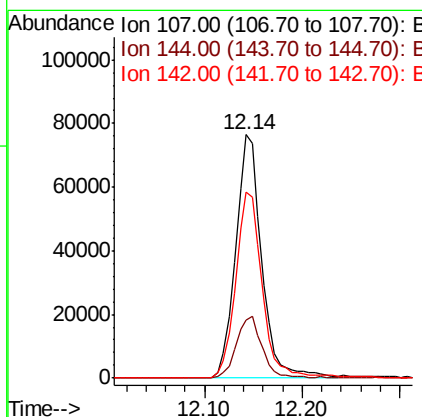
Manual Integrations
APPROVED

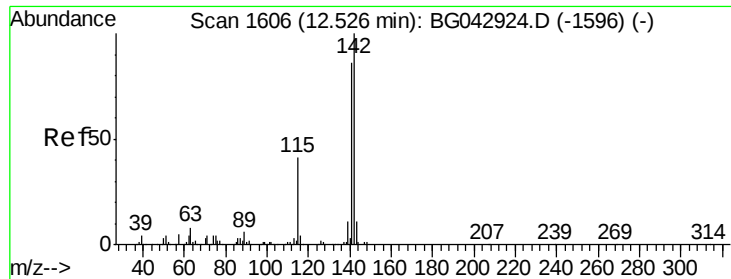
mohammad
10/18/2019 8:26:12 AM



#36
4-Chloro-3-methylphenol
Concen: 41.410 ng
RT: 12.14 min Scan# 1541
Delta R.T. -0.00 min
Lab File: BG043258.D
Acq: 16 Oct 2019 23:27

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.1	20.7	31.1
142	76.3	58.6	87.8





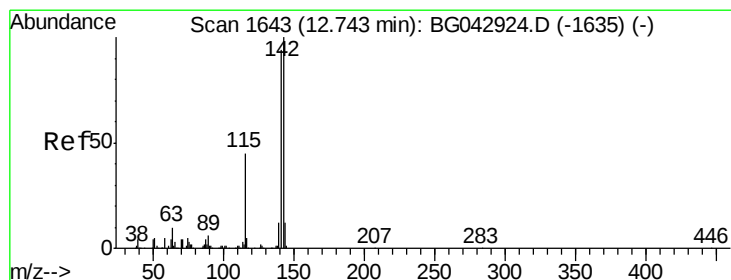
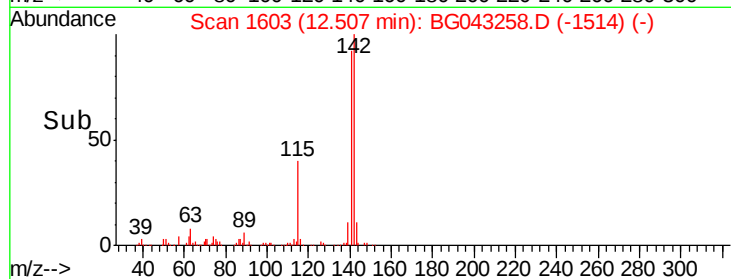
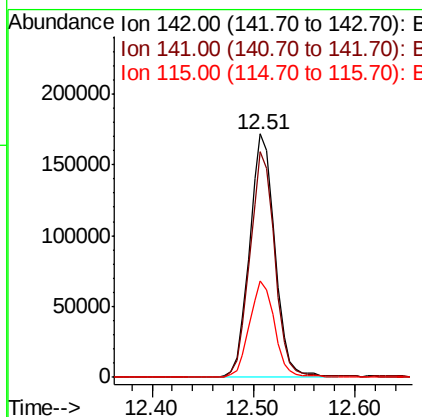
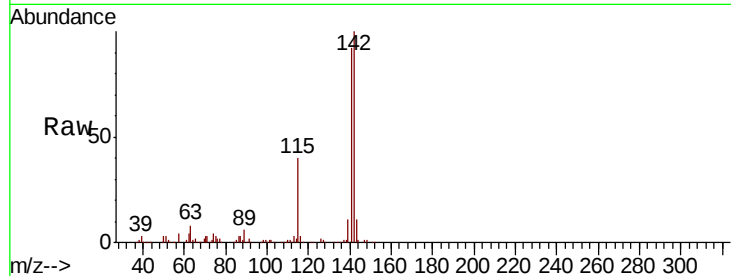
#37
2-Methylnaphthalene
Concen: 40.467 ng
RT: 12.51 min Scan# 1603
Delta R.T. -0.01 min
Lab File: BG043258.D
Acq: 16 Oct 2019 23:27

Instrument :
BNA_G
ClientSampleId :
VNJ-230MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.4	69.0	103.4
115	39.8	32.8	49.2

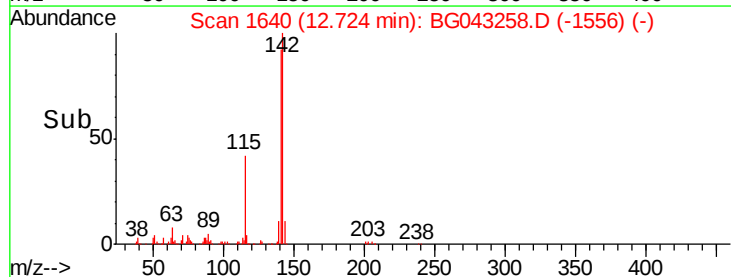
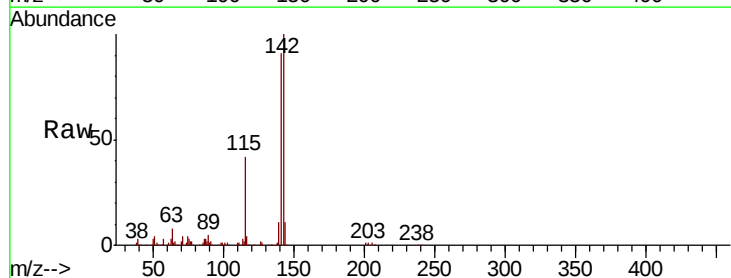
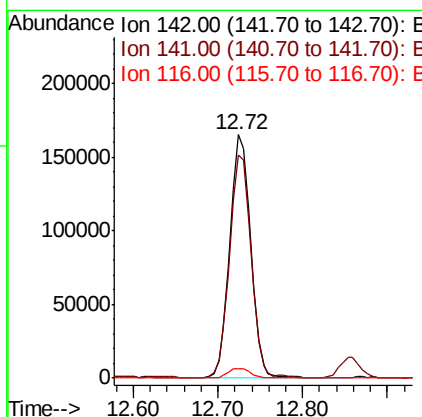
Manual Integrations
APPROVED

mohammad
10/18/2019 8:26:12 AM



#38
1-Methylnaphthalene
Concen: 40.178 ng
RT: 12.72 min Scan# 1640
Delta R.T. -0.01 min
Lab File: BG043258.D
Acq: 16 Oct 2019 23:27

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	74.9	112.3
116	4.0	3.7	5.5





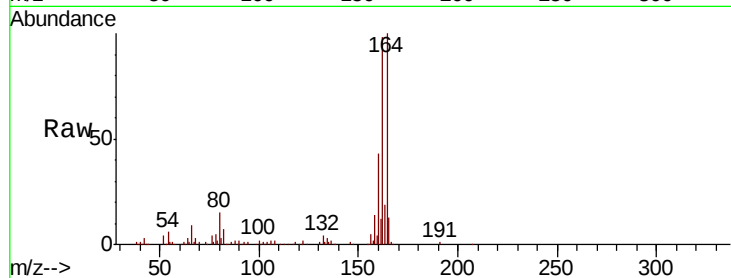
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.01 min
Lab File: BG043258.D
Acq: 16 Oct 2019 23:27

Instrument :
BNA_G
ClientSampleId :
VNJ-230MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	98.3	78.5	117.7
160	43.3	35.9	53.9

Manual Integrations
APPROVED

mohammad
10/18/2019 8:26:12 AM

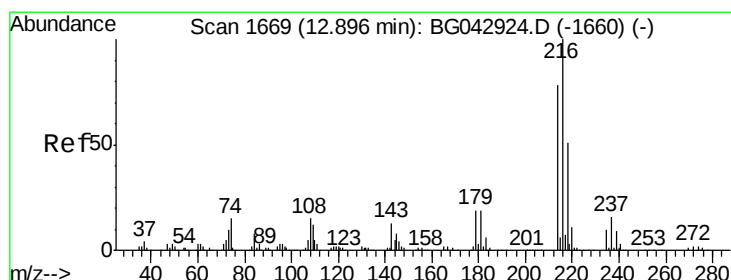
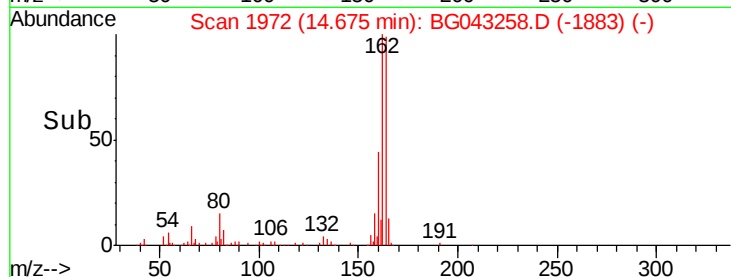
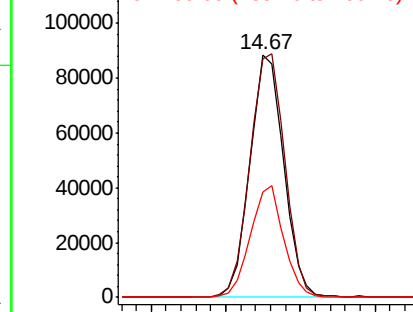


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.694 ng
RT: 12.88 min Scan# 1666
Delta R.T. -0.00 min
Lab File: BG043258.D
Acq: 16 Oct 2019 23:27

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.8	62.4	93.6
179	19.0	15.4	23.2
108	16.0	12.6	19.0

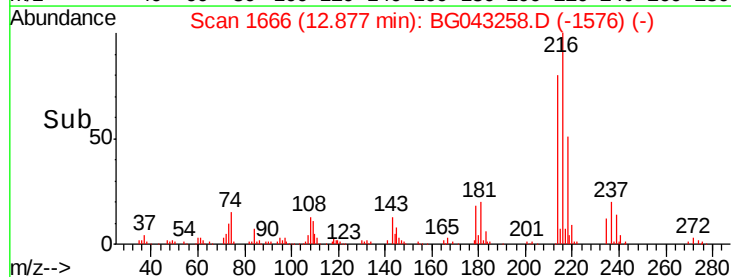
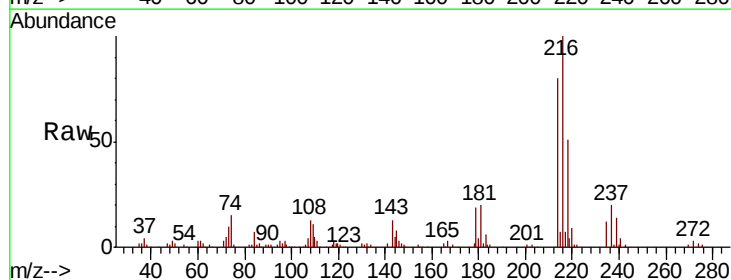
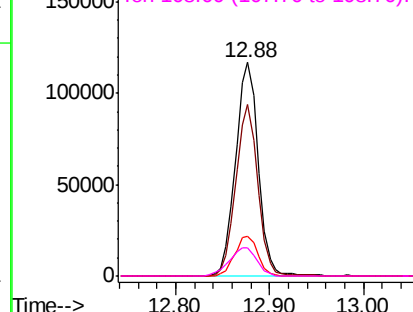
Abundance

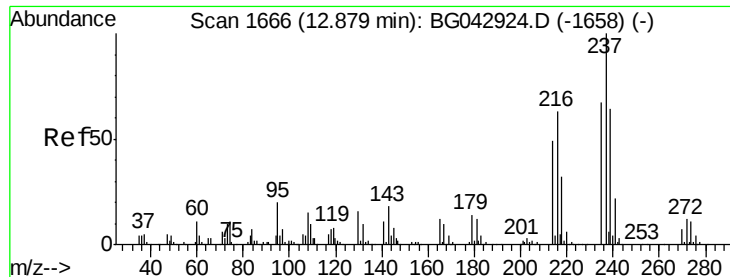
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 73.023 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BG043258.D

Acq: 16 Oct 2019 23:27

Instrument :

BNA_G

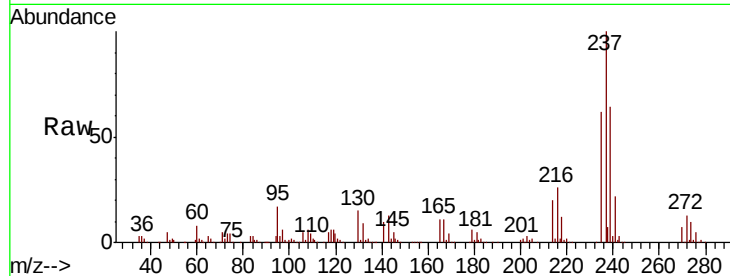
ClientSampleId :

VNJ-230MSD

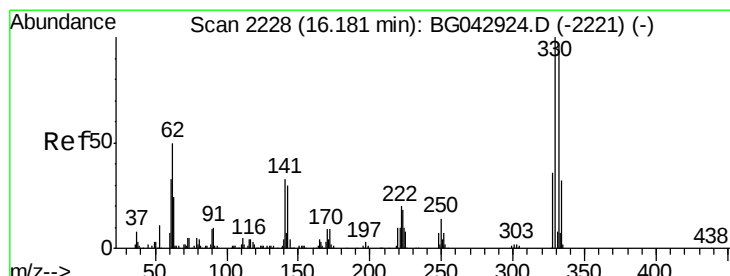
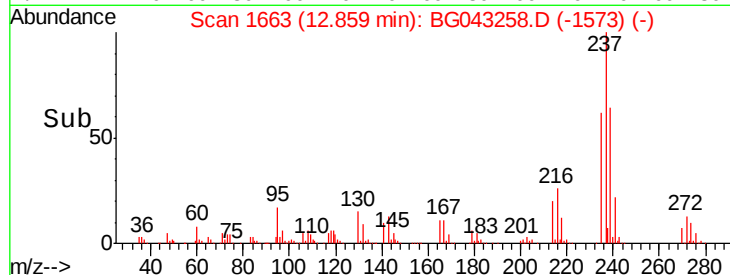
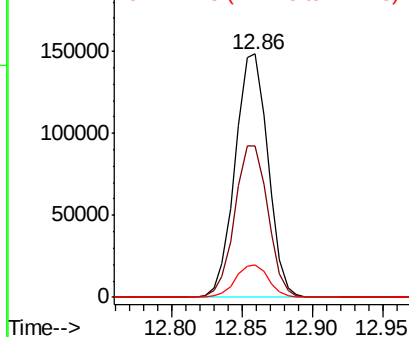
Tot Ion:	237	Resp:	241823
Ion Ratio	Lower	Upper	
237	100		
235	62.1	46.7	86.7
272	13.1	0.0	32.3

Manual Integrations
APPROVED

mohammad
10/18/2019 8:26:12 AM



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: 119.206 ng

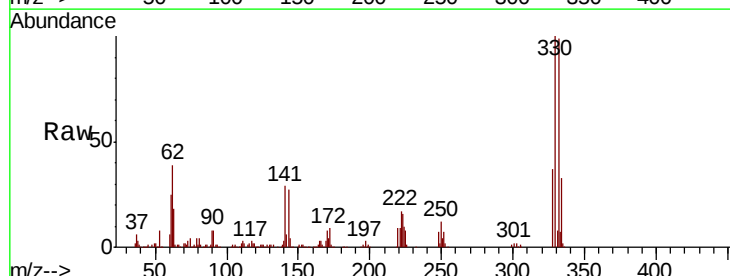
RT: 16.17 min Scan# 2226

Delta R.T. -0.00 min

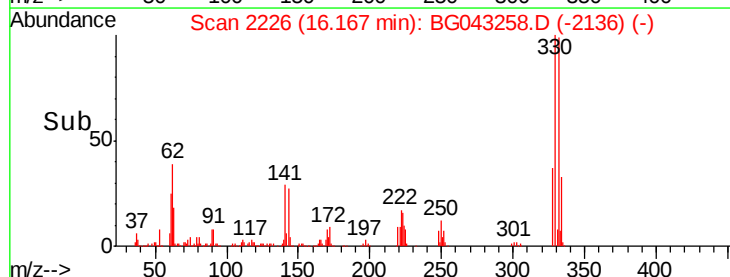
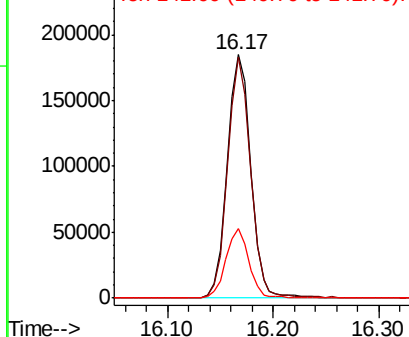
Lab File: BG043258.D

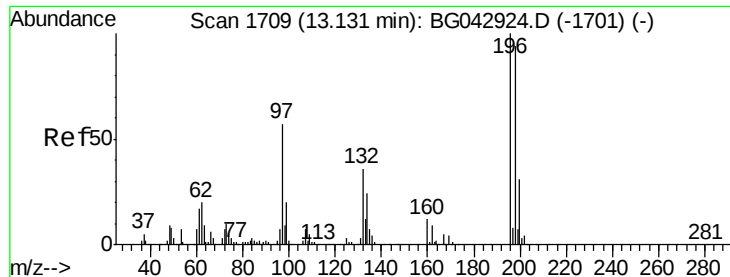
Acq: 16 Oct 2019 23:27

Tgt Ion:	330	Resp:	283352
Ion Ratio	Lower	Upper	
330	100		
332	96.4	78.2	117.2
141	28.2	26.0	39.0



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





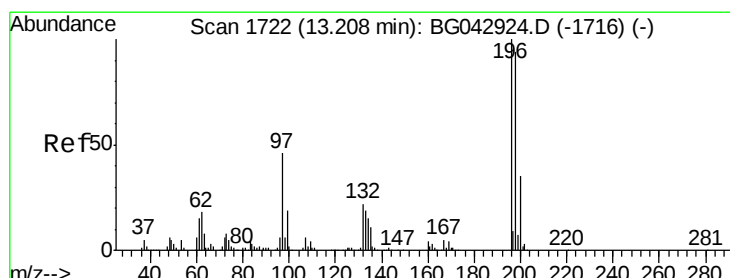
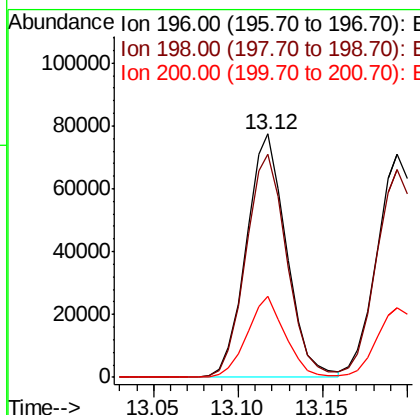
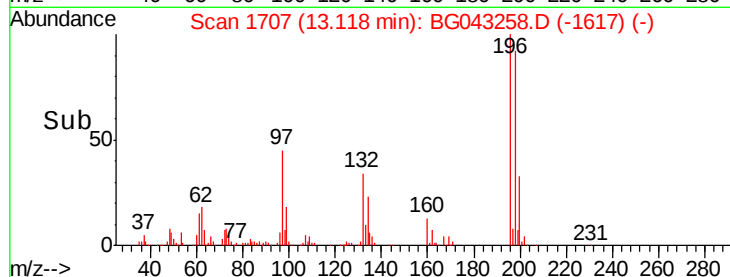
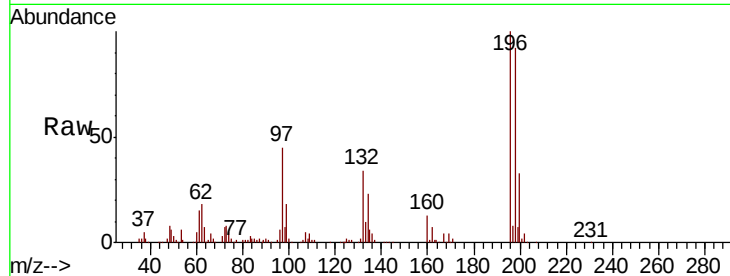
#43
 2,4,6-Trichlorophenol
 Concen: 41.986 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: BG043258.D
 Acq: 16 Oct 2019 23:27

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-230MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	127724		
198	91.8	75.5	113.3	
200	33.2	24.9	37.3	

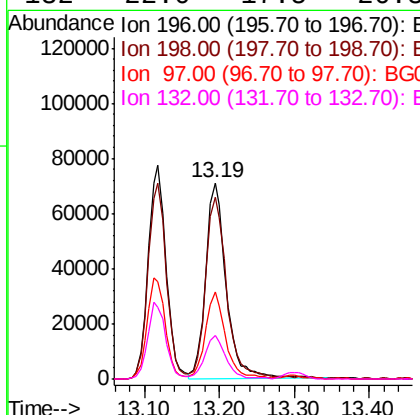
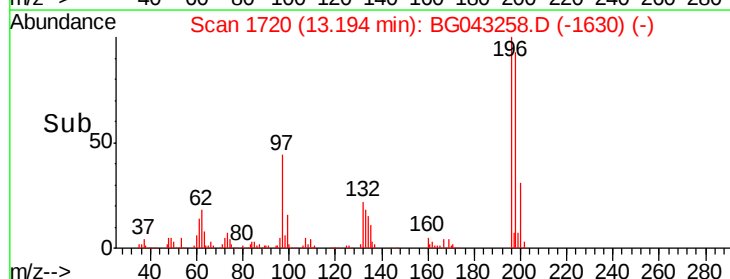
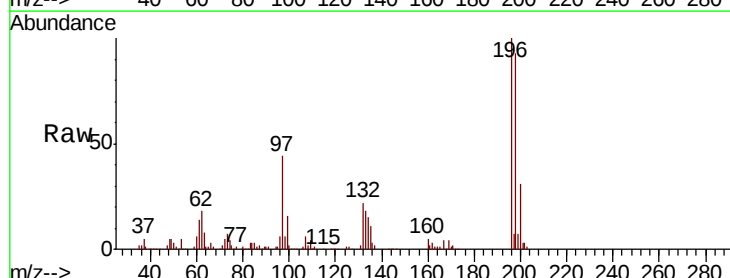
Manual Integrations
 APPROVED

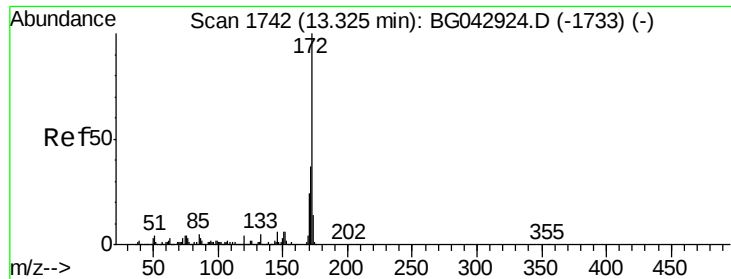
mohammad
 10/18/2019 8:26:12 AM



#44
 2,4,5-Trichlorophenol
 Concen: 43.457 ng
 RT: 13.19 min Scan# 1720
 Delta R.T. -0.00 min
 Lab File: BG043258.D
 Acq: 16 Oct 2019 23:27

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	136186		
198	93.1	75.1	112.7	
97	44.3	37.0	55.4	
132	22.0	17.5	26.3	





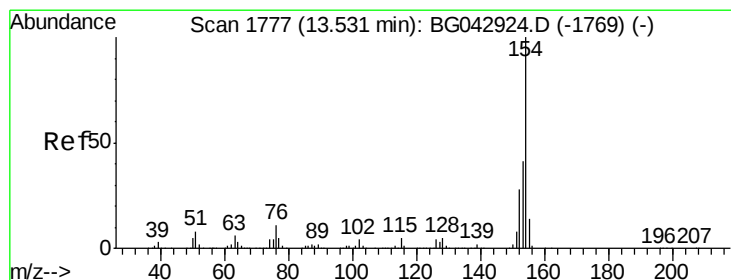
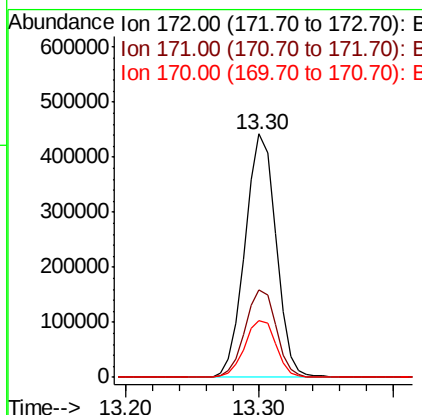
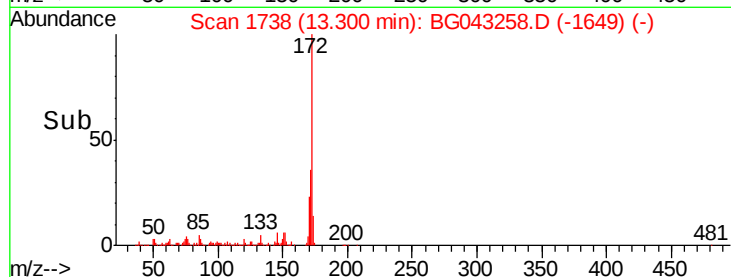
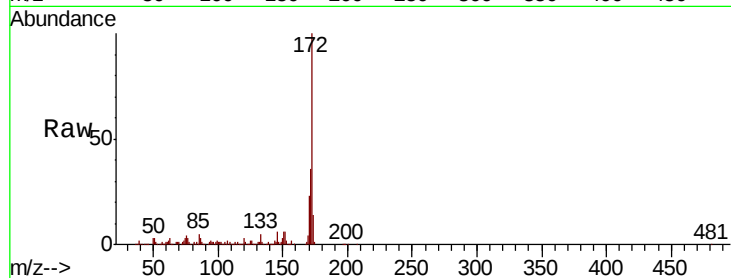
#45
2-Fluorobiphenyl
Concen: 74.258 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.01 min
Lab File: BG043258.D
Acq: 16 Oct 2019 23:27

Instrument :
BNA_G
ClientSampleId :
VNJ-230MSD

Tot Ion:	172	Resp:	708071
Ion Ratio	Lower	Upper	
172	100		
171	36.0	29.6	44.4
170	23.2	19.6	29.4

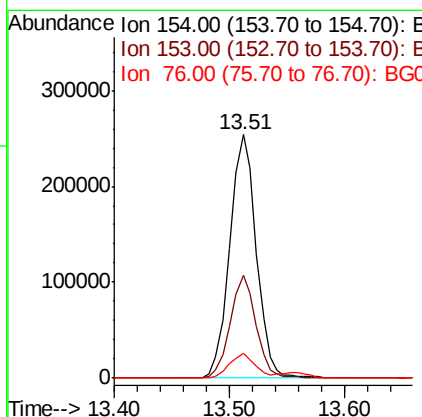
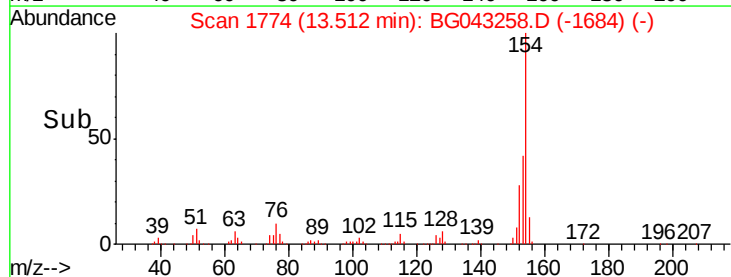
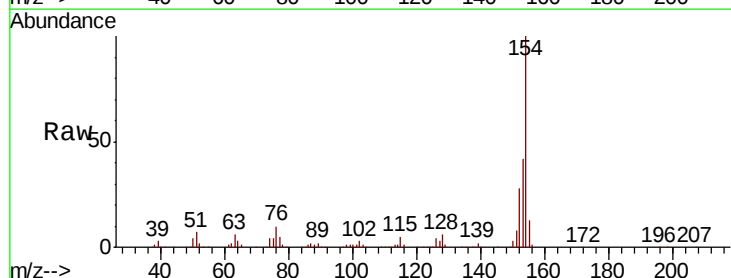
Manual Integrations
APPROVED

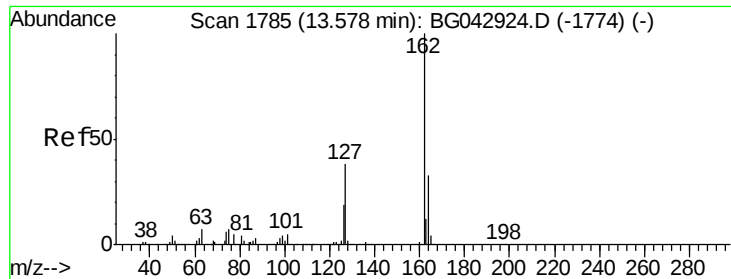
mohammad
10/18/2019 8:26:12 AM



#46
1,1'-Biphenyl
Concen: 38.544 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.00 min
Lab File: BG043258.D
Acq: 16 Oct 2019 23:27

Tgt Ion:	154	Resp:	404051
Ion Ratio	Lower	Upper	
154	100		
153	42.3	21.4	61.4
76	10.0	0.0	31.3





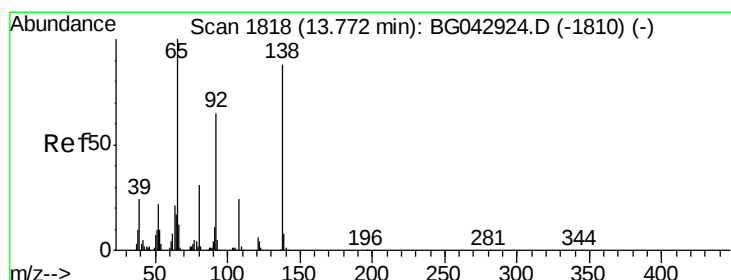
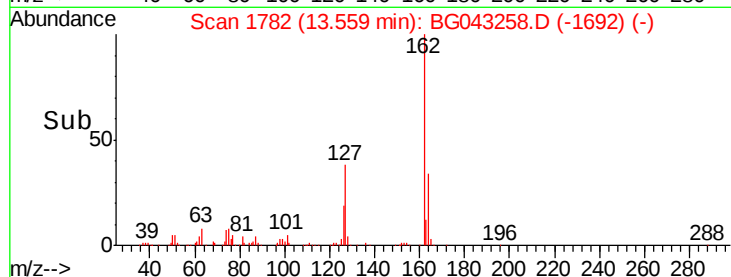
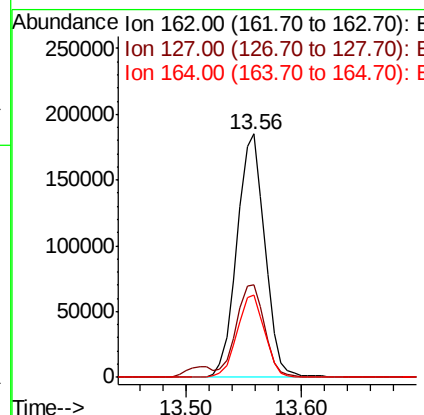
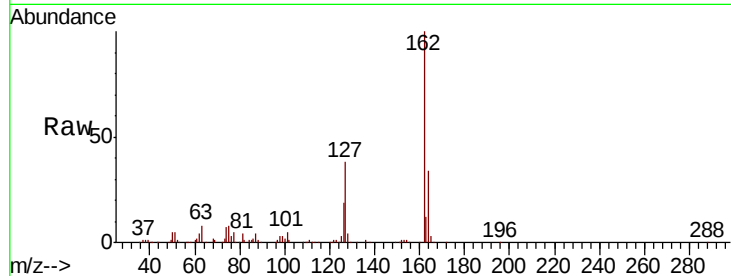
#47
2-Chloronaphthalene
Concen: 39.575 ng
RT: 13.56 min Scan# 1782
Delta R.T. -0.00 min
Lab File: BG043258.D
Acq: 16 Oct 2019 23:27

Instrument :
BNA_G
ClientSampleId :
VNJ-230MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.2	31.0	46.6
164	33.8	26.2	39.2

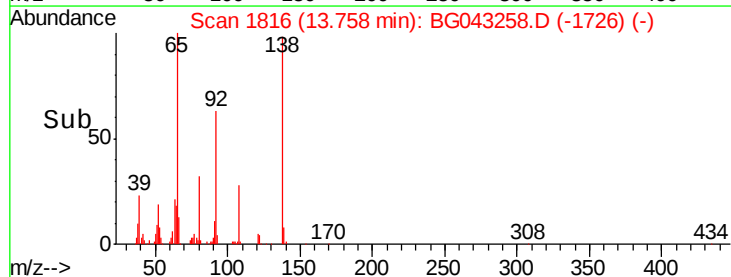
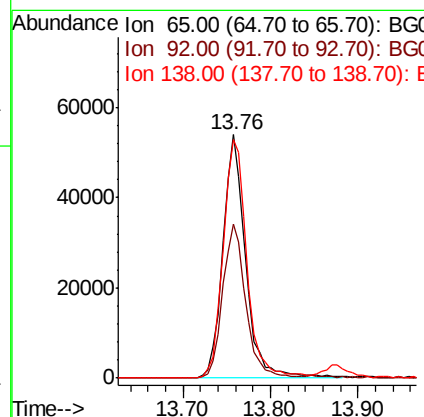
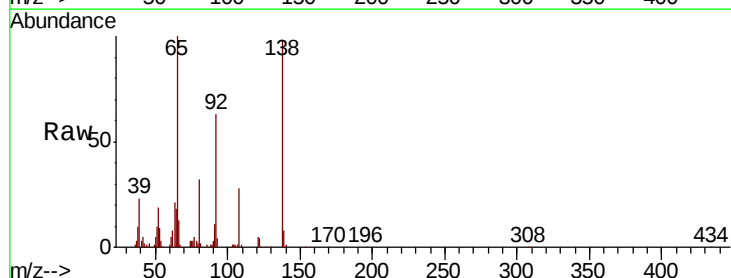
Manual Integrations
APPROVED

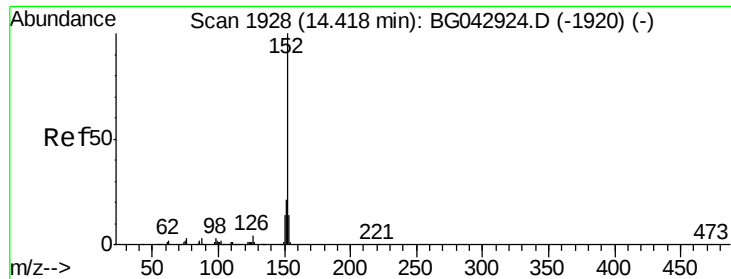
mohammad
10/18/2019 8:26:12 AM



#48
2-Nitroaniline
Concen: 37.197 ng
RT: 13.76 min Scan# 1816
Delta R.T. -0.00 min
Lab File: BG043258.D
Acq: 16 Oct 2019 23:27

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.0	52.0	78.0
138	97.8	70.4	105.6





#49

Acenaphthylene

Concen: 42.483 ng

RT: 14.40 min Scan# 1925

Delta R.T. -0.00 min

Lab File: BG043258.D

Acq: 16 Oct 2019 23:27

Instrument :

BNA_G

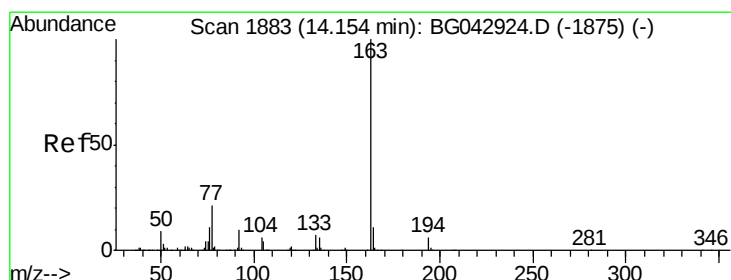
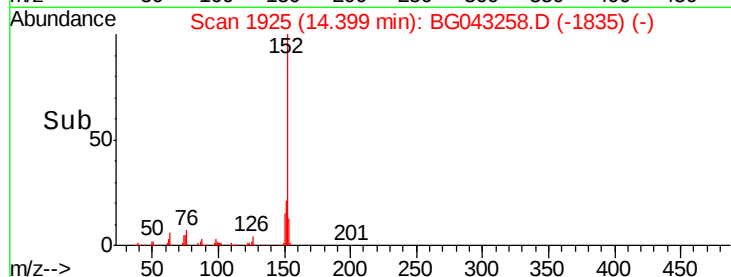
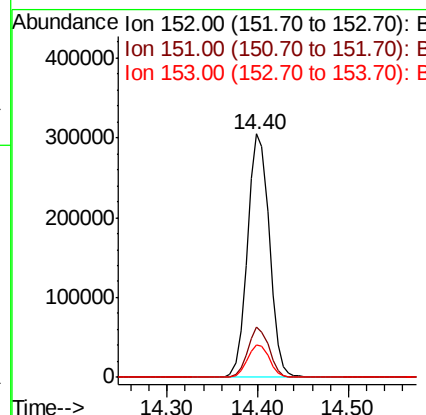
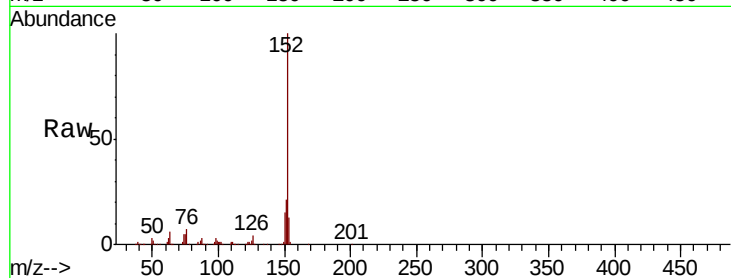
ClientSampleId :

VNJ-230MSD

Tot Ion:	152	Resp:	510914
Ion Ratio	Lower	Upper	
152	100		
151	20.9	16.8	25.2
153	13.2	11.3	16.9

Manual Integrations
APPROVED

mohammad
10/18/2019 8:26:12 AM



#50

Dimethylphthalate

Concen: 46.227 ng

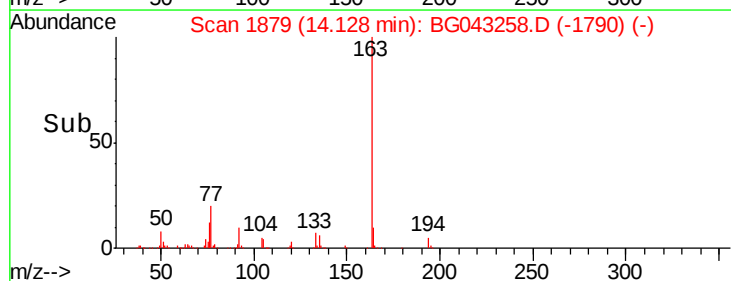
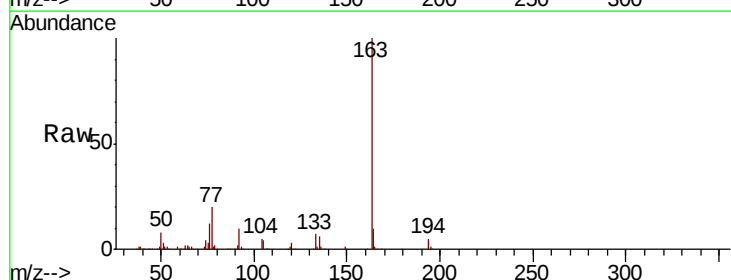
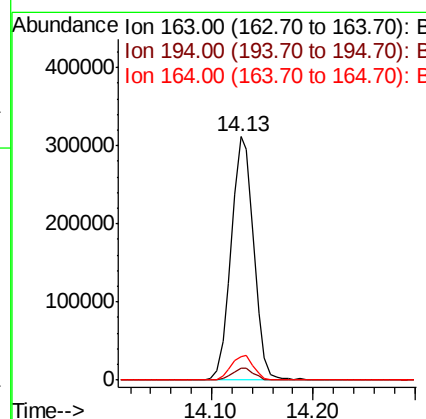
RT: 14.13 min Scan# 1879

Delta R.T. -0.01 min

Lab File: BG043258.D

Acq: 16 Oct 2019 23:27

Tgt Ion:	163	Resp:	478782
Ion Ratio	Lower	Upper	
163	100		
194	4.7	4.4	6.6
164	9.8	8.6	12.8





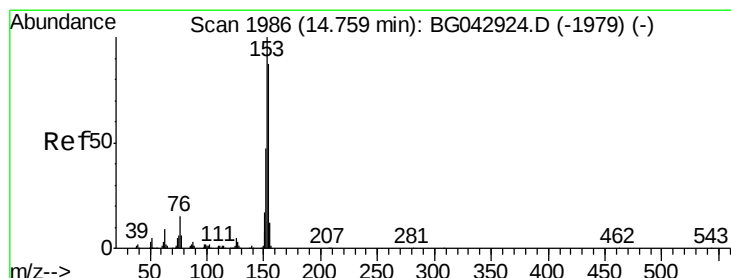
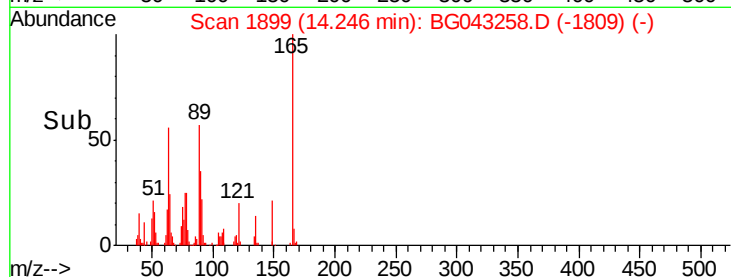
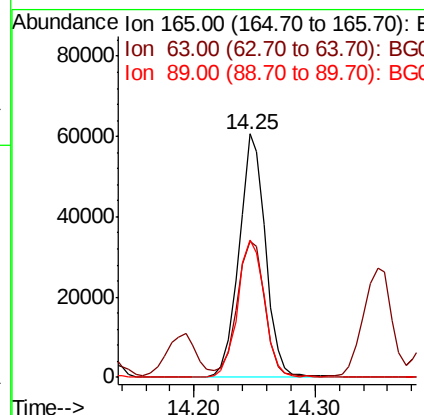
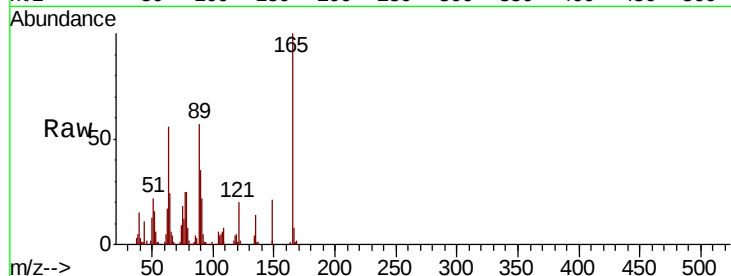
#51
 2,6-Dinitrotoluene
 Concen: 41.912 ng
 RT: 14.25 min Scan# 1899
 Delta R.T. -0.00 min
 Lab File: BG043258.D
 Acq: 16 Oct 2019 23:27

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-230MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	56.1	50.3	75.5
89	56.5	48.9	73.3

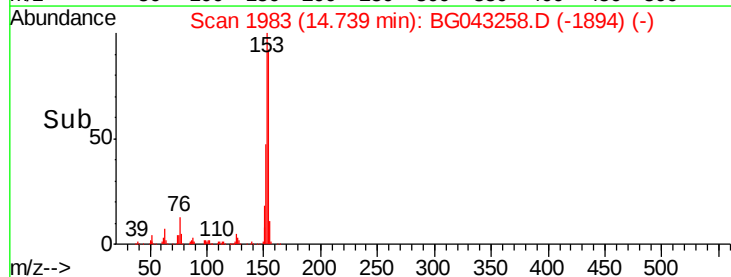
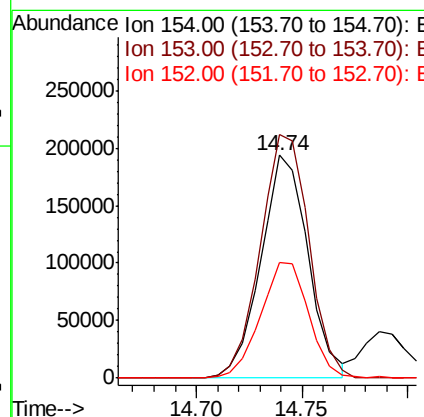
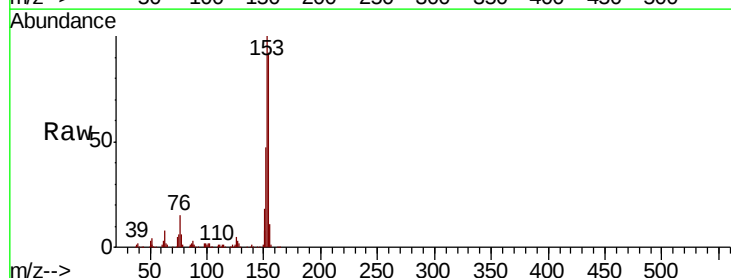
Manual Integrations
 APPROVED

mohammad
 10/18/2019 8:26:12 AM



#52
 Acenaphthene
 Concen: 37.319 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. -0.01 min
 Lab File: BG043258.D
 Acq: 16 Oct 2019 23:27

Tgt Ion	Ratio	Lower	Upper
154	100		
153	109.3	91.4	137.0
152	51.7	42.8	64.2





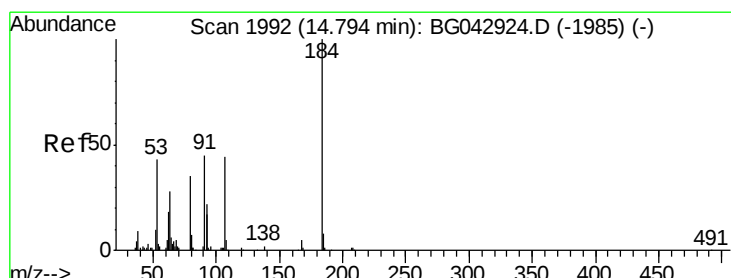
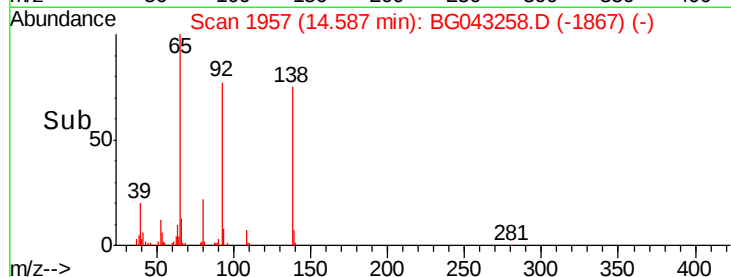
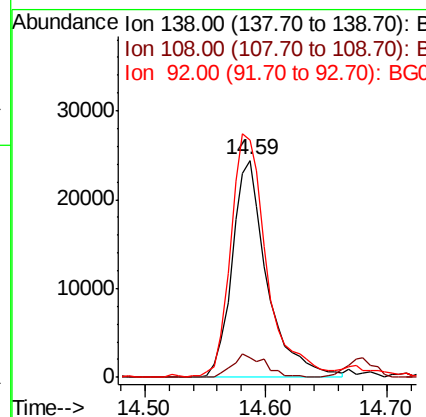
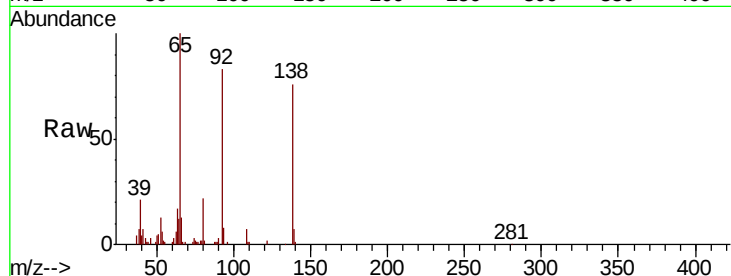
#53
3-Nitroaniline
Concen: 21.508 ng
RT: 14.59 min Scan# 1957
Delta R.T. -0.00 min
Lab File: BG043258.D
Acq: 16 Oct 2019 23:27

Instrument :
BNA_G
ClientSampleId :
VNJ-230MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.1	7.9	11.9
92	109.1	97.0	145.6

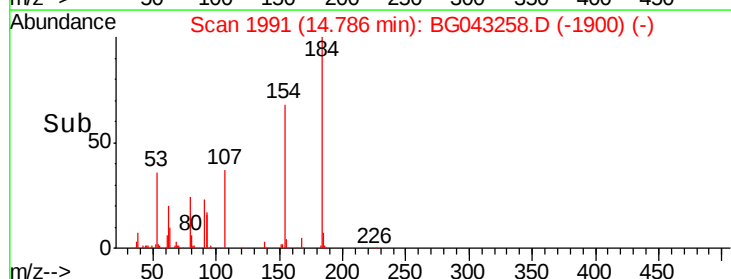
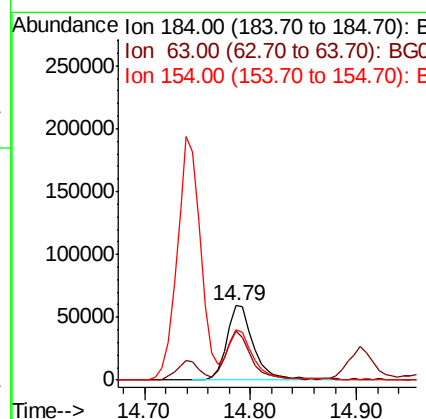
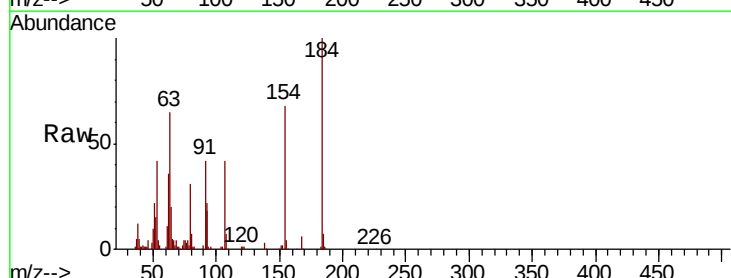
Manual Integrations
APPROVED

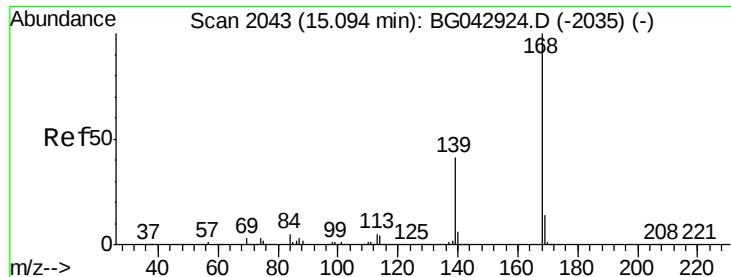
mohammad
10/18/2019 8:26:12 AM



#54
2,4-Dinitrophenol
Concen: 76.775 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BG043258.D
Acq: 16 Oct 2019 23:27

Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.3	55.0	82.6
154	67.9	56.5	84.7





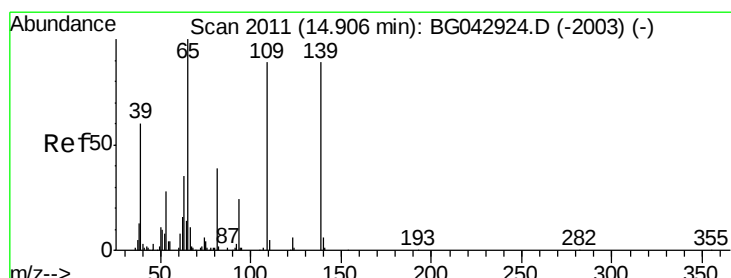
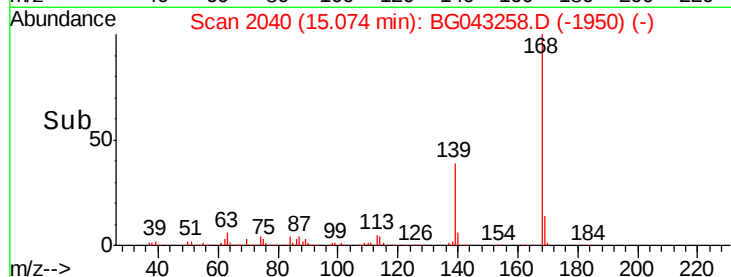
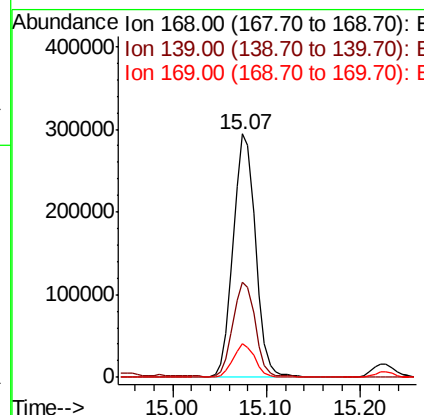
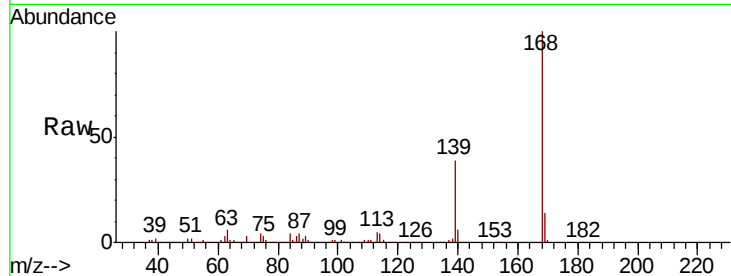
#55
Dibenzofuran
Concen: 40.971 ng
RT: 15.07 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BG043258.D
Acq: 16 Oct 2019 23:27

Instrument :
BNA_G
ClientSampleId :
VNJ-230MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.3	32.6	48.8
169	13.9	11.2	16.8

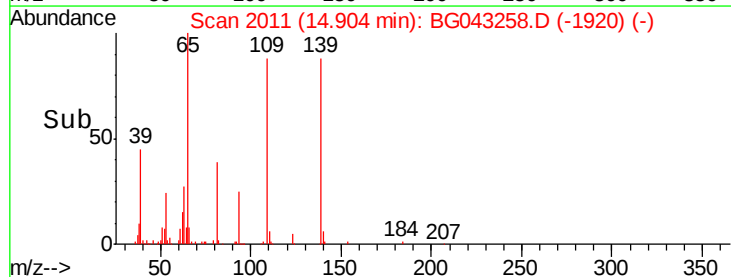
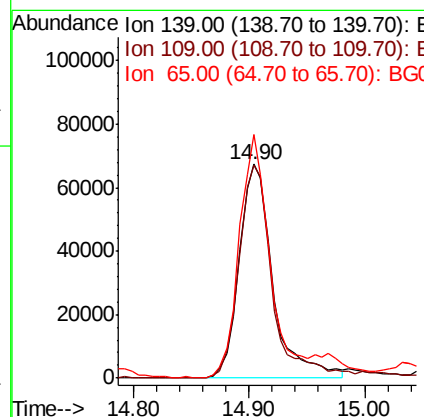
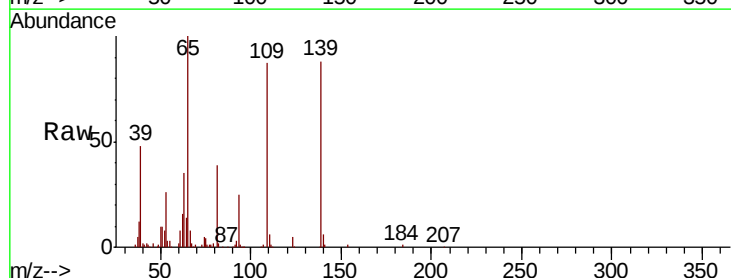
Manual Integrations
APPROVED

mohammad
10/18/2019 8:26:12 AM



#56
4-Nitrophenol
Concen: 78.627 ng
RT: 14.90 min Scan# 2011
Delta R.T. 0.01 min
Lab File: BG043258.D
Acq: 16 Oct 2019 23:27

Tgt Ion	Ratio	Lower	Upper
139	100		
109	99.4	79.4	119.4
65	113.8	92.5	132.5





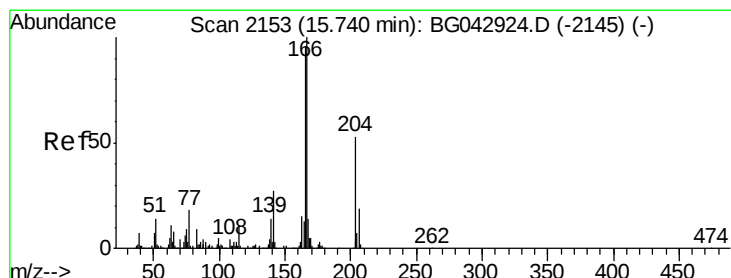
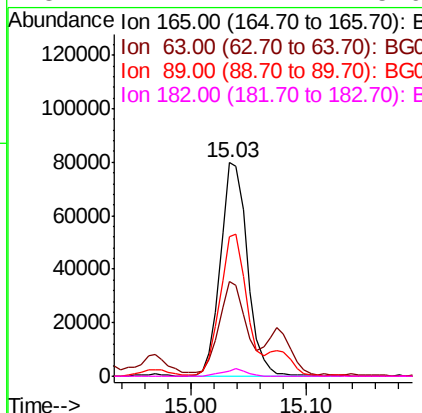
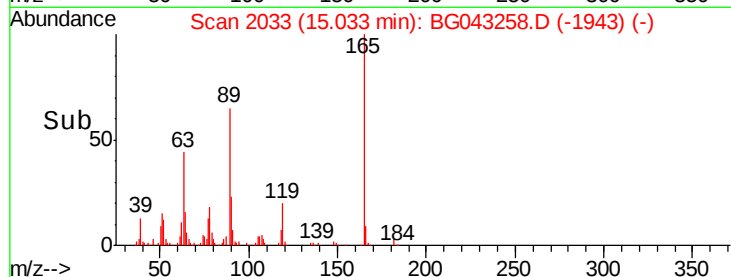
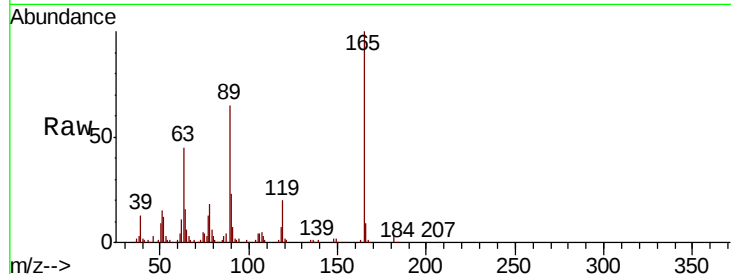
#57
 2,4-Dinitrotoluene
 Concen: 40.343 ng
 RT: 15.03 min Scan# 2033
 Delta R.T. -0.00 min
 Lab File: BG043258.D
 Acq: 16 Oct 2019 23:27

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-230MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		130307		
63	44.6	36.5	54.7		
89	65.3	55.5	83.3		
182	2.7	2.4	3.6		

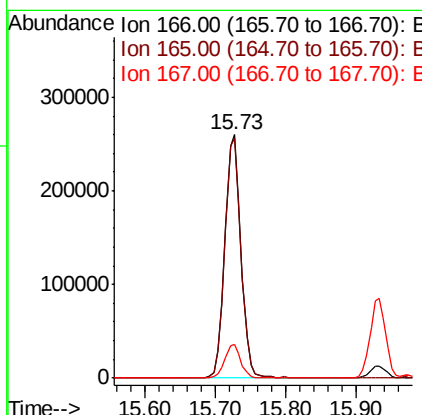
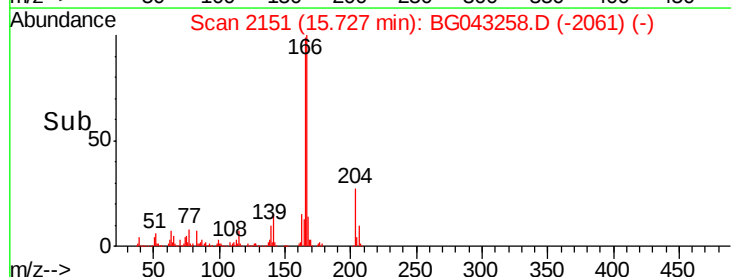
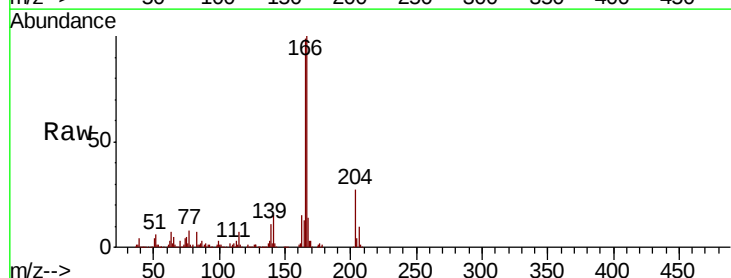
Manual Integrations
 APPROVED

mohammad
 10/18/2019 8:26:12 AM



#58
 Fluorene
 Concen: 40.362 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.00 min
 Lab File: BG043258.D
 Acq: 16 Oct 2019 23:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		410337		
165	98.7	77.1	115.7		
167	13.8	11.0	16.6		





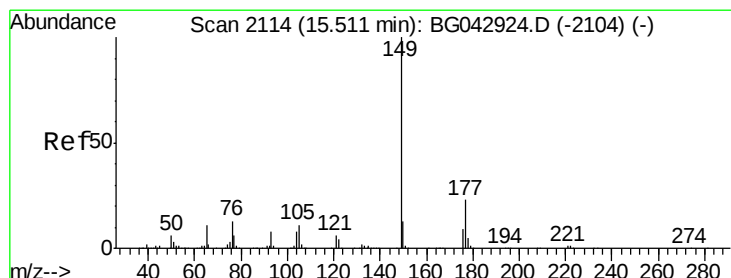
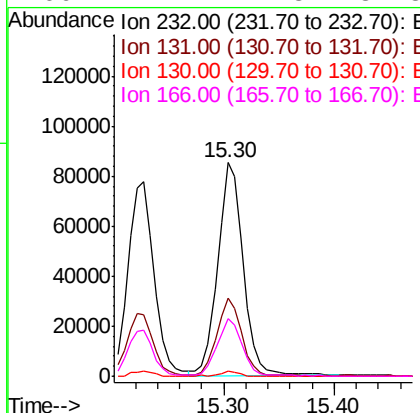
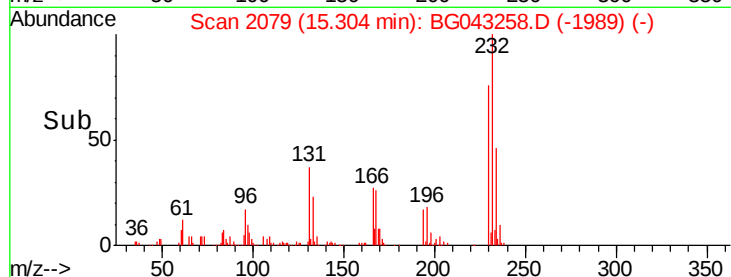
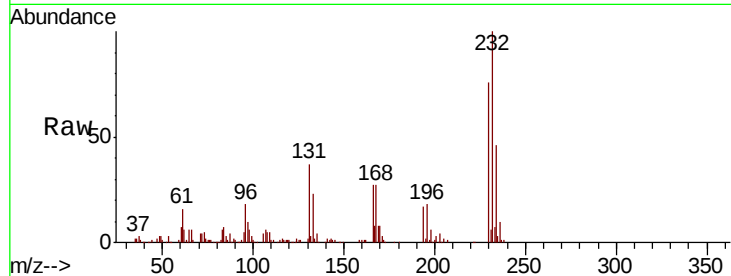
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.901 ng
 RT: 15.30 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: BG043258.D
 Acq: 16 Oct 2019 23:27

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-230MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	36.4	29.6	44.4
130	2.0	1.9	2.9
166	27.4	21.8	32.8

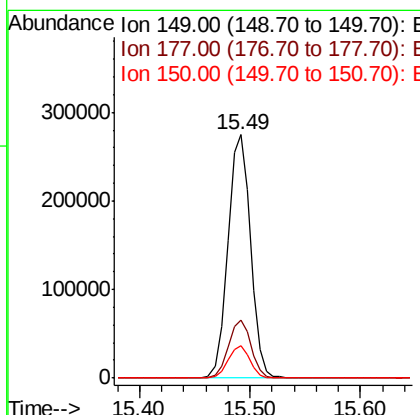
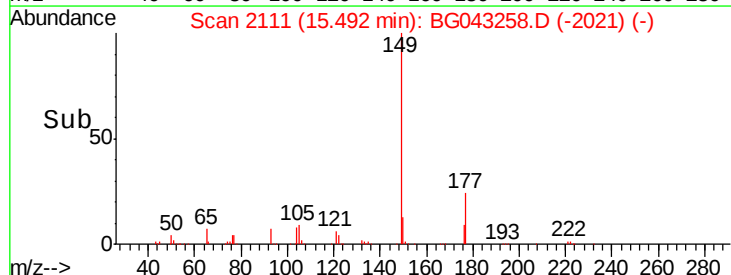
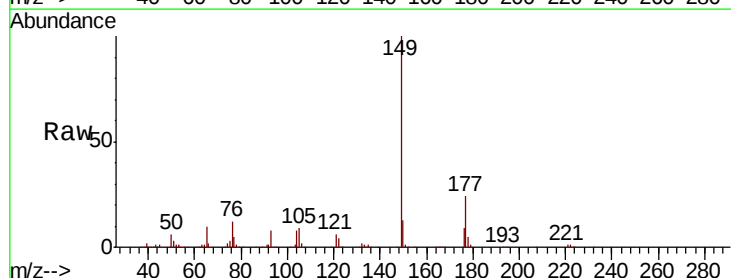
Manual Integrations
 APPROVED

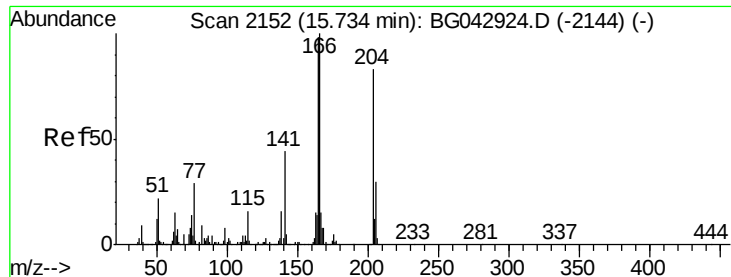
mohammad
 10/18/2019 8:26:12 AM



#60
 Diethylphthalate
 Concen: 37.439 ng
 RT: 15.49 min Scan# 2111
 Delta R.T. -0.00 min
 Lab File: BG043258.D
 Acq: 16 Oct 2019 23:27

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.0	18.8	28.2
150	13.3	10.6	15.8





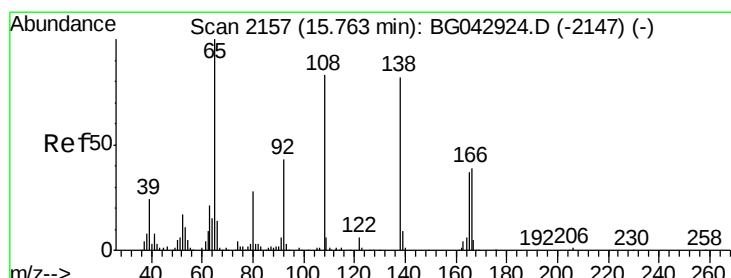
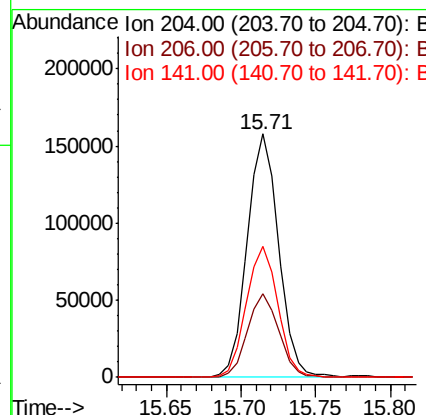
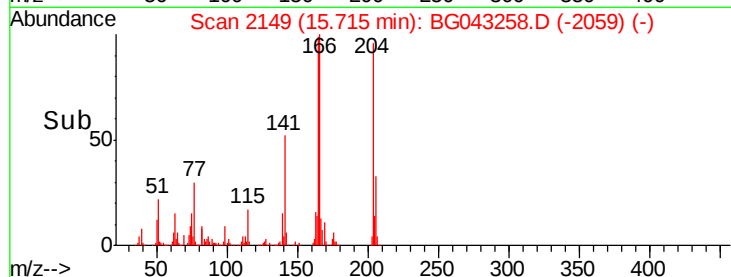
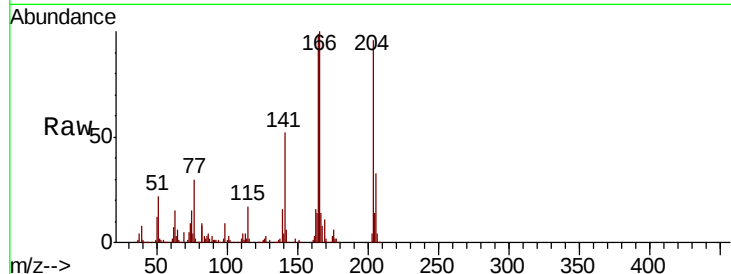
#61
4-Chlorophenyl-phenylether
Concen: 37.649 ng
RT: 15.71 min Scan# 2149
Delta R.T. -0.00 min
Lab File: BG043258.D
Acq: 16 Oct 2019 23:27

Instrument :
BNA_G
ClientSampleId :
VNJ-230MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.2	28.5	42.7
141	53.9	42.4	63.6

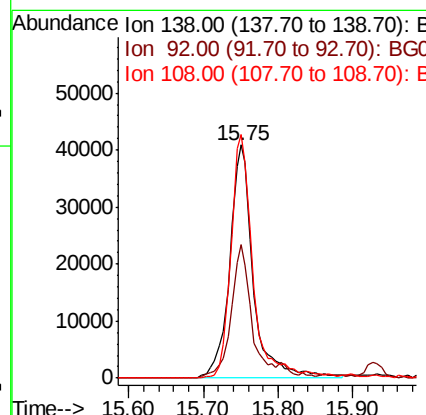
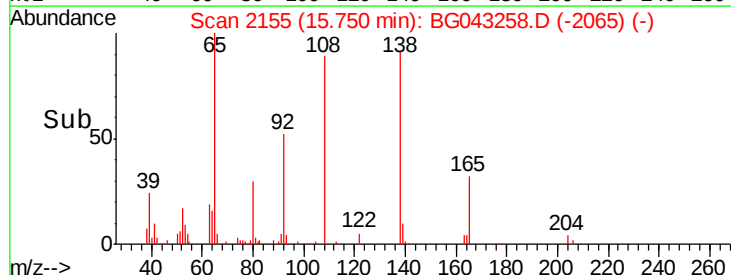
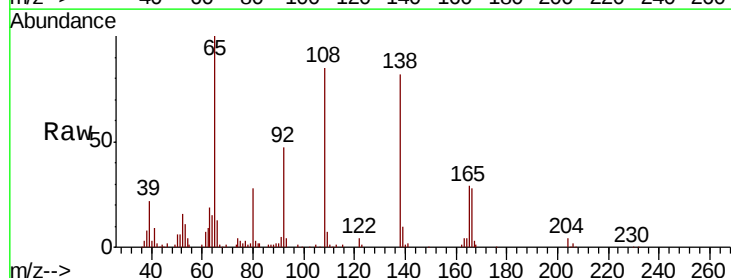
Manual Integrations
APPROVED

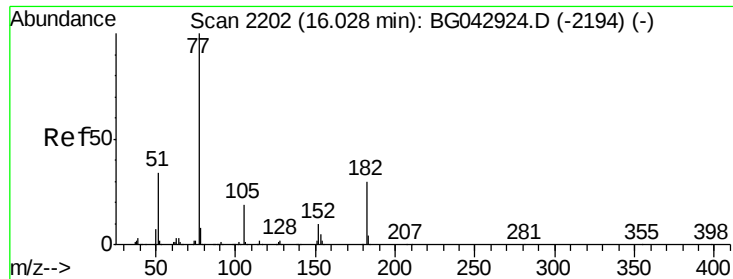
mohammad
10/18/2019 8:26:12 AM



#62
4-Nitroaniline
Concen: 36.382 ng
RT: 15.75 min Scan# 2155
Delta R.T. -0.00 min
Lab File: BG043258.D
Acq: 16 Oct 2019 23:27

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.3	32.9	72.9
108	104.5	81.3	121.3





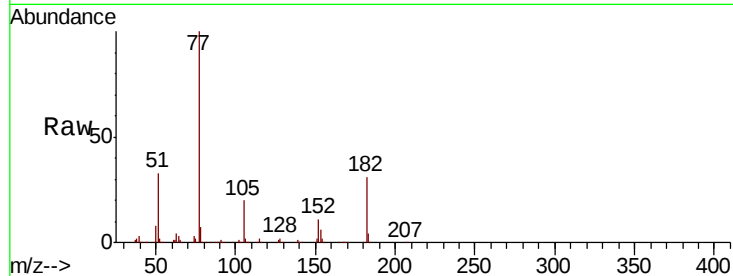
#63
Azobenzene
Concen: 36.217 ng
RT: 16.01 min Scan# 2199
Delta R.T. -0.00 min
Lab File: BG043258.D
Acq: 16 Oct 2019 23:27

Instrument :
BNA_G
ClientSampleId :
VNJ-230MSD

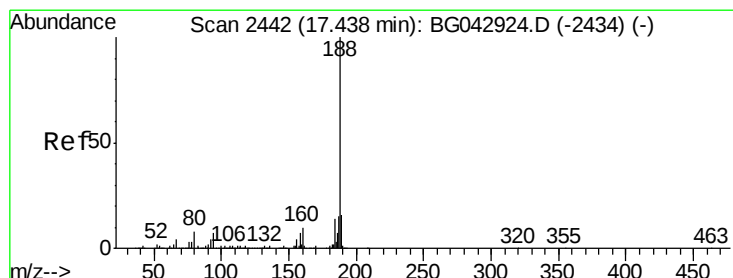
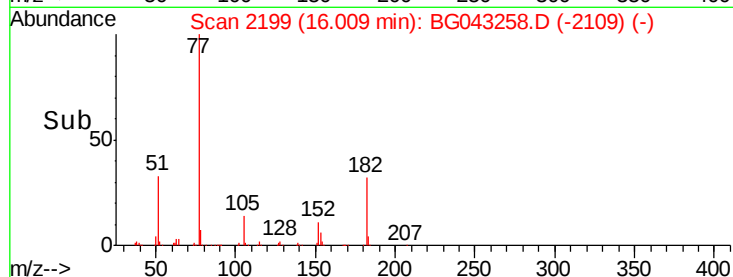
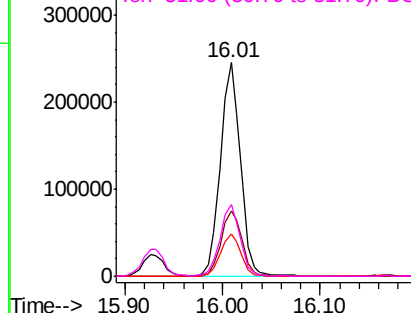
Tot Ion:	77	Resp:	347554
Ion Ratio	Lower	Upper	
77	100		
182	30.8	10.2	50.2
105	19.8	0.0	39.1
51	33.4	13.9	53.9

Manual Integrations
APPROVED

mohammad
10/18/2019 8:26:12 AM



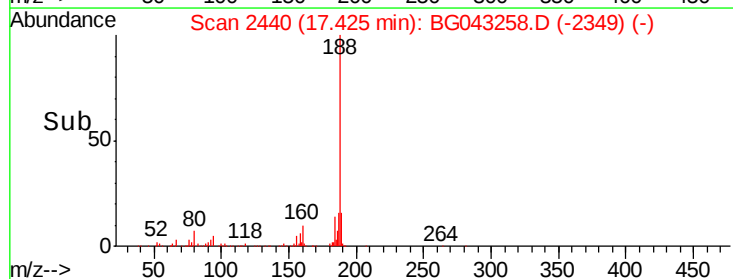
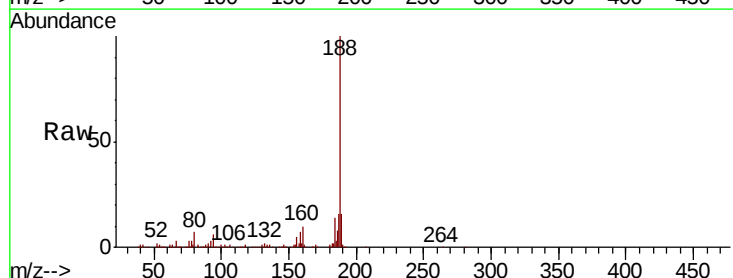
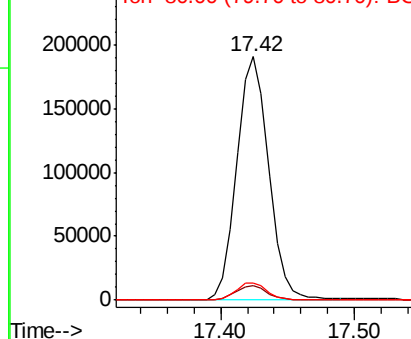
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

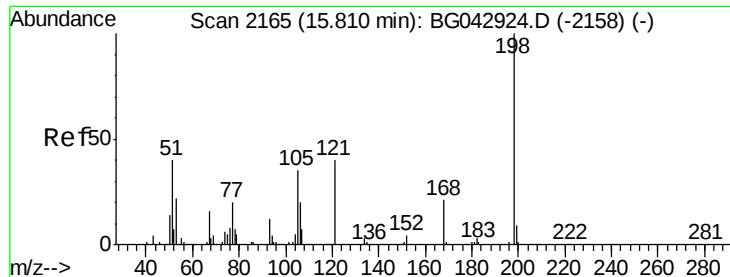


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. 0.01 min
Lab File: BG043258.D
Acq: 16 Oct 2019 23:27

Tgt Ion:	188	Resp:	316717
Ion Ratio	Lower	Upper	
188	100		
94	6.0	5.7	8.5
80	7.0	6.5	9.7

Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





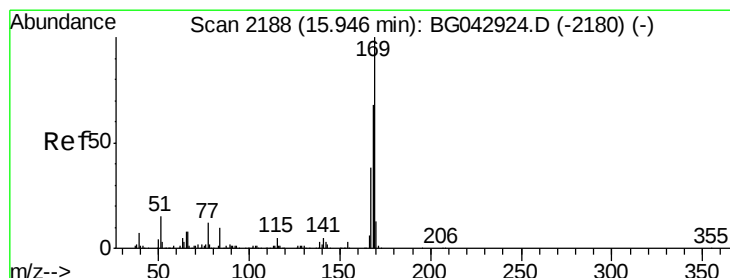
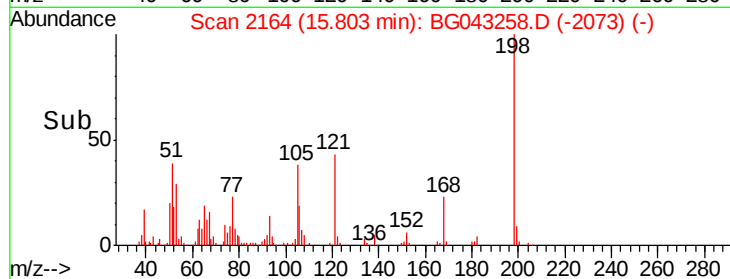
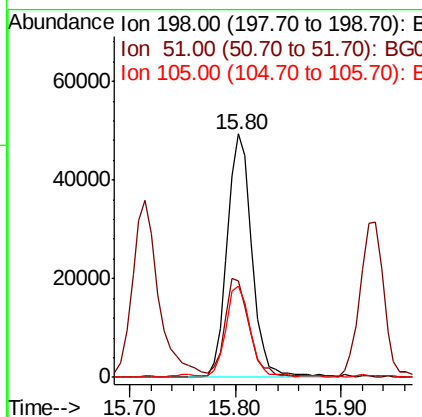
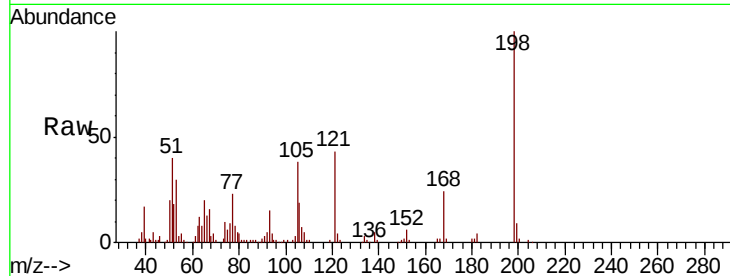
#65
4,6-Dinitro-2-methylphenol
Concen: 44.588 ng
RT: 15.80 min Scan# 2164
Delta R.T. 0.01 min
Lab File: BG043258.D
Acq: 16 Oct 2019 23:27

Instrument :
BNA_G
ClientSampleId :
VNJ-230MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	79911		
51	39.6		25.3	65.3
105	37.6		16.6	56.6

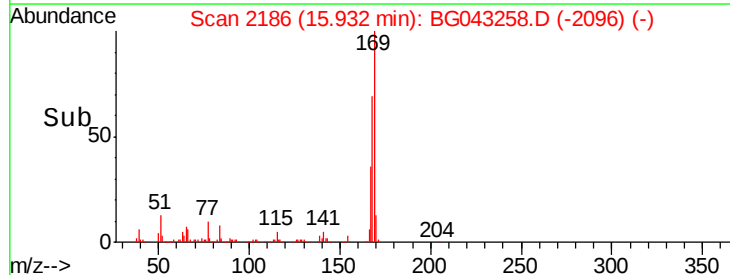
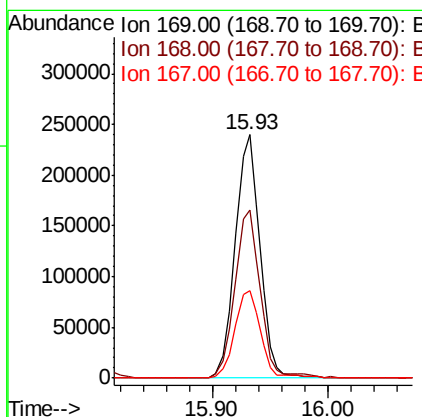
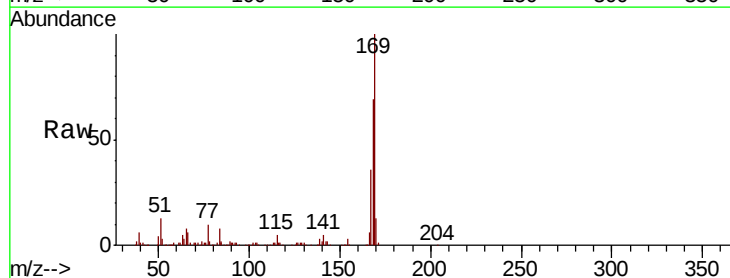
Manual Integrations
APPROVED

mohammad
10/18/2019 8:26:12 AM



#66
n-Nitrosodiphenylamine
Concen: 42.649 ng
RT: 15.93 min Scan# 2186
Delta R.T. -0.00 min
Lab File: BG043258.D
Acq: 16 Oct 2019 23:27

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	356584		
168	68.9		54.8	82.2
167	35.8		30.6	46.0





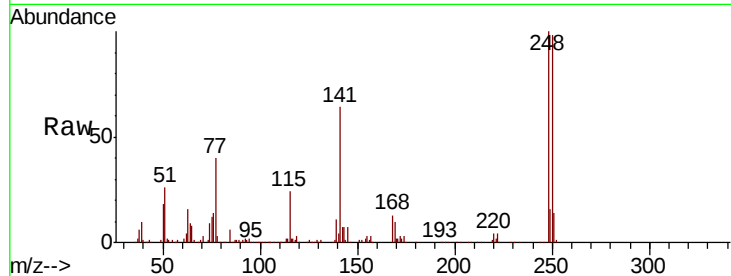
#67
4-Bromophenyl-phenylether
Concen: 41.545 ng
RT: 16.61 min Scan# 2301
Delta R.T. -0.00 min
Lab File: BG043258.D
Acq: 16 Oct 2019 23:27

Instrument :
BNA_G
ClientSampleID :
VNJ-230MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.1	75.8	113.8
141	63.9	51.1	76.7

Manual Integrations
APPROVED

mohammad
10/18/2019 8:26:12 AM

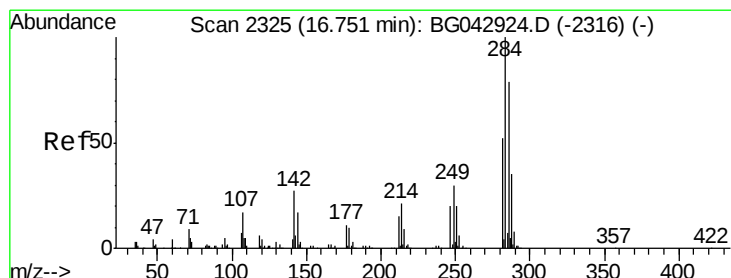
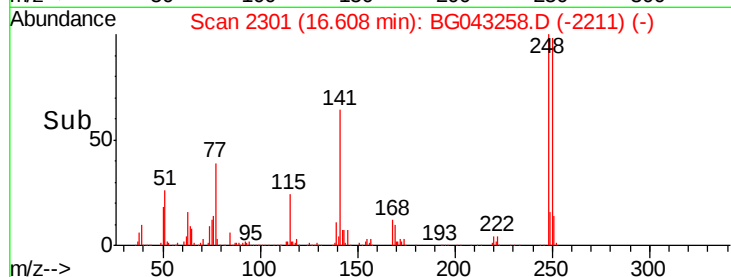
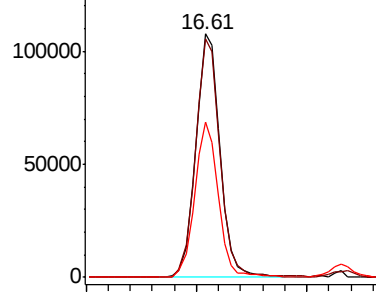


Abundance

Ion 248.00 (247.70 to 248.70): E

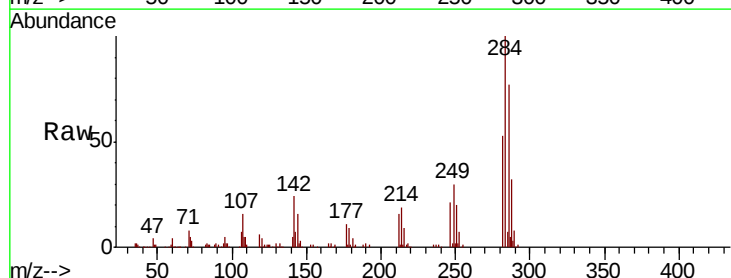
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 41.679 ng
RT: 16.73 min Scan# 2322
Delta R.T. -0.00 min
Lab File: BG043258.D
Acq: 16 Oct 2019 23:27

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.4	21.6	32.4
249	30.5	24.1	36.1

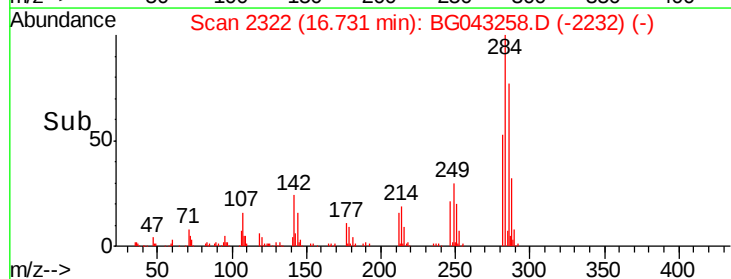
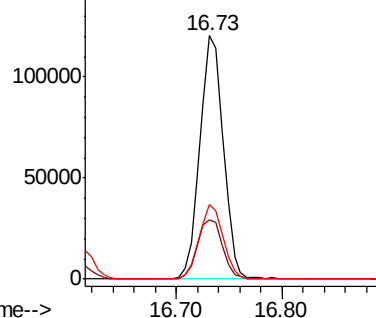


Abundance

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





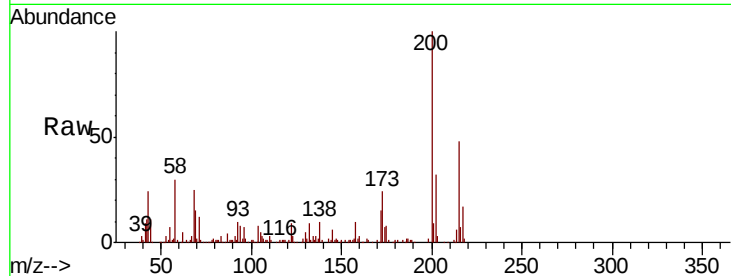
#69
Atrazine
Concen: 38.885 ng
RT: 16.88 min Scan# 2347
Delta R.T. -0.00 min
Lab File: BG043258.D
Acq: 16 Oct 2019 23:27

Instrument :
BNA_G
ClientSampleId :
VNJ-230MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.0	4.0	44.0
215	48.2	27.4	67.4

Manual Integrations
APPROVED

mohammad
10/18/2019 8:26:12 AM

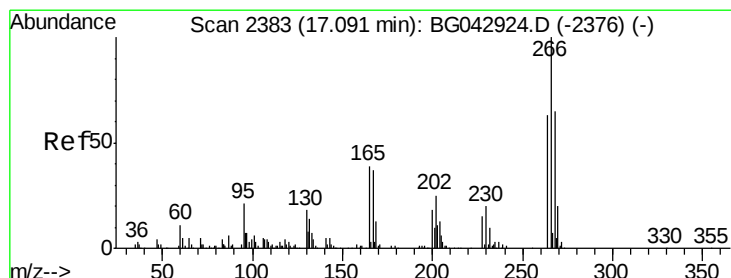
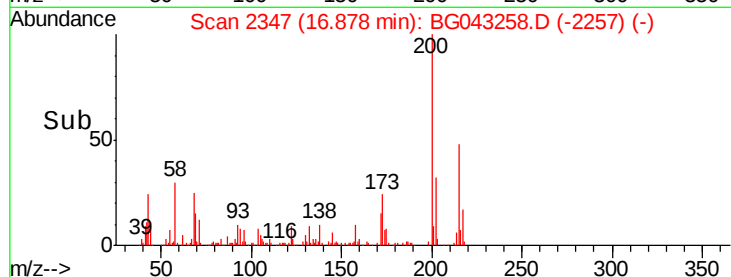
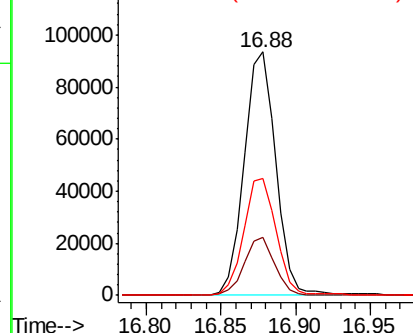


Abundance

Ion 200.00 (199.70 to 200.70): E

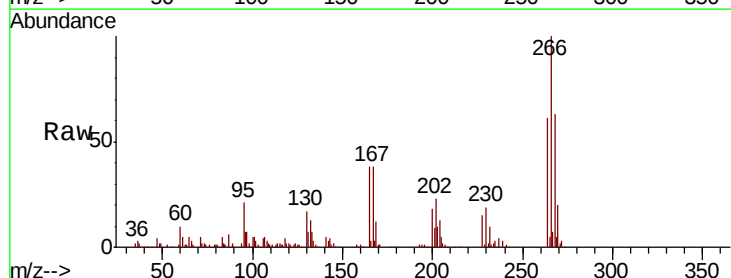
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 80.871 ng
RT: 17.08 min Scan# 2381
Delta R.T. -0.00 min
Lab File: BG043258.D
Acq: 16 Oct 2019 23:27

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.7	52.2	78.2
264	60.6	50.7	76.1

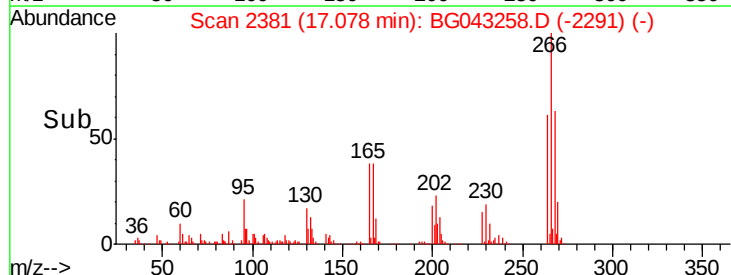
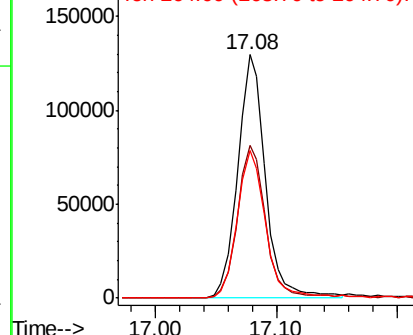


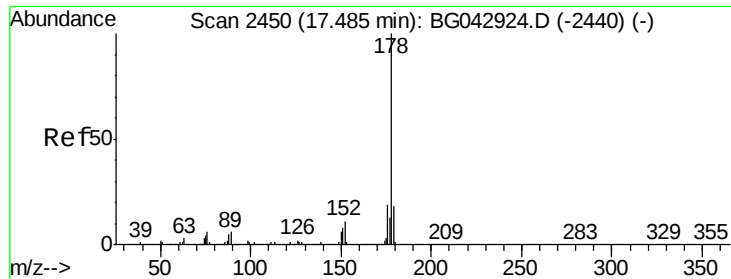
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





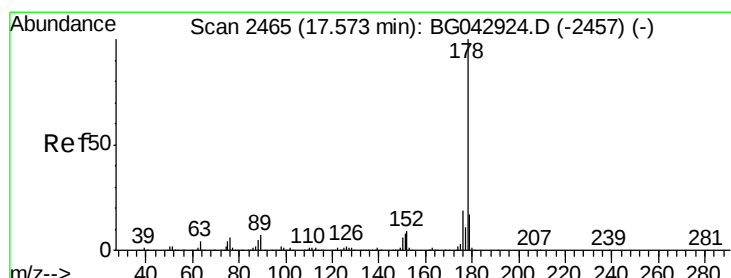
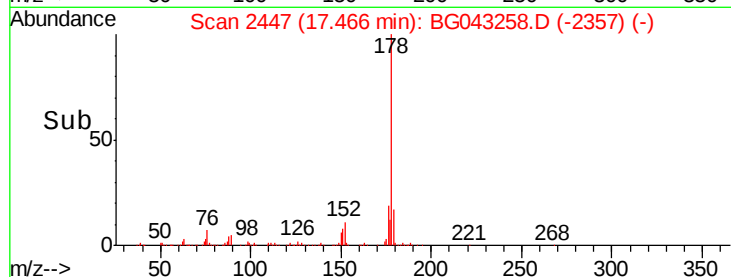
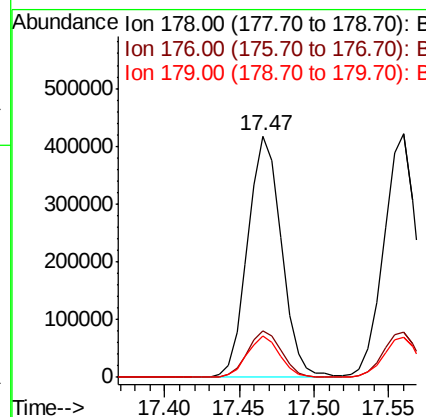
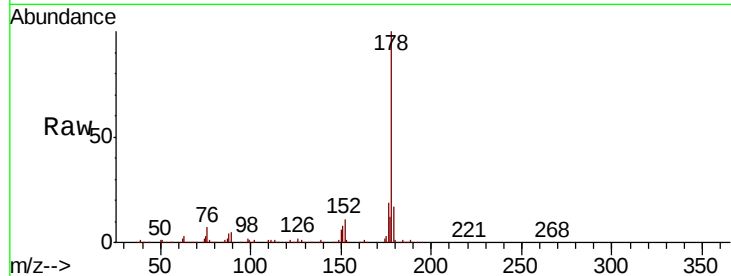
#71
Phenanthrene
Concen: 42.219 ng
RT: 17.47 min Scan# 2447
Delta R.T. -0.00 min
Lab File: BG043258.D
Acq: 16 Oct 2019 23:27

Instrument :
BNA_G
ClientSampleId :
VNJ-230MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.1	22.7
179	16.9	14.1	21.1

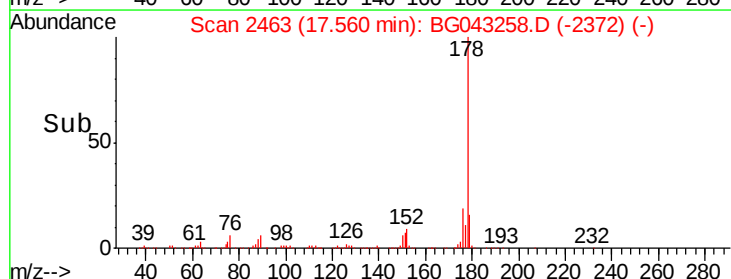
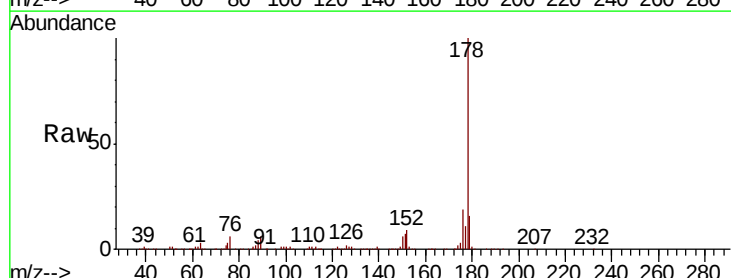
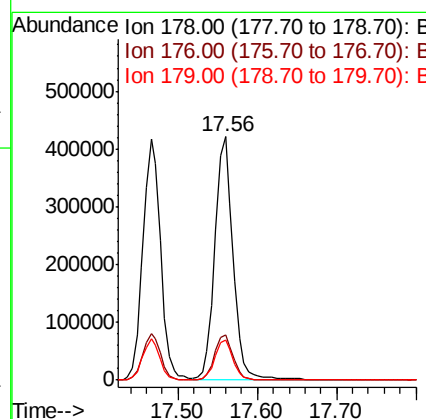
Manual Integrations
APPROVED

mohammad
10/18/2019 8:26:12 AM



#72
Anthracene
Concen: 43.513 ng
RT: 17.56 min Scan# 2463
Delta R.T. 0.01 min
Lab File: BG043258.D
Acq: 16 Oct 2019 23:27

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.5	23.3
179	16.5	13.5	20.3





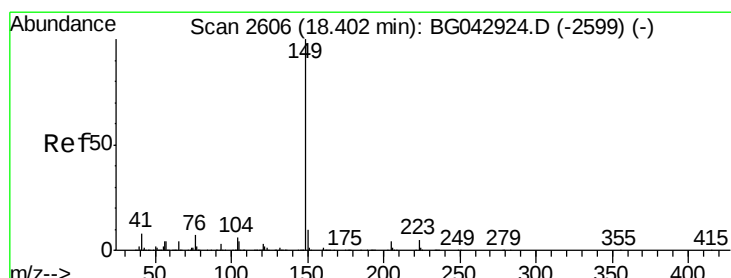
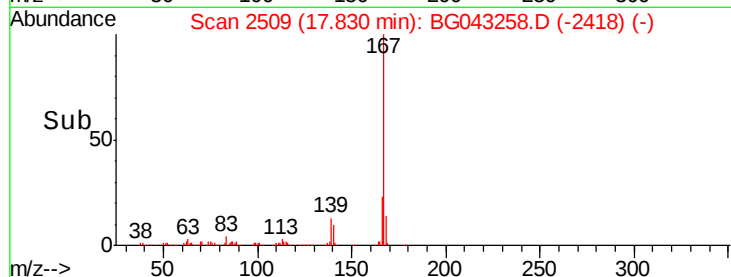
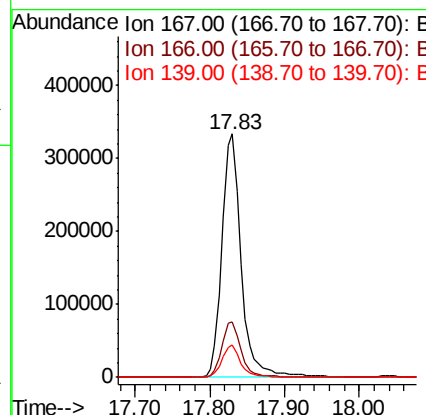
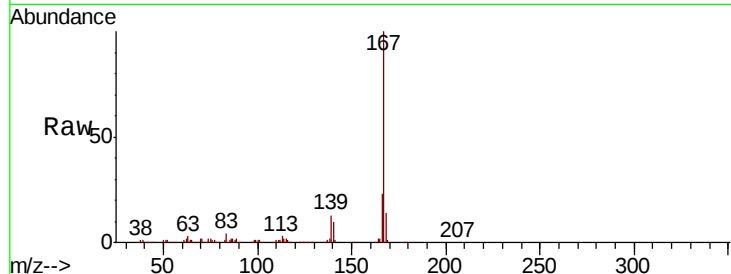
#73
 Carbazole
 Concen: 41.833 ng
 RT: 17.83 min Scan# 2509
 Delta R.T. 0.01 min
 Lab File: BG043258.D
 Acq: 16 Oct 2019 23:27

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-230MSD

Tot Ion:	167	Resp:	598814
Ion Ratio	Lower	Upper	
167	100		
166	22.5	18.6	28.0
139	13.3	10.8	16.2

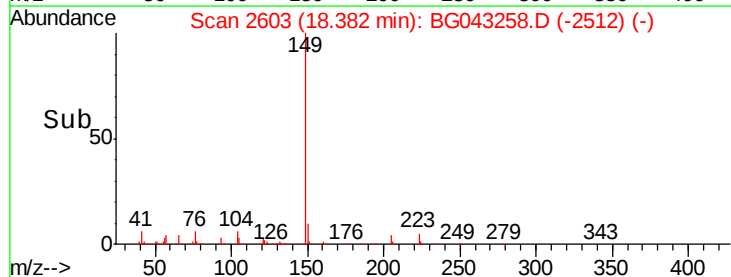
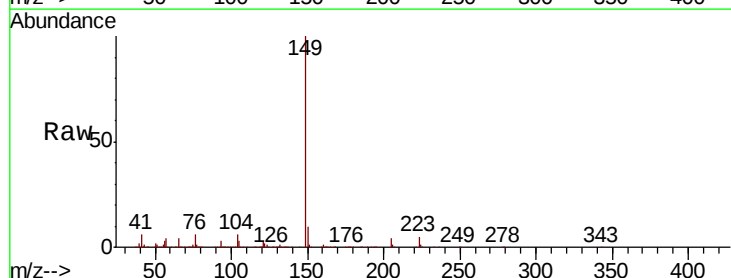
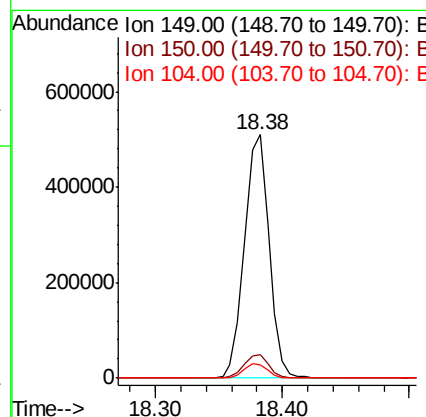
Manual Integrations
 APPROVED

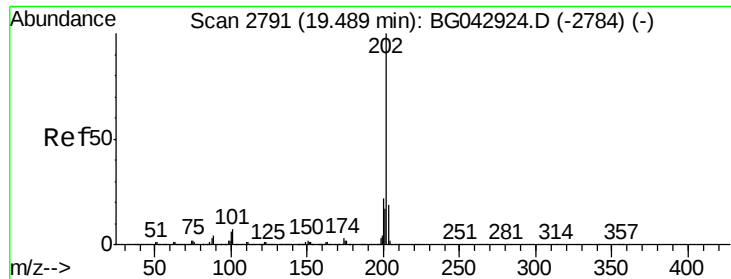
mohammad
 10/18/2019 8:26:12 AM



#74
 Di-n-butylphthalate
 Concen: 40.234 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. 0.01 min
 Lab File: BG043258.D
 Acq: 16 Oct 2019 23:27

Tgt Ion:	149	Resp:	687134
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.7	11.5
104	5.6	5.0	7.6





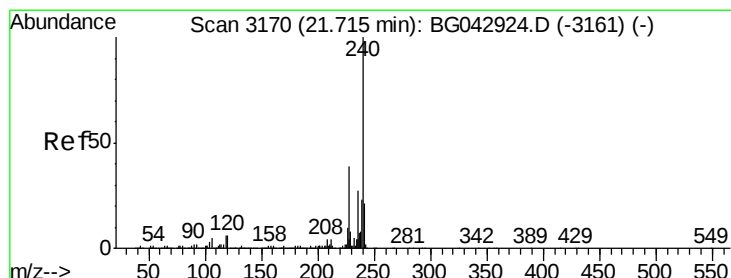
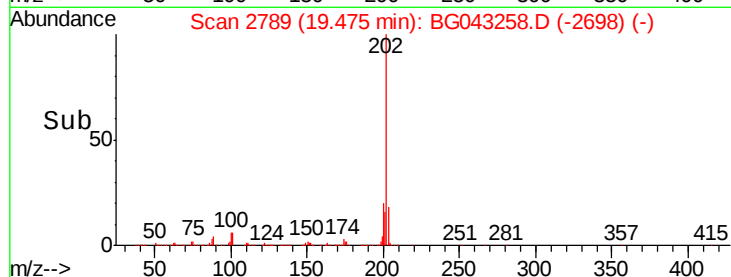
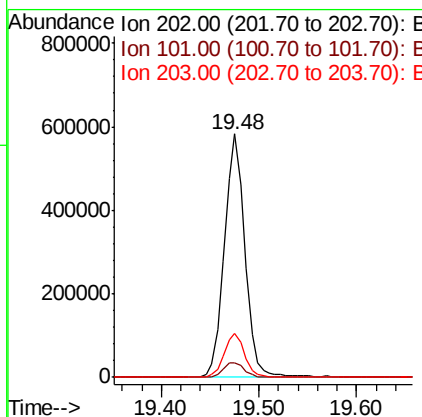
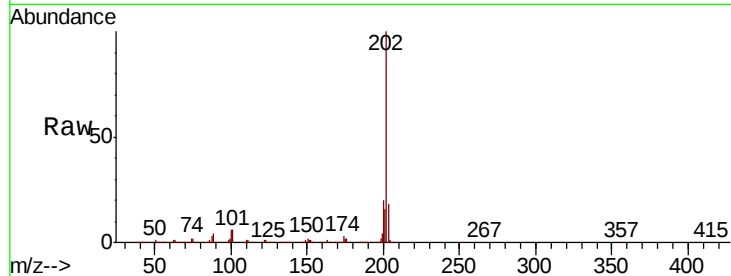
#75
 Fluoranthene
 Concen: 41.479 ng
 RT: 19.48 min Scan# 2789
 Delta R.T. 0.01 min
 Lab File: BG043258.D
 Acq: 16 Oct 2019 23:27

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-230MSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	848316		
101	6.0		0.0	27.3
203	18.2		0.0	39.5

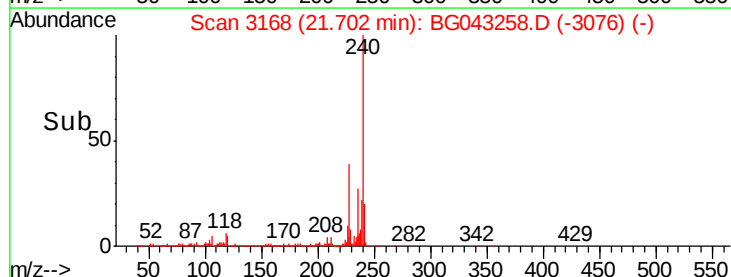
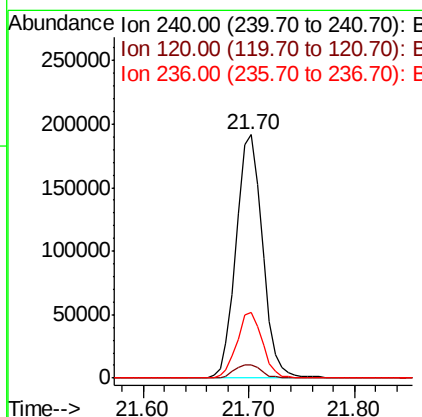
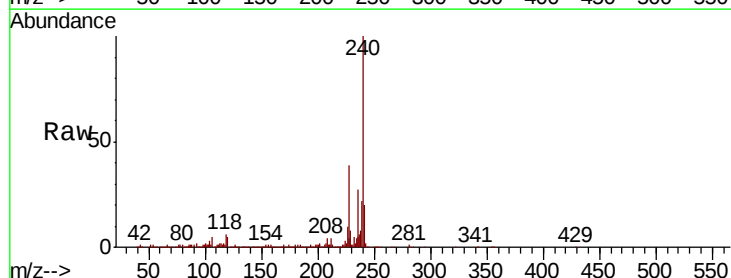
Manual Integrations
 APPROVED

mohammad
 10/18/2019 8:26:12 AM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.70 min Scan# 3168
 Delta R.T. 0.01 min
 Lab File: BG043258.D
 Acq: 16 Oct 2019 23:27

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	331016		
120	5.4		4.8	7.2
236	26.8		21.4	32.0





#77

Benzidine

Concen: 38.469 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.00 min

Lab File: BG043258.D

Acq: 16 Oct 2019 23:27

Instrument :

BNA_G

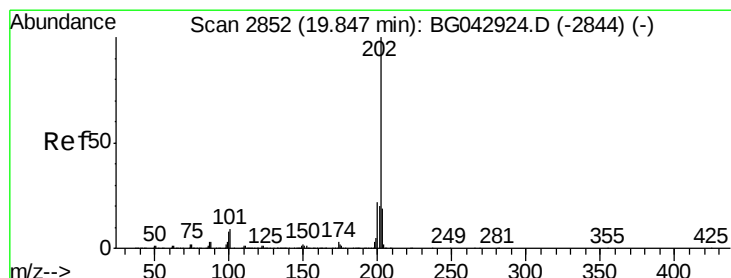
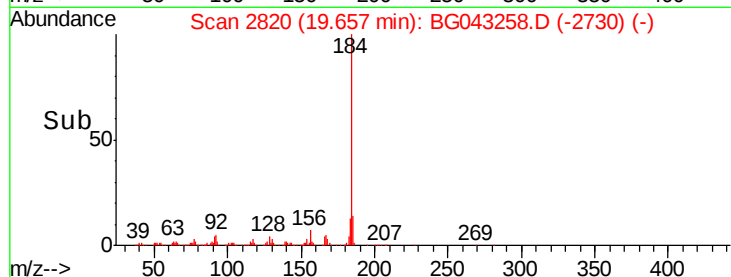
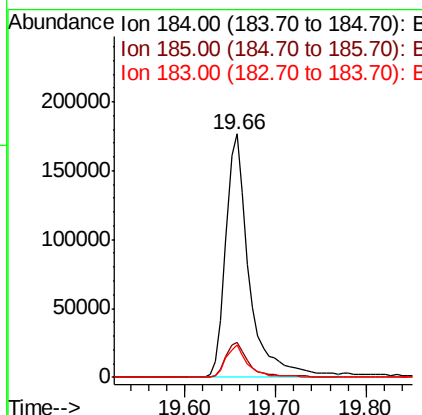
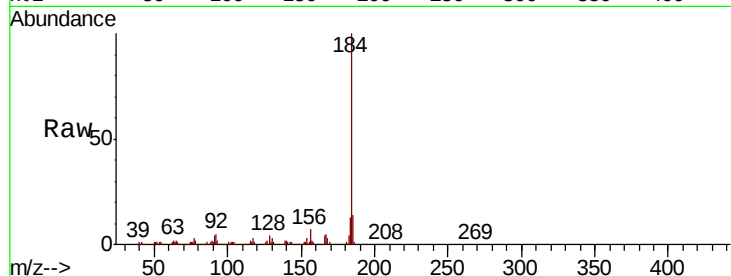
ClientSampleId :

VNJ-230MSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.8	17.8
183	13.3	10.1	15.1

Manual Integrations
APPROVED

mohammad
10/18/2019 8:26:12 AM



#78

Pyrene

Concen: 43.209 ng

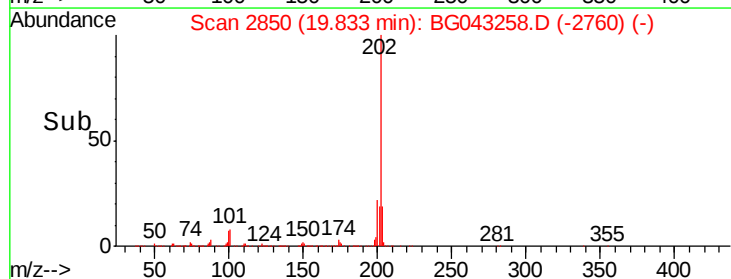
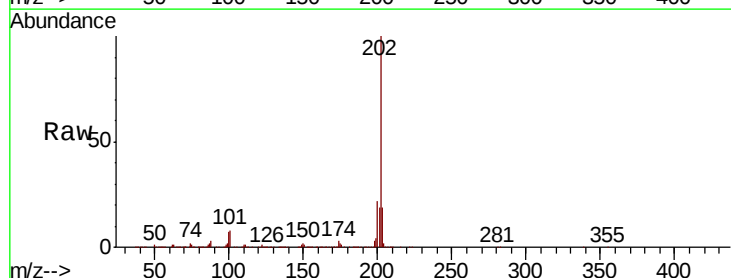
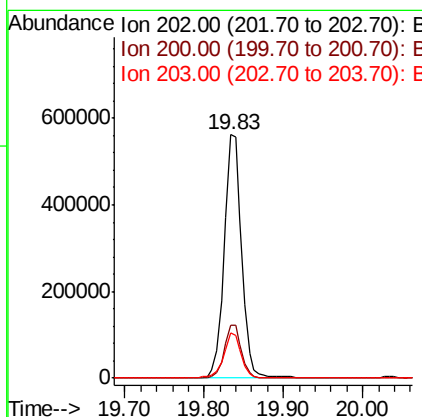
RT: 19.83 min Scan# 2850

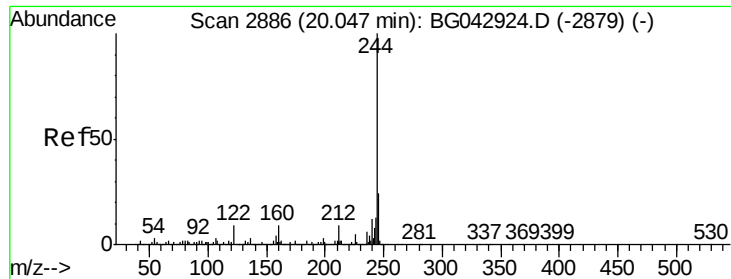
Delta R.T. -0.00 min

Lab File: BG043258.D

Acq: 16 Oct 2019 23:27

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.6	26.4
203	18.8	15.2	22.8





#79

Terphenyl-d14

Concen: 79.190 ng

RT: 20.03 min Scan# 2884

Delta R.T. 0.01 min

Lab File: BG043258.D

Acq: 16 Oct 2019 23:27

Instrument :

BNA_G

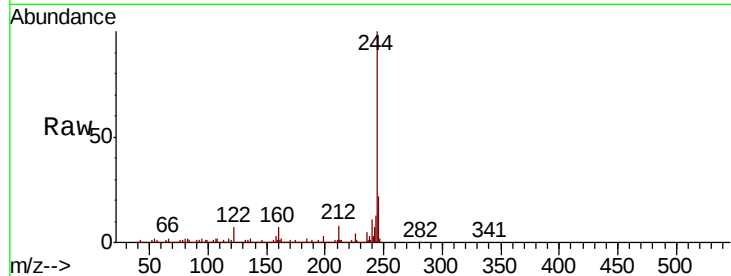
ClientSampleId :

VNJ-230MSD

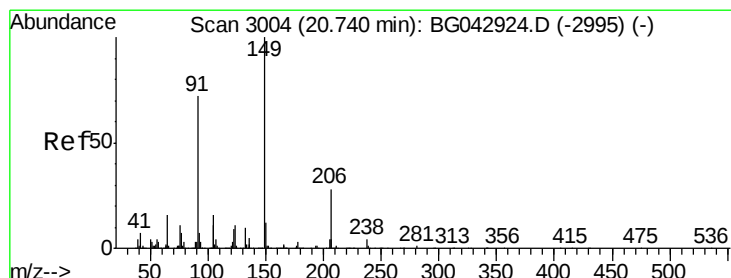
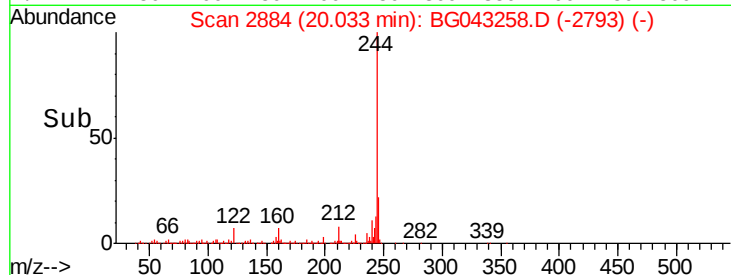
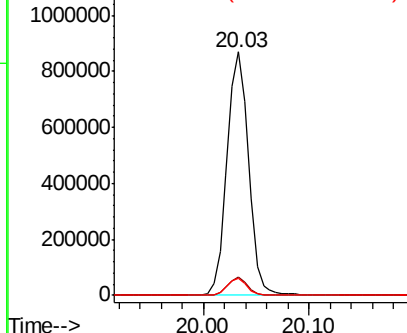
Tot Ion:	244	Resp:	1230149
Ion Ratio	Lower	Upper	
244	100		
212	7.7	7.4	11.0
122	6.8	7.0	10.4

Manual Integrations
APPROVED

mohammad
10/18/2019 8:26:12 AM



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: 41.505 ng

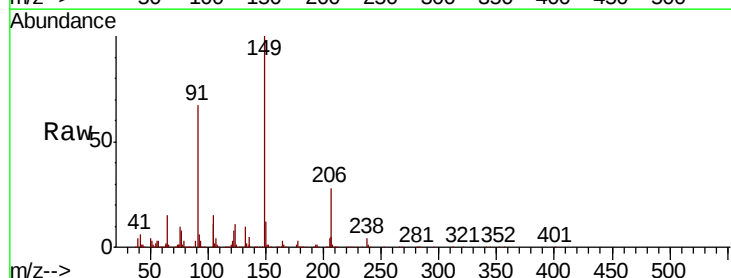
RT: 20.72 min Scan# 3001

Delta R.T. 0.01 min

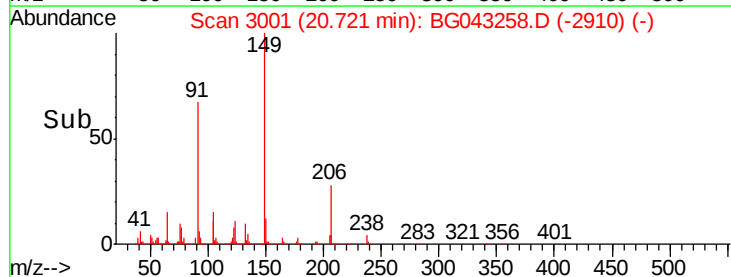
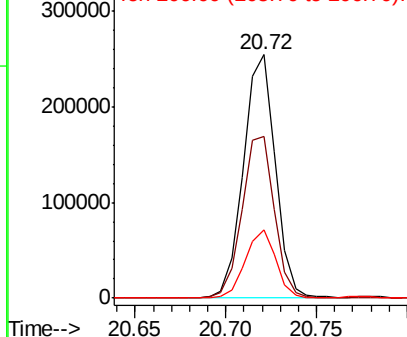
Lab File: BG043258.D

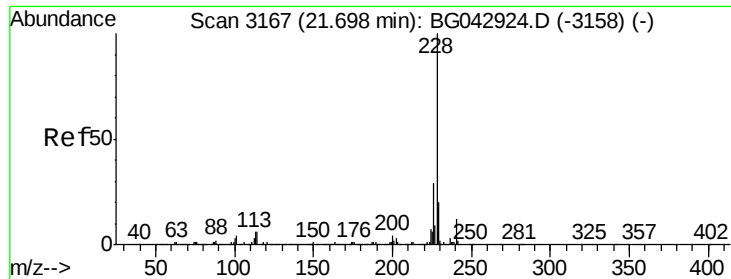
Acq: 16 Oct 2019 23:27

Tgt Ion:	149	Resp:	311260
Ion Ratio	Lower	Upper	
149	100		
91	66.5	57.7	86.5
206	28.2	22.6	33.8



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





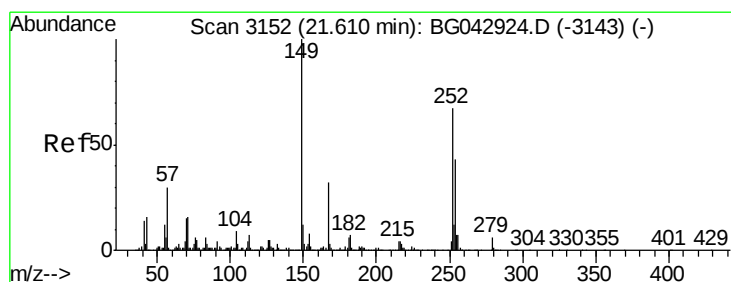
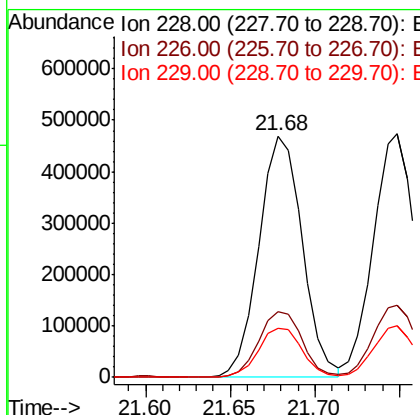
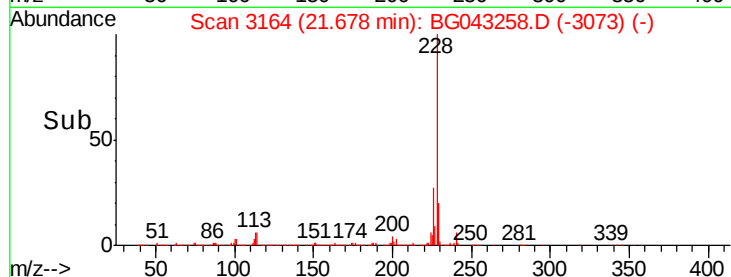
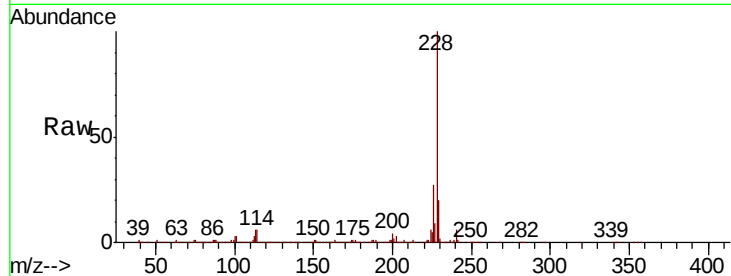
#81
Benzo(a)anthracene
Concen: 40.688 ng
RT: 21.68 min Scan# 3164
Delta R.T. 0.01 min
Lab File: BG043258.D
Acq: 16 Oct 2019 23:27

Instrument :
BNA_G
ClientSampleId :
VNJ-230MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.4	23.0	34.4
229	20.4	16.3	24.5

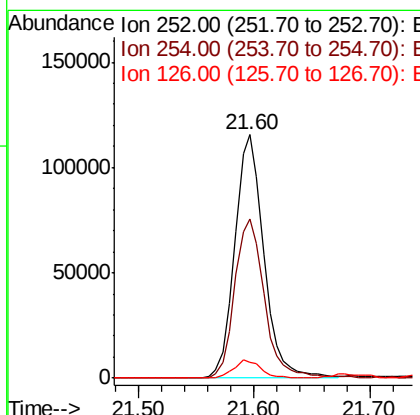
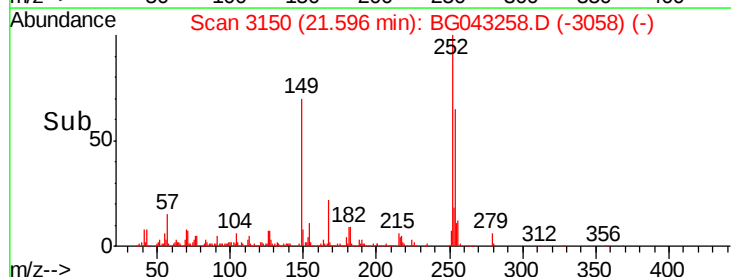
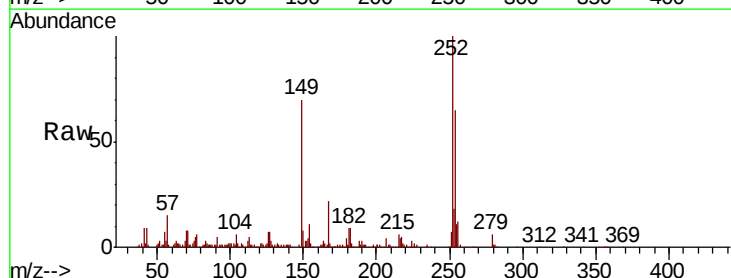
Manual Integrations
APPROVED

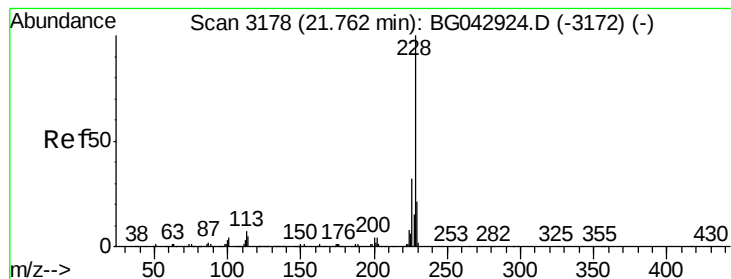
mohammad
10/18/2019 8:26:12 AM



#82
3,3'-Dichlorobenzidine
Concen: 24.877 ng
RT: 21.60 min Scan# 3150
Delta R.T. 0.01 min
Lab File: BG043258.D
Acq: 16 Oct 2019 23:27

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.2	51.9	77.9
126	6.6	6.1	9.1





#83

Chrysene

Concen: 41.339 ng

RT: 21.75 min Scan# 3176

Delta R.T. 0.01 min

Lab File: BG043258.D

Acq: 16 Oct 2019 23:27

Instrument :

BNA_G

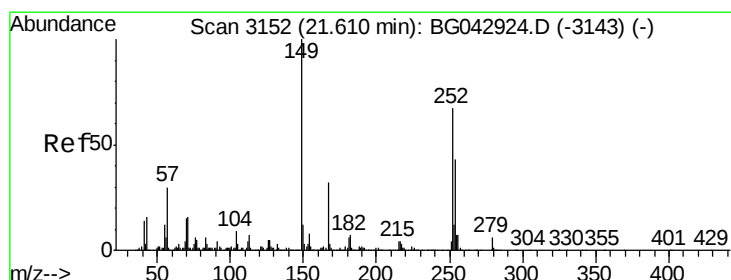
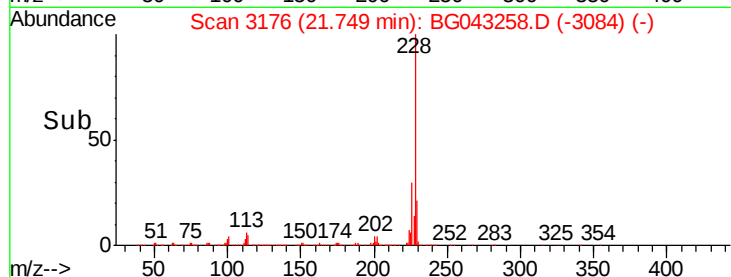
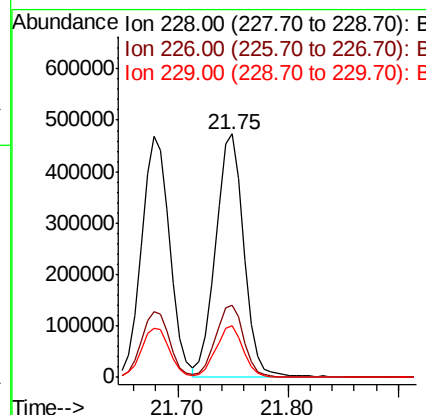
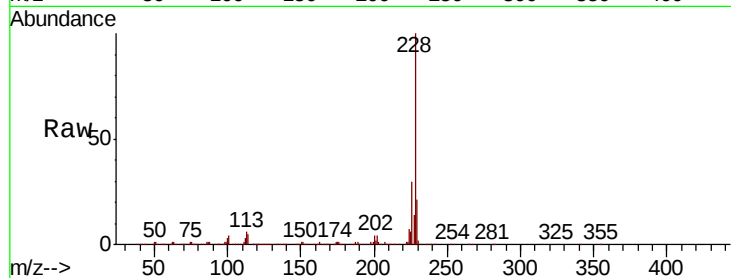
ClientSampleId :

VNJ-230MSD

Tot Ion:	228	Resp:	827414
Ion Ratio	Lower	Upper	
228	100		
226	29.6	25.6	38.4
229	21.2	16.9	25.3

Manual Integrations
APPROVED

mohammad
10/18/2019 8:26:12 AM



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.528 ng

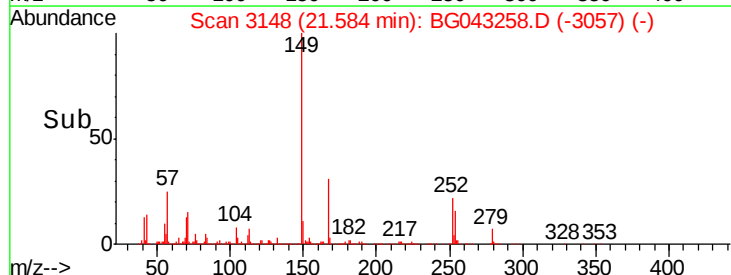
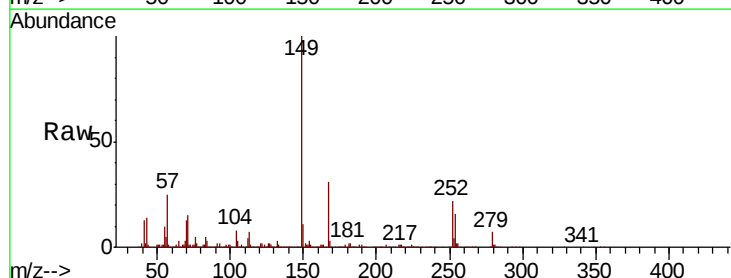
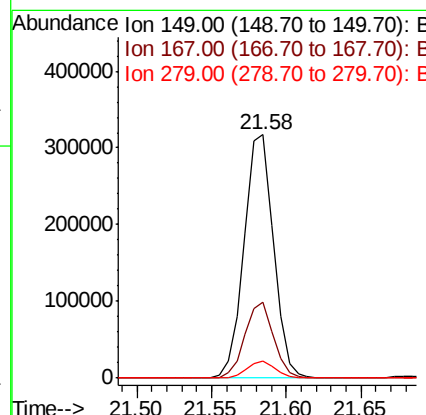
RT: 21.58 min Scan# 3148

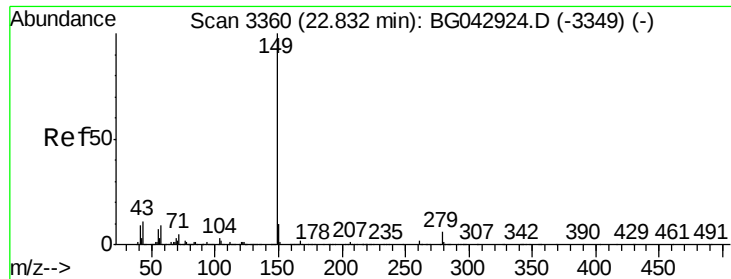
Delta R.T. 0.01 min

Lab File: BG043258.D

Acq: 16 Oct 2019 23:27

Tgt Ion:	149	Resp:	432480
Ion Ratio	Lower	Upper	
149	100		
167	31.4	25.4	38.2
279	7.1	5.1	7.7





#85

Di-n-octyl phthalate

Concen: 42.973 ng

RT: 22.79 min Scan# 3354

Delta R.T. 0.01 min

Lab File: BG043258.D

Acq: 16 Oct 2019 23:27

Instrument :

BNA_G

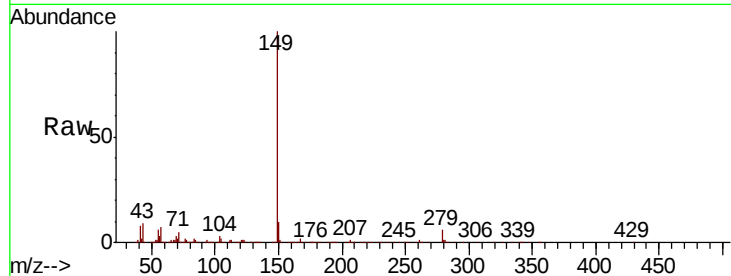
ClientSampleId :

VNJ-230MSD

Tot Ion:	149	Resp:	749849
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.4	2.0
43	8.8	8.7	13.1

Manual Integrations
APPROVED

mohammad
10/18/2019 8:26:12 AM



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

22.79

400000

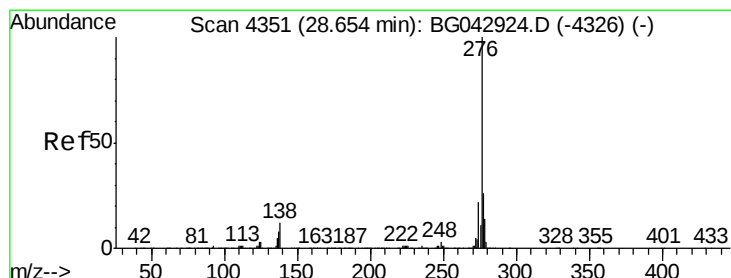
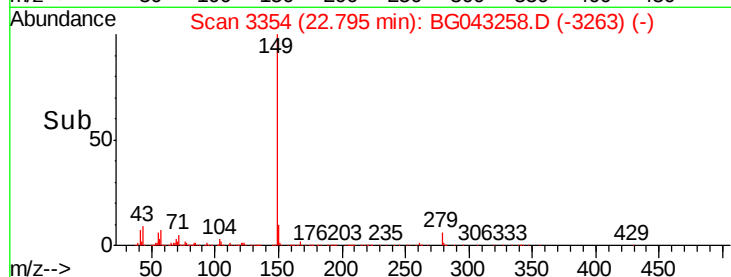
300000

200000

100000

0

Time--> 22.60 22.70 22.80 22.90



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.446 ng

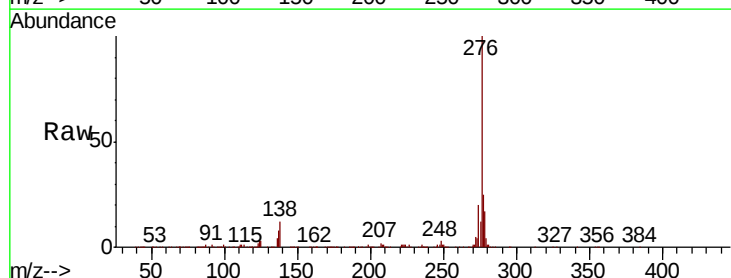
RT: 28.61 min Scan# 4344

Delta R.T. 0.03 min

Lab File: BG043258.D

Acq: 16 Oct 2019 23:27

Tgt Ion:	276	Resp:	1082551
Ion Ratio	Lower	Upper	
276	100		
138	13.9	7.0	10.6#
277	26.2	20.9	31.3



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

28.61

250000

200000

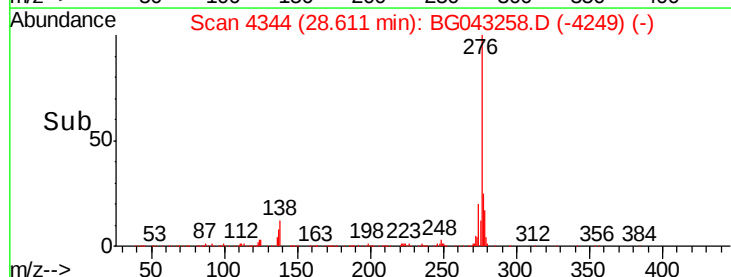
150000

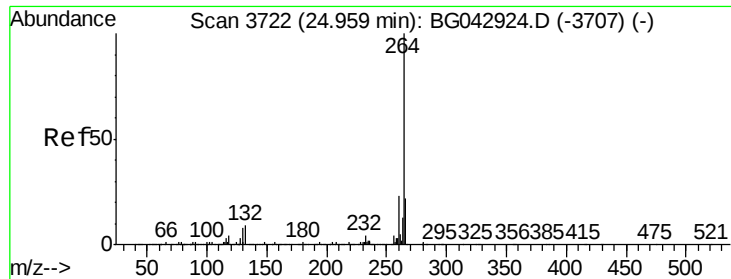
100000

50000

0

Time--> 28.40 28.60 28.80





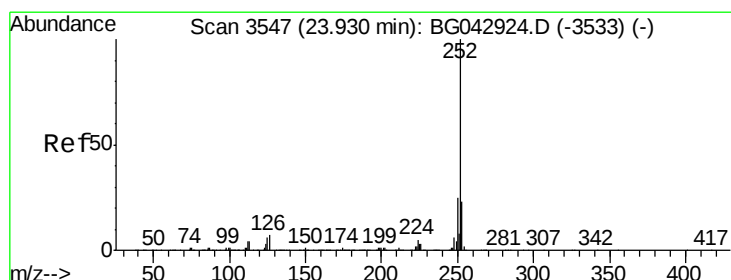
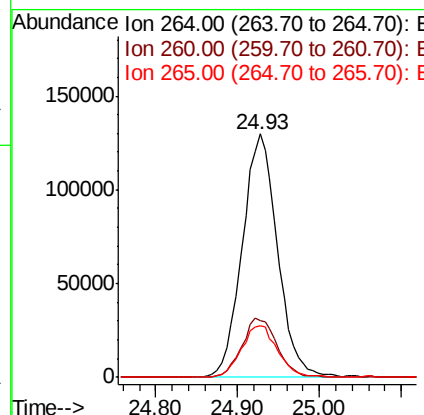
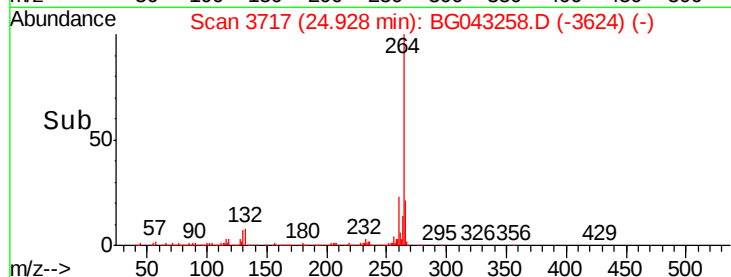
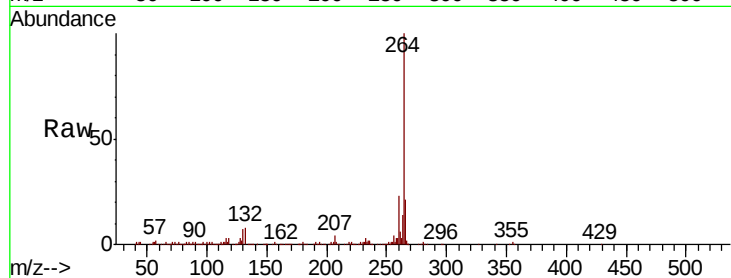
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3717
Delta R.T. 0.02 min
Lab File: BG043258.D
Acq: 16 Oct 2019 23:27

Instrument :
BNA_G
ClientSampleId :
VNJ-230MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.7	28.1
265	21.1	17.7	26.5

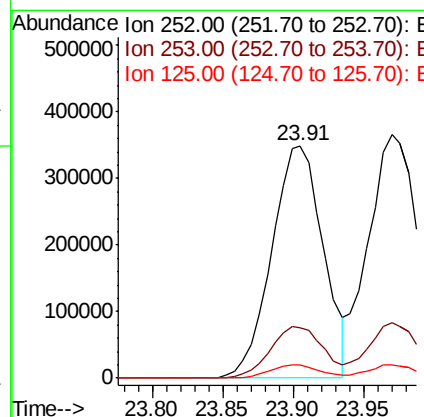
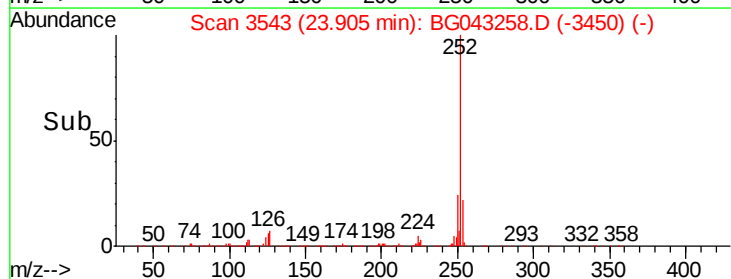
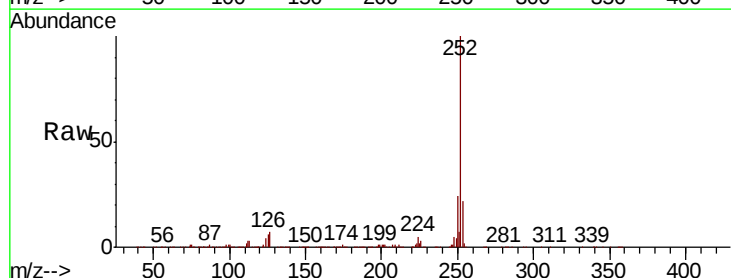
Manual Integrations
APPROVED

mohammad
10/18/2019 8:26:12 AM



#88
Benzo(b)fluoranthene
Concen: 40.401 ng
RT: 23.91 min Scan# 3543
Delta R.T. 0.02 min
Lab File: BG043258.D
Acq: 16 Oct 2019 23:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.2
125	5.7	4.6	7.0





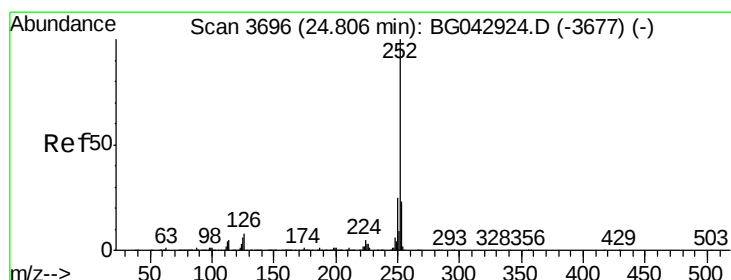
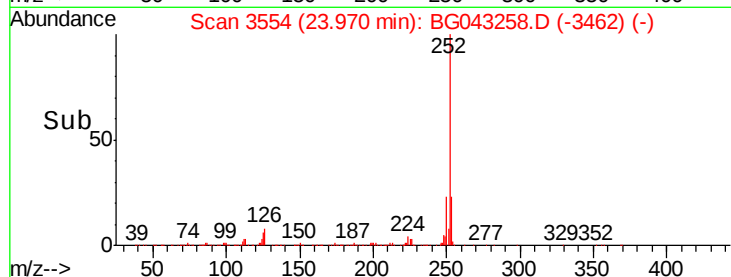
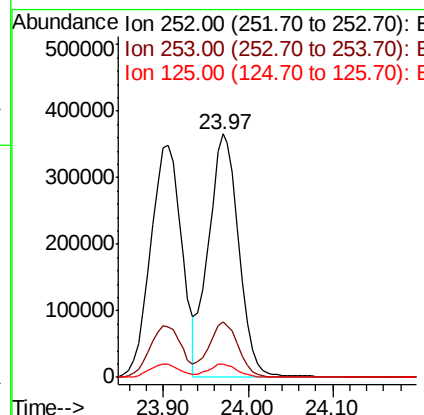
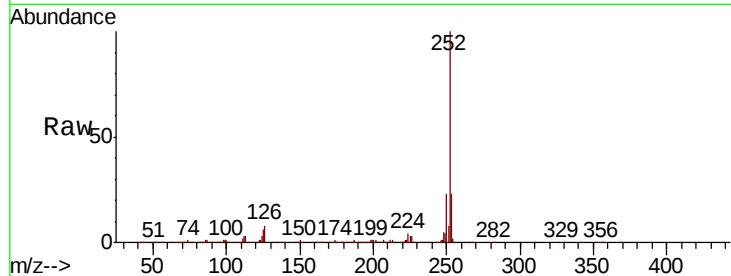
#89
Benzo(k)fluoranthene
Concen: 41.913 ng
RT: 23.97 min Scan# 3554
Delta R.T. 0.01 min
Lab File: BG043258.D
Acq: 16 Oct 2019 23:27

Instrument :
BNA_G
ClientSampleId :
VNJ-230MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.9	28.3
125	5.7	4.5	6.7

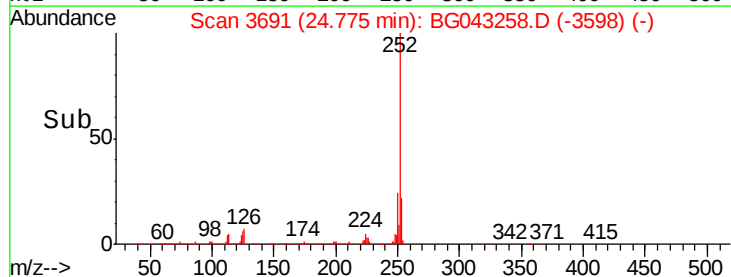
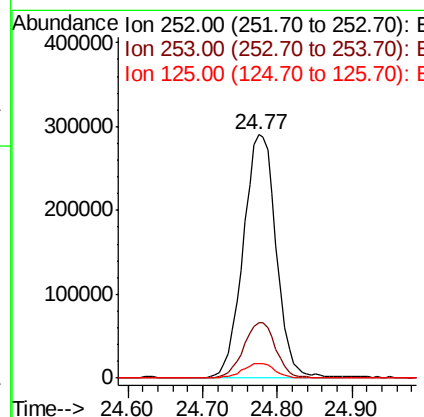
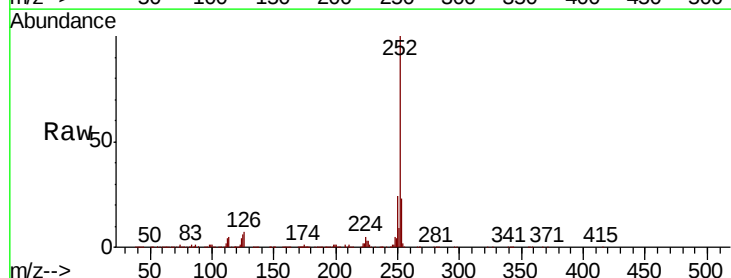
Manual Integrations
APPROVED

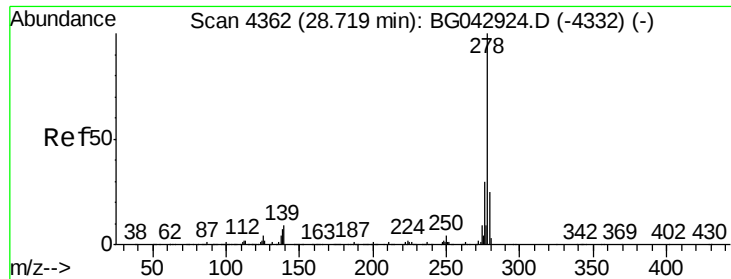
mohammad
10/18/2019 8:26:12 AM



#90
Benzo(a)pyrene
Concen: 42.828 ng
RT: 24.77 min Scan# 3691
Delta R.T. 0.02 min
Lab File: BG043258.D
Acq: 16 Oct 2019 23:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.4
125	6.1	5.0	7.6





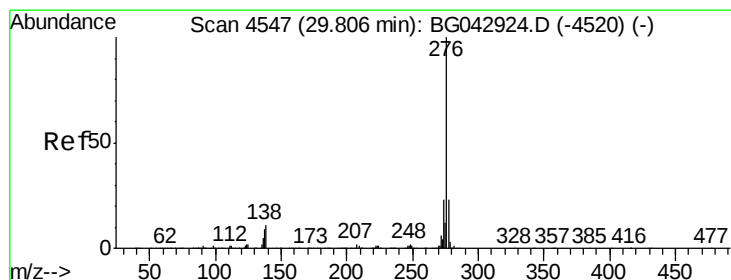
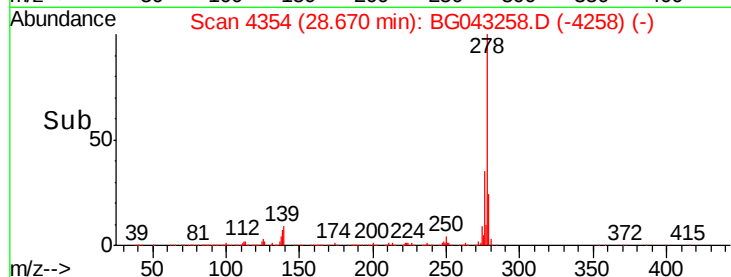
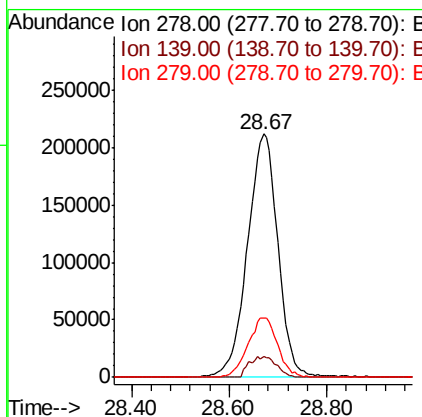
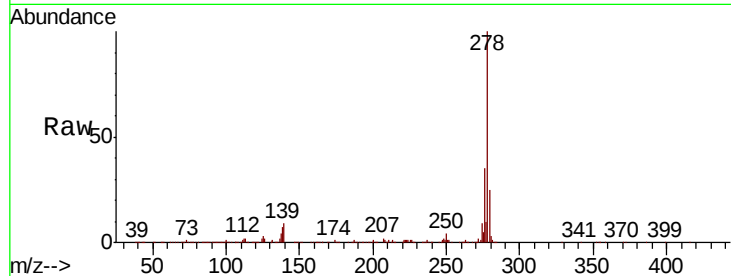
#91
Dibenzo(a,h)anthracene
Concen: 43.353 ng
RT: 28.67 min Scan# 4354
Delta R.T. 0.04 min
Lab File: BG043258.D
Acq: 16 Oct 2019 23:27

Instrument :
BNA_G
ClientSampleId :
VNJ-230MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.6	6.8	10.2
279	24.5	20.1	30.1

Manual Integrations
APPROVED

mohammad
10/18/2019 8:26:12 AM



#92
Benzo(g,h,i)perylene
Concen: 43.560 ng
RT: 29.76 min Scan# 4540
Delta R.T. 0.04 min
Lab File: BG043258.D
Acq: 16 Oct 2019 23:27

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.4	27.6
138	12.1	8.6	12.8

