

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060319\
 Data File : BG041031.D
 Acq On : 3 Jun 2019 13:05
 Operator : HP/JU
 Sample : K3010-05MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FESB-23(3-3.5)MSD

Manual Integrations
 APPROVED

mohammad
 6/5/2019 8:35:22 AM

Quant Time: Jun 03 17:38:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	59214	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	231820	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	168110	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	418089	20.00	ng	0.00
76) Chrysene-d12	21.78	240	417414	20.00	ng	0.00
87) Perylene-d12	25.11	264	446648	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	473439	144.17	ng	0.00
7) Phenol-d6	7.27	99	688169	135.69	ng	0.00
23) Nitrobenzene-d5	9.30	82	470061	90.02	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	351512	140.85	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	1022607	87.60	ng	0.00
79) Terphenyl-d14	20.09	244	1725859	87.75	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	52411	35.172	ng	# 92
3) Pyridine	3.93	79	51670	11.719	ng	93
4) n-Nitrosodimethylamine	3.85	42	89040	43.511	ng	87
6) Aniline	7.45	93	85056	12.565	ng	97
8) 2-Chlorophenol	7.68	128	174855	44.664	ng	97
9) Benzaldehyde	7.26	77	113104	37.386	ng	86
10) Phenol	7.29	94	248873	45.768	ng	98
11) bis(2-Chloroethyl)ether	7.54	93	168165	42.630	ng	95
12) 1,3-Dichlorobenzene	8.01	146	188537	40.322	ng	96
13) 1,4-Dichlorobenzene	8.15	146	192372	40.645	ng	95
14) 1,2-Dichlorobenzene	8.48	146	186292	40.538	ng	98
15) Benzyl Alcohol	8.36	79	207818	44.298	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.64	45	262763	40.764	ng	100
17) 2-Methylphenol	8.55	107	169013	42.928	ng	99
18) Hexachloroethane	9.20	117	75158	41.201	ng	99
19) n-Nitroso-di-n-propylamine	8.92	70	159890	40.968	ng	96
20) 3+4-Methylphenols	8.88	107	230649	42.292	ng	99
22) Acetophenone	8.95	105	304745	46.863	ng	97
24) Nitrobenzene	9.34	77	243886	45.830	ng	98
25) Isophorone	9.86	82	450672	45.350	ng	98
26) 2-Nitrophenol	10.05	139	109105	49.733	ng	90
27) 2,4-Dimethylphenol	10.09	122	184041	50.795	ng	93
28) bis(2-Chloroethoxy)methane	10.34	93	240507	44.840	ng	98
29) 2,4-Dichlorophenol	10.58	162	209489	45.531	ng	94
30) 1,2,4-Trichlorobenzene	10.80	180	231033	44.140	ng	93
31) Naphthalene	10.99	128	563384	45.264	ng	100
32) Benzoic acid	10.19	122	39566	19.795	ng	95
33) 4-Chloroaniline	11.10	127	60116	10.410	ng	93
34) Hexachlorobutadiene	11.25	225	172595	43.096	ng	99
35) Caprolactam	11.89	113	57518m	37.856	ng	
36) 4-Chloro-3-methylphenol	12.21	107	241316	45.924	ng	99
37) 2-Methylnaphthalene	12.59	142	424162	44.247	ng	98
38) 1-Methylnaphthalene	12.81	142	400895	44.379	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	309951	45.744	ng	98

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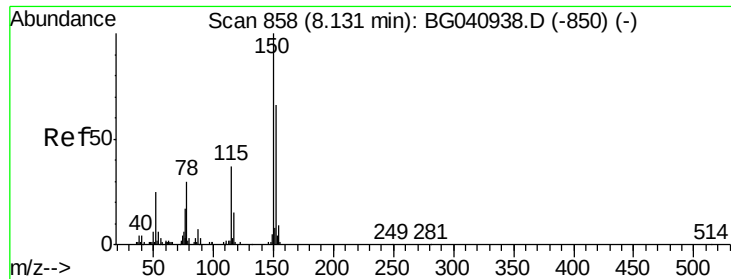
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	334505	90.621	nq	98
43) 2,4,6-Trichlorophenol	13.19	196	204281	46.604	nq	99
44) 2,4,5-Trichlorophenol	13.26	196	218840	47.339	nq	98
46) 1,1'-Biphenyl	13.59	154	579468	46.567	nq	99
47) 2-Chloronaphthalene	13.63	162	471277	44.115	nq	96
48) 2-Nitroaniline	13.84	65	176388	46.025	nq	94
49) Acenaphthylene	14.48	152	727051	45.219	nq	99
50) Dimethylphthalate	14.20	163	718262	50.473	nq	99
51) 2,6-Dinitrotoluene	14.33	165	142897	46.573	nq	95
52) Acenaphthene	14.82	154	435001	44.661	nq	99
53) 3-Nitroaniline	14.66	138	67999	22.163	nq	91
54) 2,4-Dinitrophenol	14.86	184	90883	63.042	nq	93
55) Dibenzofuran	15.15	168	743076	45.339	nq	99
56) 4-Nitrophenol	14.96	139	218621	103.885	nq	90
57) 2,4-Dinitrotoluene	15.11	165	200851	46.342	nq	97
58) Fluorene	15.80	166	583436	44.700	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.37	232	223016	49.090	nq	98
60) Diethylphthalate	15.55	149	628412	43.271	nq	98
61) 4-Chlorophenyl-phenylether	15.78	204	364339	42.946	nq	95
62) 4-Nitroaniline	15.83	138	140306	43.196	nq	96
63) Azobenzene	16.07	77	585299	44.342	nq	98
65) 4,6-Dinitro-2-methylphenol	15.87	198	103990	46.700	nq	96
66) n-Nitrosodiphenylamine	16.00	169	533631	45.404	nq	100
67) 4-Bromophenyl-phenylether	16.68	248	243291	43.119	nq	97
68) Hexachlorobenzene	16.79	284	252222	41.980	nq	98
69) Atrazine	16.94	200	225660	49.760	nq	96
70) Pentachlorophenol	17.14	266	296896	91.594	nq	97
71) Phenanthrene	17.54	178	980385	45.018	nq	98
72) Anthracene	17.63	178	1008250	46.942	nq	100
73) Carbazole	17.90	167	895056	48.566	nq	99
74) Di-n-butylphthalate	18.43	149	1011451	44.157	nq	98
75) Fluoranthene	19.54	202	1252503	46.563	nq	97
77) Benzidine	19.72	184	102786	10.322	nq	97
78) Pyrene	19.90	202	1259896	46.431	nq	99
80) Butylbenzylphthalate	20.77	149	489938	46.397	nq	97
81) Benzo(a)anthracene	21.75	228	1242223	44.707	nq	99
82) 3,3'-Dichlorobenzidine	21.67	252	183185	18.744	nq	97
83) Chrysene	21.82	228	1208248	45.440	nq	97
84) Bis(2-ethylhexyl)phthalate	21.62	149	673303	45.295	nq	100
85) Di-n-octyl phthalate	22.87	149	1138082	45.970	nq	100
86) Indeno(1,2,3-cd)pyrene	28.96	276	1486652	45.642	nq	# 98
88) Benzo(b)fluoranthene	24.05	252	1263128	46.626	nq	99
89) Benzo(k)fluoranthene	24.12	252	1219454	45.488	nq	98
90) Benzo(a)pyrene	24.96	252	1227465	47.491	nq	98
91) Dibenzo(a,h)anthracene	29.02	278	1219753	47.229	nq	99
92) Benzo(g,h,i)perylene	30.16	276	1215485	48.444	nq	98

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



#1

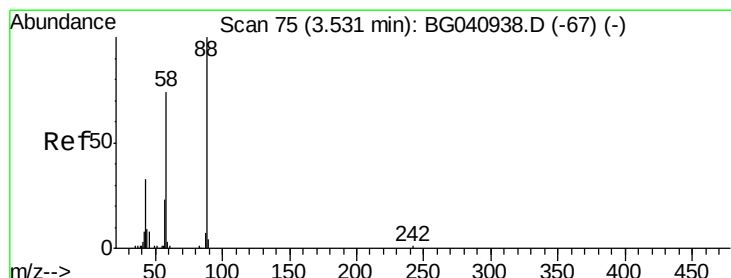
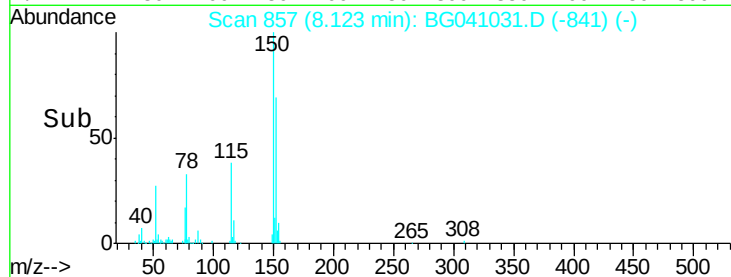
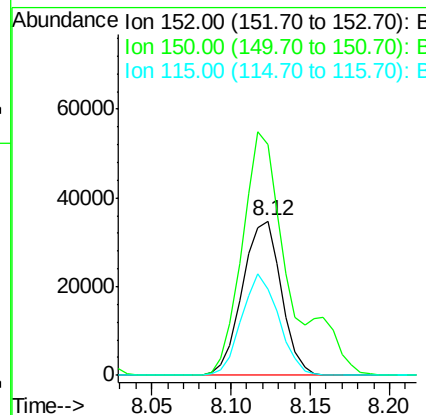
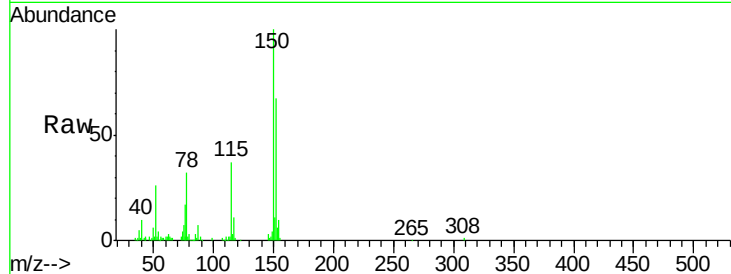
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 857
Delta R.T. -0.01 min
Lab File: BG041031.D
Acq: 3 Jun 2019 13:05

Instrument :
BNA_G
ClientSampleId :
FESB-23(3-3.5)MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.4	120.6	180.8
115	55.6	45.1	67.7

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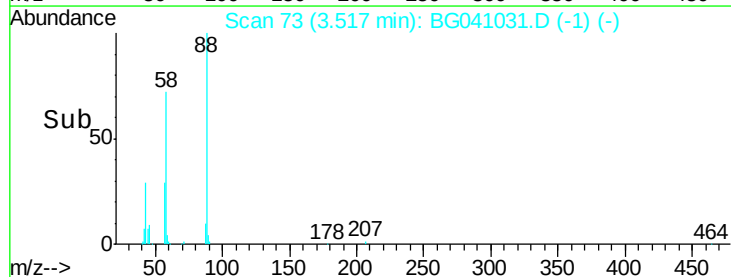
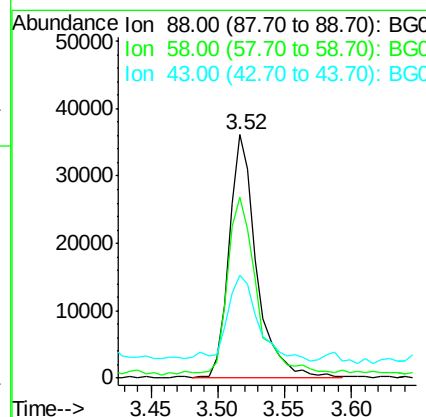
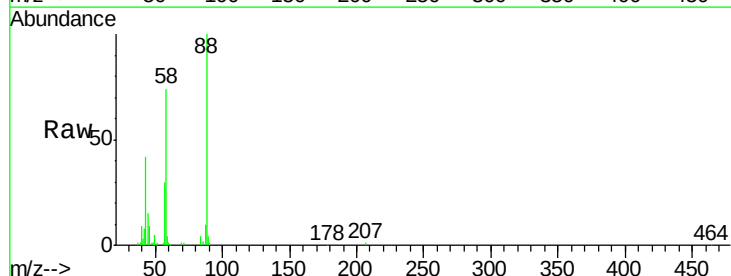
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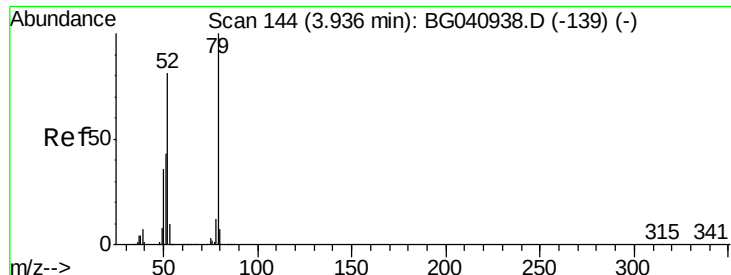


#2

1,4-Dioxane
Concen: 35.172 ng
RT: 3.52 min Scan# 73
Delta R.T. -0.01 min
Lab File: BG041031.D
Acq: 3 Jun 2019 13:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.9	59.0	88.6
43	41.2	27.2	40.8





#3

Pvridine

Concen: 11.719 ng

RT: 3.93 min Scan# 143

Delta R.T. -0.01 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

Instrument :

BNA_G

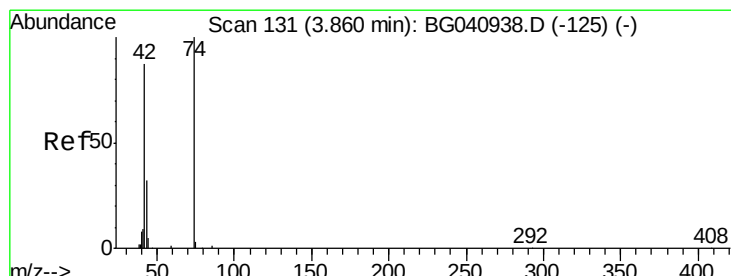
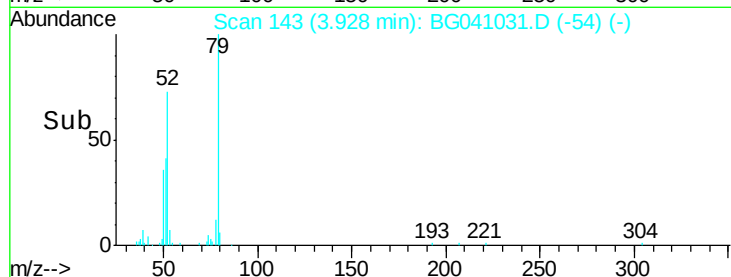
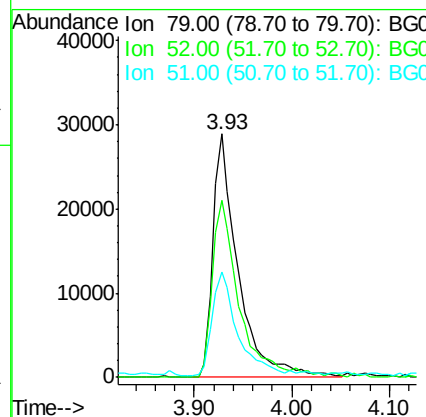
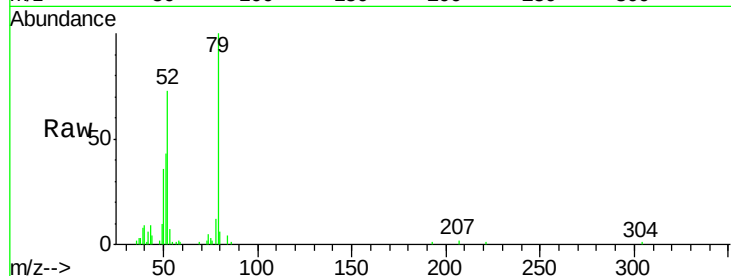
ClientSampleId :

FESB-23(3-3.5)MSD

Tot Ion:	79	Resp:	51670
Ion	Ratio	Lower	Upper
79	100		
52	72.8	64.8	97.2
51	43.1	35.3	52.9

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#4

n-Nitrosodimethylamine

Concen: 43.511 ng

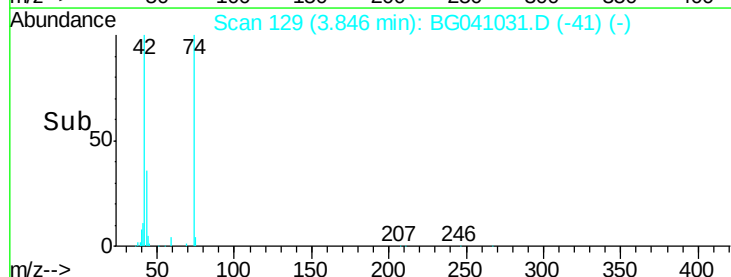
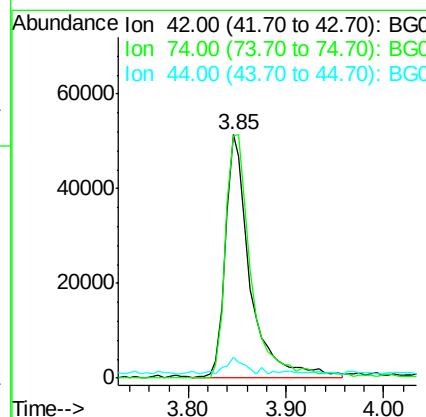
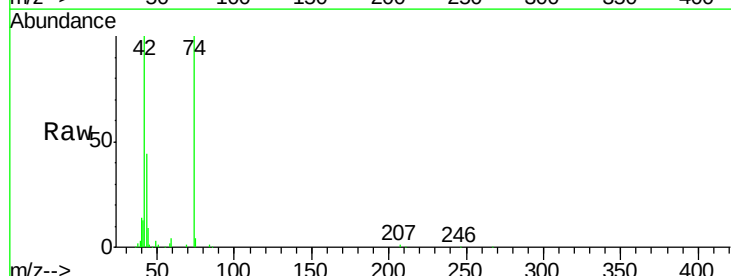
RT: 3.85 min Scan# 129

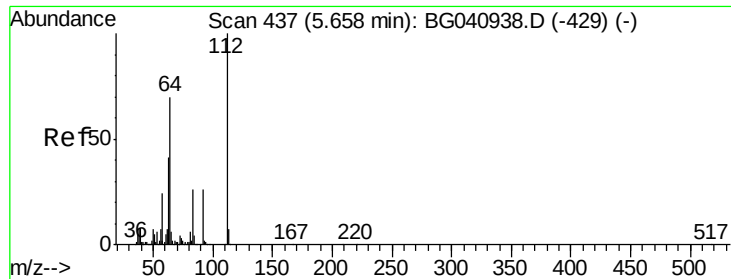
Delta R.T. -0.01 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

Tgt Ion:	42	Resp:	89040
Ion	Ratio	Lower	Upper
42	100		
74	99.8	91.8	137.6
44	8.7	6.0	9.0





#5

2-Fluorophenol

Concen: 144.174 ng

RT: 5.66 min Scan# 437

Delta R.T. -0.00 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

Instrument :

BNA_G

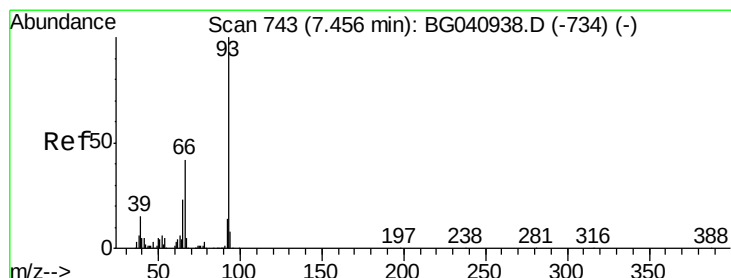
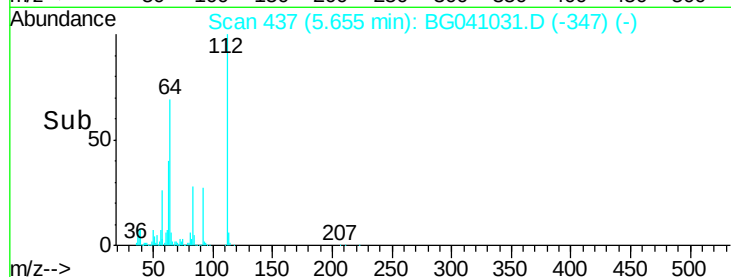
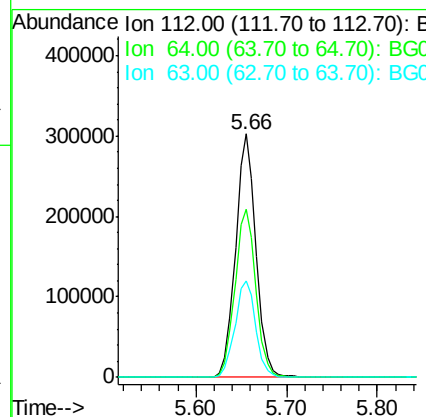
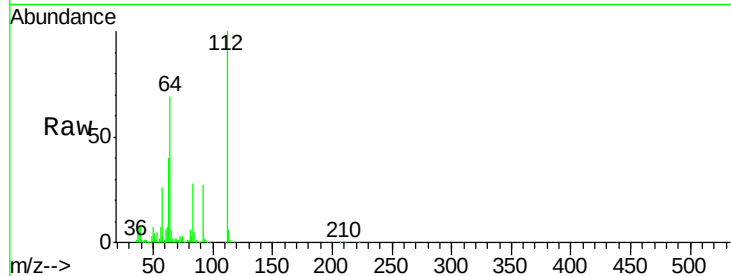
ClientSampleId :

FESB-23(3-3.5)MSD

Tot Ion:	112	Resp:	473439
Ion Ratio	Lower	Upper	
112	100		
64	68.9	56.2	84.2
63	39.8	32.8	49.2

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#6

Aniline

Concen: 12.565 ng

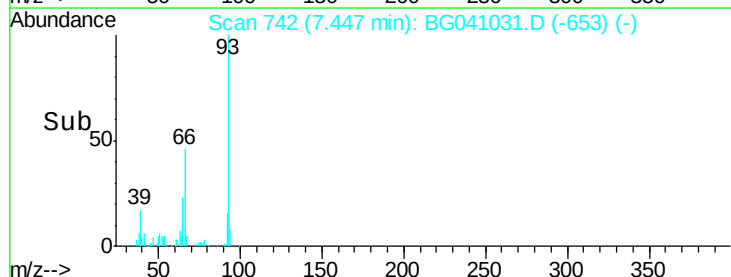
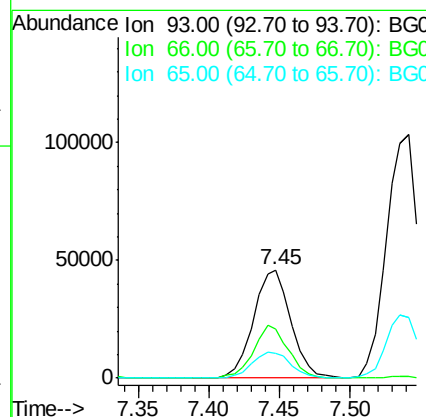
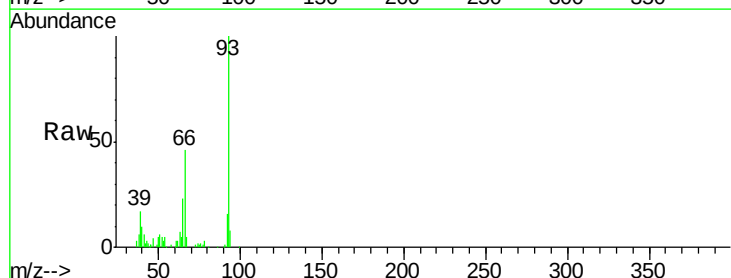
RT: 7.45 min Scan# 742

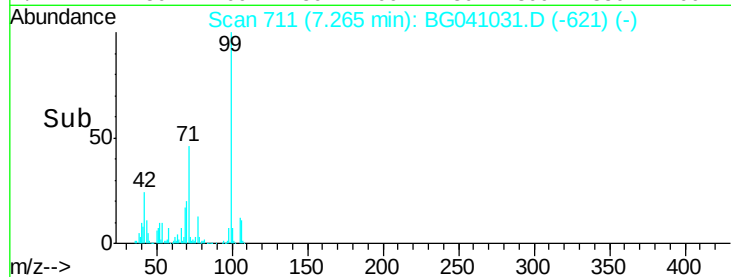
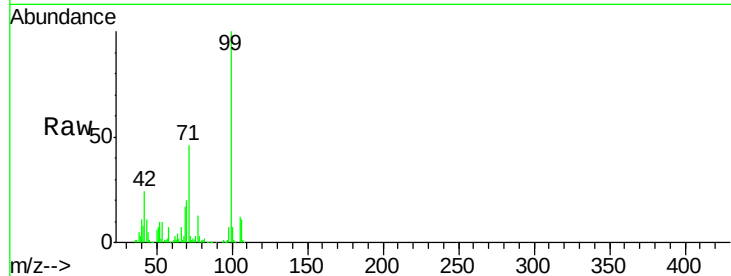
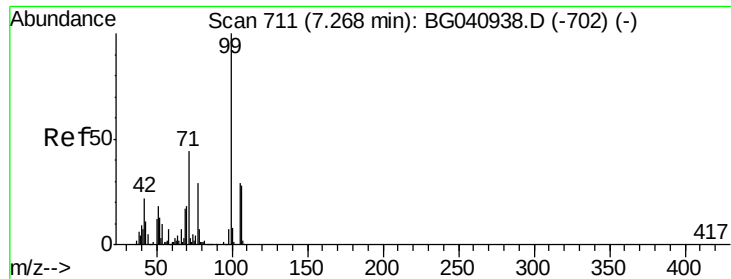
Delta R.T. -0.01 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

Tgt Ion:	93	Resp:	85056
Ion Ratio	Lower	Upper	
93	100		
66	45.6	33.8	50.8
65	22.9	18.3	27.5





#7

Phenol-d6

Concen: 135.693 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

Tot Ion:	99	Resp:	688169
Ion Ratio	Lower	Upper	
99	100		
42	23.7	17.9	26.9
71	45.7	35.4	53.0

Instrument :

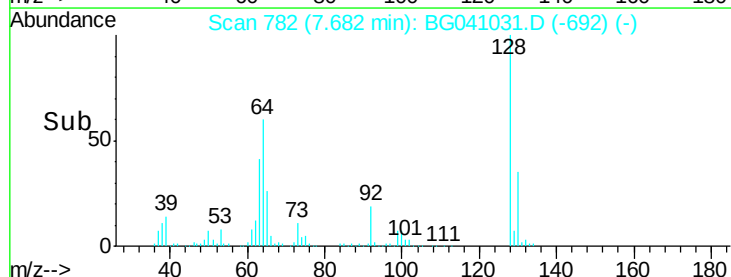
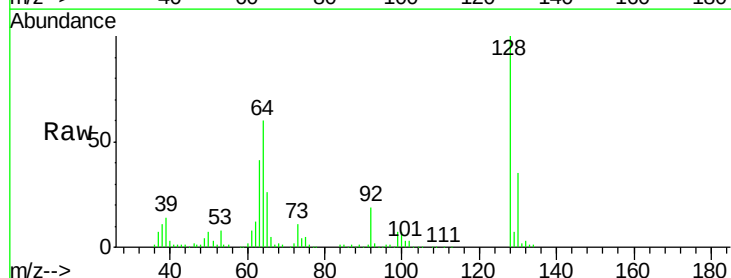
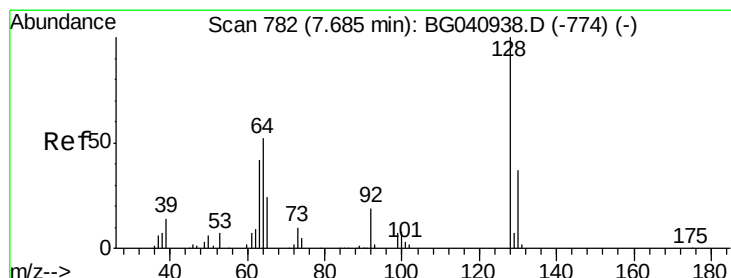
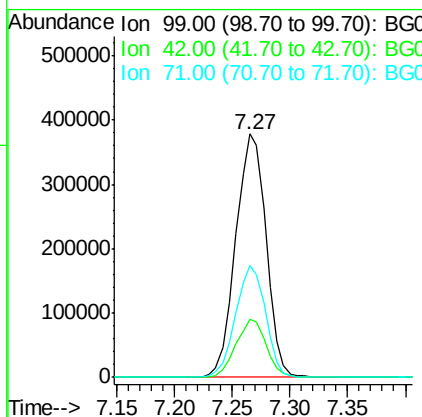
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ClientSampleId :

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#8

2-Chlorophenol

Concen: 44.664 ng

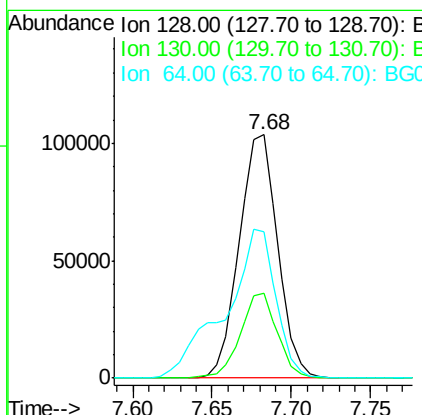
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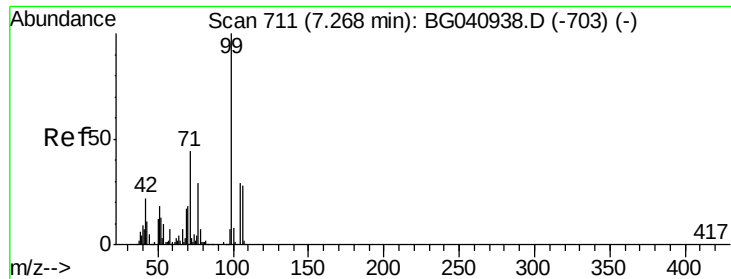
Delta R.T. -0.00 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

Tgt Ion:	128	Resp:	174855
Ion Ratio	Lower	Upper	
128	100		
130	34.7	16.6	56.6
64	59.9	37.8	77.8





#9

Benzaldehyde

Concen: 37.386 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

Instrument :

BNA_G

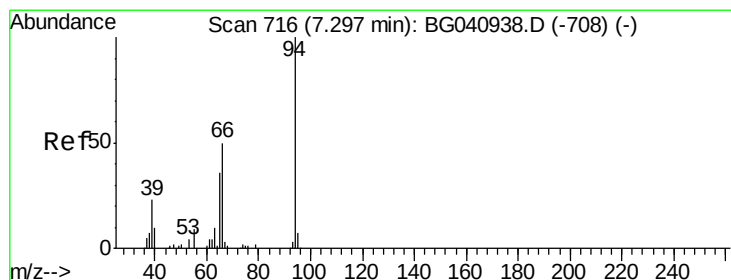
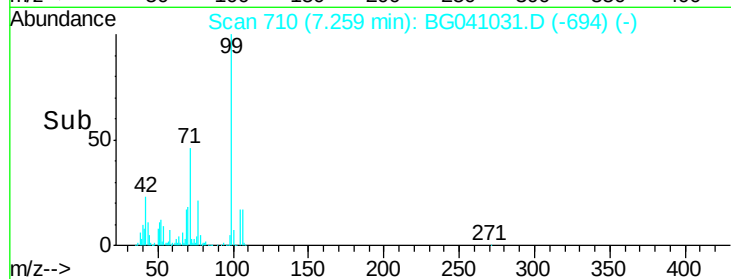
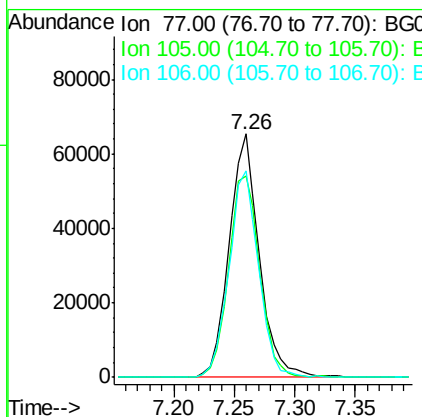
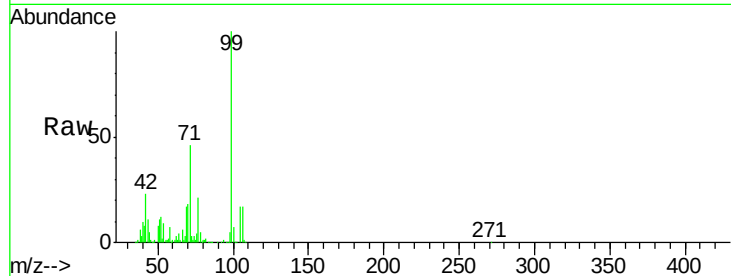
ClientSampleId :

FESB-23(3-3.5)MSD

Tot Ion:	77	Resp:	113104
Ion Ratio	Lower	Upper	
77	100		
105	82.6	78.9	118.9
106	84.7	76.7	116.7

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#10

Phenol

Concen: 45.768 ng

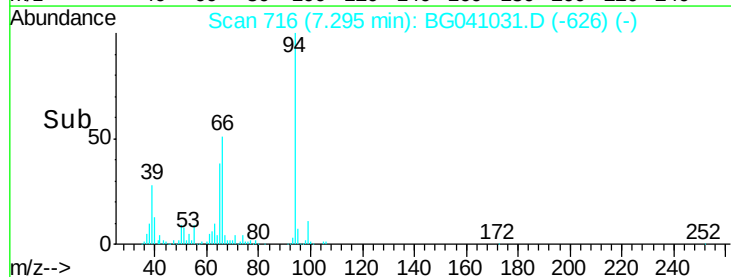
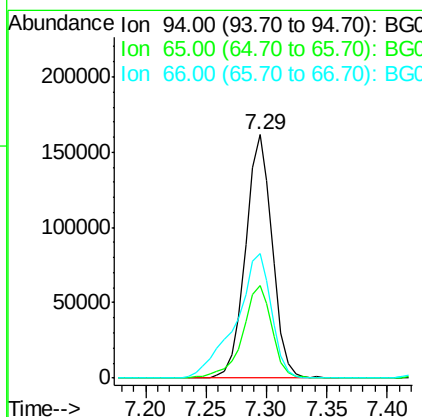
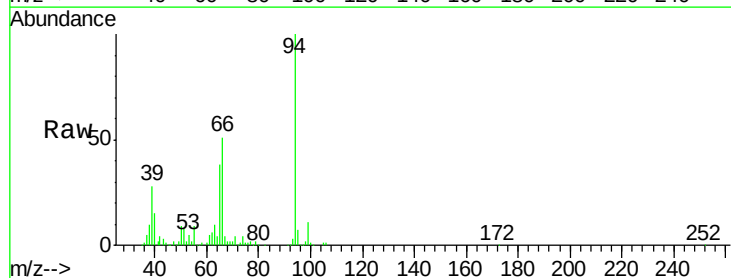
RT: 7.29 min Scan# 716

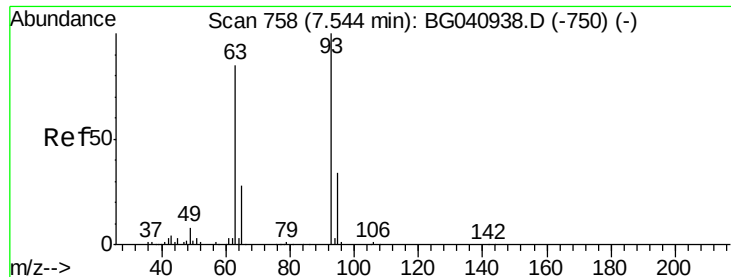
Delta R.T. -0.00 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

Tgt Ion:	94	Resp:	248873
Ion Ratio	Lower	Upper	
94	100		
65	38.0	17.0	57.0
66	51.0	32.4	72.4





#11

bis(2-Chloroethyl)ether

Concen: 42.630 ng

RT: 7.54 min Scan# 758

Delta R.T. -0.00 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

Instrument :

BNA_G

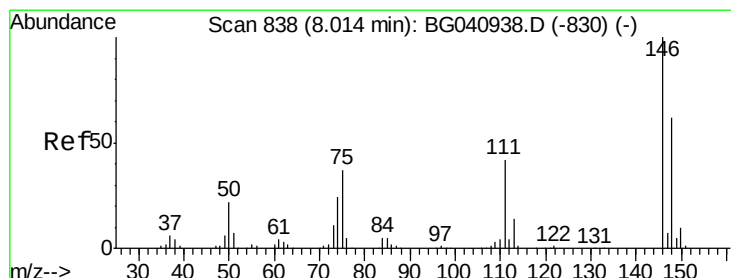
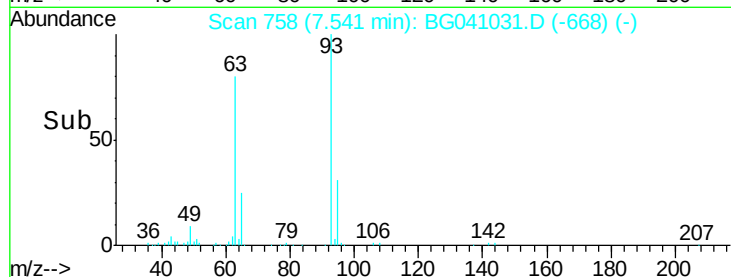
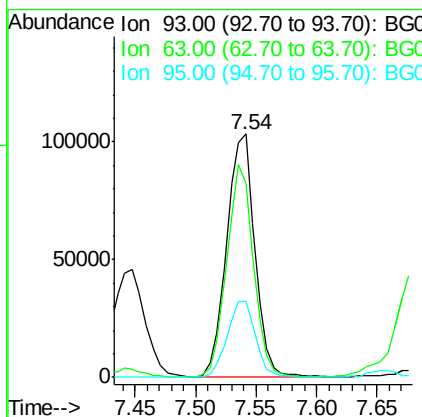
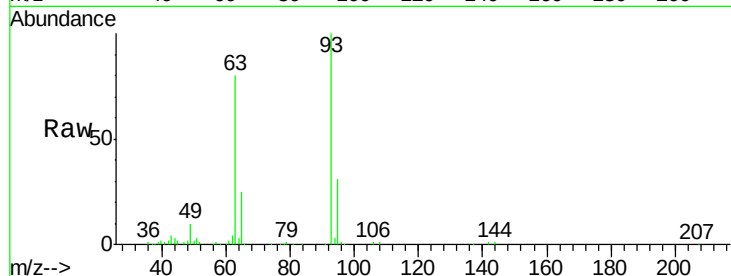
ClientSampleId :

FESB-23(3-3.5)MSD

Tot Ion:	93	Resp:	168165
Ion	Ratio	Lower	Upper
93	100		
63	79.5	64.5	104.5
95	30.9	13.3	53.3

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 40.322 ng

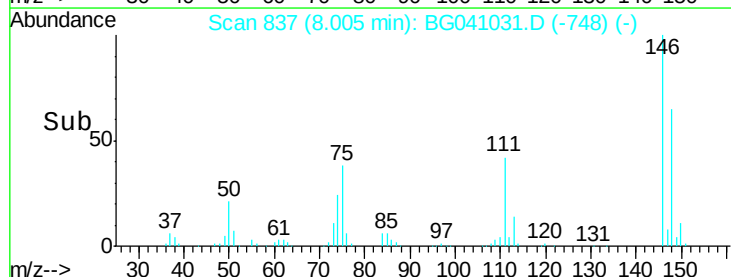
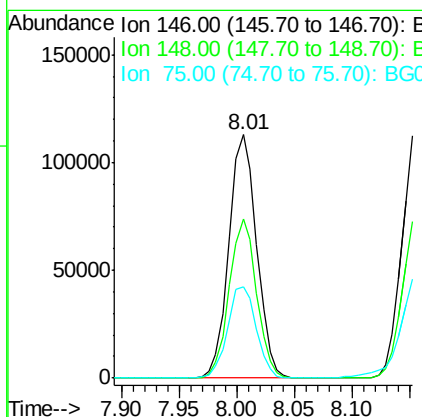
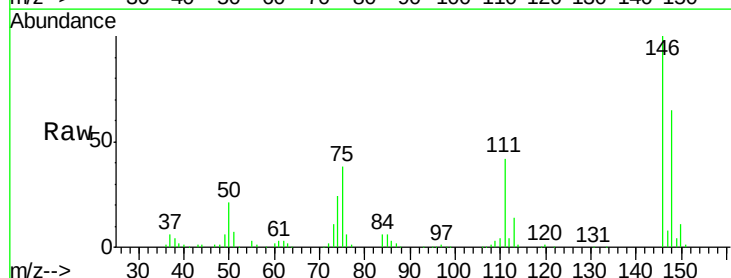
RT: 8.01 min Scan# 837

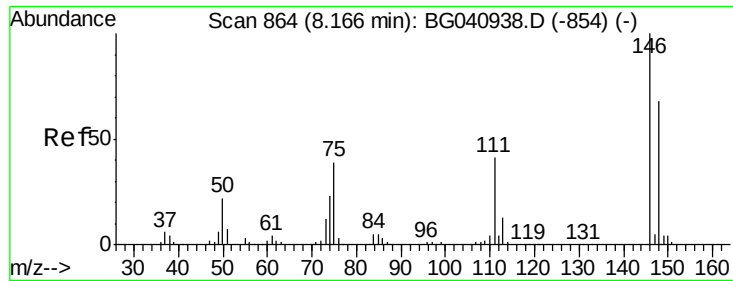
Delta R.T. -0.01 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

Tgt Ion:	146	Resp:	188537
Ion	Ratio	Lower	Upper
146	100		
148	65.4	49.2	73.8
75	37.6	29.4	44.0





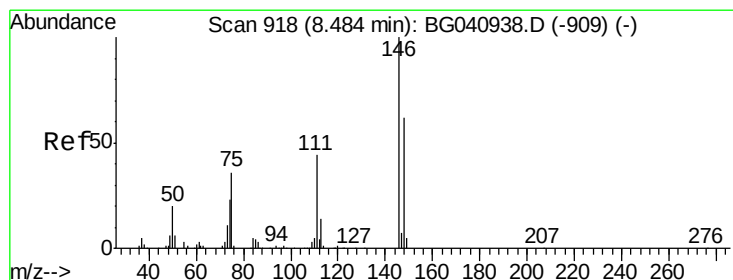
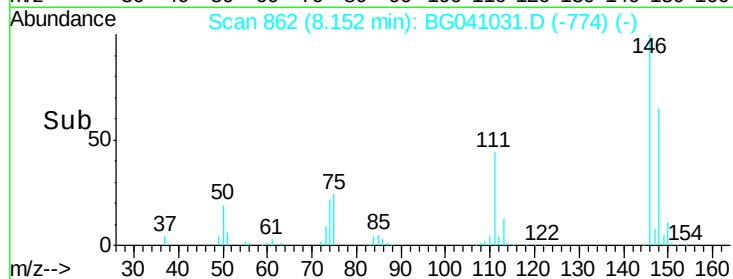
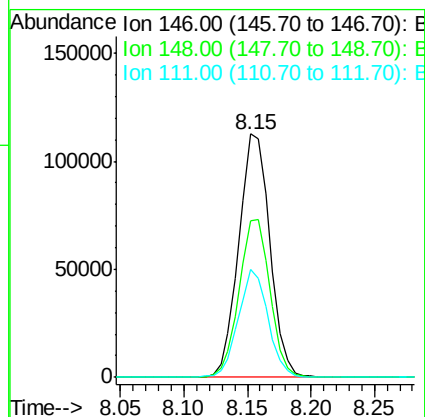
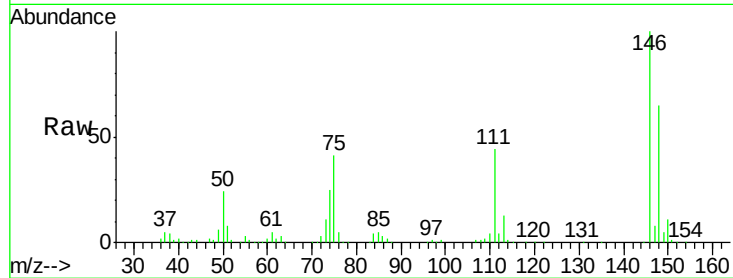
#13
 1,4-Dichlorobenzene
 Concen: 40.645 ng
 RT: 8.15 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: BG041031.D
 Acq: 3 Jun 2019 13:05

Instrument :
 BNA_G
 ClientSampleId :
 FESB-23(3-3.5)MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	54.2	81.4
111	44.4	32.9	49.3

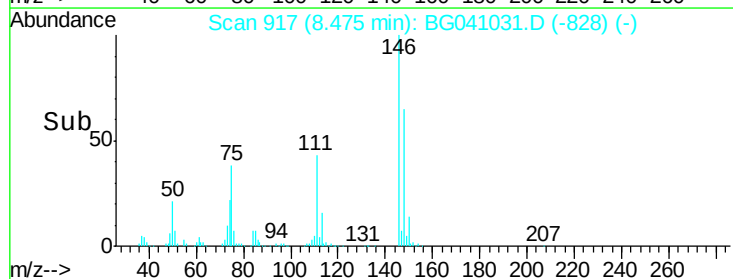
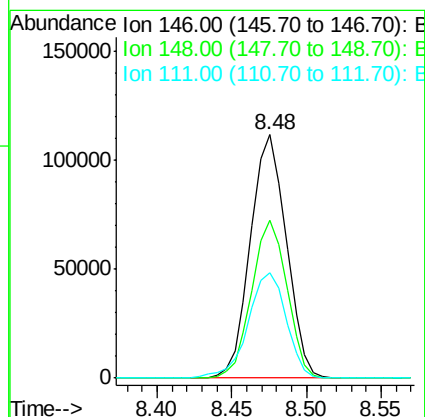
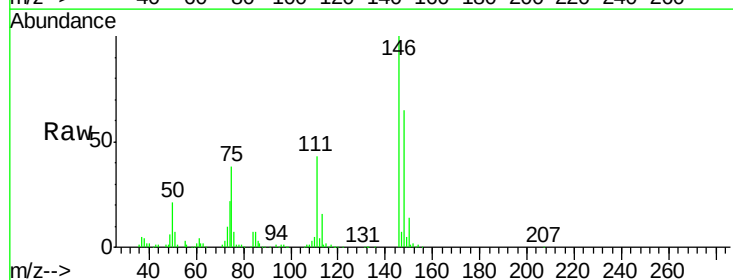
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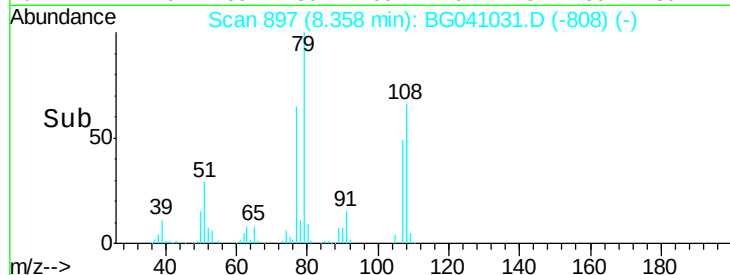
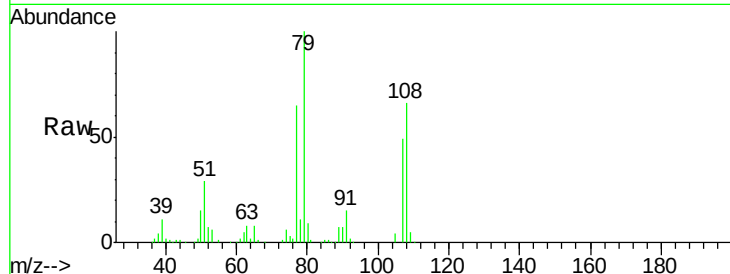
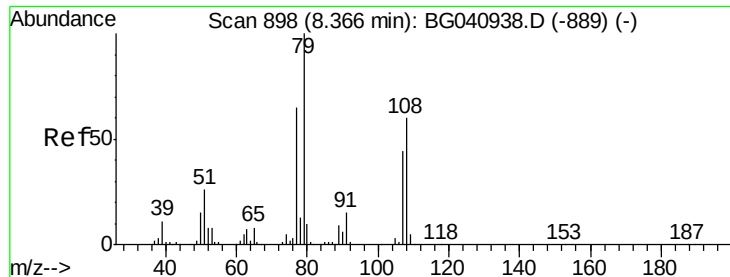
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#14
 1,2-Dichlorobenzene
 Concen: 40.538 ng
 RT: 8.48 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: BG041031.D
 Acq: 3 Jun 2019 13:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	49.8	74.6
111	43.4	35.0	52.4





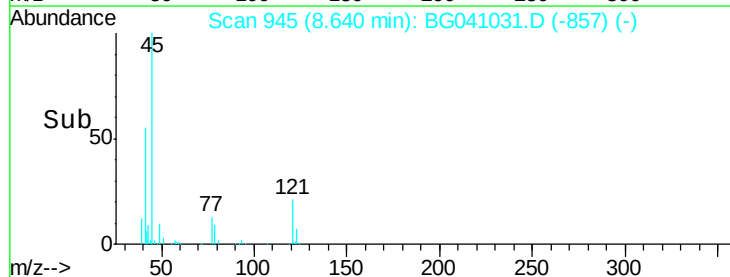
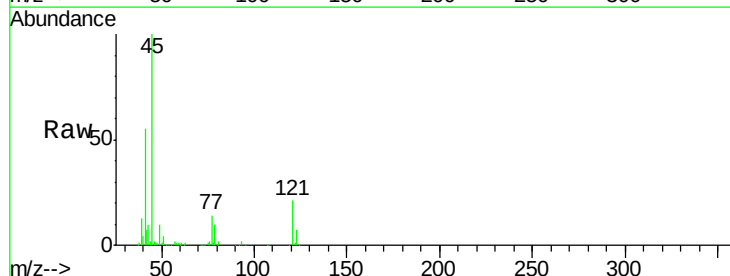
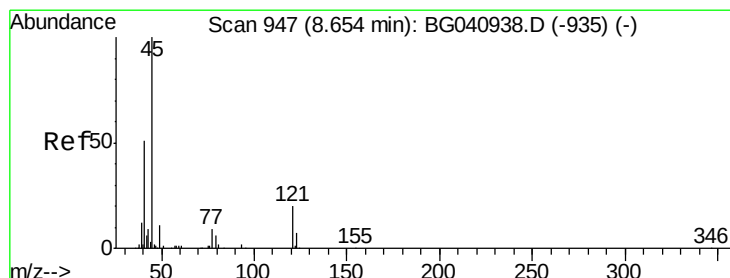
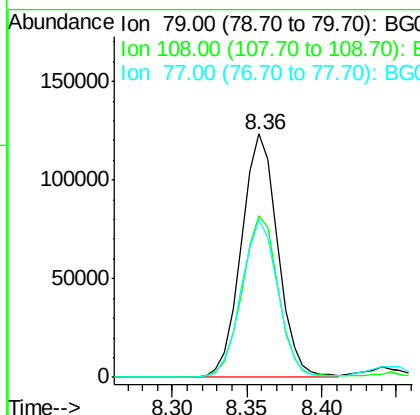
#15
Benzyl Alcohol
Concen: 44.298 ng
RT: 8.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BG041031.D
Acq: 3 Jun 2019 13:05

Tot Ion	Ratio	Lower	Upper
79	100		
108	66.3	48.3	72.5
77	65.1	52.3	78.5

Instrument :
BNA_G
ClientSampleId :
FESB-23(3-3.5)MSD

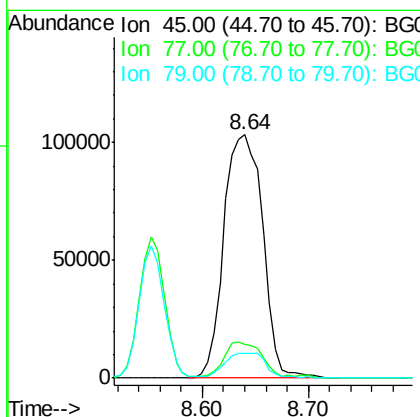
Manual Integrations
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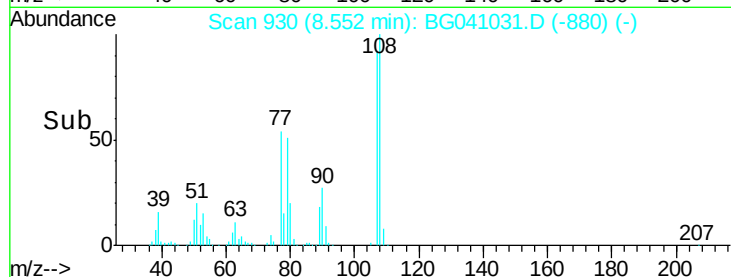
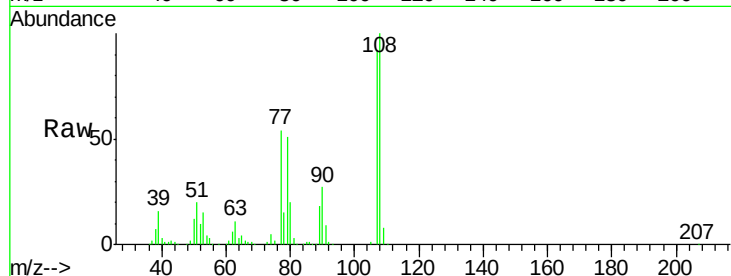
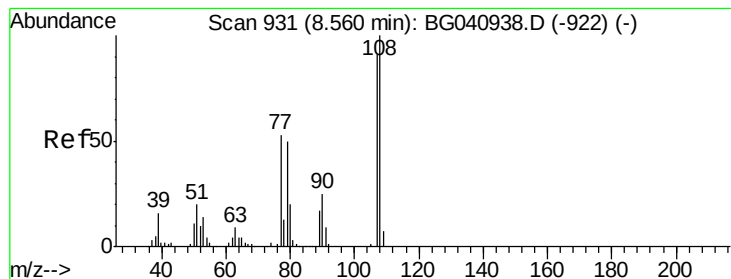
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#16
2,2'-oxybis(1-chloropropane)
Concen: 40.764 ng
RT: 8.64 min Scan# 945
Delta R.T. -0.01 min
Lab File: BG041031.D
Acq: 3 Jun 2019 13:05

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.9	0.0	33.7
79	10.2	0.0	30.2





#17

2-Methylphenol

Concen: 42.928 ng

RT: 8.55 min Scan# 930

Delta R.T. -0.01 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

Tot Ion	107	Resp	169013
Ion Ratio	Lower	Upper	
107	100		
108	108.3	87.7	131.5
77	58.3	46.6	70.0
79	54.7	44.6	66.8

Instrument :

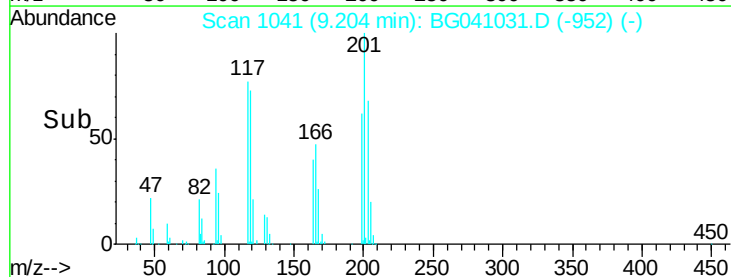
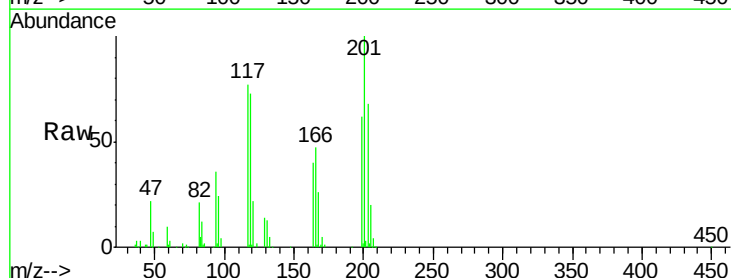
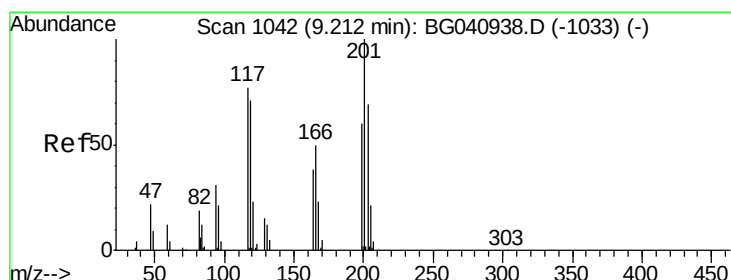
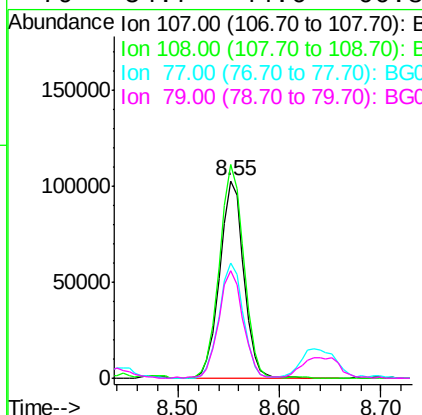
BNA_G

ClientSampleId :

FESB-23(3-3.5)MSD

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#18

Hexachloroethane

Concen: 41.201 ng

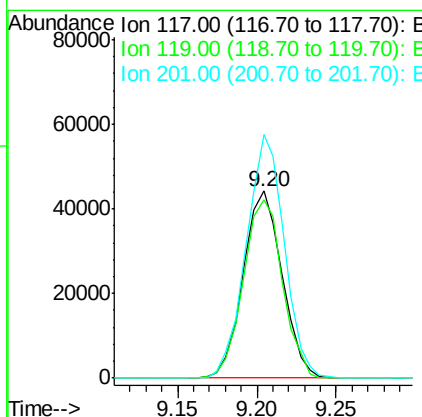
RT: 9.20 min Scan# 1041

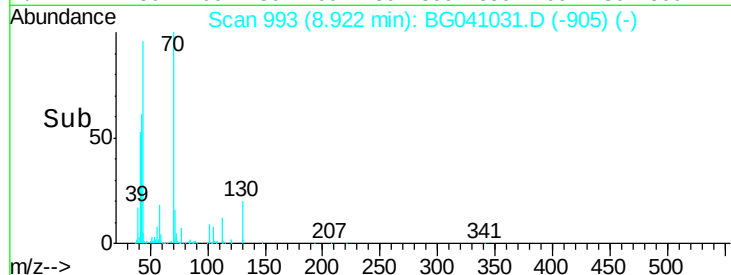
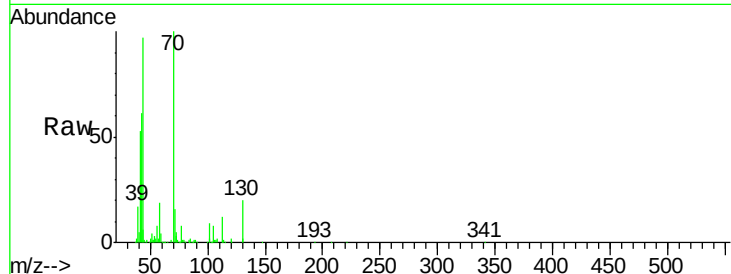
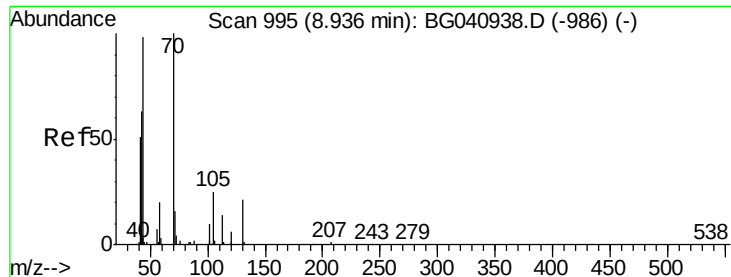
Delta R.T. -0.01 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

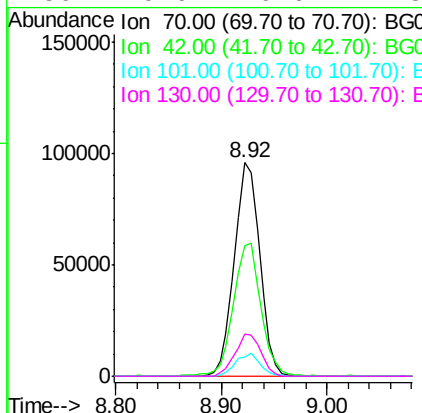
Tgt Ion	117	Resp	75158
Ion Ratio	Lower	Upper	
117	100		
119	95.2	75.0	112.6
201	130.2	103.5	155.3





#19
n-Nitroso-di-n-propylamine
Concen: 40.968 ng
RT: 8.92 min Scan# 993
Delta R.T. -0.01 min
Lab File: BG041031.D
Acq: 3 Jun 2019 13:05

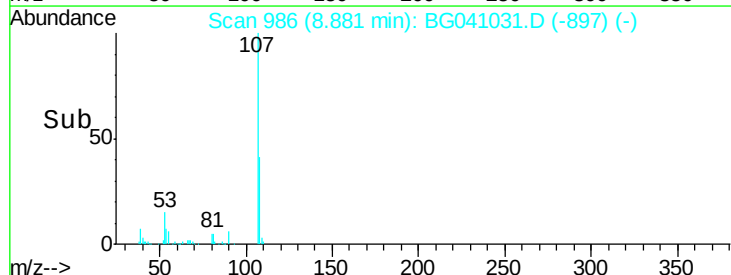
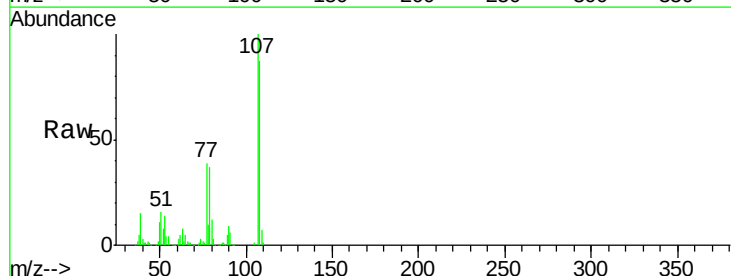
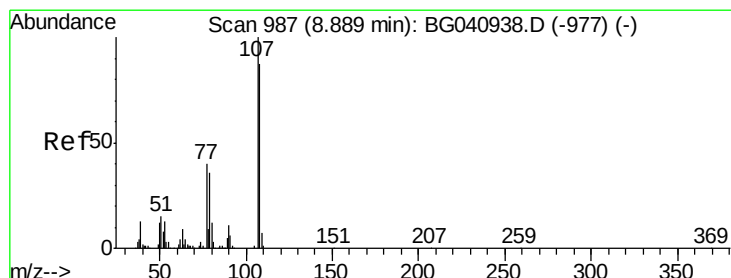
Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		159890		
42	61.2	51.5	77.3		
101	8.8	8.1	12.1		
130	19.9	16.6	24.8		



Instrument :
BNA_G
ClientSampleId :
FESB-23(3-3.5)MSD

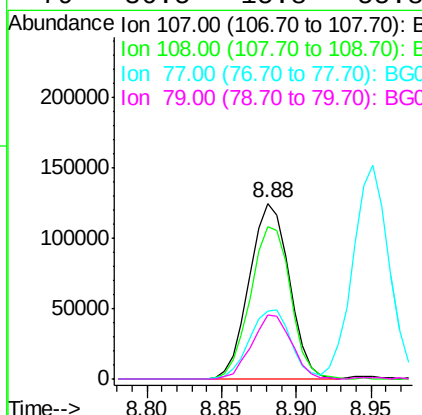
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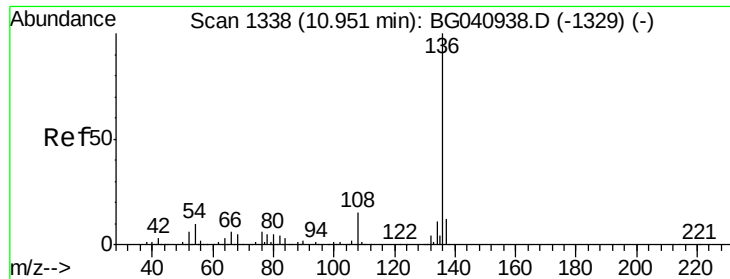
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#20
3+4-Methylphenols
Concen: 42.292 ng
RT: 8.88 min Scan# 986
Delta R.T. -0.01 min
Lab File: BG041031.D
Acq: 3 Jun 2019 13:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		230649		
108	86.6	66.8	106.8		
77	38.8	20.5	60.5		
79	36.5	15.8	55.8		





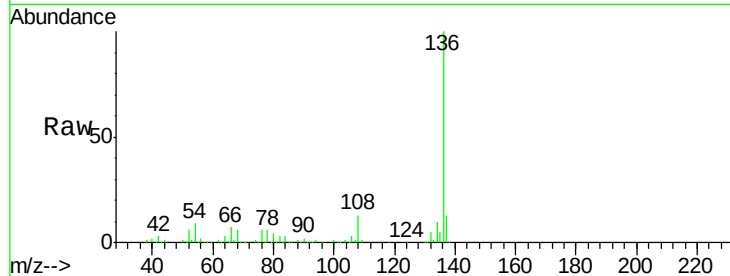
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BG041031.D
Acq: 3 Jun 2019 13:05

Instrument :
BNA_G
ClientSampleId :
FESB-23(3-3.5)MSD

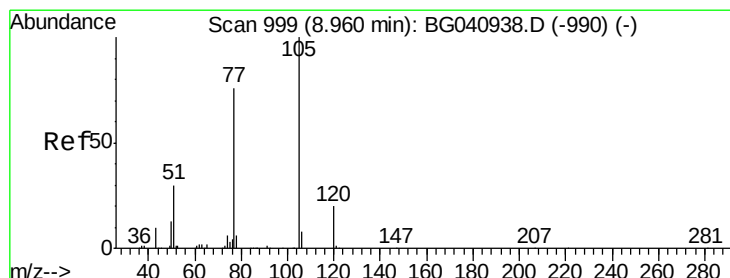
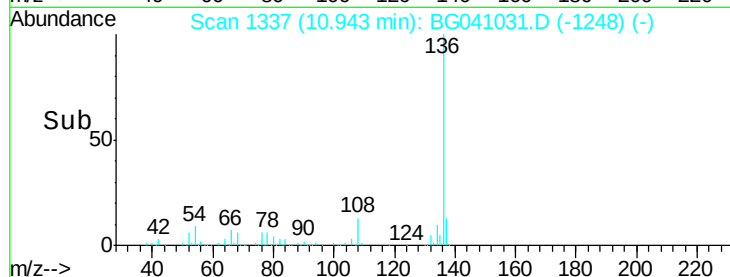
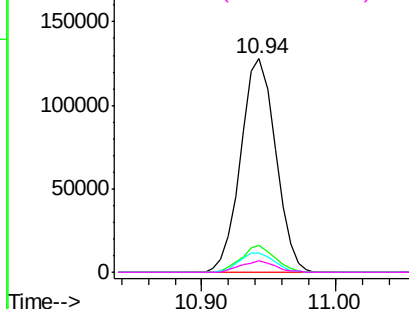
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		231820		
137	12.8		9.5	14.3	
54	8.8		7.6	11.4	
68	5.6		3.9	5.9	

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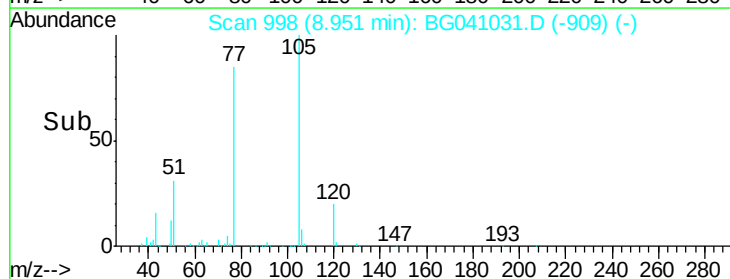
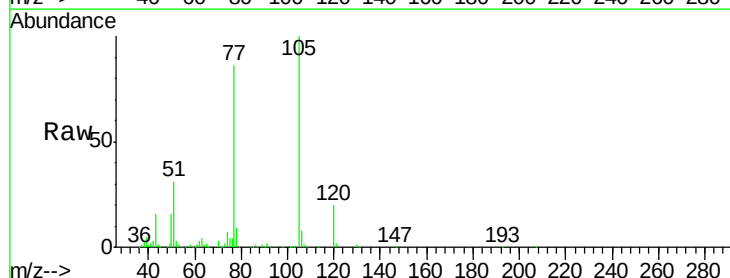
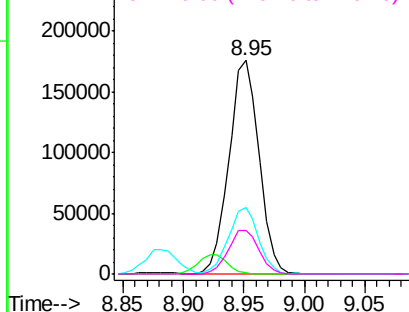
Abundance Ion 136.00 (135.70 to 136.70): E
200000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

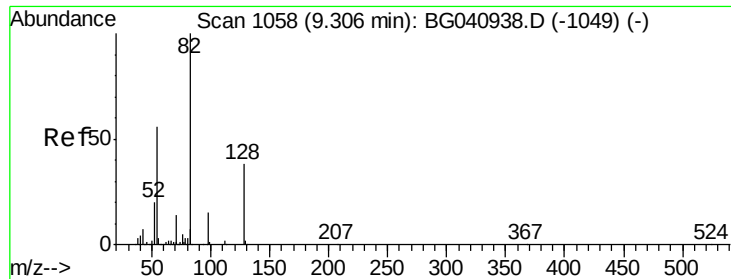


#22
Acetophenone
Concen: 46.863 ng
RT: 8.95 min Scan# 998
Delta R.T. -0.01 min
Lab File: BG041031.D
Acq: 3 Jun 2019 13:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		304745		
71	0.5		0.4	0.6	
51	31.3		27.0	40.6	
120	20.3		16.2	24.4	

Abundance Ion 105.00 (104.70 to 105.70): E
250000
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E





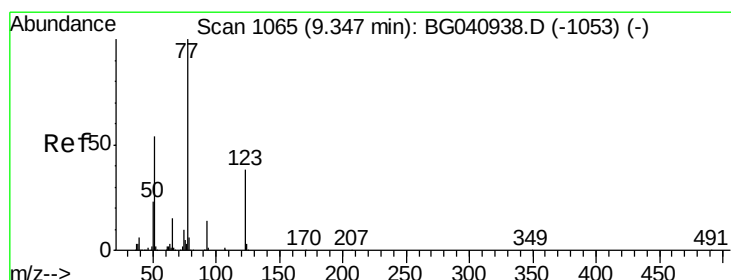
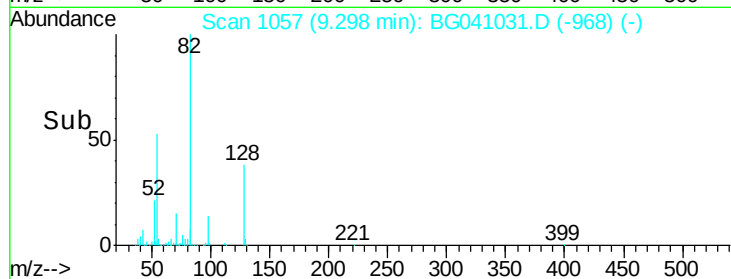
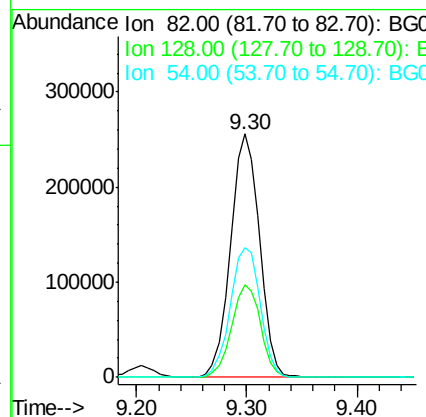
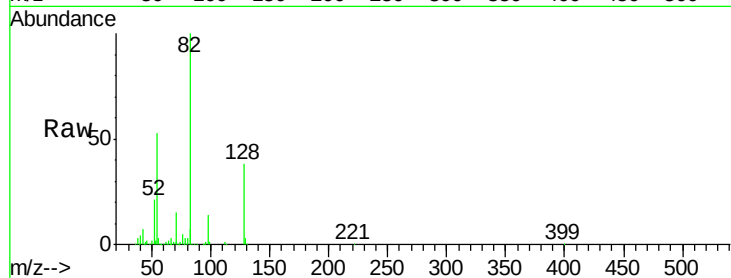
#23
 Nitrobenzene-d5
 Concen: 90.017 ng
 RT: 9.30 min Scan# 1057
 Delta R.T. -0.01 min
 Lab File: BG041031.D
 Acq: 3 Jun 2019 13:05

Instrument :
 BNA_G
 ClientSampleId :
 FESB-23(3-3.5)MSD

Tot Ion	82	Resp	470061
Ion Ratio	100	Lower	Upper
82	100		
128	38.2	30.5	45.7
54	53.4	44.6	66.8

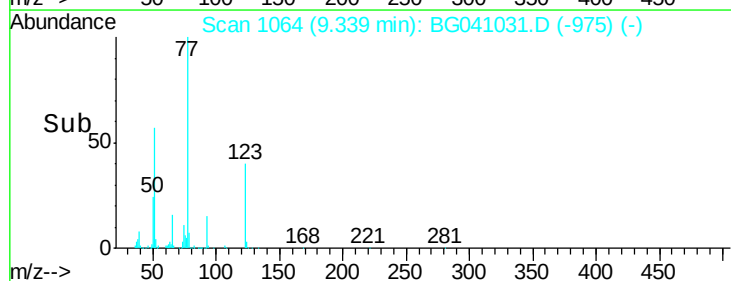
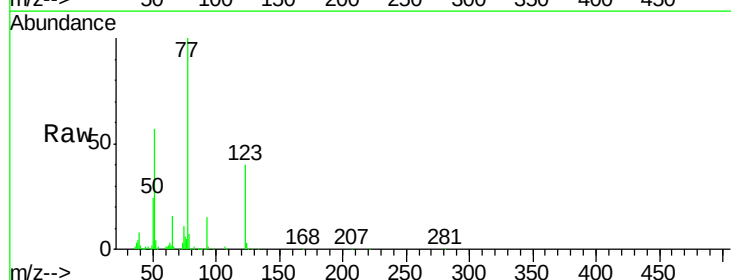
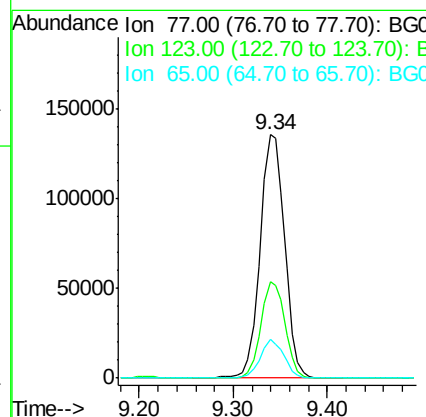
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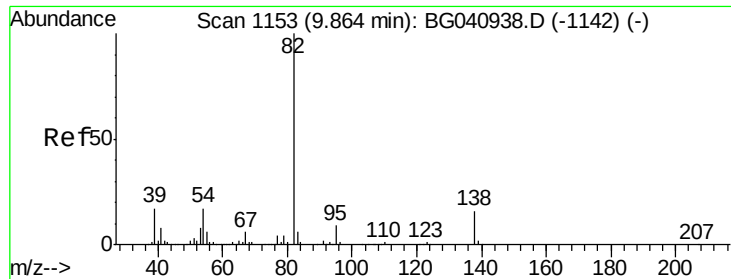
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#24
 Nitrobenzene
 Concen: 45.830 ng
 RT: 9.34 min Scan# 1064
 Delta R.T. -0.01 min
 Lab File: BG041031.D
 Acq: 3 Jun 2019 13:05

Tgt Ion	77	Resp	243886
Ion Ratio	100	Lower	Upper
77	100		
123	39.6	30.6	46.0
65	15.9	12.3	18.5





#25

Isophorone

Concen: 45.350 ng

RT: 9.86 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

Instrument :

BNA_G

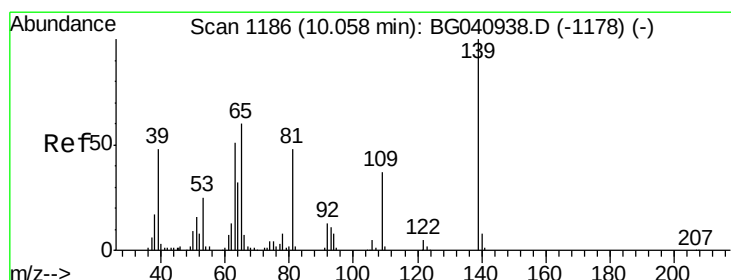
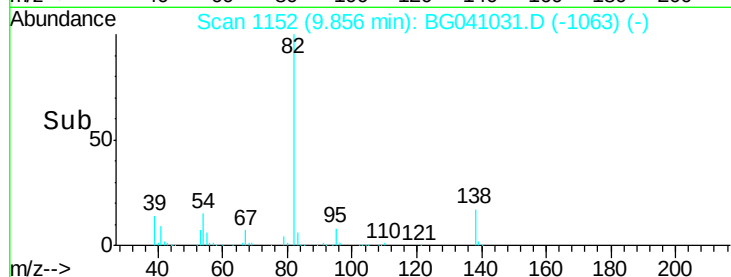
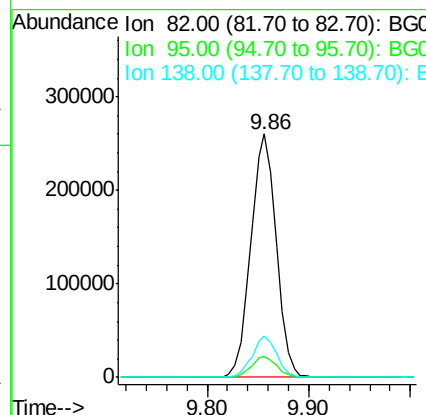
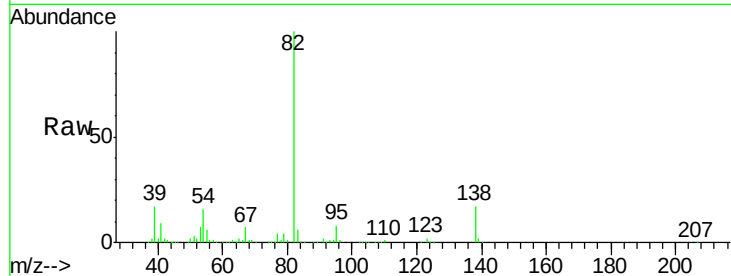
ClientSampleId :

FESB-23(3-3.5)MSD

Tot Ion:	82	Resp:	450672
Ion Ratio	Lower	Upper	
82	100		
95	8.4	7.0	10.4
138	17.1	12.6	19.0

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#26

2-Nitrophenol

Concen: 49.733 ng

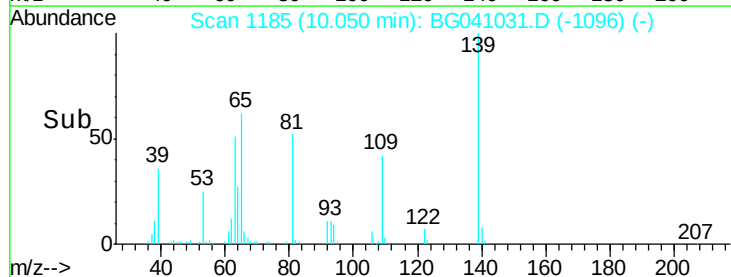
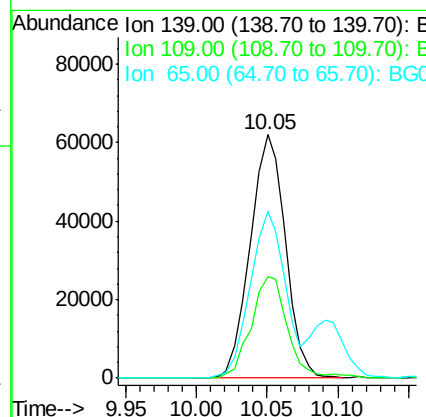
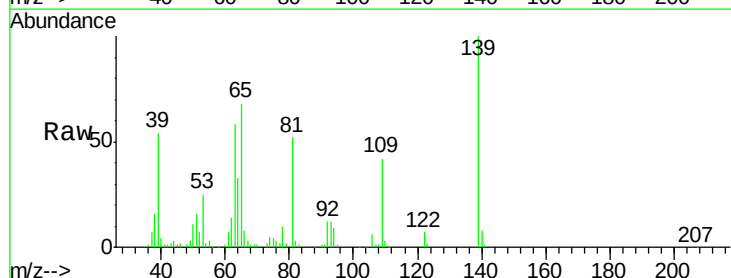
RT: 10.05 min Scan# 1185

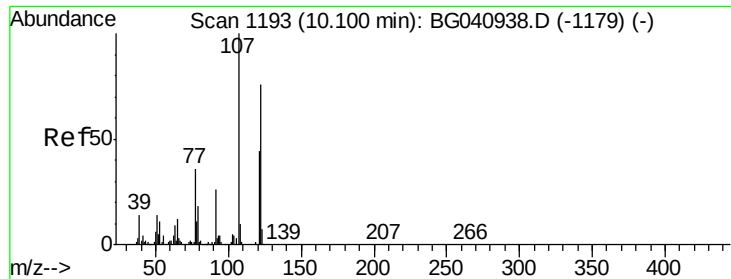
Delta R.T. -0.01 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

Tgt Ion:	139	Resp:	109105
Ion Ratio	Lower	Upper	
139	100		
109	41.9	29.8	44.6
65	68.5	47.8	71.6





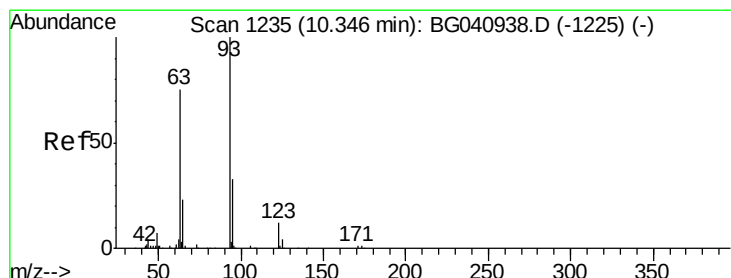
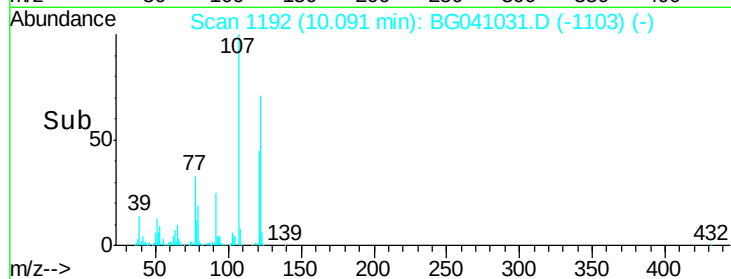
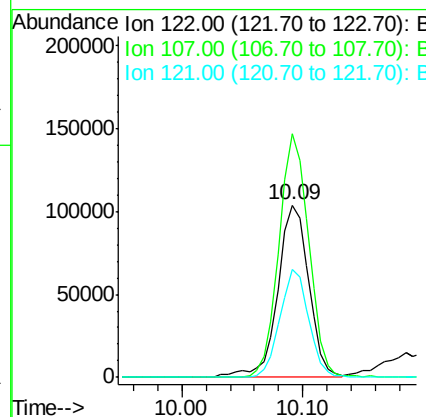
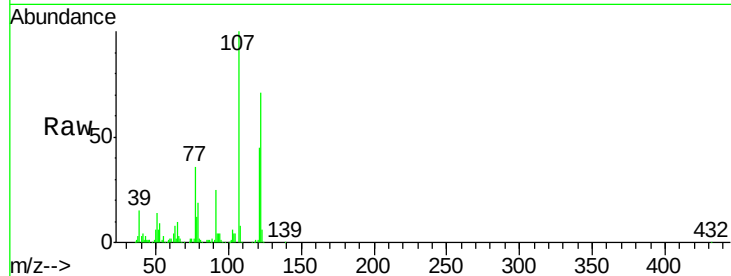
#27
2,4-Dimethylphenol
Concen: 50.795 ng
RT: 10.09 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BG041031.D
Acq: 3 Jun 2019 13:05

Instrument :
BNA_G
ClientSampleId :
FESB-23(3-3.5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	141.1	105.9	158.9	
121	62.9	46.2	69.4	

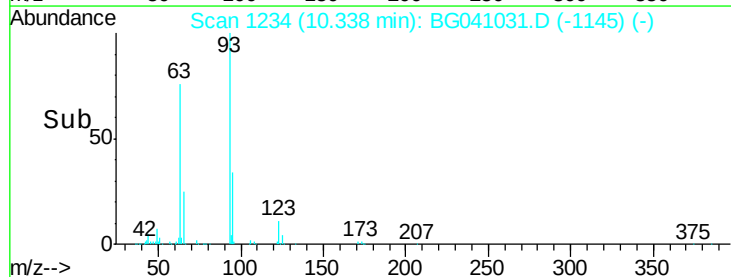
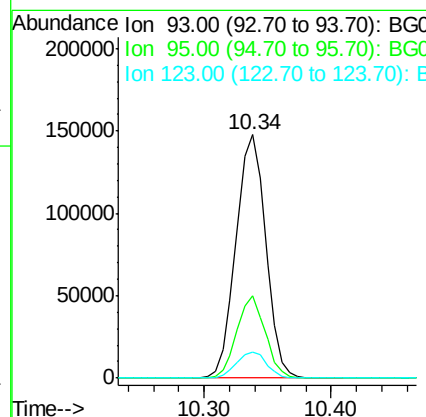
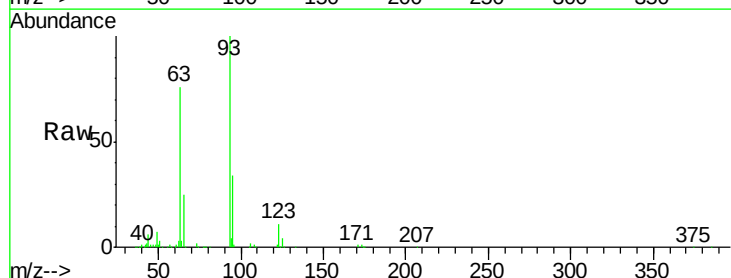
Manual Integrations
APPROVED

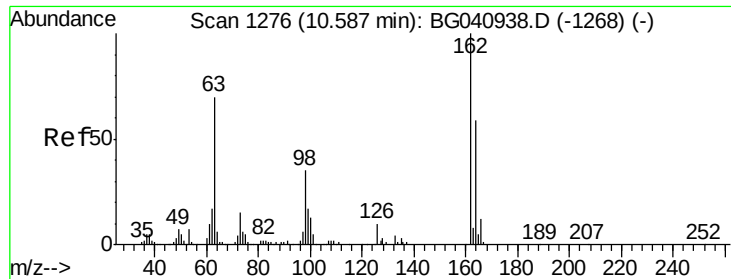
mohammad
6/5/2019 8:35:22 AM



#28
bis(2-Chloroethoxy)methane
Concen: 44.840 ng
RT: 10.34 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BG041031.D
Acq: 3 Jun 2019 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	33.6	26.2	39.2	
123	10.7	9.5	14.3	





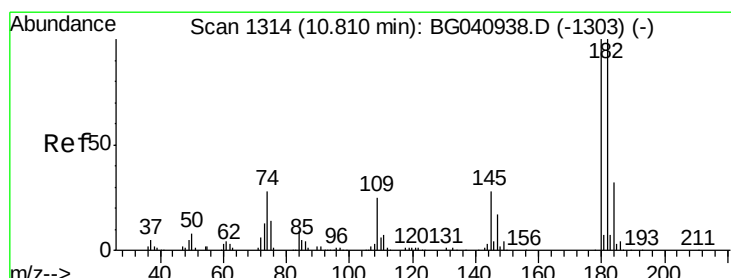
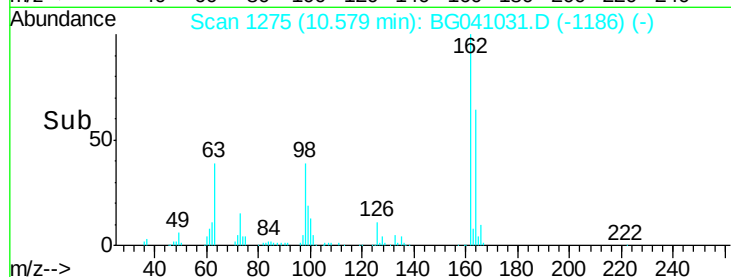
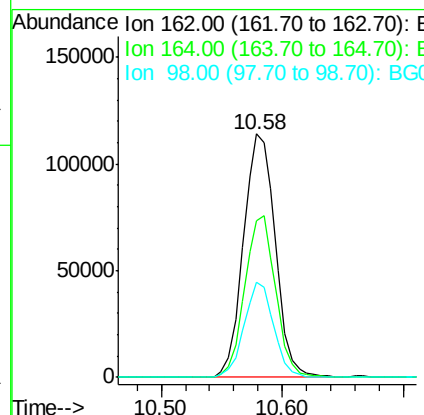
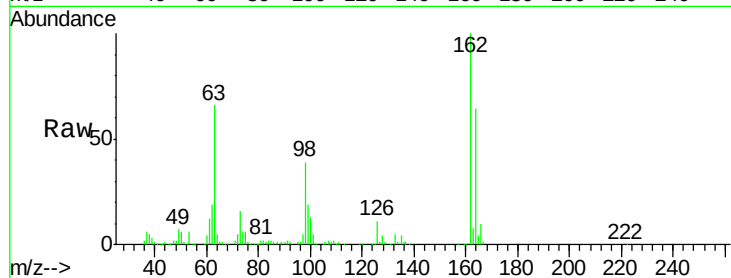
#29
2,4-Dichlorophenol
Concen: 45.531 ng
RT: 10.58 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BG041031.D
Acq: 3 Jun 2019 13:05

Instrument :
BNA_G
ClientSampleId :
FESB-23(3-3.5)MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	39.4	79.4
98	38.9	15.3	55.3

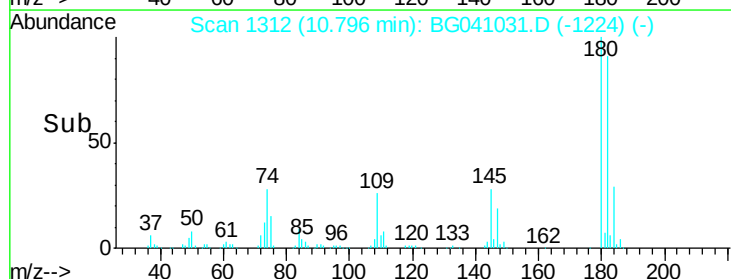
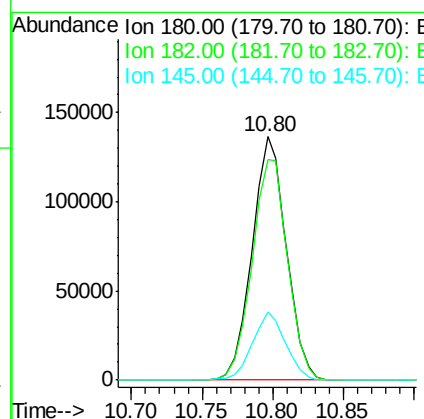
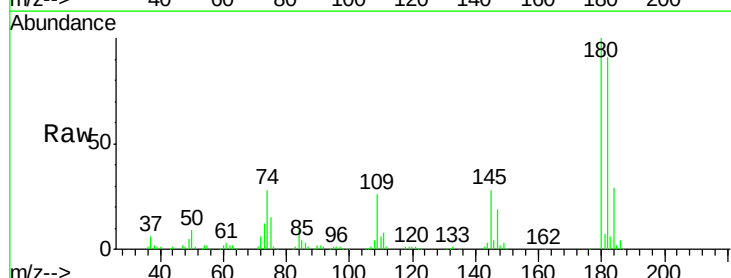
Manual Integrations
APPROVED

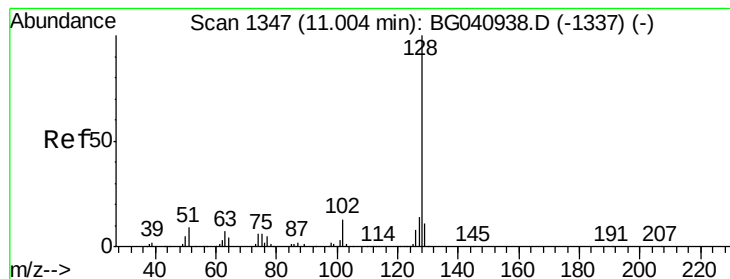
mohammad
6/5/2019 8:35:22 AM



#30
1,2,4-Trichlorobenzene
Concen: 44.140 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BG041031.D
Acq: 3 Jun 2019 13:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.7	79.7	119.5
145	28.2	22.6	34.0





#31

Naphthalene

Concen: 45.264 ng

RT: 10.99 min Scan# 1345

Delta R.T. -0.01 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

Instrument :

BNA_G

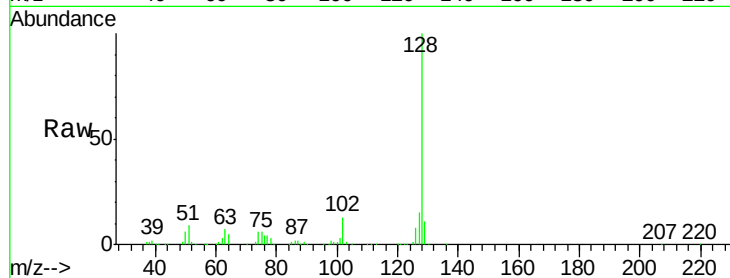
ClientSampleId :

FESB-23(3-3.5)MSD

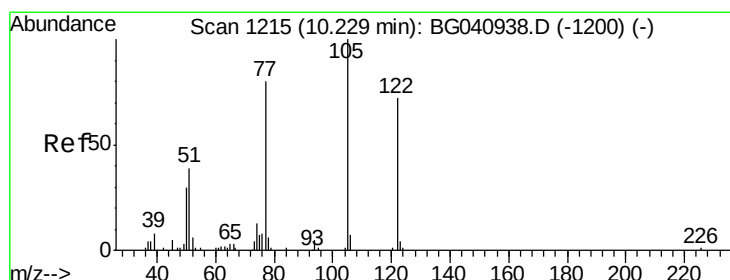
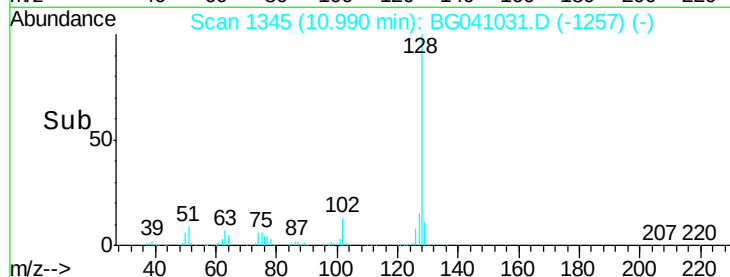
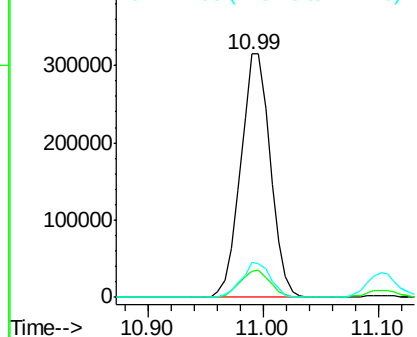
Tot Ion:	128	Resp:	563384
Ion Ratio	Lower	Upper	
128	100		
129	10.6	8.5	12.7
127	14.5	11.4	17.2

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



#32

Benzoic acid

Concen: 19.795 ng

RT: 10.19 min Scan# 1208

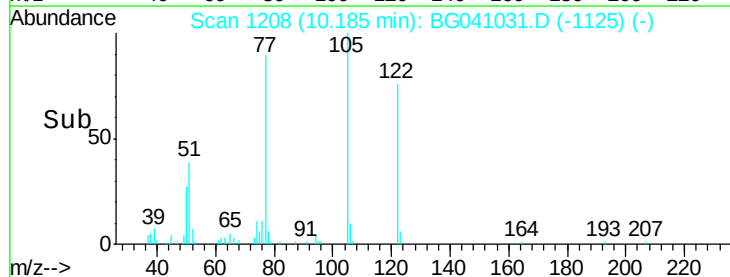
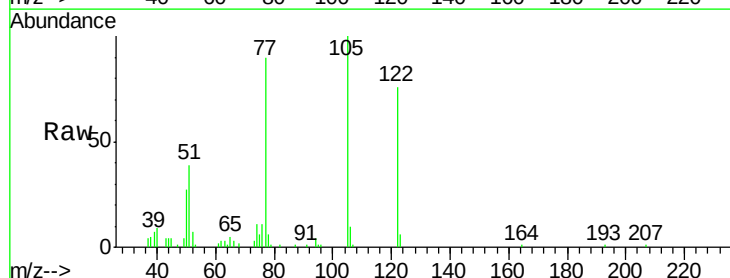
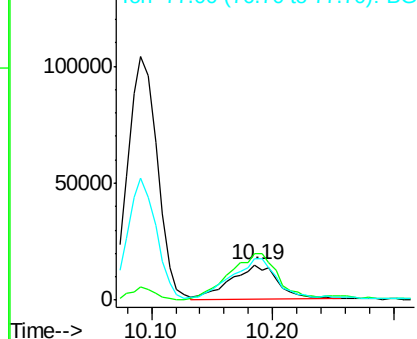
Delta R.T. -0.04 min

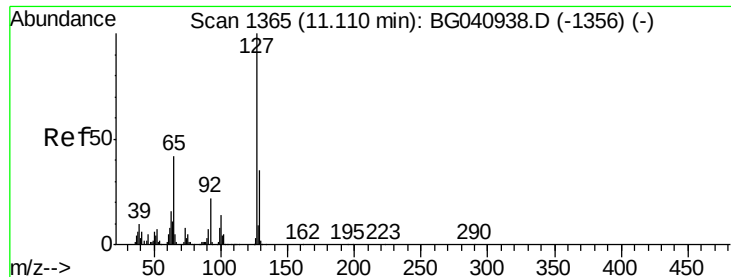
Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

Tgt Ion:	122	Resp:	39566
Ion Ratio	Lower	Upper	
122	100		
105	131.7	114.8	154.8
77	117.9	89.9	129.9

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): BG





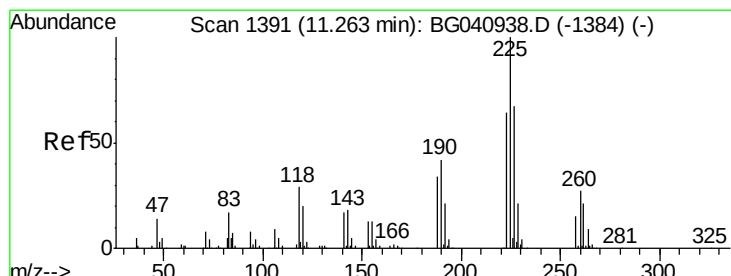
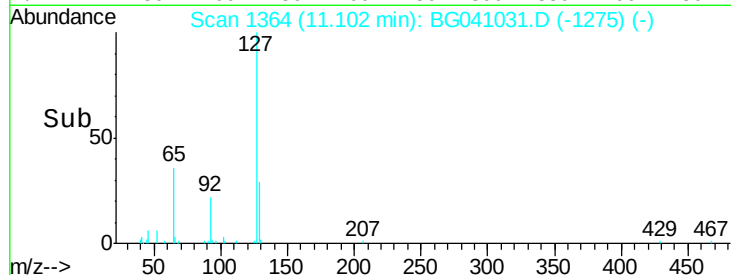
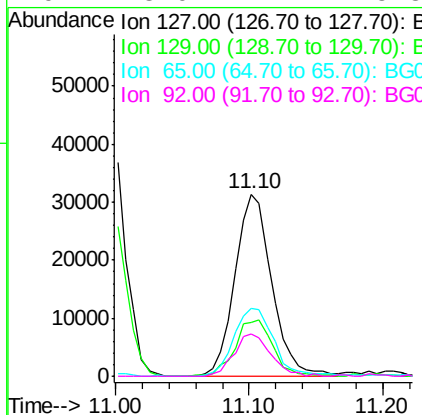
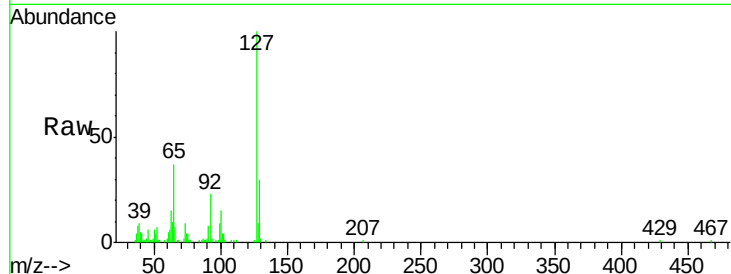
#33
4-Chloroaniline
Concen: 10.410 ng
RT: 11.10 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BG041031.D
Acq: 3 Jun 2019 13:05

Instrument :
BNA_G
ClientSampleId :
FESB-23(3-3.5)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		60116		
129	29.7	27.7	41.5		
65	37.1	33.2	49.8		
92	23.0	17.2	25.8		

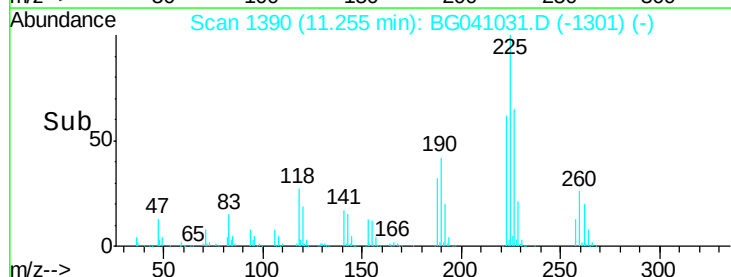
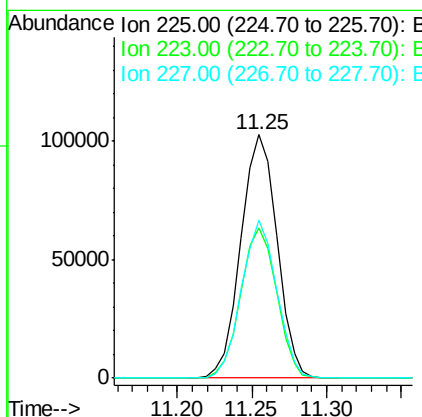
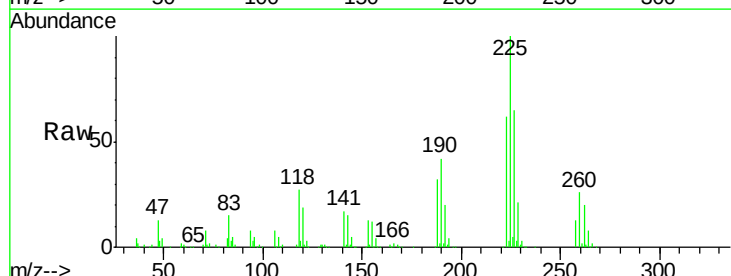
Manual Integrations
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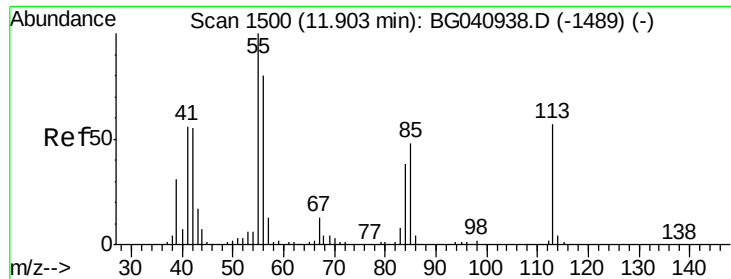
mohammad
6/5/2019 8:35:22 AM



#34
Hexachlorobutadiene
Concen: 43.096 ng
RT: 11.25 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BG041031.D
Acq: 3 Jun 2019 13:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		172595		
223	61.8	48.8	73.2		
227	64.8	51.4	77.0		





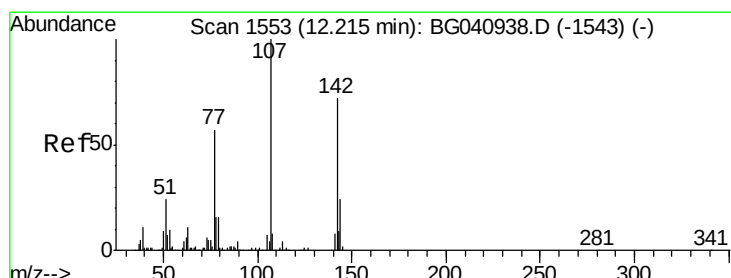
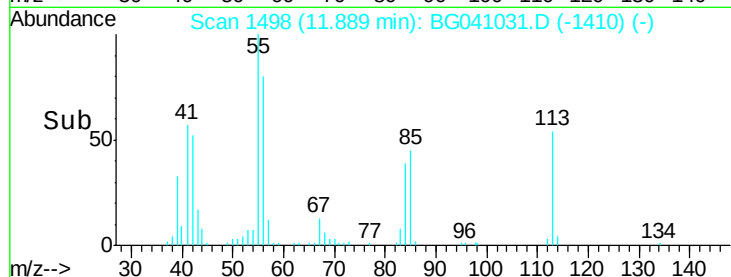
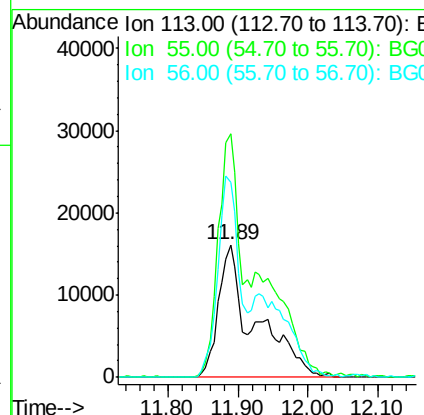
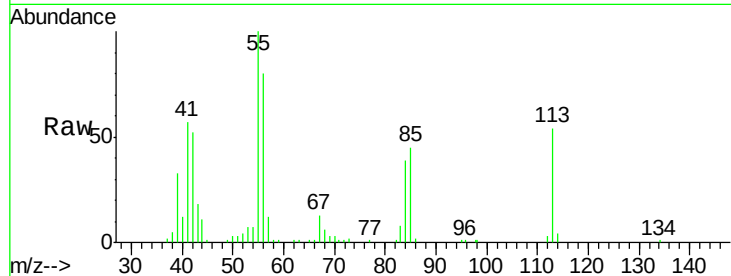
#35
 Caprolactam
 Concen: 37.856 ng/ml
 RT: 11.89 min Scan# 1498
 Delta R.T. -0.01 min
 Lab File: BG041031.D
 Acq: 3 Jun 2019 13:05

Instrument :
 BNA_G
 ClientSampleId :
 FESB-23(3-3.5)MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	183.5	155.9	195.9
56	146.9	119.9	159.9

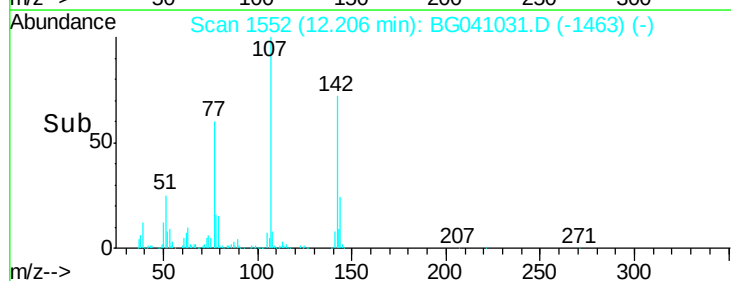
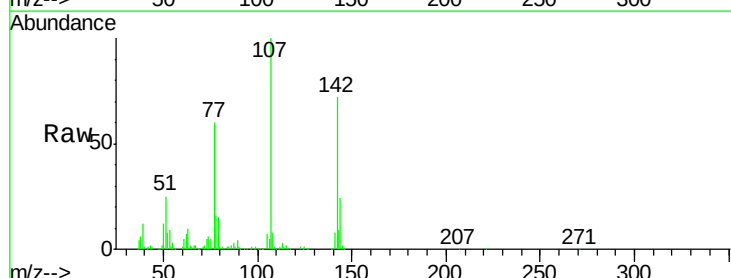
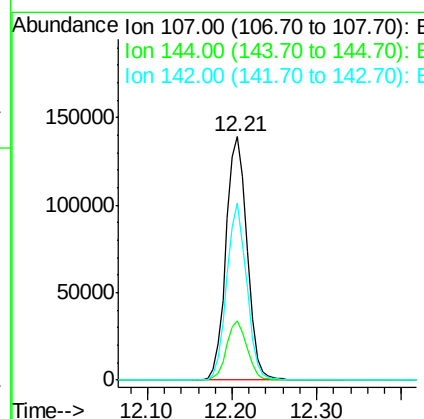
Manual Integrations
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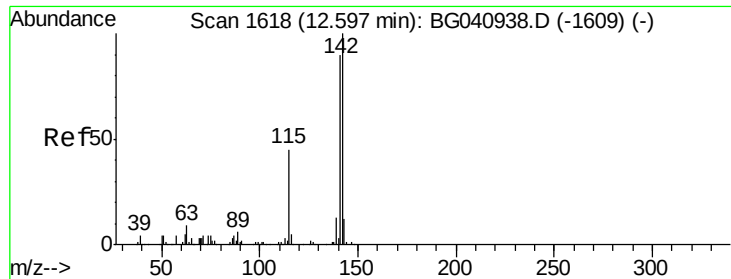
mohammad
 6/5/2019 8:35:22 AM



#36
 4-Chloro-3-methylphenol
 Concen: 45.924 ng/ml
 RT: 12.21 min Scan# 1552
 Delta R.T. -0.01 min
 Lab File: BG041031.D
 Acq: 3 Jun 2019 13:05

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.5	19.4	29.0
142	72.5	57.3	85.9





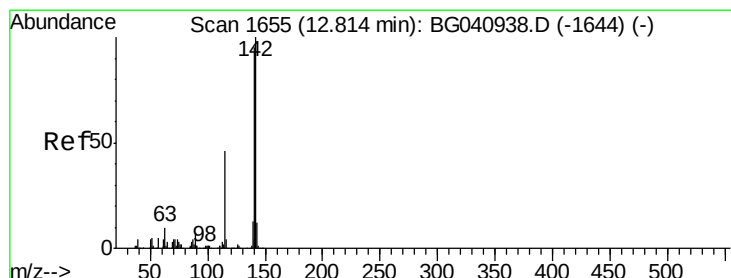
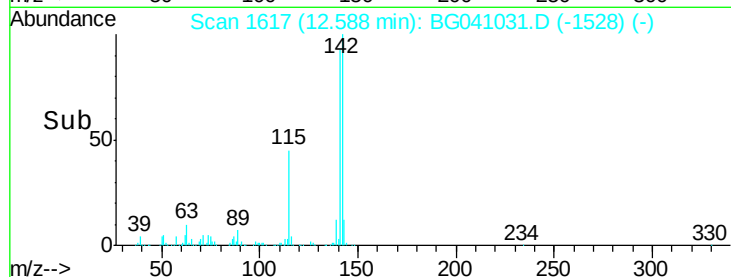
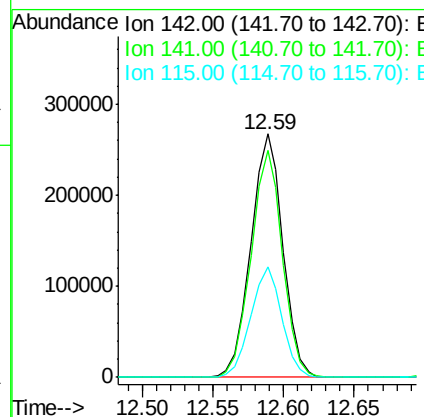
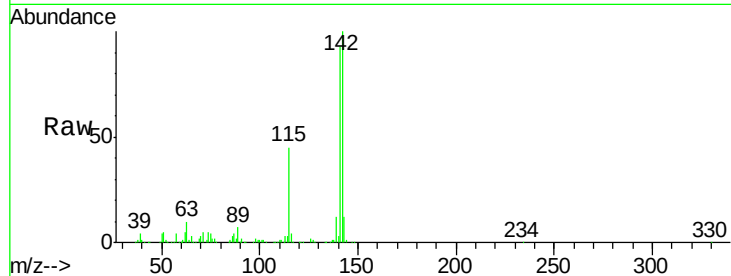
#37
2-Methylnaphthalene
Concen: 44.247 ng
RT: 12.59 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BG041031.D
Acq: 3 Jun 2019 13:05

Instrument :
BNA_G
ClientSampleId :
FESB-23(3-3.5)MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.3	72.2	108.4
115	45.5	36.2	54.4

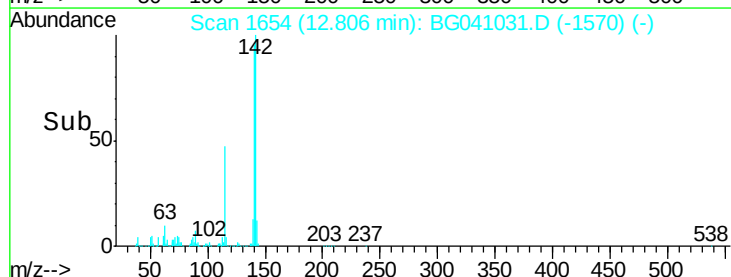
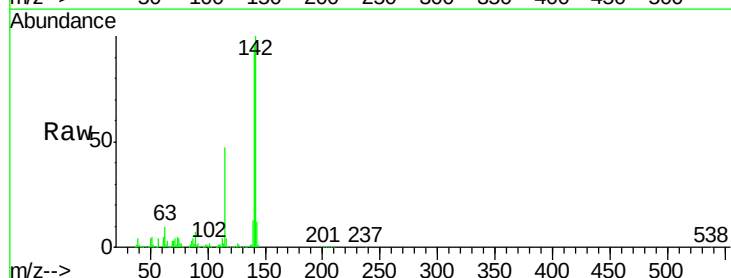
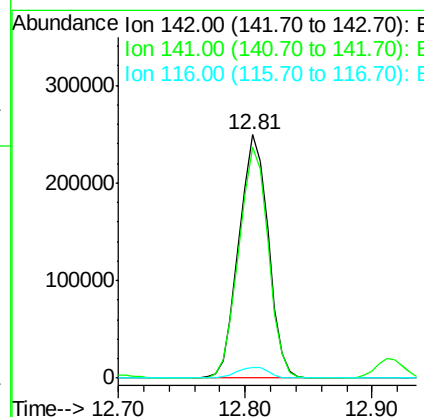
Manual Integrations
APPROVED

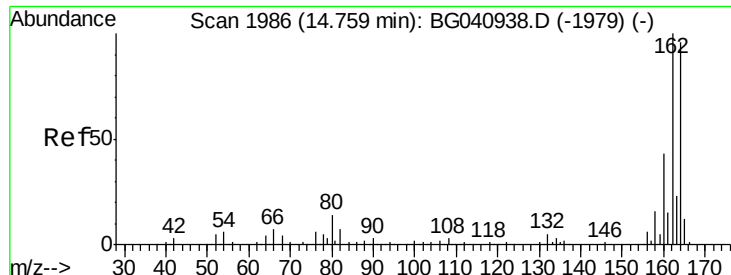
mohammad
6/5/2019 8:35:22 AM



#38
1-Methylnaphthalene
Concen: 44.379 ng
RT: 12.81 min Scan# 1654
Delta R.T. -0.01 min
Lab File: BG041031.D
Acq: 3 Jun 2019 13:05

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.0	75.7	113.5
116	4.4	3.4	5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BG041031.D

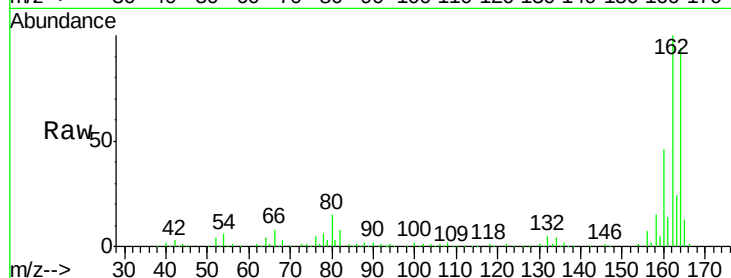
Acq: 3 Jun 2019 13:05

Instrument :

BNA_G

ClientSampleId :

FESB-23(3-3.5)MSD



Tot Ion:164 Resp: 168110

Ion Ratio Lower Upper

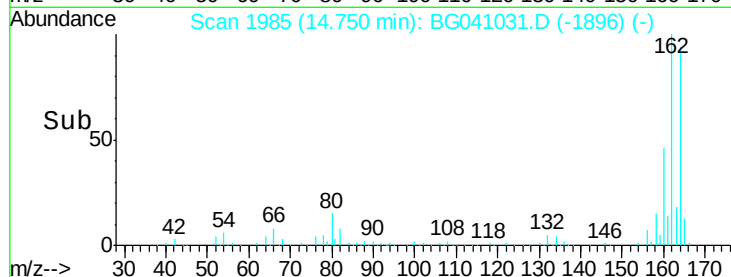
164 100

162 106.0 83.0 124.4

160 48.9 35.6 53.4

Manual Integrations
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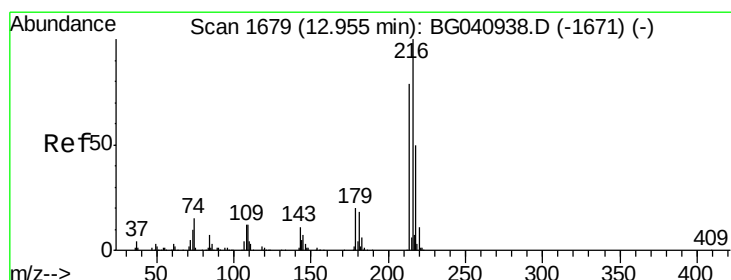
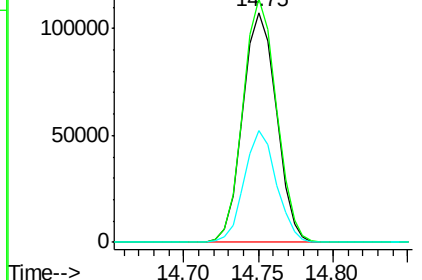
mohammad
6/5/2019 8:35:22 AM



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: 45.744 ng

RT: 12.95 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

Tgt Ion:216 Resp: 309951

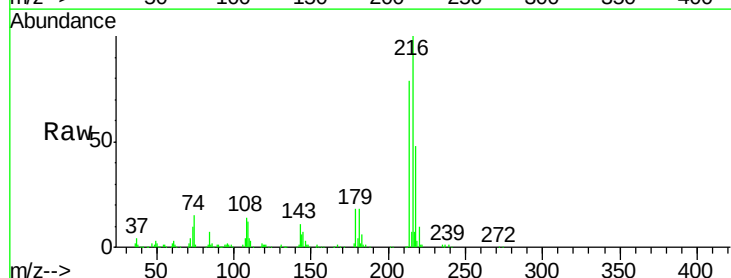
Ion Ratio Lower Upper

216 100

214 80.1 63.4 95.2

179 19.2 15.2 22.8

108 16.8 11.4 17.2

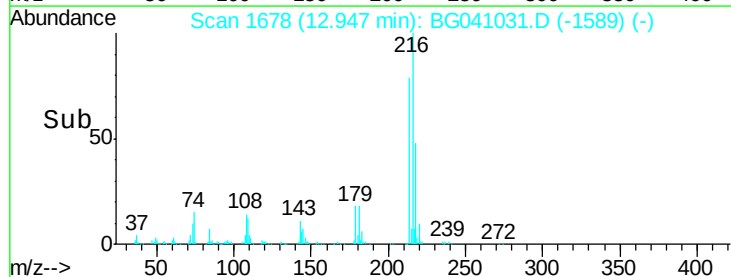
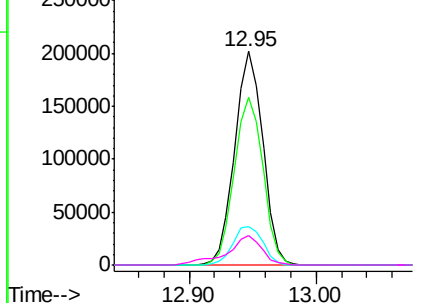


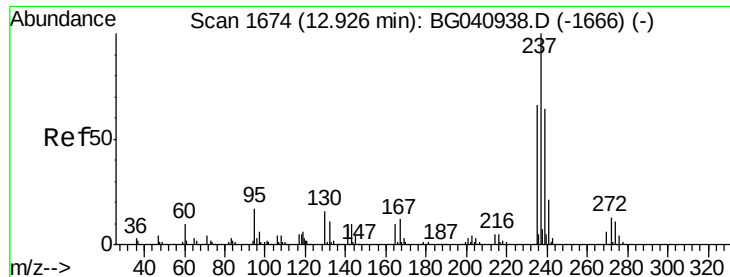
Abundance Ion 216.00 (215.70 to 216.70): E

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





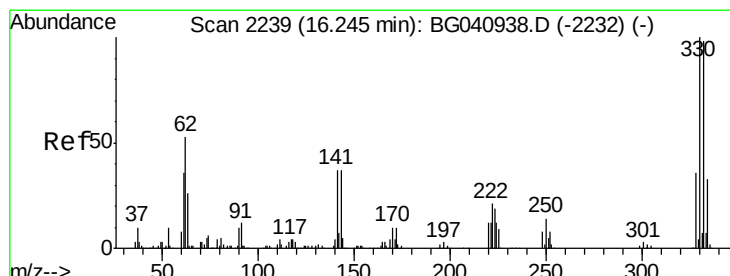
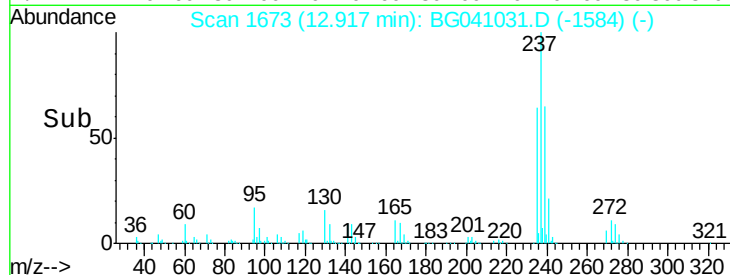
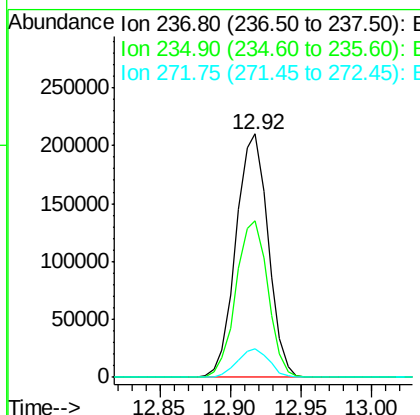
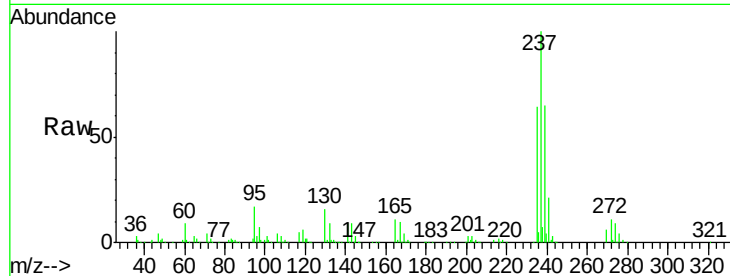
#41
Hexachlorocyclopentadiene
Concen: 90.621 ng
RT: 12.92 min Scan# 1673
Delta R.T. -0.01 min
Lab File: BG041031.D
Acq: 3 Jun 2019 13:05

Instrument :
BNA_G
ClientSampleId :
FESB-23(3-3.5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	64.3	45.5	85.5	
272	11.5	0.0	32.9	

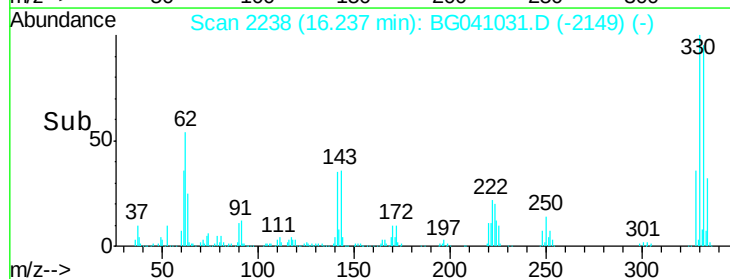
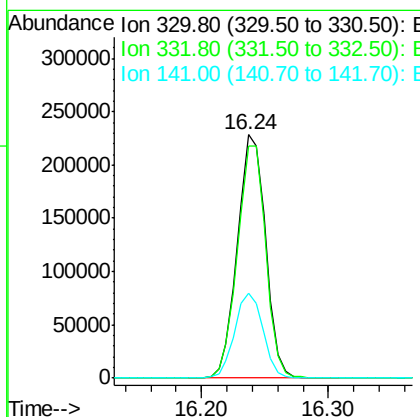
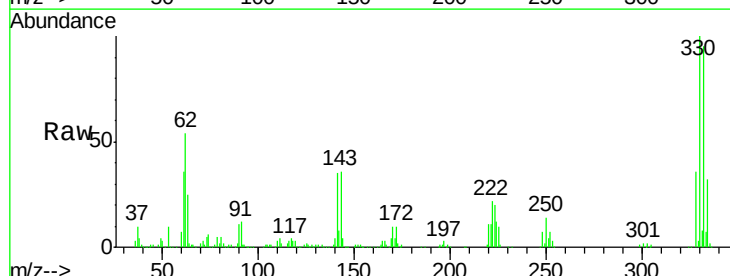
Manual Integrations
APPROVED

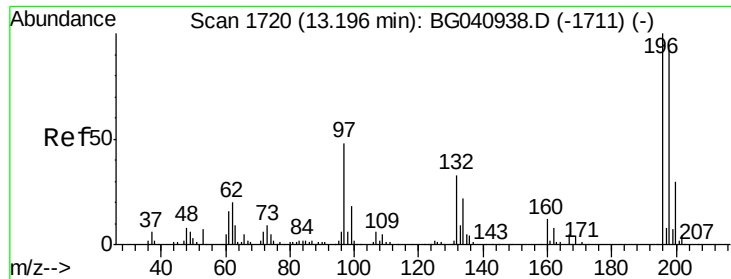
mohammad
6/5/2019 8:35:22 AM



#42
2,4,6-Tribromophenol
Concen: 140.846 ng
RT: 16.24 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BG041031.D
Acq: 3 Jun 2019 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.2	78.5	117.7	
141	35.0	28.7	43.1	





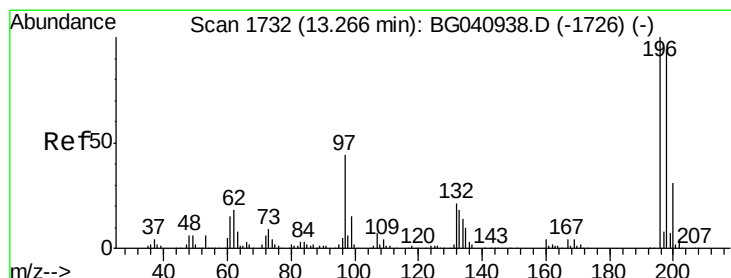
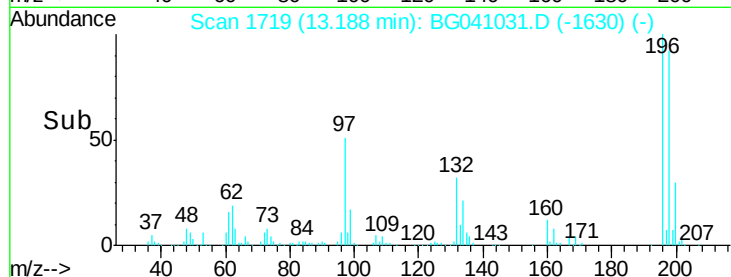
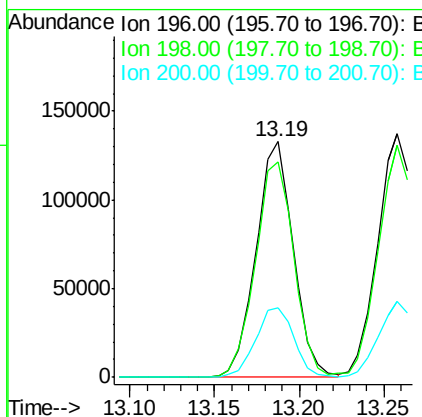
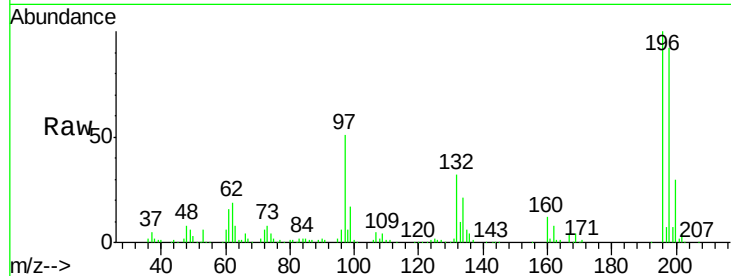
#43
 2,4,6-Trichlorophenol
 Concen: 46.604 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: BG041031.D
 Acq: 3 Jun 2019 13:05

Instrument :
 BNA_G
 ClientSampleId :
 FESB-23(3-3.5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	204281		
198	91.7	73.8	110.6	
200	29.5	24.1	36.1	

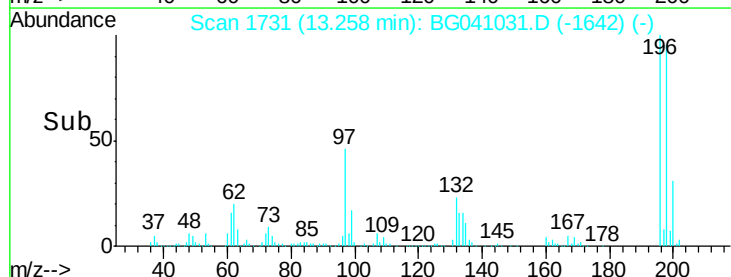
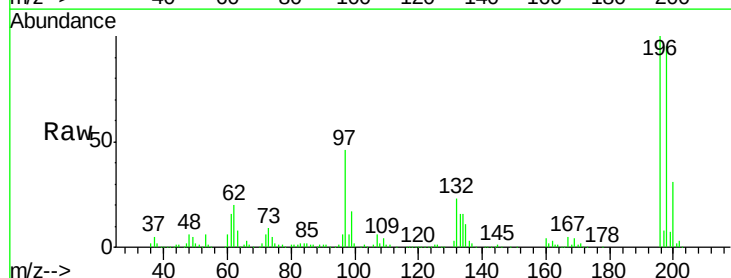
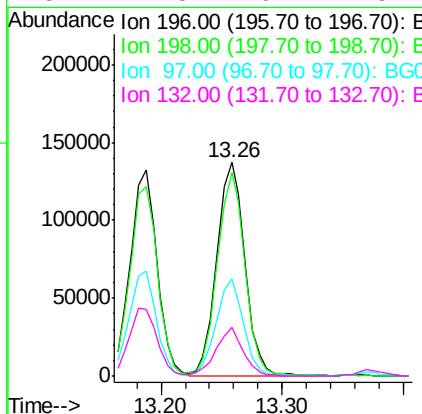
Manual Integrations
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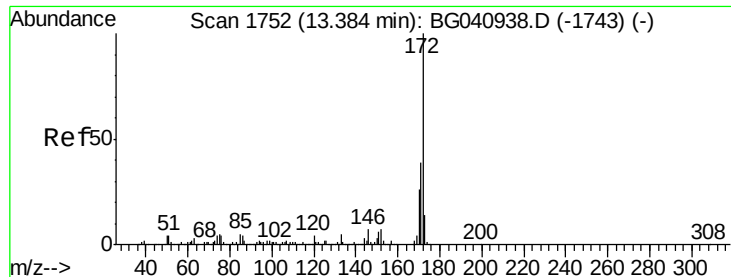
mohammad
 6/5/2019 8:35:22 AM



#44
 2,4,5-Trichlorophenol
 Concen: 47.339 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: BG041031.D
 Acq: 3 Jun 2019 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	218840		
198	95.4	75.1	112.7	
97	45.6	35.6	53.4	
132	22.8	16.7	25.1	





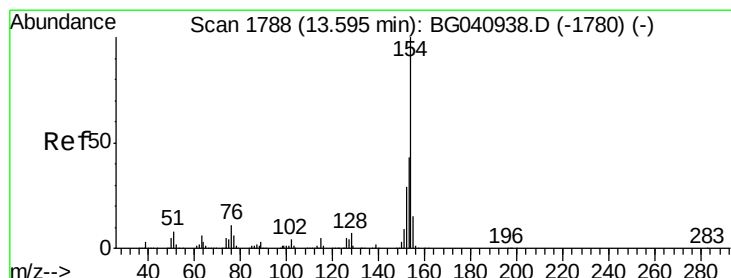
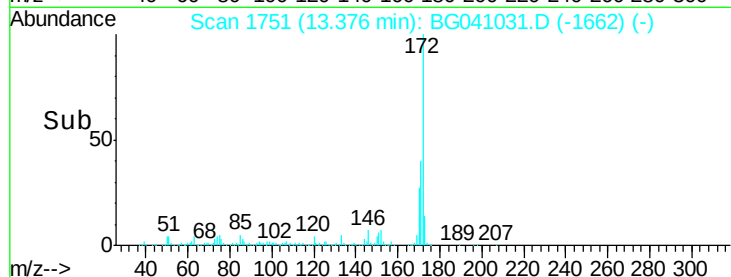
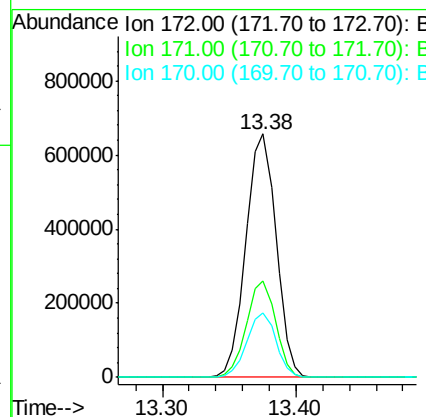
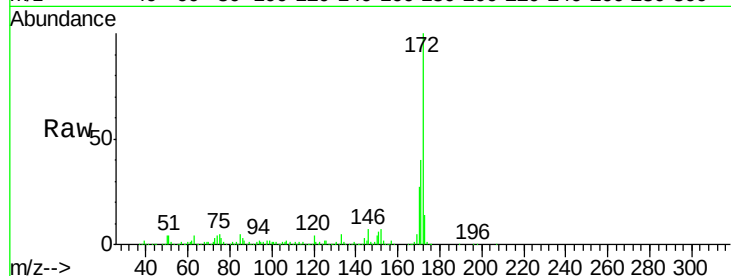
#45
2-Fluorobiphenyl
Concen: 87.601 ng
RT: 13.38 min Scan# 1751
Delta R.T. -0.01 min
Lab File: BG041031.D
Acq: 3 Jun 2019 13:05

Instrument :
BNA_G
ClientSampleId :
FESB-23(3-3.5)MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.8	31.1	46.7
170	26.5	20.5	30.7

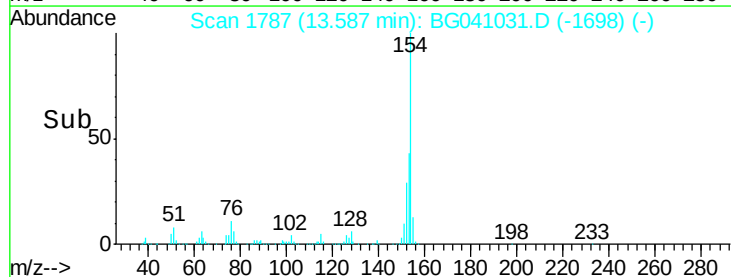
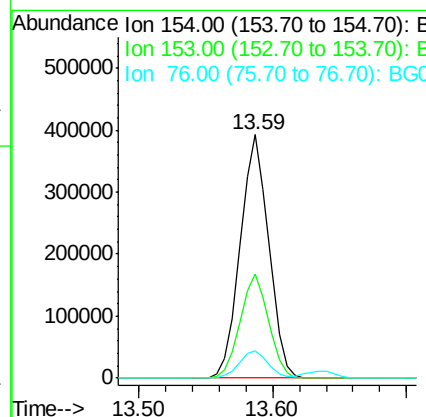
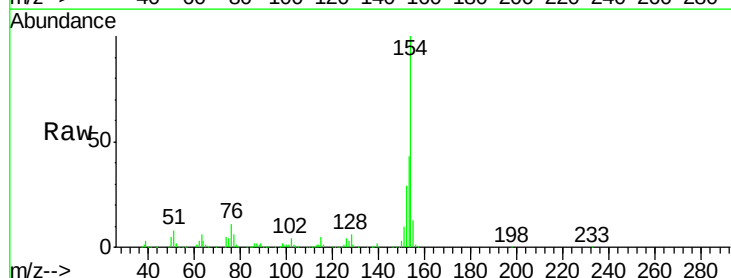
Manual Integrations
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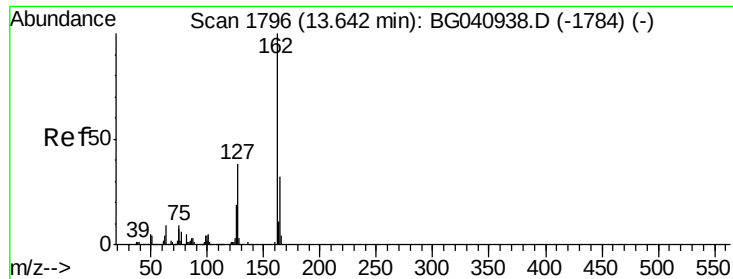
mohammad
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#46
1,1'-Biphenyl
Concen: 46.567 ng
RT: 13.59 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BG041031.D
Acq: 3 Jun 2019 13:05

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.9	23.3	63.3
76	11.2	0.0	31.1





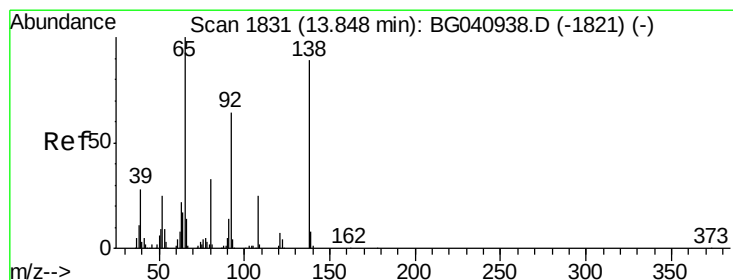
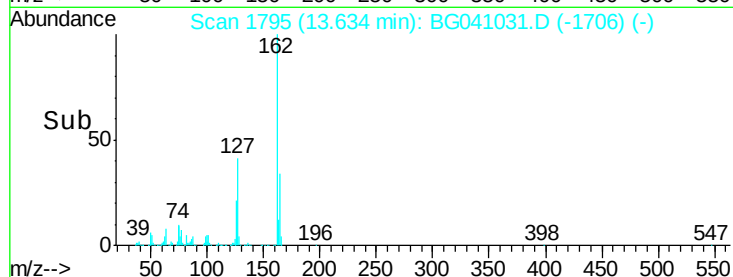
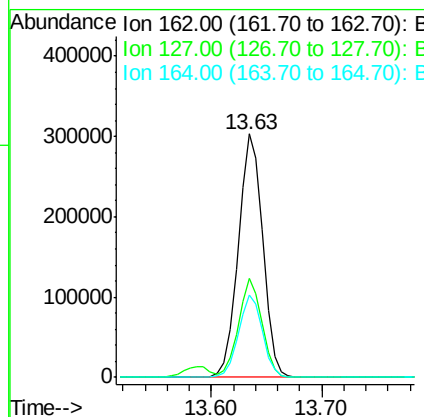
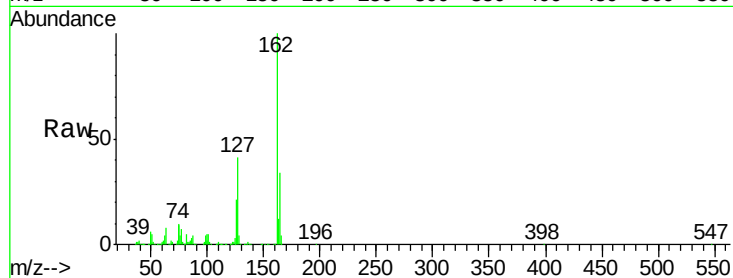
#47
2-Chloronaphthalene
Concen: 44.115 ng
RT: 13.63 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BG041031.D
Acq: 3 Jun 2019 13:05

Instrument :
BNA_G
ClientSampleId :
FESB-23(3-3.5)MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.6	30.5	45.7
164	33.9	25.8	38.6

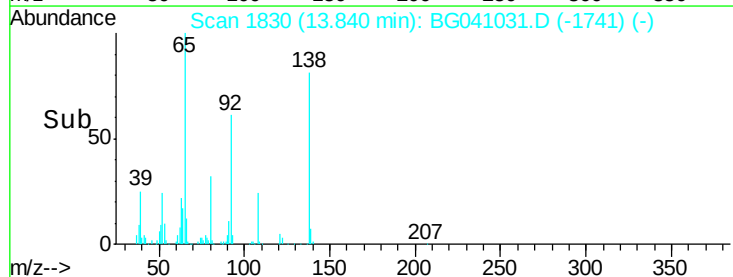
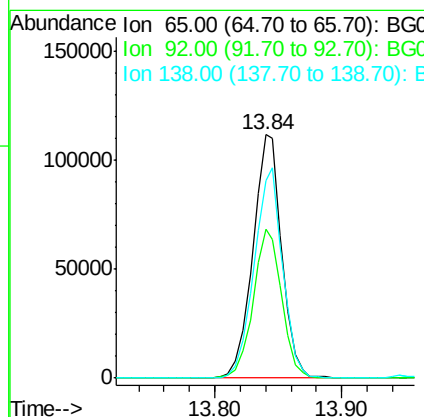
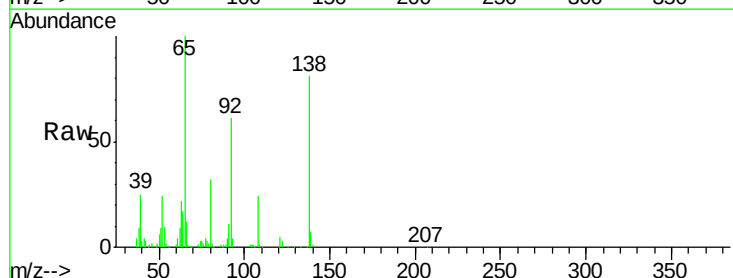
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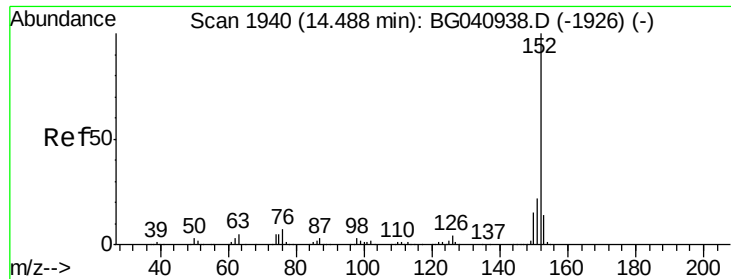
mohammad
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#48
2-Nitroaniline
Concen: 46.025 ng
RT: 13.84 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BG041031.D
Acq: 3 Jun 2019 13:05

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.2	51.0	76.6
138	81.3	71.2	106.8





#49

Acenaphthylene

Concen: 45.219 ng

RT: 14.48 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

Instrument :

BNA_G

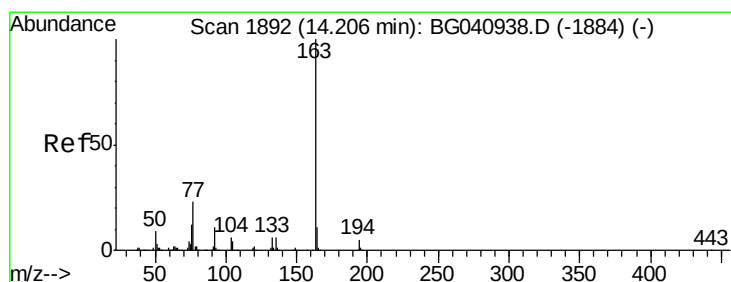
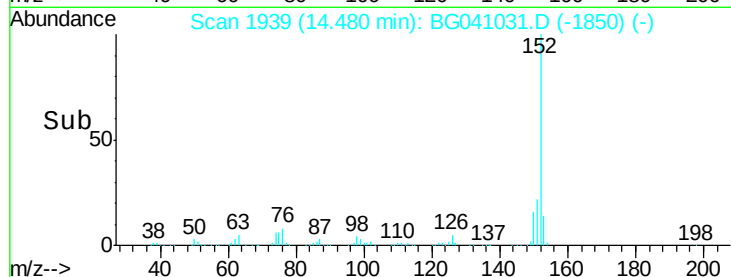
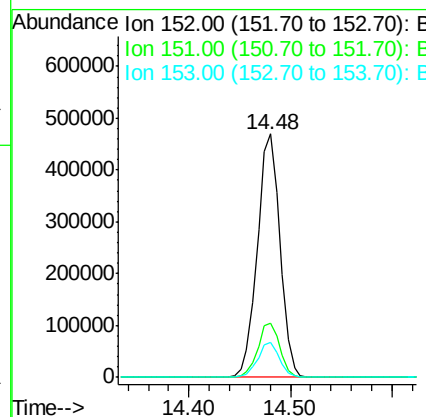
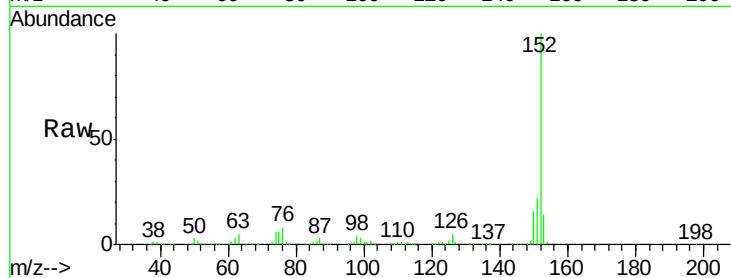
ClientSampleId :

FESB-23(3-3.5)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		727051		
151	22.3	17.4	26.0		
153	14.3	11.0	16.4		

Manual Integrations
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#50

Dimethylphthalate

Concen: 50.473 ng

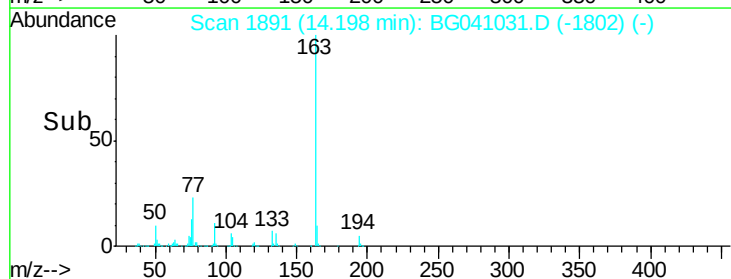
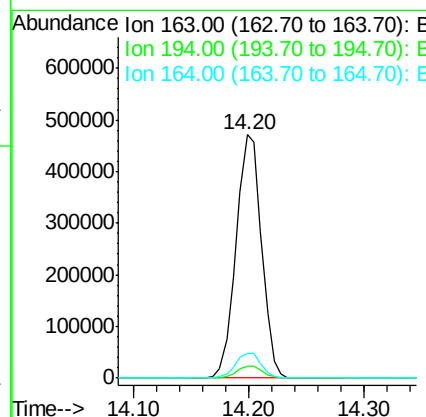
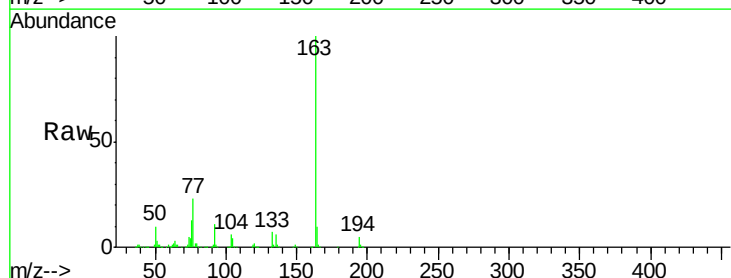
RT: 14.20 min Scan# 1891

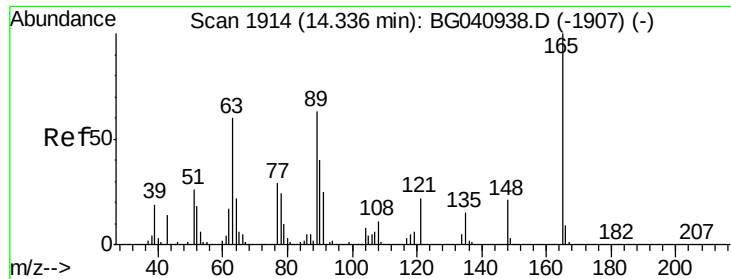
Delta R.T. -0.01 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		718262		
194	4.7	3.8	5.8		
164	10.3	8.7	13.1		





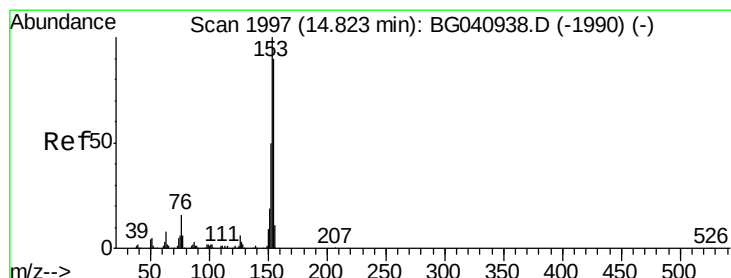
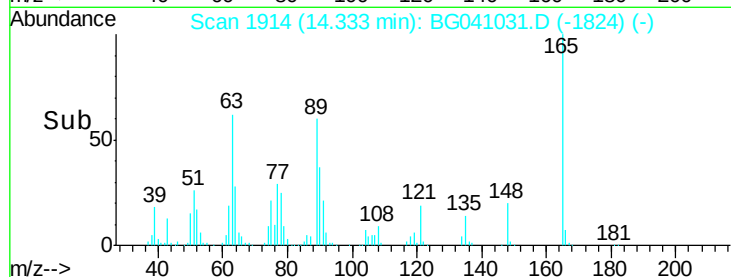
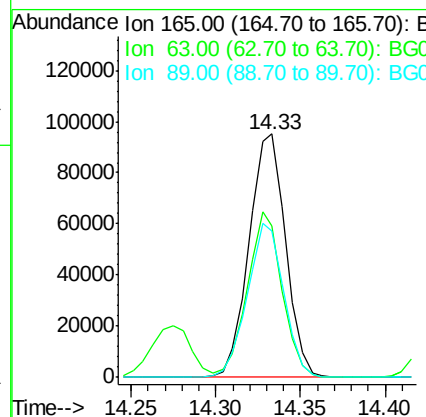
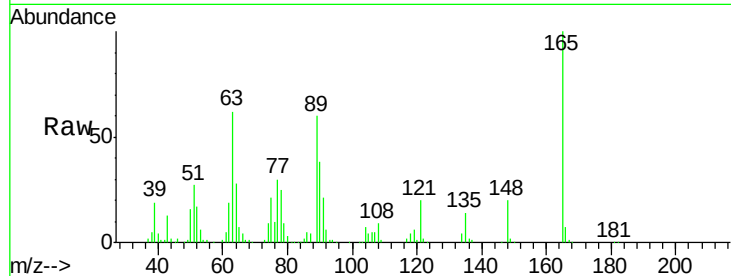
#51
 2,6-Dinitrotoluene
 Concen: 46.573 ng
 RT: 14.33 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: BG041031.D
 Acq: 3 Jun 2019 13:05

Instrument :
 BNA_G
 ClientSampleId :
 FESB-23(3-3.5)MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	62.0	53.6	80.4
89	60.3	50.4	75.6

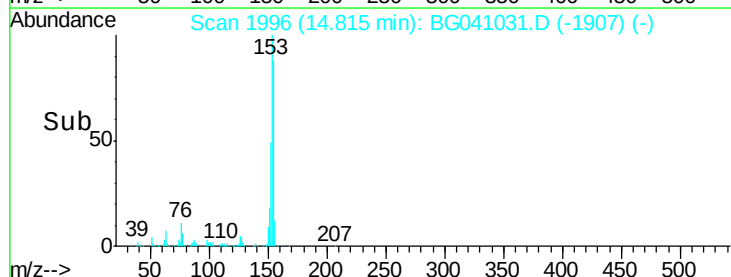
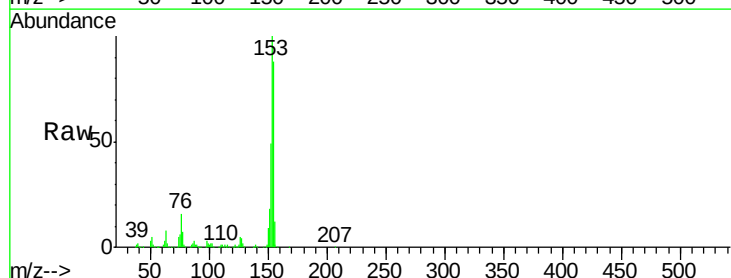
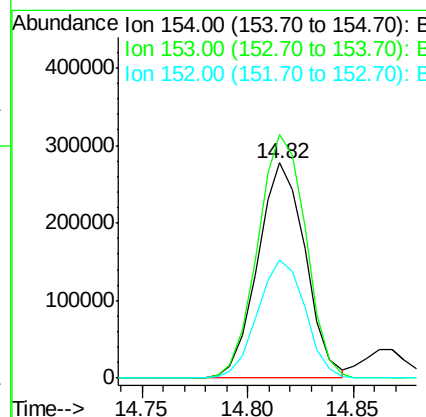
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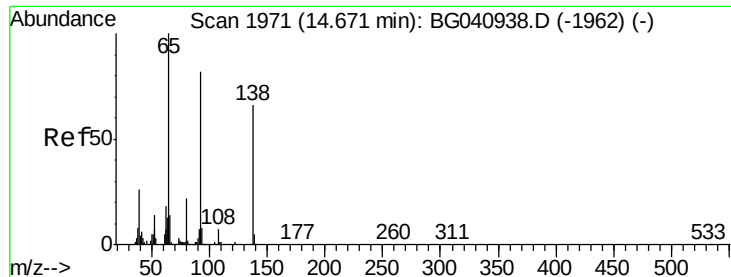
mohammad
 6/5/2019 8:35:22 AM



#52
 Acenaphthene
 Concen: 44.661 ng
 RT: 14.82 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BG041031.D
 Acq: 3 Jun 2019 13:05

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.1	88.6	133.0
152	55.2	44.2	66.4





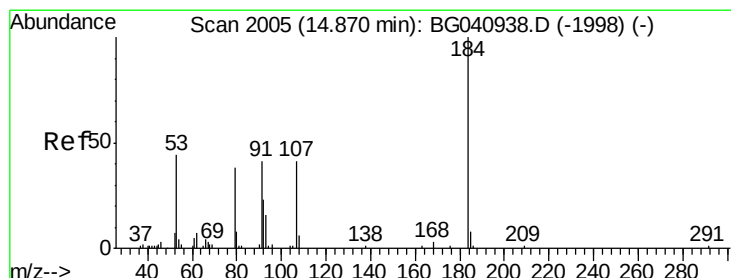
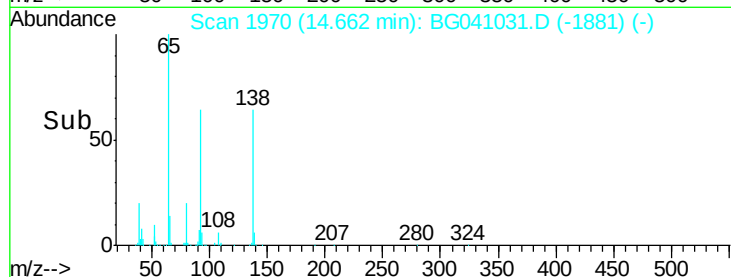
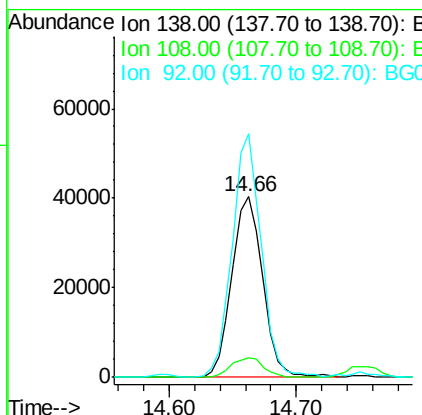
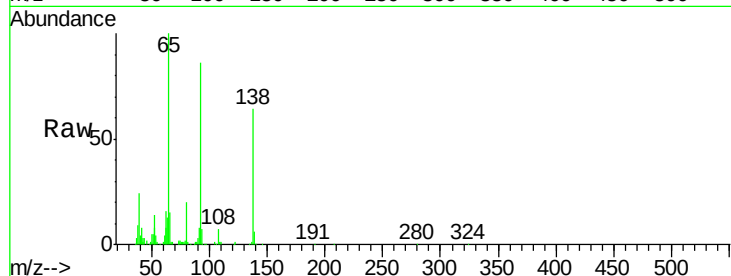
#53
3-Nitroaniline
Concen: 22.163 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG041031.D
Acq: 3 Jun 2019 13:05

Instrument :
BNA_G
ClientSampleId :
FESB-23(3-3.5)MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.0	8.5	12.7
92	134.7	99.0	148.6

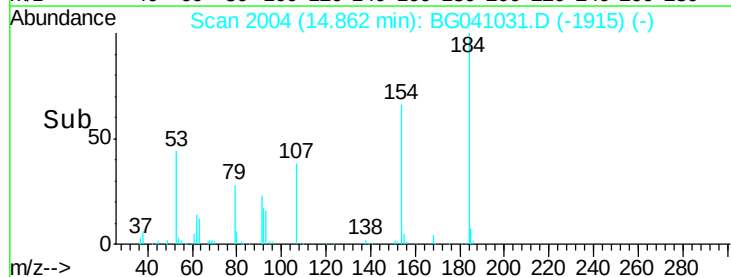
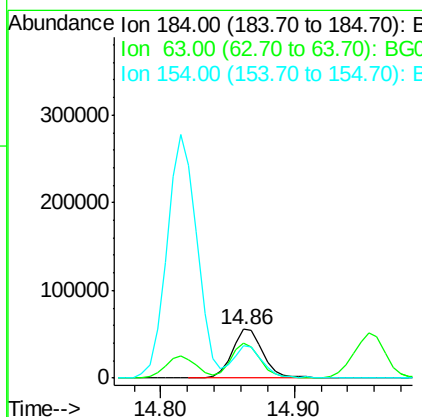
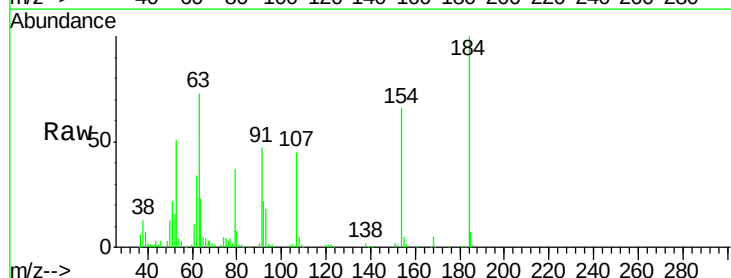
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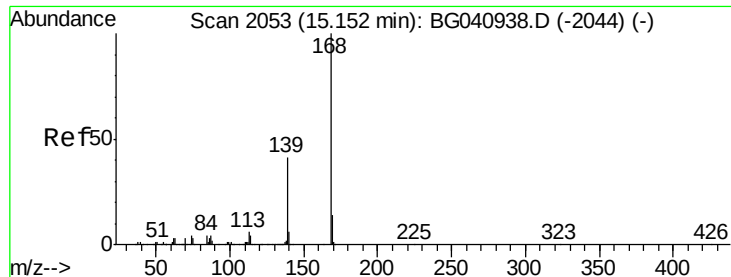
mohammad
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#54
2,4-Dinitrophenol
Concen: 63.042 ng
RT: 14.86 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BG041031.D
Acq: 3 Jun 2019 13:05

Tgt Ion	Ratio	Lower	Upper
184	100		
63	72.6	49.8	74.6
154	66.2	52.2	78.4





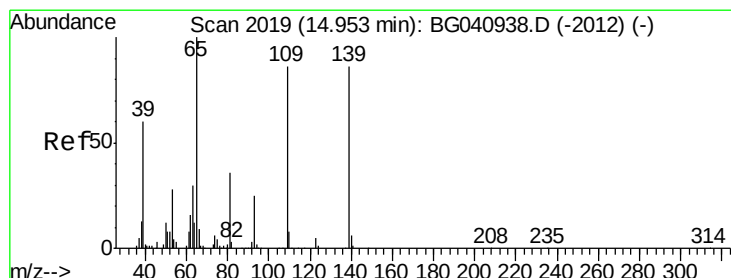
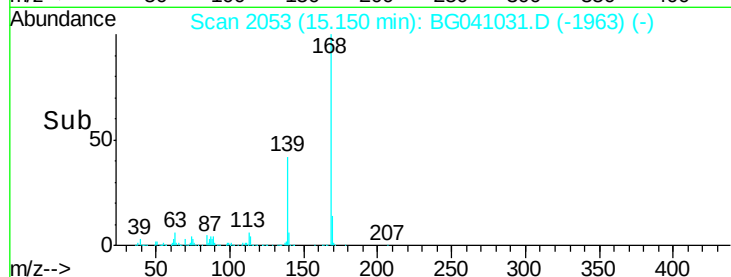
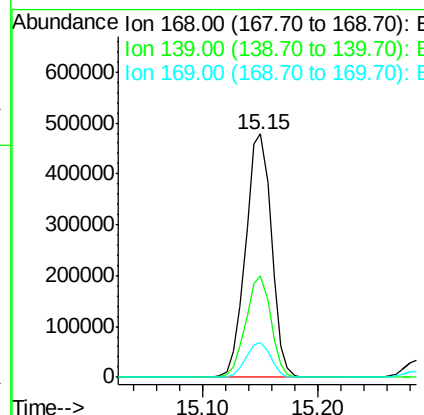
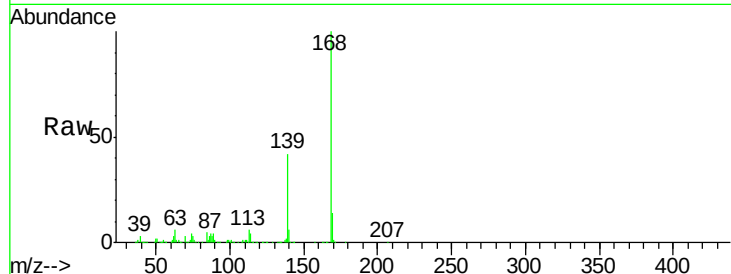
#55
Dibenzenofuran
Concen: 45.339 ng
RT: 15.15 min Scan# 2053
Delta R.T. -0.00 min
Lab File: BG041031.D
Acq: 3 Jun 2019 13:05

Instrument :
BNA_G
ClientSampleId :
FESB-23(3-3.5)MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.7	32.8	49.2
169	14.5	11.3	16.9

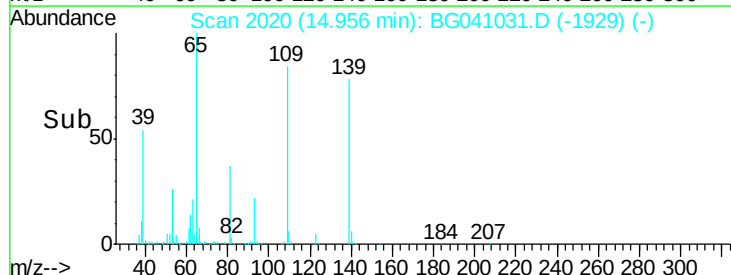
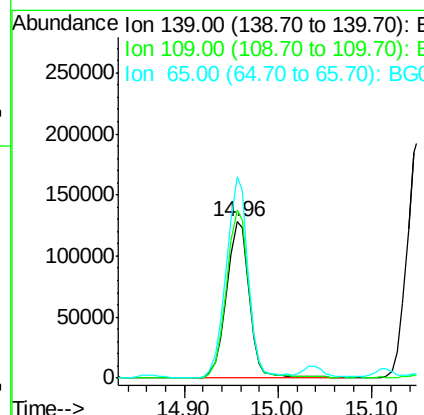
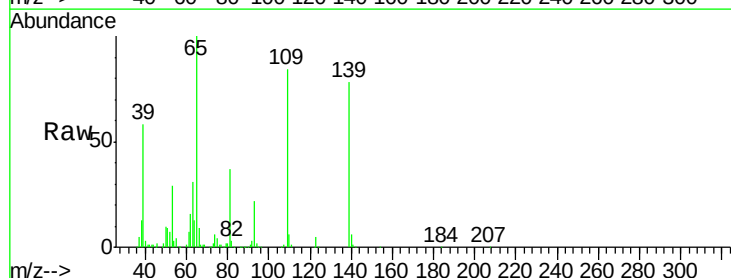
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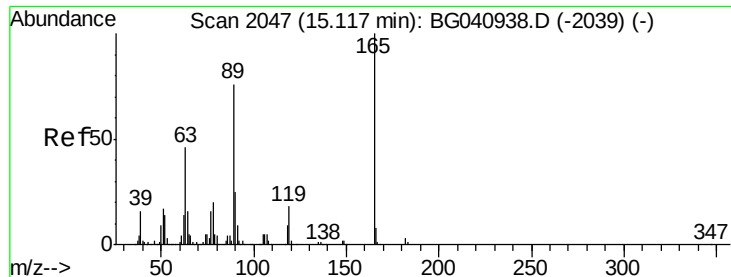
mohammad
6/5/2019 8:35:22 AM



#56
4-Nitrophenol
Concen: 103.885 ng
RT: 14.96 min Scan# 2020
Delta R.T. 0.00 min
Lab File: BG041031.D
Acq: 3 Jun 2019 13:05

Tgt Ion	Ratio	Lower	Upper
139	100		
109	108.1	79.6	119.6
65	129.0	96.9	136.9





#57

2,4-Dinitrotoluene

Concen: 46.342 ng

RT: 15.11 min Scan# 2047

Delta R.T. -0.00 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

Instrument :

BNA_G

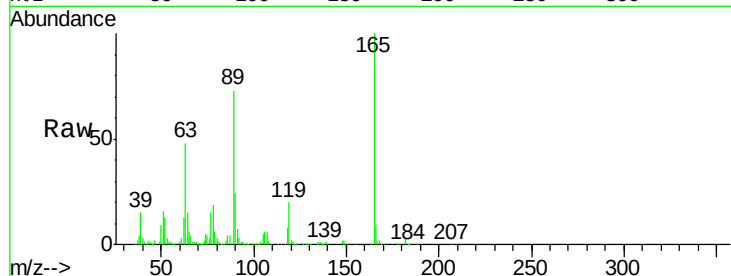
ClientSampleId :

FESB-23(3-3.5)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		200851		
63	48.0	37.3	55.9		
89	72.8	61.0	91.6		
182	3.2	2.2	3.2		

Manual Integrations
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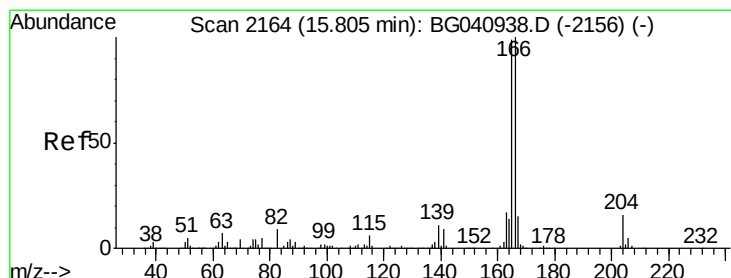
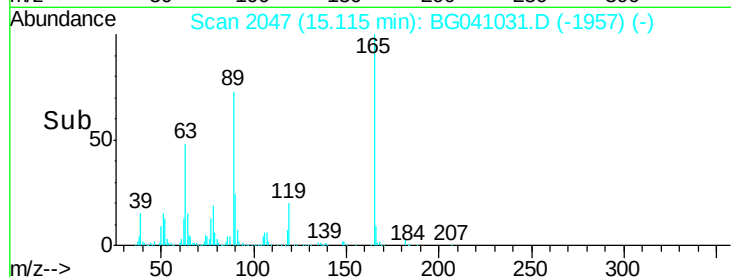
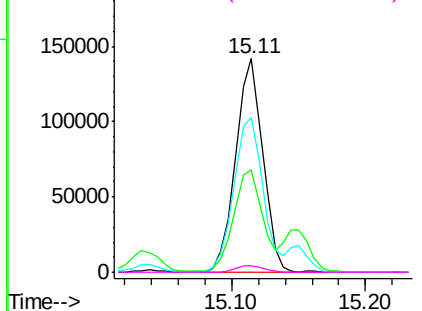


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 44.700 ng

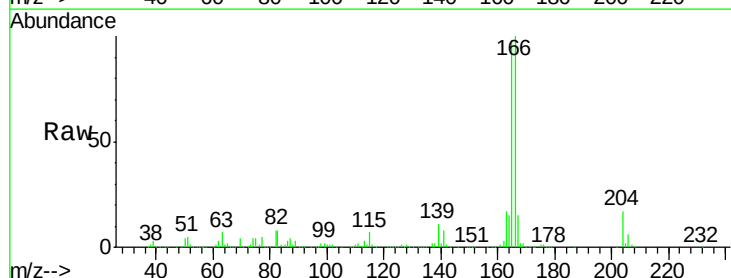
RT: 15.80 min Scan# 2163

Delta R.T. -0.01 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

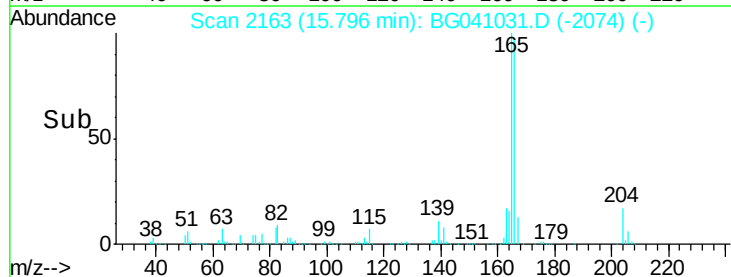
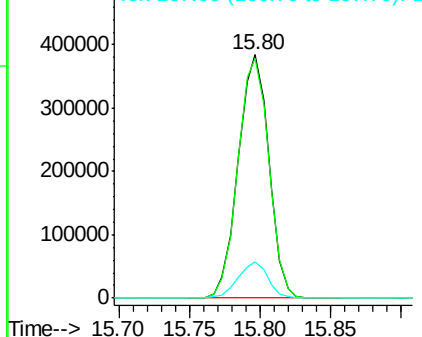
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		583436		
165	98.4	79.2	118.8		
167	14.9	11.8	17.6		

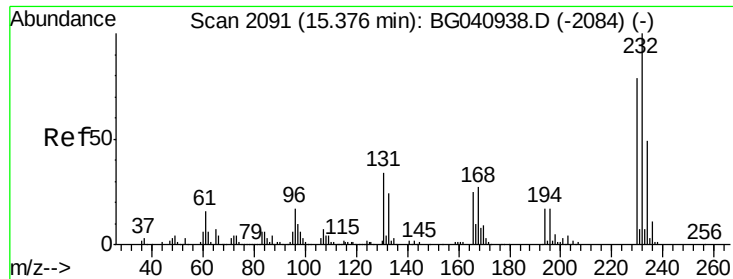


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





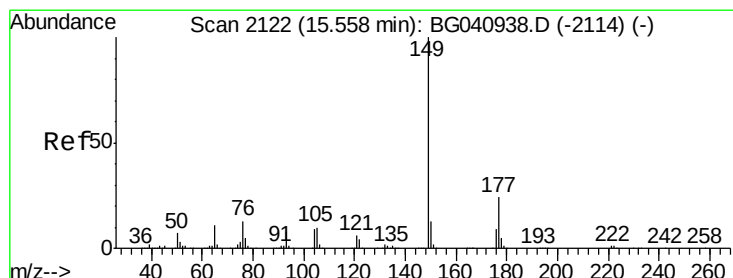
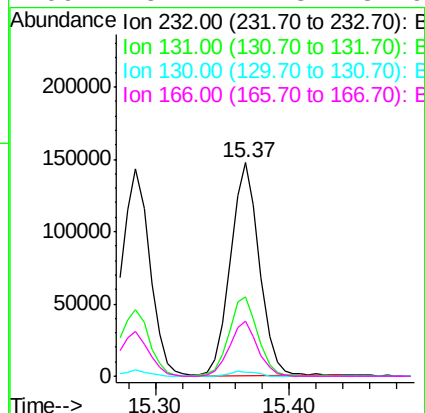
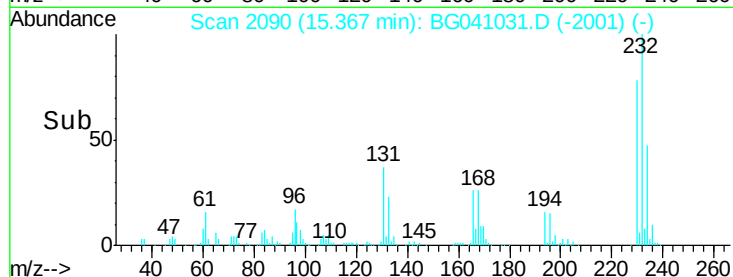
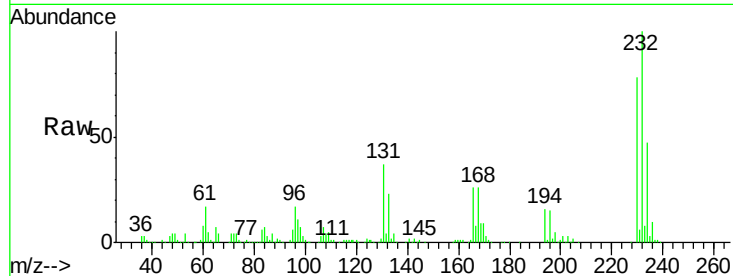
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.090 ng
 RT: 15.37 min Scan# 2090
 Delta R.T. -0.01 min
 Lab File: BG041031.D
 Acq: 3 Jun 2019 13:05

Instrument :
 BNA_G
 ClientSampleId :
 FESB-23(3-3.5)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		223016		
131	36.8	30.3	45.5		
130	2.3	1.8	2.8		
166	25.1	21.3	31.9		

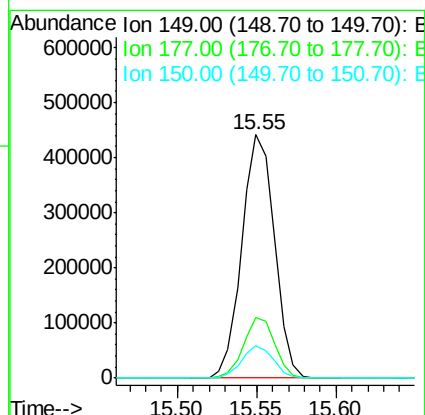
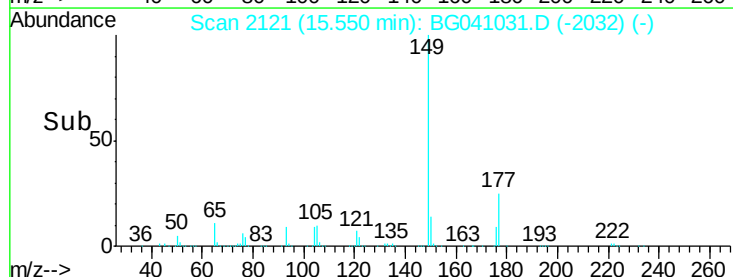
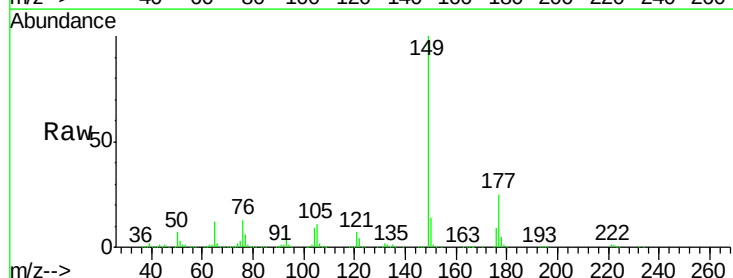
Manual Integrations
 APPROVED

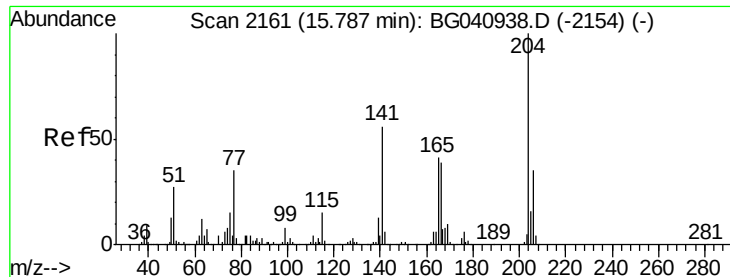
mohammad
 6/5/2019 8:35:22 AM



#60
 Diethylphthalate
 Concen: 43.271 ng
 RT: 15.55 min Scan# 2121
 Delta R.T. -0.01 min
 Lab File: BG041031.D
 Acq: 3 Jun 2019 13:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		628412		
177	25.0	19.4	29.0		
150	13.5	10.3	15.5		





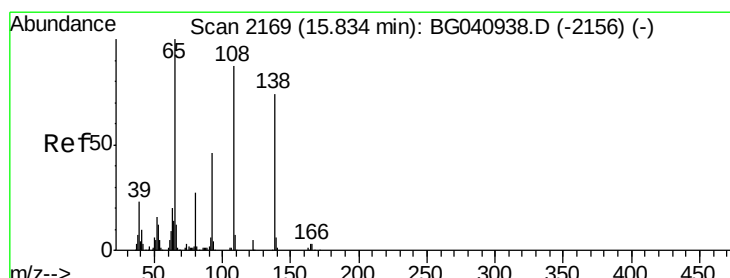
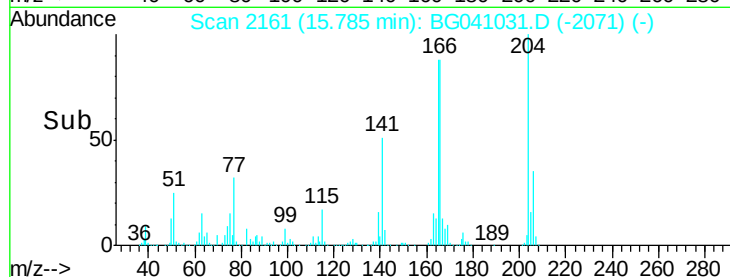
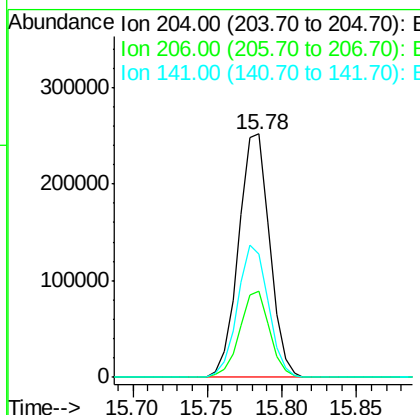
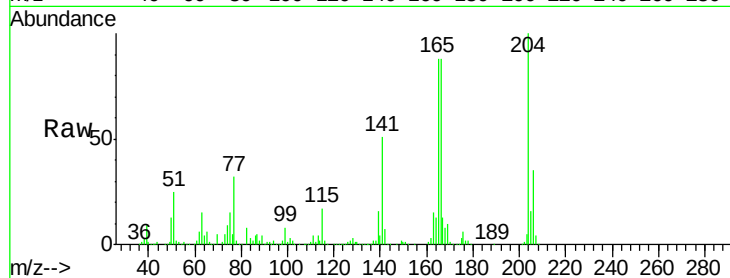
#61
4-Chlorophenyl-phenylether
Concen: 42.946 ng
RT: 15.78 min Scan# 2161
Delta R.T. -0.00 min
Lab File: BG041031.D
Acq: 3 Jun 2019 13:05

Instrument :
BNA_G
ClientSampleId :
FESB-23(3-3.5)MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.4	27.6	41.4
141	50.9	45.1	67.7

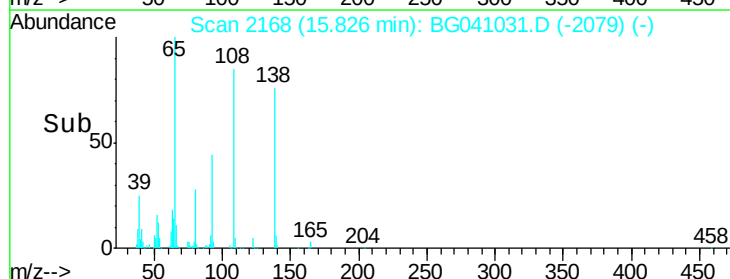
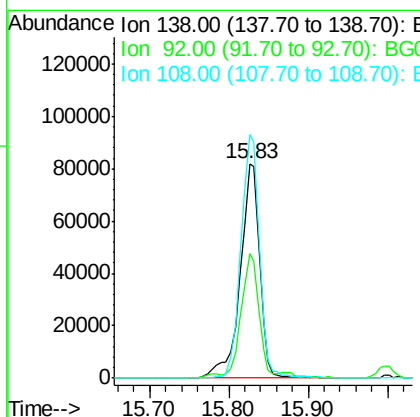
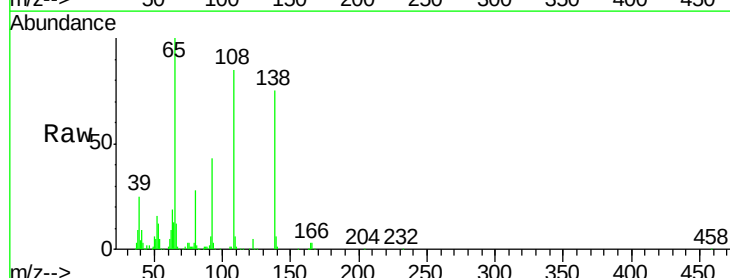
Manual Integrations
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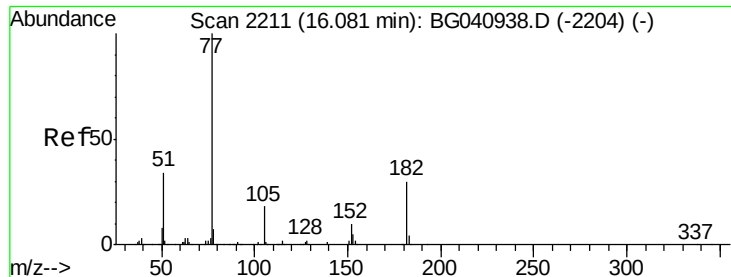
mohammad
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#62
4-Nitroaniline
Concen: 43.196 ng
RT: 15.83 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BG041031.D
Acq: 3 Jun 2019 13:05

Tgt Ion	Ratio	Lower	Upper
138	100		
92	58.1	42.4	82.4
108	113.6	96.9	136.9





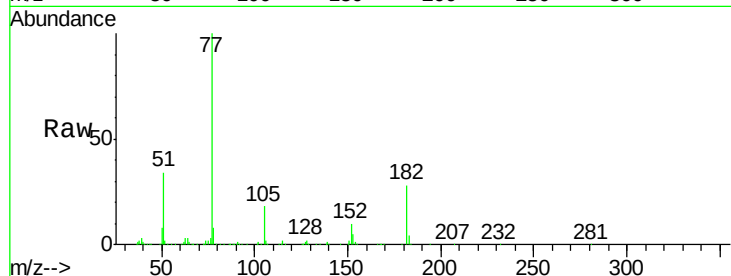
#63
Azobenzene
Concen: 44.342 ng
RT: 16.07 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BG041031.D
Acq: 3 Jun 2019 13:05

Instrument :
BNA_G
ClientSampleId :
FESB-23(3-3.5)MSD

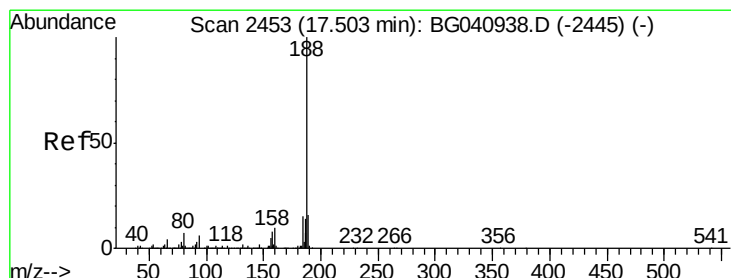
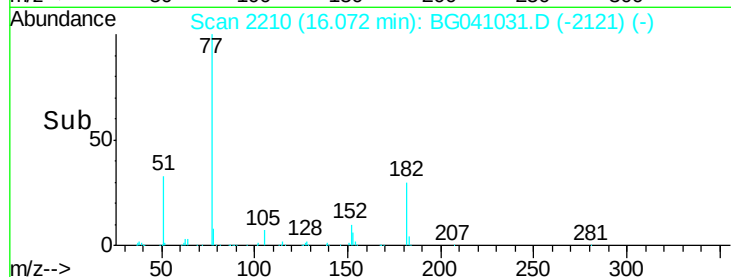
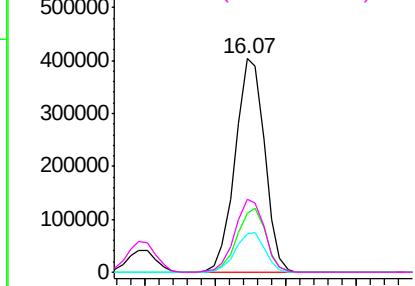
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		585299		
182	27.8	9.6	49.6		
105	18.1	0.0	37.5		
51	34.4	13.7	53.7		

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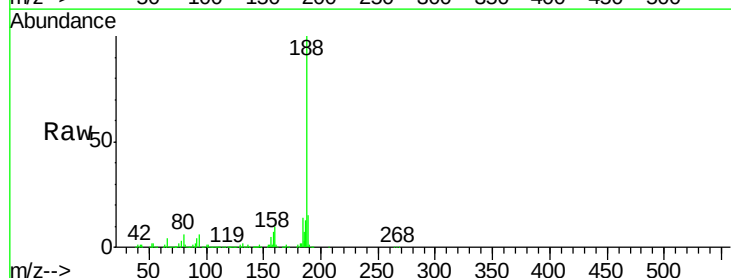


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

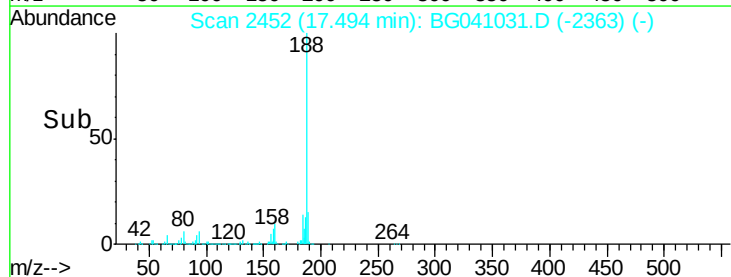
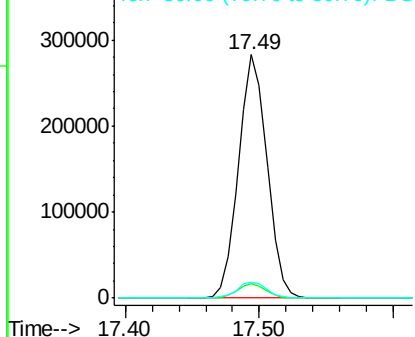


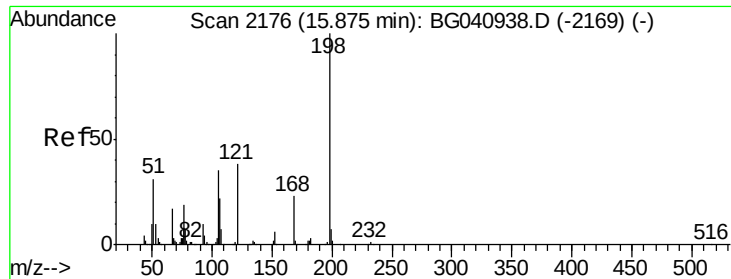
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2452
Delta R.T. -0.01 min
Lab File: BG041031.D
Acq: 3 Jun 2019 13:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		418089		
94	6.1	4.7	7.1		
80	6.4	5.8	8.8		



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





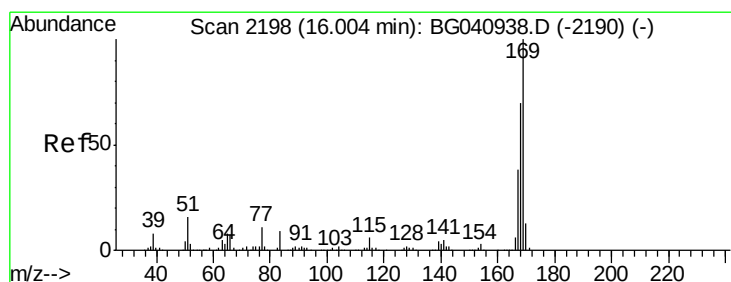
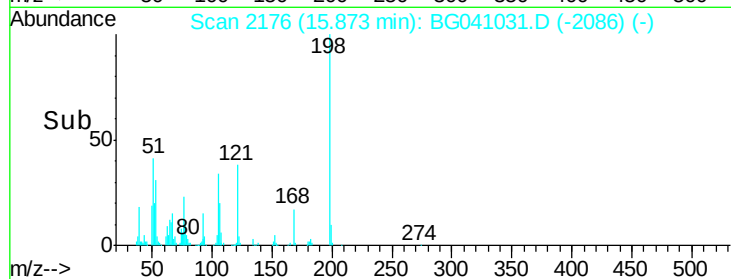
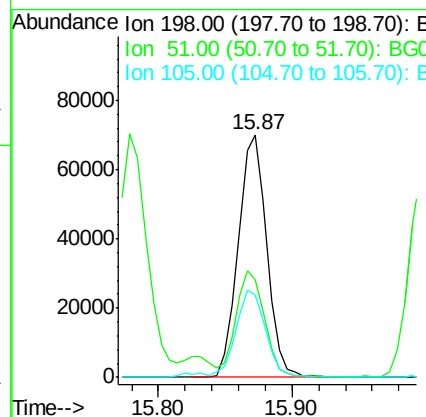
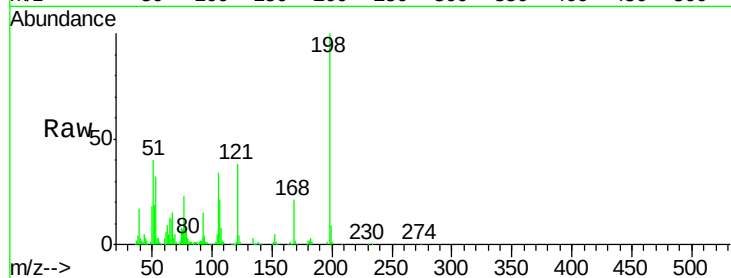
#65
4,6-Dinitro-2-methylphenol
Concen: 46.700 ng
RT: 15.87 min Scan# 2176
Delta R.T. -0.00 min
Lab File: BG041031.D
Acq: 3 Jun 2019 13:05

Instrument :
BNA_G
ClientSampleId :
FESB-23(3-3.5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	103990		
51	40.1	21.6	61.6	
105	34.1	17.5	57.5	

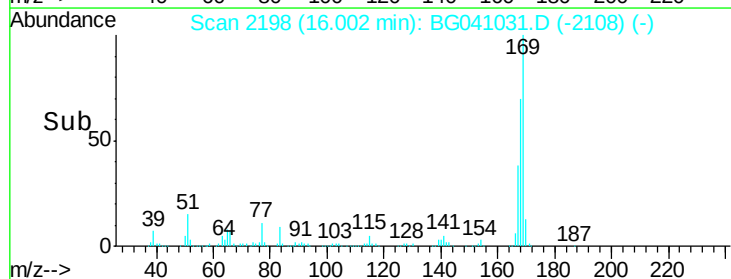
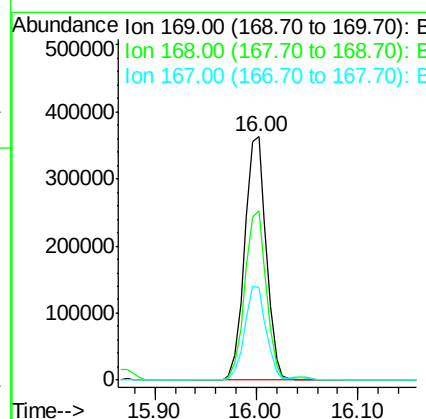
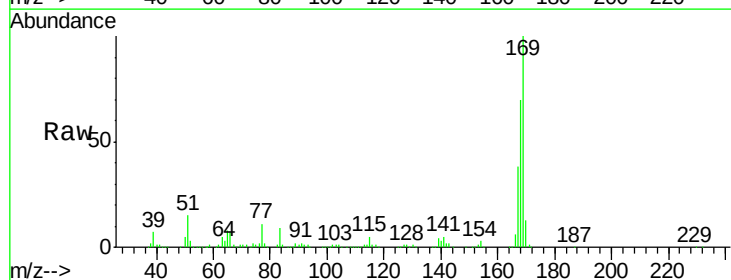
Manual Integrations
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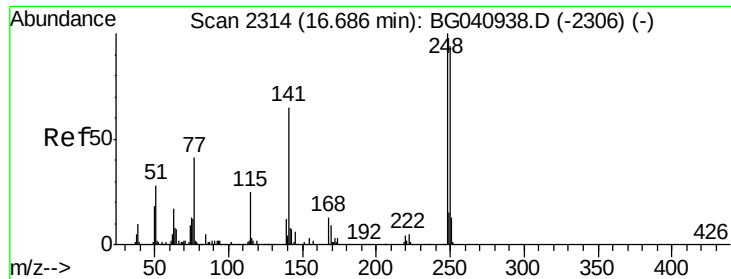
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#66
n-Nitrosodiphenylamine
Concen: 45.404 ng
RT: 16.00 min Scan# 2198
Delta R.T. -0.00 min
Lab File: BG041031.D
Acq: 3 Jun 2019 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	533631		
168	69.7	55.7	83.5	
167	38.2	30.2	45.2	





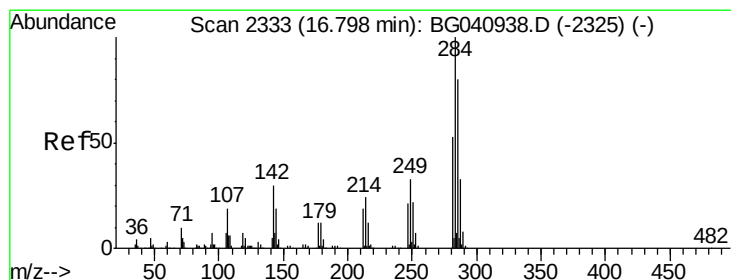
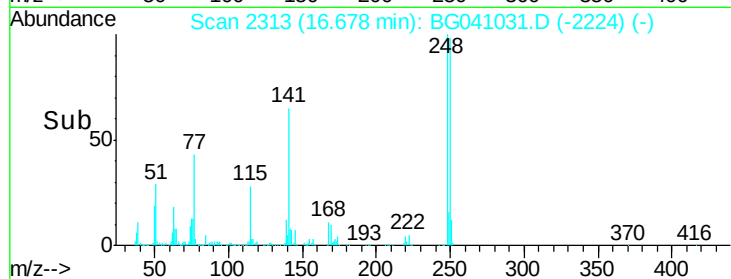
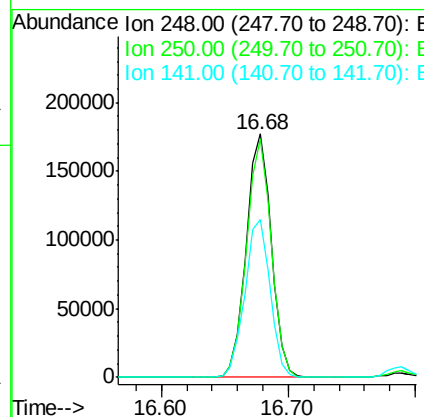
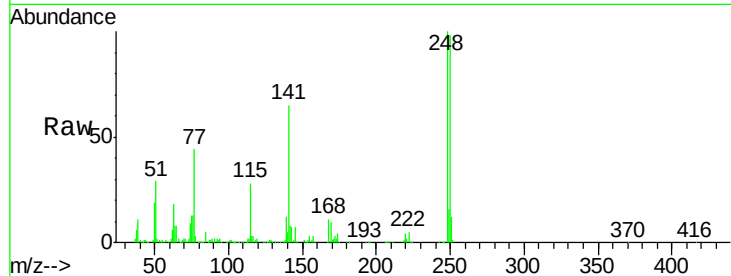
#67
4-Bromophenyl-phenylether
Concen: 43.119 ng
RT: 16.68 min Scan# 2313
Delta R.T. -0.01 min
Lab File: BG041031.D
Acq: 3 Jun 2019 13:05

Instrument :
BNA_G
ClientSampleId :
FESB-23(3-3.5)MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.9	75.0	112.4
141	64.9	52.4	78.6

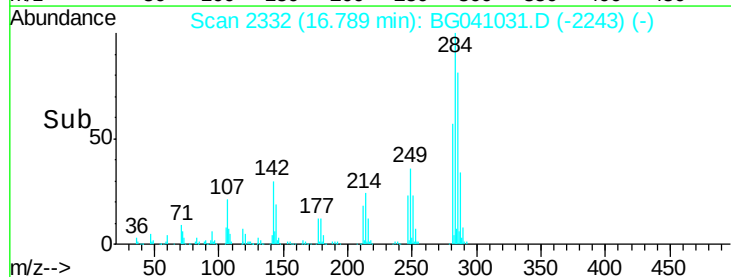
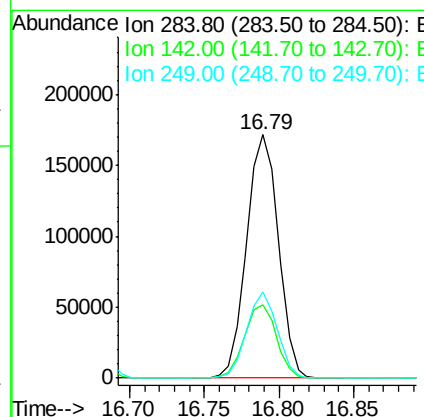
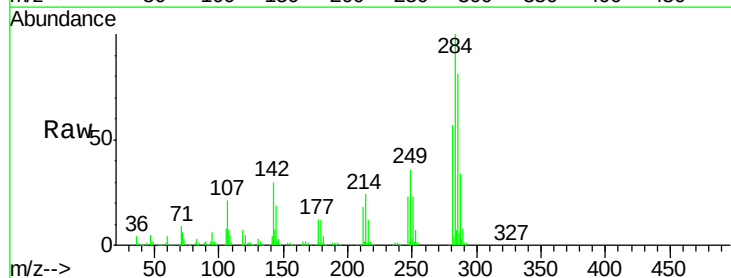
Manual Integrations
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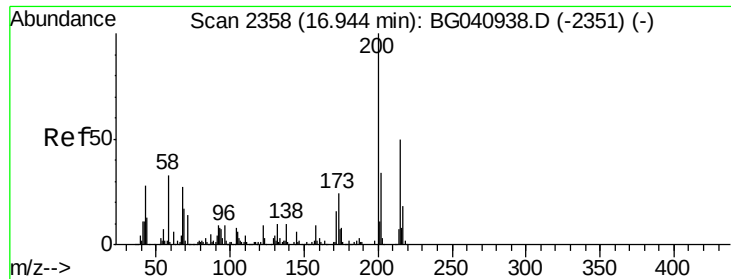
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#68
Hexachlorobenzene
Concen: 41.980 ng
RT: 16.79 min Scan# 2332
Delta R.T. -0.01 min
Lab File: BG041031.D
Acq: 3 Jun 2019 13:05

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.2	23.9	35.9
249	35.6	26.8	40.2





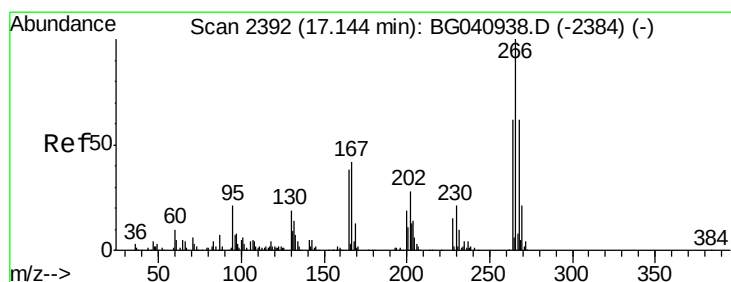
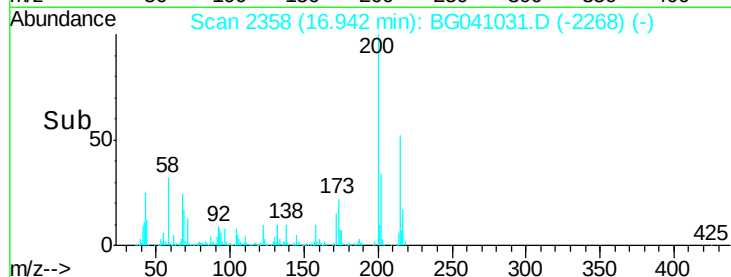
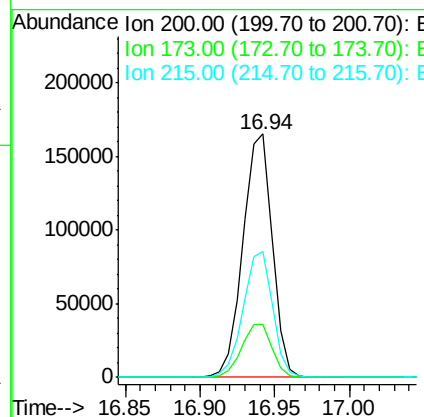
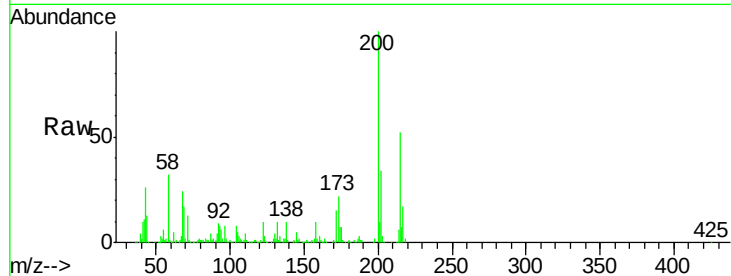
#69
Atrazine
Concen: 49.760 ng
RT: 16.94 min Scan# 2358
Delta R.T. -0.00 min
Lab File: BG041031.D
Acq: 3 Jun 2019 13:05

Instrument :
BNA_G
ClientSampleId :
FESB-23(3-3.5)MSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	21.6	3.6	43.6
215	51.8	29.6	69.6

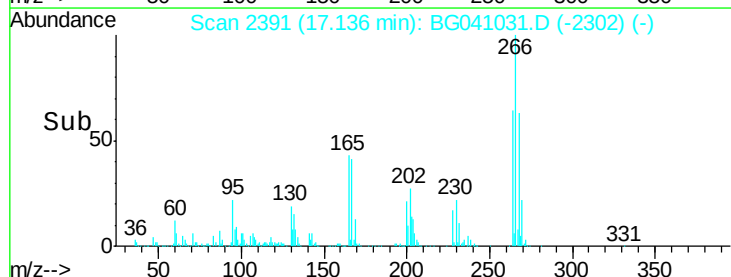
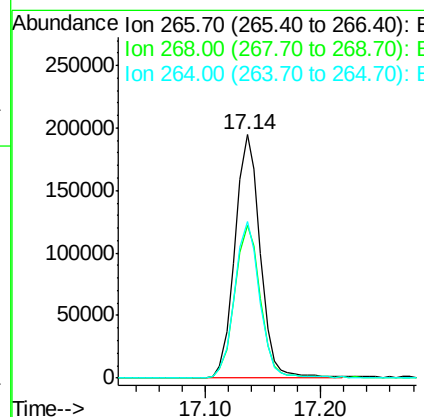
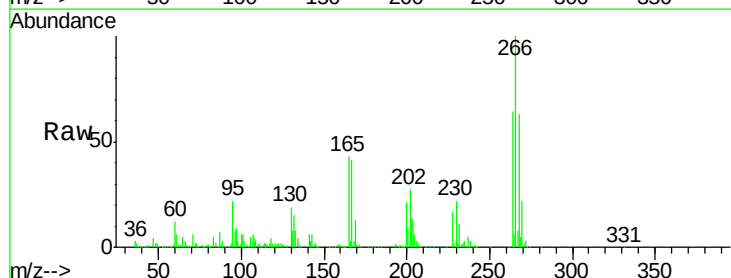
Manual Integrations
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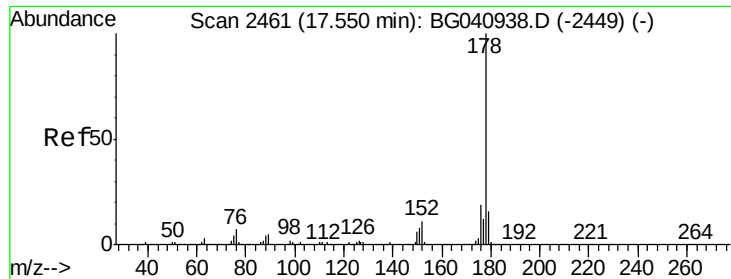
mohammad
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#70
Pentachlorophenol
Concen: 91.594 ng
RT: 17.14 min Scan# 2391
Delta R.T. -0.01 min
Lab File: BG041031.D
Acq: 3 Jun 2019 13:05

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	62.8	53.1	79.7
264	64.3	49.9	74.9





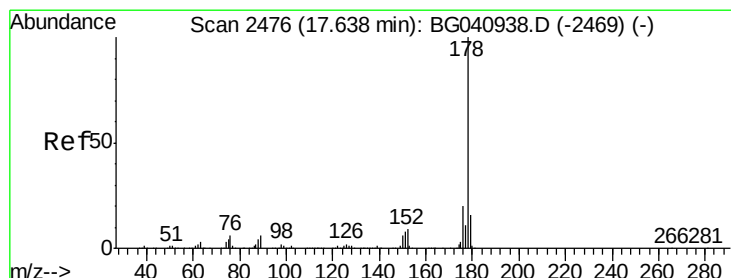
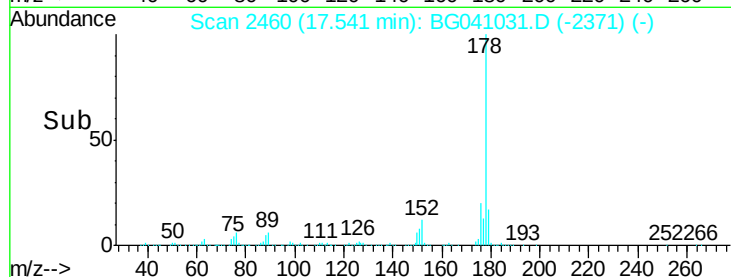
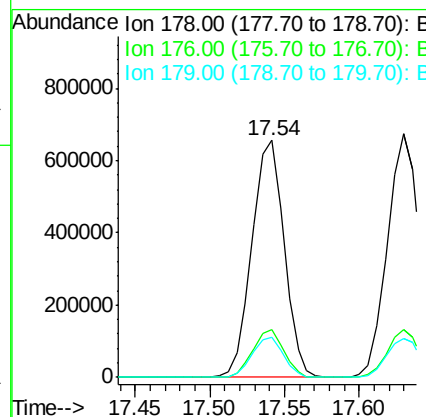
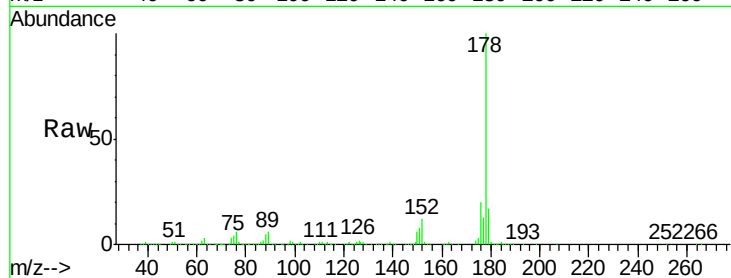
#71
Phenanthrene
Concen: 45.018 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG041031.D
Acq: 3 Jun 2019 13:05

Instrument :
BNA_G
ClientSampleId :
FESB-23(3-3.5)MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.5	23.3
179	16.8	12.7	19.1

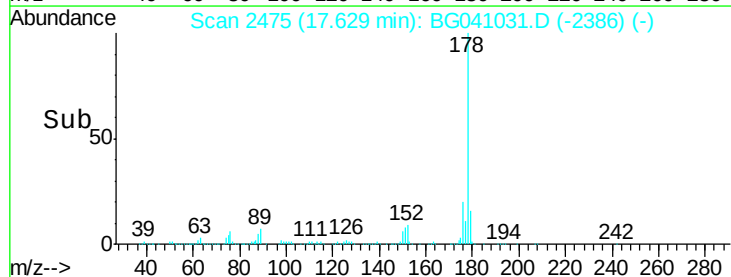
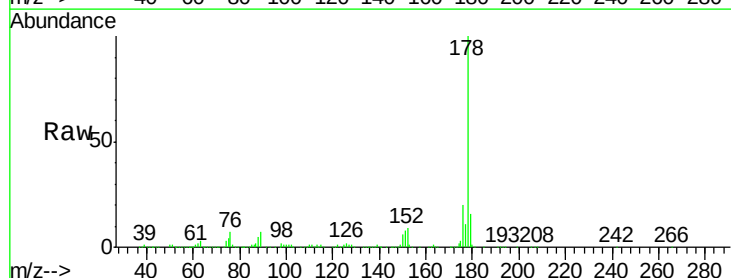
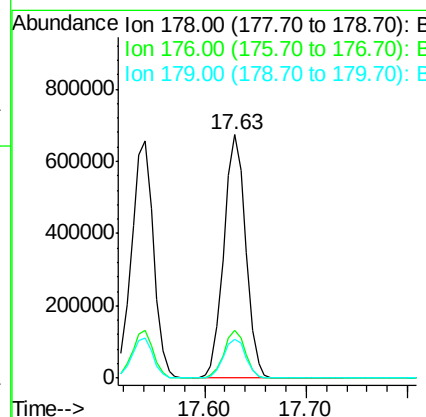
Manual Integrations
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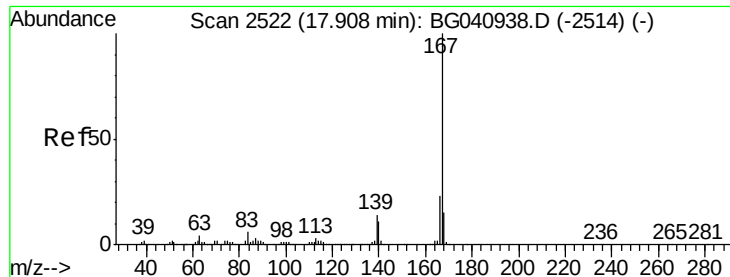
mohammad
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#72
Anthracene
Concen: 46.942 ng
RT: 17.63 min Scan# 2475
Delta R.T. -0.01 min
Lab File: BG041031.D
Acq: 3 Jun 2019 13:05

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.6	23.4
179	16.1	13.0	19.4





#73

Carbazole

Concen: 48.566 ng

RT: 17.90 min Scan# 2521

Delta R.T. -0.01 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

Instrument :

BNA_G

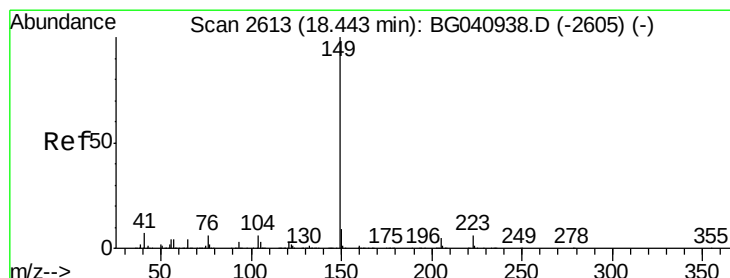
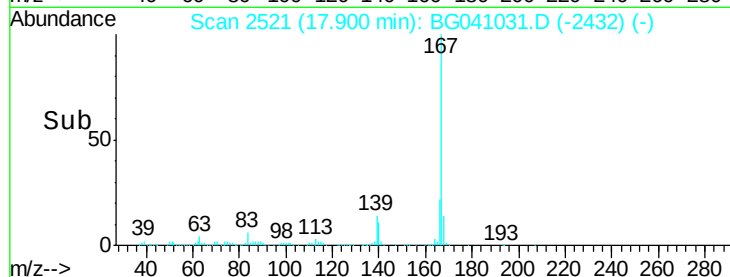
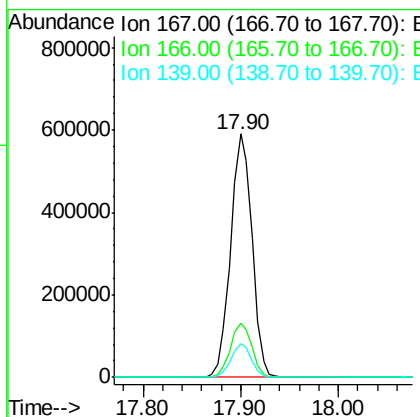
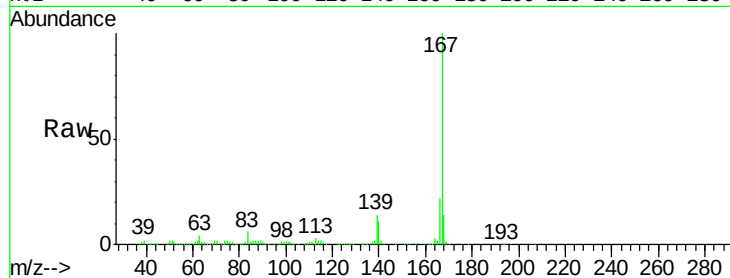
ClientSampleId :

FESB-23(3-3.5)MSD

Tot Ion:	167	Resp:	895056
Ion Ratio		Lower	Upper
167	100		
166	22.4	18.2	27.4
139	14.0	10.8	16.2

Manual Integrations
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#74

Di-n-butylphthalate

Concen: 44.157 ng

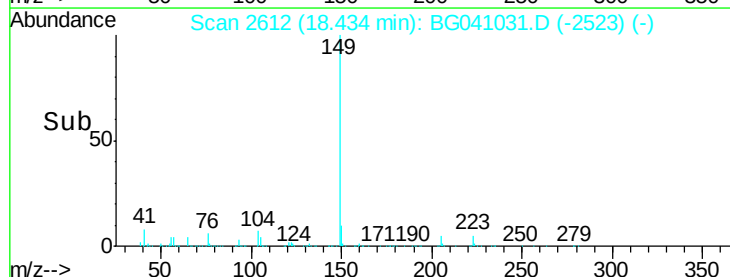
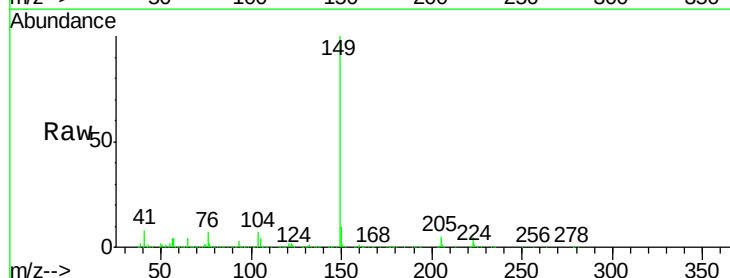
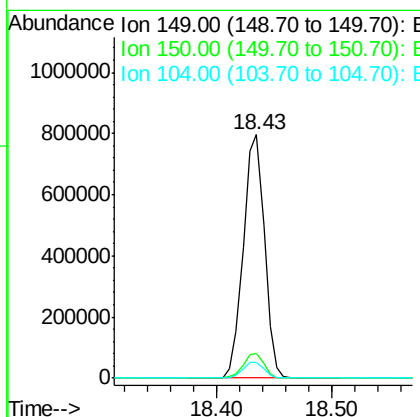
RT: 18.43 min Scan# 2612

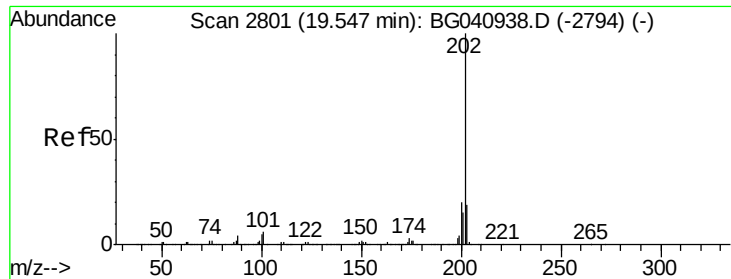
Delta R.T. -0.01 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

Tgt Ion:	149	Resp:	1011451
Ion Ratio		Lower	Upper
149	100		
150	10.0	7.4	11.2
104	6.6	5.0	7.4





#75

Fluoranthene

Concen: 46.563 ng

RT: 19.54 min Scan# 2800

Delta R.T. -0.01 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

Instrument :

BNA_G

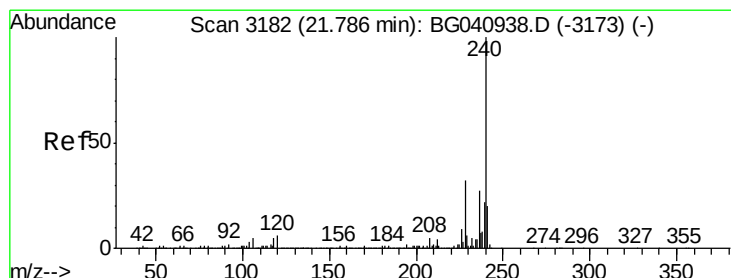
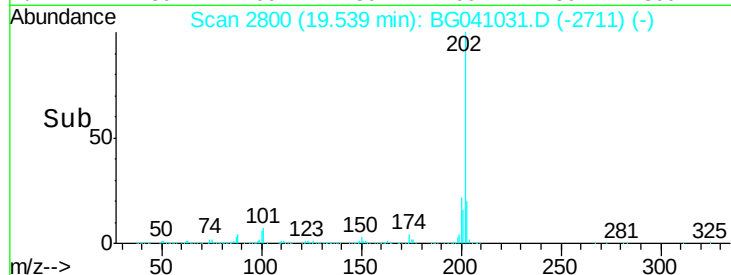
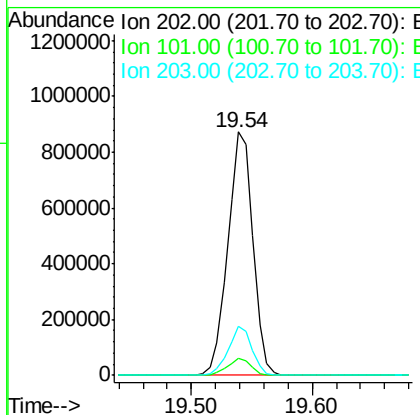
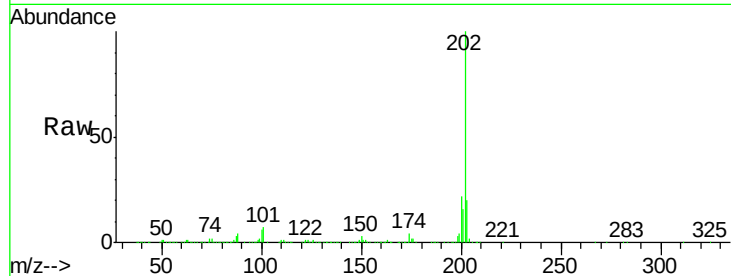
ClientSampleId :

FESB-23(3-3.5)MSD

Tot Ion:	202	Resp:	1252503
Ion Ratio	Lower	Upper	
202	100		
101	6.9	0.0	26.2
203	20.1	0.0	38.7

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#76

Chrysene-d12

Concen: 20.000 ng

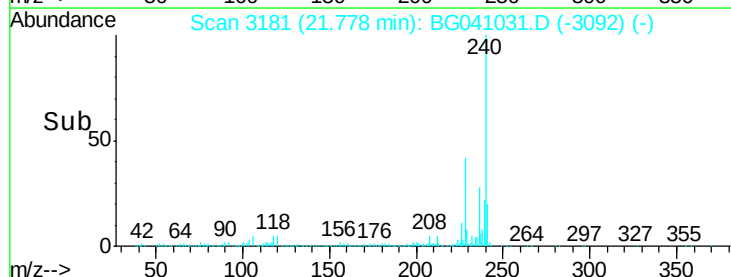
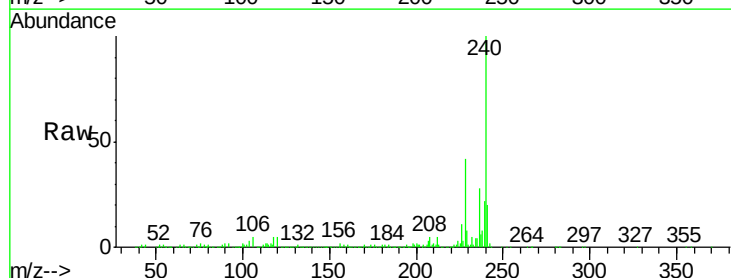
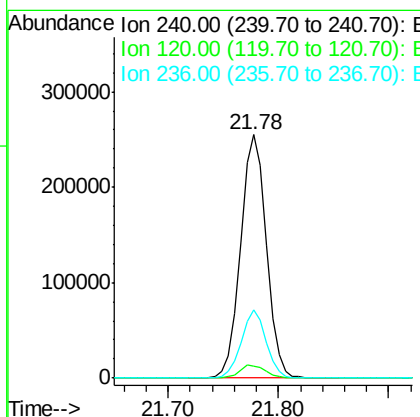
RT: 21.78 min Scan# 3181

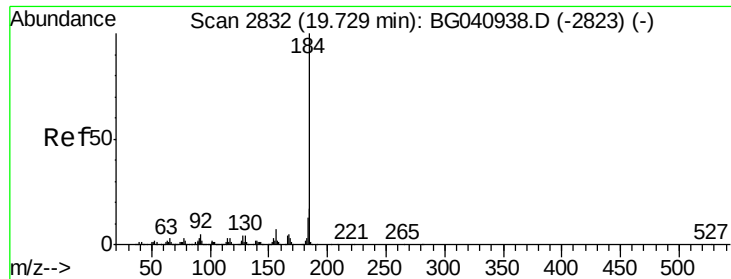
Delta R.T. -0.01 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

Tgt Ion:	240	Resp:	417414
Ion Ratio	Lower	Upper	
240	100		
120	4.8	4.5	6.7
236	27.9	21.3	31.9





#77

Benzidine

Concen: 10.322 ng

RT: 19.72 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

Instrument :

BNA_G

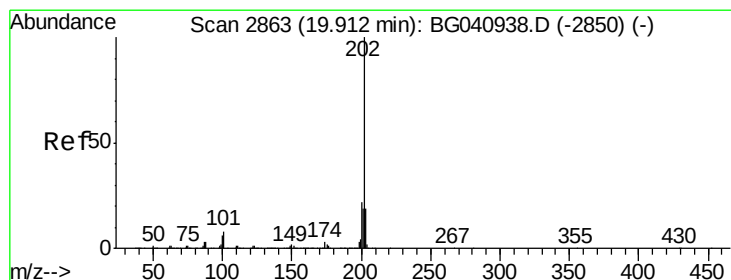
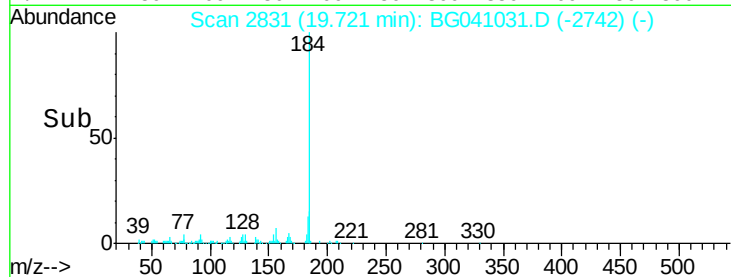
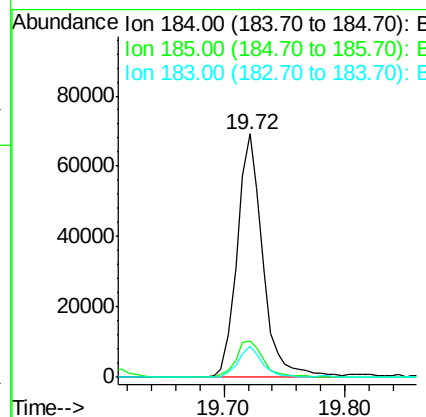
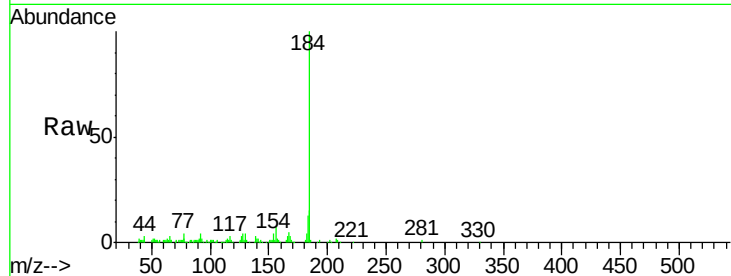
ClientSampleId :

FESB-23(3-3.5)MSD

Tot Ion:	184	Resp:	102786
Ion Ratio	Lower	Upper	
184	100		
185	15.1	13.3	19.9
183	12.8	10.7	16.1

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#78

Pyrene

Concen: 46.431 ng

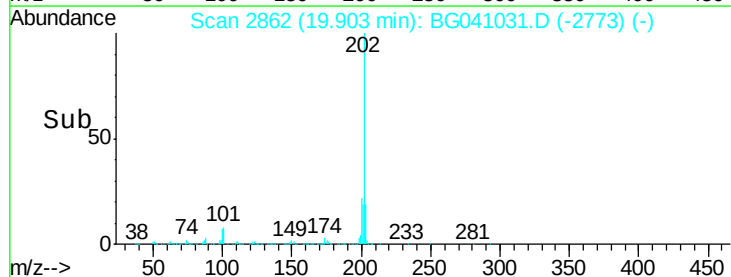
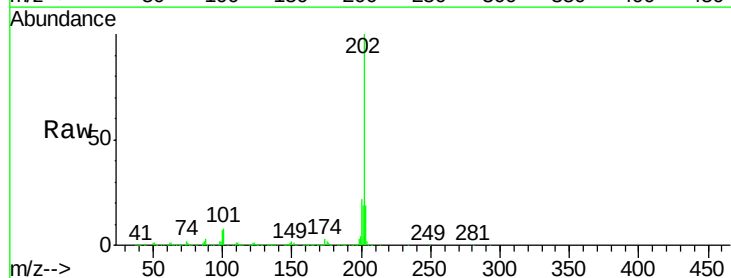
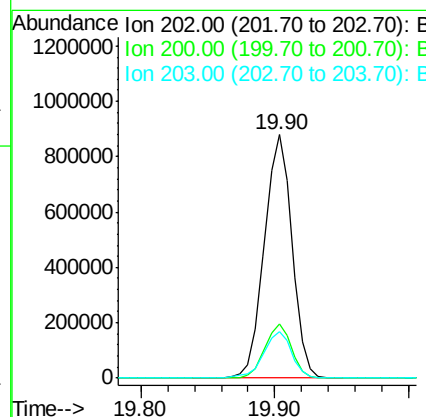
RT: 19.90 min Scan# 2862

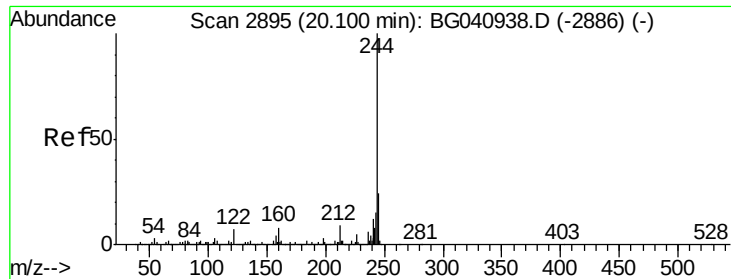
Delta R.T. -0.01 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

Tgt Ion:	202	Resp:	1259896
Ion Ratio	Lower	Upper	
202	100		
200	22.3	17.5	26.3
203	19.1	15.6	23.4





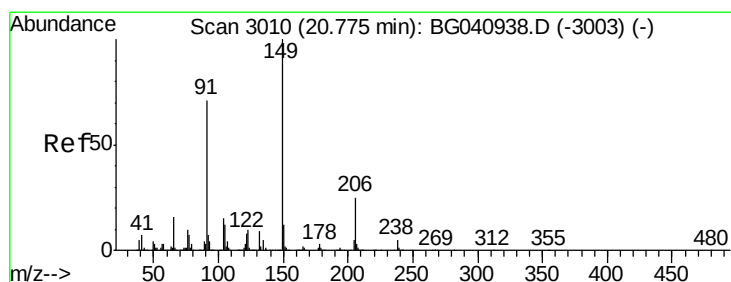
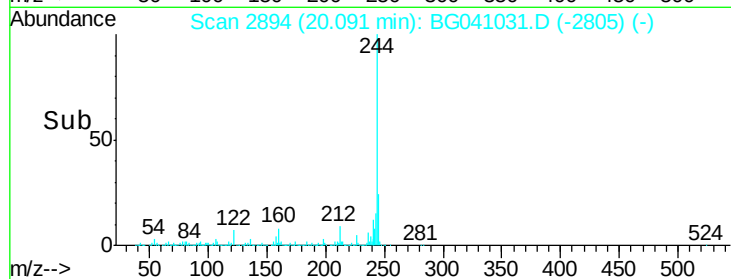
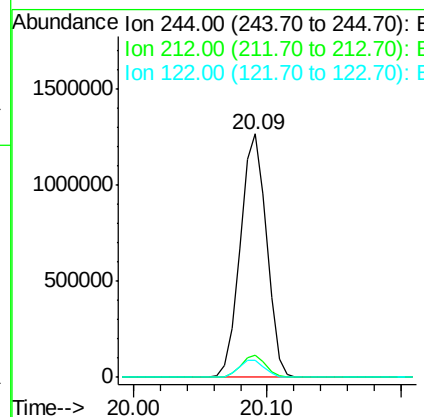
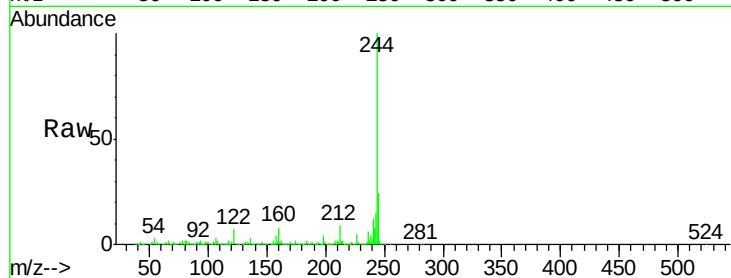
#79
 Terphenyl-d14
 Concen: 87.751 ng
 RT: 20.09 min Scan# 2894
 Delta R.T. -0.01 min
 Lab File: BG041031.D
 Acq: 3 Jun 2019 13:05

Instrument :
 BNA_G
 ClientSampleId :
 FESB-23(3-3.5)MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.0	10.4
122	7.2	5.4	8.0

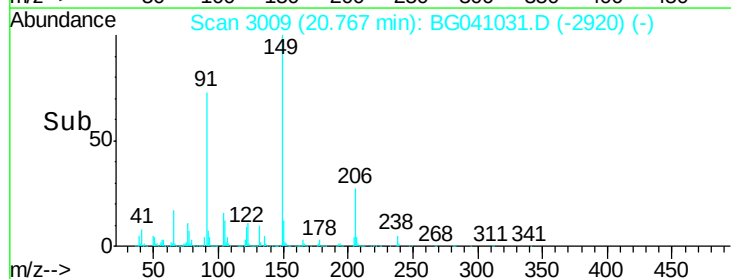
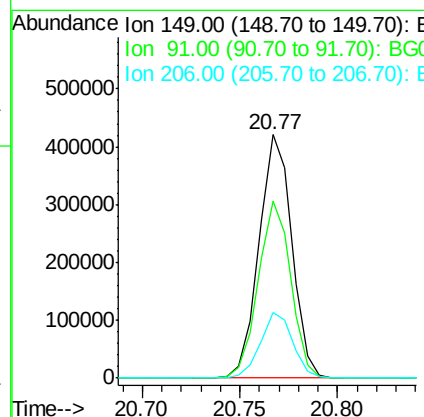
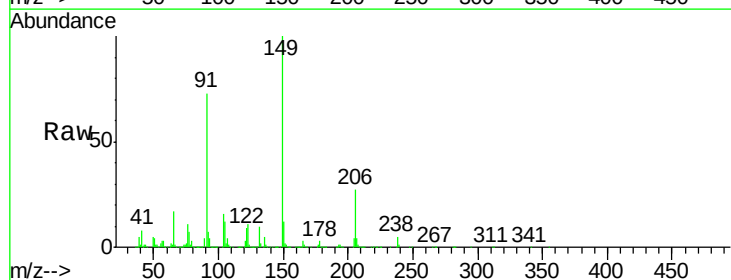
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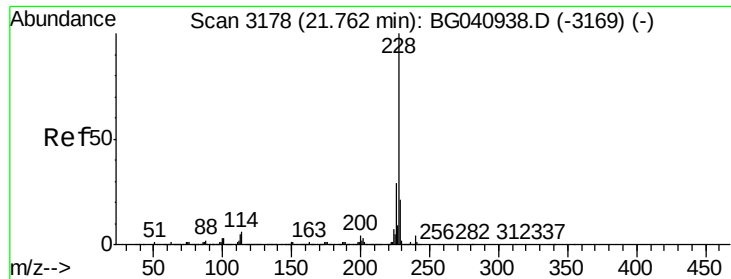
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#80
 Butylbenzylphthalate
 Concen: 46.397 ng
 RT: 20.77 min Scan# 3009
 Delta R.T. -0.01 min
 Lab File: BG041031.D
 Acq: 3 Jun 2019 13:05

Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.6	56.5	84.7
206	27.0	20.3	30.5





#81

Benzo(a)anthracene

Concen: 44.707 ng

RT: 21.75 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

Instrument :

BNA_G

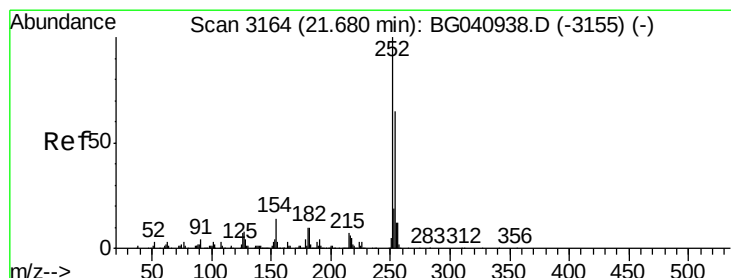
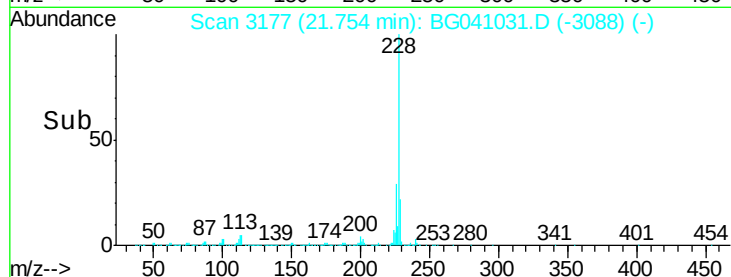
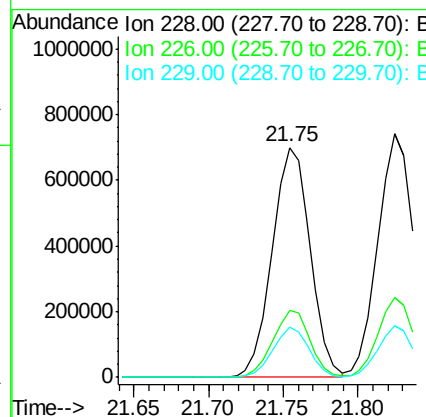
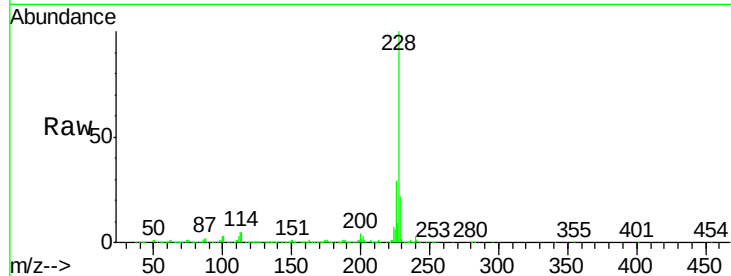
ClientSampleId :

FESB-23(3-3.5)MSD

Tot Ion:	228	Resp:	1242223
Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.5	35.3
229	21.9	16.7	25.1

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 18.744 ng

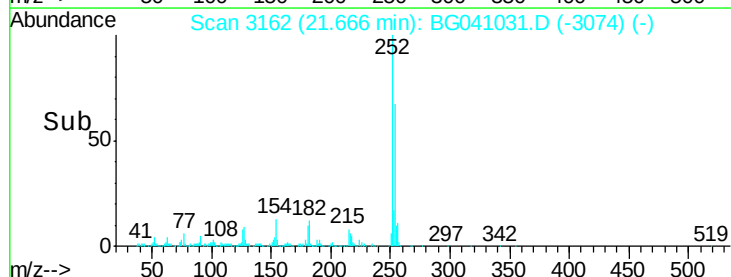
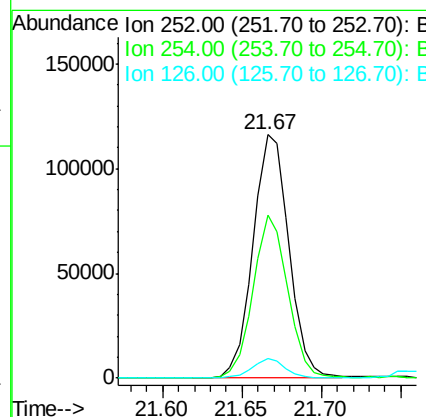
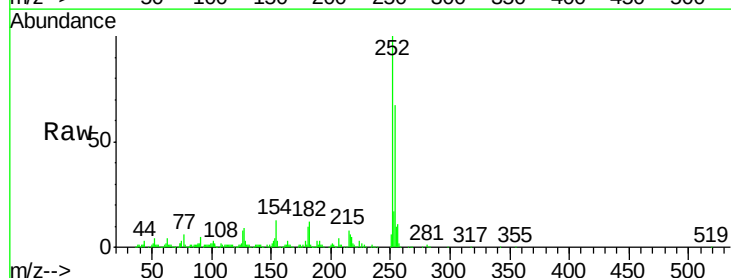
RT: 21.67 min Scan# 3162

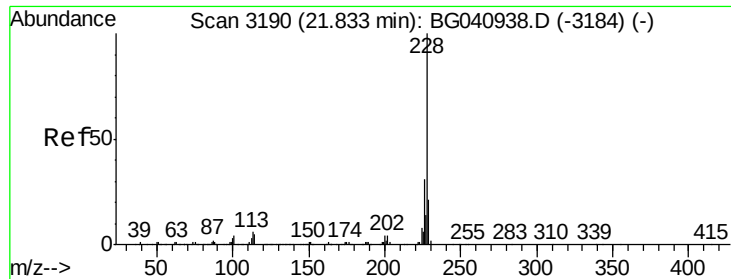
Delta R.T. -0.01 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

Tgt Ion:	252	Resp:	183185
Ion	Ratio	Lower	Upper
252	100		
254	67.1	52.1	78.1
126	8.2	5.5	8.3





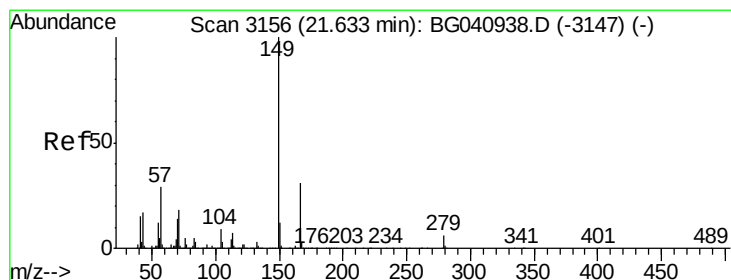
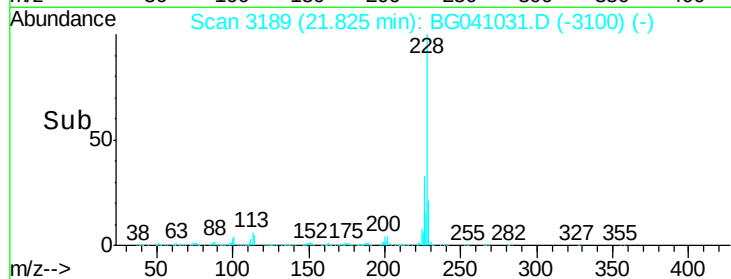
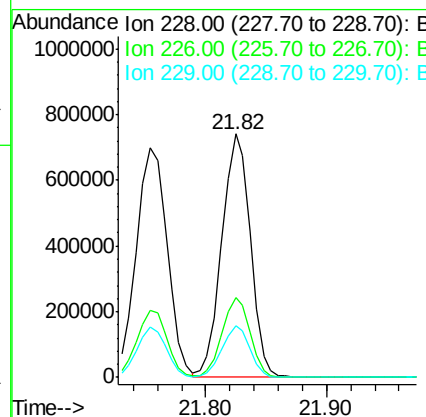
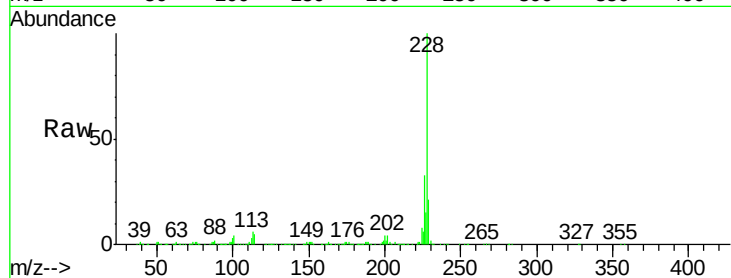
#83
 Chrysene
 Concen: 45.440 ng
 RT: 21.82 min Scan# 3189
 Delta R.T. -0.01 min
 Lab File: BG041031.D
 Acq: 3 Jun 2019 13:05

Instrument :
 BNA_G
 ClientSampleId :
 FESB-23(3-3.5)MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.0	24.6	37.0
229	21.3	16.6	24.8

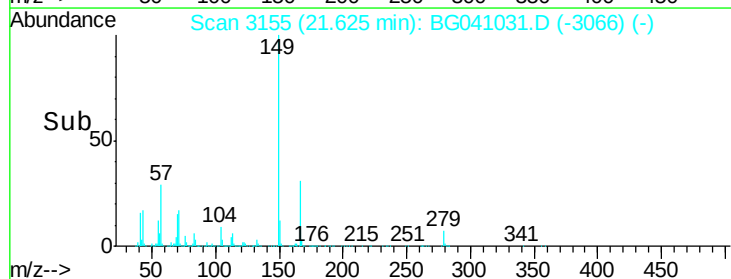
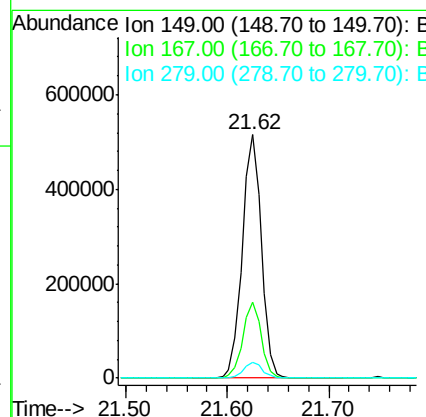
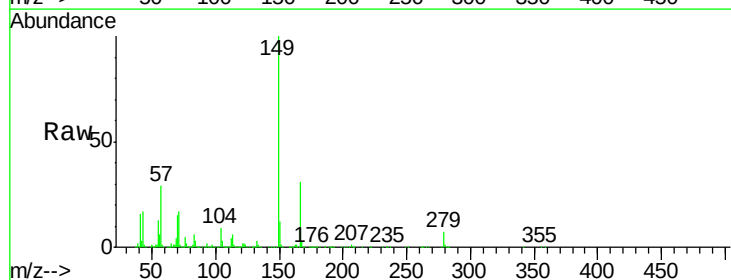
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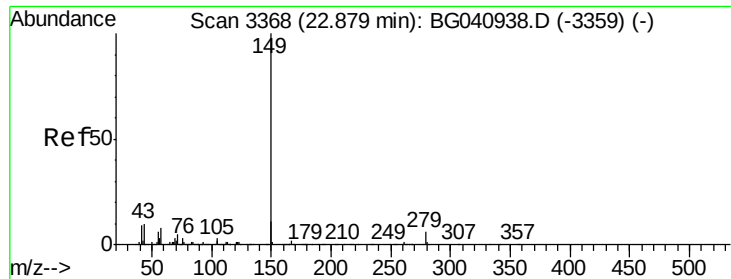
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.295 ng
 RT: 21.62 min Scan# 3155
 Delta R.T. -0.01 min
 Lab File: BG041031.D
 Acq: 3 Jun 2019 13:05

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.0	24.6	37.0
279	6.6	5.0	7.6





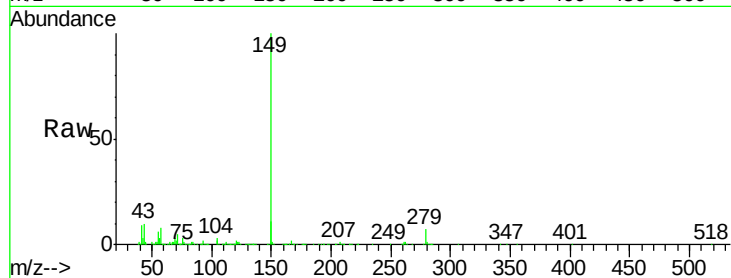
#85
Di-n-octyl phthalate
Concen: 45.970 ng
RT: 22.87 min Scan# 3367
Delta R.T. -0.01 min
Lab File: BG041031.D
Acq: 3 Jun 2019 13:05

Instrument :
BNA_G
ClientSampleId :
FESB-23(3-3.5)MSD

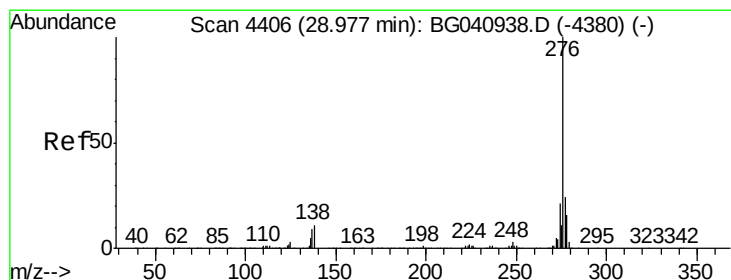
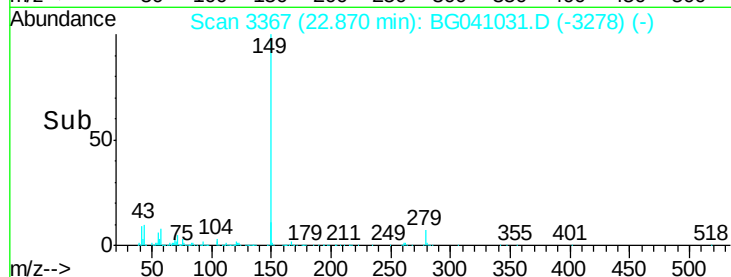
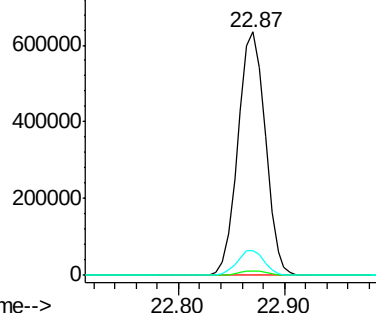
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	10.3	8.1	12.1

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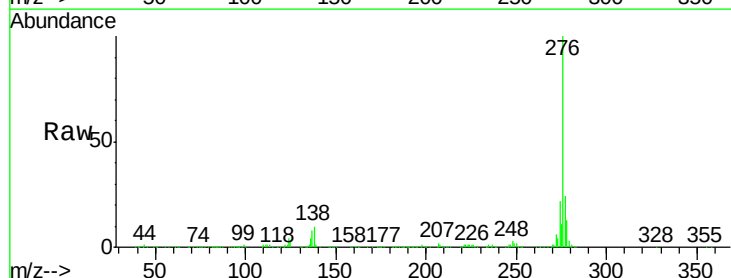


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

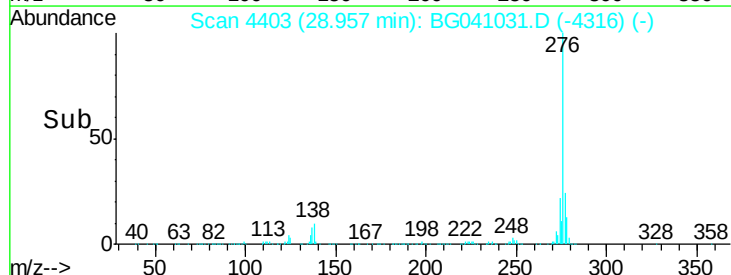
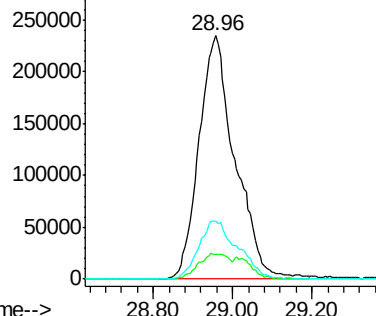


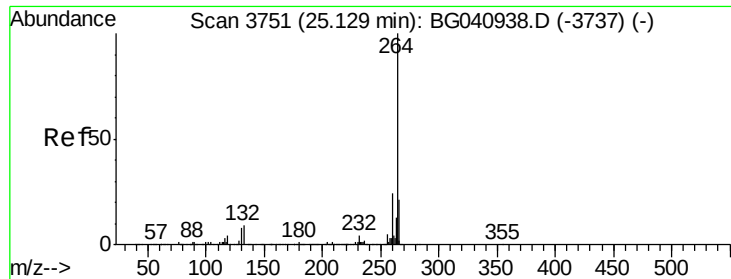
#86
Indeno(1,2,3-cd)pyrene
Concen: 45.642 ng
RT: 28.96 min Scan# 4403
Delta R.T. -0.02 min
Lab File: BG041031.D
Acq: 3 Jun 2019 13:05

Tgt Ion	Ratio	Lower	Upper
276	100		
138	5.3	5.7	8.5#
277	25.7	20.8	31.2



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





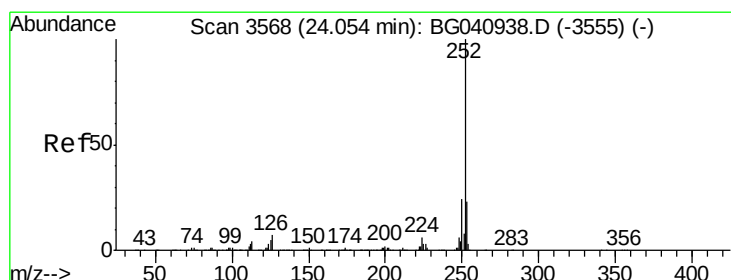
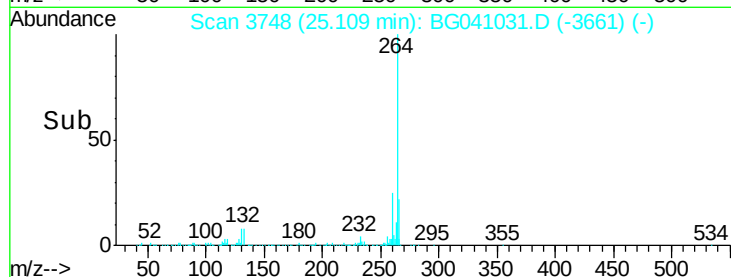
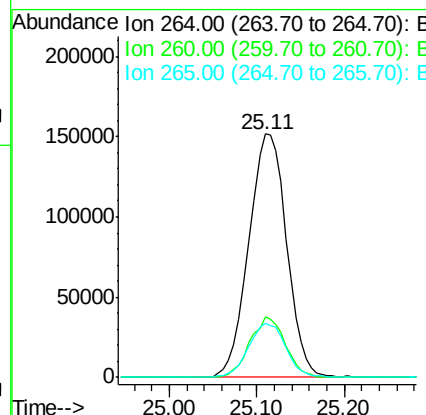
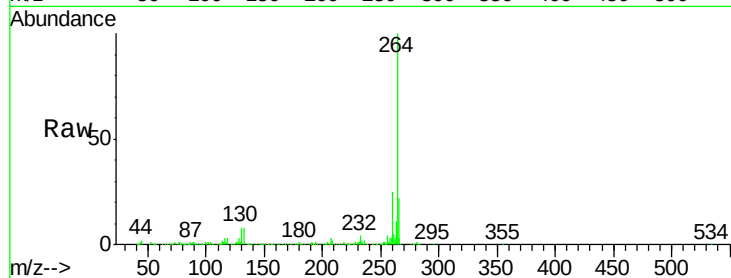
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.11 min Scan# 3748
Delta R.T. -0.02 min
Lab File: BG041031.D
Acq: 3 Jun 2019 13:05

Instrument :
BNA_G
ClientSampleId :
FESB-23(3-3.5)MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.0	28.4
265	22.3	17.0	25.4

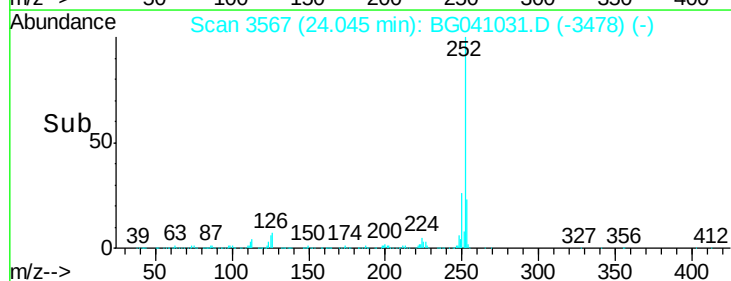
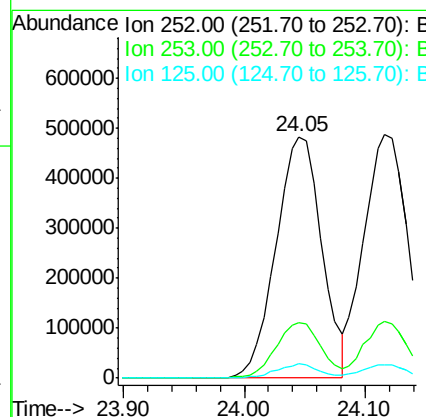
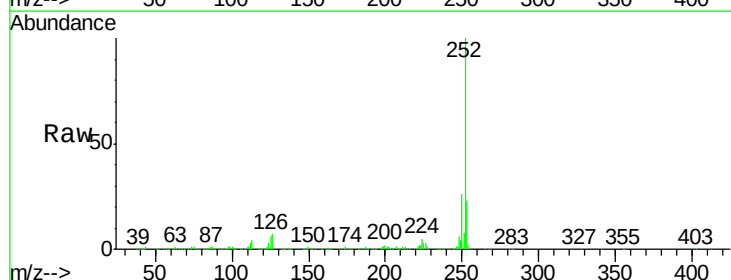
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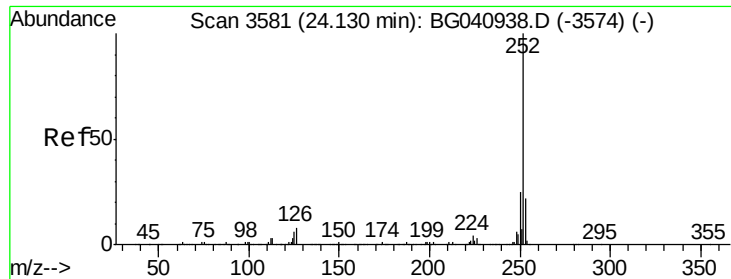
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#88
Benzo(b)fluoranthene
Concen: 46.626 ng
RT: 24.05 min Scan# 3567
Delta R.T. -0.01 min
Lab File: BG041031.D
Acq: 3 Jun 2019 13:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.4	27.6
125	6.0	4.3	6.5





#89

Benzo(k)fluoranthene

Concen: 45.488 ng

RT: 24.12 min Scan# 3579

Delta R.T. -0.01 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

Instrument :

BNA_G

ClientSampleId :

FESB-23(3-3.5)MSD

Tot Ion:252 Resp: 1219454

Ion Ratio Lower Upper

252 100

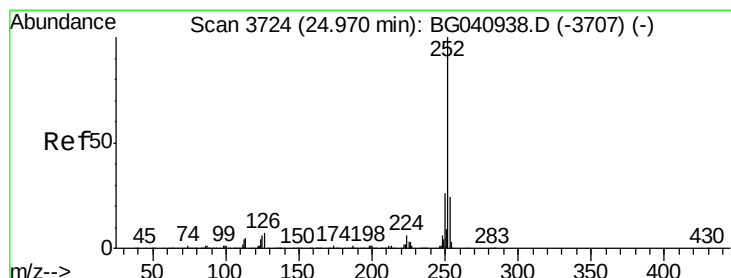
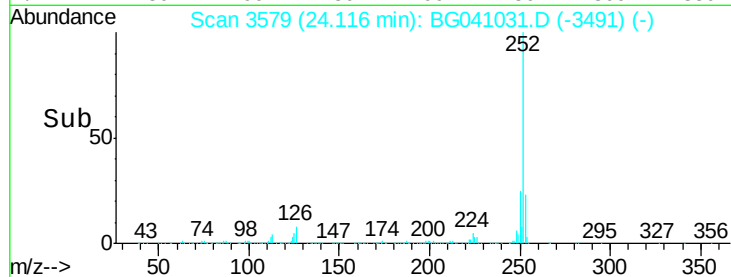
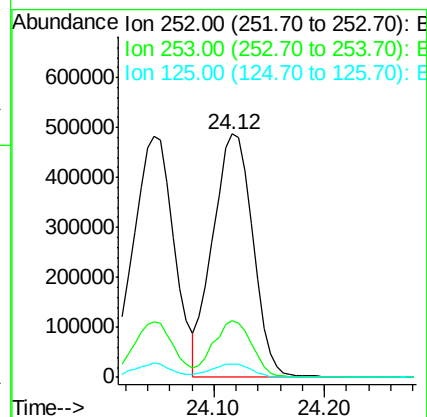
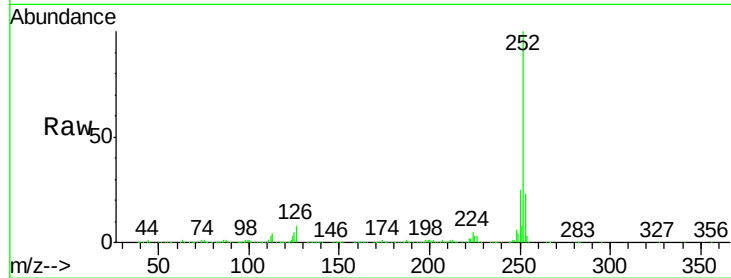
253 23.5 17.8 26.6

125 5.5 4.7 7.1

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#90

Benzo(a)pyrene

Concen: 47.491 ng

RT: 24.96 min Scan# 3722

Delta R.T. -0.01 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

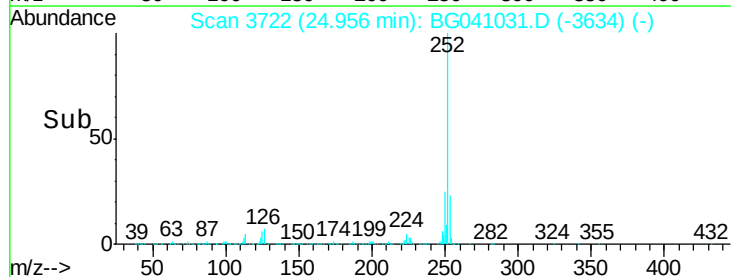
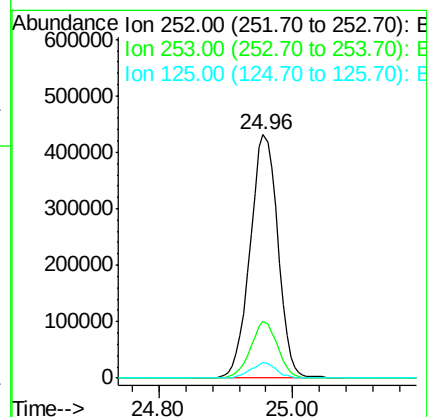
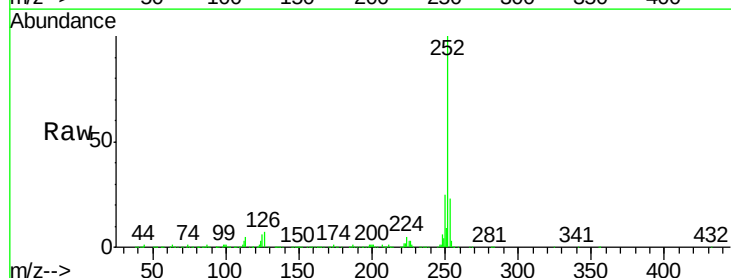
Tgt Ion:252 Resp: 1227465

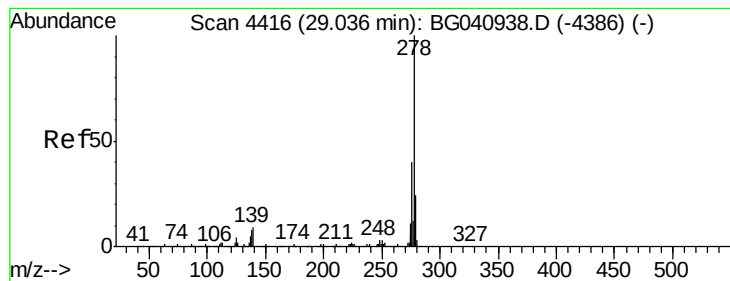
Ion Ratio Lower Upper

252 100

253 23.2 19.5 29.3

125 6.3 5.1 7.7





#91

Dibenzo(a,h)anthracene

Concen: 47.229 ng

RT: 29.02 min Scan# 4414

Delta R.T. -0.01 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

Instrument :

BNA_G

ClientSampleId :

FESB-23(3-3.5)MSD

Tot Ion:278 Resp: 1219753

Ion Ratio Lower Upper

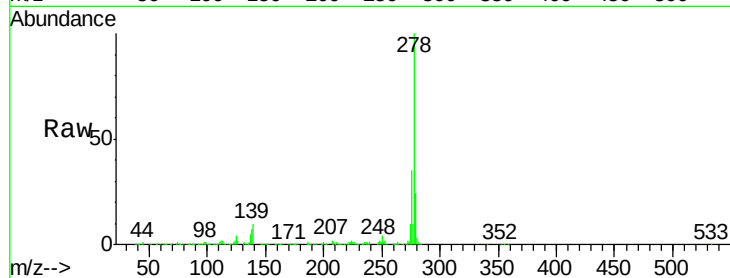
278 100

139 10.2 7.1 10.7

279 24.0 19.4 29.2

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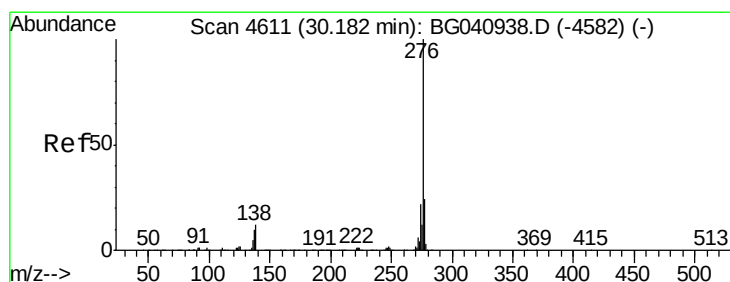
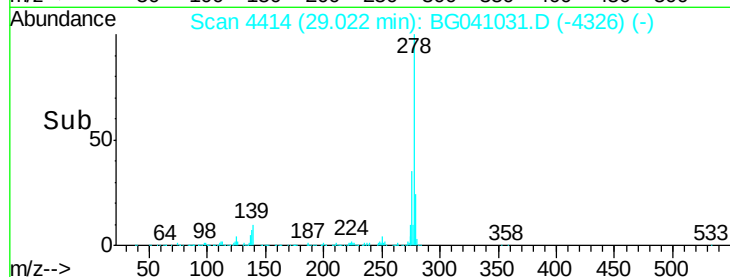
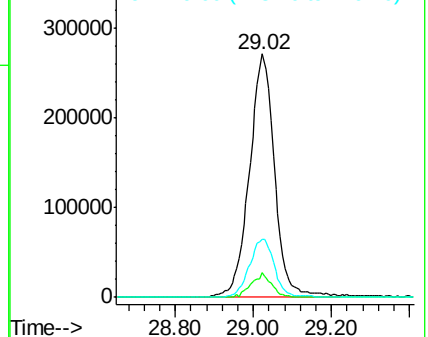
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Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 48.444 ng

RT: 30.16 min Scan# 4608

Delta R.T. -0.02 min

Lab File: BG041031.D

Acq: 3 Jun 2019 13:05

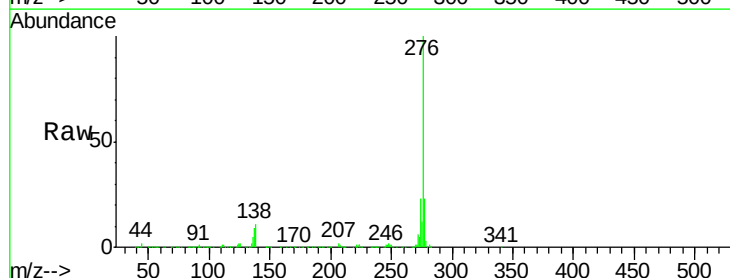
Tgt Ion:276 Resp: 1215485

Ion Ratio Lower Upper

276 100

277 23.3 19.4 29.0

138 10.9 9.7 14.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

