

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060319\
 Data File : BG041030.D
 Acq On : 3 Jun 2019 12:27
 Operator : HP/JU
 Sample : K3010-04MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

mohammad
 6/5/2019 8:35:20 AM

Quant Time: Jun 03 17:36:04 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	54652	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	216085	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	156850	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	389666	20.00	ng	0.00
76) Chrysene-d12	21.78	240	398682	20.00	ng	0.00
87) Perylene-d12	25.11	264	421927	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	439520	145.02	ng	0.00
7) Phenol-d6	7.26	99	636489	135.98	ng	0.00
23) Nitrobenzene-d5	9.30	82	443270	91.07	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	323658	139.00	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	959912	88.13	ng	0.00
79) Terphenyl-d14	20.09	244	1645446	87.59	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.52	88	50075	36.410	ng	91
3) Pyridine	3.93	79	87867	21.591	ng	98
4) n-Nitrosodimethylamine	3.84	42	83979	44.464	ng	95
6) Aniline	7.45	93	137577	22.020	ng	100
8) 2-Chlorophenol	7.68	128	161087	44.582	ng	96
9) Benzaldehyde	7.26	77	101931	36.505	ng	87
10) Phenol	7.29	94	232256	46.278	ng	98
11) bis(2-Chloroethyl)ether	7.53	93	153107	42.053	ng	100
12) 1,3-Dichlorobenzene	8.00	146	176710	40.947	ng	99
13) 1,4-Dichlorobenzene	8.16	146	178643	40.895	ng	97
14) 1,2-Dichlorobenzene	8.47	146	170617	40.226	ng	98
15) Benzyl Alcohol	8.36	79	189601	43.789	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.64	45	242395	40.743	ng	97
17) 2-Methylphenol	8.55	107	155243	42.722	ng	98
18) Hexachloroethane	9.20	117	68738	40.827	ng	98
19) n-Nitroso-di-n-propylamine	8.92	70	148267	41.161	ng	97
20) 3+4-Methylphenols	8.88	107	213217	42.360	ng	97
22) Acetophenone	8.95	105	279926	46.181	ng	98
24) Nitrobenzene	9.34	77	229644	46.296	ng	98
25) Isophorone	9.86	82	417653	45.087	ng	99
26) 2-Nitrophenol	10.06	139	97306	47.584	ng	91
27) 2,4-Dimethylphenol	10.09	122	163933	48.539	ng	95
28) bis(2-Chloroethoxy)methane	10.34	93	219066	43.817	ng	97
29) 2,4-Dichlorophenol	10.58	162	198925	46.383	ng	96
30) 1,2,4-Trichlorobenzene	10.80	180	209256	42.890	ng	93
31) Naphthalene	11.00	128	522946	45.075	ng	99
32) Benzoic acid	10.20	122	52021	24.584	ng	96
33) 4-Chloroaniline	11.10	127	100221	18.618	ng	94
34) Hexachlorobutadiene	11.25	225	156525	41.929	ng	99
35) Caprolactam	11.89	113	59746m	42.186	ng	
36) 4-Chloro-3-methylphenol	12.21	107	217930	44.493	ng	96
37) 2-Methylnaphthalene	12.59	142	387917	43.413	ng	99
38) 1-Methylnaphthalene	12.80	142	370070	43.950	ng	# 100
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	285071	45.093	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	298991	87.160	nq	94
43) 2,4,6-Trichlorophenol	13.19	196	190674	46.623	nq	97
44) 2,4,5-Trichlorophenol	13.26	196	202242	46.889	nq	99
46) 1,1'-Biphenyl	13.59	154	522387	44.993	nq	98
47) 2-Chloronaphthalene	13.63	162	431375	43.279	nq	99
48) 2-Nitroaniline	13.84	65	161089	45.050	nq	96
49) Acenaphthylene	14.48	152	672599	44.836	nq	99
50) Dimethylphthalate	14.20	163	696045	52.423	nq	99
51) 2,6-Dinitrotoluene	14.33	165	129002	45.063	nq	97
52) Acenaphthene	14.81	154	391482	43.078	nq	95
53) 3-Nitroaniline	14.66	138	86282	30.141	nq	95
54) 2,4-Dinitrophenol	14.86	184	93044	67.272	nq	96
55) Dibenzofuran	15.15	168	674537	44.112	nq	99
56) 4-Nitrophenol	14.96	139	196429	100.040	nq	92
57) 2,4-Dinitrotoluene	15.11	165	184879	45.719	nq	99
58) Fluorene	15.80	166	532373	43.716	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.37	232	200976	47.414	nq	100
60) Diethylphthalate	15.55	149	582662	43.001	nq	99
61) 4-Chlorophenyl-phenylether	15.78	204	342547	43.276	nq	97
62) 4-Nitroaniline	15.82	138	129933	42.874	nq	93
63) Azobenzene	16.07	77	536290	43.546	nq	97
65) 4,6-Dinitro-2-methylphenol	15.87	198	94542	45.765	nq	98
66) n-Nitrosodiphenylamine	16.00	169	487666	44.520	nq	100
67) 4-Bromophenyl-phenylether	16.68	248	221254	42.074	nq	99
68) Hexachlorobenzene	16.79	284	230557	41.173	nq	99
69) Atrazine	16.94	200	211631	50.071	nq	98
70) Pentachlorophenol	17.14	266	272050	90.122	nq	97
71) Phenanthrene	17.54	178	903502	44.514	nq	98
72) Anthracene	17.63	178	920459	45.981	nq	99
73) Carbazole	17.90	167	825273	48.046	nq	99
74) Di-n-butylphthalate	18.43	149	932549	43.682	nq	99
75) Fluoranthene	19.54	202	1154815	46.063	nq	99
77) Benzidine	19.72	184	140539	14.777	nq	96
78) Pyrene	19.90	202	1164905	44.948	nq	99
80) Butylbenzylphthalate	20.77	149	447584	44.378	nq	99
81) Benzo(a)anthracene	21.75	228	1139517	42.938	nq	100
82) 3,3'-Dichlorobenzidine	21.66	252	252574	27.059	nq	95
83) Chrysene	21.82	228	1108107	43.632	nq	97
84) Bis(2-ethylhexyl)phthalate	21.62	149	618724	43.579	nq	100
85) Di-n-octyl phthalate	22.87	149	1048586	44.345	nq	99
86) Indeno(1,2,3-cd)pyrene	28.95	276	1361172	43.753	nq	# 98
88) Benzo(b)fluoranthene	24.04	252	1158698	45.277	nq	99
89) Benzo(k)fluoranthene	24.12	252	1106382	43.688	nq	98
90) Benzo(a)pyrene	24.96	252	1144806	46.888	nq	96
91) Dibenzo(a,h)anthracene	29.02	278	1110067	45.501	nq	99
92) Benzo(g,h,i)perylene	30.16	276	1098508	46.347	nq	99

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

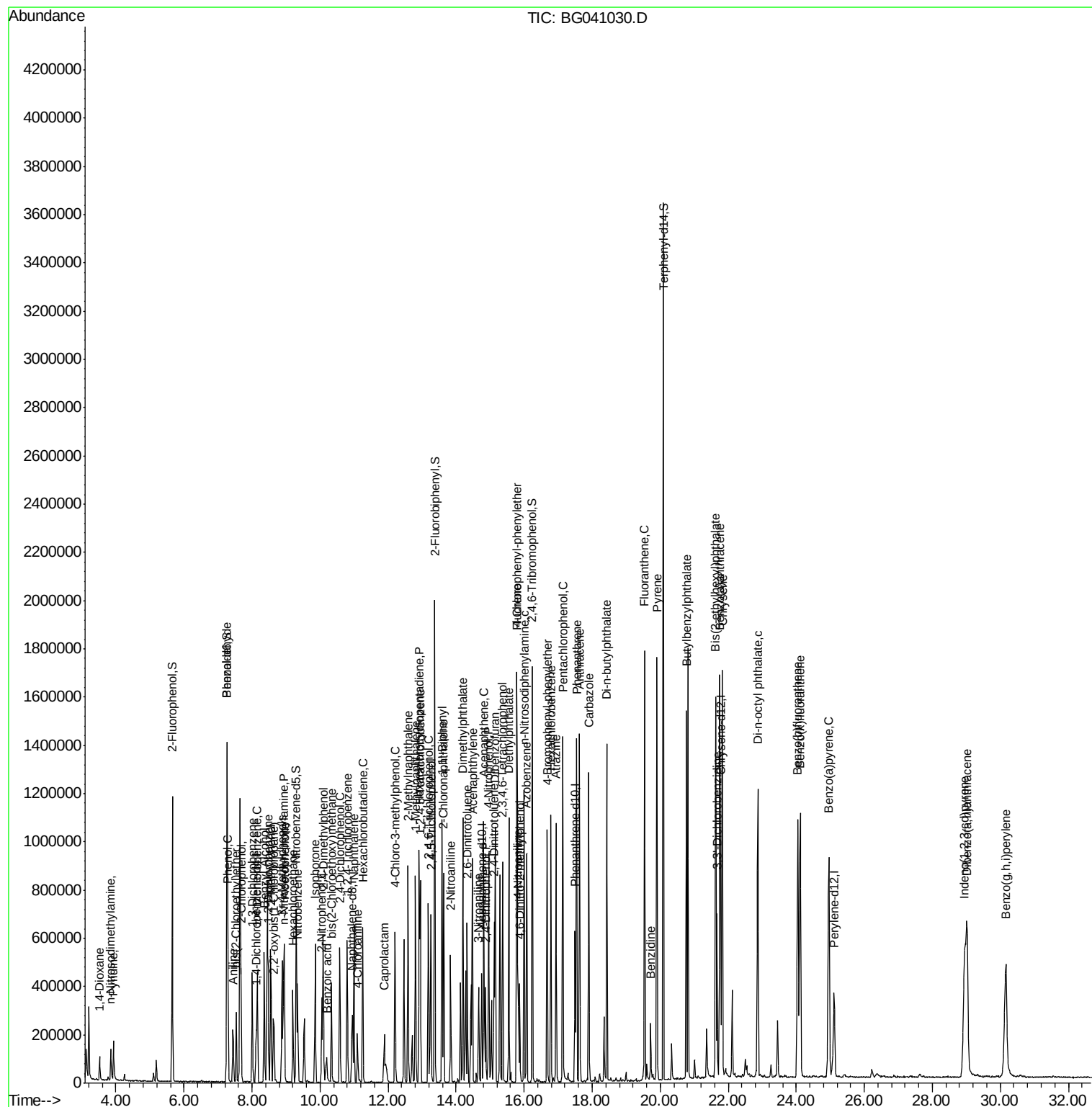
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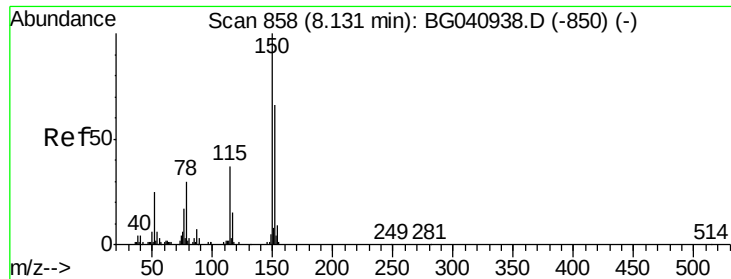
Instrument :
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#1

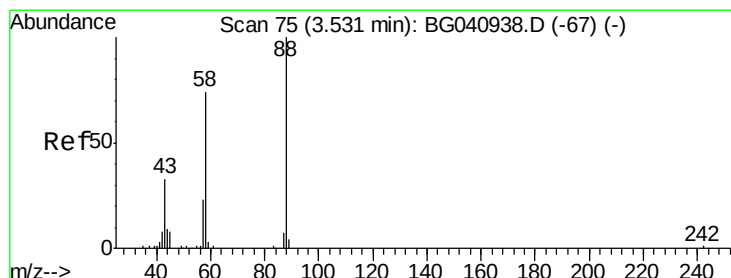
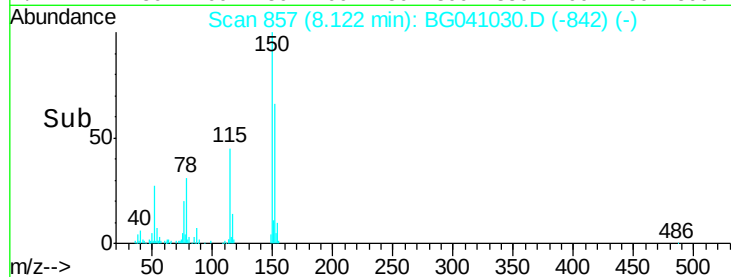
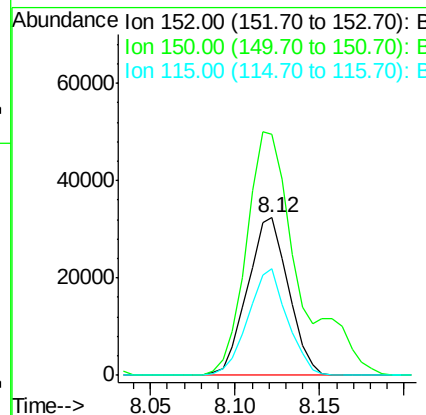
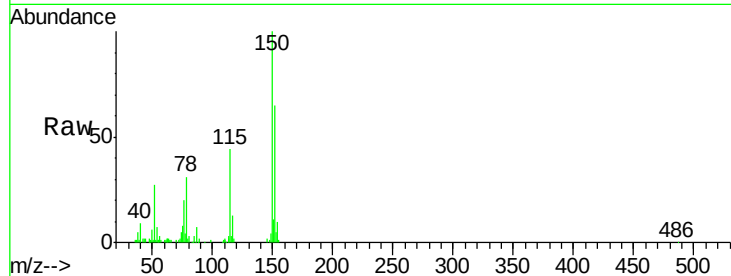
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 857
Delta R.T. -0.01 min
Lab File: BG041030.D
Acq: 3 Jun 2019 12:27

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.0	120.6	180.8
115	67.5	45.1	67.7

Manual Integrations
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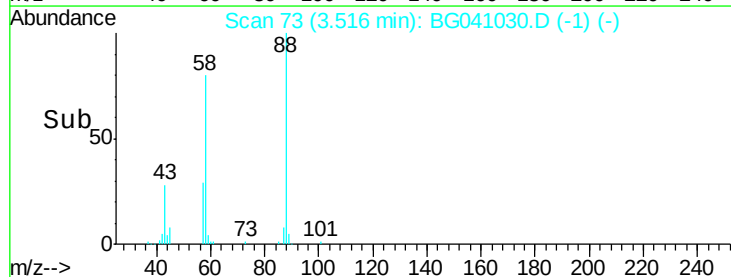
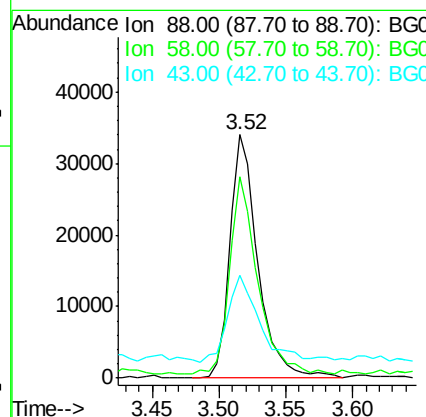
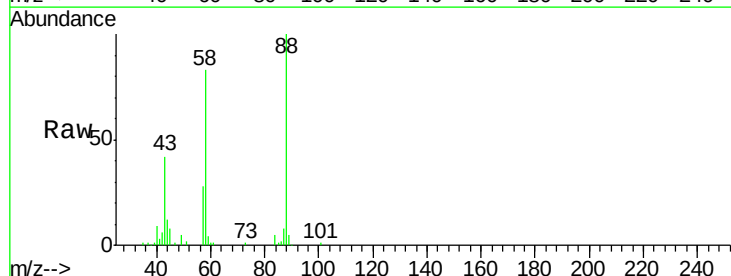
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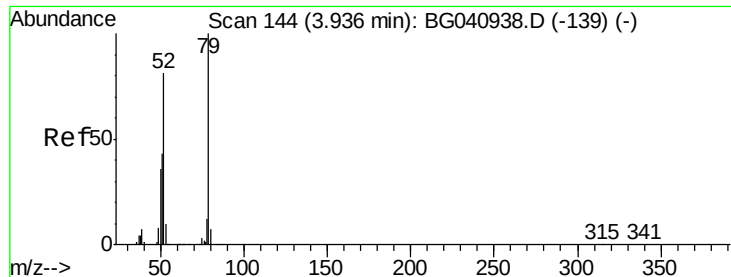


#2

1,4-Dioxane
Concen: 36.410 ng
RT: 3.52 min Scan# 73
Delta R.T. -0.02 min
Lab File: BG041030.D
Acq: 3 Jun 2019 12:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.1	59.0	88.6
43	40.4	27.2	40.8





#3

Pvridine

Concen: 21.591 ng

RT: 3.93 min Scan# 143

Delta R.T. -0.01 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

Instrument :

BNA_G

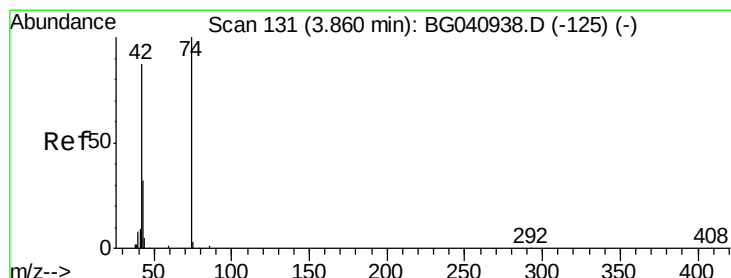
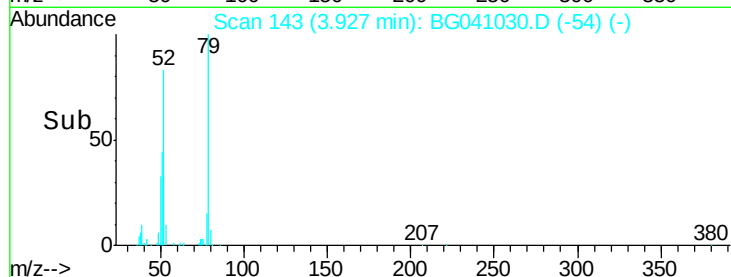
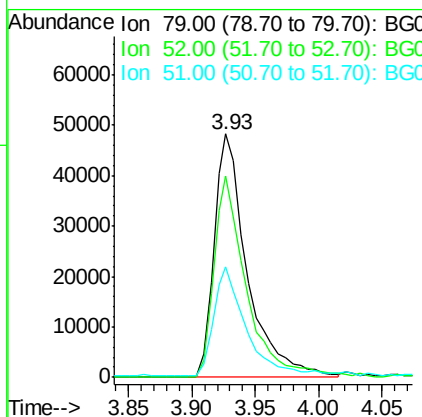
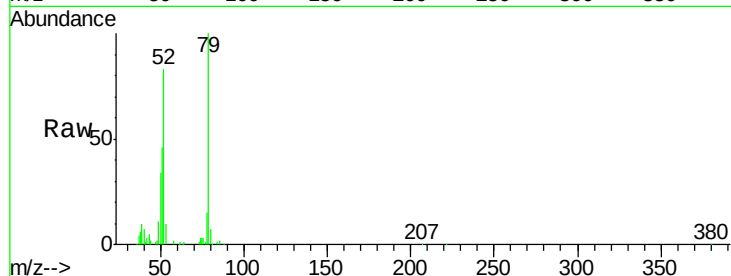
ClientSampleId :

FESB-23(3-3.5)MS

Tot Ion:	79	Resp:	87867
Ion	Ratio	Lower	Upper
79	100		
52	82.6	64.8	97.2
51	45.6	35.3	52.9

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 44.464 ng

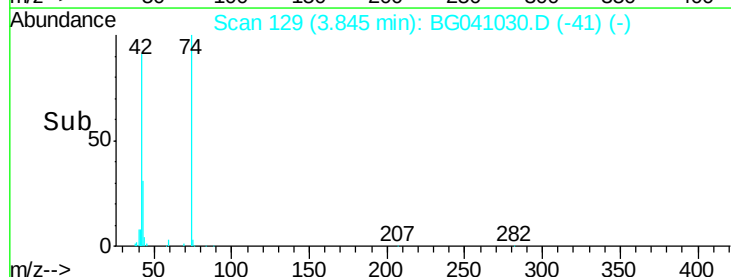
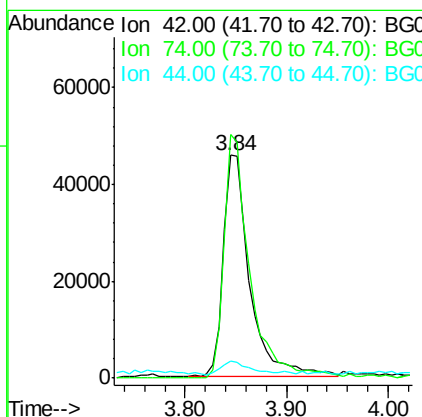
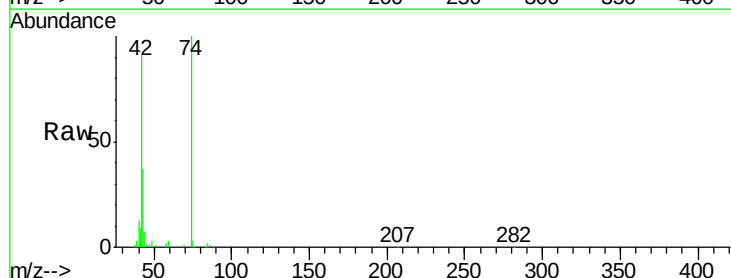
RT: 3.84 min Scan# 129

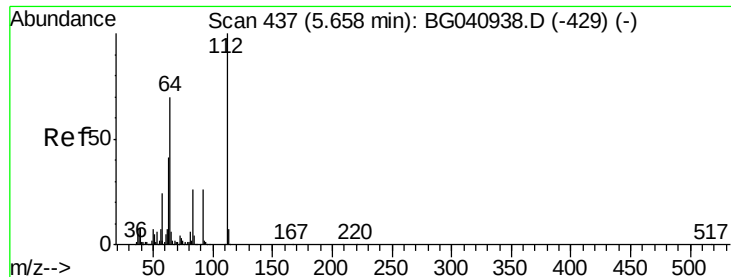
Delta R.T. -0.02 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

Tgt Ion:	42	Resp:	83979
Ion	Ratio	Lower	Upper
42	100		
74	109.3	91.8	137.6
44	7.4	6.0	9.0





#5

2-Fluorophenol

Concen: 145.017 ng

RT: 5.65 min Scan# 437

Delta R.T. -0.00 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

Instrument :

BNA_G

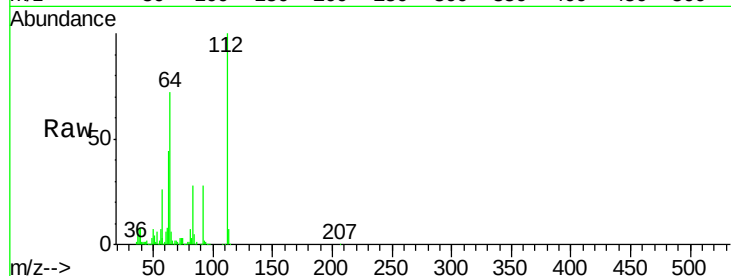
ClientSampleId :

FESB-23(3-3.5)MS

Tot Ion:	112	Resp:	439520
Ion Ratio	Lower	Upper	
112	100		
64	71.5	56.2	84.2
63	43.7	32.8	49.2

Manual Integrations
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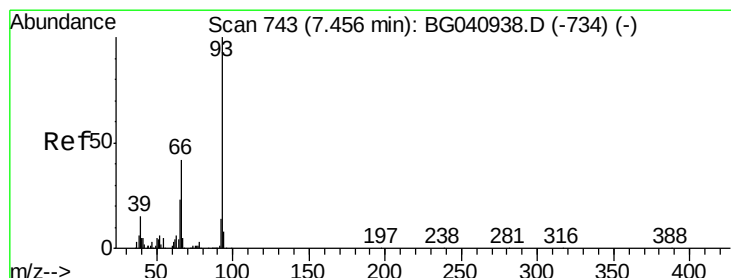
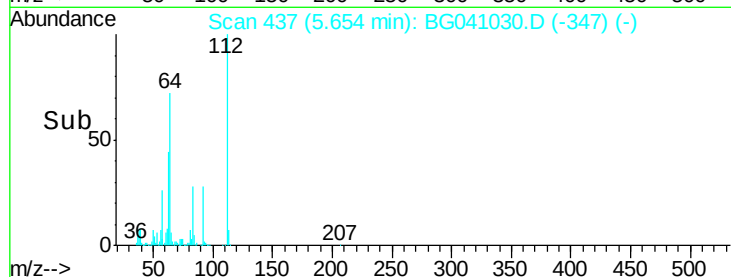
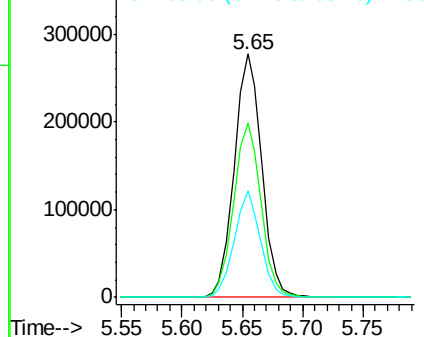
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Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 22.020 ng

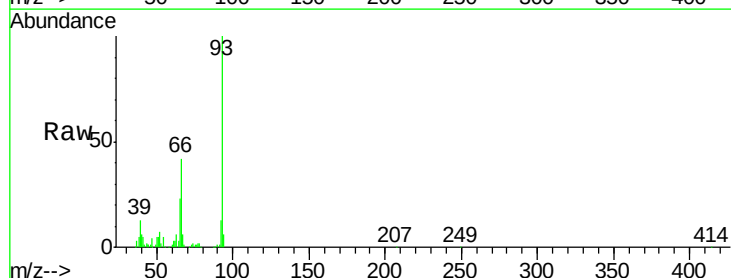
RT: 7.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

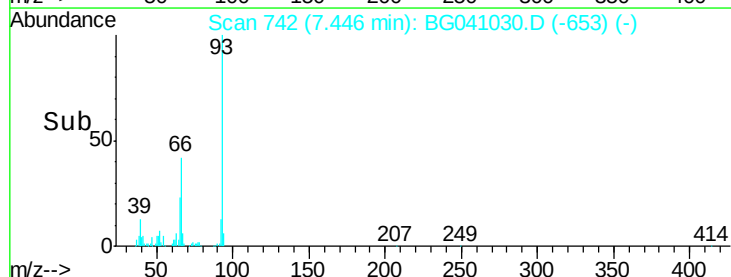
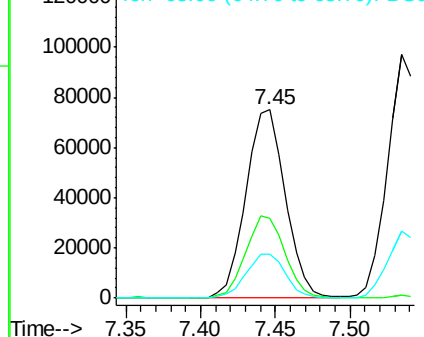
Tgt Ion:	93	Resp:	137577
Ion Ratio	Lower	Upper	
93	100		
66	42.2	33.8	50.8
65	23.3	18.3	27.5

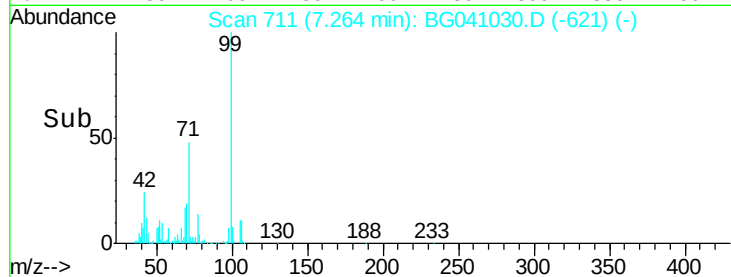
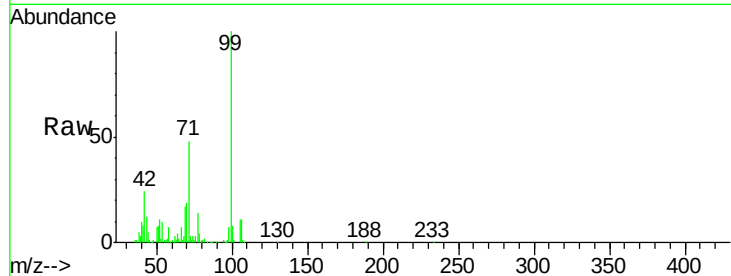
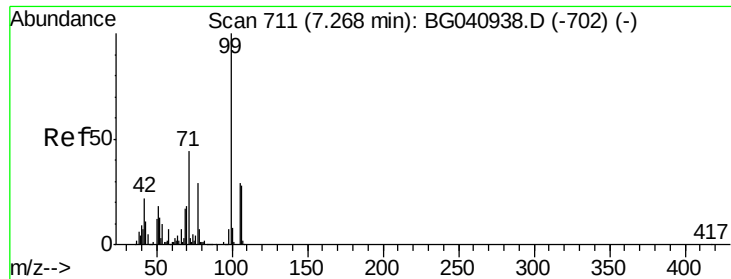


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 135.979 ng

RT: 7.26 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		636489		
42	23.7	17.9	26.9		
71	47.5	35.4	53.0		

Instrument :

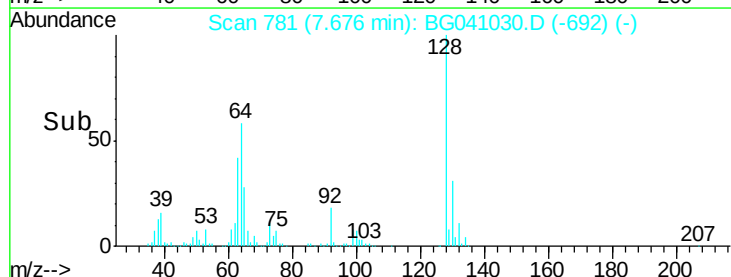
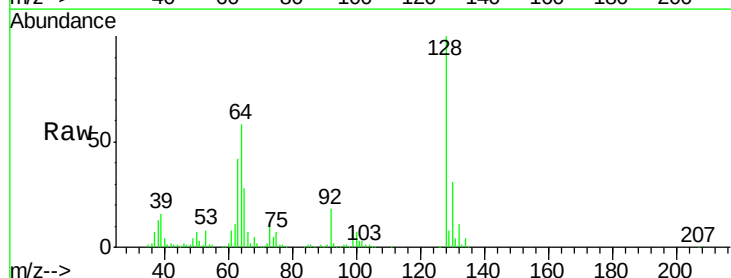
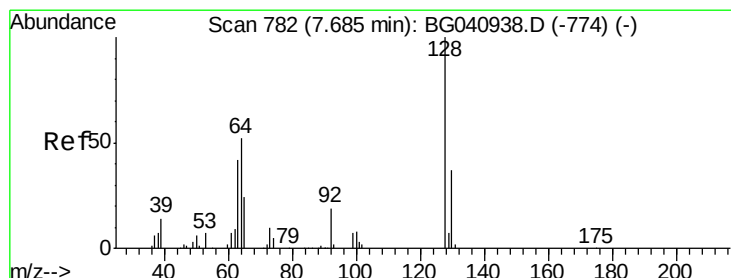
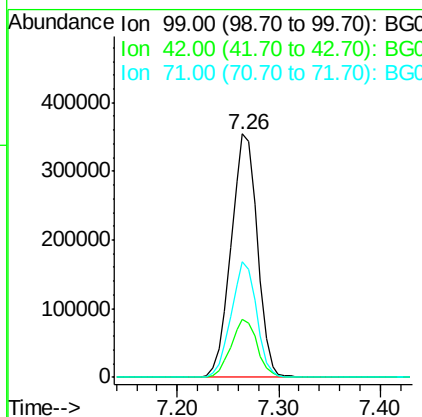
BNA_G

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#8

2-Chlorophenol

Concen: 44.582 ng

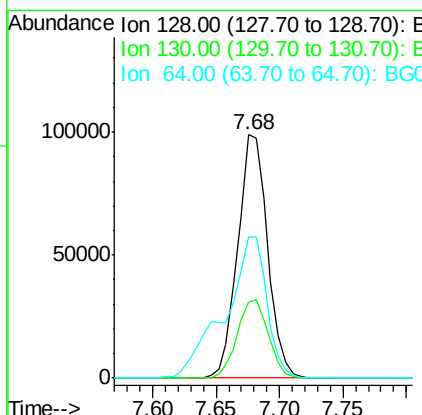
RT: 7.68 min Scan# 781

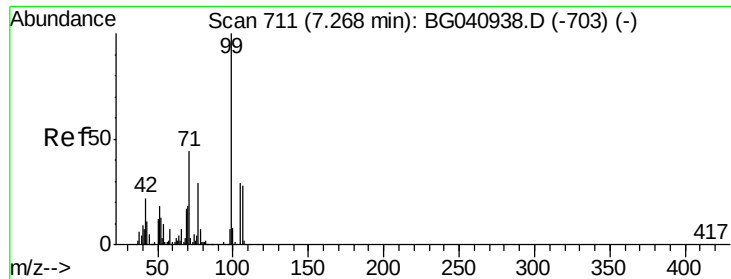
Delta R.T. -0.01 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		161087		
130	31.4	16.6	56.6		
64	58.1	37.8	77.8		





#9

Benzaldehyde

Concen: 36.505 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

Instrument :

BNA_G

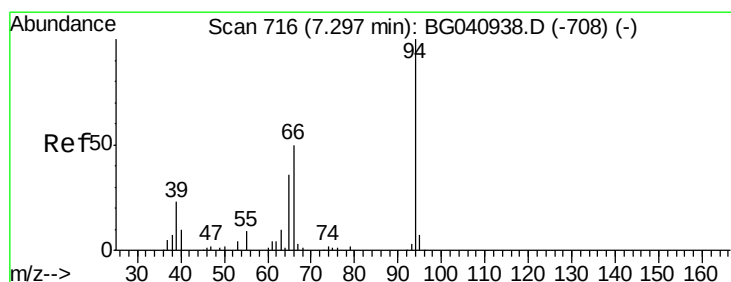
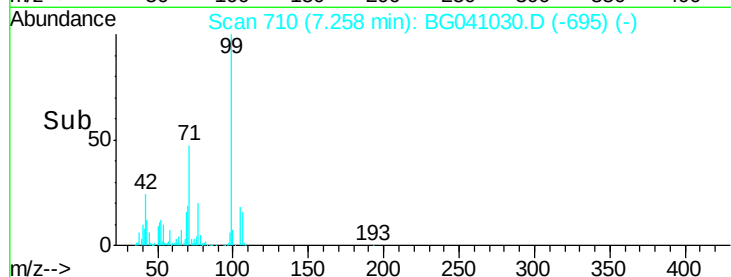
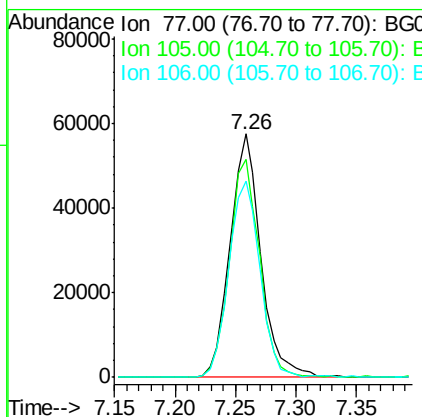
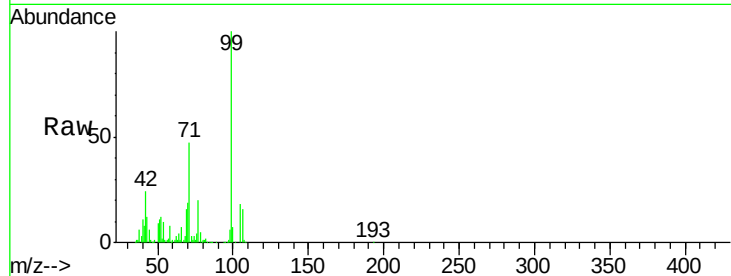
ClientSampleId :

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Tot Ion:	77	Resp:	101931
Ion Ratio	Lower	Upper	
77	100		
105	89.6	78.9	118.9
106	80.8	76.7	116.7

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#10

Phenol

Concen: 46.278 ng

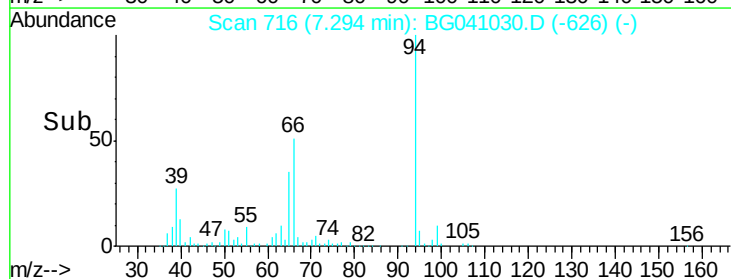
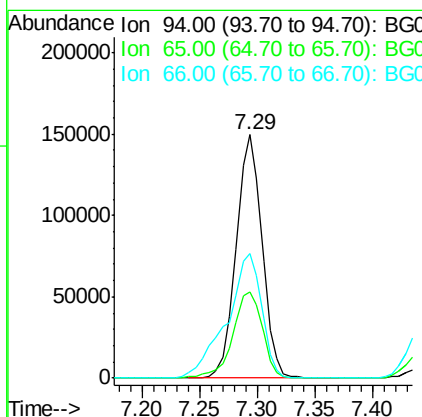
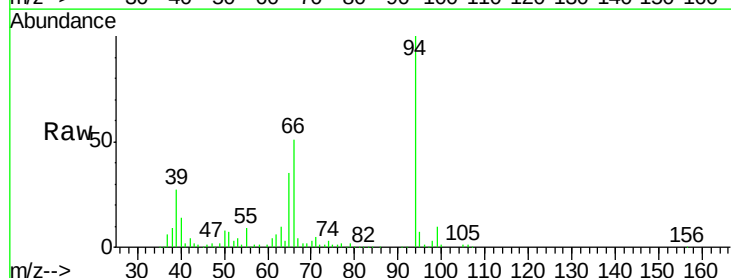
RT: 7.29 min Scan# 716

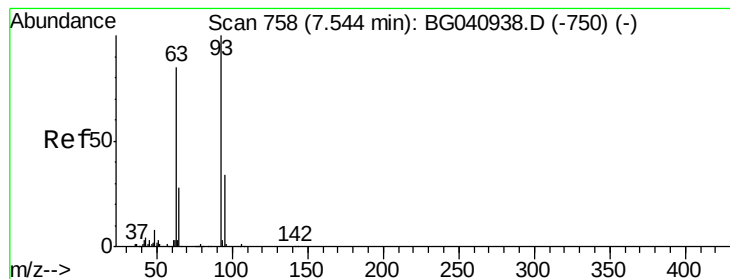
Delta R.T. -0.00 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

Tgt Ion:	94	Resp:	232256
Ion Ratio	Lower	Upper	
94	100		
65	35.2	17.0	57.0
66	51.1	32.4	72.4





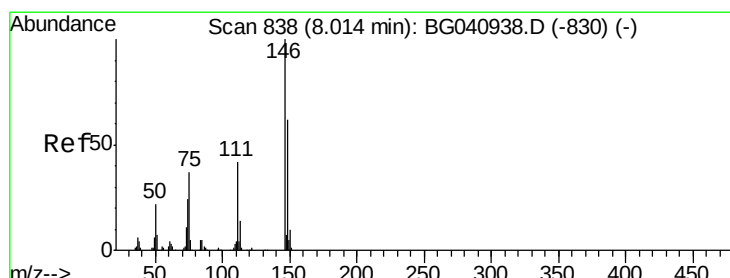
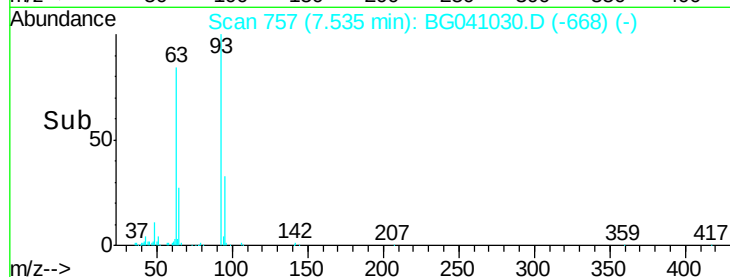
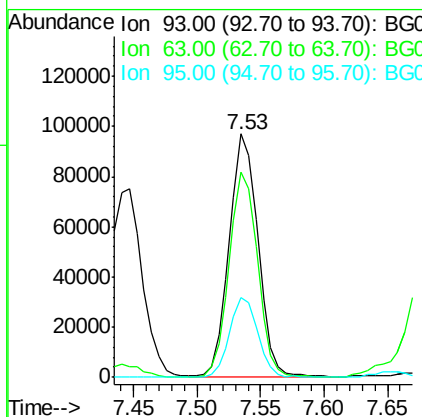
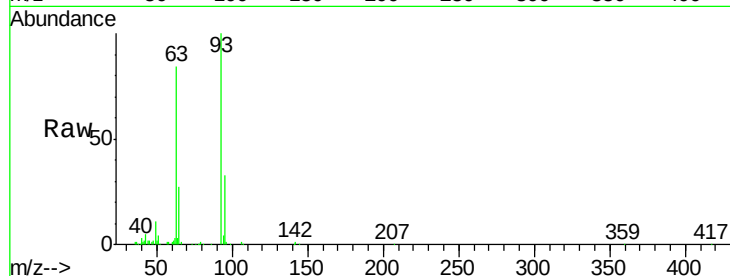
#11
bis(2-Chloroethyl)ether
Concen: 42.053 ng
RT: 7.53 min Scan# 757
Delta R.T. -0.01 min
Lab File: BG041030.D
Acq: 3 Jun 2019 12:27

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

Tot Ion	Ratio	Lower	Upper
93	100		
63	84.1	64.5	104.5
95	33.0	13.3	53.3

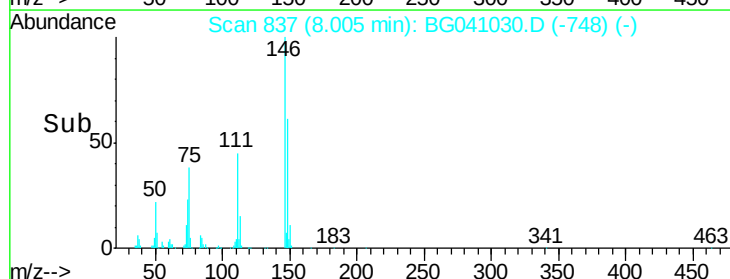
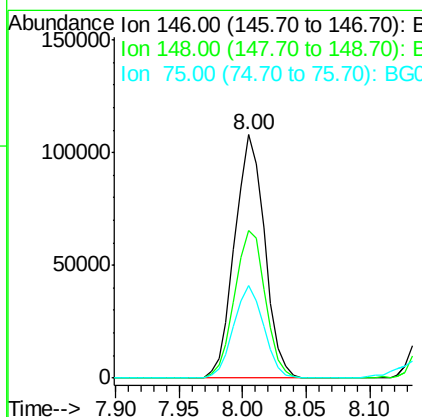
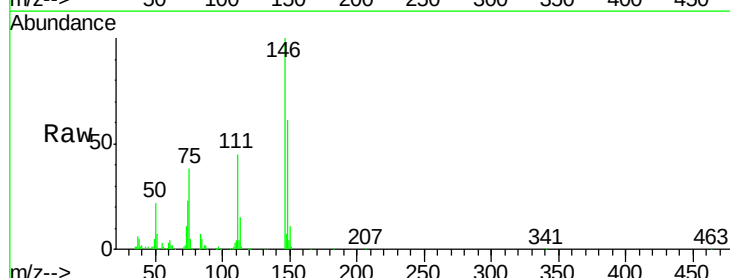
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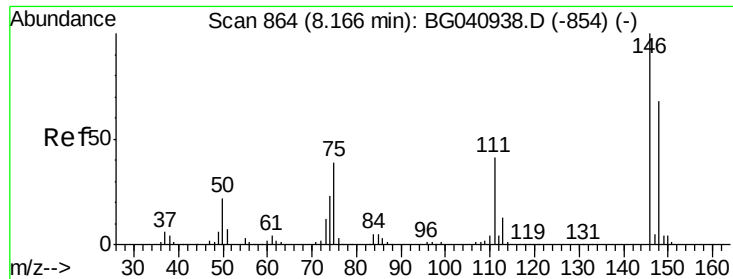
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#12
1,3-Dichlorobenzene
Concen: 40.947 ng
RT: 8.00 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG041030.D
Acq: 3 Jun 2019 12:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.7	49.2	73.8
75	37.9	29.4	44.0





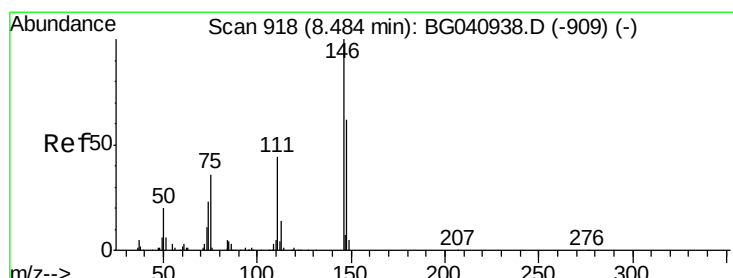
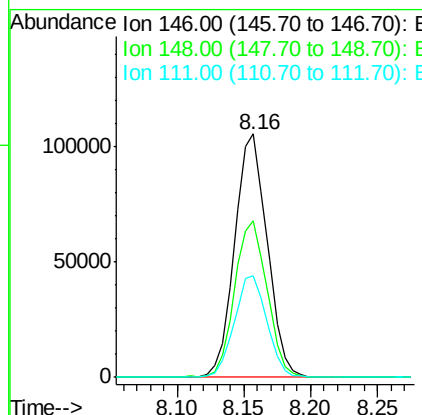
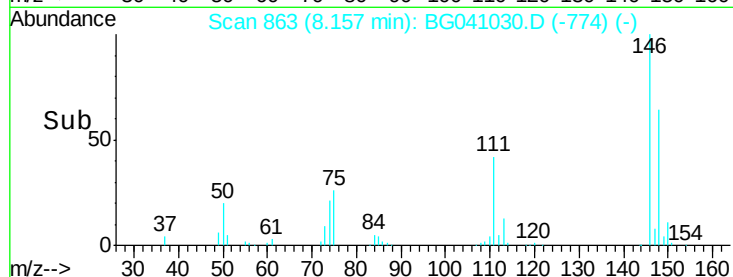
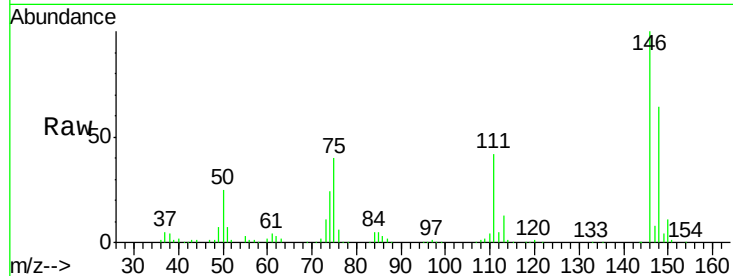
#13
 1,4-Dichlorobenzene
 Concen: 40.895 ng
 RT: 8.16 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: BG041030.D
 Acq: 3 Jun 2019 12:27

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

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	54.2	81.4
111	41.9	32.9	49.3

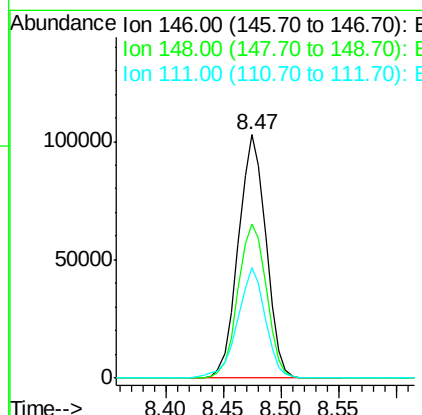
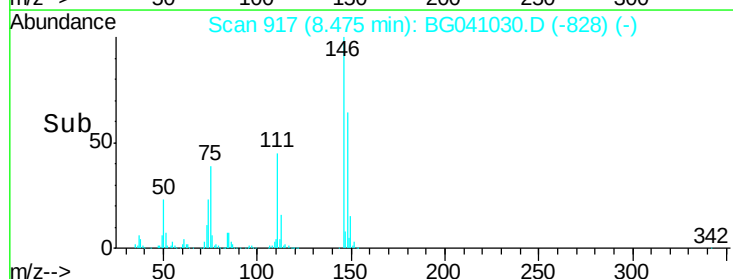
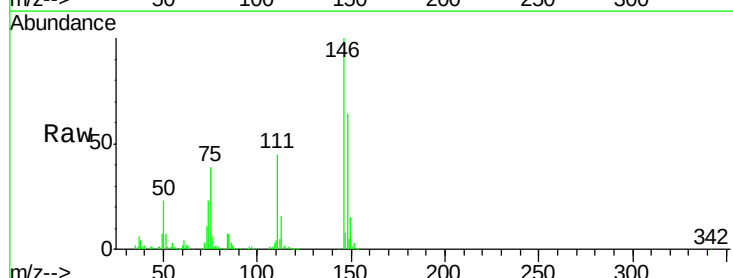
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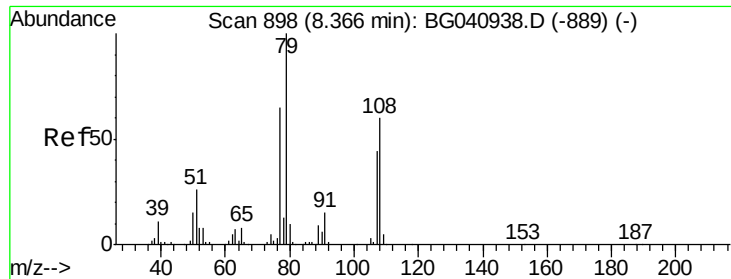
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#14
 1,2-Dichlorobenzene
 Concen: 40.226 ng
 RT: 8.47 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: BG041030.D
 Acq: 3 Jun 2019 12:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	49.8	74.6
111	45.4	35.0	52.4





#15

Benzyl Alcohol

Concen: 43.789 ng

RT: 8.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

Instrument :

BNA_G

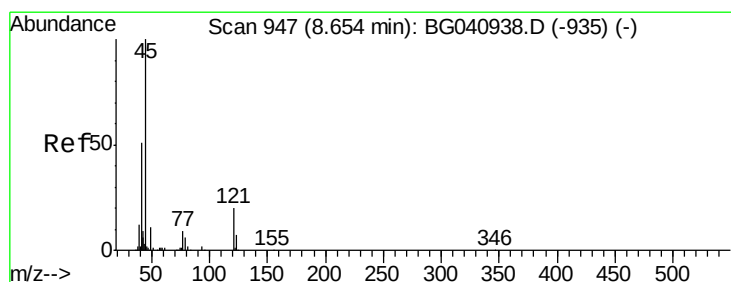
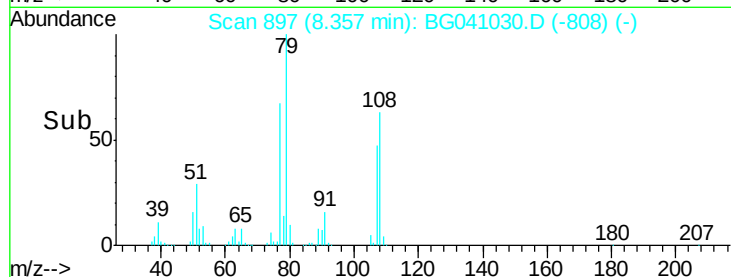
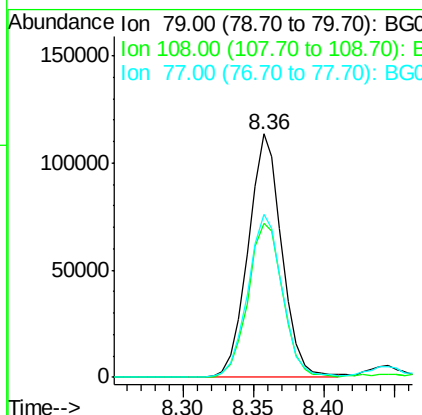
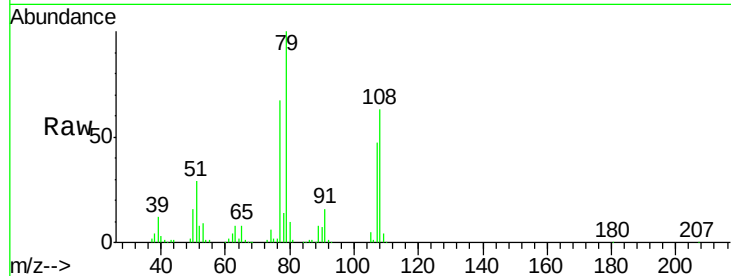
ClientSampleId :

FESB-23(3-3.5)MS

Tot Ion:	79	Resp:	189601
Ion Ratio	Lower	Upper	
79	100		
108	63.2	48.3	72.5
77	66.7	52.3	78.5

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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.743 ng

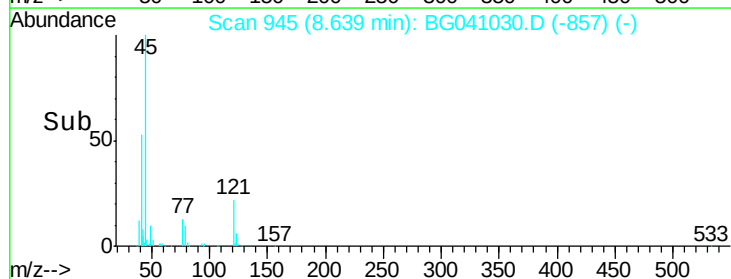
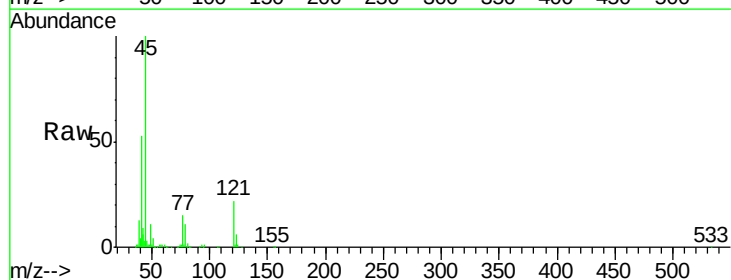
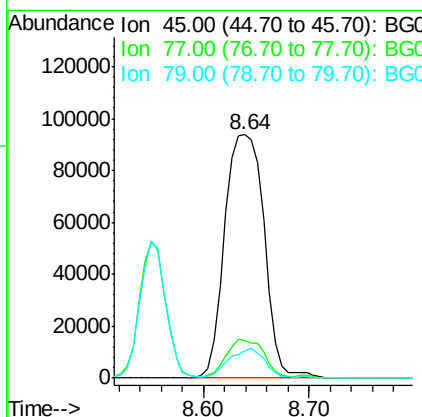
RT: 8.64 min Scan# 945

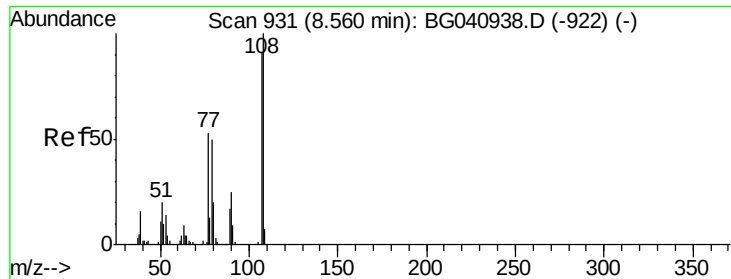
Delta R.T. -0.02 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

Tgt Ion:	45	Resp:	242395
Ion Ratio	Lower	Upper	
45	100		
77	15.2	0.0	33.7
79	11.2	0.0	30.2





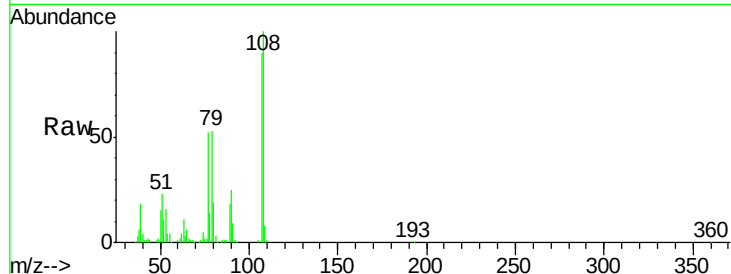
#17
2-Methylphenol
Concen: 42.722 ng
RT: 8.55 min Scan# 930
Delta R.T. -0.01 min
Lab File: BG041030.D
Acq: 3 Jun 2019 12:27

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	111.2	87.7	155243	131.5	
77	58.2	46.6		70.0	
79	58.4	44.6		66.8	

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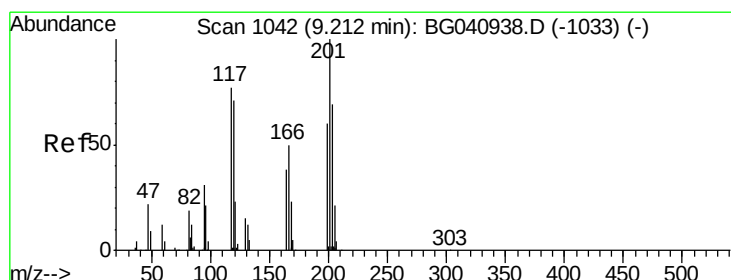
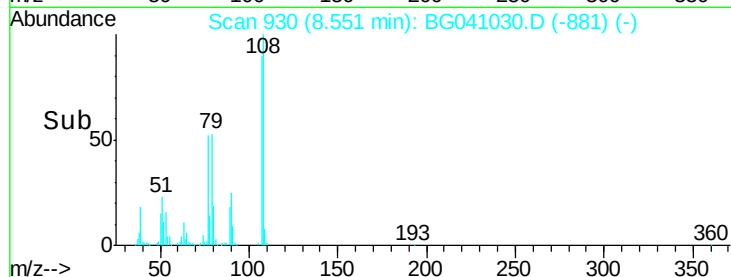
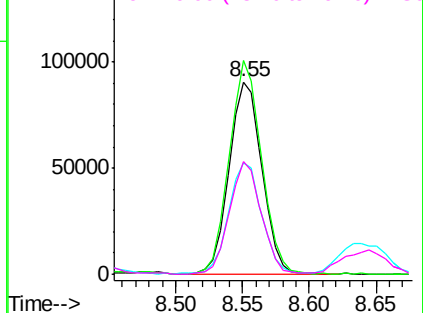
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 40.827 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG041030.D
Acq: 3 Jun 2019 12:27

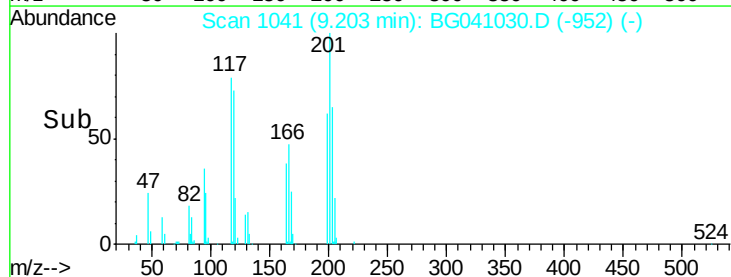
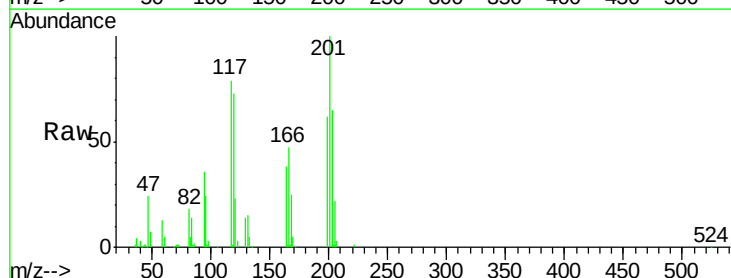
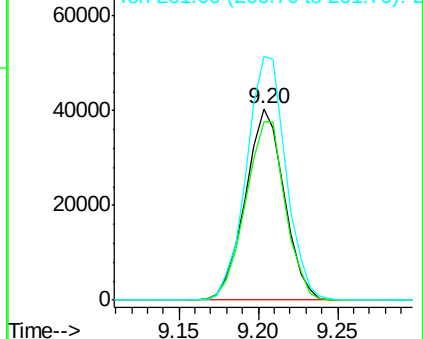
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100				
119	92.8	75.0	68738	112.6	
201	127.0	103.5		155.3	

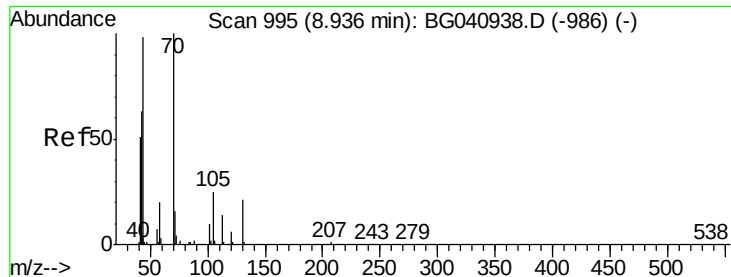
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





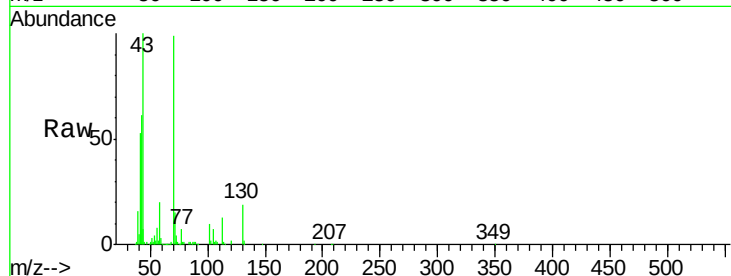
#19
n-Nitroso-di-n-propylamine
Concen: 41.161 ng
RT: 8.92 min Scan# 993
Delta R.T. -0.02 min
Lab File: BG041030.D
Acq: 3 Jun 2019 12:27

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

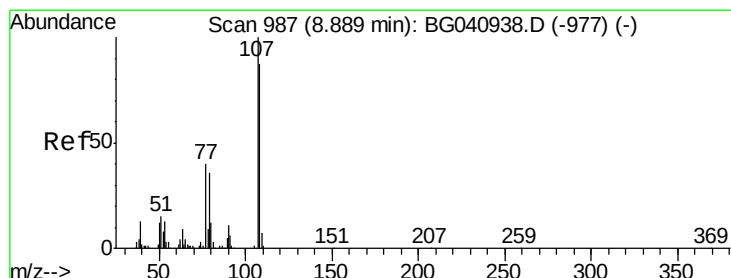
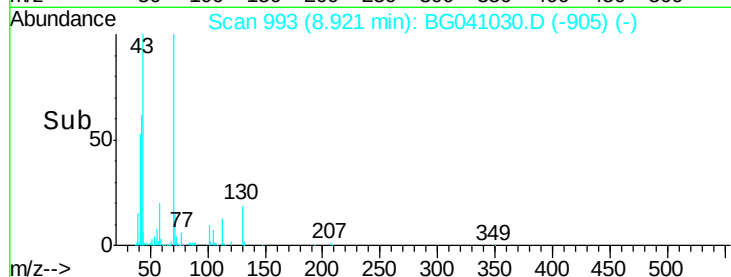
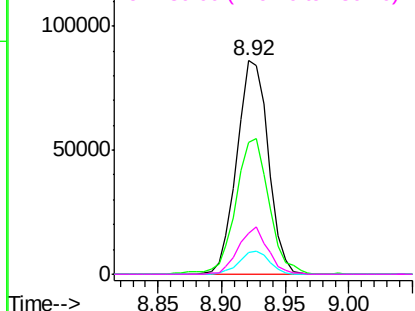
Tot Ion	Ratio	Lower	Upper
70	100		
42	62.0	51.5	77.3
101	9.9	8.1	12.1
130	19.4	16.6	24.8

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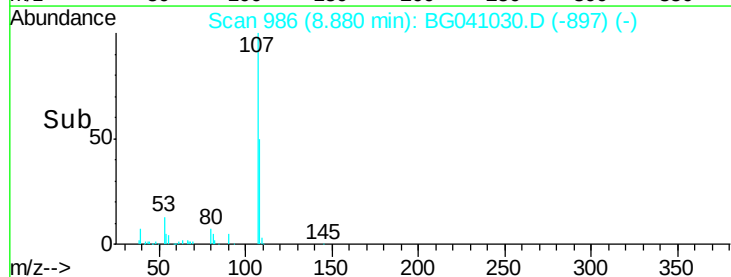
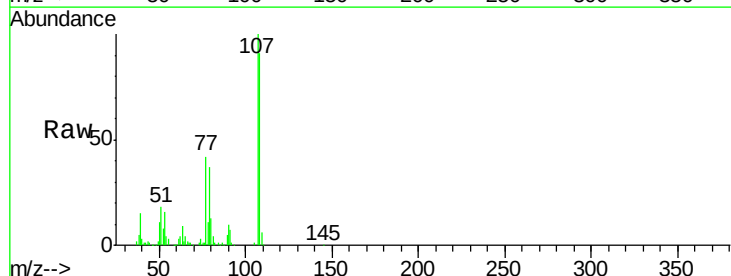
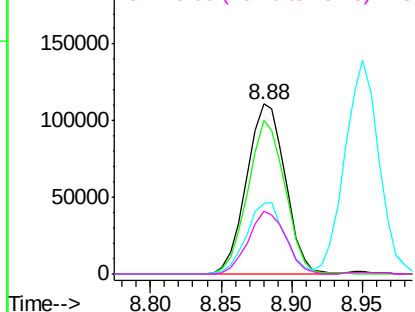
Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

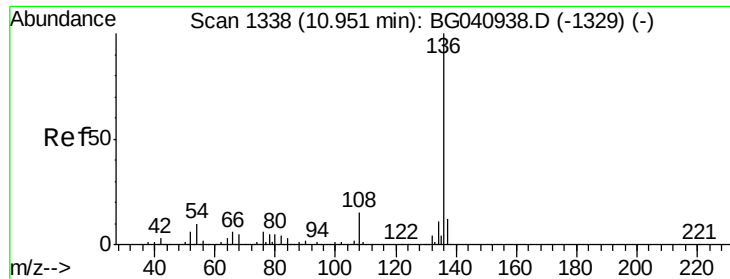


#20
3+4-Methylphenols
Concen: 42.360 ng
RT: 8.88 min Scan# 986
Delta R.T. -0.01 min
Lab File: BG041030.D
Acq: 3 Jun 2019 12:27

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.6	66.8	106.8
77	41.7	20.5	60.5
79	37.3	15.8	55.8

Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





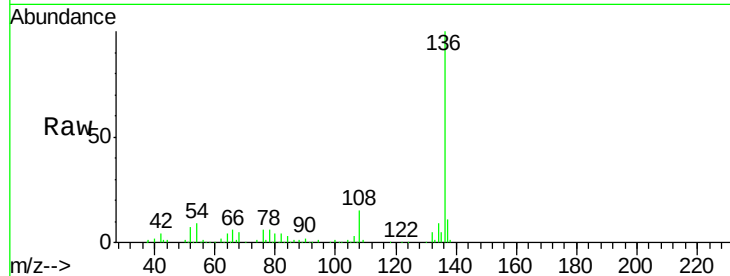
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BG041030.D
Acq: 3 Jun 2019 12:27

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

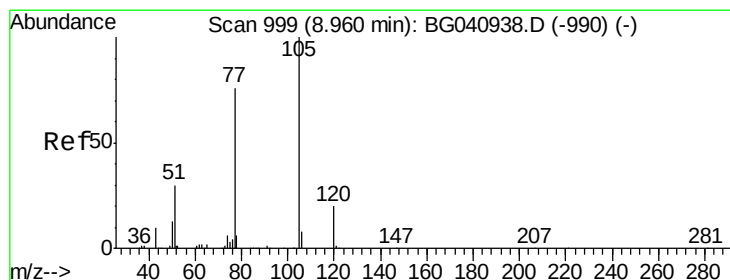
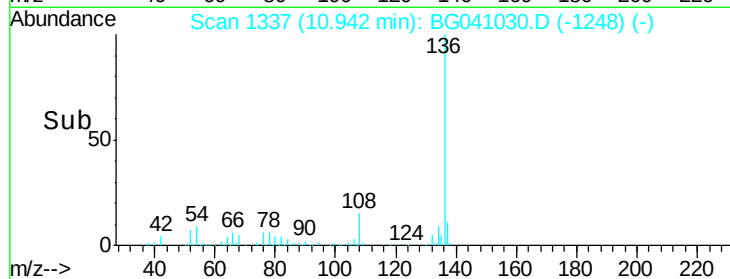
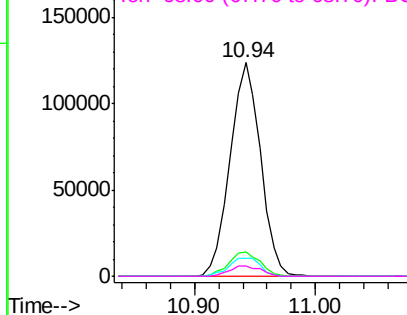
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		216085		
137	11.3		9.5	14.3	
54	8.6		7.6	11.4	
68	5.0		3.9	5.9	

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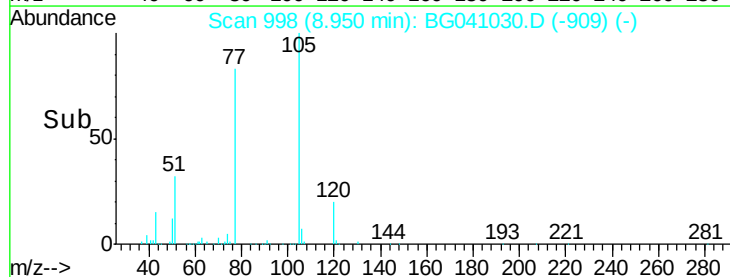
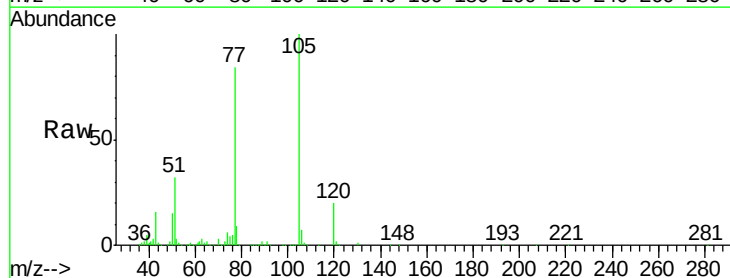
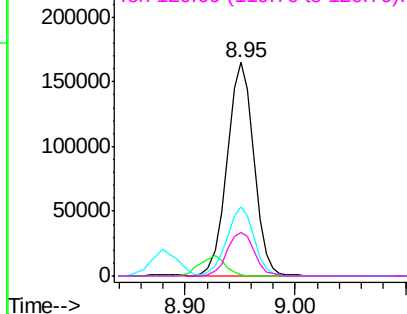
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

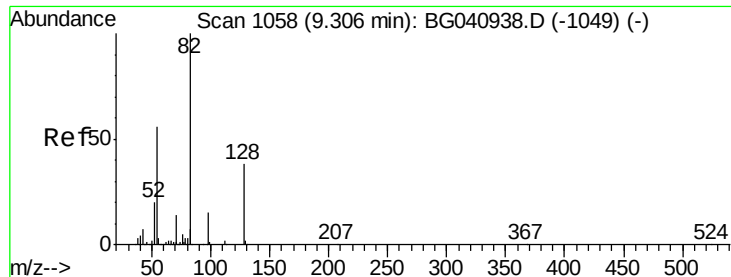


#22
Acetophenone
Concen: 46.181 ng
RT: 8.95 min Scan# 998
Delta R.T. -0.01 min
Lab File: BG041030.D
Acq: 3 Jun 2019 12:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		279926		
71	0.4		0.4	0.6	
51	32.4		27.0	40.6	
120	20.4		16.2	24.4	

Abundance Ion 105.00 (104.70 to 105.70): E
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





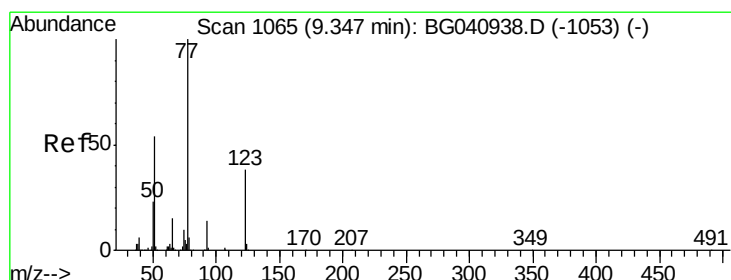
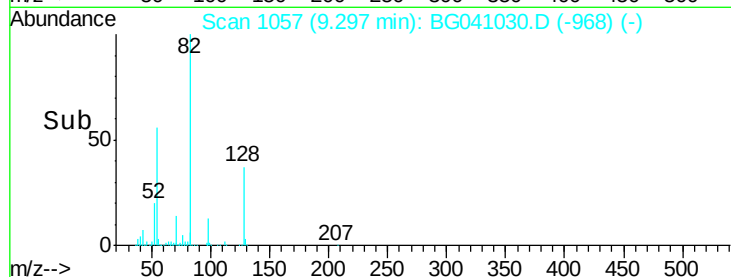
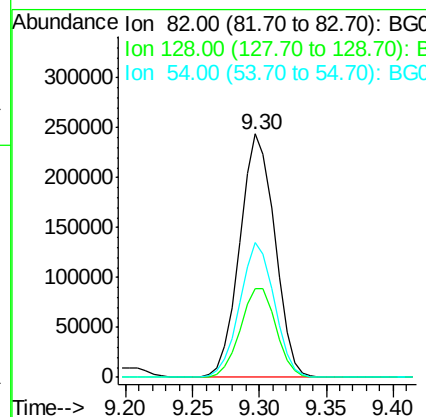
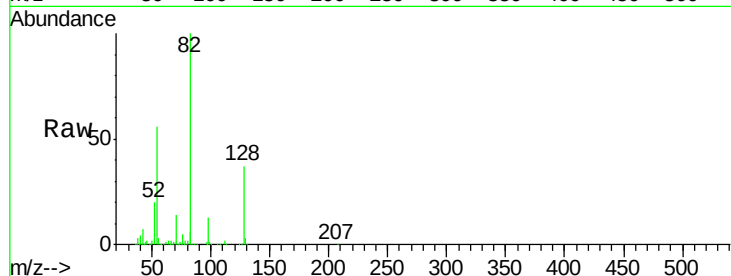
#23
 Nitrobenzene-d5
 Concen: 91.068 ng
 RT: 9.30 min Scan# 1057
 Delta R.T. -0.01 min
 Lab File: BG041030.D
 Acq: 3 Jun 2019 12:27

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

Tot Ion	82	Resp	443270
Ion Ratio	Lower	Upper	
82	100		
128	36.6	30.5	45.7
54	55.6	44.6	66.8

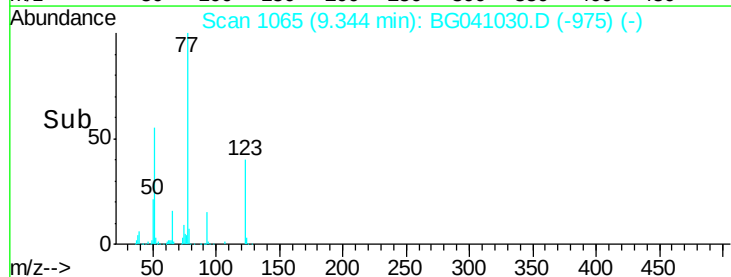
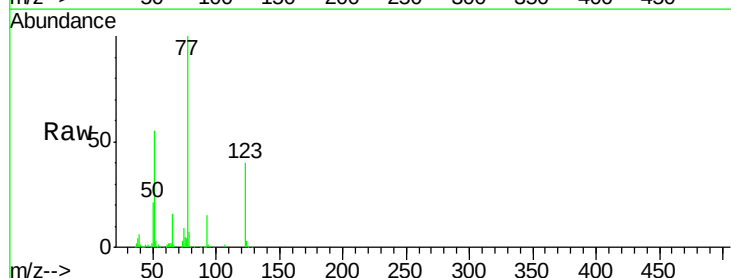
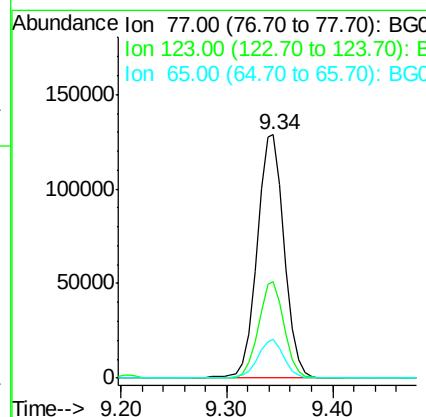
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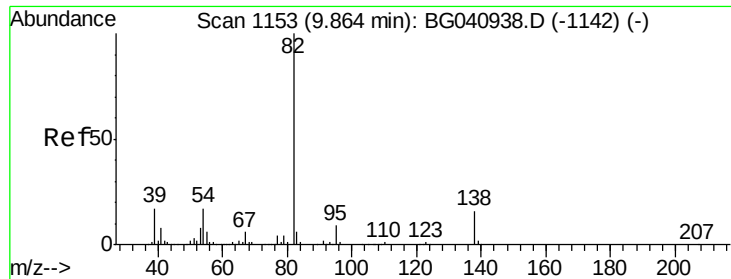
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#24
 Nitrobenzene
 Concen: 46.296 ng
 RT: 9.34 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: BG041030.D
 Acq: 3 Jun 2019 12:27

Tgt Ion	77	Resp	229644
Ion Ratio	Lower	Upper	
77	100		
123	39.6	30.6	46.0
65	16.2	12.3	18.5





#25

Isophorone

Concen: 45.087 ng

RT: 9.86 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

Instrument :

BNA_G

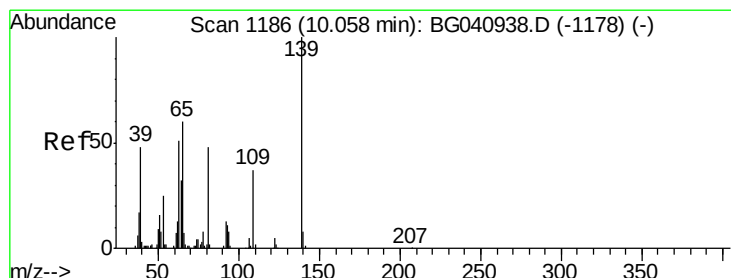
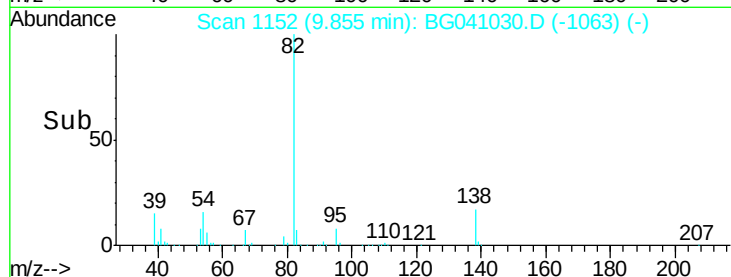
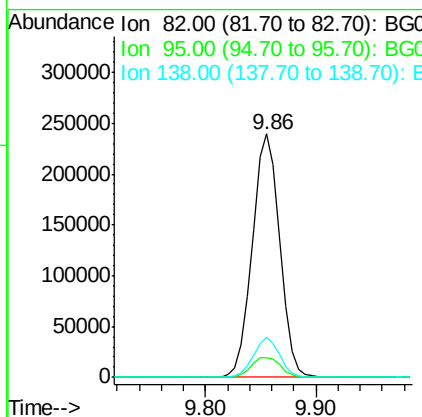
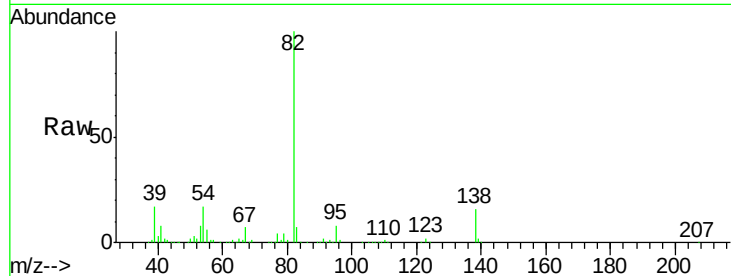
ClientSampleId :

FESB-23(3-3.5)MS

Tot Ion:	82	Resp:	417653
Ion Ratio	Lower	Upper	
82	100		
95	8.3	7.0	10.4
138	16.4	12.6	19.0

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#26

2-Nitrophenol

Concen: 47.584 ng

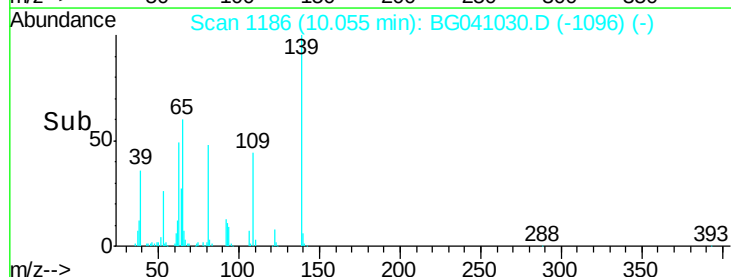
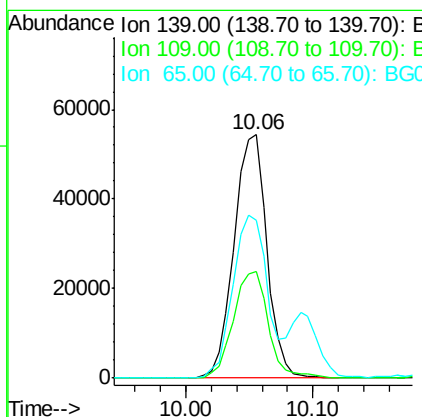
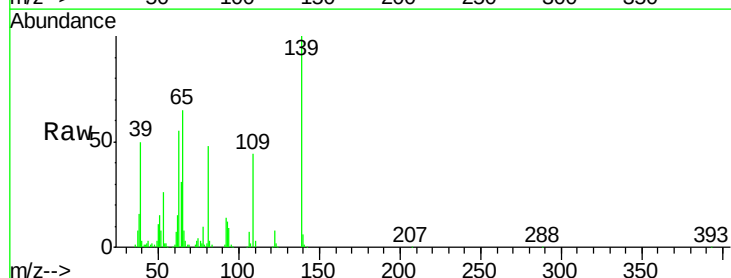
RT: 10.06 min Scan# 1186

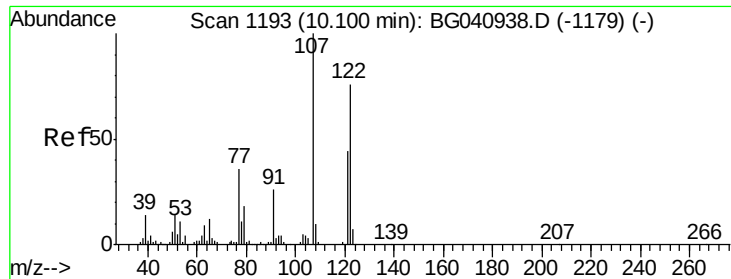
Delta R.T. -0.00 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

Tgt Ion:	139	Resp:	97306
Ion Ratio	Lower	Upper	
139	100		
109	44.0	29.8	44.6
65	65.1	47.8	71.6





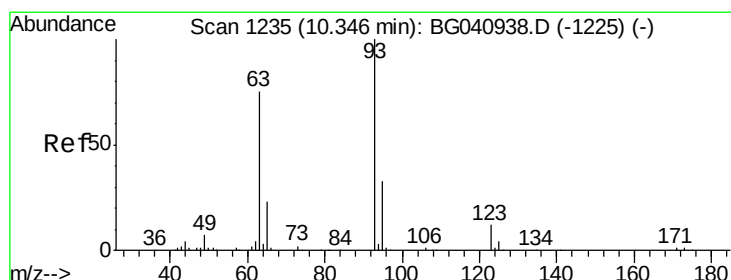
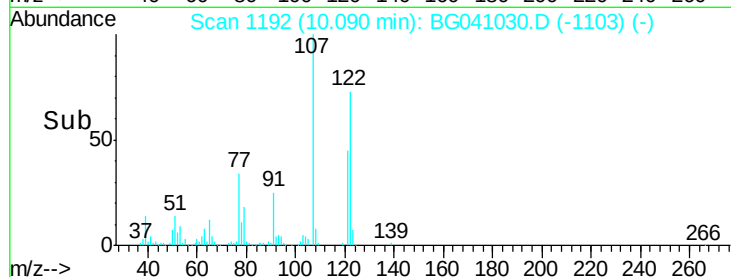
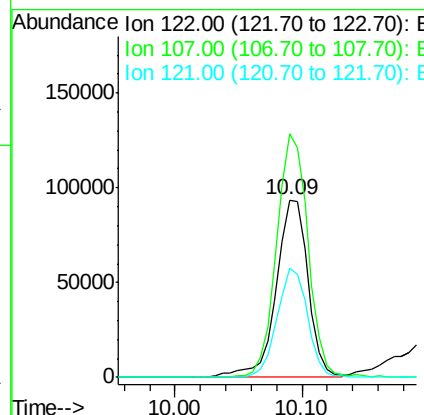
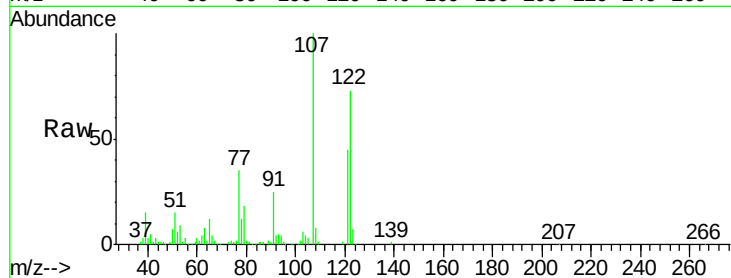
#27
2,4-Dimethylphenol
Concen: 48.539 ng
RT: 10.09 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BG041030.D
Acq: 3 Jun 2019 12:27

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	137.5	105.9	158.9		
121	61.6	46.2	69.4		

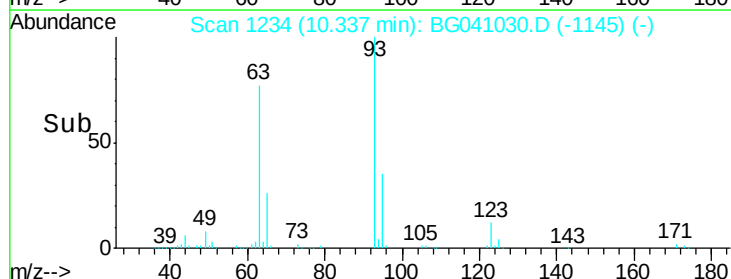
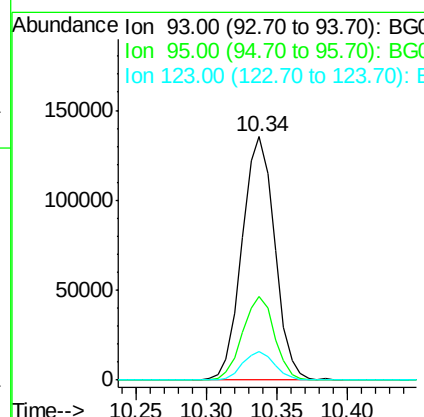
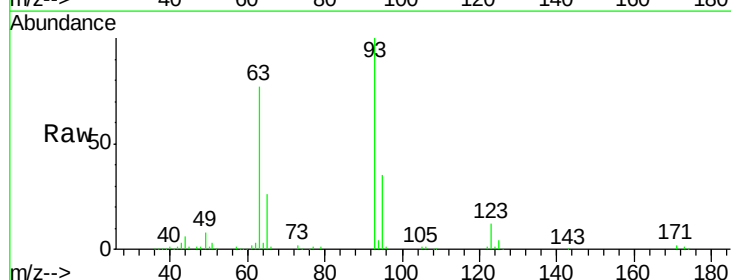
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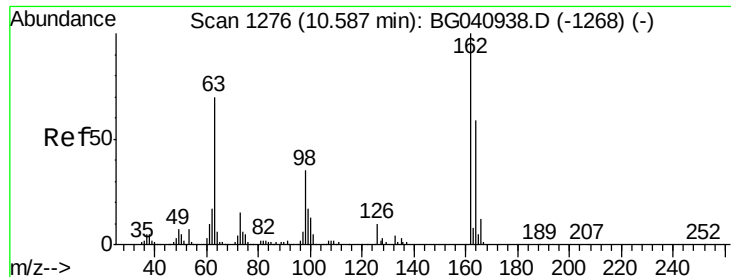
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#28
bis(2-Chloroethoxy)methane
Concen: 43.817 ng
RT: 10.34 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BG041030.D
Acq: 3 Jun 2019 12:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	34.5	26.2	39.2		
123	11.7	9.5	14.3		





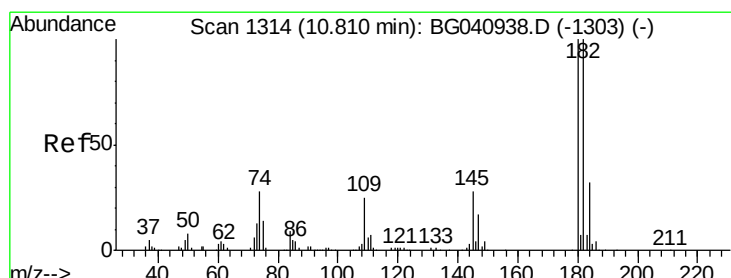
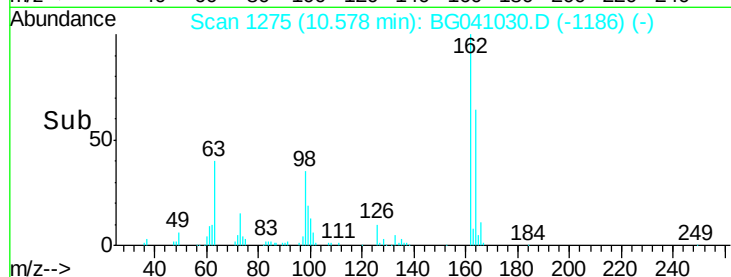
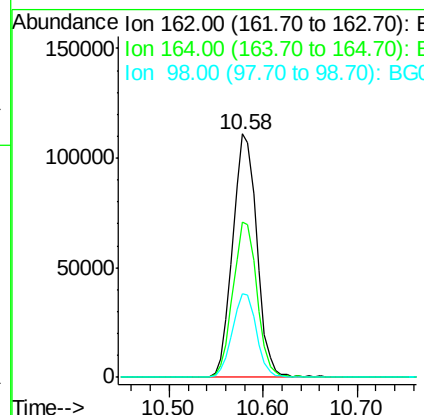
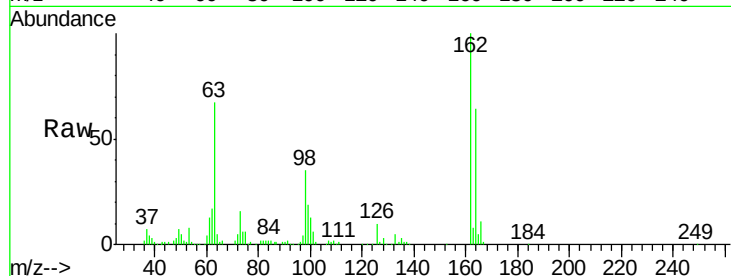
#29
2,4-Dichlorophenol
Concen: 46.383 ng
RT: 10.58 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BG041030.D
Acq: 3 Jun 2019 12:27

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

Tot Ion	Ratio	Resp	Lower	Upper
162	100	198925		
164	63.7	39.4	79.4	
98	34.5	15.3	55.3	

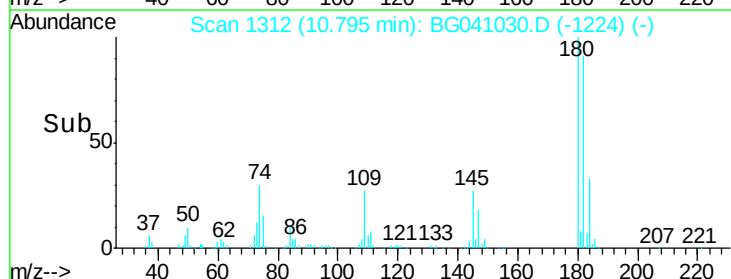
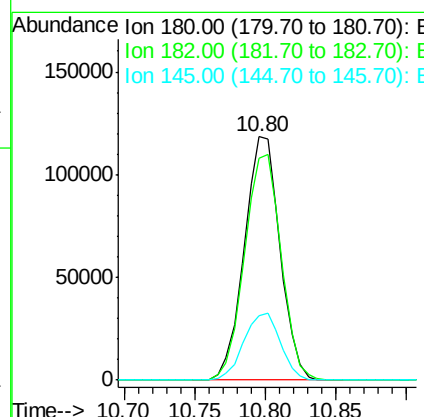
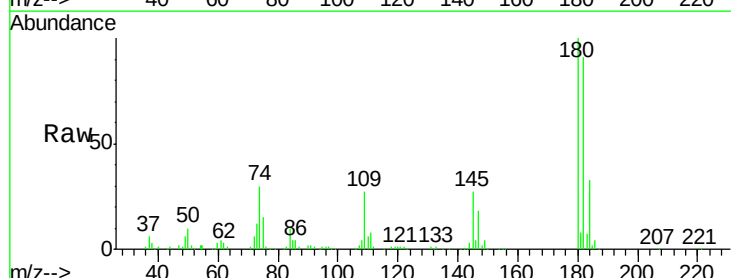
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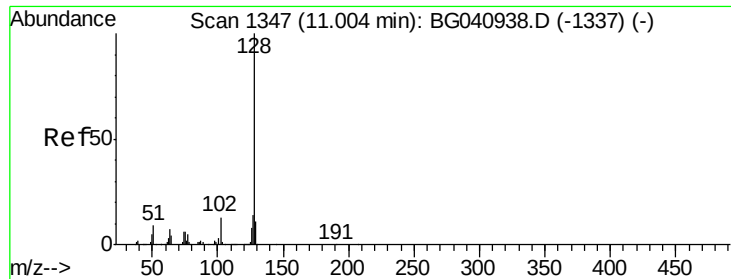
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#30
1,2,4-Trichlorobenzene
Concen: 42.890 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BG041030.D
Acq: 3 Jun 2019 12:27

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	209256		
182	91.3	79.7	119.5	
145	26.7	22.6	34.0	





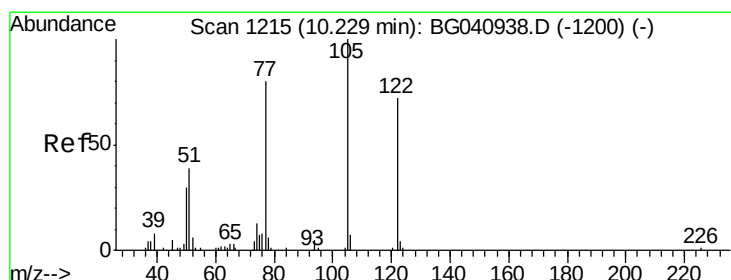
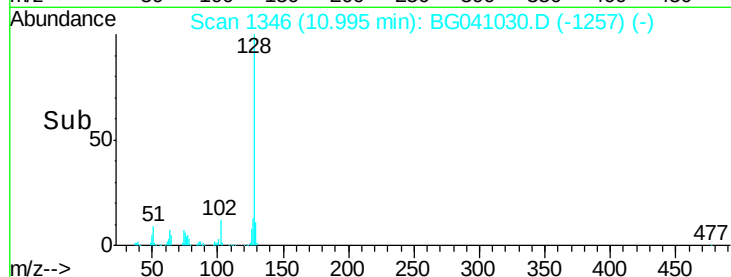
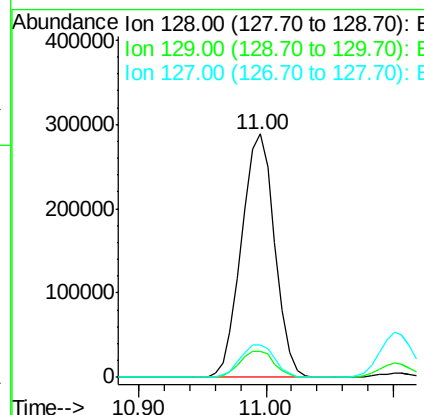
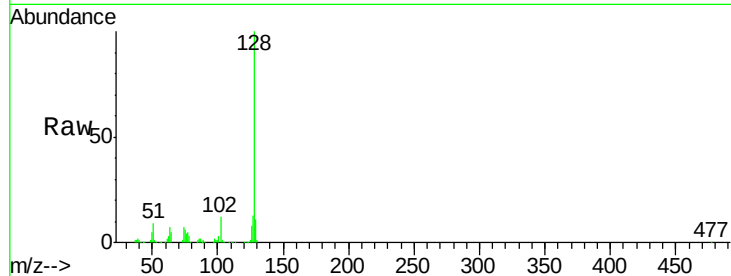
#31
Naphthalene
Concen: 45.075 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG041030.D
Acq: 3 Jun 2019 12:27

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

Tot Ion	Ratio	Resp	Lower	Upper
128	100	522946		
129	10.6		8.5	12.7
127	13.4		11.4	17.2

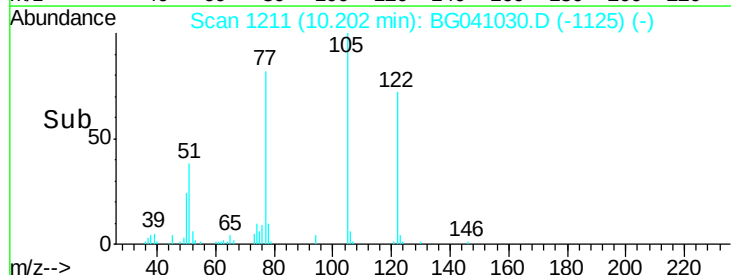
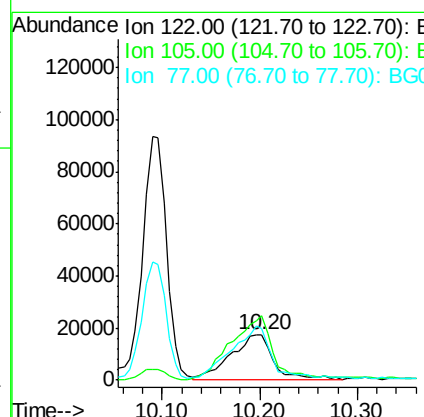
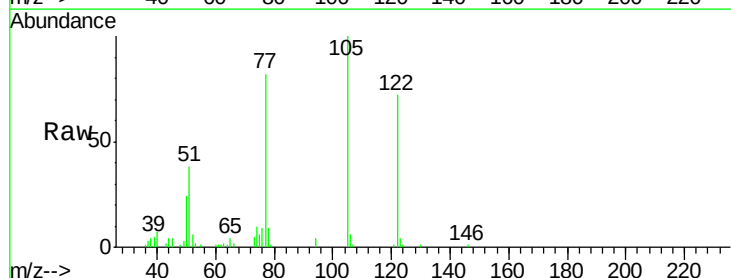
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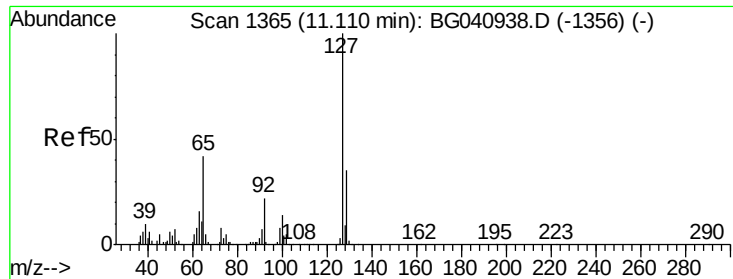
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#32
Benzoic acid
Concen: 24.584 ng
RT: 10.20 min Scan# 1211
Delta R.T. -0.03 min
Lab File: BG041030.D
Acq: 3 Jun 2019 12:27

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	52021		
105	139.8		114.8	154.8
77	114.3		89.9	129.9





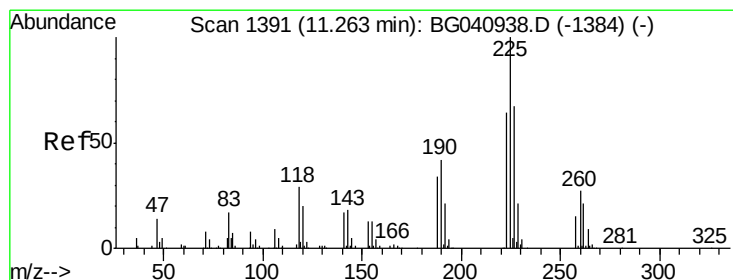
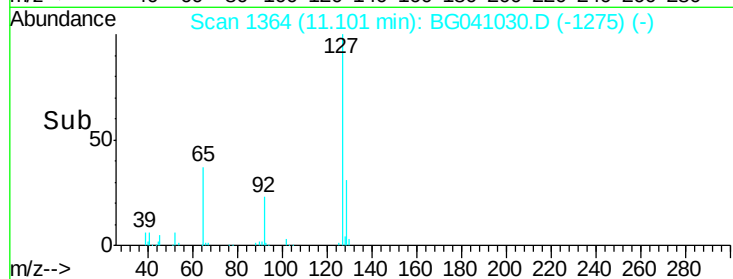
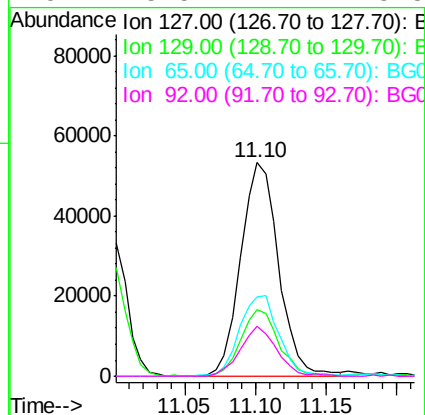
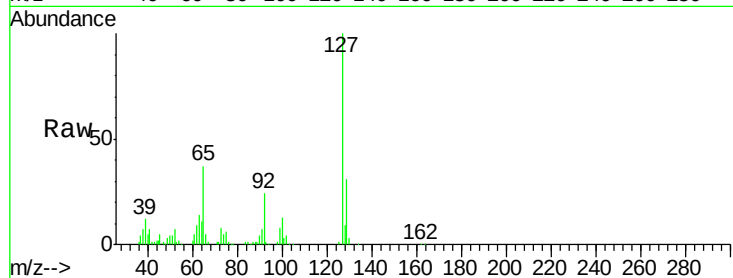
#33
4-Chloroaniline
Concen: 18.618 ng
RT: 11.10 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BG041030.D
Acq: 3 Jun 2019 12:27

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

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.1	27.7	41.5
65	37.3	33.2	49.8
92	23.5	17.2	25.8

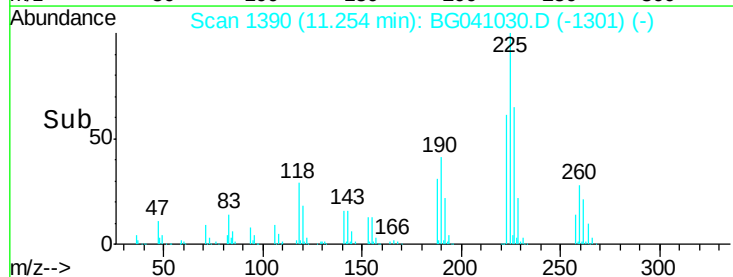
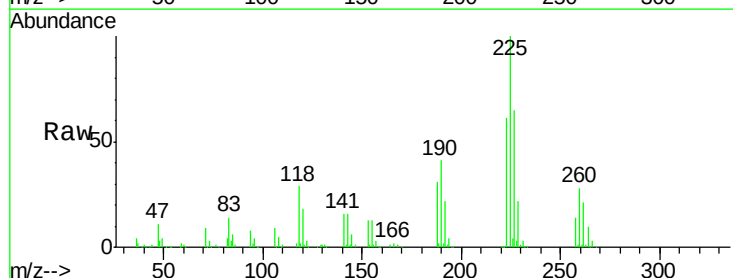
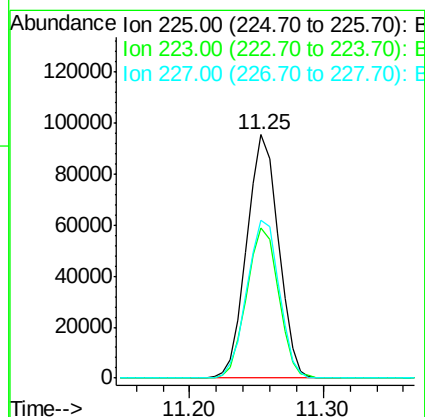
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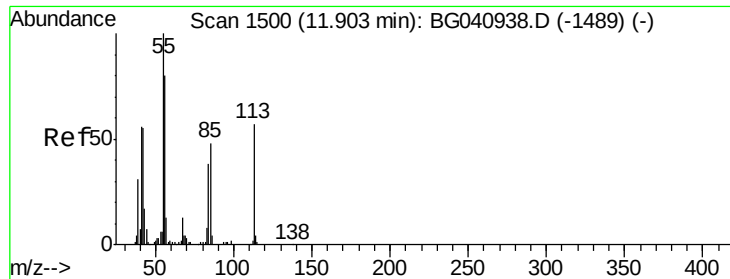
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#34
Hexachlorobutadiene
Concen: 41.929 ng
RT: 11.25 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BG041030.D
Acq: 3 Jun 2019 12:27

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.5	48.8	73.2
227	64.8	51.4	77.0





#35

Caprolactam

Concen: 42.186 ng/ml

RT: 11.89 min Scan# 1498

Delta R.T. -0.02 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

Instrument :

BNA_G

ClientSampleId :

FESB-23(3-3.5)MS

Tot Ion:113 Resp: 59746

Ion Ratio Lower Upper

113 100

55 190.3 155.9 195.9

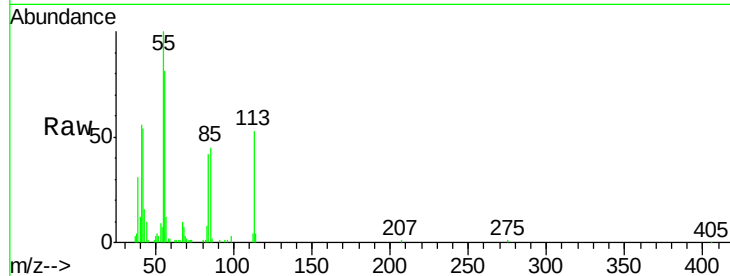
56 154.2 119.9 159.9

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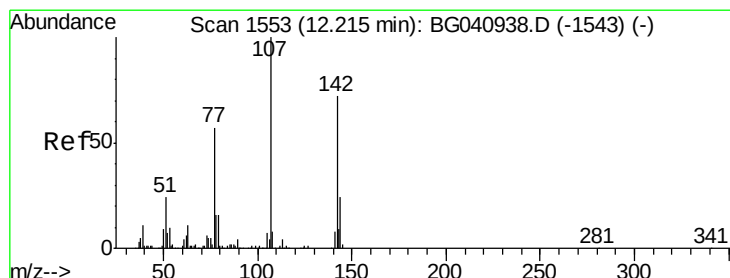
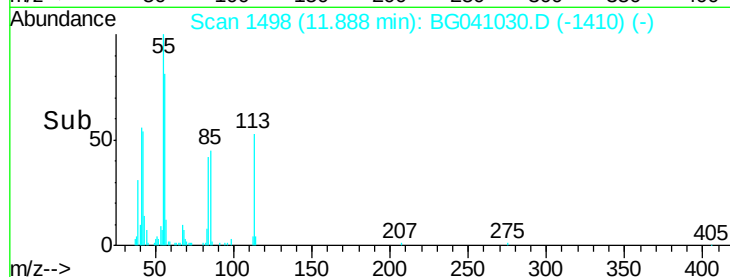
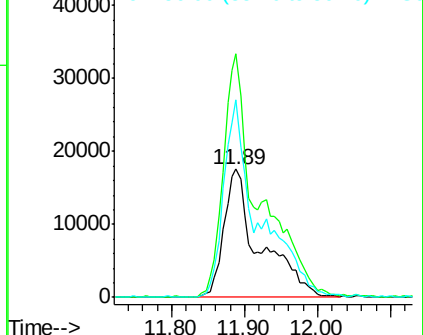
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 44.493 ng/ml

RT: 12.21 min Scan# 1552

Delta R.T. -0.01 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

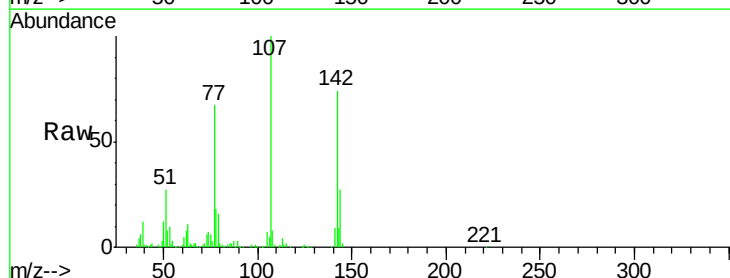
Tgt Ion:107 Resp: 217930

Ion Ratio Lower Upper

107 100

144 26.6 19.4 29.0

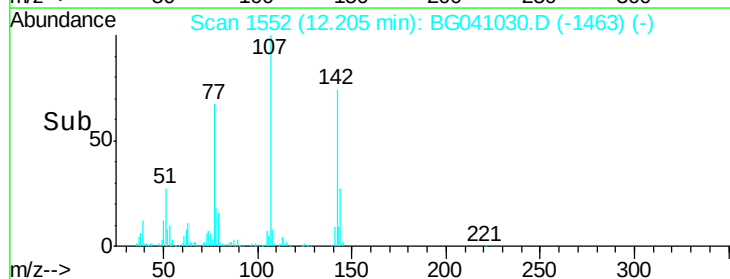
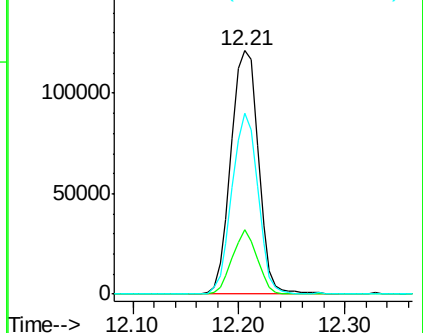
142 74.1 57.3 85.9

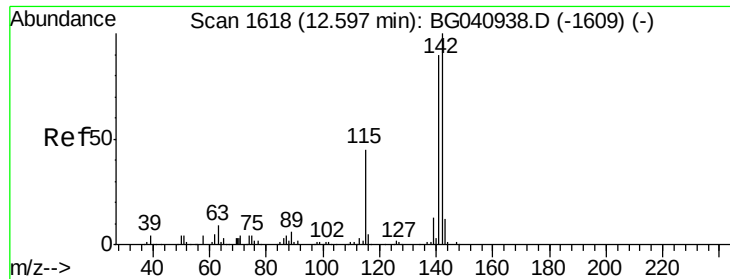


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





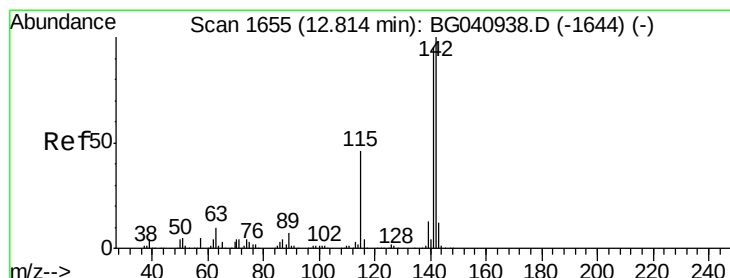
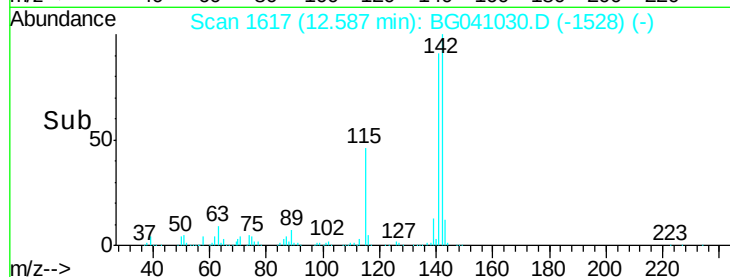
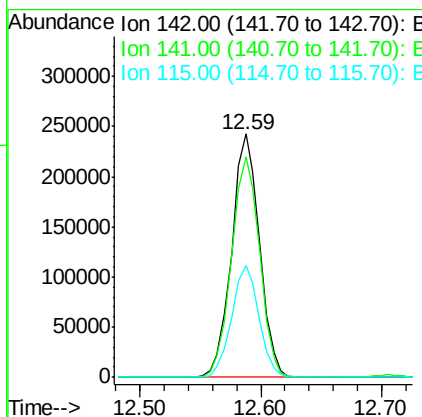
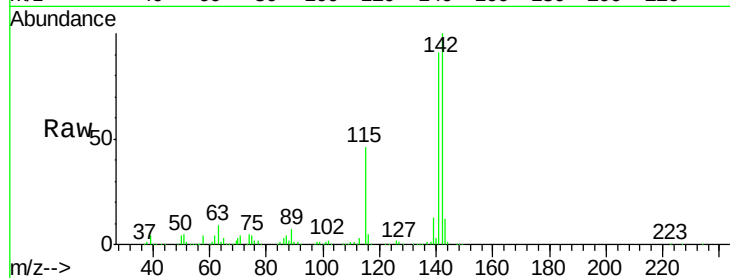
#37
2-Methylnaphthalene
Concen: 43.413 ng
RT: 12.59 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BG041030.D
Acq: 3 Jun 2019 12:27

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.7	72.2	108.4
115	46.1	36.2	54.4

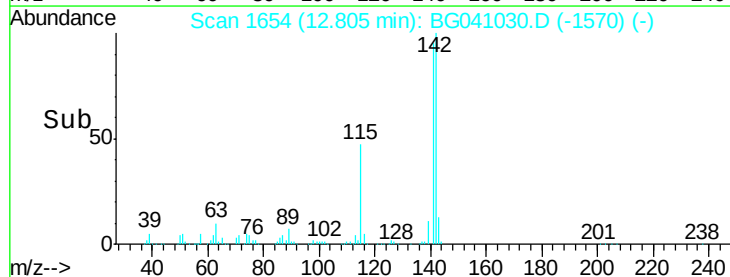
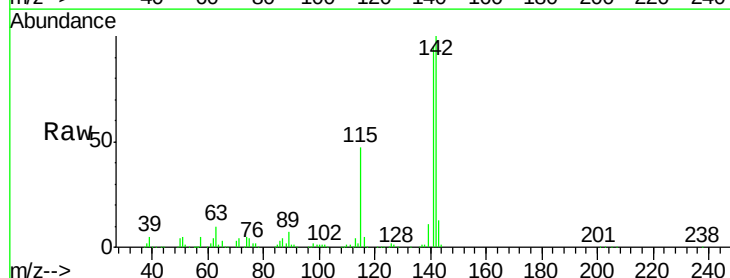
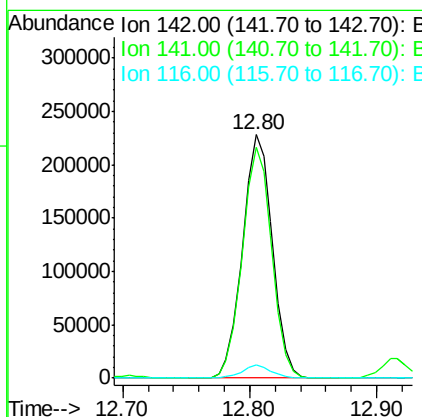
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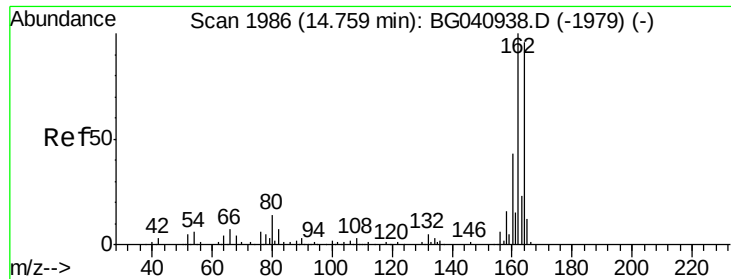
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#38
1-Methylnaphthalene
Concen: 43.950 ng
RT: 12.80 min Scan# 1654
Delta R.T. -0.01 min
Lab File: BG041030.D
Acq: 3 Jun 2019 12:27

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.6	75.7	113.5
116	5.2	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: BG041030.D

Acq: 3 Jun 2019 12:27

Instrument :

BNA_G

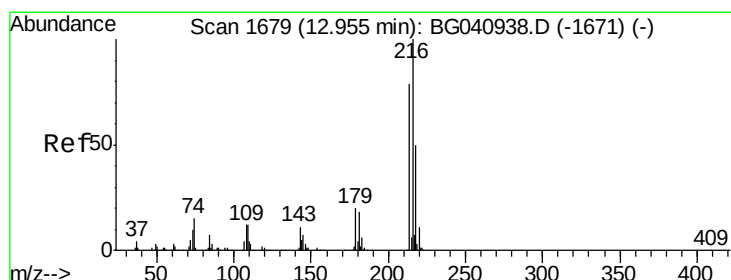
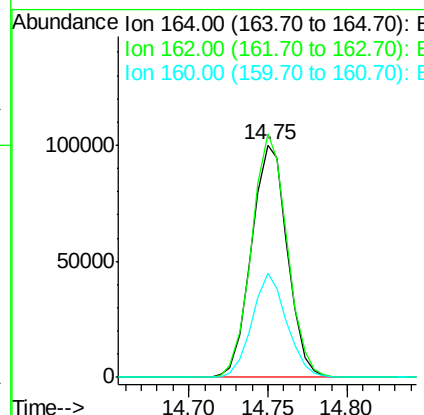
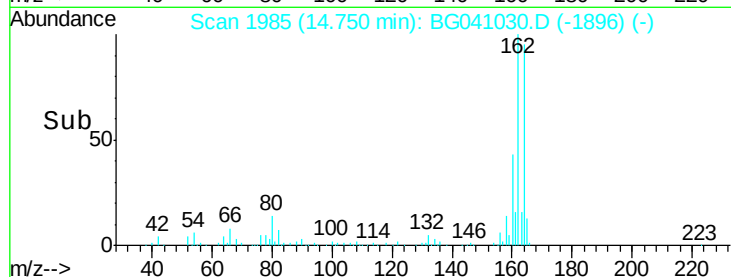
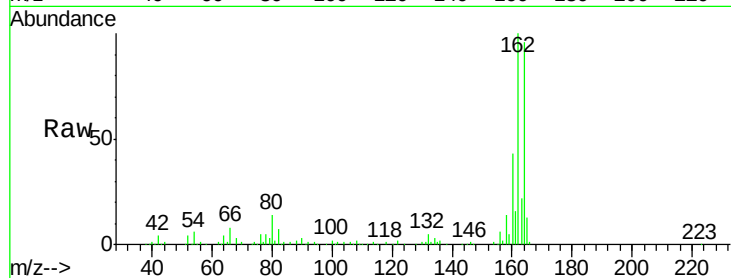
ClientSampleId :

FESB-23(3-3.5)MS

Tot Ion:	164	Resp:	156850
Ion Ratio	Lower	Upper	
164	100		
162	104.7	83.0	124.4
160	44.8	35.6	53.4

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.093 ng

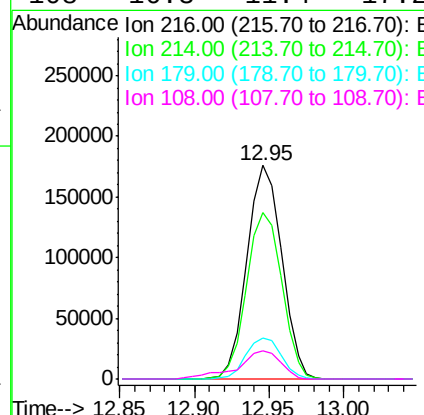
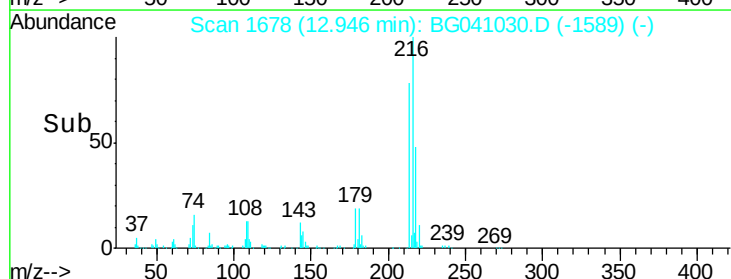
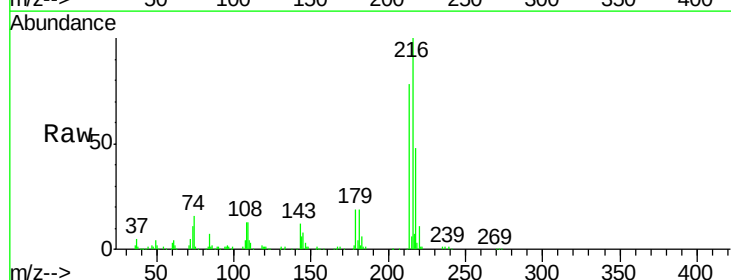
RT: 12.95 min Scan# 1678

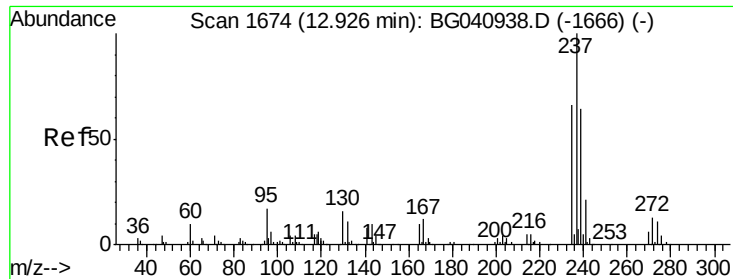
Delta R.T. -0.01 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

Tgt Ion:	216	Resp:	285071
Ion Ratio	Lower	Upper	
216	100		
214	78.7	63.4	95.2
179	19.5	15.2	22.8
108	16.3	11.4	17.2





#41

Hexachlorocyclopentadiene

Concen: 87.160 ng

RT: 12.92 min Scan# 1673

Delta R.T. -0.01 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

Instrument :

BNA_G

ClientSampleId :

FESB-23(3-3.5)MS

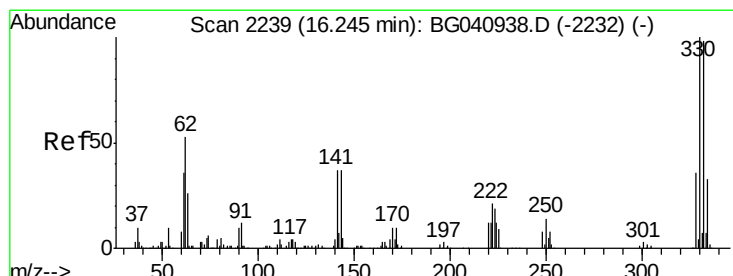
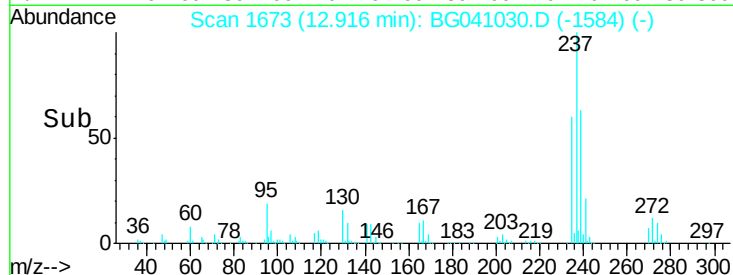
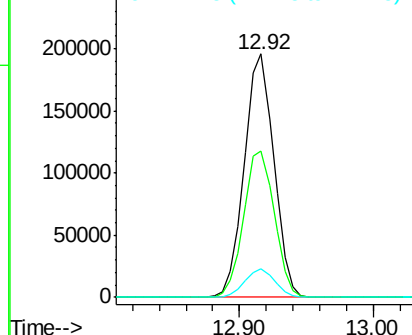
Tot Ion:	237	Resp:	298991
Ion Ratio	Lower	Upper	
237	100		
235	60.1	45.5	85.5
272	11.6	0.0	32.9

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



#42

2,4,6-Tribromophenol

Concen: 138.996 ng

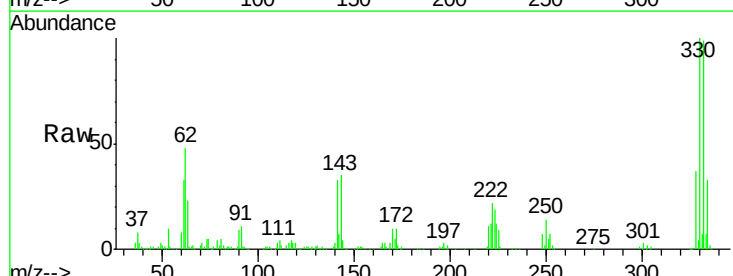
RT: 16.24 min Scan# 2239

Delta R.T. -0.00 min

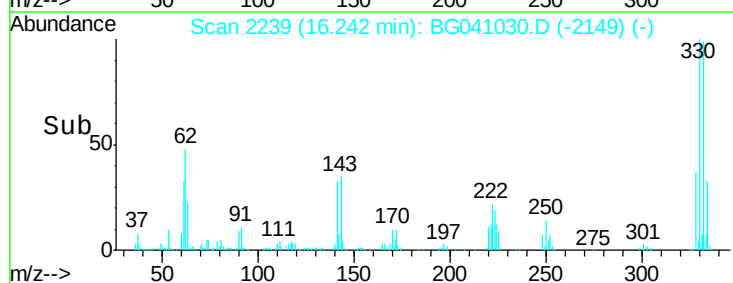
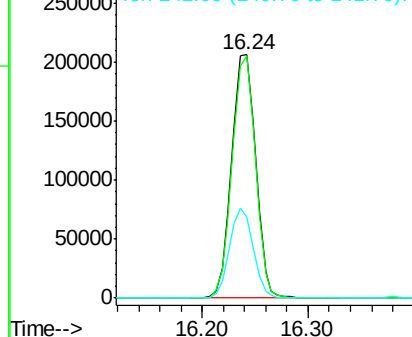
Lab File: BG041030.D

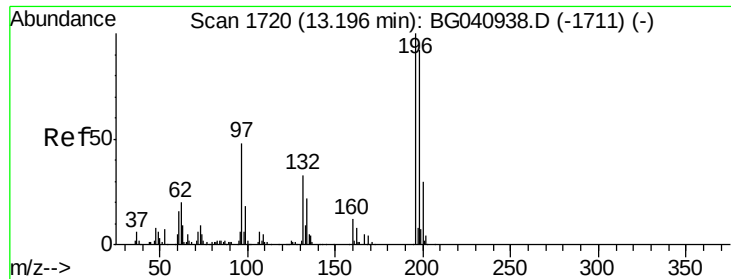
Acq: 3 Jun 2019 12:27

Tgt Ion:	330	Resp:	323658
Ion Ratio	Lower	Upper	
330	100		
332	96.3	78.5	117.7
141	36.4	28.7	43.1



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





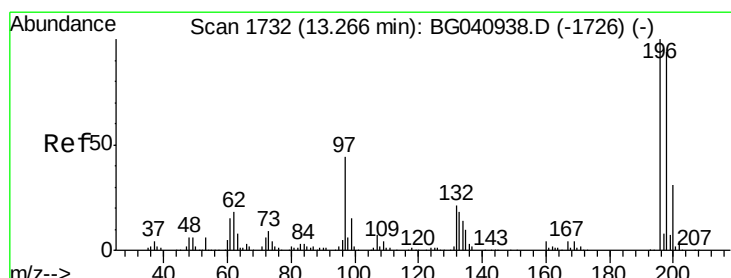
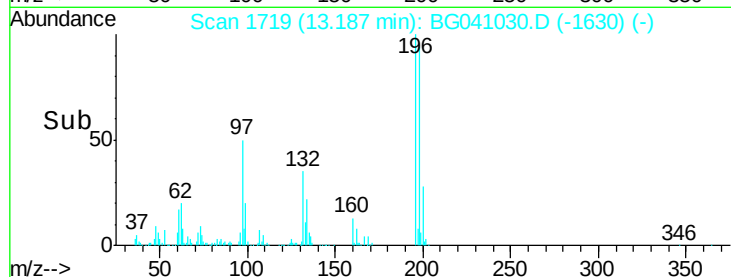
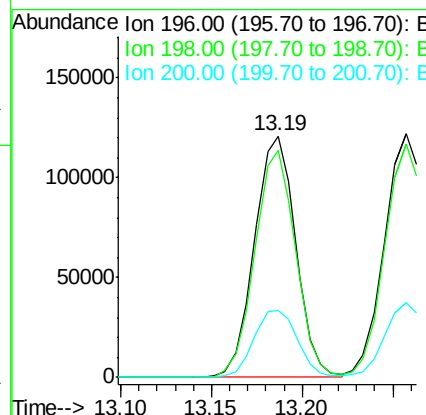
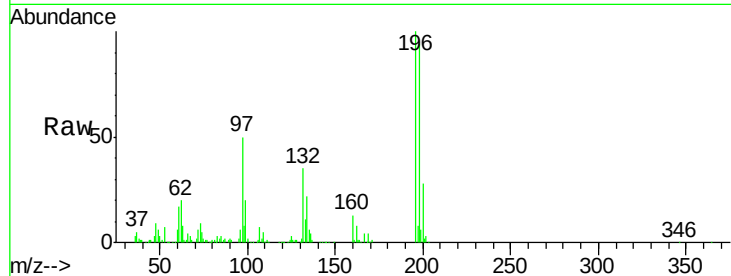
#43
2,4,6-Trichlorophenol
Concen: 46.623 ng
RT: 13.19 min Scan# 1719
Delta R.T. -0.01 min
Lab File: BG041030.D
Acq: 3 Jun 2019 12:27

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

Tot Ion	Ratio	Resp	Lower	Upper
196	100	190674		
198	94.2	73.8	110.6	
200	27.7	24.1	36.1	

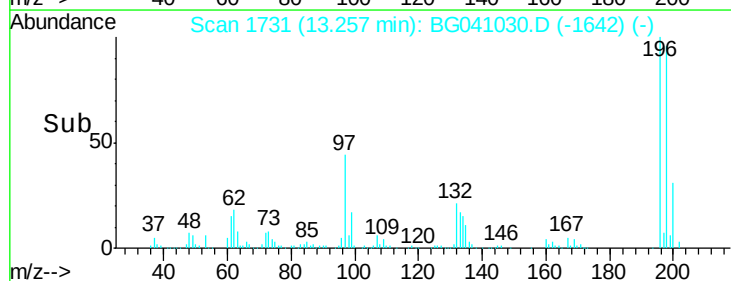
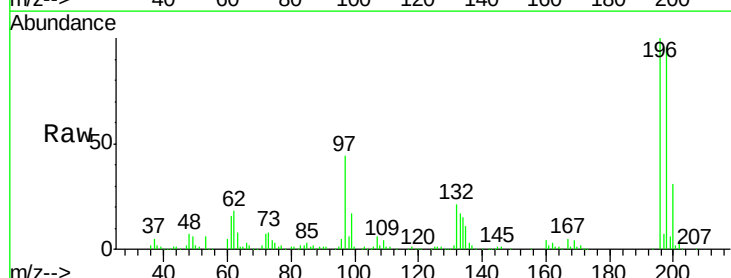
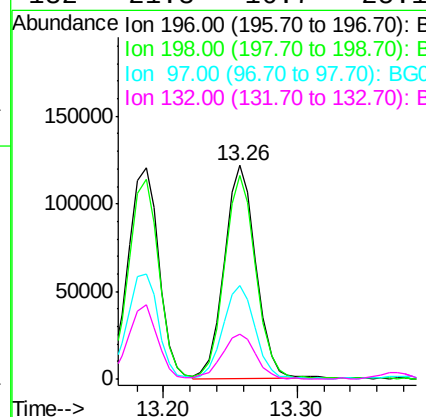
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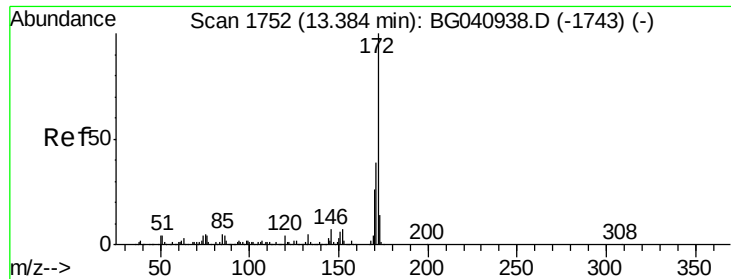
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#44
2,4,5-Trichlorophenol
Concen: 46.889 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.01 min
Lab File: BG041030.D
Acq: 3 Jun 2019 12:27

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	202242		
198	95.6	75.1	112.7	
97	44.0	35.6	53.4	
132	21.3	16.7	25.1	





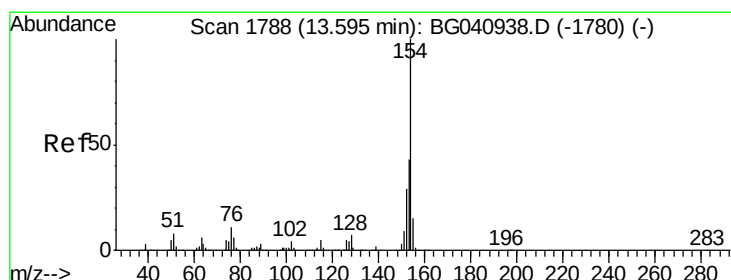
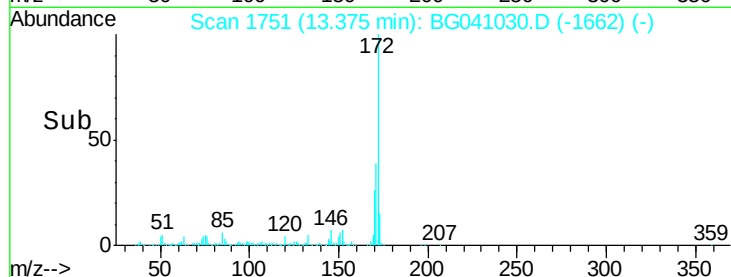
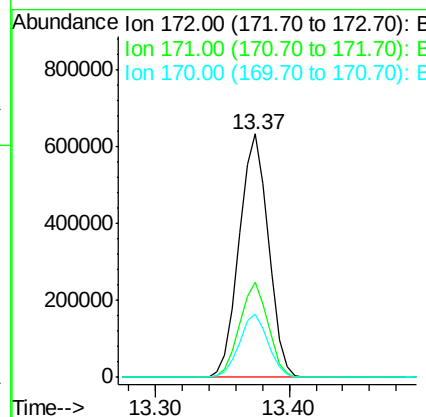
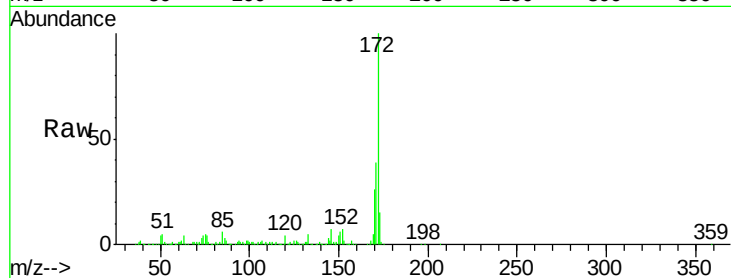
#45
2-Fluorobiphenyl
Concen: 88.134 ng
RT: 13.37 min Scan# 1751
Delta R.T. -0.01 min
Lab File: BG041030.D
Acq: 3 Jun 2019 12:27

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

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.8	31.1	46.7
170	25.9	20.5	30.7

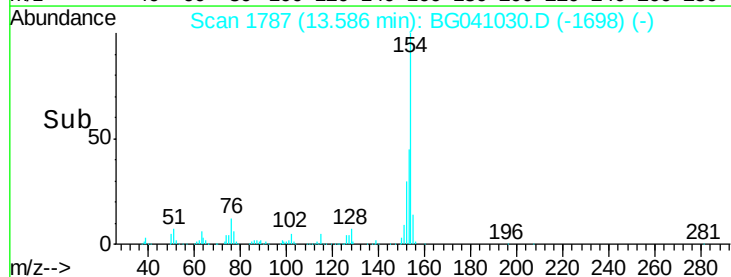
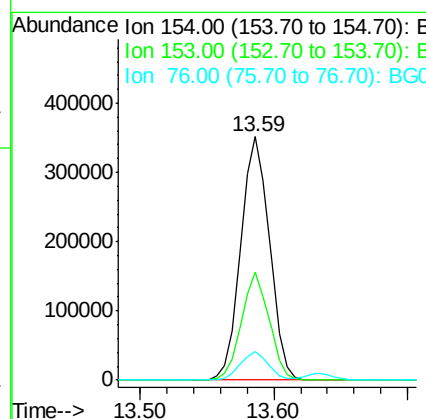
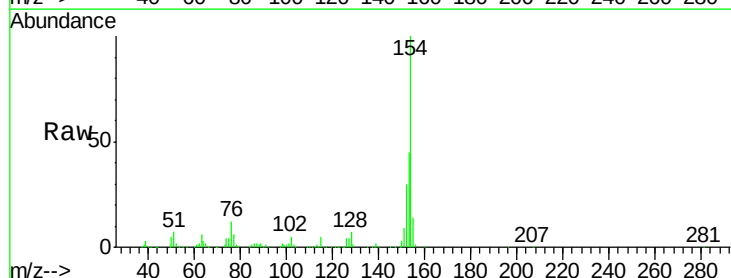
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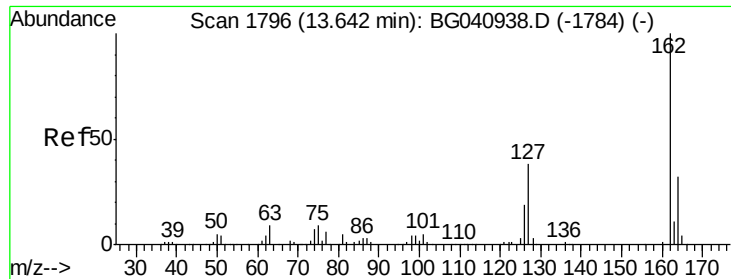
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#46
1,1'-Biphenyl
Concen: 44.993 ng
RT: 13.59 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BG041030.D
Acq: 3 Jun 2019 12:27

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.6	23.3	63.3
76	11.7	0.0	31.1





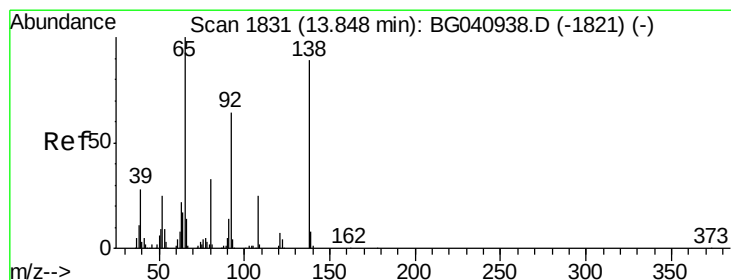
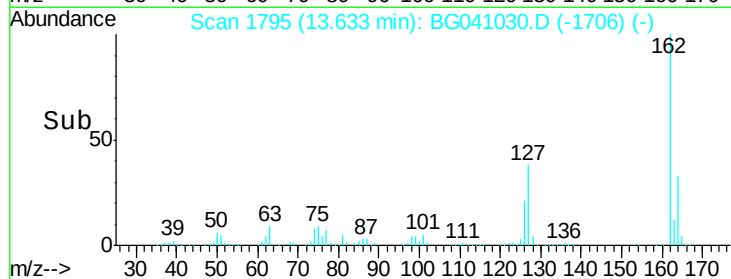
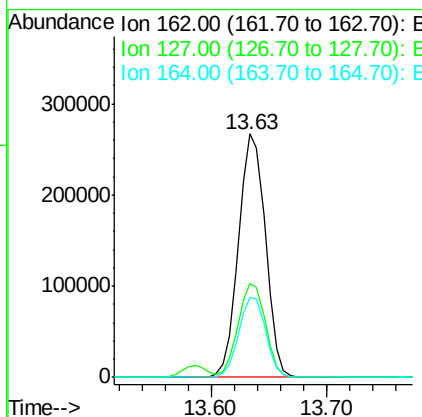
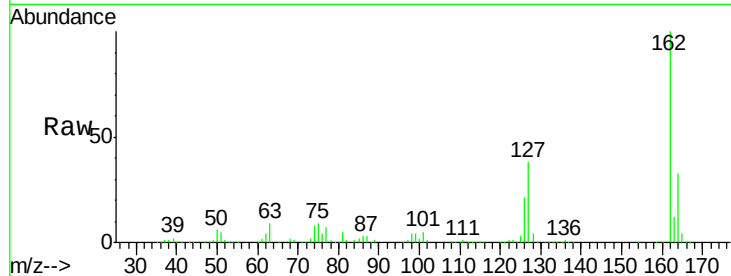
#47
 2-Chloronaphthalene
 Concen: 43.279 ng
 RT: 13.63 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: BG041030.D
 Acq: 3 Jun 2019 12:27

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

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.3	30.5	45.7
164	32.9	25.8	38.6

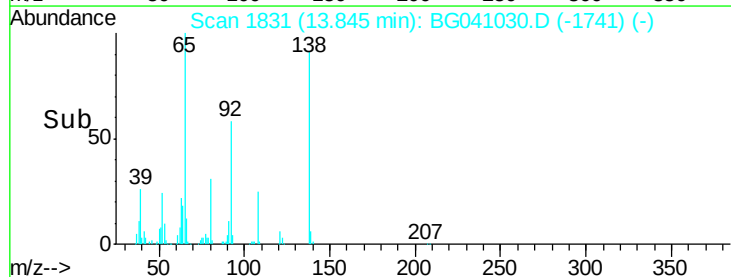
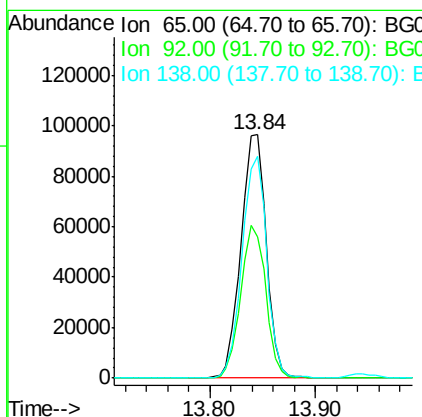
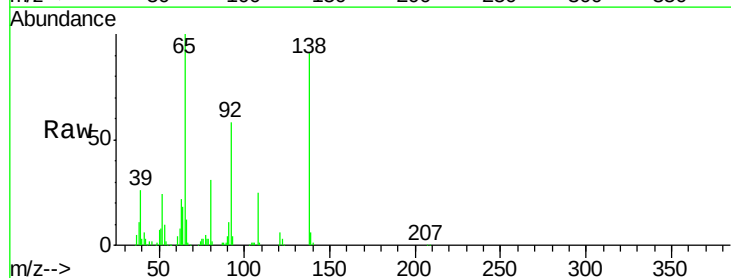
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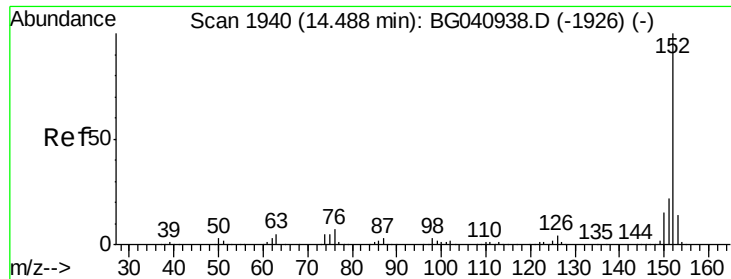
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#48
 2-Nitroaniline
 Concen: 45.050 ng
 RT: 13.84 min Scan# 1831
 Delta R.T. -0.00 min
 Lab File: BG041030.D
 Acq: 3 Jun 2019 12:27

Tgt Ion	Ratio	Lower	Upper
65	100		
92	58.2	51.0	76.6
138	91.1	71.2	106.8





#49

Acenaphthylene

Concen: 44.836 ng

RT: 14.48 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

Instrument :

BNA_G

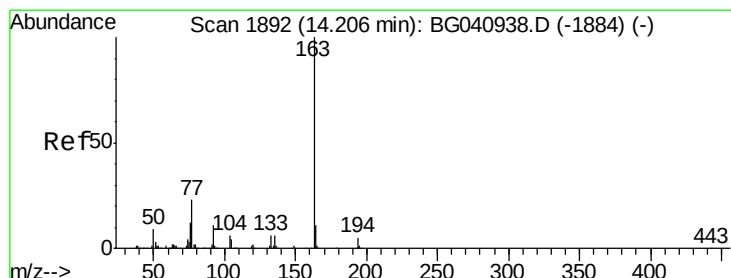
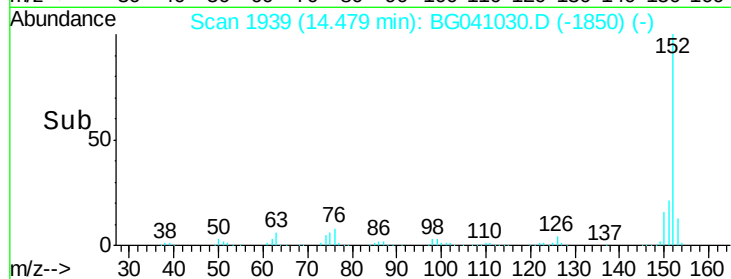
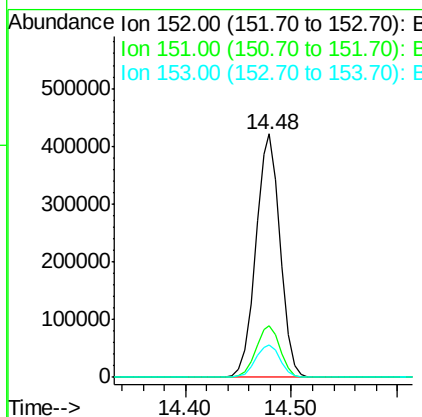
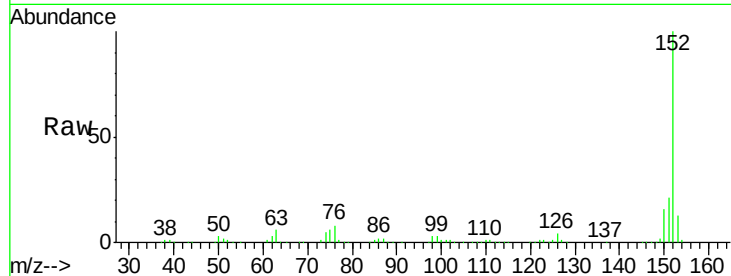
ClientSampleId :

FESB-23(3-3.5)MS

Tot Ion:	152	Resp:	672599
Ion Ratio	Lower	Upper	
152	100		
151	21.4	17.4	26.0
153	13.4	11.0	16.4

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#50

Dimethylphthalate

Concen: 52.423 ng

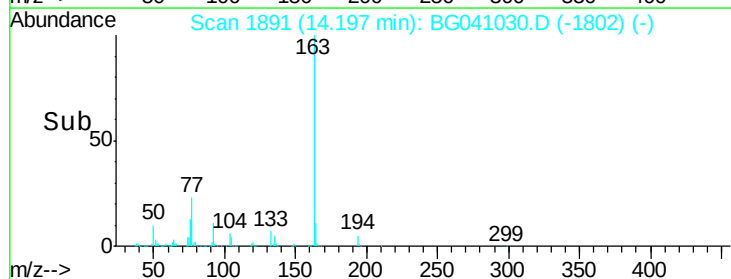
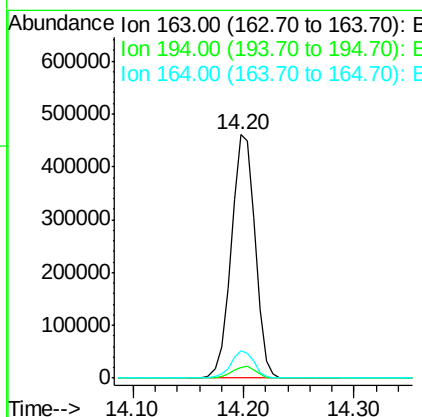
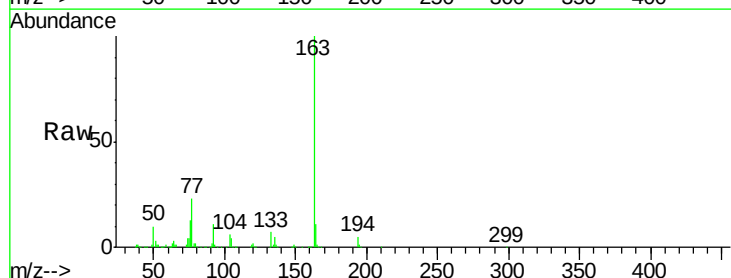
RT: 14.20 min Scan# 1891

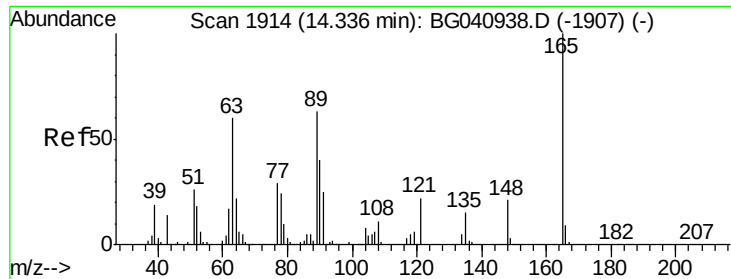
Delta R.T. -0.01 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

Tgt Ion:	163	Resp:	696045
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.8	5.8
164	11.3	8.7	13.1





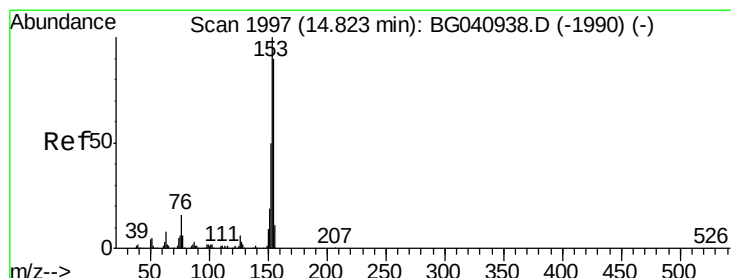
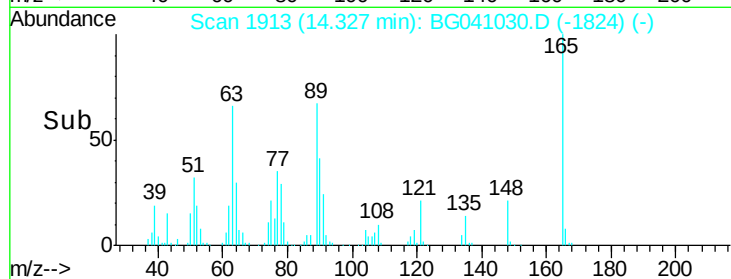
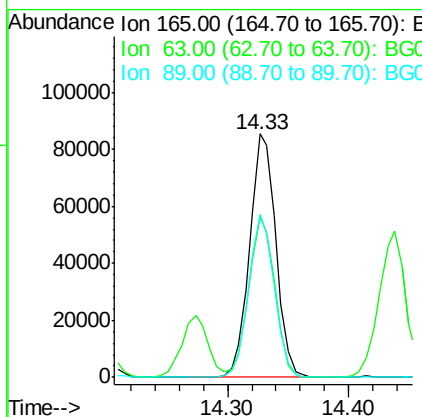
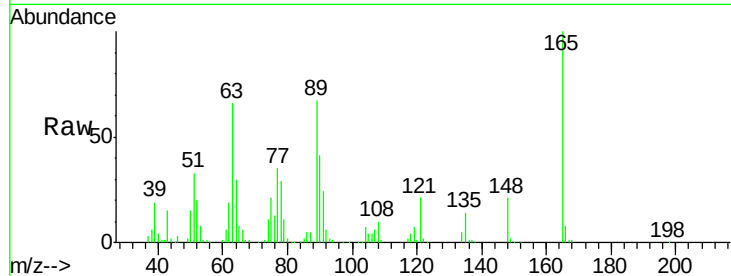
#51
 2,6-Dinitrotoluene
 Concen: 45.063 ng
 RT: 14.33 min Scan# 1913
 Delta R.T. -0.01 min
 Lab File: BG041030.D
 Acq: 3 Jun 2019 12:27

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

Tot Ion	Ratio	Lower	Upper
165	100		
63	65.8	53.6	80.4
89	66.8	50.4	75.6

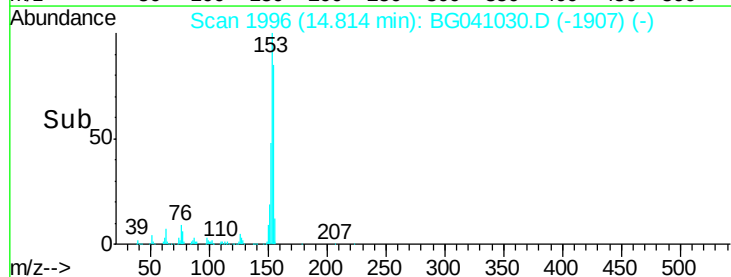
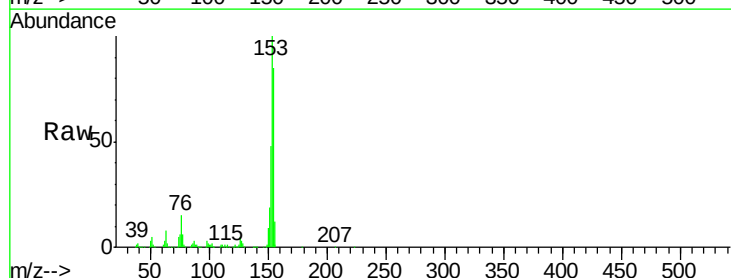
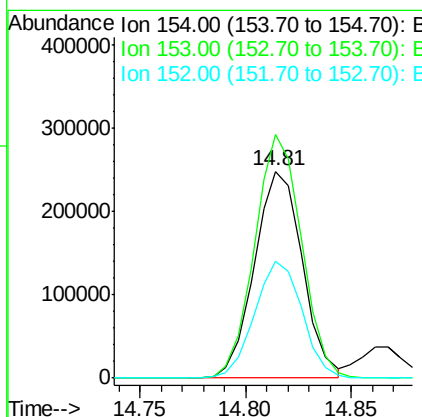
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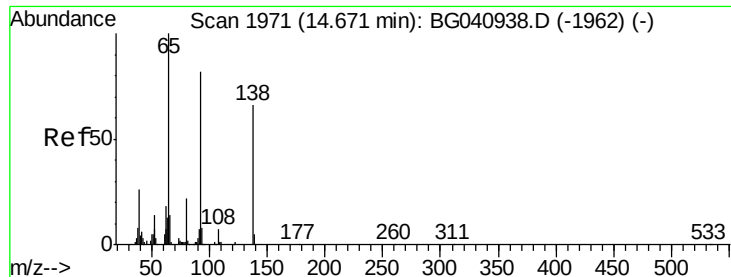
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#52
 Acenaphthene
 Concen: 43.078 ng
 RT: 14.81 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BG041030.D
 Acq: 3 Jun 2019 12:27

Tgt Ion	Ratio	Lower	Upper
154	100		
153	117.8	88.6	133.0
152	56.3	44.2	66.4





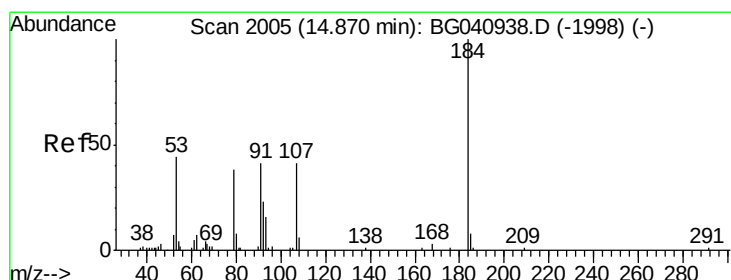
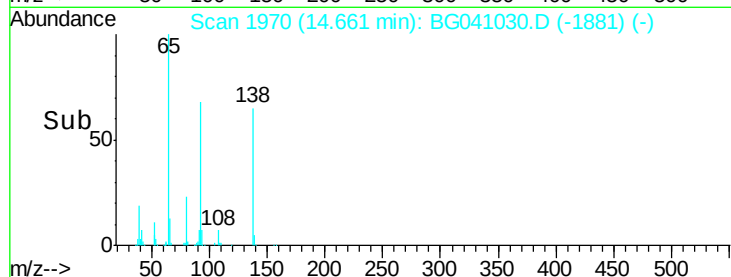
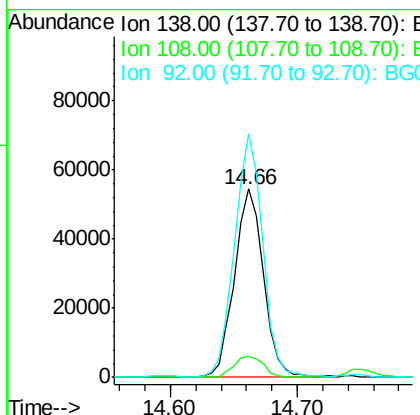
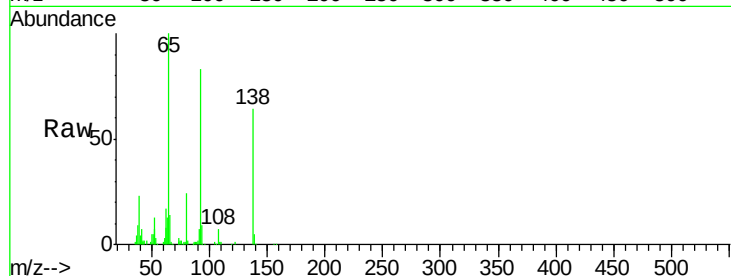
#53
3-Nitroaniline
Concen: 30.141 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG041030.D
Acq: 3 Jun 2019 12:27

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

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.3	8.5	12.7
92	129.5	99.0	148.6

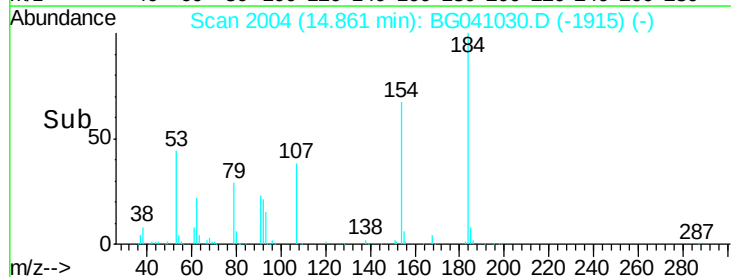
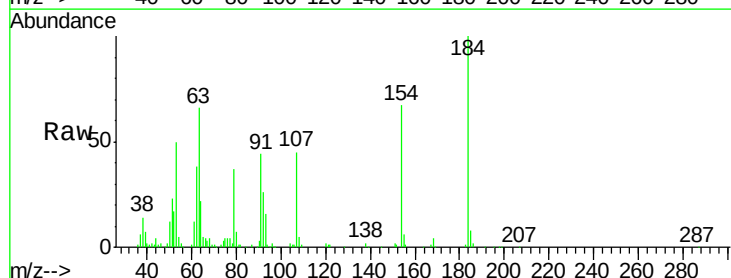
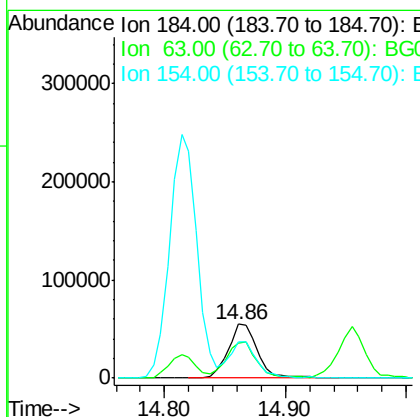
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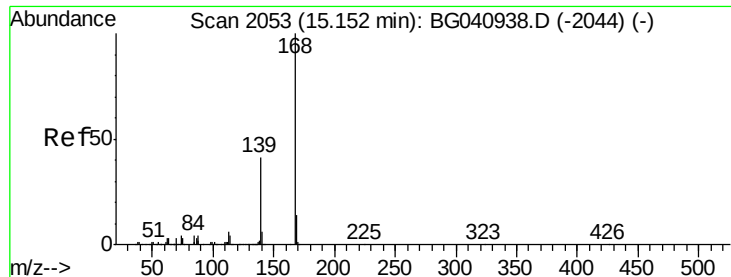
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#54
2,4-Dinitrophenol
Concen: 67.272 ng
RT: 14.86 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BG041030.D
Acq: 3 Jun 2019 12:27

Tgt Ion	Ratio	Lower	Upper
184	100		
63	66.3	49.8	74.6
154	67.4	52.2	78.4





#55

Dibenzenofuran

Concen: 44.112 ng

RT: 15.15 min Scan# 2053

Delta R.T. -0.00 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

Instrument :

BNA_G

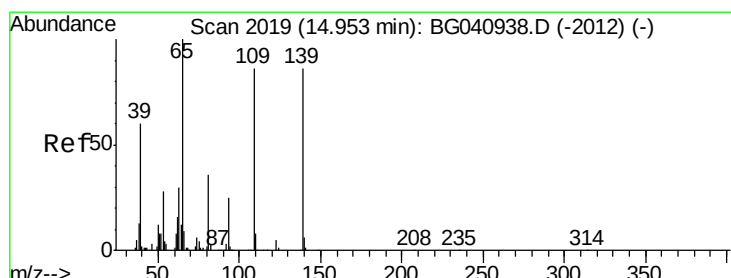
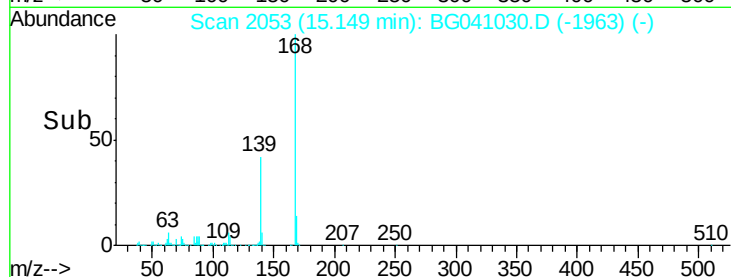
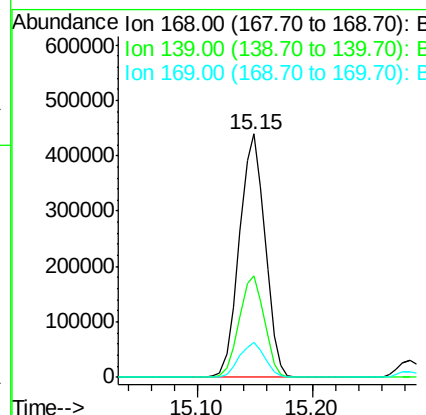
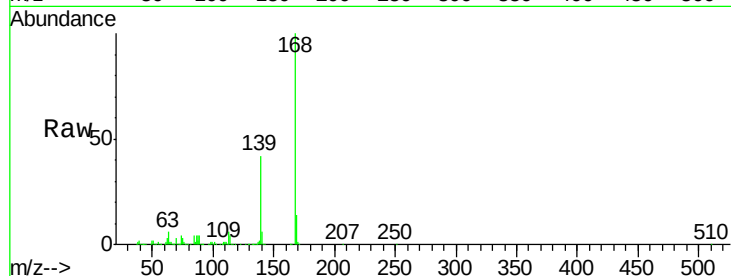
ClientSampleId :

FESB-23(3-3.5)MS

Tot Ion:	168	Resp:	674537
Ion Ratio	Lower	Upper	
168	100		
139	41.6	32.8	49.2
169	14.2	11.3	16.9

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#56

4-Nitrophenol

Concen: 100.040 ng

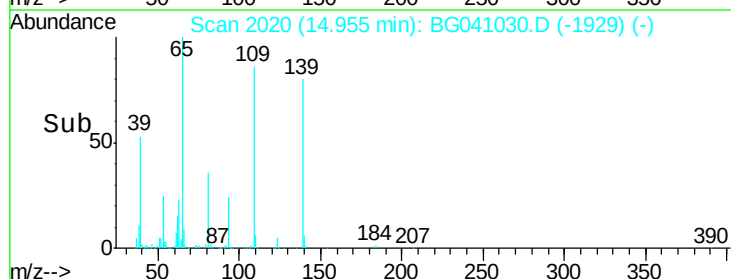
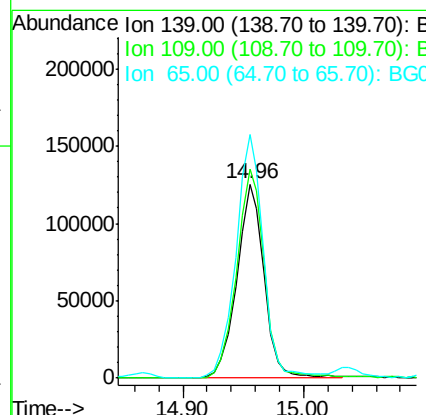
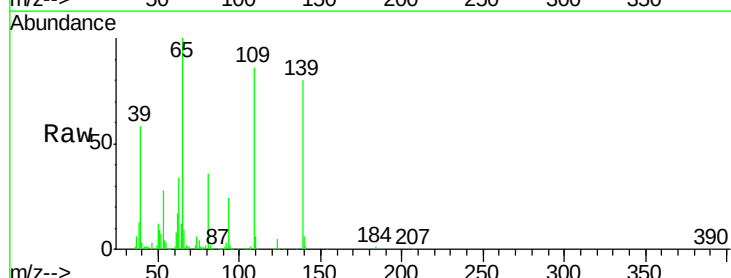
RT: 14.96 min Scan# 2020

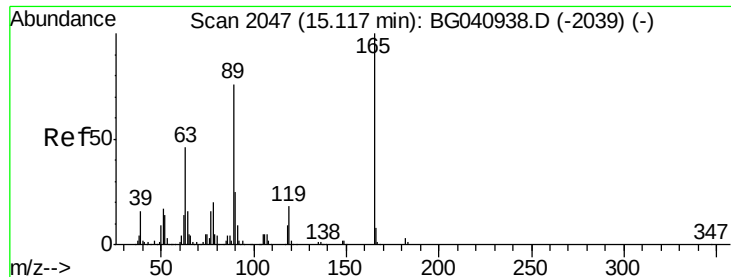
Delta R.T. 0.00 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

Tgt Ion:	139	Resp:	196429
Ion Ratio	Lower	Upper	
139	100		
109	107.6	79.6	119.6
65	125.7	96.9	136.9





#57

2,4-Dinitrotoluene

Concen: 45.719 ng

RT: 15.11 min Scan# 2047

Delta R.T. -0.00 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

Instrument :

BNA_G

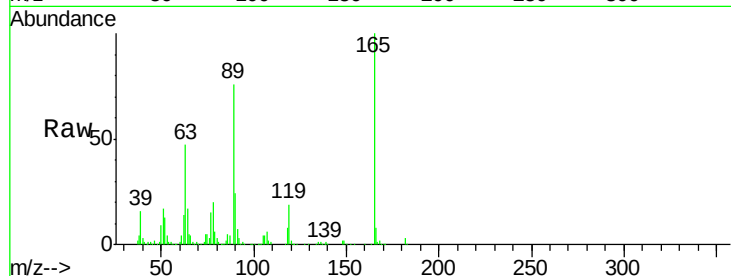
ClientSampleId :

FESB-23(3-3.5)MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	184879		
63	47.2		37.3	55.9
89	75.5		61.0	91.6
182	3.2		2.2	3.2

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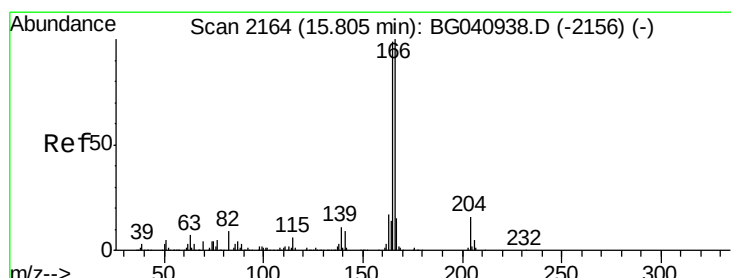
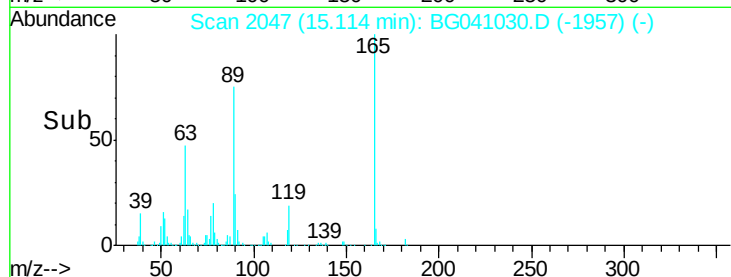
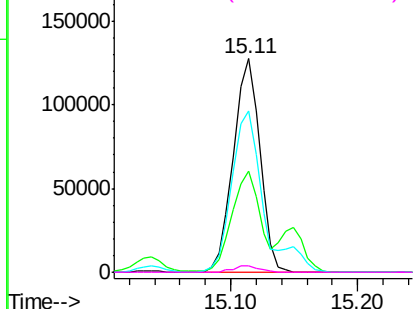


Abundance Ion 165.00 (164.70 to 165.70): E

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: 43.716 ng

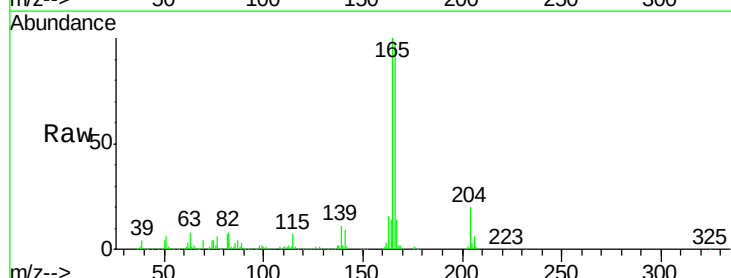
RT: 15.80 min Scan# 2163

Delta R.T. -0.01 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

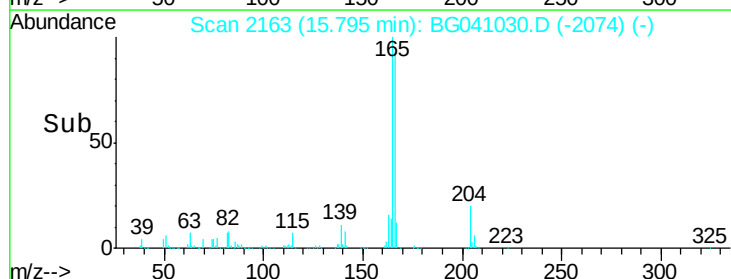
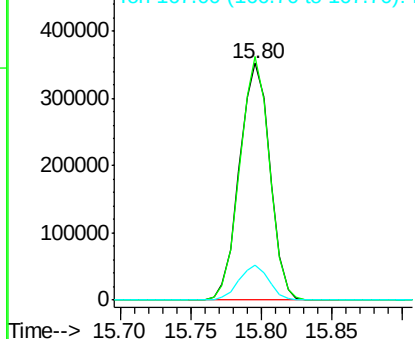
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	532373		
165	102.9		79.2	118.8
167	14.6		11.8	17.6

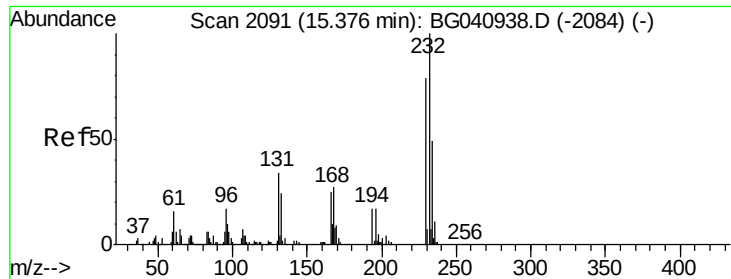


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





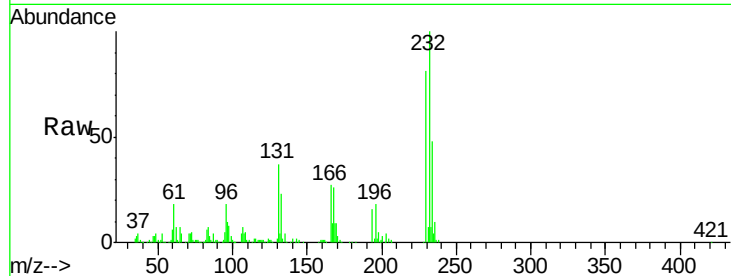
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.414 ng
 RT: 15.37 min Scan# 2090
 Delta R.T. -0.01 min
 Lab File: BG041030.D
 Acq: 3 Jun 2019 12:27

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

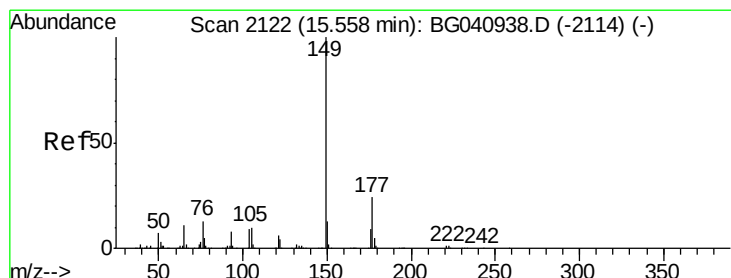
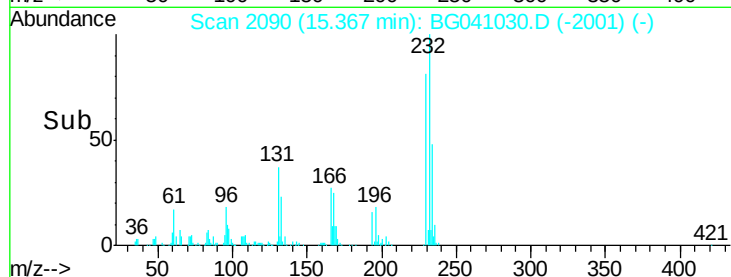
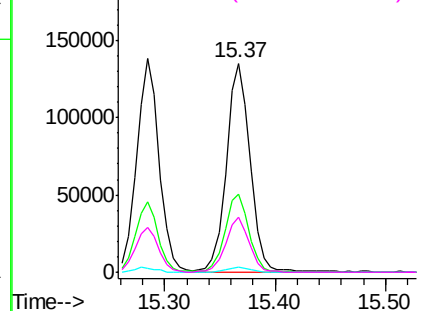
Tot Ion	Ratio	Resp	Lower	Upper
232	100	200976		
131	37.9		30.3	45.5
130	2.3		1.8	2.8
166	26.3		21.3	31.9

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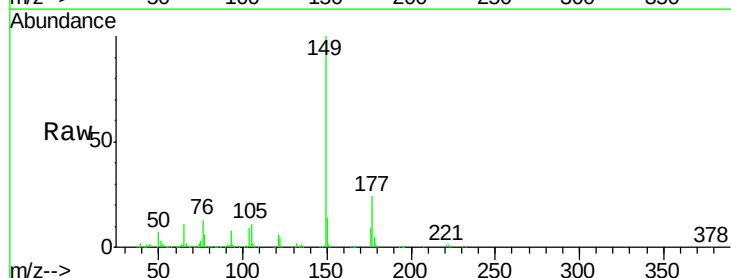


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

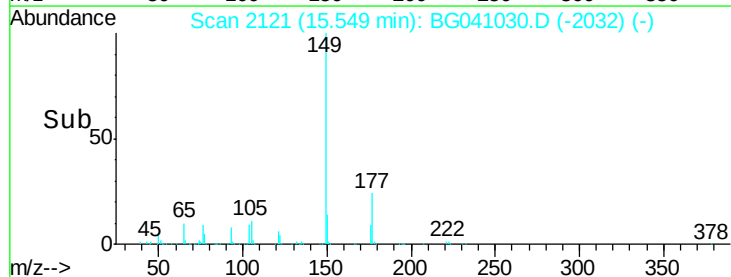
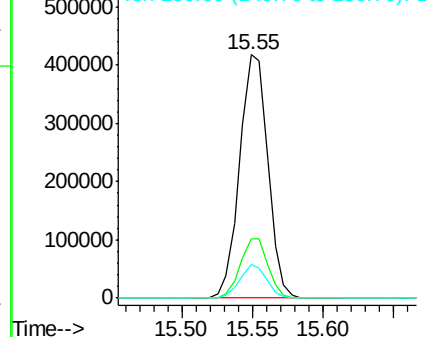


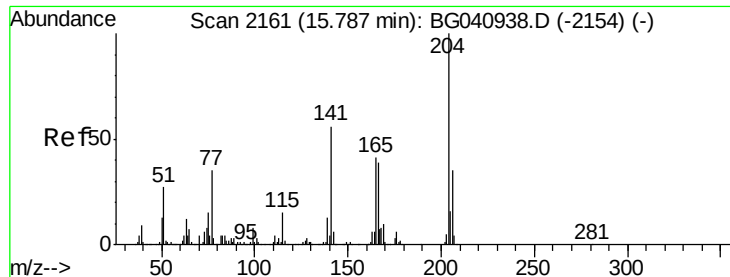
#60
 Diethylphthalate
 Concen: 43.001 ng
 RT: 15.55 min Scan# 2121
 Delta R.T. -0.01 min
 Lab File: BG041030.D
 Acq: 3 Jun 2019 12:27

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	582662		
177	24.1		19.4	29.0
150	13.7		10.3	15.5



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





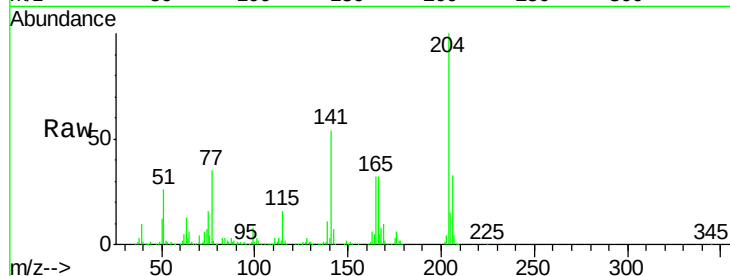
#61
4-Chlorophenyl-phenylether
Concen: 43.276 ng
RT: 15.78 min Scan# 2160
Delta R.T. -0.01 min
Lab File: BG041030.D
Acq: 3 Jun 2019 12:27

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

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	27.6	41.4
141	54.1	45.1	67.7

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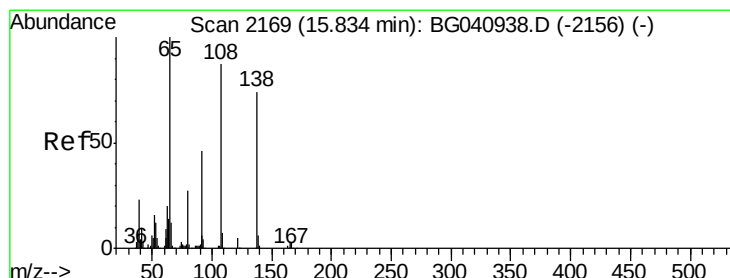
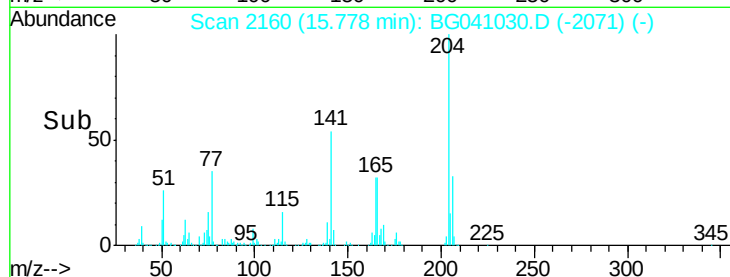
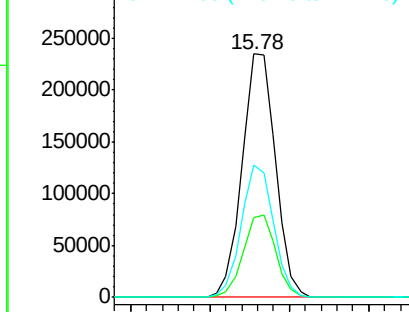


Abundance

Ion 204.00 (203.70 to 204.70): E

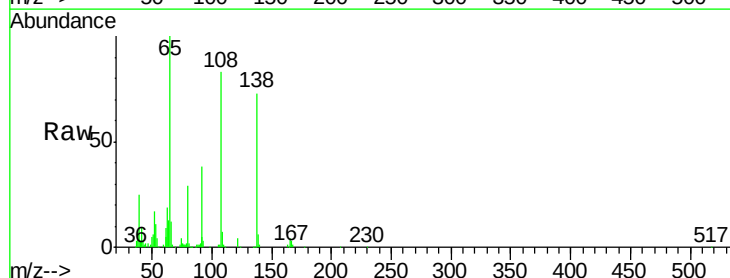
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 42.874 ng
RT: 15.82 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BG041030.D
Acq: 3 Jun 2019 12:27

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.1	42.4	82.4
108	113.5	96.9	136.9

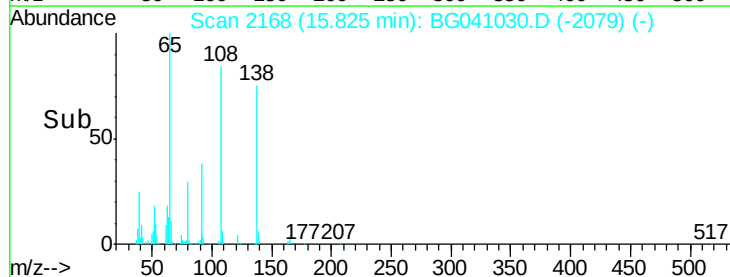
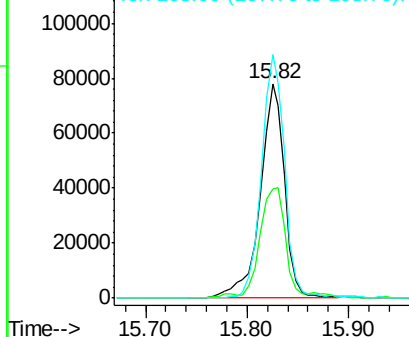


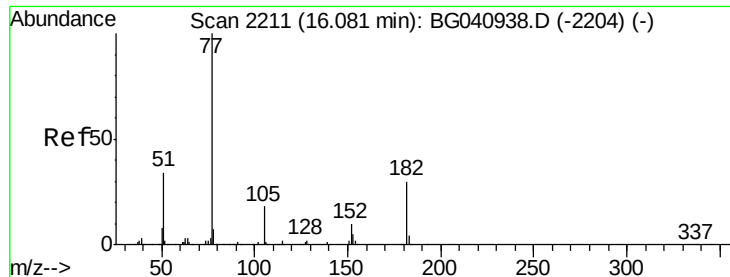
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





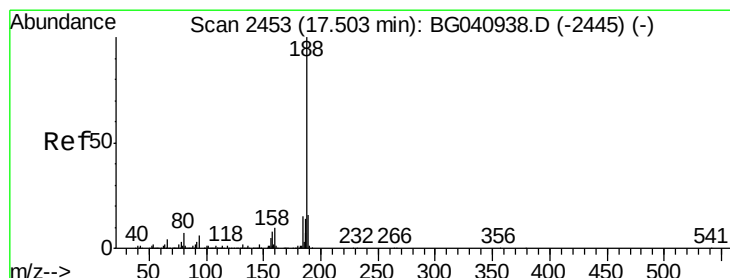
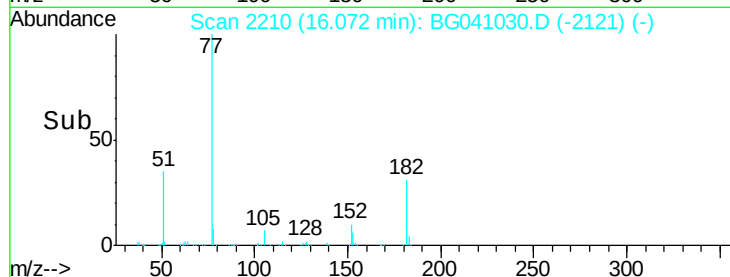
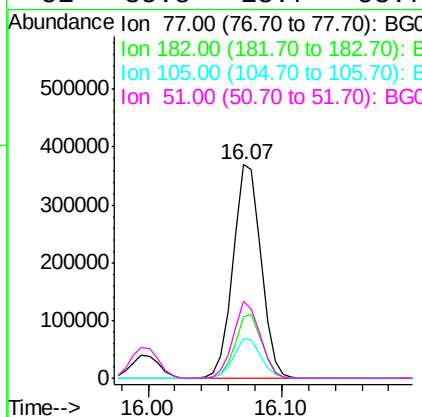
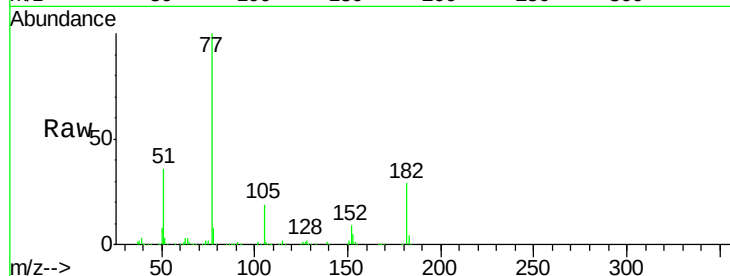
#63
Azobenzene
Concen: 43.546 ng
RT: 16.07 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BG041030.D
Acq: 3 Jun 2019 12:27

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		536290		
182	28.8	9.6	49.6		
105	18.6	0.0	37.5		
51	35.8	13.7	53.7		

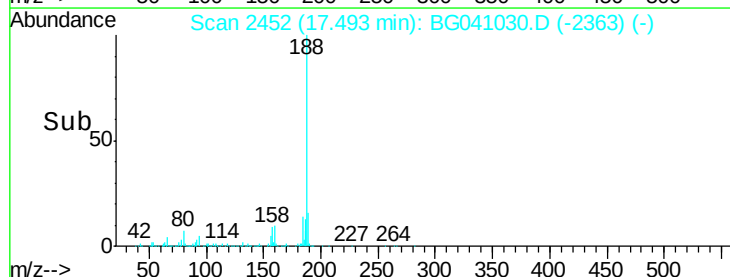
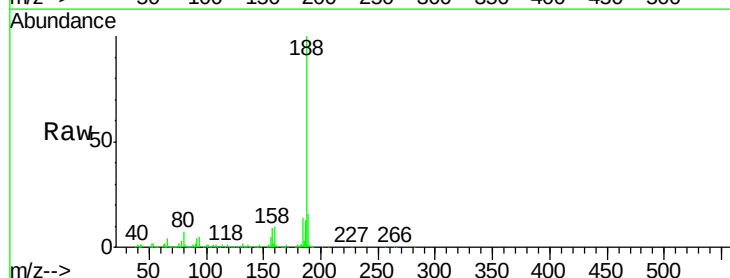
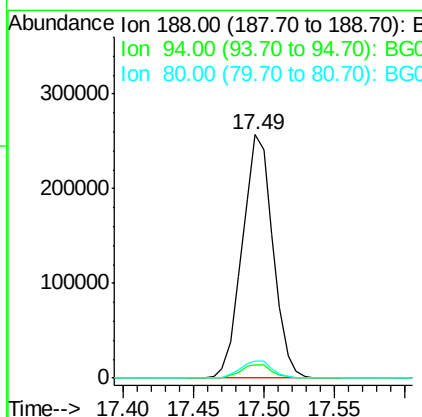
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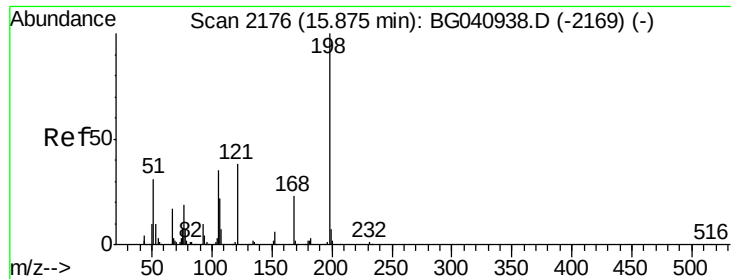
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2452
Delta R.T. -0.01 min
Lab File: BG041030.D
Acq: 3 Jun 2019 12:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		389666		
94	5.2	4.7	7.1		
80	6.9	5.8	8.8		





#65

4,6-Dinitro-2-methylphenol

Concen: 45.765 ng

RT: 15.87 min Scan# 2176

Delta R.T. -0.00 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

Instrument :

BNA_G

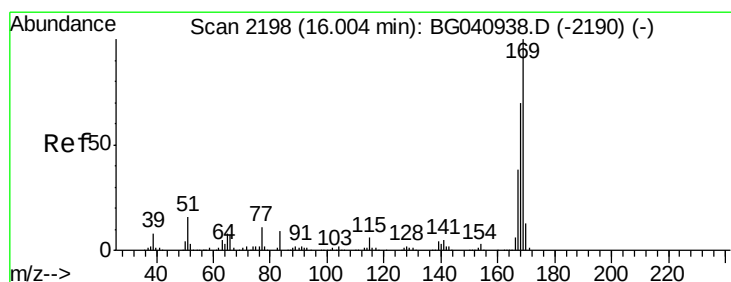
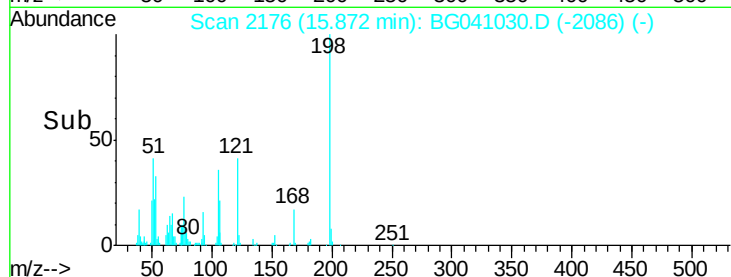
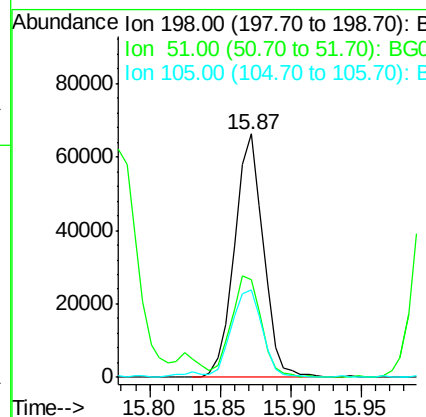
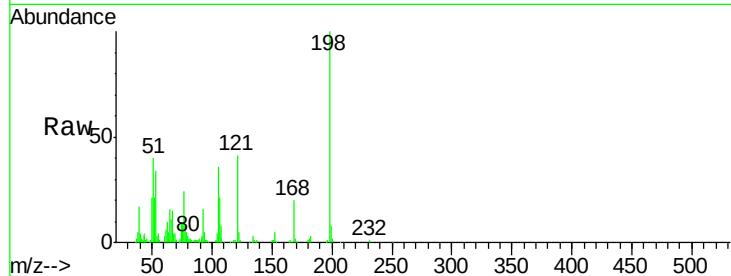
ClientSampleId :

FESB-23(3-3.5)MS

Tot Ion:	198	Resp:	94542
Ion Ratio	Lower	Upper	
198	100		
51	40.3	21.6	61.6
105	35.7	17.5	57.5

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#66

n-Nitrosodiphenylamine

Concen: 44.520 ng

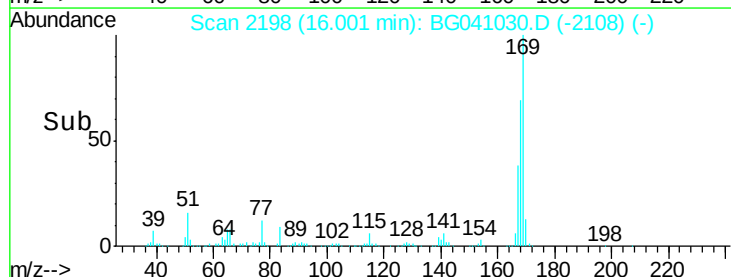
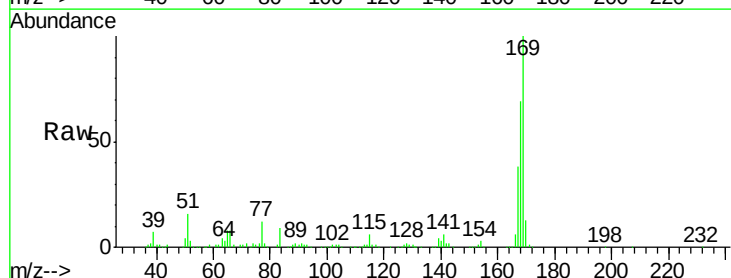
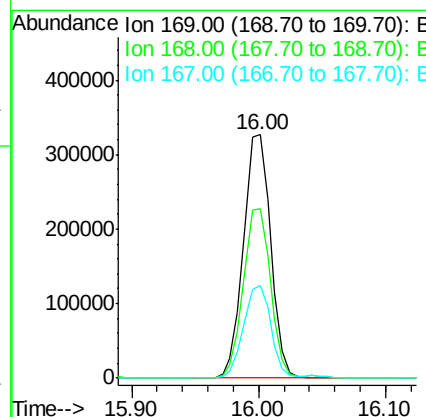
RT: 16.00 min Scan# 2198

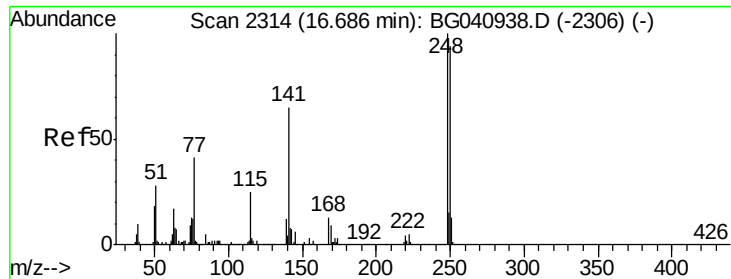
Delta R.T. -0.00 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

Tgt Ion:	169	Resp:	487666
Ion Ratio	Lower	Upper	
169	100		
168	69.4	55.7	83.5
167	38.3	30.2	45.2





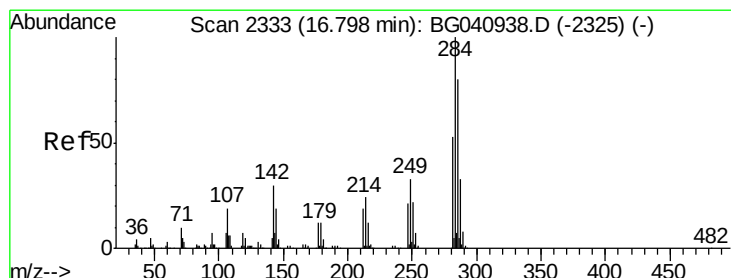
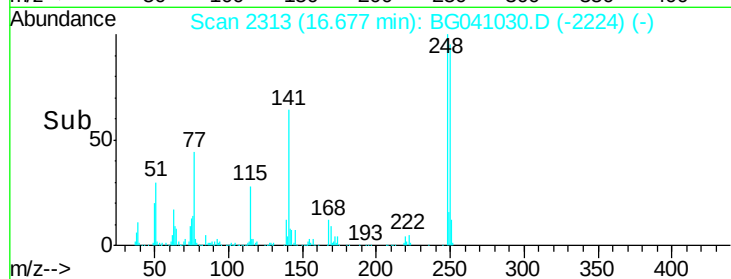
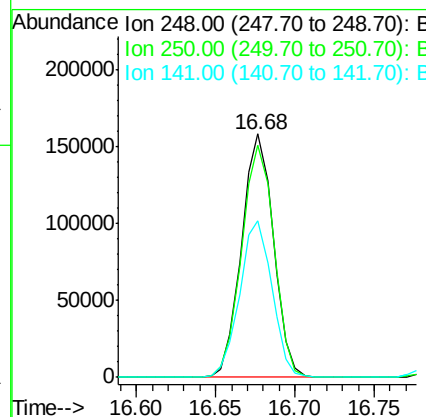
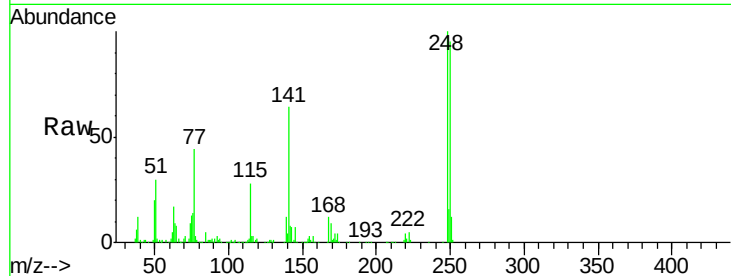
#67
4-Bromophenyl-phenylether
Concen: 42.074 ng
RT: 16.68 min Scan# 2313
Delta R.T. -0.01 min
Lab File: BG041030.D
Acq: 3 Jun 2019 12:27

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

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.1	75.0	112.4
141	64.3	52.4	78.6

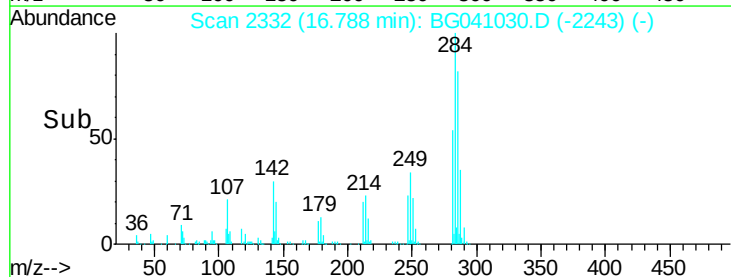
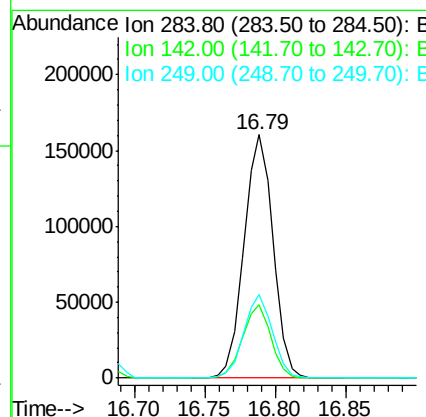
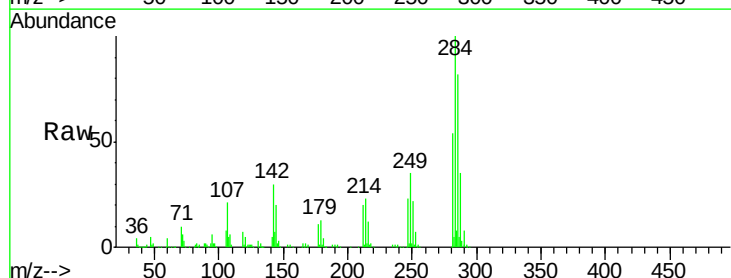
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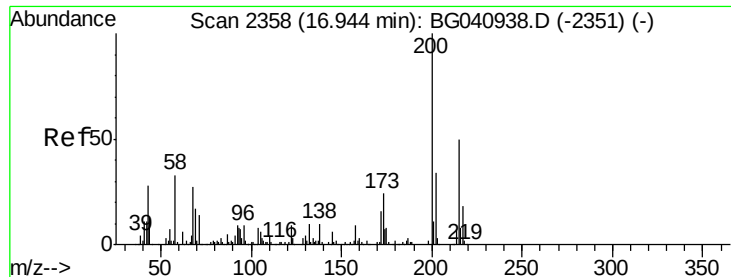
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#68
Hexachlorobenzene
Concen: 41.173 ng
RT: 16.79 min Scan# 2332
Delta R.T. -0.01 min
Lab File: BG041030.D
Acq: 3 Jun 2019 12:27

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.2	23.9	35.9
249	34.6	26.8	40.2





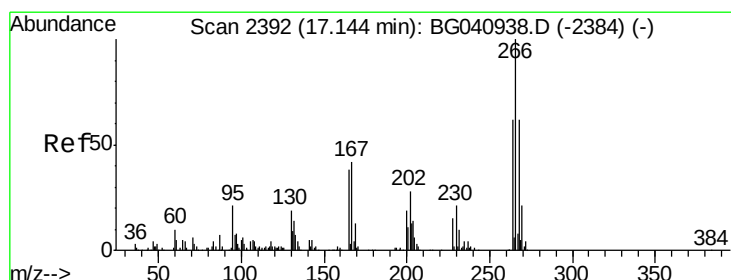
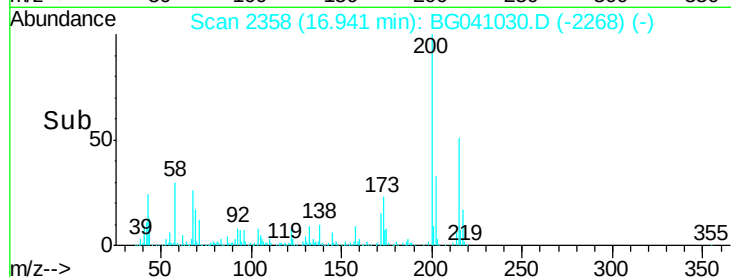
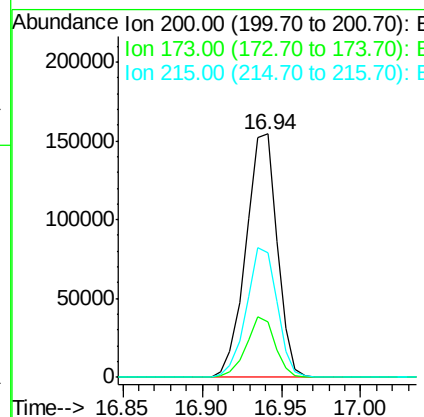
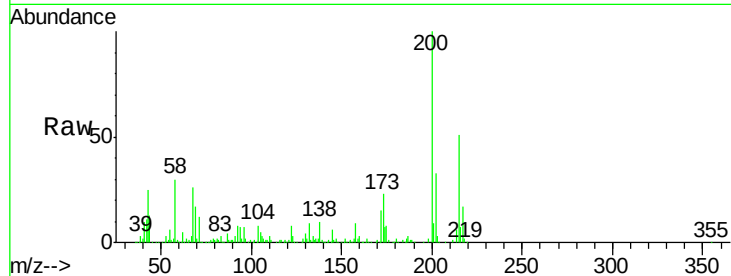
#69
Atrazine
Concen: 50.071 ng
RT: 16.94 min Scan# 2358
Delta R.T. -0.00 min
Lab File: BG041030.D
Acq: 3 Jun 2019 12:27

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

Tot Ion	Ratio	Lower	Upper
200	100		
173	22.7	3.6	43.6
215	51.2	29.6	69.6

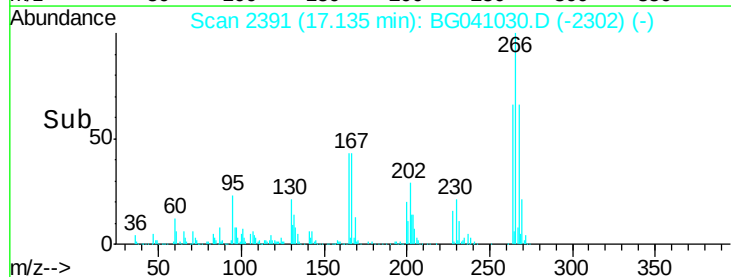
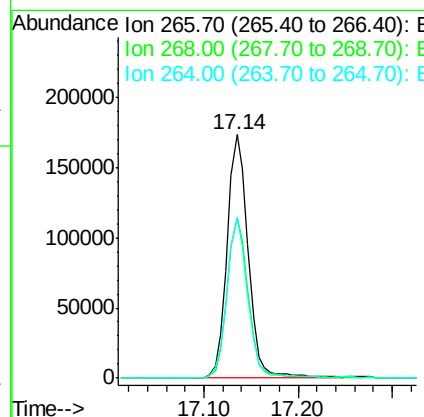
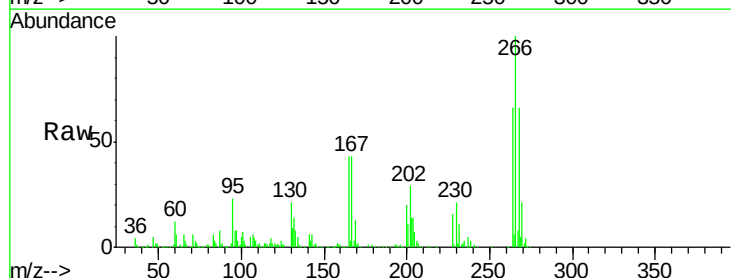
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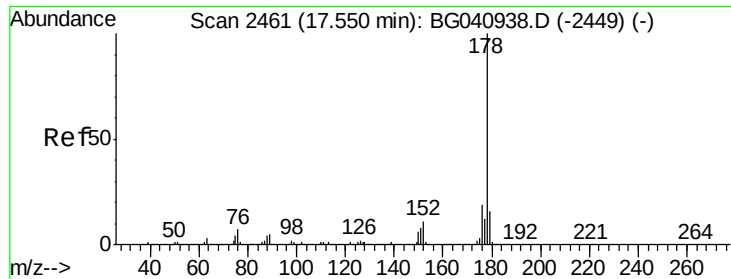
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#70
Pentachlorophenol
Concen: 90.122 ng
RT: 17.14 min Scan# 2391
Delta R.T. -0.01 min
Lab File: BG041030.D
Acq: 3 Jun 2019 12:27

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.9	53.1	79.7
264	66.1	49.9	74.9





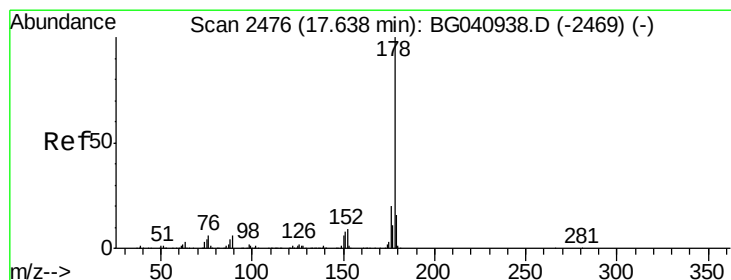
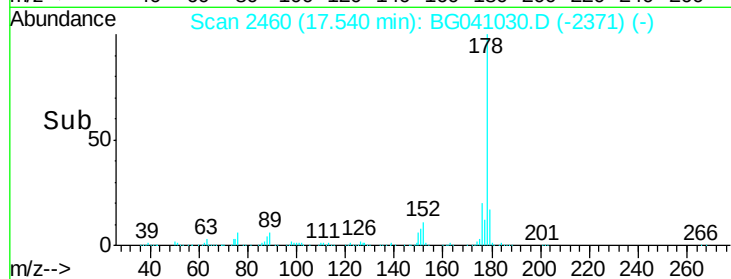
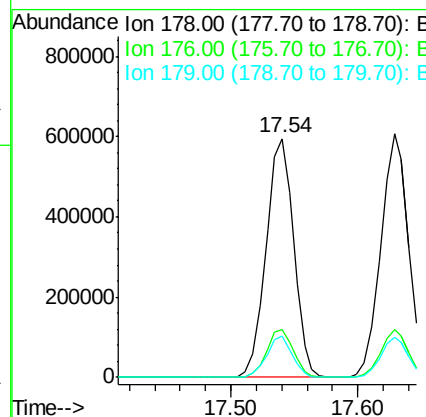
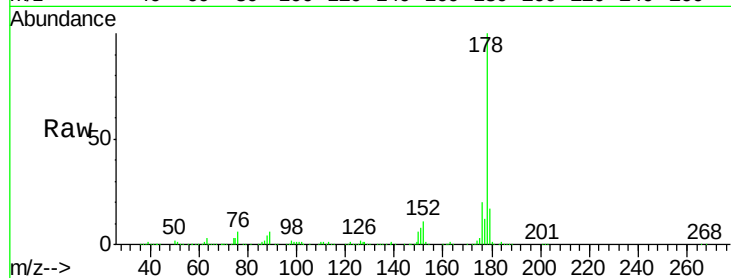
#71
Phenanthrene
Concen: 44.514 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG041030.D
Acq: 3 Jun 2019 12:27

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.5	23.3
179	17.1	12.7	19.1

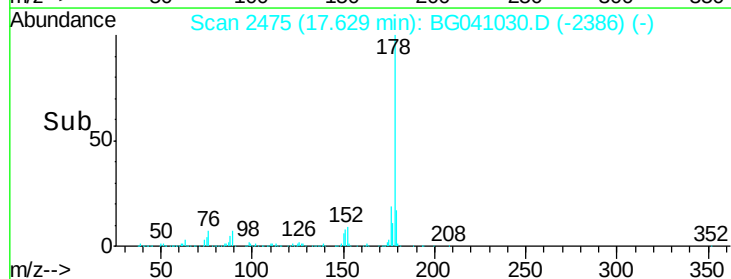
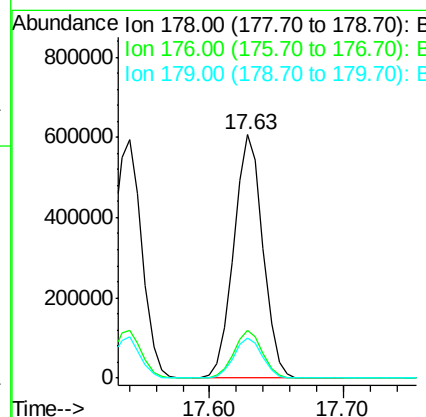
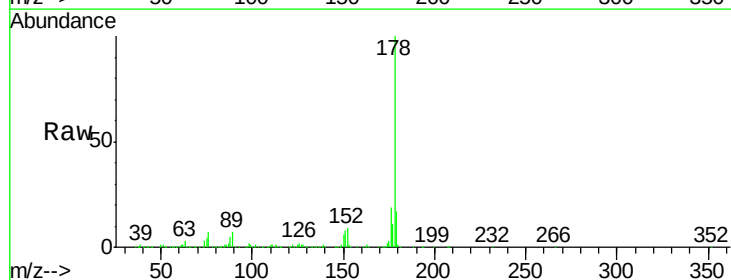
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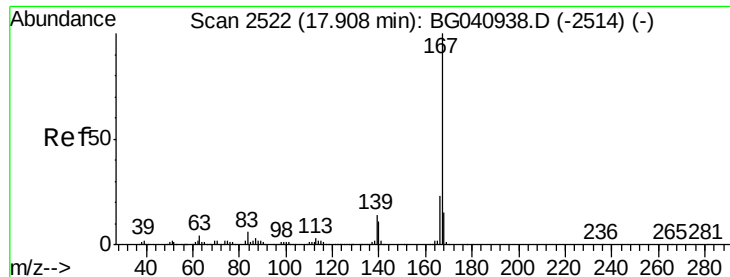
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#72
Anthracene
Concen: 45.981 ng
RT: 17.63 min Scan# 2475
Delta R.T. -0.01 min
Lab File: BG041030.D
Acq: 3 Jun 2019 12:27

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.6	23.4
179	16.6	13.0	19.4





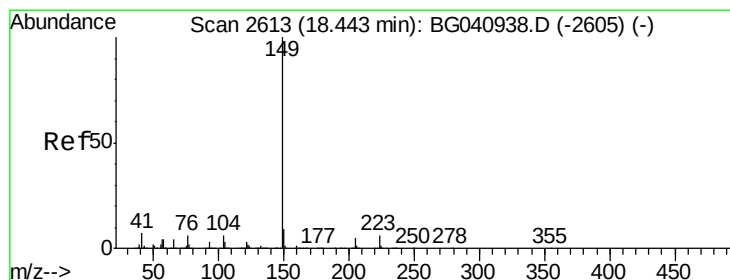
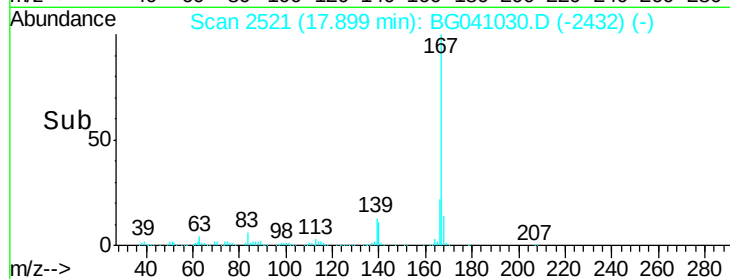
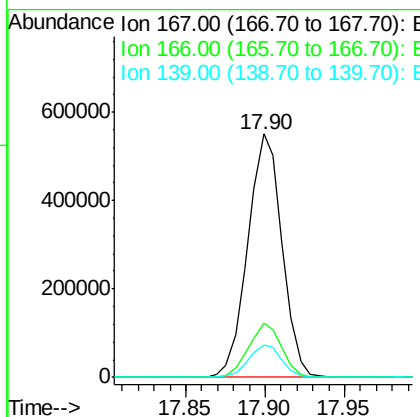
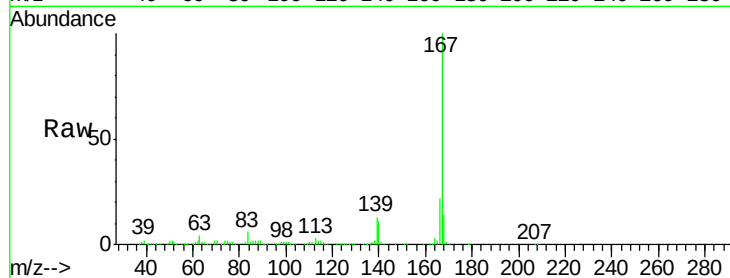
#73
 Carbazole
 Concen: 48.046 ng
 RT: 17.90 min Scan# 2521
 Delta R.T. -0.01 min
 Lab File: BG041030.D
 Acq: 3 Jun 2019 12:27

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

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.2	27.4
139	13.4	10.8	16.2

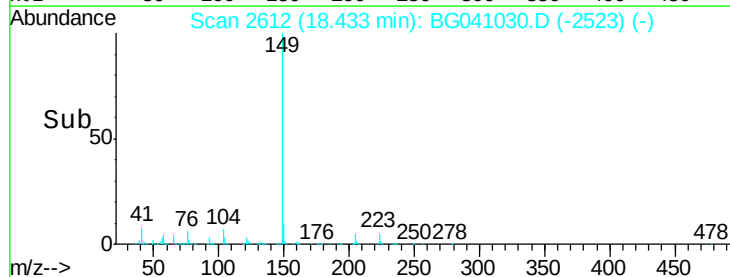
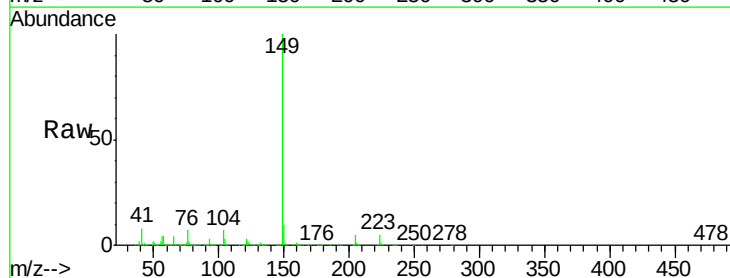
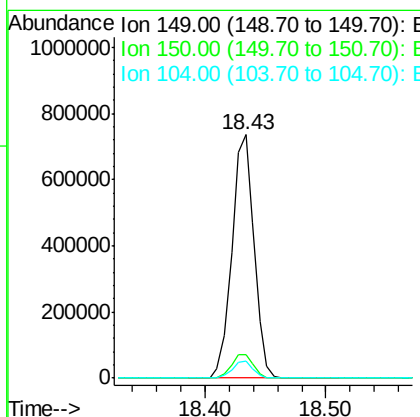
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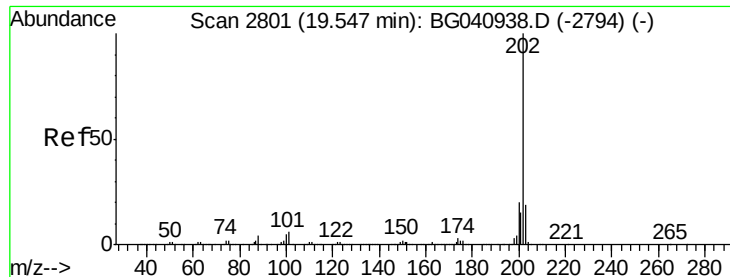
mohammad
 6/5/2019 8:35:20 AM



#74
 Di-n-butylphthalate
 Concen: 43.682 ng
 RT: 18.43 min Scan# 2612
 Delta R.T. -0.01 min
 Lab File: BG041030.D
 Acq: 3 Jun 2019 12:27

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.4	11.2
104	6.8	5.0	7.4





#75

Fluoranthene

Concen: 46.063 ng

RT: 19.54 min Scan# 2800

Delta R.T. -0.01 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

Instrument :

BNA_G

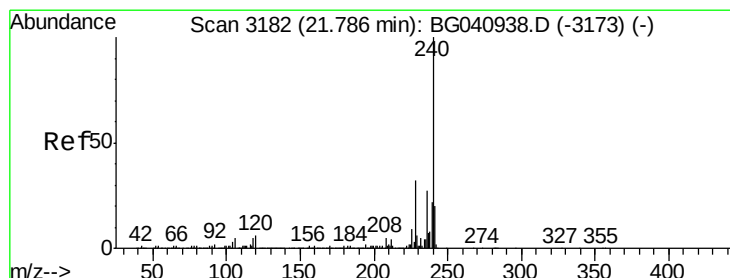
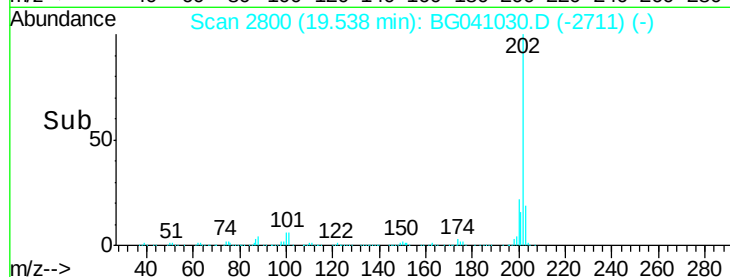
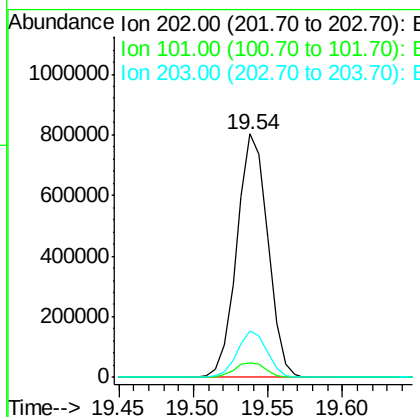
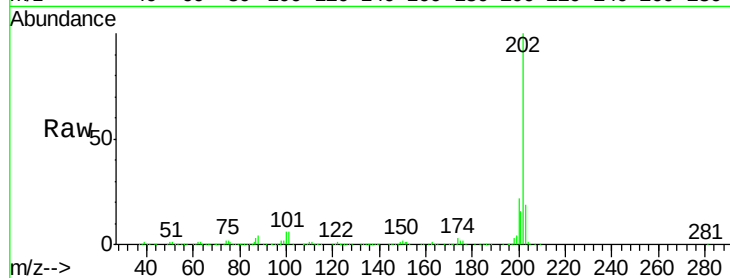
ClientSampleId :

FESB-23(3-3.5)MS

Tot Ion:	202	Resp:	1154815
Ion Ratio	Lower	Upper	
202	100		
101	6.1	0.0	26.2
203	19.0	0.0	38.7

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#76

Chrysene-d12

Concen: 20.000 ng

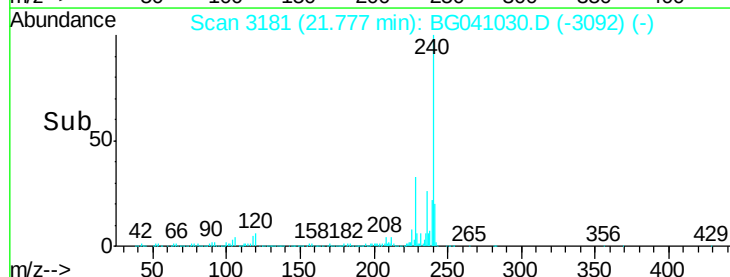
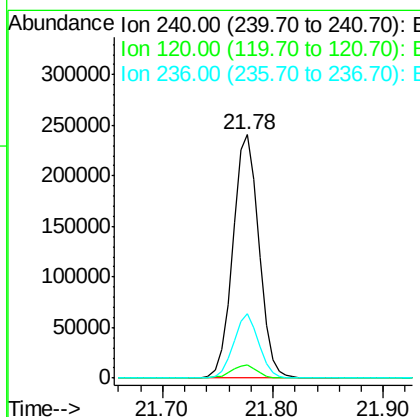
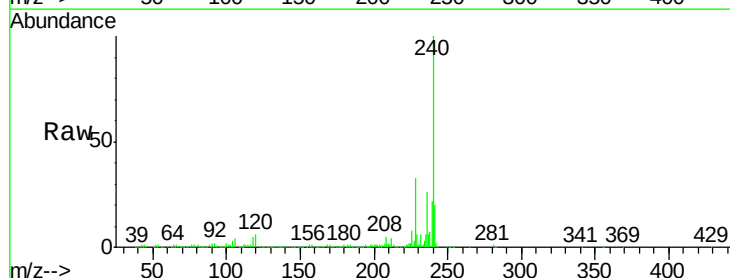
RT: 21.78 min Scan# 3181

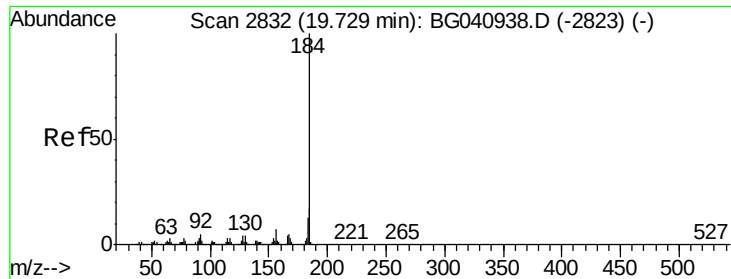
Delta R.T. -0.01 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

Tgt Ion:	240	Resp:	398682
Ion Ratio	Lower	Upper	
240	100		
120	5.5	4.5	6.7
236	26.2	21.3	31.9





#77

Benzidine

Concen: 14.777 ng

RT: 19.72 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

Instrument :

BNA_G

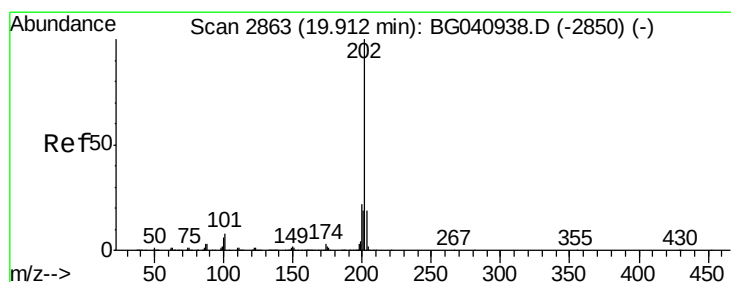
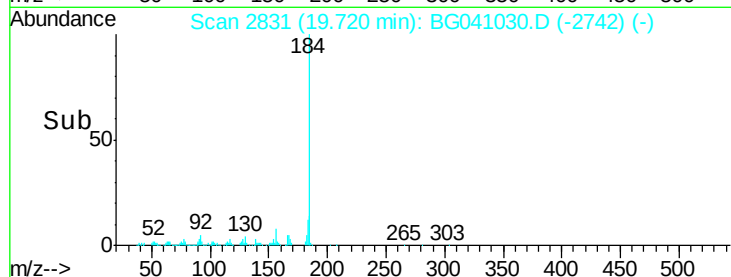
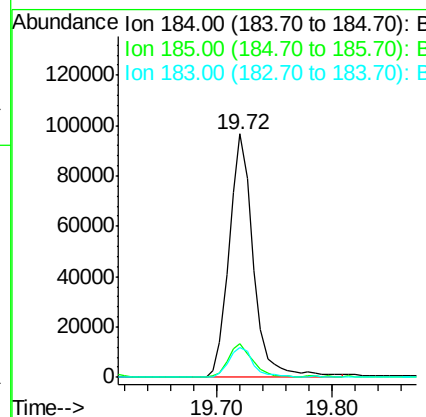
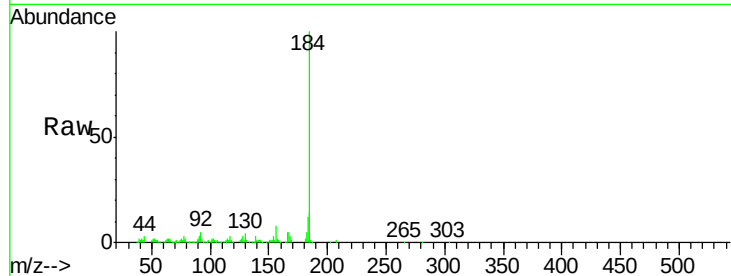
ClientSampleId :

FESB-23(3-3.5)MS

Tot Ion:	184	Resp:	140539
Ion Ratio	Lower	Upper	
184	100		
185	14.1	13.3	19.9
183	12.4	10.7	16.1

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#78

Pyrene

Concen: 44.948 ng

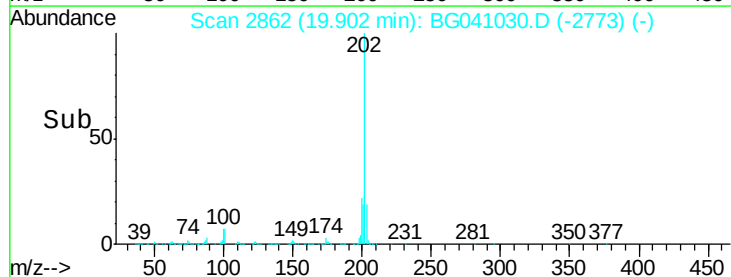
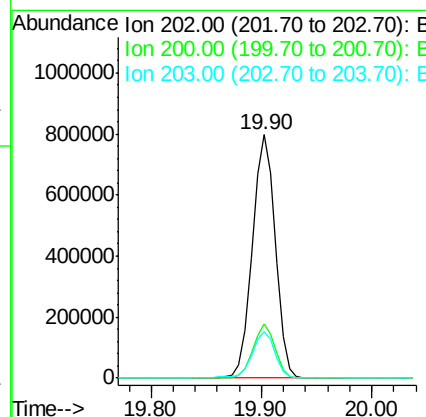
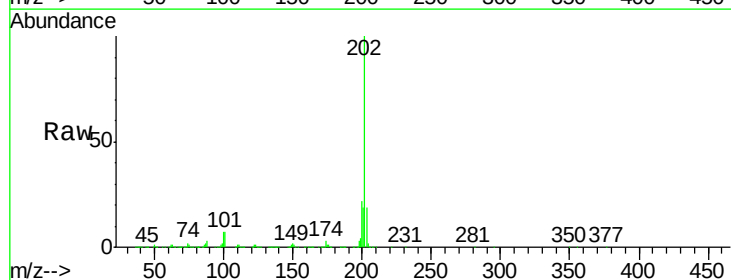
RT: 19.90 min Scan# 2862

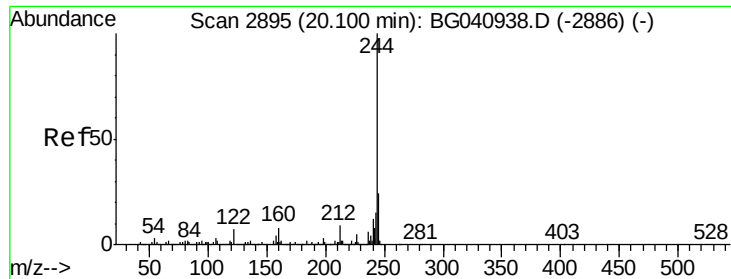
Delta R.T. -0.01 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

Tgt Ion:	202	Resp:	1164905
Ion Ratio	Lower	Upper	
202	100		
200	22.4	17.5	26.3
203	19.0	15.6	23.4





#79

Terphenyl-d14

Concen: 87.594 ng

RT: 20.09 min Scan# 2894

Delta R.T. -0.01 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

Instrument :

BNA_G

ClientSampleId :

FESB-23(3-3.5)MS

Tot Ion:244 Resp: 1645446

Ion Ratio Lower Upper

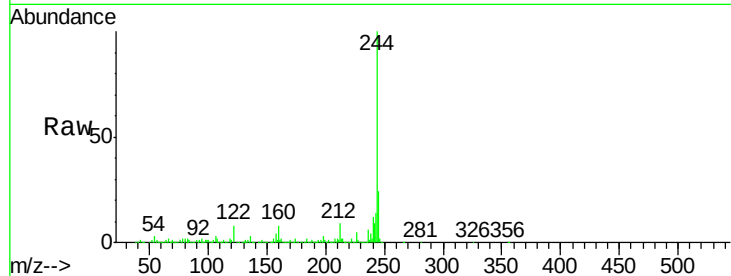
244 100

212 9.5 7.0 10.4

122 7.6 5.4 8.0

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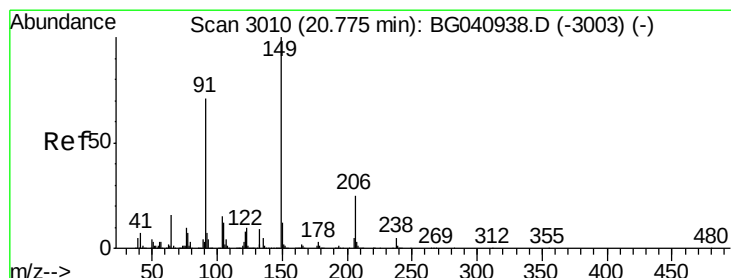
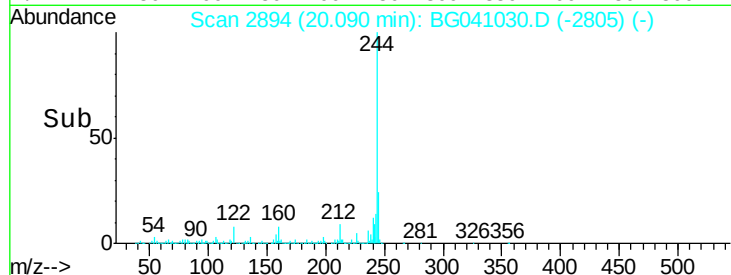
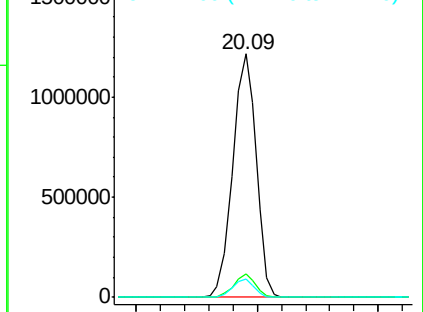
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.378 ng

RT: 20.77 min Scan# 3009

Delta R.T. -0.01 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

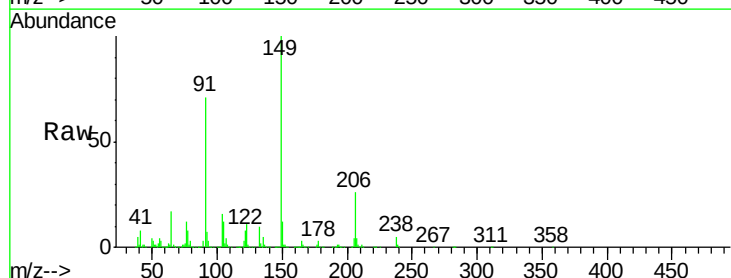
Tgt Ion:149 Resp: 447584

Ion Ratio Lower Upper

149 100

91 70.8 56.5 84.7

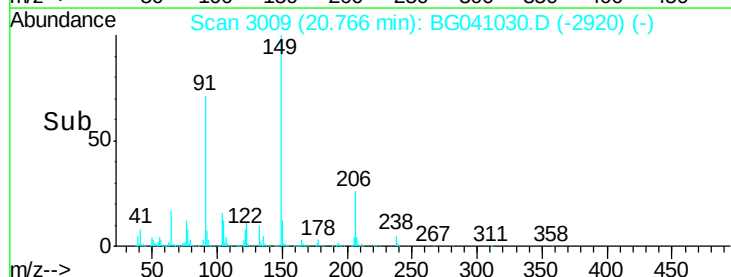
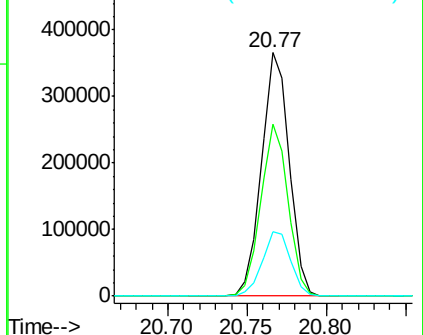
206 26.3 20.3 30.5

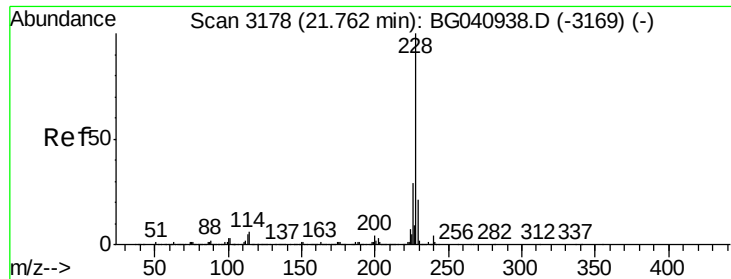


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





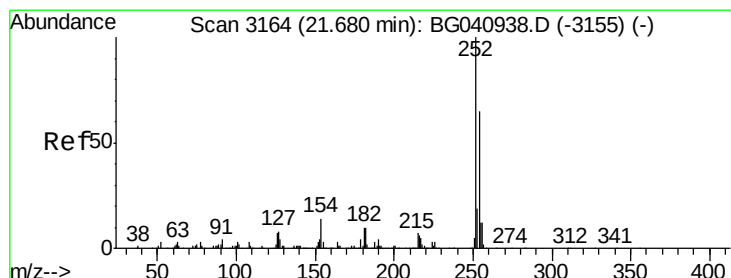
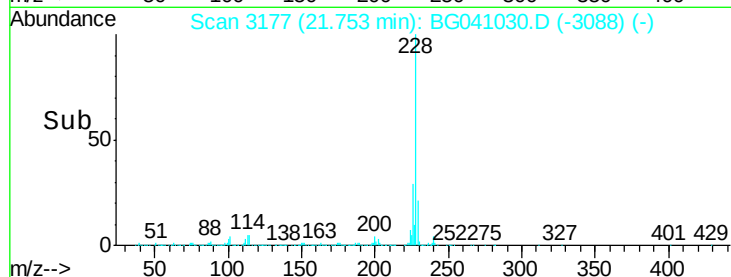
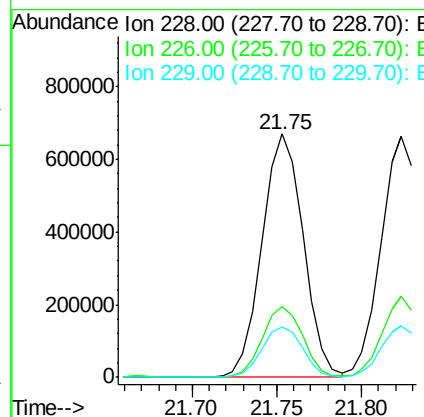
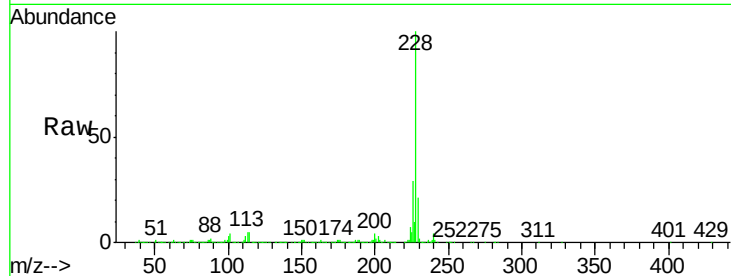
#81
Benzo(a)anthracene
Concen: 42.938 ng
RT: 21.75 min Scan# 3177
Delta R.T. -0.01 min
Lab File: BG041030.D
Acq: 3 Jun 2019 12:27

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.5	35.3
229	20.9	16.7	25.1

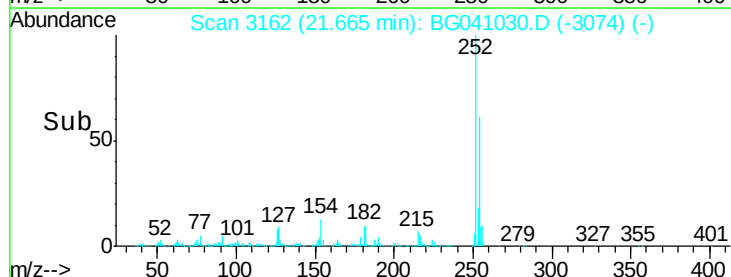
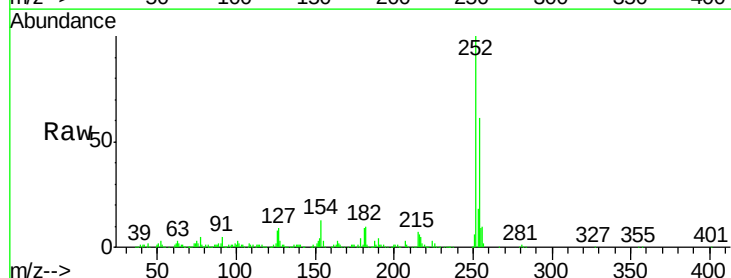
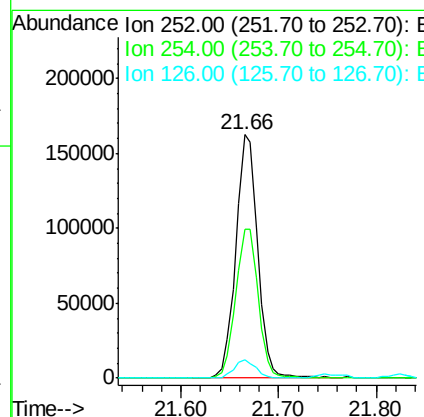
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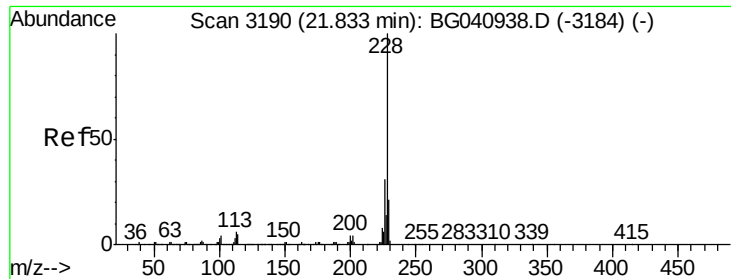
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#82
3,3'-Dichlorobenzidine
Concen: 27.059 ng
RT: 21.66 min Scan# 3162
Delta R.T. -0.02 min
Lab File: BG041030.D
Acq: 3 Jun 2019 12:27

Tgt Ion	Ratio	Lower	Upper
252	100		
254	61.2	52.1	78.1
126	7.5	5.5	8.3





#83

Chrysene

Concen: 43.632 ng

RT: 21.82 min Scan# 3189

Delta R.T. -0.01 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

Instrument :

BNA_G

ClientSampleId :

FESB-23(3-3.5)MS

Tot Ion:228 Resp: 1108107

Ion Ratio Lower Upper

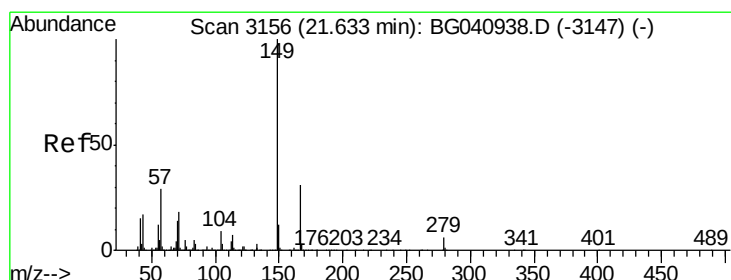
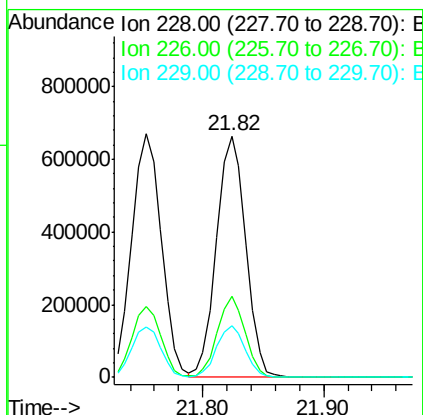
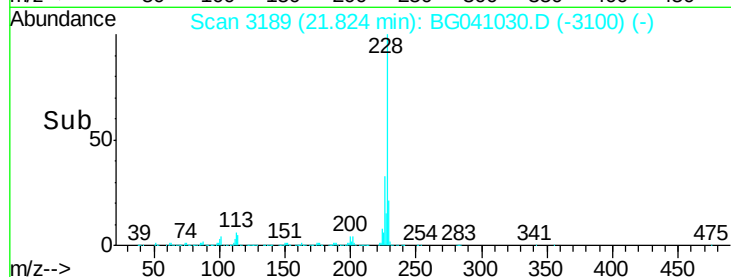
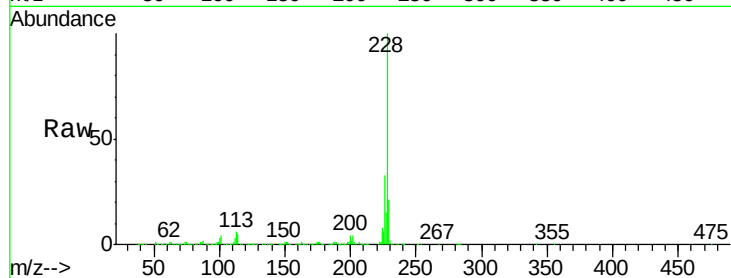
228 100

226 33.4 24.6 37.0

229 21.2 16.6 24.8

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#84

Bis(2-ethylhexyl)phthalate

Concen: 43.579 ng

RT: 21.62 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

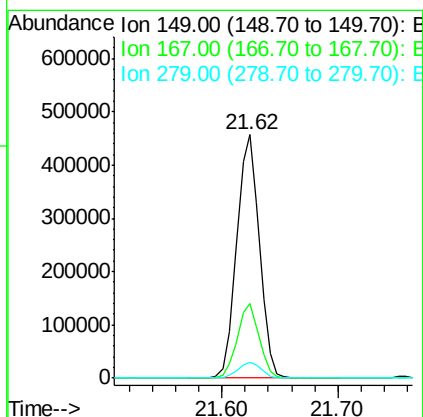
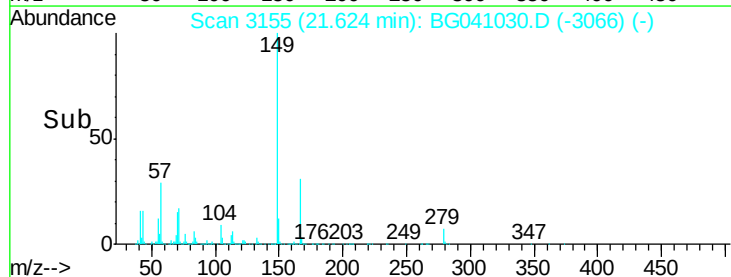
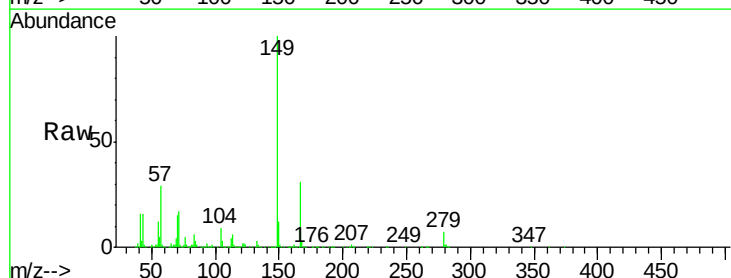
Tgt Ion:149 Resp: 618724

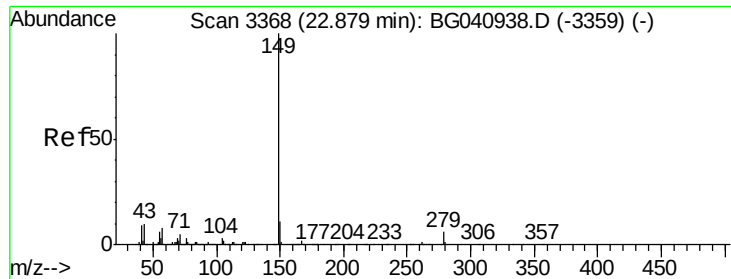
Ion Ratio Lower Upper

149 100

167 30.9 24.6 37.0

279 6.6 5.0 7.6





#85

Di-n-octyl phthalate

Concen: 44.345 ng

RT: 22.87 min Scan# 3367

Delta R.T. -0.01 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

Instrument :

BNA_G

ClientSampleId :

FESB-23(3-3.5)MS

Tot Ion:149 Resp: 1048586

Ion Ratio Lower Upper

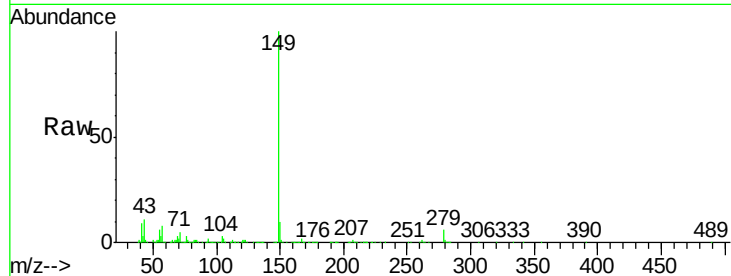
149 100

167 1.8 1.4 2.0

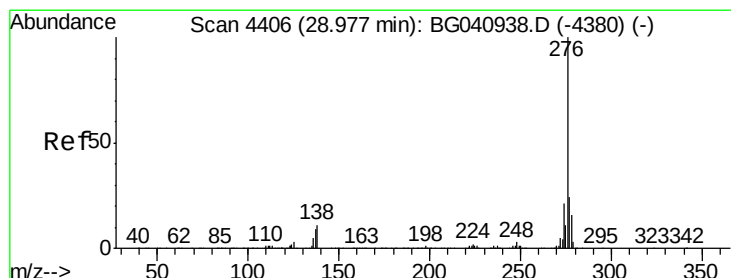
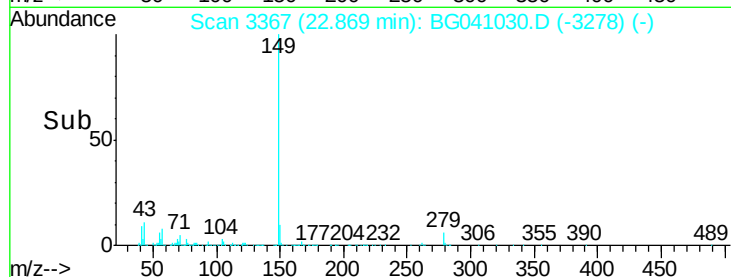
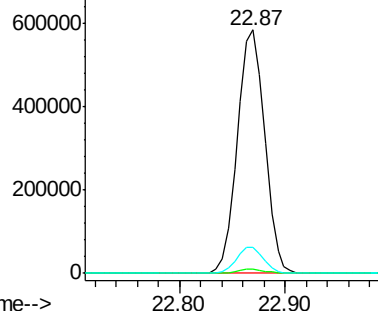
43 10.4 8.1 12.1

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Abundance Ion 149.00 (148.70 to 149.70): E
800000
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: 43.753 ng

RT: 28.95 min Scan# 4402

Delta R.T. -0.03 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

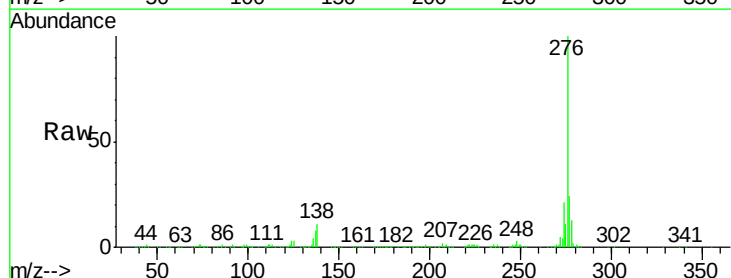
Tgt Ion:276 Resp: 1361172

Ion Ratio Lower Upper

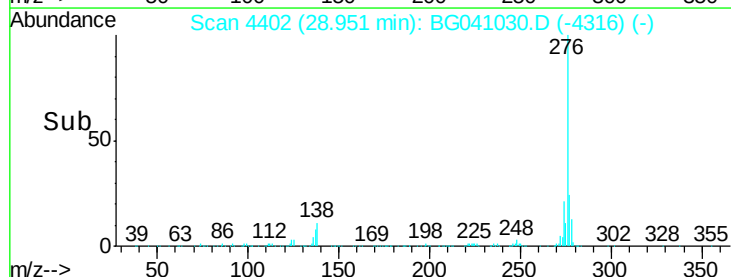
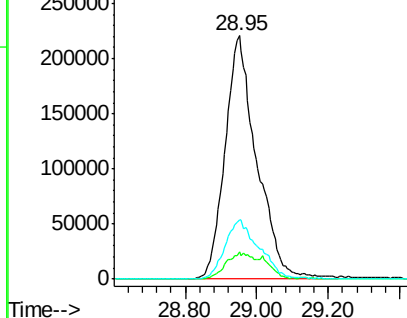
276 100

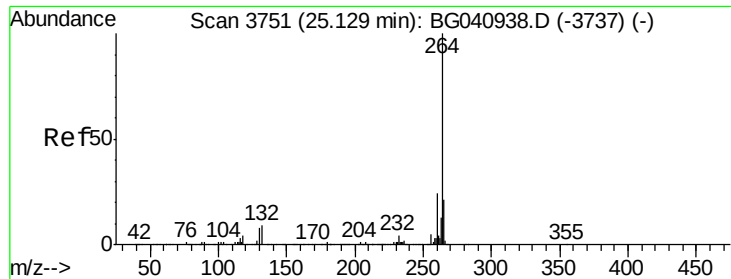
138 9.7 5.7 8.5#

277 26.0 20.8 31.2



Abundance Ion 276.00 (275.70 to 276.70): E
300000
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





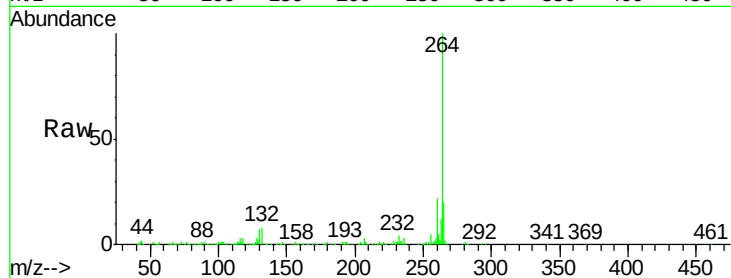
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.11 min Scan# 3748
Delta R.T. -0.02 min
Lab File: BG041030.D
Acq: 3 Jun 2019 12:27

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

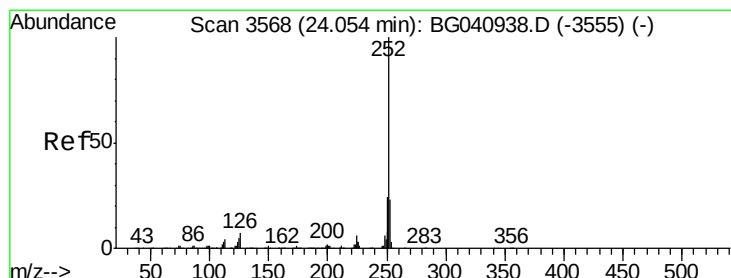
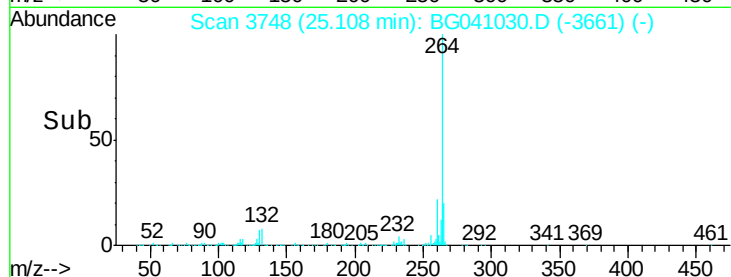
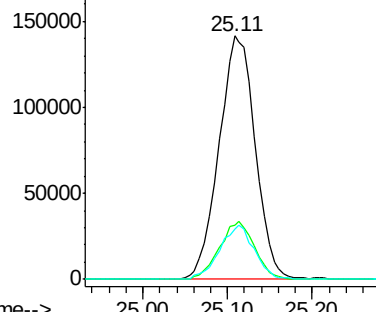
Tot Ion	Ratio	Lower	Upper
264	100		
260	22.0	19.0	28.4
265	20.5	17.0	25.4

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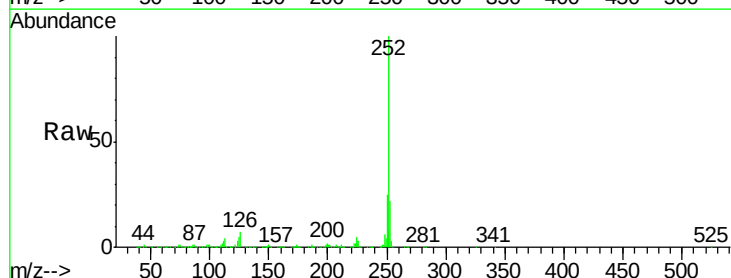


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

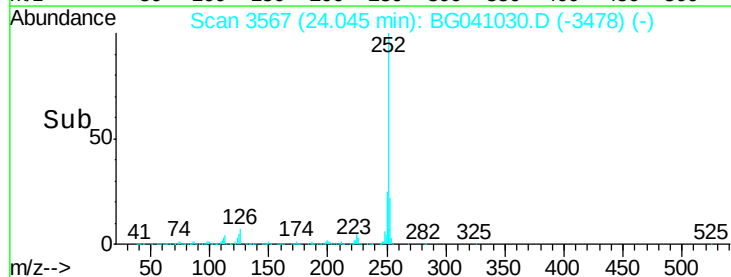
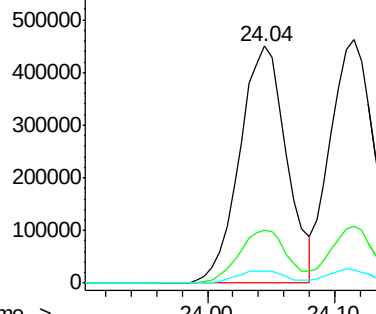


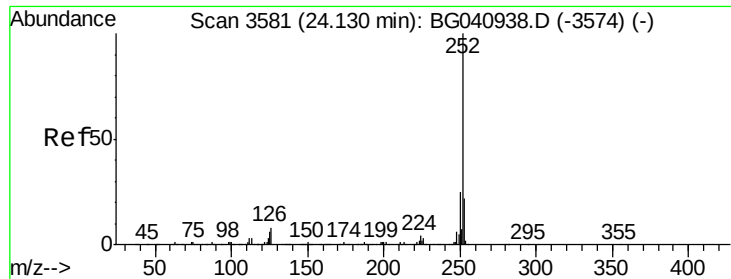
#88
Benzo(b)fluoranthene
Concen: 45.277 ng
RT: 24.04 min Scan# 3567
Delta R.T. -0.01 min
Lab File: BG041030.D
Acq: 3 Jun 2019 12:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.4	27.6
125	4.9	4.3	6.5



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 43.688 ng

RT: 24.12 min Scan# 3579

Delta R.T. -0.02 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

Instrument :

BNA_G

ClientSampleId :

FESB-23(3-3.5)MS

Tot Ion:252 Resp: 1106382

Ion Ratio Lower Upper

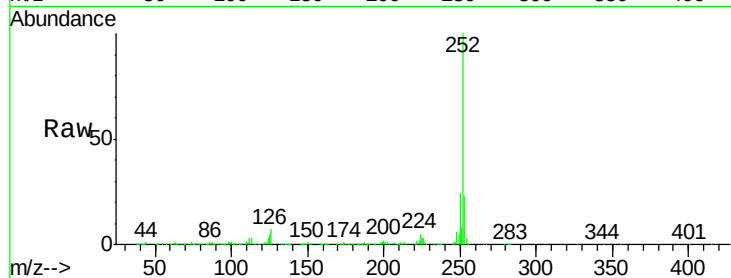
252 100

253 23.1 17.8 26.6

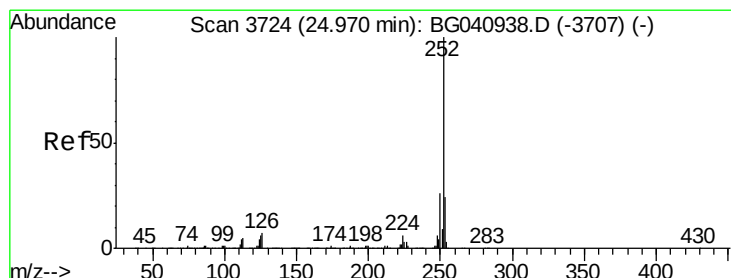
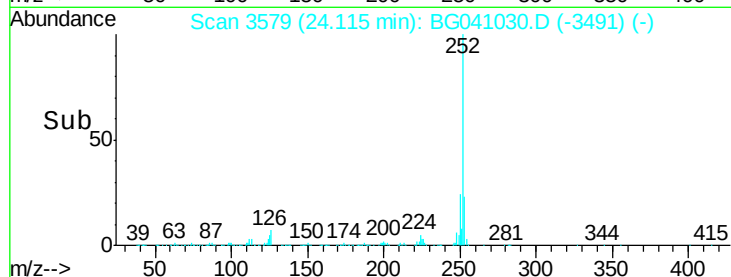
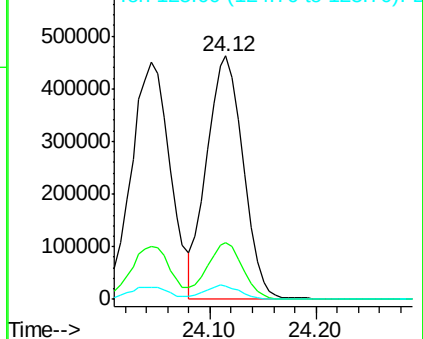
125 5.5 4.7 7.1

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 46.888 ng

RT: 24.96 min Scan# 3722

Delta R.T. -0.02 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

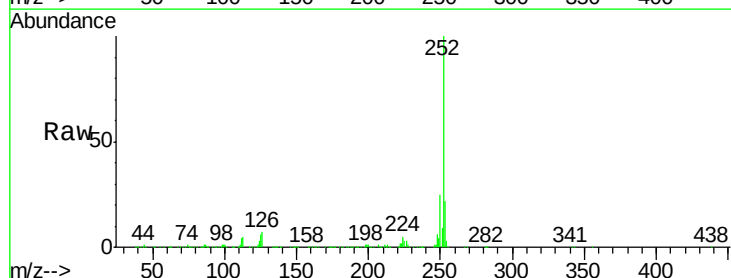
Tgt Ion:252 Resp: 1144806

Ion Ratio Lower Upper

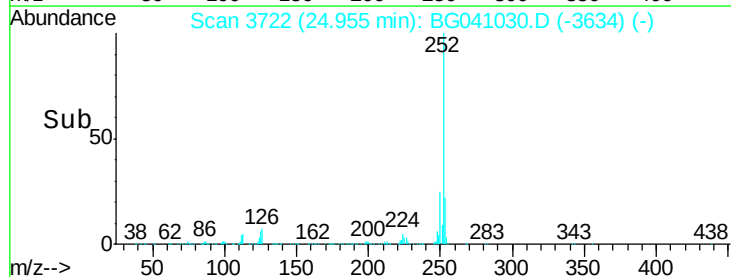
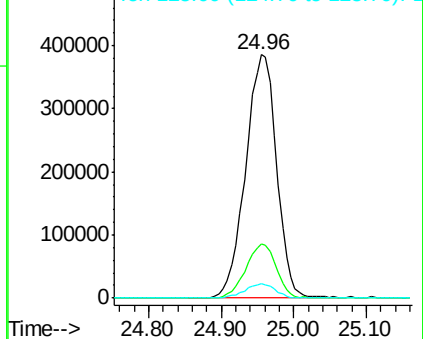
252 100

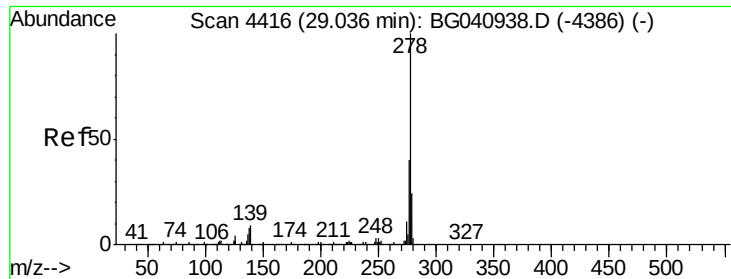
253 22.2 19.5 29.3

125 5.9 5.1 7.7



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 45.501 ng

RT: 29.02 min Scan# 4414

Delta R.T. -0.02 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

Instrument :

BNA_G

ClientSampleId :

FESB-23(3-3.5)MS

Tot Ion:278 Resp: 1110067

Ion Ratio Lower Upper

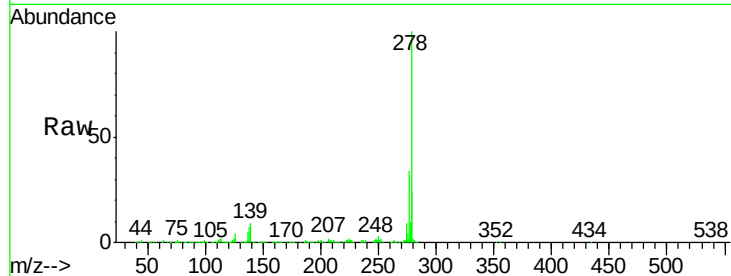
278 100

139 8.7 7.1 10.7

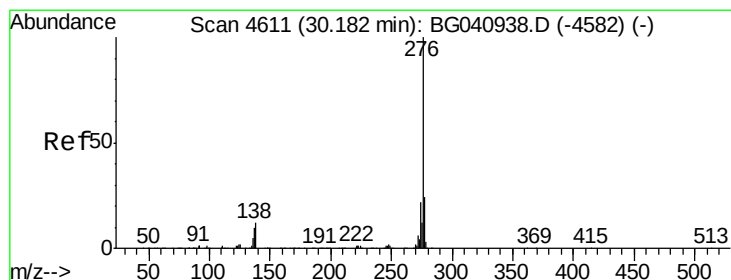
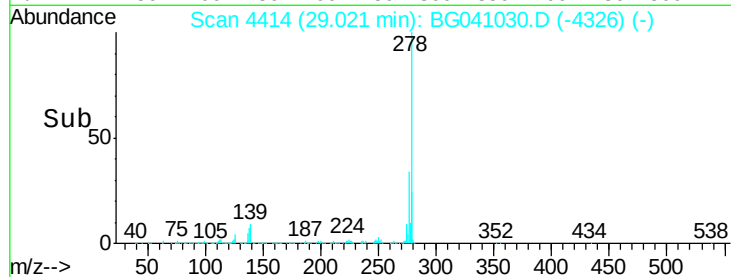
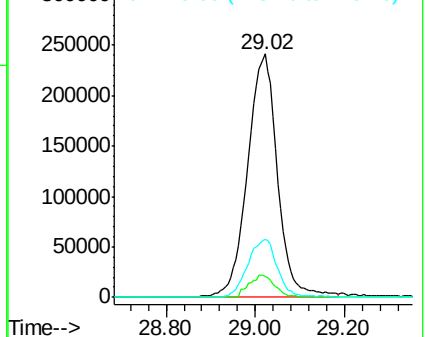
279 23.9 19.4 29.2

Manual Integrations
APPROVED

mohammad
6/5/2019 8:35:20 AM



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: 46.347 ng

RT: 30.16 min Scan# 4608

Delta R.T. -0.02 min

Lab File: BG041030.D

Acq: 3 Jun 2019 12:27

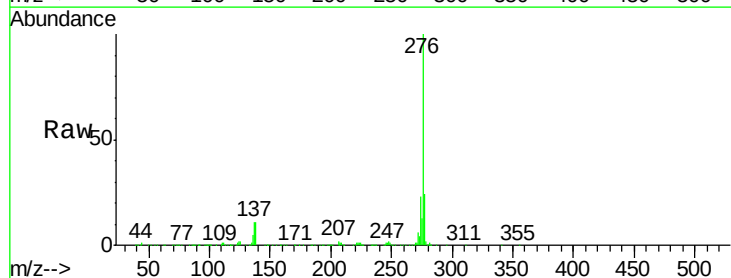
Tgt Ion:276 Resp: 1098508

Ion Ratio Lower Upper

276 100

277 24.2 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

