

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070319\
 Data File : BG041602.D
 Acq On : 3 Jul 2019 22:56
 Operator : HP/JU
 Sample : K3650-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FK-PS-01-051MSD

Manual Integrations
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Quant Time: Jul 05 08:41:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:25:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	29228	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	108896	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	77218	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	207205	20.00	ng	0.00
76) Chrysene-d12	21.69	240	222746	20.00	ng	0.00
87) Perylene-d12	24.98	264	247416	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	159567	97.33	ng	0.00
7) Phenol-d6	7.19	99	227447	98.55	ng	0.00
23) Nitrobenzene-d5	9.21	82	159884	61.24	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	129657	98.34	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	347696	57.78	ng	0.00
79) Terphenyl-d14	20.02	244	665733	63.51	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.40	88	16606	22.377	ng	91
3) Pyridine	3.82	79	35238	18.715	ng	95
4) n-Nitrosodimethylamine	3.75	42	28216	26.930	ng	# 91
6) Aniline	7.35	93	24207	8.137	ng	94
8) 2-Chlorophenol	7.59	128	57220	31.122	ng	97
9) Benzaldehyde	7.17	77	35116	25.196	ng	91
10) Phenol	7.22	94	72628	31.225	ng	96
11) bis(2-Chloroethyl)ether	7.45	93	47405	25.700	ng	97
12) 1,3-Dichlorobenzene	7.91	146	62987	26.483	ng	98
13) 1,4-Dichlorobenzene	8.06	146	65410	27.281	ng	99
14) 1,2-Dichlorobenzene	8.38	146	61599	26.833	ng	99
15) Benzyl Alcohol	8.28	79	51475	28.008	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.55	45	59711	23.052	ng	94
17) 2-Methylphenol	8.48	107	52031	30.731	ng	98
18) Hexachloroethane	9.10	117	23650	24.999	ng	91
19) n-Nitroso-di-n-propylamine	8.83	70	43048	25.007	ng	# 95
20) 3+4-Methylphenols	8.80	107	67858	30.070	ng	95
22) Acetophenone	8.86	105	91678	28.067	ng	# 98
24) Nitrobenzene	9.26	77	73233	27.943	ng	97
25) Isophorone	9.77	82	126128	26.906	ng	99
26) 2-Nitrophenol	9.97	139	32422	29.623	ng	# 85
27) 2,4-Dimethylphenol	10.01	122	49844	32.721	ng	99
28) bis(2-Chloroethoxy)methane	10.25	93	64494	26.018	ng	97
29) 2,4-Dichlorophenol	10.50	162	64972	31.578	ng	96
30) 1,2,4-Trichlorobenzene	10.71	180	73337	27.809	ng	94
31) Naphthalene	10.90	128	176058	29.235	ng	97
32) Benzoic acid	10.14	122	6319m	12.679	ng	
33) 4-Chloroaniline	11.03	127	22433	8.849	ng	# 88
34) Hexachlorobutadiene	11.15	225	52568	25.112	ng	97
35) Caprolactam	11.81	113	17676m	27.513	ng	
36) 4-Chloro-3-methylphenol	12.14	107	68467	30.712	ng	96
37) 2-Methylnaphthalene	12.51	142	123873	27.842	ng	99
38) 1-Methylnaphthalene	12.72	142	116808	27.519	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	98401	28.940	ng	99

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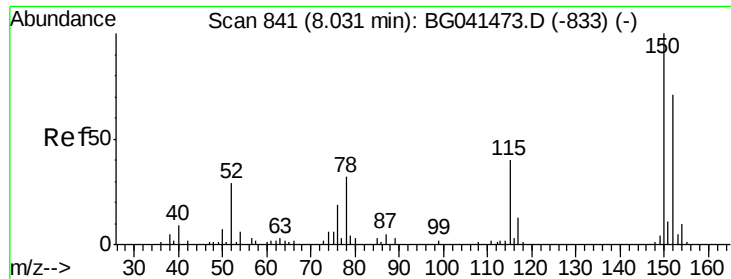
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Quant Time: Jul 05 08:41:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	64886	37.216	nq	93
43) 2,4,6-Trichlorophenol	13.11	196	62719	31.090	nq	96
44) 2,4,5-Trichlorophenol	13.19	196	67404	33.538	nq	93
46) 1,1'-Biphenyl	13.50	154	166724	27.352	nq	96
47) 2-Chloronaphthalene	13.56	162	142804	27.288	nq	97
48) 2-Nitroaniline	13.77	65	46468	26.194	nq	93
49) Acenaphthylene	14.40	152	224709	28.728	nq	100
50) Dimethylphthalate	14.12	163	272553	38.787	nq	99
51) 2,6-Dinitrotoluene	14.26	165	43496	29.168	nq #	87
52) Acenaphthene	14.74	154	126931	27.365	nq	98
53) 3-Nitroaniline	14.60	138	25574	17.964	nq	85
54) 2,4-Dinitrophenol	14.81	184	33205	38.210	nq	99
55) Dibenzofuran	15.07	168	230455	28.539	nq	98
56) 4-Nitrophenol	14.91	139	60451	65.798	nq	93
57) 2,4-Dinitrotoluene	15.05	165	61661	28.502	nq	95
58) Fluorene	15.72	166	181789	28.298	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	68013	32.101	nq	98
60) Diethylphthalate	15.48	149	192353	26.742	nq	99
61) 4-Chlorophenyl-phenylether	15.71	204	112700	27.198	nq	95
62) 4-Nitroaniline	15.77	138	33848	24.396	nq	92
63) Azobenzene	16.00	77	167042	27.544	nq	98
65) 4,6-Dinitro-2-methylphenol	15.81	198	32365	25.220	nq	97
66) n-Nitrosodiphenylamine	15.93	169	166786	29.247	nq	96
67) 4-Bromophenyl-phenylether	16.60	248	77014	27.199	nq	95
68) Hexachlorobenzene	16.71	284	83371	27.328	nq	97
69) Atrazine	16.87	200	73907	30.617	nq	97
70) Pentachlorophenol	17.07	266	93745	67.815	nq	95
71) Phenanthrene	17.46	178	313553	27.466	nq	99
72) Anthracene	17.56	178	318459	27.880	nq	100
73) Carbazole	17.83	167	284379	29.286	nq	99
74) Di-n-butylphthalate	18.36	149	308875	25.308	nq	99
75) Fluoranthene	19.47	202	414597	27.239	nq	99
77) Benzidine	19.67	184	25623	5.184	nq	97
78) Pyrene	19.84	202	414309	27.246	nq	99
80) Butylbenzylphthalate	20.70	149	139818	24.620	nq	95
81) Benzo(a)anthracene	21.68	228	418780	27.043	nq	100
82) 3,3'-Dichlorobenzidine	21.60	252	86587	16.147	nq	95
83) Chrysene	21.74	228	405366	27.043	nq	97
84) Bis(2-ethylhexyl)phthalate	21.54	149	208499	25.897	nq	100
85) Di-n-octyl phthalate	22.76	149	356018	26.131	nq	99
86) Indeno(1,2,3-cd)pyrene	28.75	276	492381	27.127	nq	98
88) Benzo(b)fluoranthene	23.93	252	425471	26.961	nq	100
89) Benzo(k)fluoranthene	24.00	252	402913	26.006	nq	100
90) Benzo(a)pyrene	24.83	252	406394	27.115	nq #	99
91) Dibenzo(a,h)anthracene	28.81	278	411638	27.415	nq	99
92) Benzo(g,h,i)perylene	29.94	276	409870	27.454	nq	97

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



#1

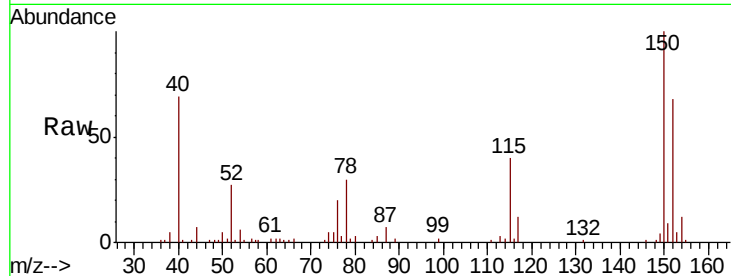
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG041602.D
Acq: 3 Jul 2019 22:56

Instrument :
BNA_G
ClientSampleId :
FK-PS-01-051MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.6	112.4	168.6
115	59.0	44.6	66.8

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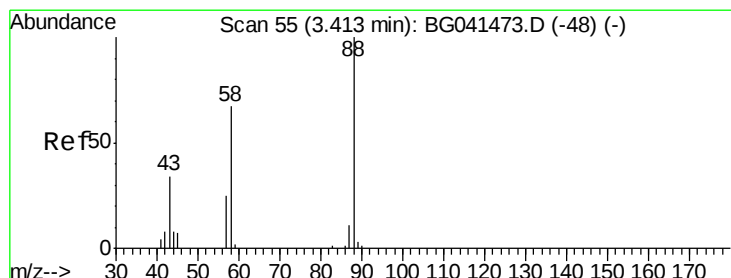
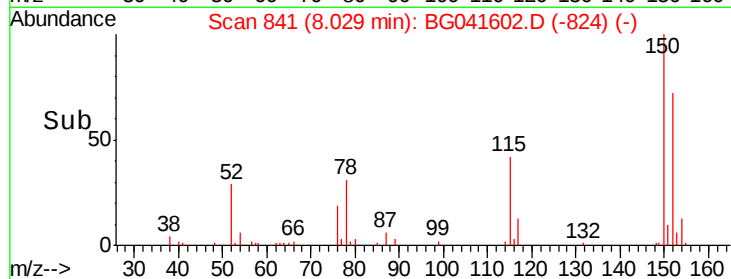
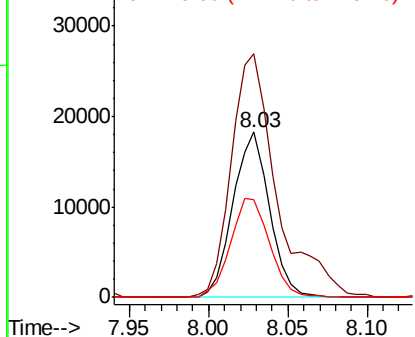


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

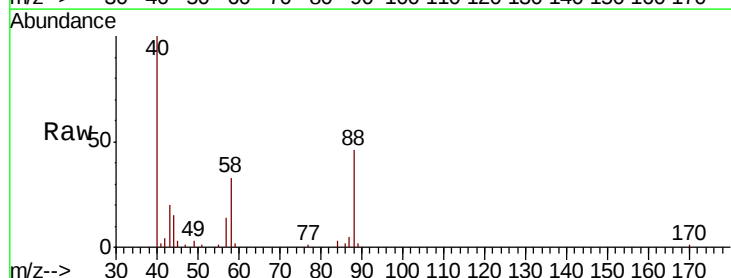
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 22.377 ng
RT: 3.40 min Scan# 54
Delta R.T. -0.01 min
Lab File: BG041602.D
Acq: 3 Jul 2019 22:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.5	55.8	83.8
43	37.7	27.8	41.8

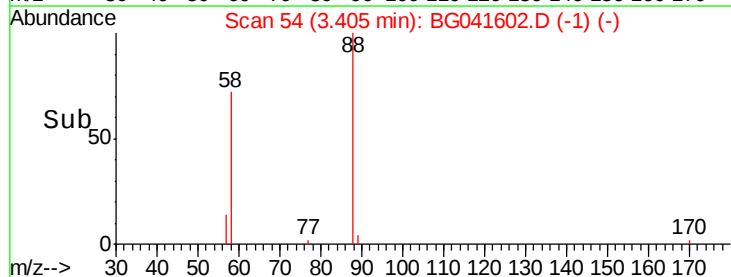
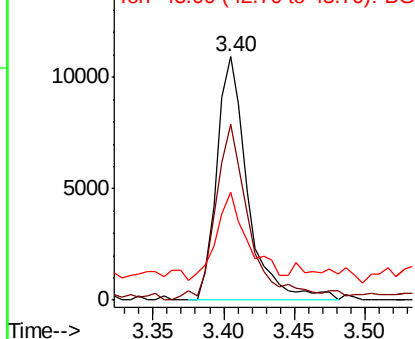


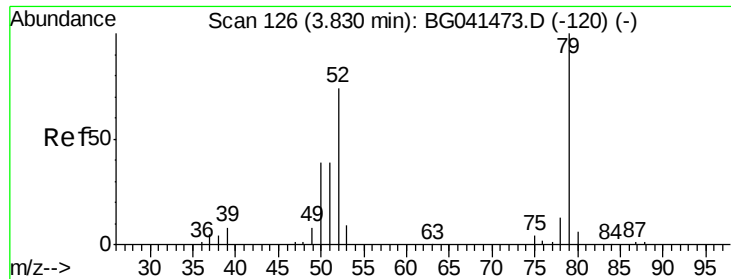
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





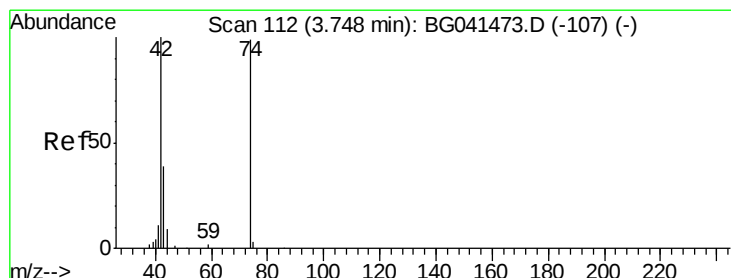
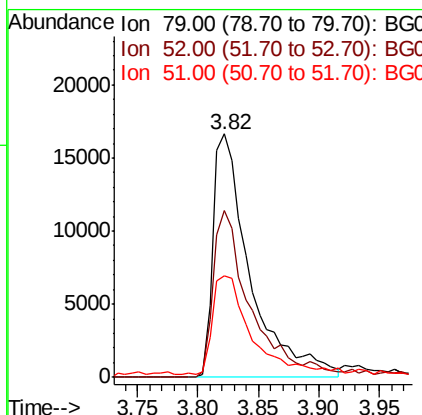
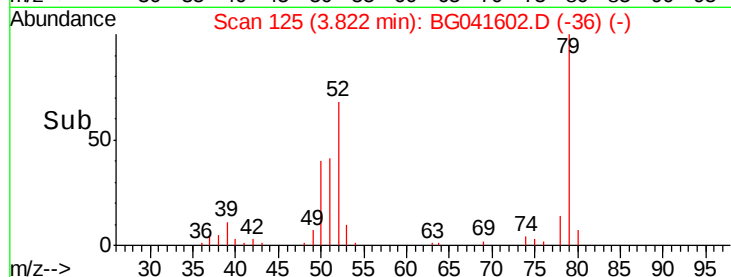
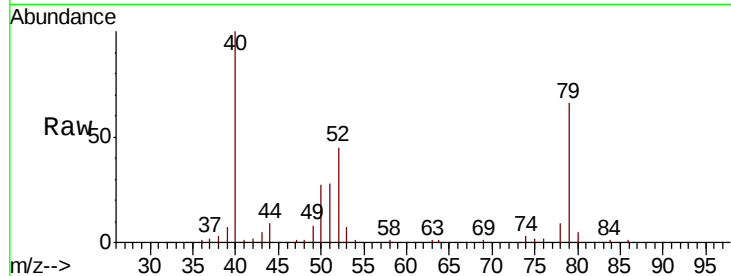
#3
 Pvridine
 Concen: 18.715 ng
 RT: 3.82 min Scan# 125
 Delta R.T. -0.01 min
 Lab File: BG041602.D
 Acq: 3 Jul 2019 22:56

Instrument :
 BNA_G
 ClientSampleId :
 FK-PS-01-051MSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	68.4	59.4	89.0
51	41.9	32.3	48.5

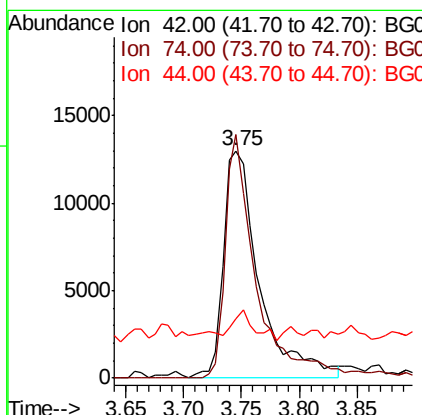
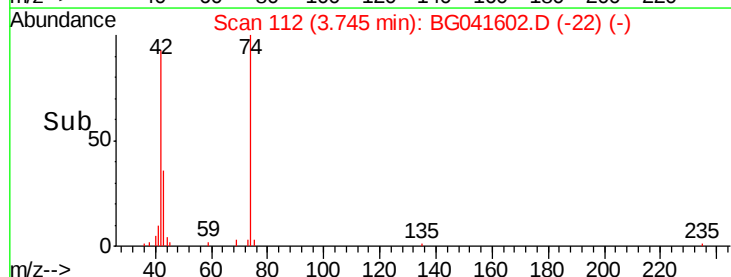
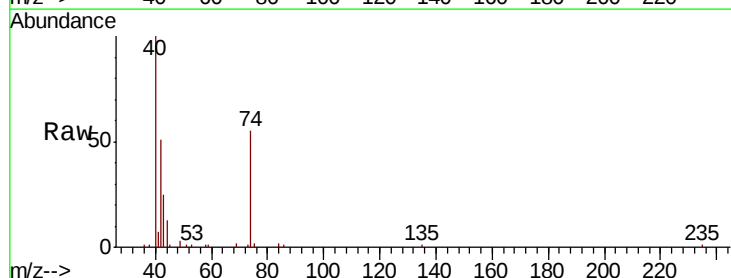
Manual Integrations
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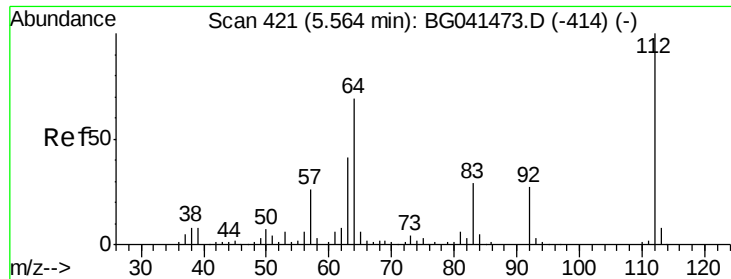
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#4
 n-Nitrosodimethylamine
 Concen: 26.930 ng
 RT: 3.75 min Scan# 112
 Delta R.T. -0.00 min
 Lab File: BG041602.D
 Acq: 3 Jul 2019 22:56

Tgt Ion	Ratio	Lower	Upper
42	100		
74	107.1	79.5	119.3
44	26.0	14.2	21.2





#5

2-Fluorophenol

Concen: 97.333 ng

RT: 5.57 min Scan# 422

Delta R.T. 0.00 min

Lab File: BG041602.D

Acq: 3 Jul 2019 22:56

Instrument :

BNA_G

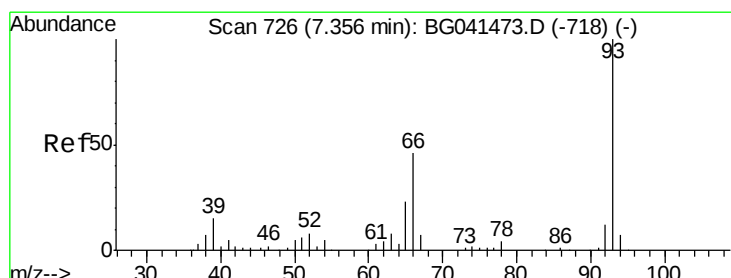
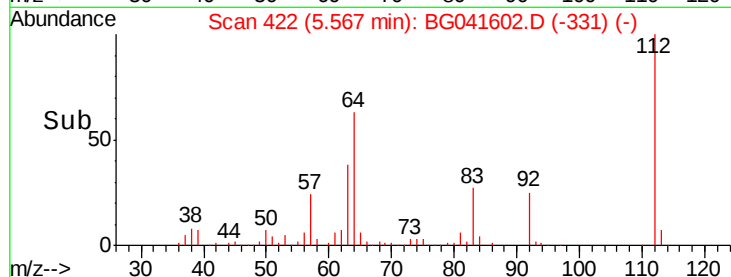
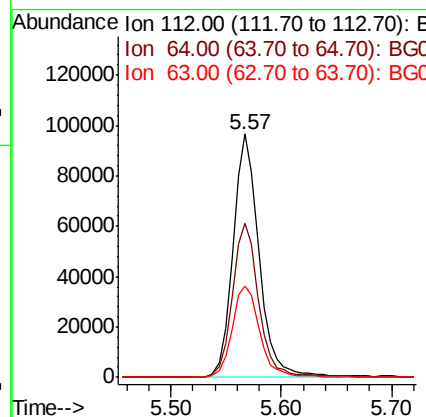
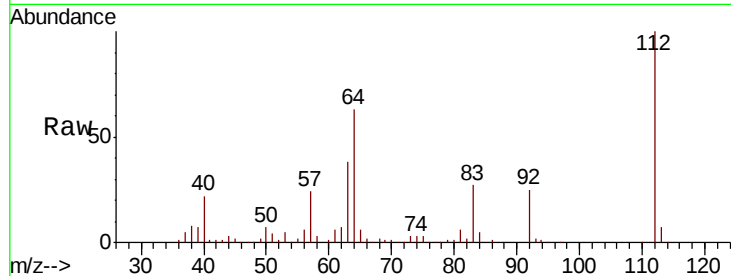
ClientSampleId :

FK-PS-01-051MSD

Tot Ion:	112	Resp:	159567
Ion Ratio	Lower	Upper	
112	100		
64	63.2	55.1	82.7
63	37.7	32.4	48.6

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#6

Aniline

Concen: 8.137 ng

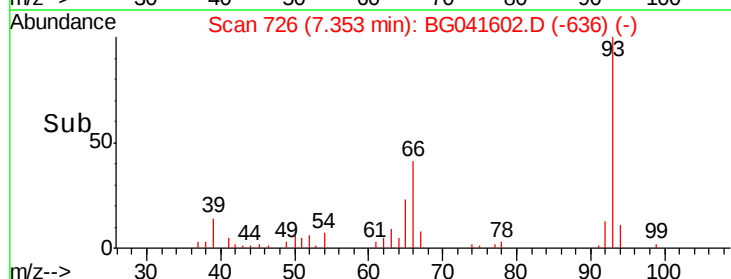
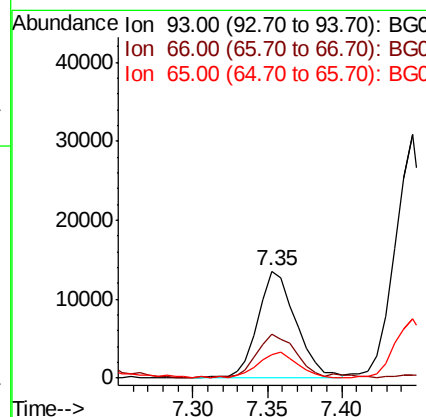
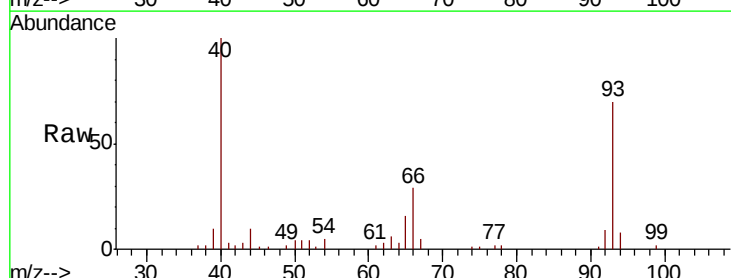
RT: 7.35 min Scan# 726

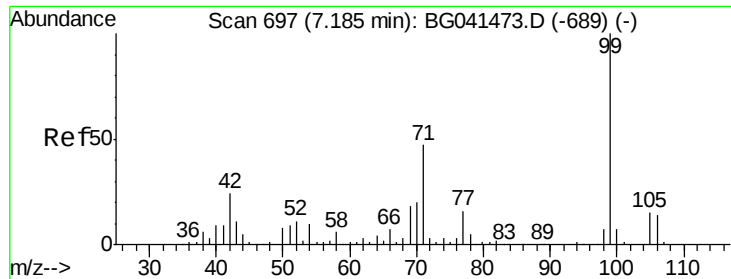
Delta R.T. -0.00 min

Lab File: BG041602.D

Acq: 3 Jul 2019 22:56

Tgt Ion:	93	Resp:	24207
Ion Ratio	Lower	Upper	
93	100		
66	41.1	37.4	56.0
65	22.5	18.6	27.8





#7

Phenol-d6

Concen: 98.554 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG041602.D

Acq: 3 Jul 2019 22:56

Instrument :

BNA_G

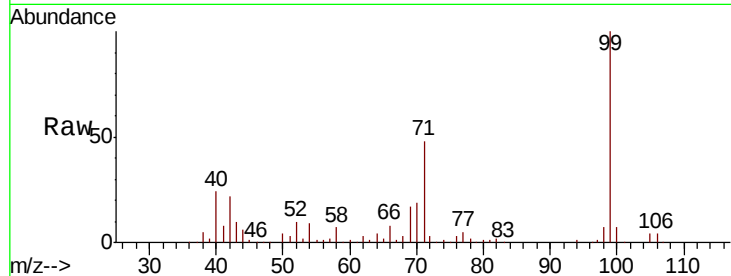
ClientSampleId :

FK-PS-01-051MSD

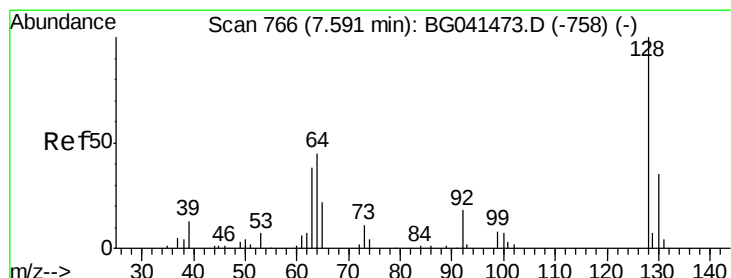
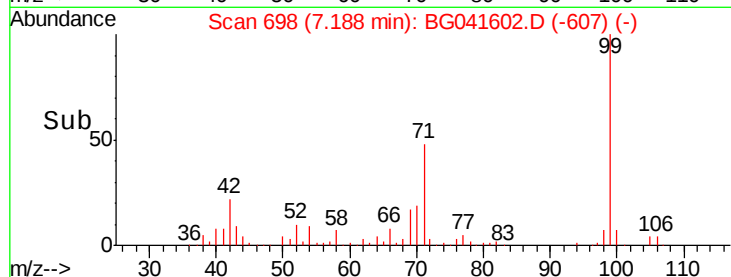
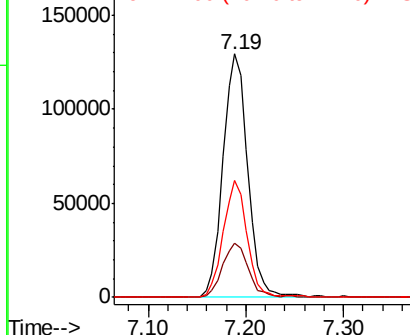
Tot Ion:	99	Resp:	227447
Ion Ratio	Lower	Upper	
99	100		
42	22.5	19.0	28.6
71	48.3	37.4	56.2

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



#8

2-Chlorophenol

Concen: 31.122 ng

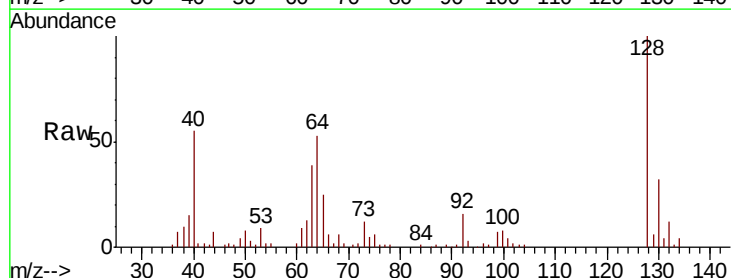
RT: 7.59 min Scan# 766

Delta R.T. -0.00 min

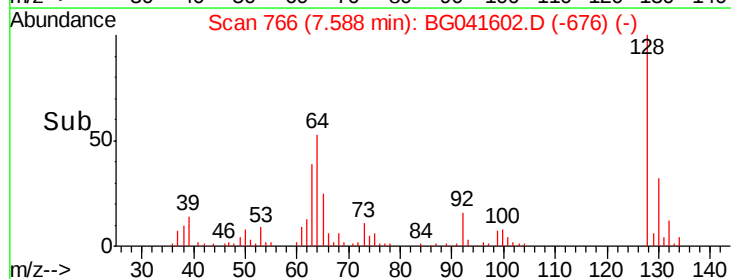
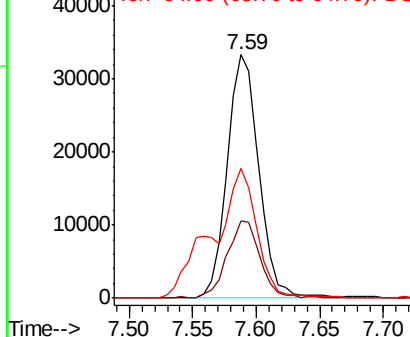
Lab File: BG041602.D

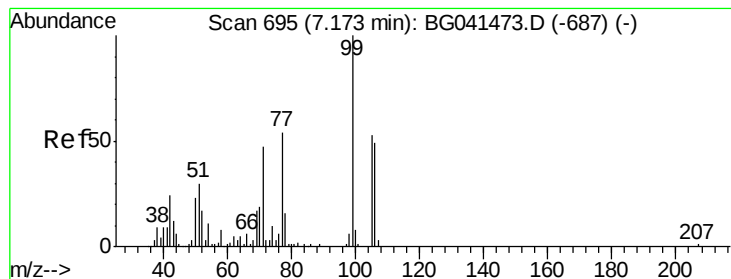
Acq: 3 Jul 2019 22:56

Tgt Ion:	128	Resp:	57220
Ion Ratio	Lower	Upper	
128	100		
130	31.5	15.0	55.0
64	53.0	33.3	73.3



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





#9

Benzaldehyde

Concen: 25.196 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG041602.D

Acq: 3 Jul 2019 22:56

Instrument :

BNA_G

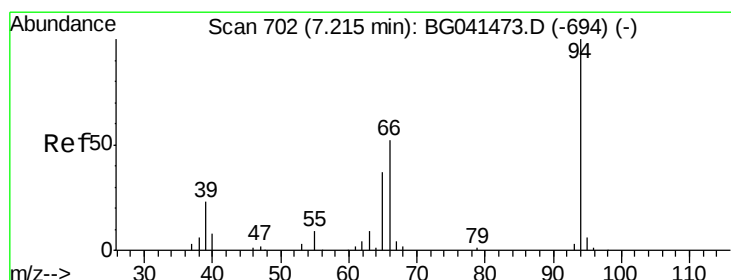
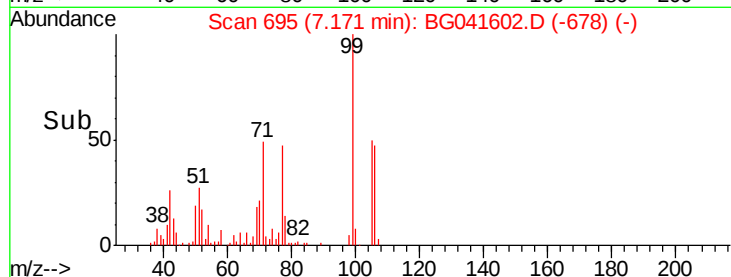
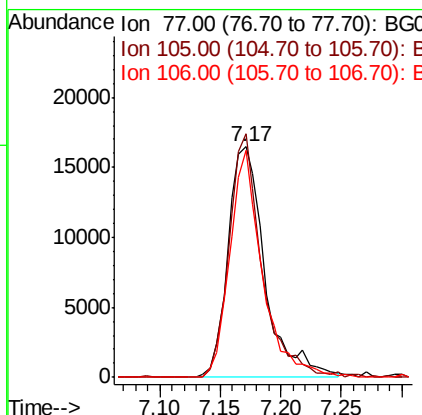
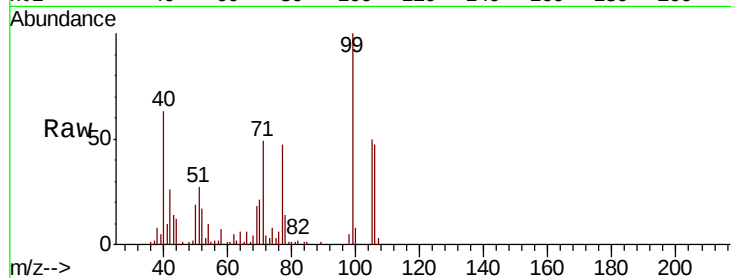
ClientSampleId :

FK-PS-01-051MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	105.7	77.8	117.8
106	98.8	70.1	110.1

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#10

Phenol

Concen: 31.225 ng

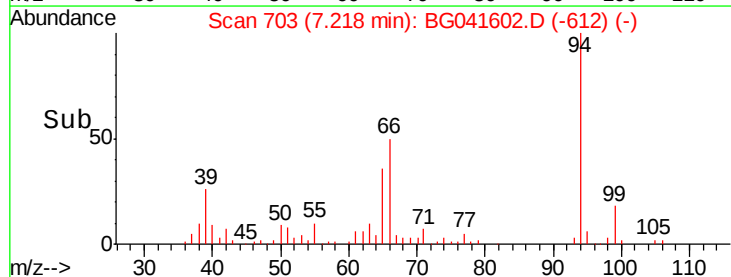
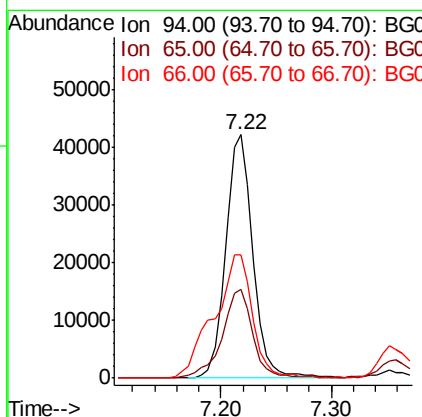
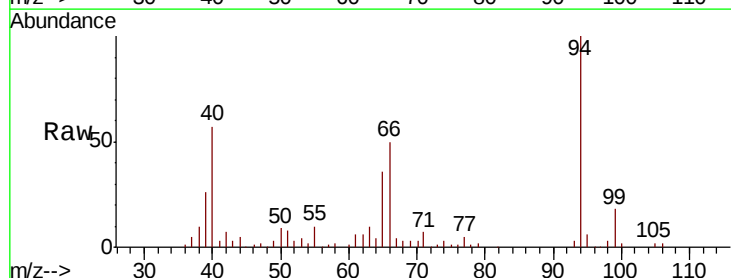
RT: 7.22 min Scan# 703

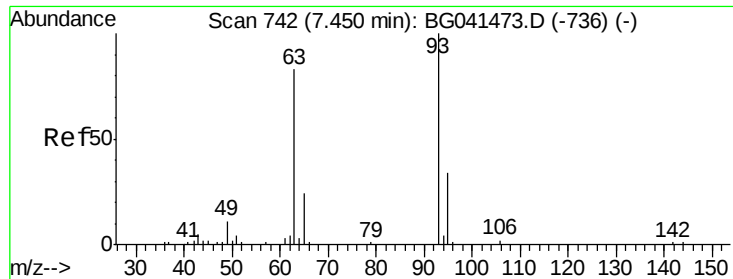
Delta R.T. 0.00 min

Lab File: BG041602.D

Acq: 3 Jul 2019 22:56

Tgt Ion	Ratio	Lower	Upper
94	100		
65	36.2	17.9	57.9
66	50.4	34.4	74.4





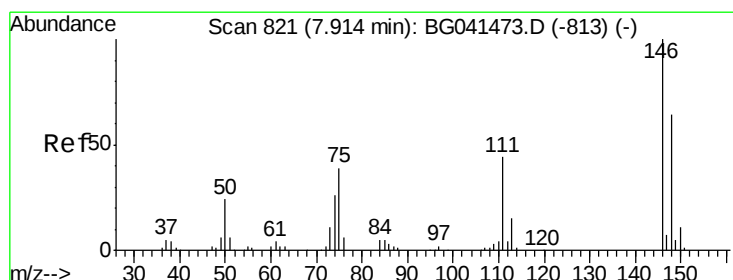
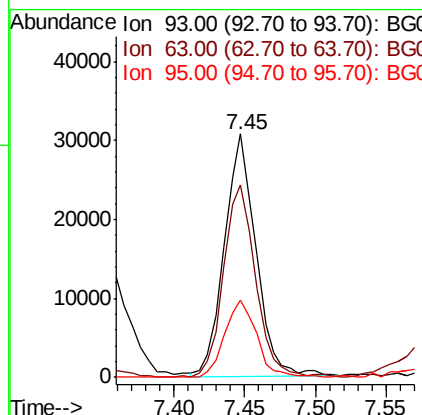
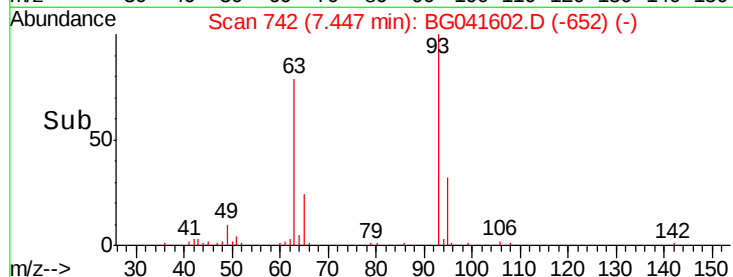
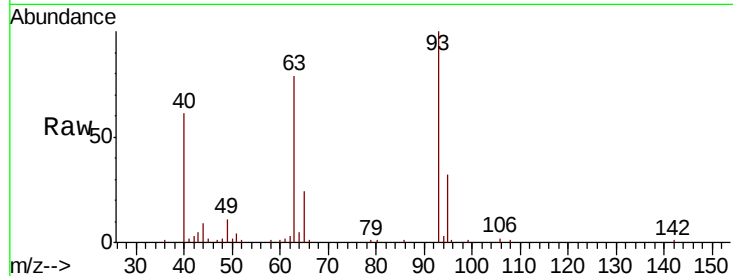
#11
bis(2-Chloroethyl)ether
Concen: 25.700 ng
RT: 7.45 min Scan# 742
Delta R.T. -0.00 min
Lab File: BG041602.D
Acq: 3 Jul 2019 22:56

Instrument :
BNA_G
ClientSampleId :
FK-PS-01-051MSD

Tot Ion:	93	Resp:	47405
Ion	Ratio	Lower	Upper
93	100		
63	79.1	62.0	102.0
95	31.6	13.0	53.0

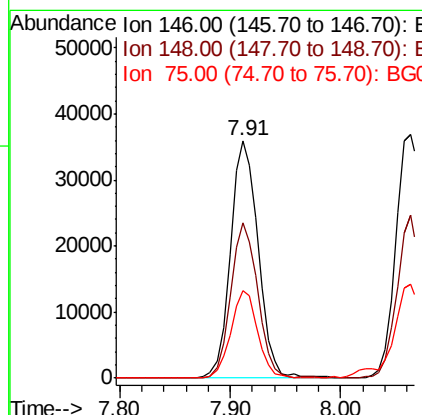
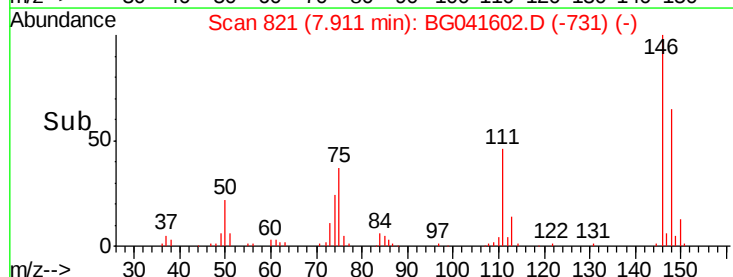
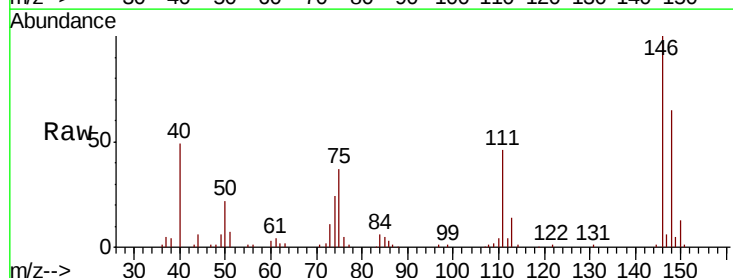
Manual Integrations
APPROVED

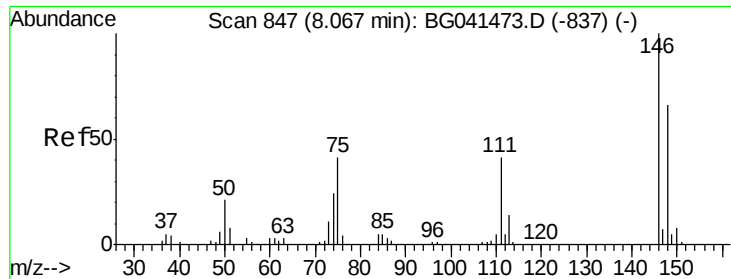
mohammad
7/8/2019 2:11:39 PM



#12
1,3-Dichlorobenzene
Concen: 26.483 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.00 min
Lab File: BG041602.D
Acq: 3 Jul 2019 22:56

Tgt Ion:	146	Resp:	62987
Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.1	76.7
75	36.8	31.0	46.6





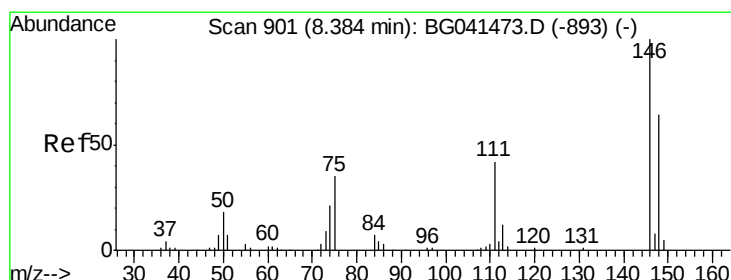
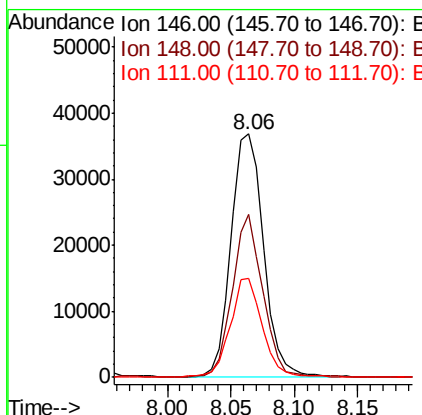
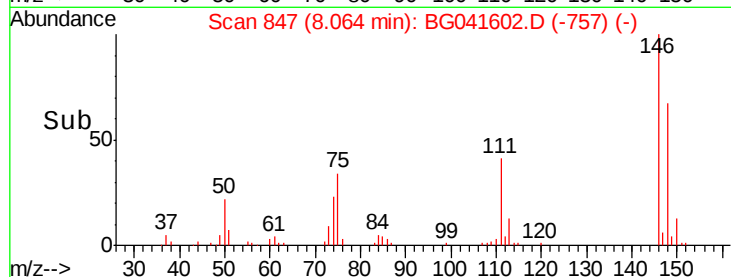
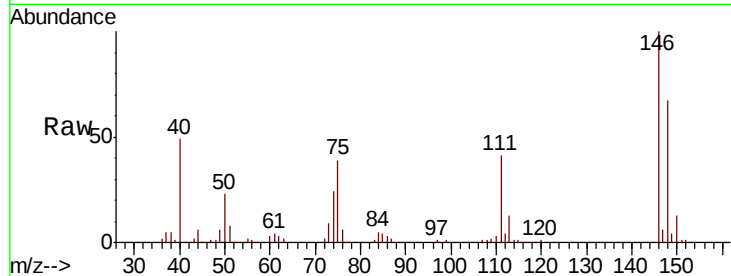
#13
1,4-Dichlorobenzene
Concen: 27.281 ng
RT: 8.06 min Scan# 847
Delta R.T. -0.00 min
Lab File: BG041602.D
Acq: 3 Jul 2019 22:56

Instrument :
BNA_G
ClientSampleId :
FK-PS-01-051MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	67.0	52.8	79.2
111	40.9	33.1	49.7

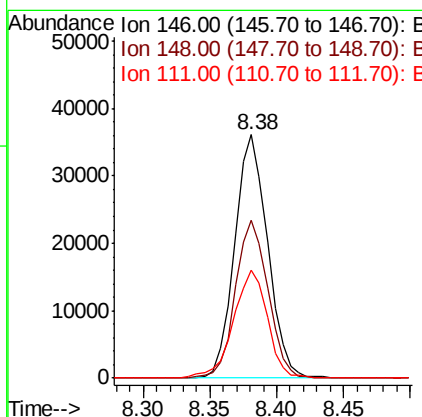
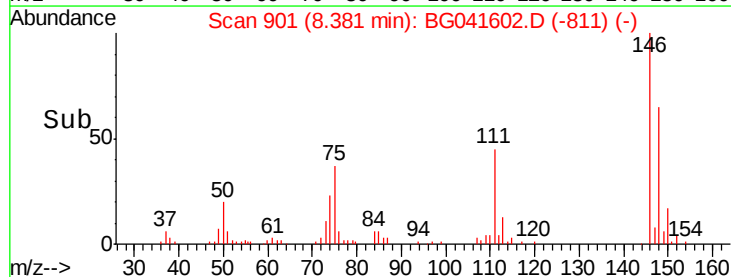
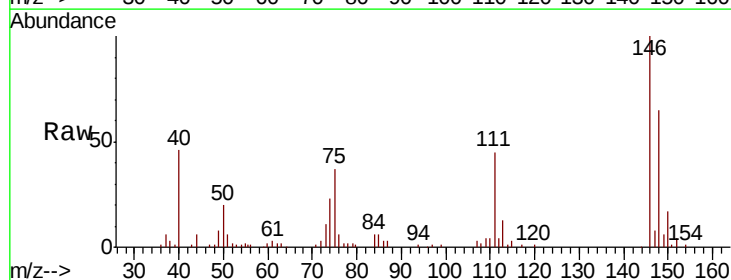
Manual Integrations
APPROVED

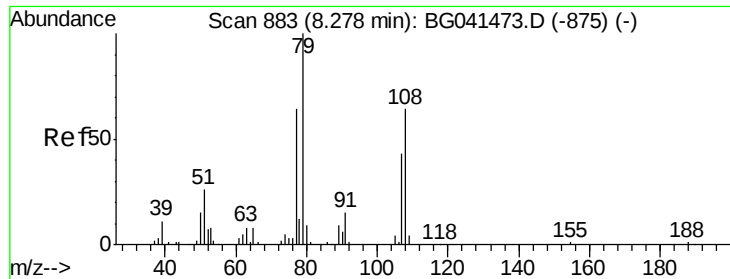
mohammad
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#14
1,2-Dichlorobenzene
Concen: 26.833 ng
RT: 8.38 min Scan# 901
Delta R.T. -0.00 min
Lab File: BG041602.D
Acq: 3 Jul 2019 22:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.3	76.9
111	44.5	34.3	51.5





#15

Benzyl Alcohol

Concen: 28.008 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.00 min

Lab File: BG041602.D

Acq: 3 Jul 2019 22:56

Instrument :

BNA_G

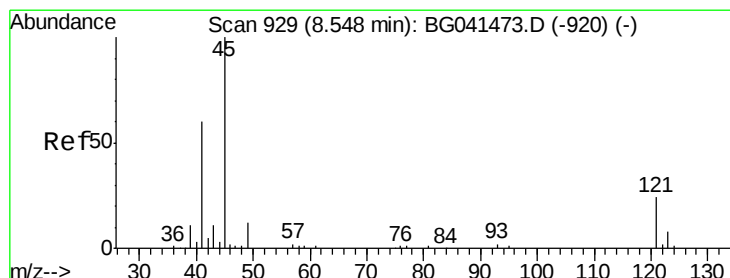
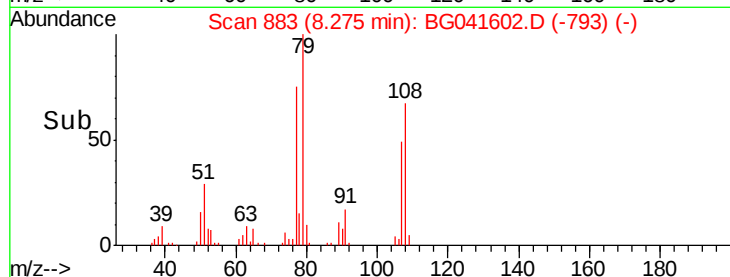
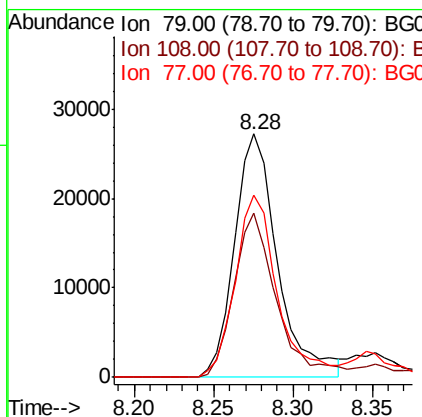
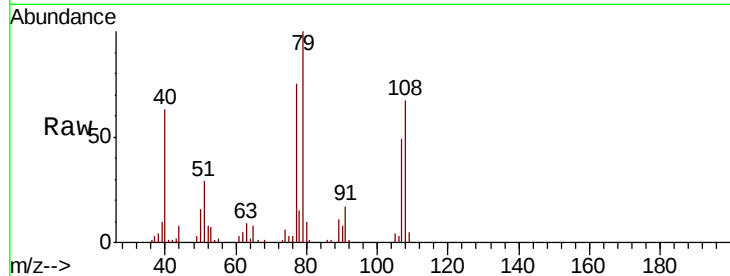
ClientSampleId :

FK-PS-01-051MSD

Tot Ion:	79	Resp:	51475
Ion	Ratio	Lower	Upper
79	100		
108	67.4	51.4	77.0
77	74.9	50.8	76.2

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 23.052 ng

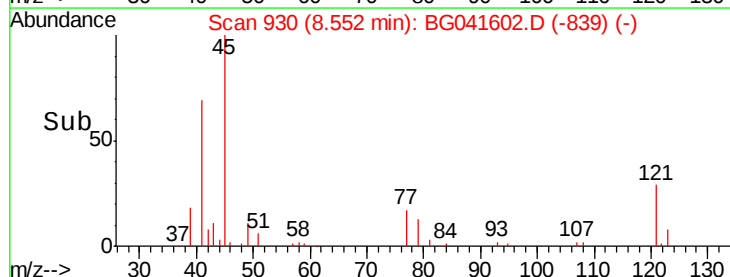
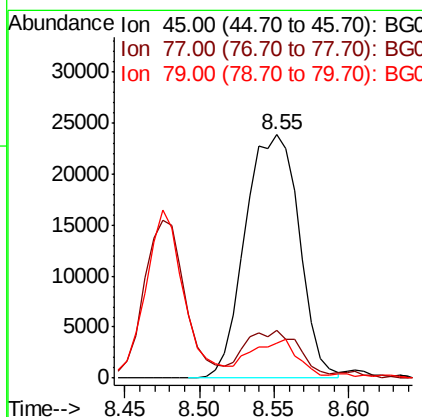
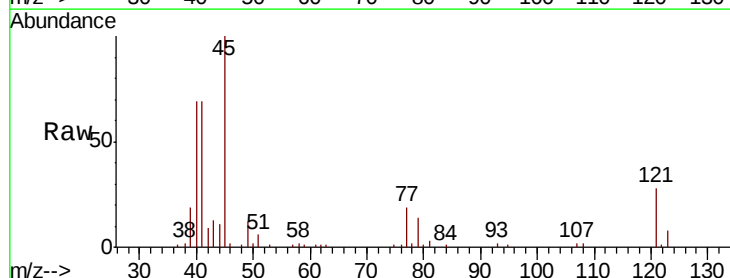
RT: 8.55 min Scan# 930

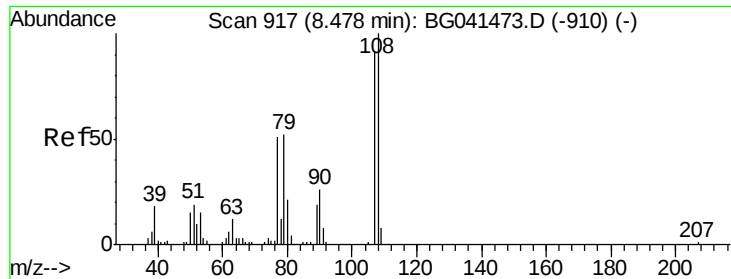
Delta R.T. 0.00 min

Lab File: BG041602.D

Acq: 3 Jul 2019 22:56

Tgt Ion:	45	Resp:	59711
Ion	Ratio	Lower	Upper
45	100		
77	19.5	0.0	36.3
79	14.2	0.0	32.4





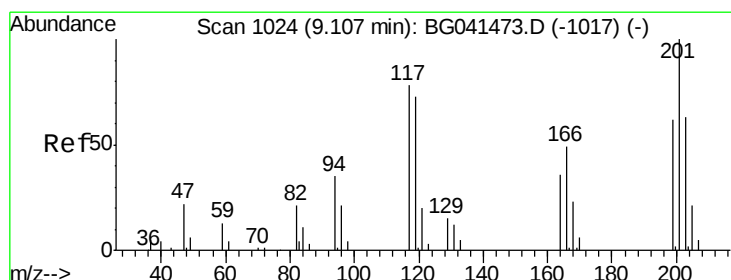
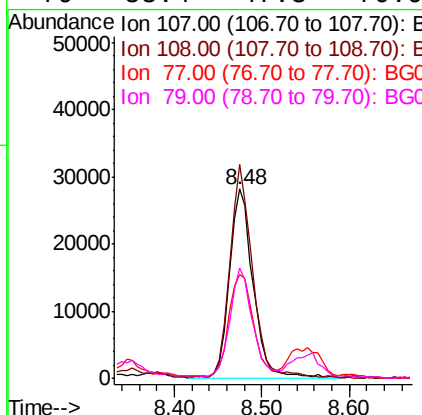
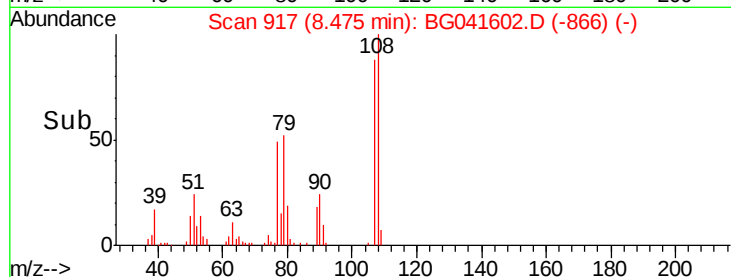
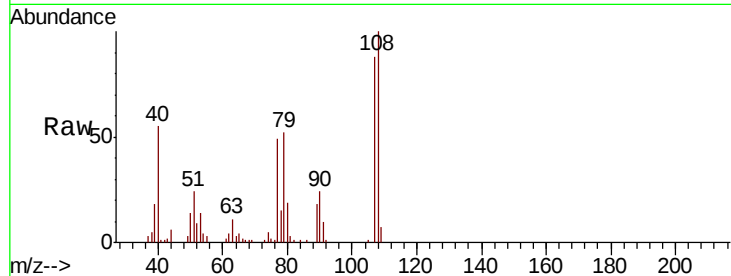
#17
2-Methylphenol
Concen: 30.731 ng
RT: 8.48 min Scan# 917
Delta R.T. -0.00 min
Lab File: BG041602.D
Acq: 3 Jul 2019 22:56

Instrument :
BNA_G
ClientSampleId :
FK-PS-01-051MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.1	88.0	132.0
77	55.1	45.3	67.9
79	58.4	47.3	70.9

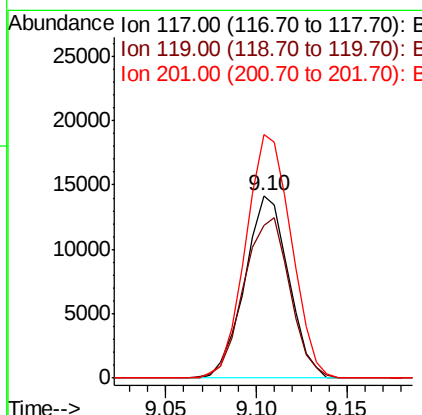
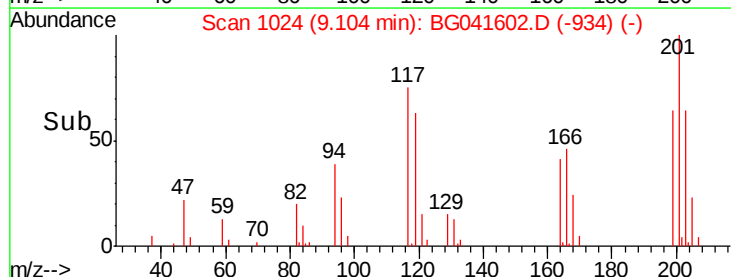
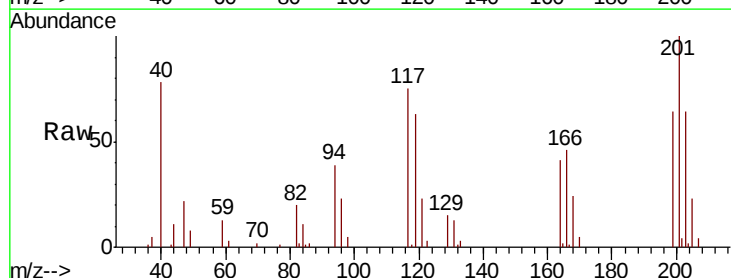
Manual Integrations
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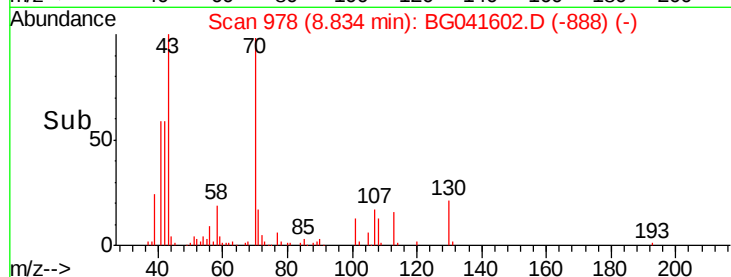
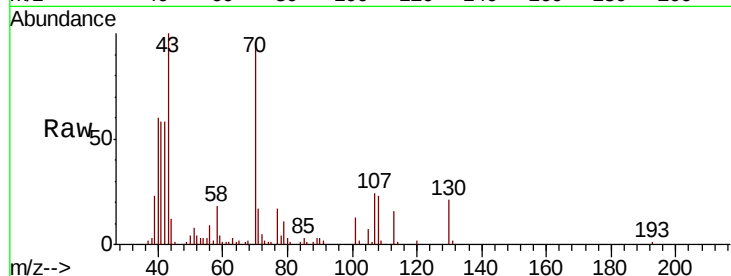
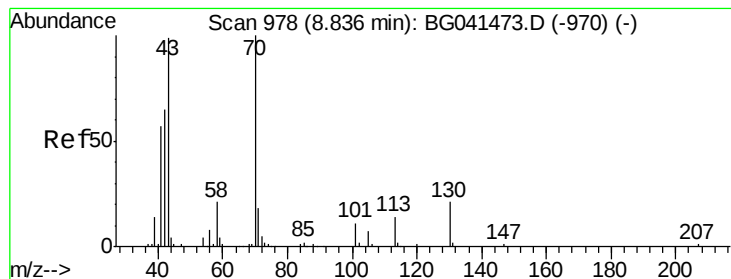
mohammad
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#18
Hexachloroethane
Concen: 24.999 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG041602.D
Acq: 3 Jul 2019 22:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	83.5	74.3	111.5
201	138.2	102.3	153.5





#19

n-Nitroso-di-n-propylamine

Concen: 25.007 ng

RT: 8.83 min Scan# 978

Delta R.T. -0.00 min

Lab File: BG041602.D

Acq: 3 Jul 2019 22:56

Instrument :

BNA_G

ClientSampleId :

FK-PS-01-051MSD

Tot Ion: 70 Resp: 43048

Ion Ratio Lower Upper

70 100

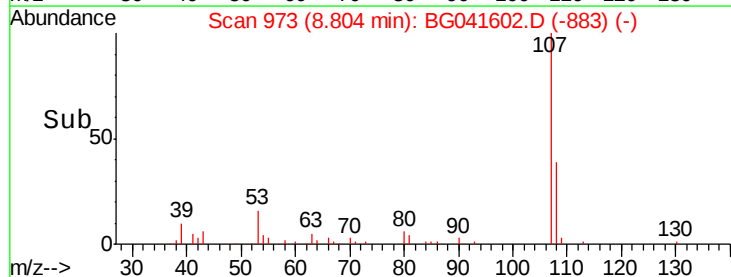
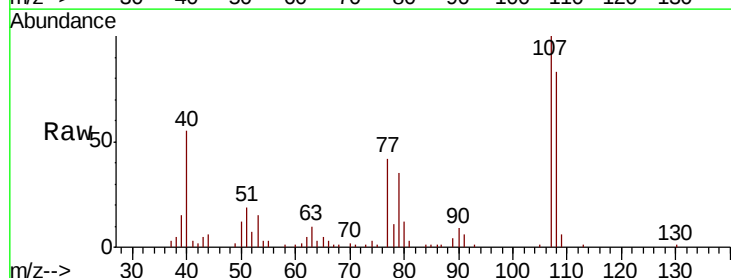
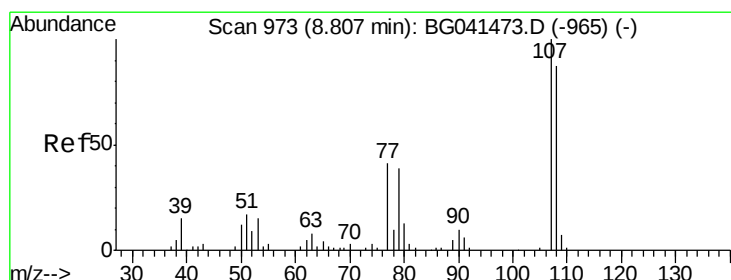
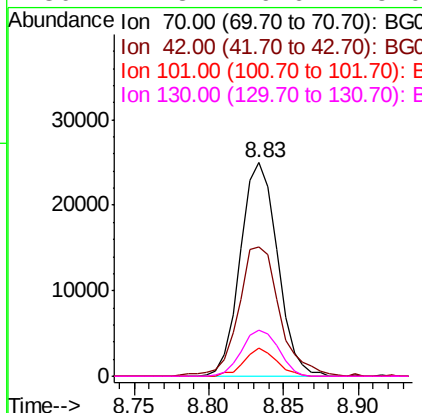
42 60.6 52.6 78.8

101 13.2 8.6 13.0#

130 21.3 16.6 25.0

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#20

3+4-Methylphenols

Concen: 30.070 ng

RT: 8.80 min Scan# 973

Delta R.T. -0.00 min

Lab File: BG041602.D

Acq: 3 Jul 2019 22:56

Tgt Ion: 107 Resp: 67858

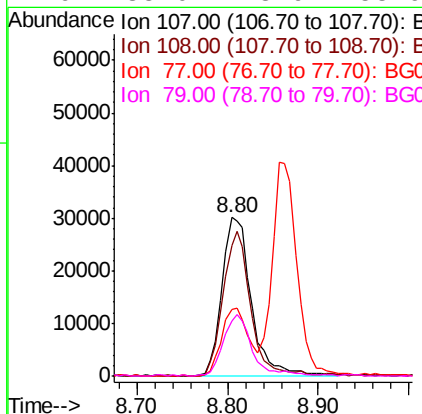
Ion Ratio Lower Upper

107 100

108 82.7 67.0 107.0

77 42.3 20.6 60.6

79 35.0 18.9 58.9





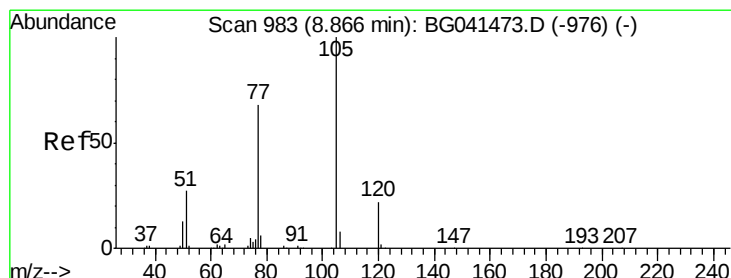
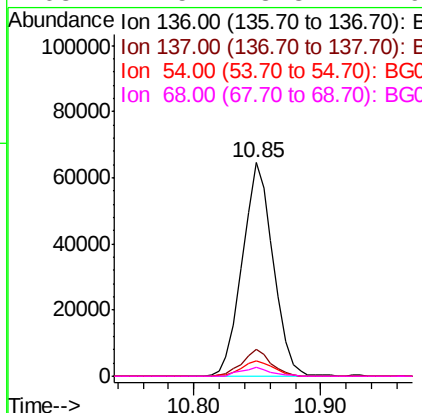
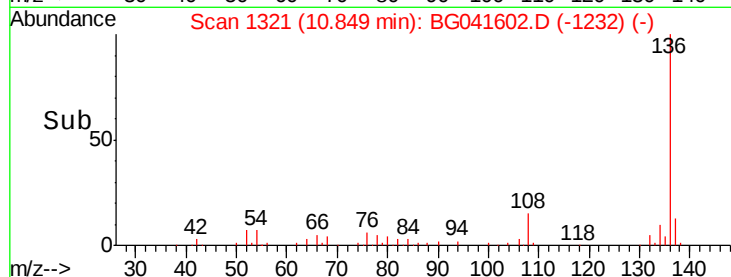
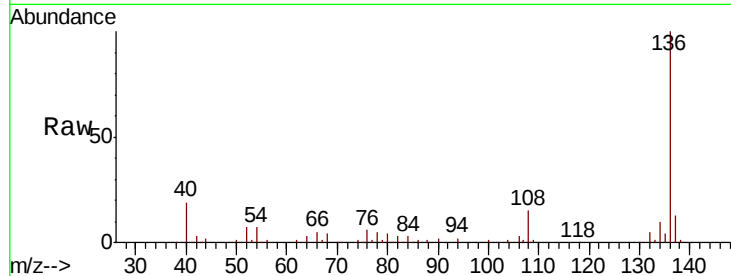
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG041602.D
Acq: 3 Jul 2019 22:56

Instrument :
BNA_G
ClientSampleId :
FK-PS-01-051MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		108896		
137	12.9	9.3	13.9		
54	7.6	7.1	10.7		
68	4.5	3.3	4.9		

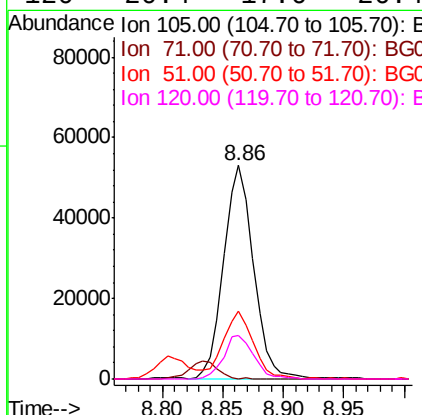
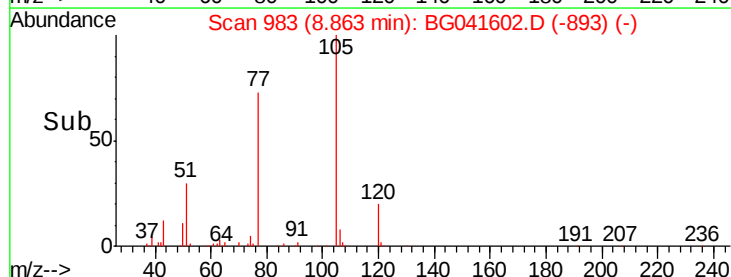
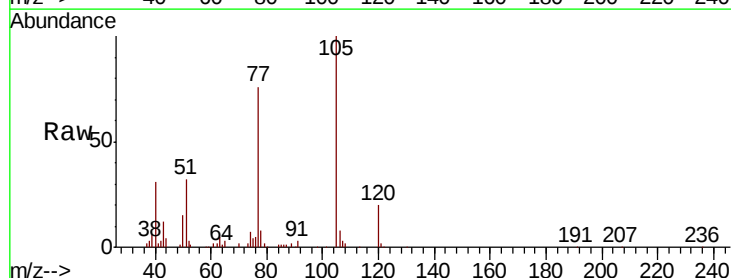
Manual Integrations
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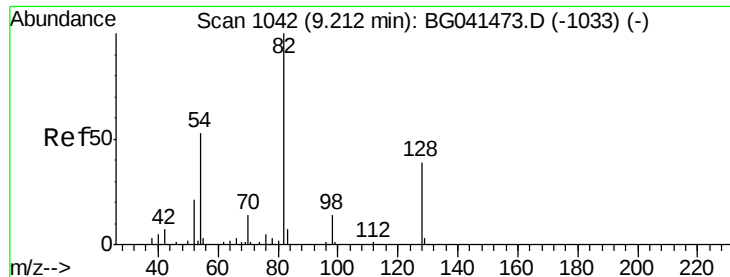
mohammad
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#22
Acetophenone
Concen: 28.067 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG041602.D
Acq: 3 Jul 2019 22:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		91678		
71	0.0	0.5	0.7#		
51	31.9	25.0	37.6		
120	20.4	17.6	26.4		





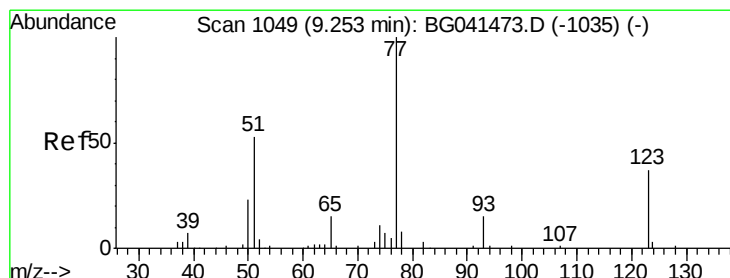
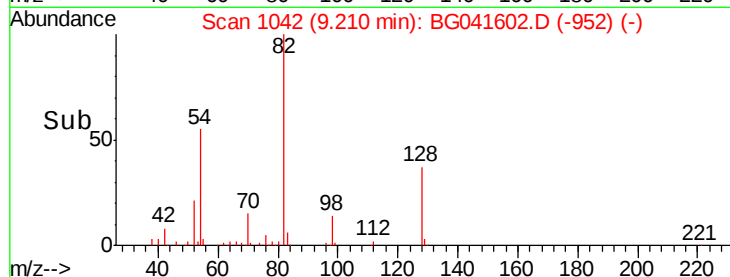
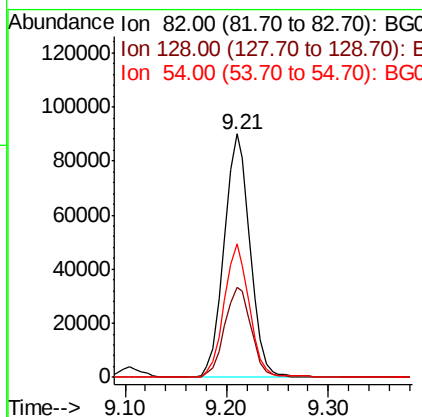
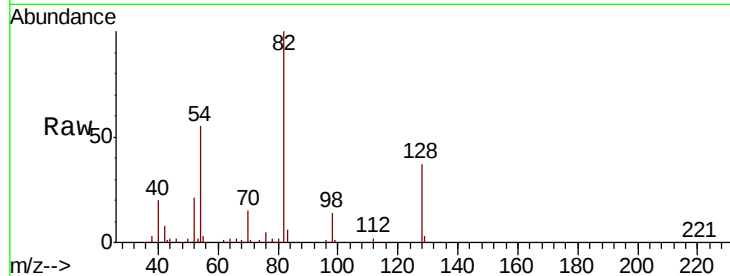
#23
Nitrobenzene-d5
Concen: 61.235 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG041602.D
Acq: 3 Jul 2019 22:56

Instrument :
BNA_G
ClientSampleId :
FK-PS-01-051MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.1	30.9	46.3
54	54.9	42.2	63.2

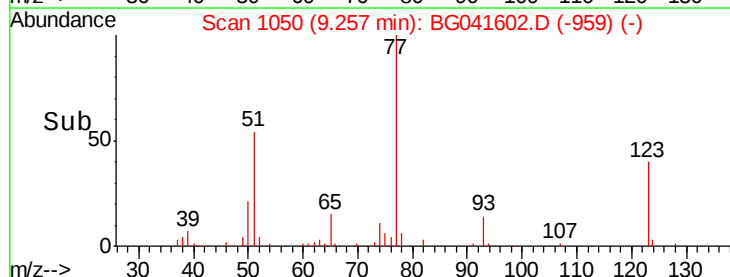
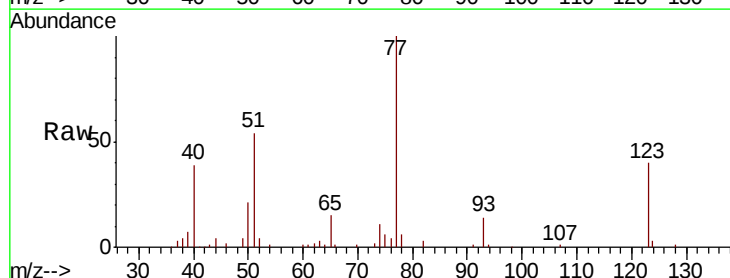
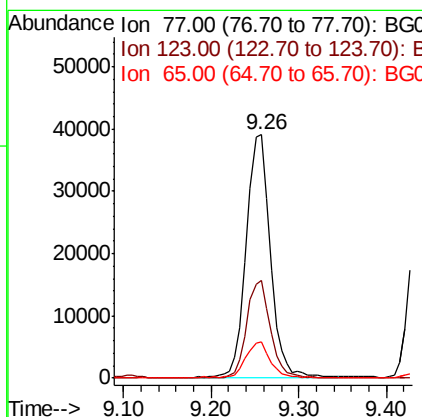
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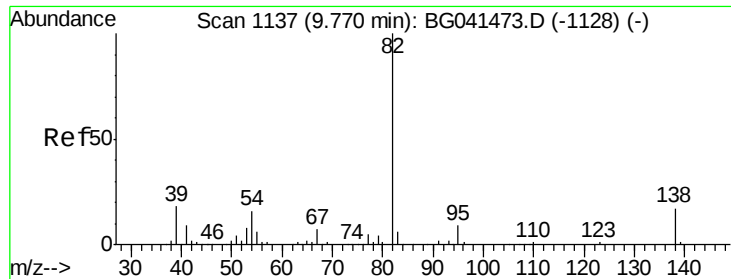
mohammad
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#24
Nitrobenzene
Concen: 27.943 ng
RT: 9.26 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BG041602.D
Acq: 3 Jul 2019 22:56

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.0	29.9	44.9
65	15.0	12.2	18.4





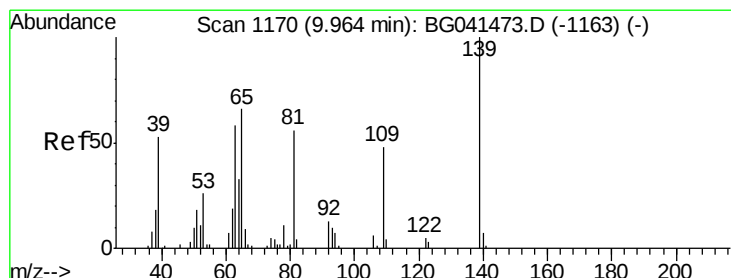
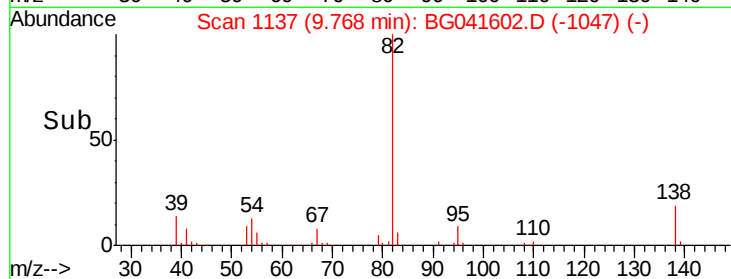
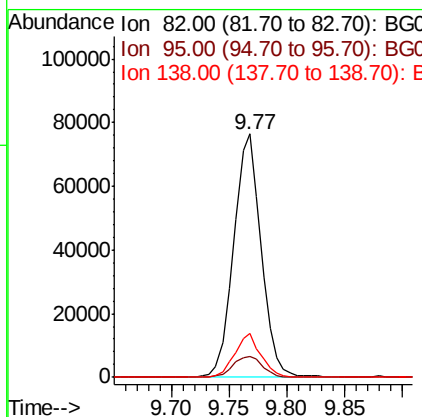
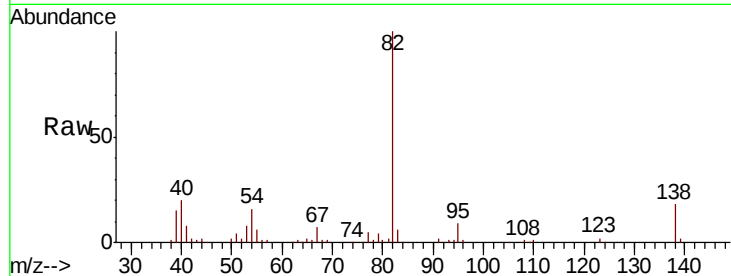
#25
Isophorone
Concen: 26.906 ng
RT: 9.77 min Scan# 1137
Delta R.T. -0.00 min
Lab File: BG041602.D
Acq: 3 Jul 2019 22:56

Instrument :
BNA_G
ClientSampleId :
FK-PS-01-051MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	126128		
95	8.8	6.8	10.2	
138	17.8	13.7	20.5	

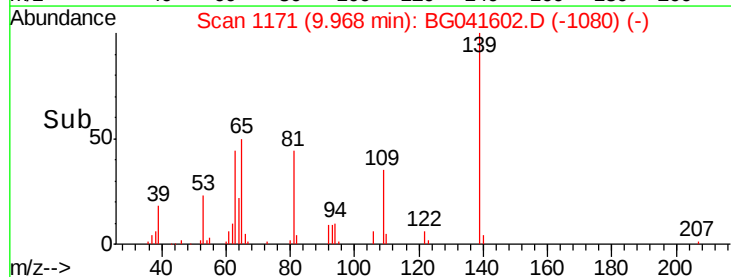
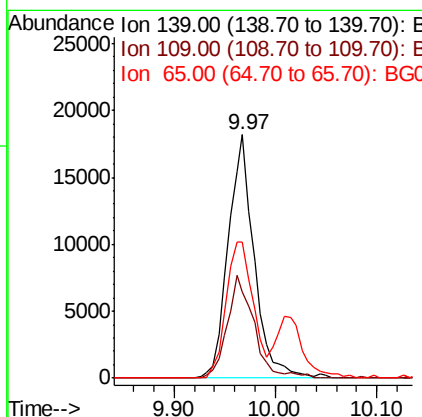
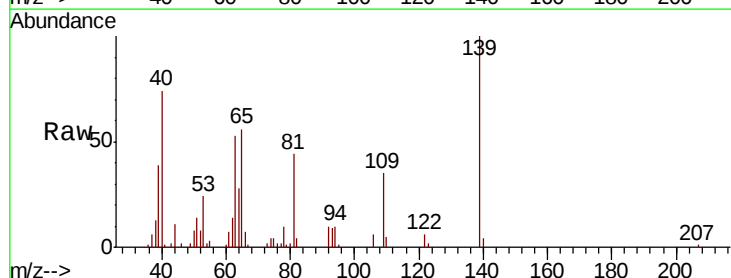
Manual Integrations
APPROVED

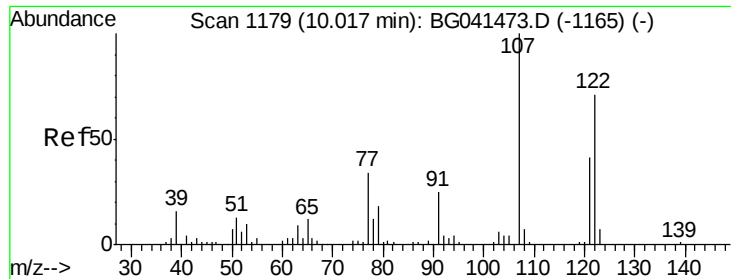
mohammad
7/8/2019 2:11:39 PM



#26
2-Nitrophenol
Concen: 29.623 ng
RT: 9.97 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BG041602.D
Acq: 3 Jul 2019 22:56

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	32422		
109	35.4	38.6	57.8#	
65	55.9	52.6	78.8	





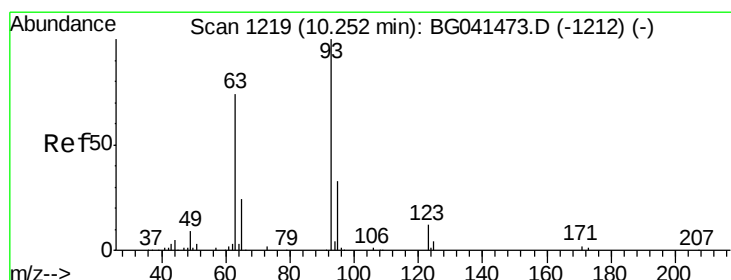
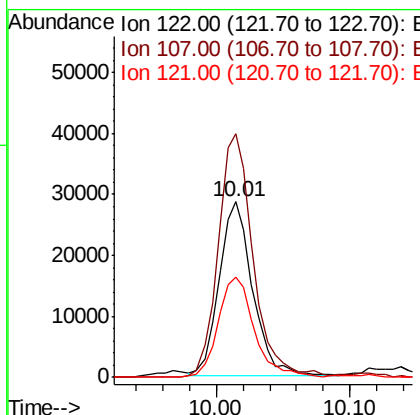
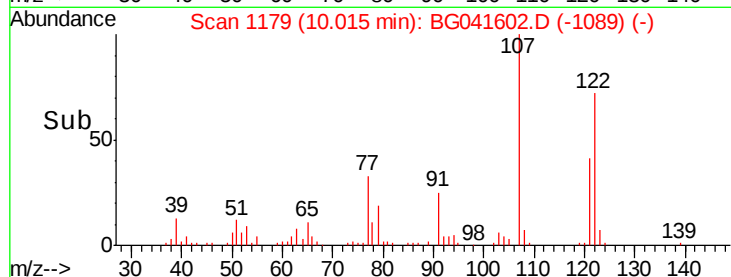
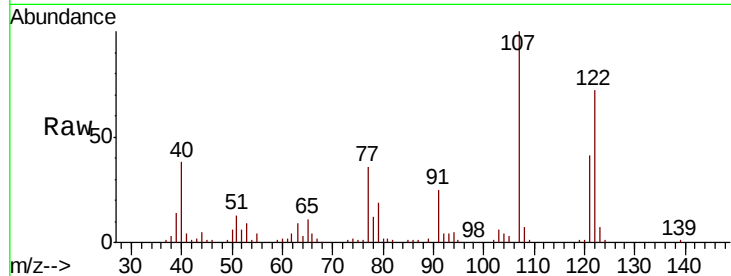
#27
2,4-Dimethylphenol
Concen: 32.721 ng
RT: 10.01 min Scan# 1179
Delta R.T. -0.00 min
Lab File: BG041602.D
Acq: 3 Jul 2019 22:56

Instrument :
BNA_G
ClientSampleId :
FK-PS-01-051MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	139.0	112.9	169.3
121	56.9	46.1	69.1

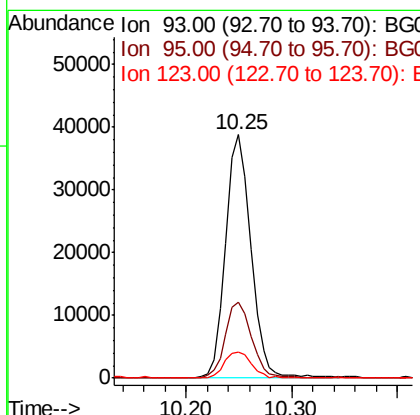
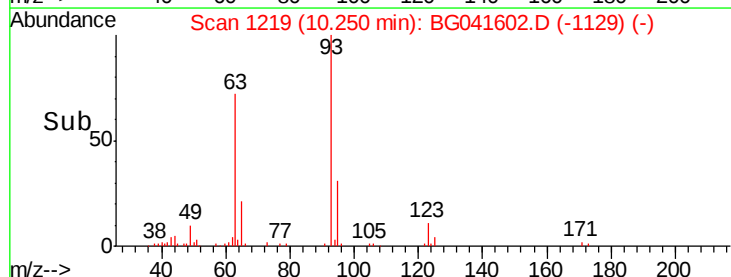
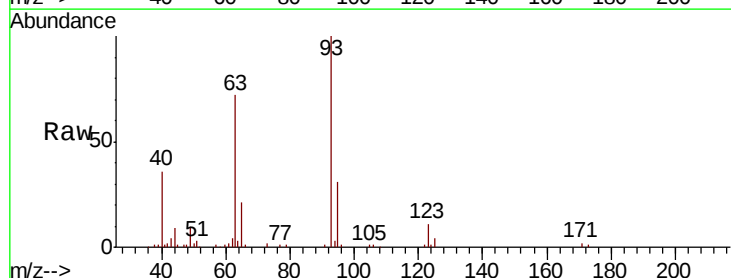
Manual Integrations
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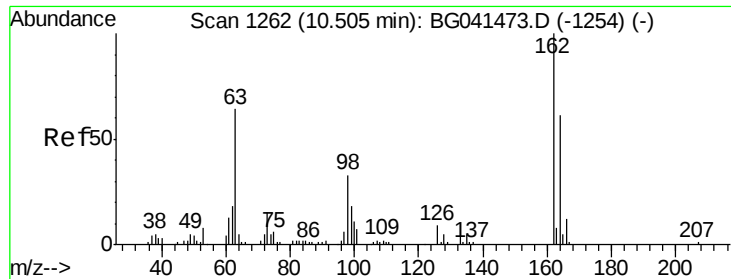
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 26.018 ng
RT: 10.25 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BG041602.D
Acq: 3 Jul 2019 22:56

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.1	26.2	39.2
123	10.8	9.6	14.4





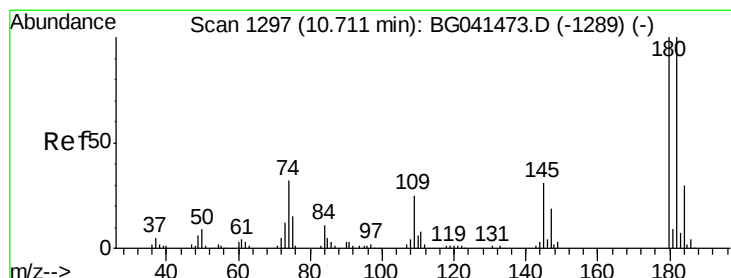
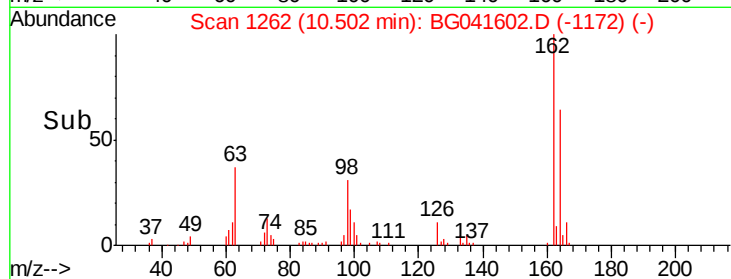
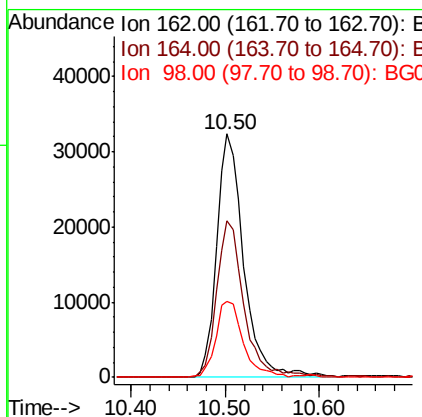
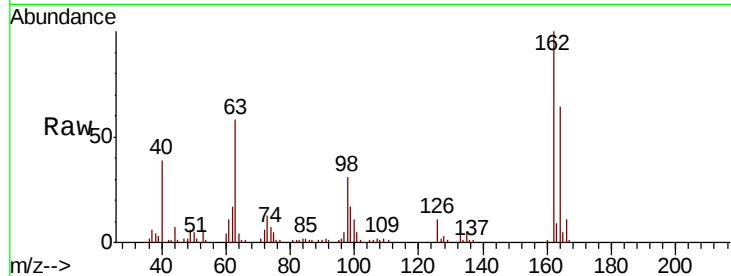
#29
 2,4-Dichlorophenol
 Concen: 31.578 ng
 RT: 10.50 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: BG041602.D
 Acq: 3 Jul 2019 22:56

Instrument :
 BNA_G
 ClientSampleId :
 FK-PS-01-051MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	41.3	81.3
98	31.4	13.2	53.2

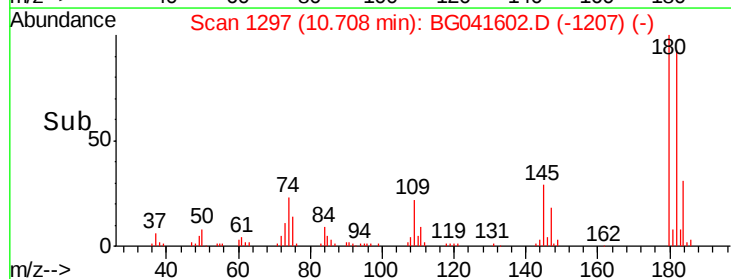
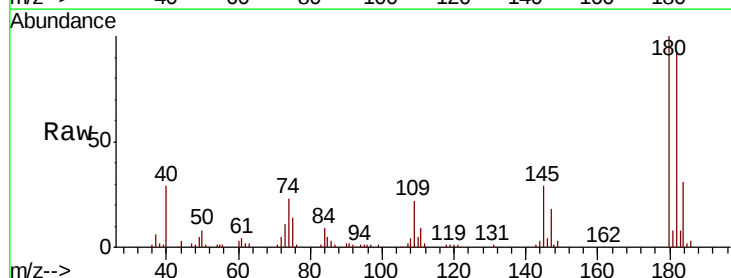
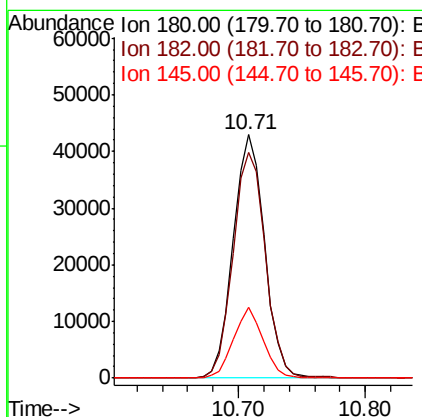
Manual Integrations
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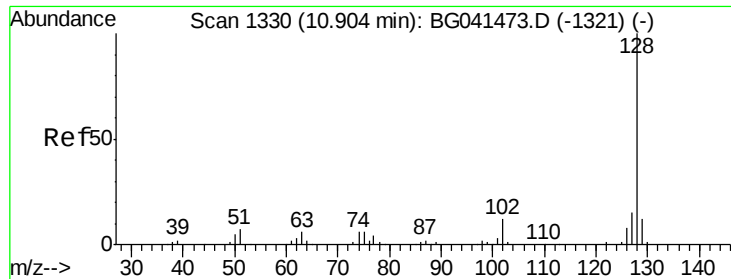
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 27.809 ng
 RT: 10.71 min Scan# 1297
 Delta R.T. -0.00 min
 Lab File: BG041602.D
 Acq: 3 Jul 2019 22:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.6	79.9	119.9
145	28.9	24.7	37.1





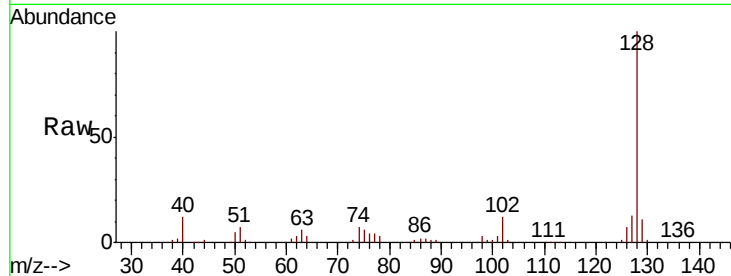
#31
Naphthalene
Concen: 29.235 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG041602.D
Acq: 3 Jul 2019 22:56

Instrument :
BNA_G
ClientSampleId :
FK-PS-01-051MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.7	14.5
127	13.2	11.6	17.4

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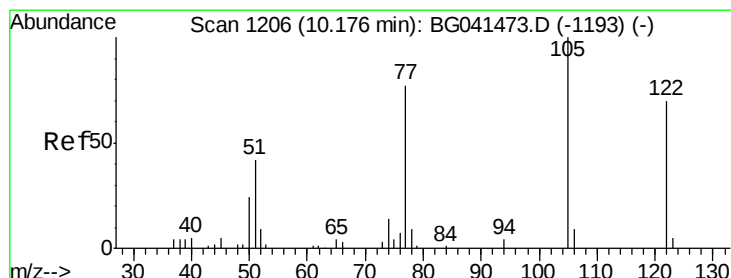
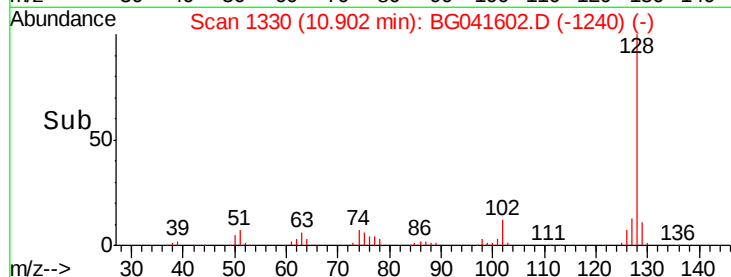
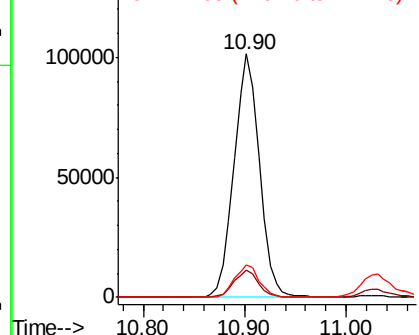


Abundance

Ion 128.00 (127.70 to 128.70): E

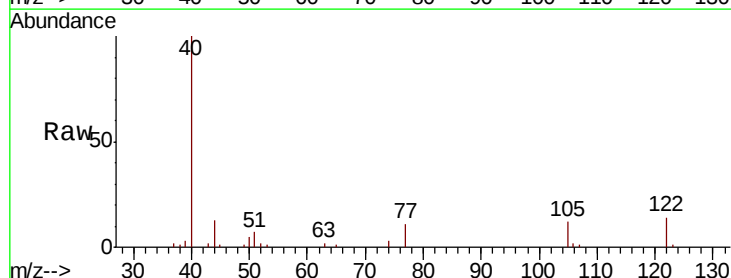
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 12.679 ng m
RT: 10.14 min Scan# 1200
Delta R.T. -0.04 min
Lab File: BG041602.D
Acq: 3 Jul 2019 22:56

Tgt Ion	Ratio	Lower	Upper
122	100		
105	88.4	117.8	157.8#
77	82.3	88.9	128.9#

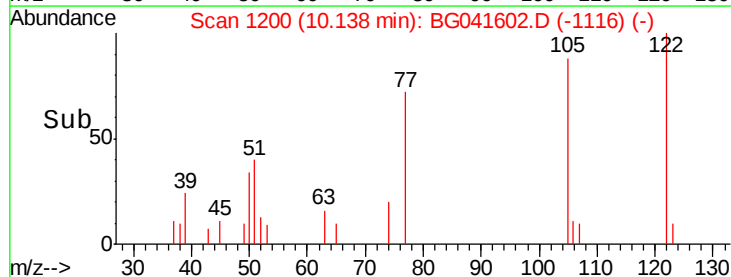
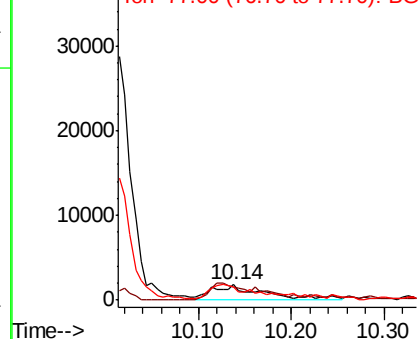


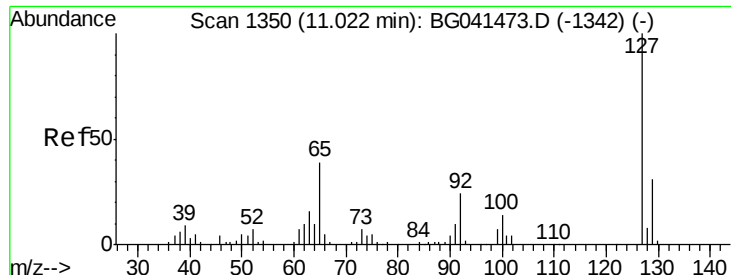
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGO





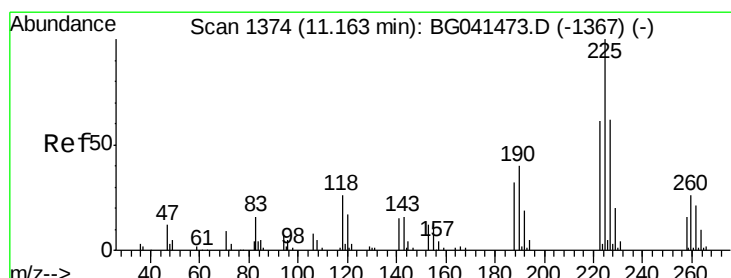
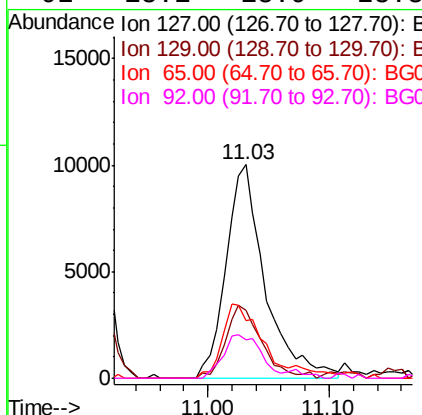
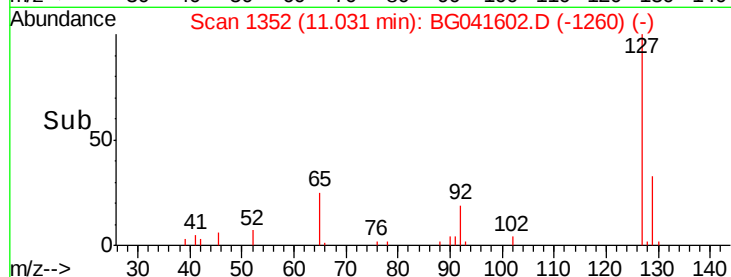
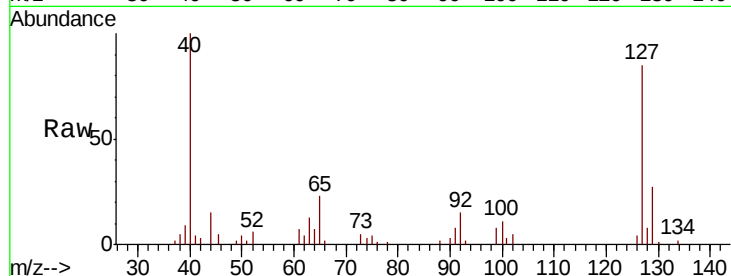
#33
4-Chloroaniline
Concen: 8.849 ng
RT: 11.03 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BG041602.D
Acq: 3 Jul 2019 22:56

Instrument :
BNA_G
ClientSampleId :
FK-PS-01-051MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.8	24.6	37.0
65	27.2	31.5	47.3
92	18.1	18.9	28.3

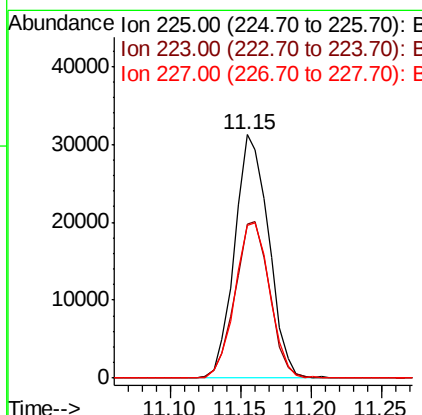
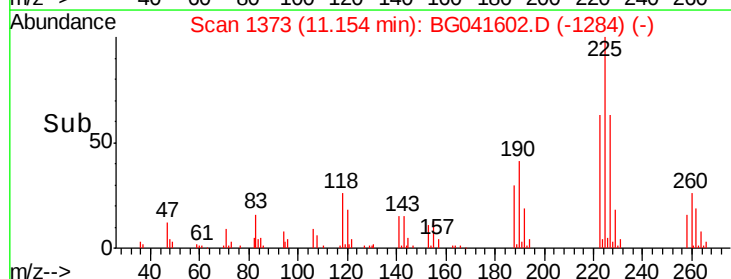
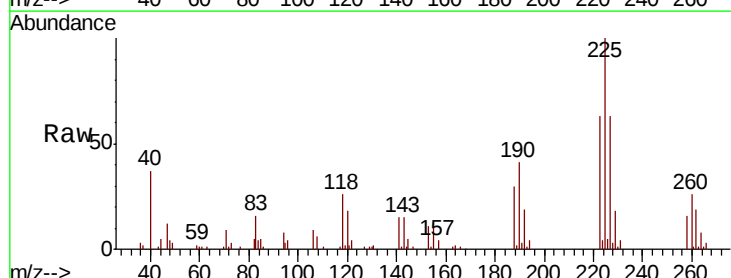
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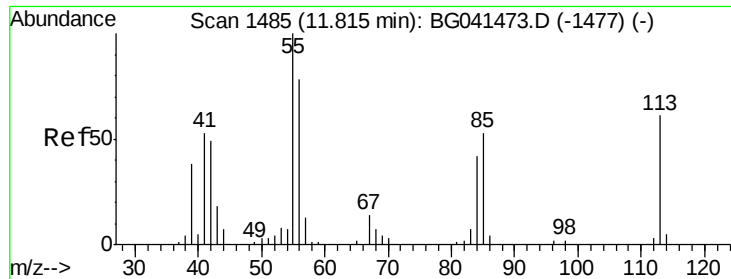
mohammad
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#34
Hexachlorobutadiene
Concen: 25.112 ng
RT: 11.15 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BG041602.D
Acq: 3 Jul 2019 22:56

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	48.6	72.8
227	62.7	49.3	73.9





#35

Caprolactam

Concen: 27.513 ng/ml

RT: 11.81 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BG041602.D

Acq: 3 Jul 2019 22:56

Instrument :

BNA_G

ClientSampleId :

FK-PS-01-051MSD

Tot Ion:113 Resp: 17676

Ion Ratio Lower Upper

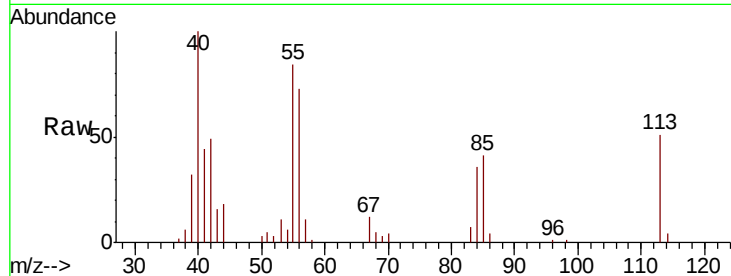
113 100

55 164.3 145.1 185.1

56 142.5 109.4 149.4

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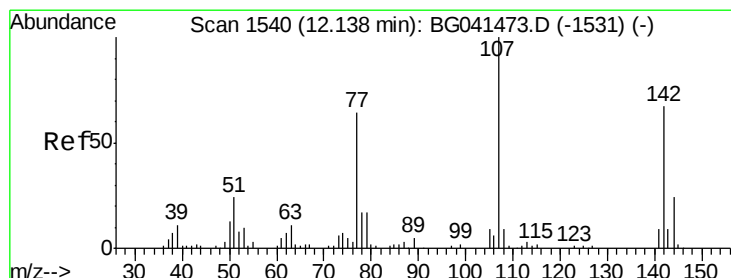
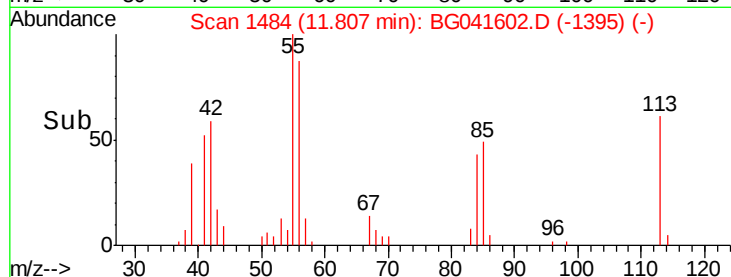
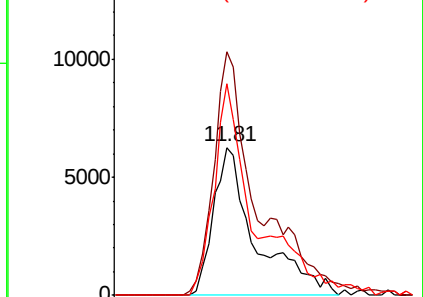
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 30.712 ng/ml

RT: 12.14 min Scan# 1541

Delta R.T. 0.00 min

Lab File: BG041602.D

Acq: 3 Jul 2019 22:56

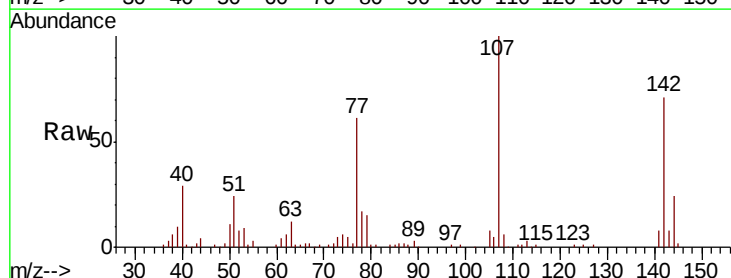
Tgt Ion:107 Resp: 68467

Ion Ratio Lower Upper

107 100

144 23.9 19.4 29.0

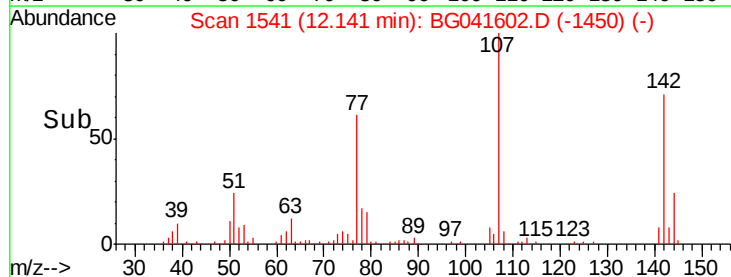
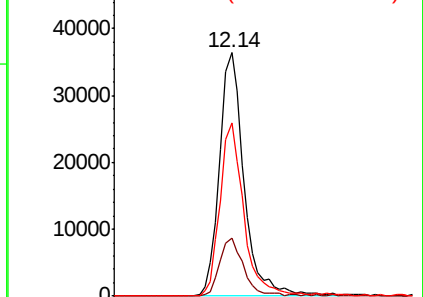
142 71.3 53.8 80.6

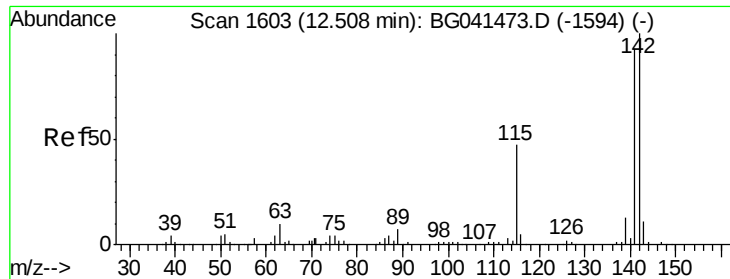


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





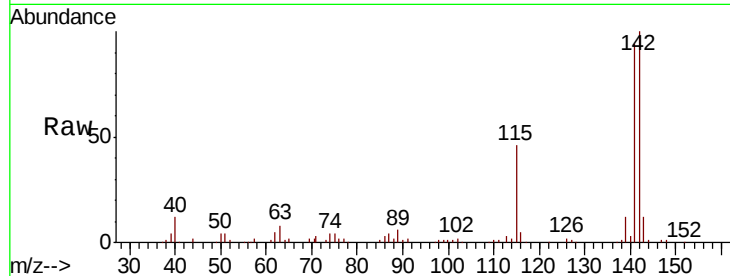
#37
2-Methylnaphthalene
Concen: 27.842 ng
RT: 12.51 min Scan# 1603
Delta R.T. -0.00 min
Lab File: BG041602.D
Acq: 3 Jul 2019 22:56

Instrument :
BNA_G
ClientSampleId :
FK-PS-01-051MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.5	74.8	112.2
115	45.7	38.0	57.0

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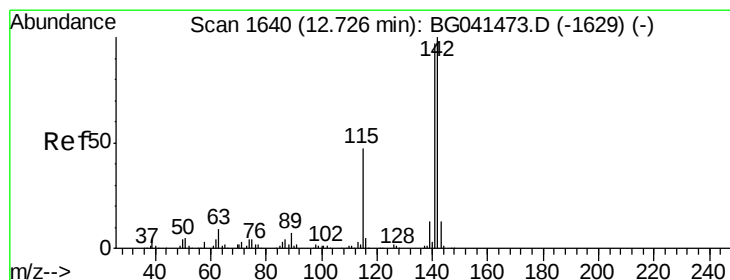
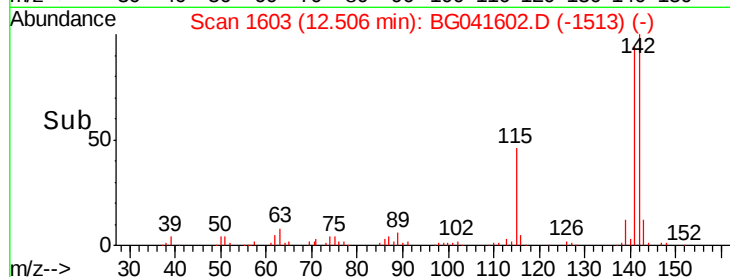
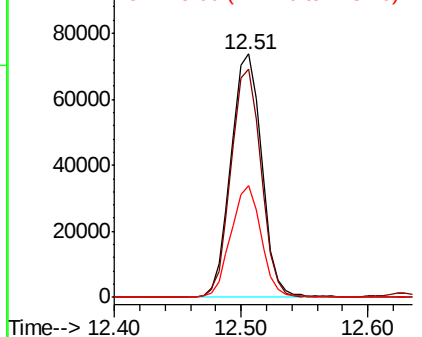


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 27.519 ng
RT: 12.72 min Scan# 1640
Delta R.T. -0.00 min
Lab File: BG041602.D
Acq: 3 Jul 2019 22:56

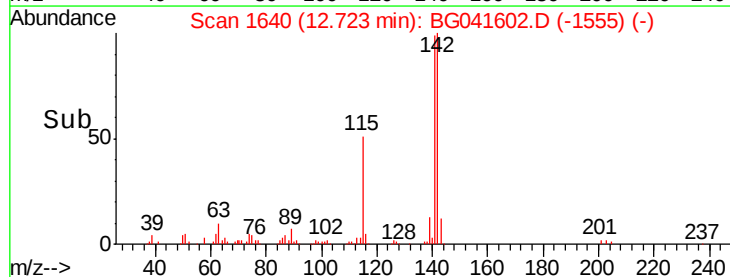
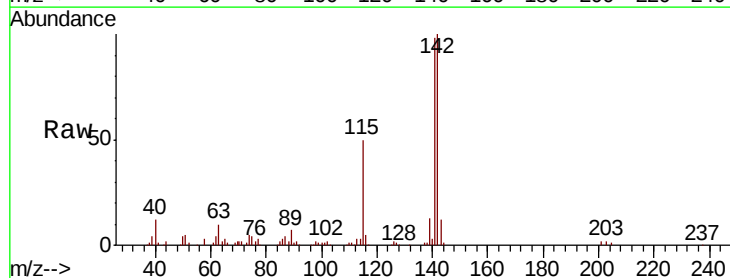
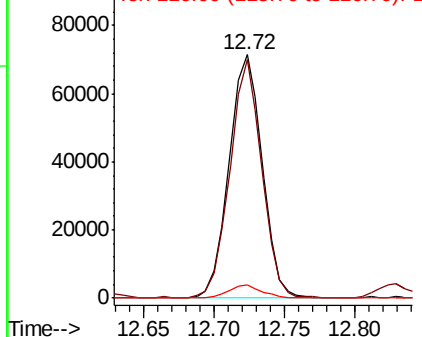
Tgt Ion	Ratio	Lower	Upper
142	100		
141	98.2	77.4	116.2
116	5.2	3.8	5.8

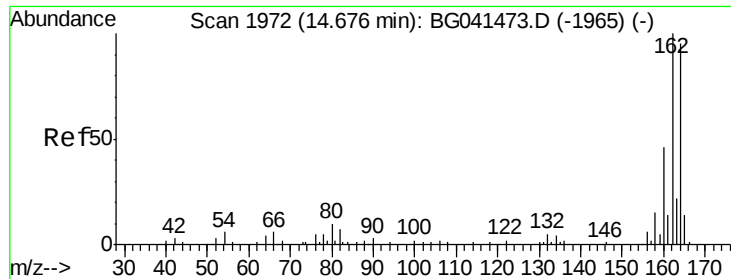
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1972

Delta R.T. -0.00 min

Lab File: BG041602.D

Acq: 3 Jul 2019 22:56

Instrument :

BNA_G

ClientSampleId :

FK-PS-01-051MSD

Tot Ion:164 Resp: 77218

Ion Ratio Lower Upper

164 100

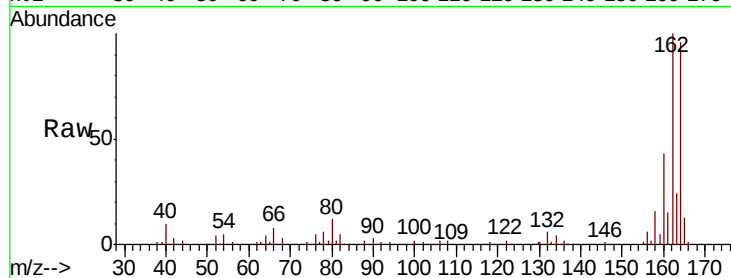
162 104.2 84.4 126.6

160 45.2 38.8 58.2

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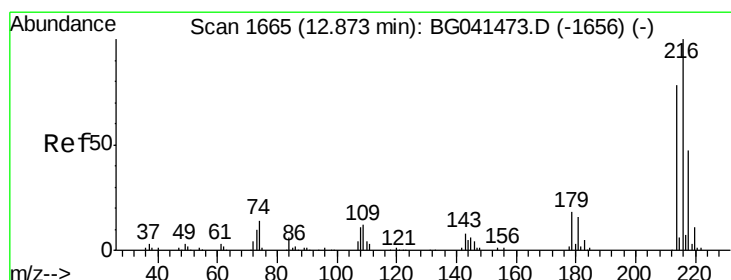
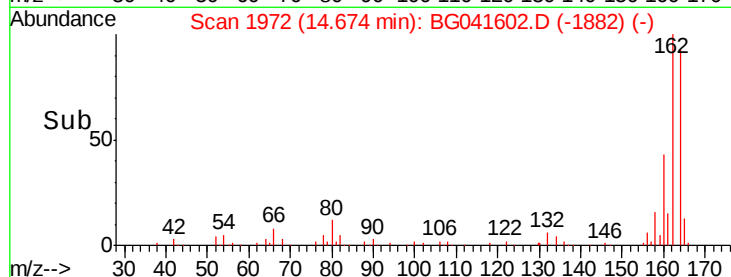
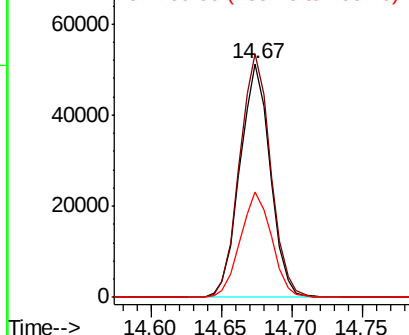


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 28.940 ng

RT: 12.86 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BG041602.D

Acq: 3 Jul 2019 22:56

Tgt Ion:216 Resp: 98401

Ion Ratio Lower Upper

216 100

214 78.5 63.4 95.2

179 18.2 15.1 22.7

108 13.2 11.7 17.5

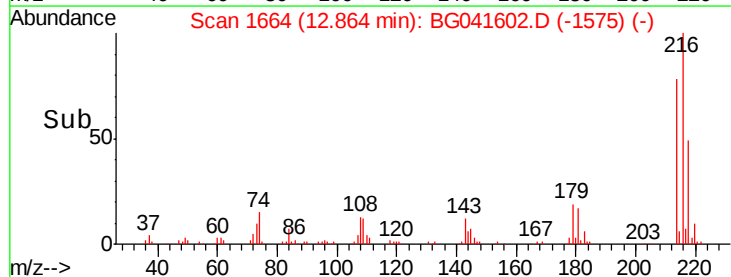
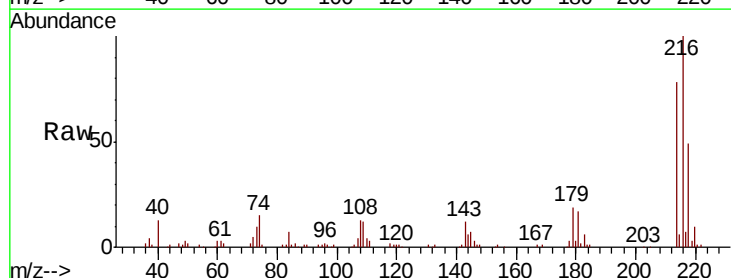
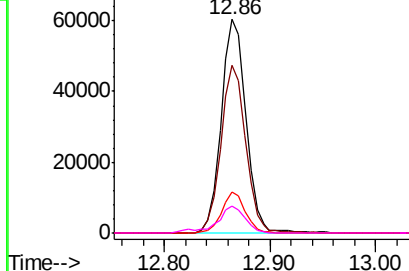
Abundance

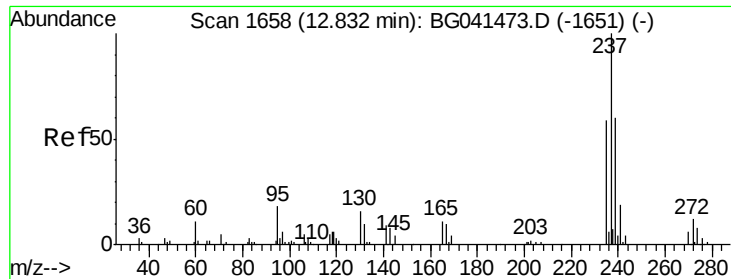
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 37.216 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BG041602.D

Acq: 3 Jul 2019 22:56

Instrument :

BNA_G

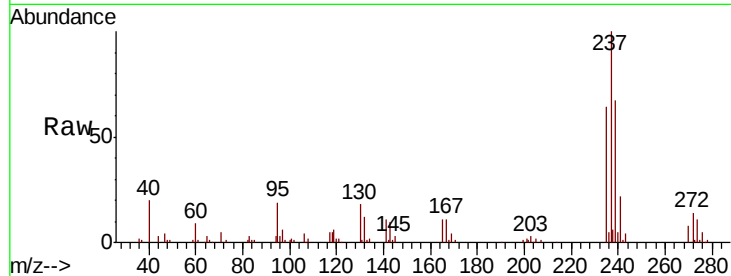
ClientSampleId :

FK-PS-01-051MSD

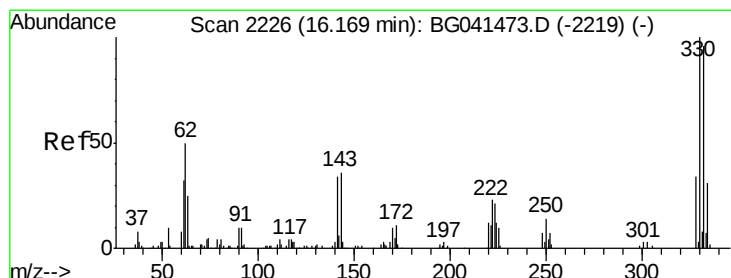
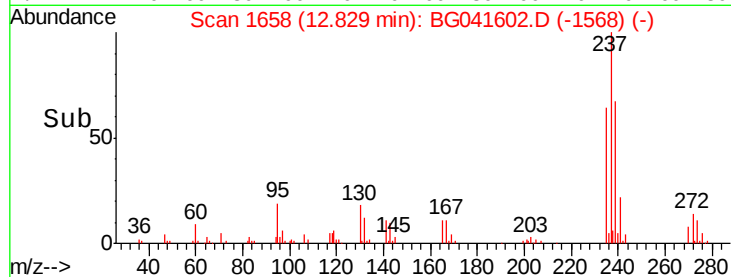
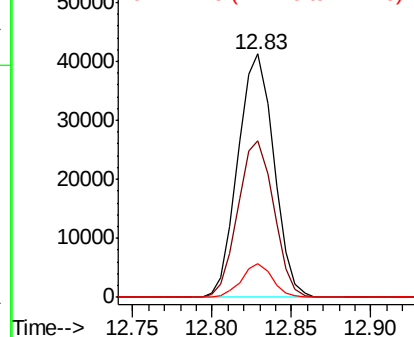
Tot Ion:	237	Resp:	64886
Ion Ratio	Lower	Upper	
237	100		
235	64.3	39.1	79.1
272	13.7	0.0	31.5

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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: 98.341 ng

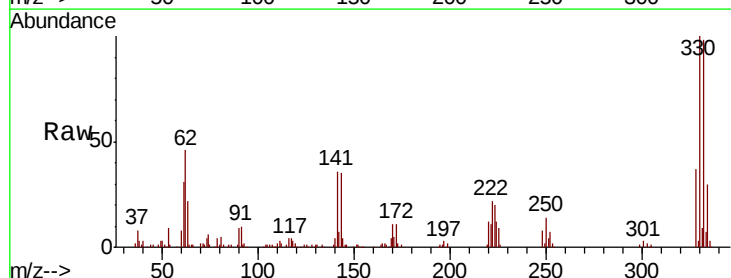
RT: 16.17 min Scan# 2226

Delta R.T. -0.00 min

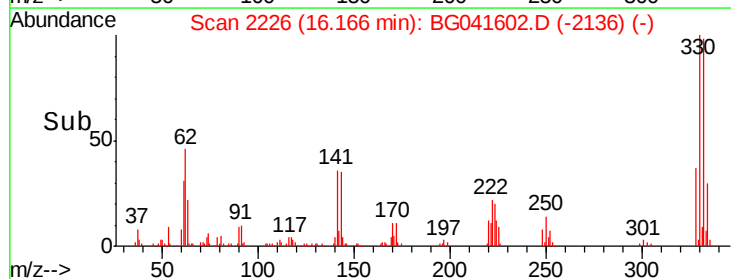
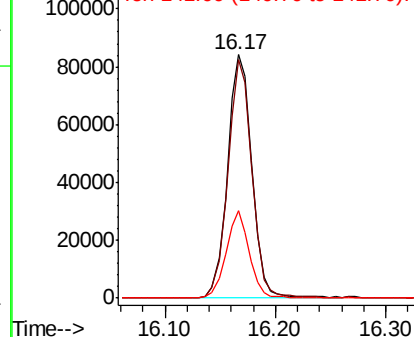
Lab File: BG041602.D

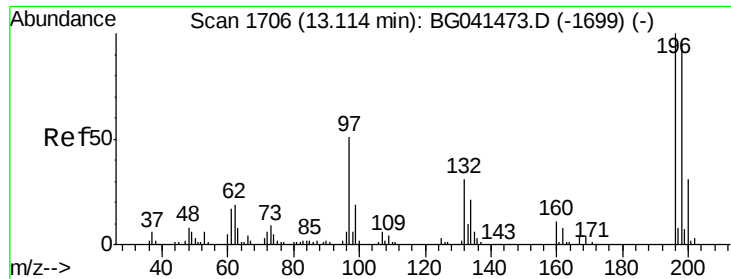
Acq: 3 Jul 2019 22:56

Tgt Ion:	330	Resp:	129657
Ion Ratio	Lower	Upper	
330	100		
332	95.9	75.5	113.3
141	33.8	27.8	41.6



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





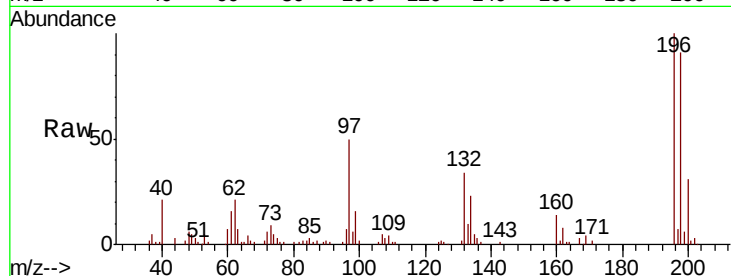
#43
 2,4,6-Trichlorophenol
 Concen: 31.090 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: BG041602.D
 Acq: 3 Jul 2019 22:56

Instrument :
 BNA_G
 ClientSampleId :
 FK-PS-01-051MSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	90.7	76.7	115.1
200	31.1	24.4	36.6

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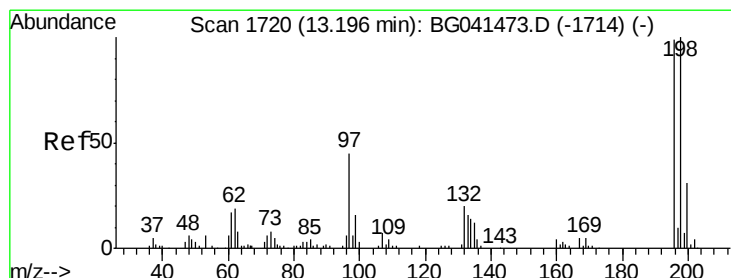
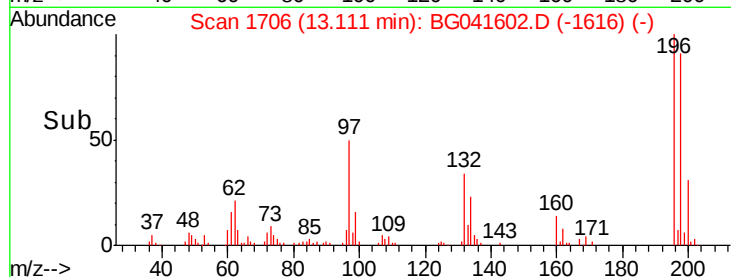
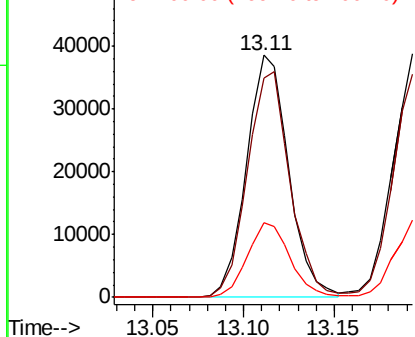


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 33.538 ng
 RT: 13.19 min Scan# 1720
 Delta R.T. -0.00 min
 Lab File: BG041602.D
 Acq: 3 Jul 2019 22:56

Tgt Ion	Ratio	Lower	Upper
196	100		
198	91.9	80.5	120.7
97	41.1	36.5	54.7
132	21.6	16.7	25.1

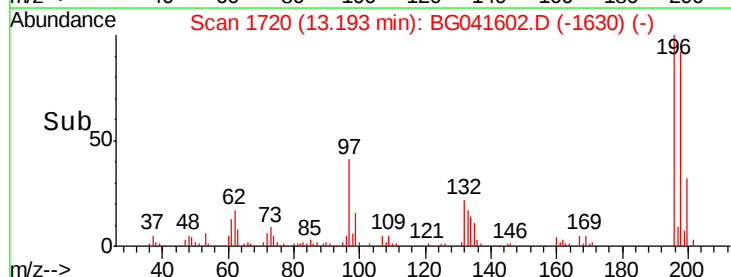
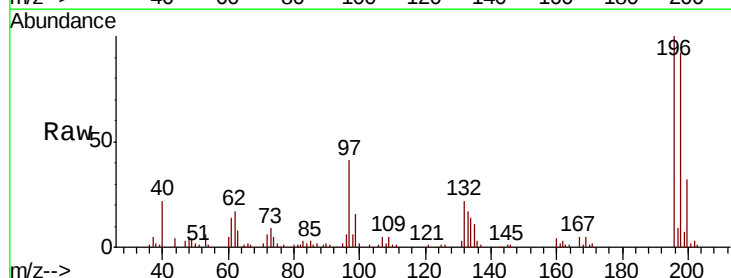
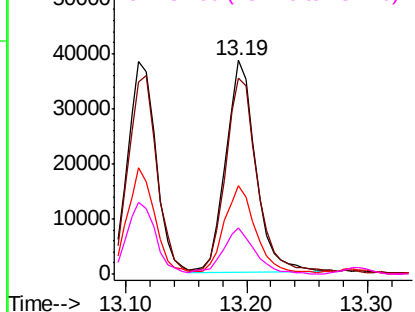
Abundance

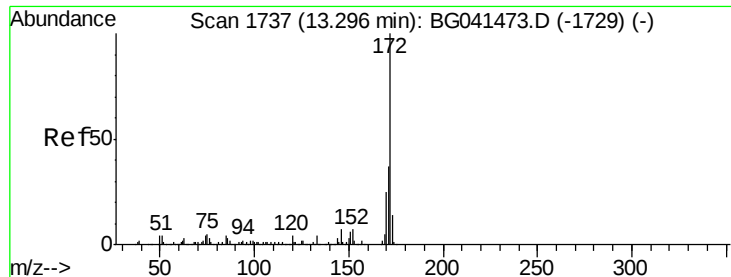
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E





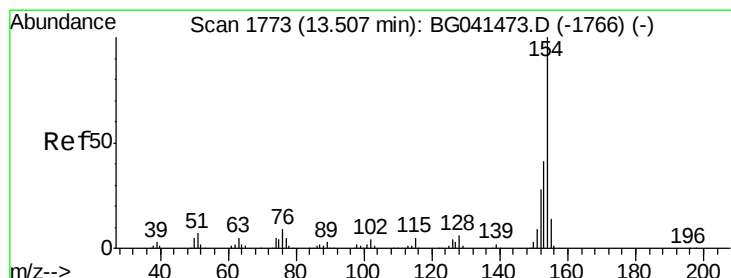
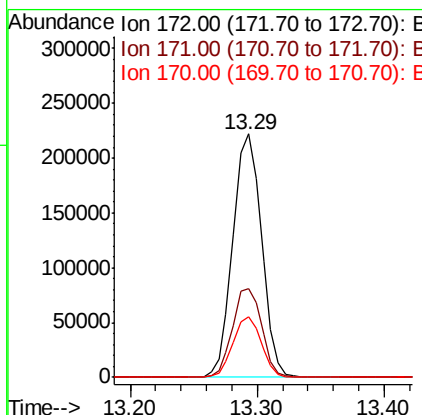
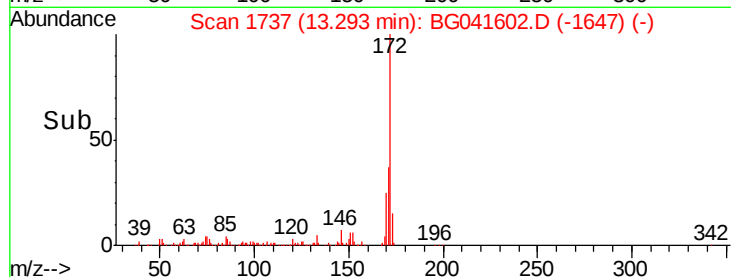
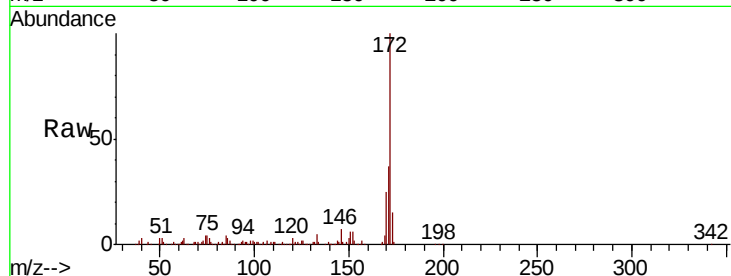
#45
2-Fluorobiphenyl
Concen: 57.782 ng
RT: 13.29 min Scan# 1737
Delta R.T. -0.00 min
Lab File: BG041602.D
Acq: 3 Jul 2019 22:56

Instrument :
BNA_G
ClientSampleId :
FK-PS-01-051MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	25.1	20.0	30.0

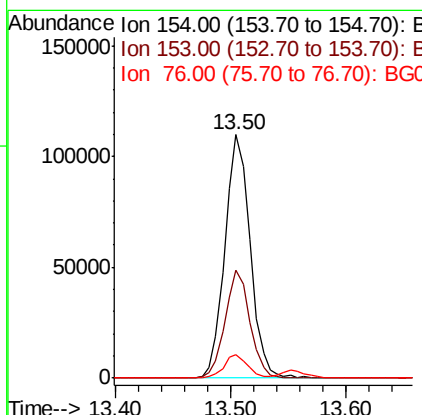
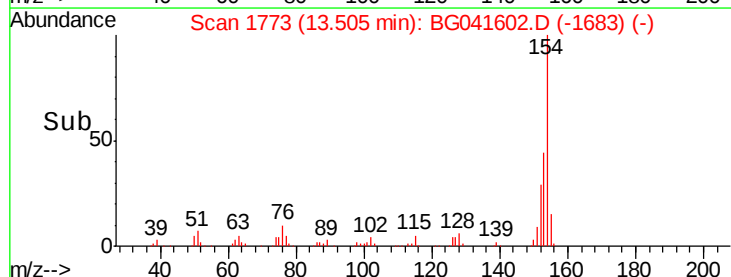
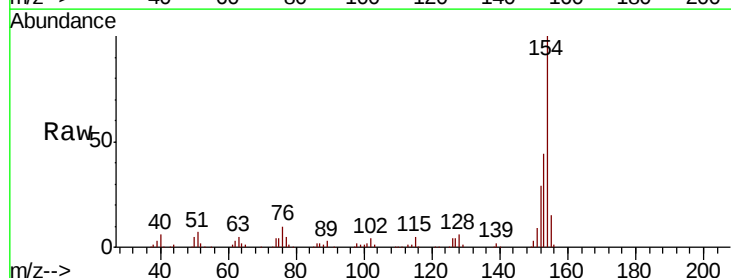
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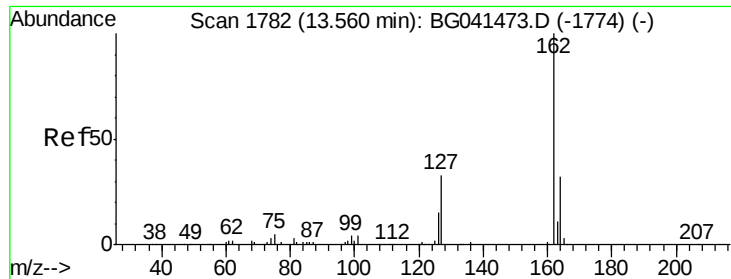
mohammad
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#46
1,1'-Biphenyl
Concen: 27.352 ng
RT: 13.50 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BG041602.D
Acq: 3 Jul 2019 22:56

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.2	20.9	60.9
76	9.6	0.0	29.4





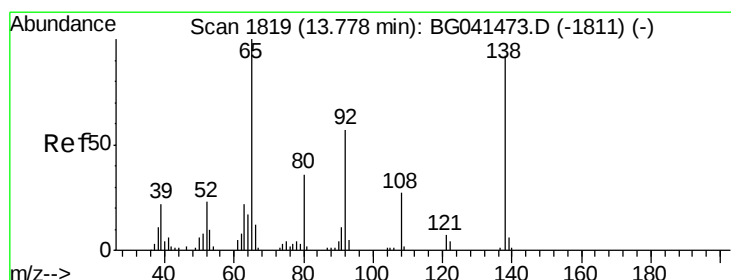
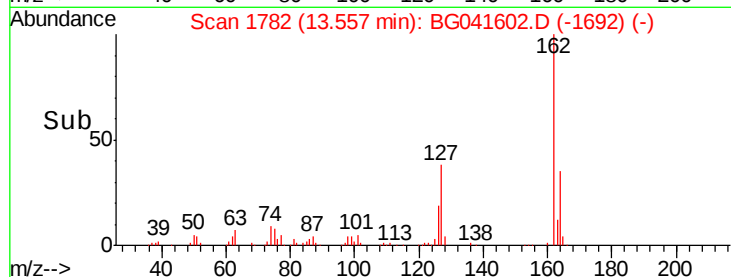
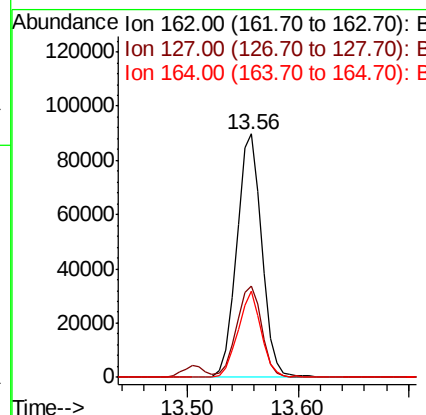
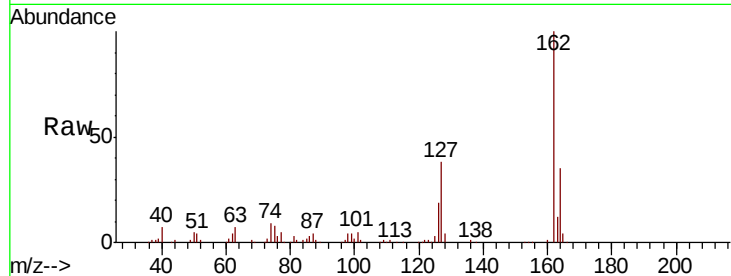
#47
2-Chloronaphthalene
Concen: 27.288 ng
RT: 13.56 min Scan# 1782
Delta R.T. -0.00 min
Lab File: BG041602.D
Acq: 3 Jul 2019 22:56

Instrument :
BNA_G
ClientSampleId :
FK-PS-01-051MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.5	30.0	45.0
164	35.3	25.8	38.6

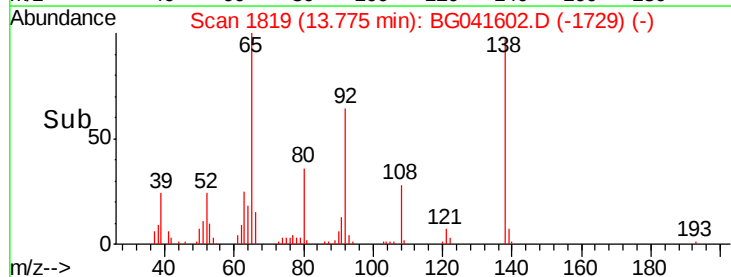
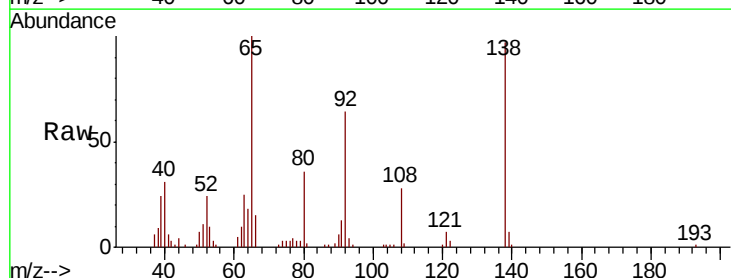
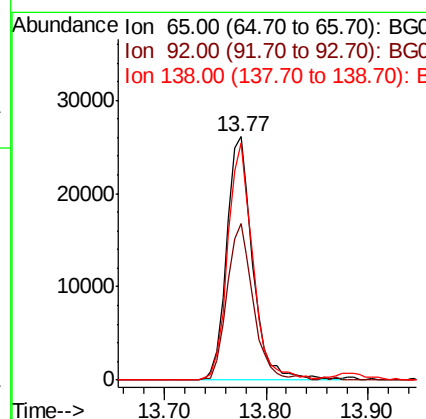
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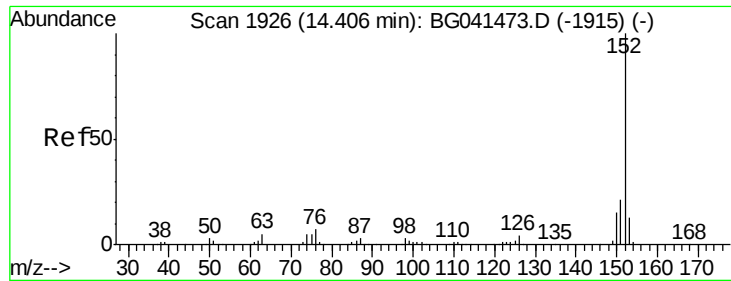
mohammad
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#48
2-Nitroaniline
Concen: 26.194 ng
RT: 13.77 min Scan# 1819
Delta R.T. -0.00 min
Lab File: BG041602.D
Acq: 3 Jul 2019 22:56

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.4	45.9	68.9
138	97.4	73.4	110.2





#49

Acenaphthylene

Concen: 28.728 ng

RT: 14.40 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BG041602.D

Acq: 3 Jul 2019 22:56

Instrument :

BNA_G

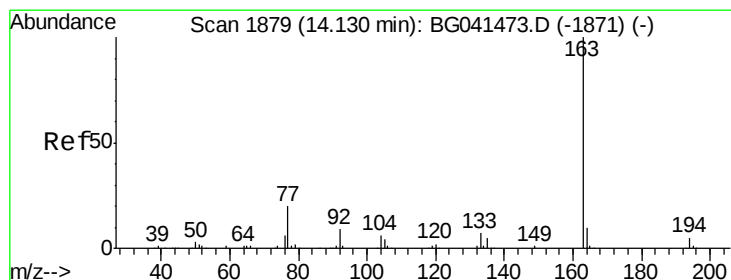
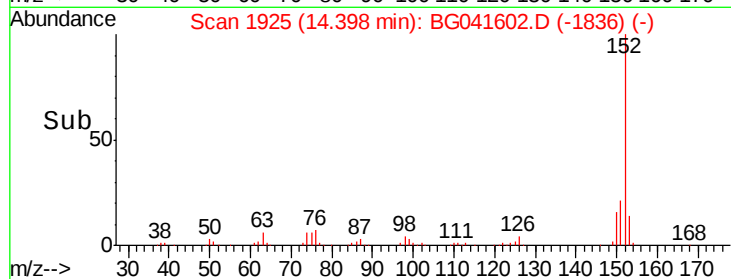
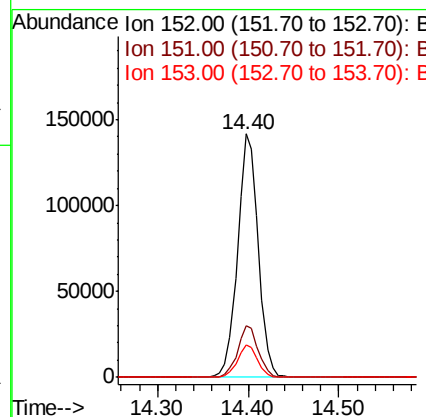
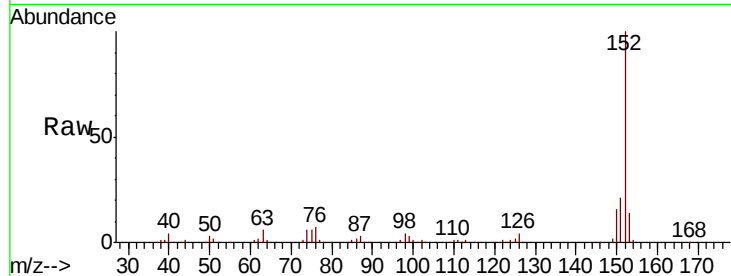
ClientSampleId :

FK-PS-01-051MSD

Tot Ion:	152	Resp:	224709
Ion Ratio	Lower	Upper	
152	100		
151	21.1	16.7	25.1
153	13.5	10.8	16.2

Manual Integrations
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#50

Dimethylphthalate

Concen: 38.787 ng

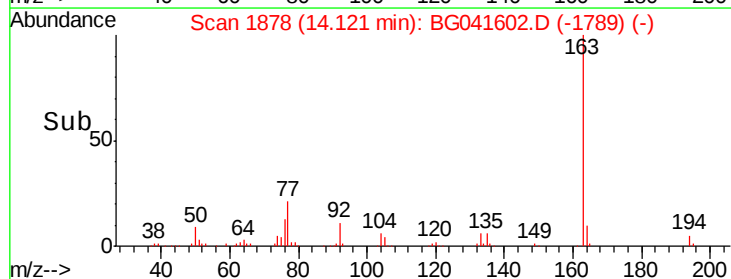
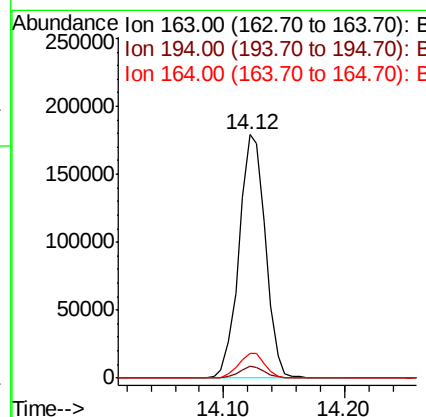
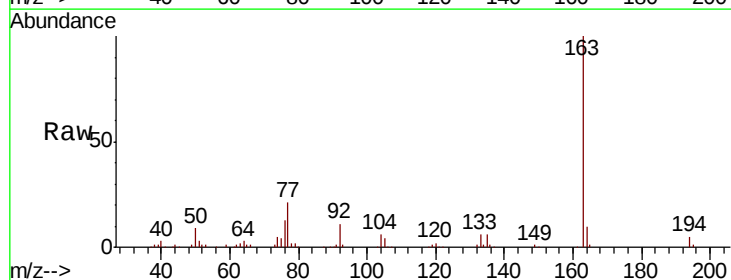
RT: 14.12 min Scan# 1878

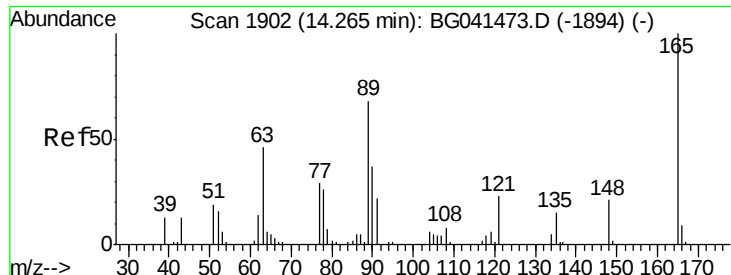
Delta R.T. -0.01 min

Lab File: BG041602.D

Acq: 3 Jul 2019 22:56

Tgt Ion:	163	Resp:	272553
Ion Ratio	Lower	Upper	
163	100		
194	5.2	3.7	5.5
164	10.1	7.8	11.6





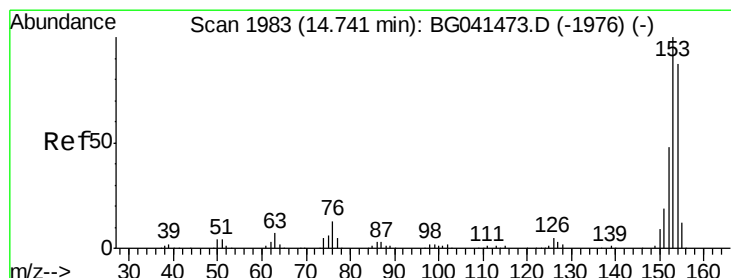
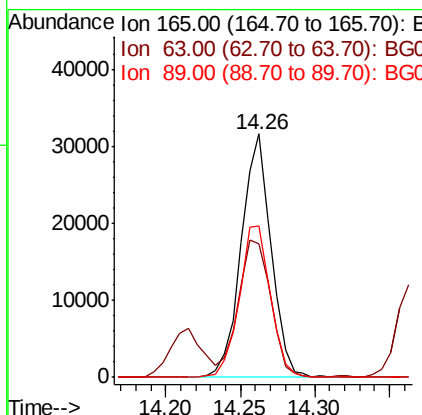
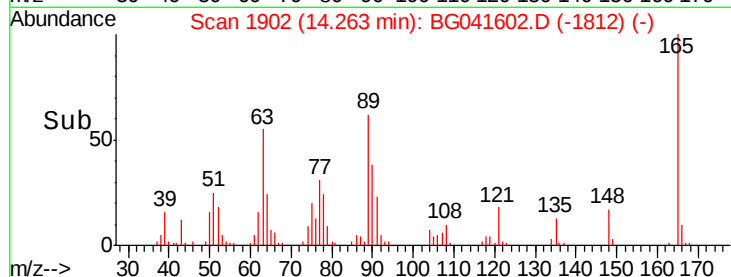
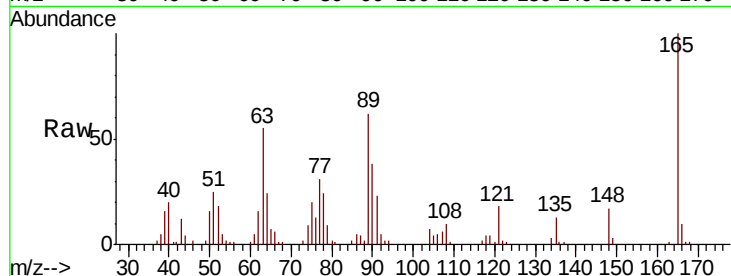
#51
 2,6-Dinitrotoluene
 Concen: 29.168 ng
 RT: 14.26 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: BG041602.D
 Acq: 3 Jul 2019 22:56

Instrument :
 BNA_G
 ClientSampleId :
 FK-PS-01-051MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	55.0	56.4	84.6#
89	62.0	54.6	81.8

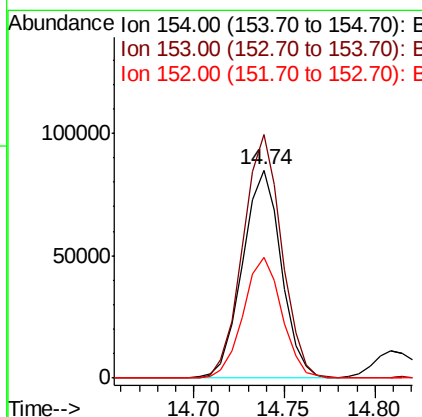
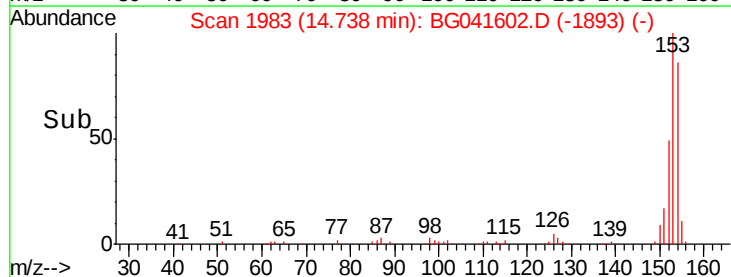
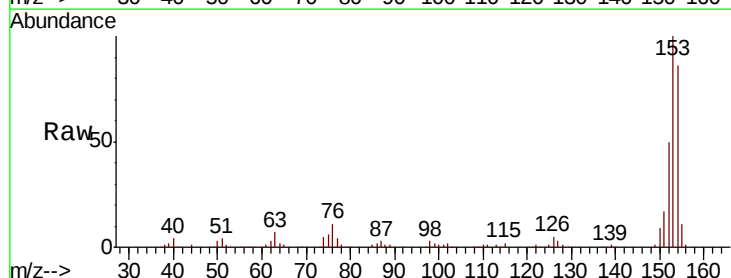
Manual Integrations
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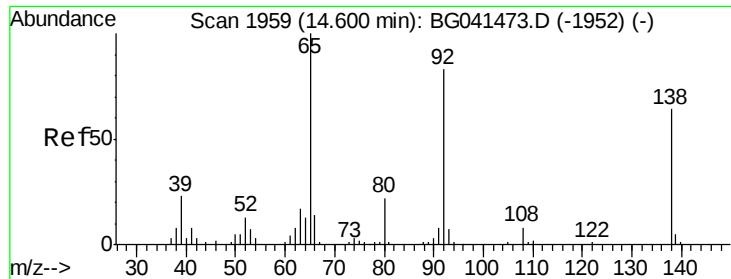
mohammad
 7/8/2019 2:11:39 PM



#52
 Acenaphthene
 Concen: 27.365 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. -0.00 min
 Lab File: BG041602.D
 Acq: 3 Jul 2019 22:56

Tgt Ion	Ratio	Lower	Upper
154	100		
153	116.9	92.2	138.4
152	58.2	44.1	66.1





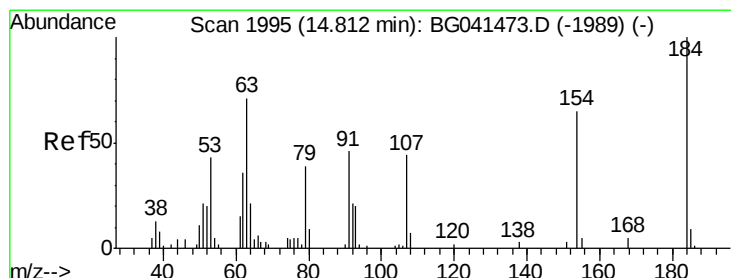
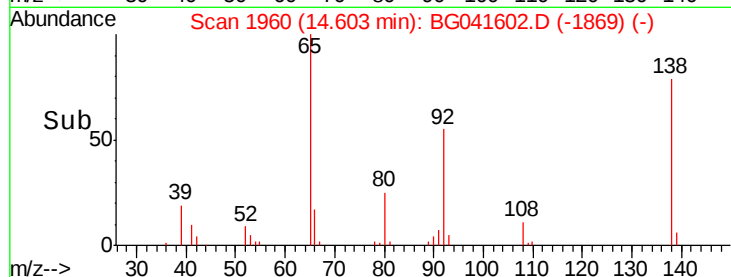
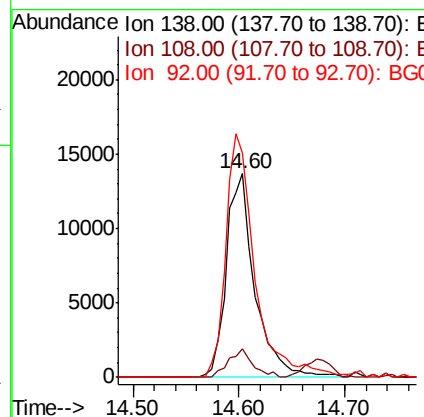
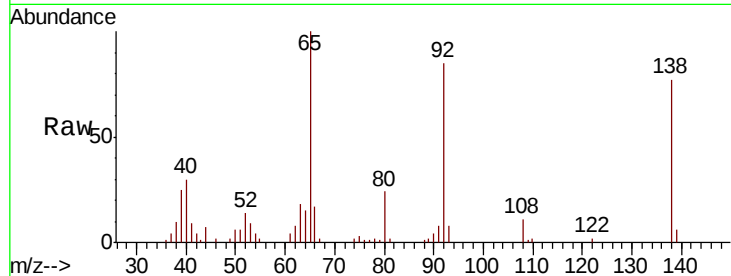
#53
3-Nitroaniline
Concen: 17.964 ng
RT: 14.60 min Scan# 1960
Delta R.T. 0.00 min
Lab File: BG041602.D
Acq: 3 Jul 2019 22:56

Instrument :
BNA_G
ClientSampleId :
FK-PS-01-051MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	14.0	9.5	14.3
92	110.1	103.3	154.9

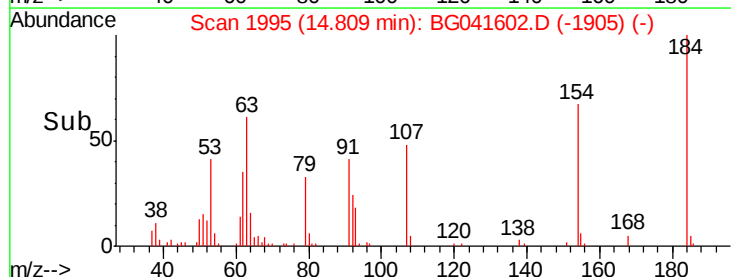
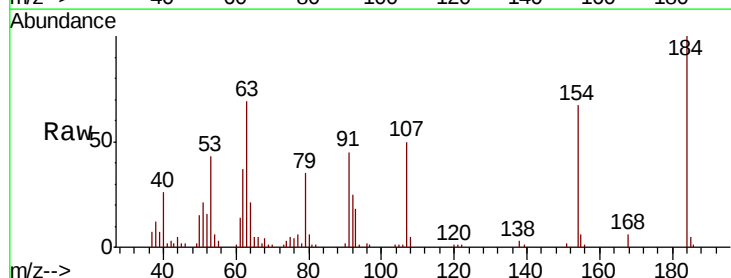
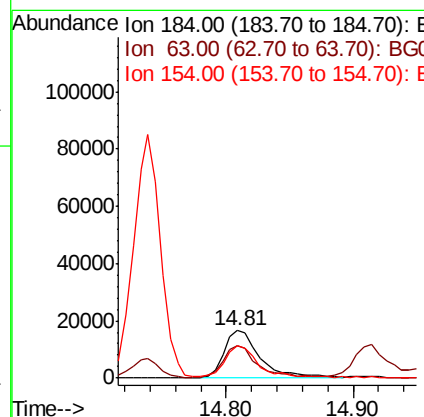
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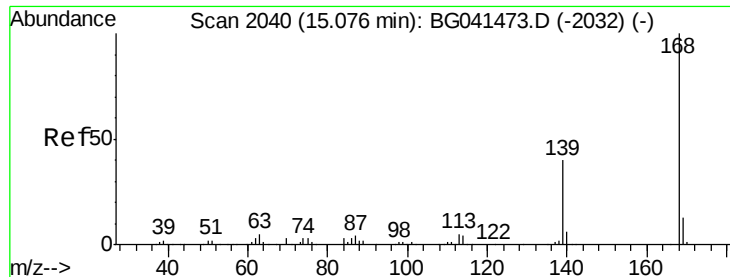
mohammad
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#54
2,4-Dinitrophenol
Concen: 38.210 ng
RT: 14.81 min Scan# 1995
Delta R.T. -0.00 min
Lab File: BG041602.D
Acq: 3 Jul 2019 22:56

Tgt Ion	Ratio	Lower	Upper
184	100		
63	69.1	56.5	84.7
154	67.0	54.2	81.4





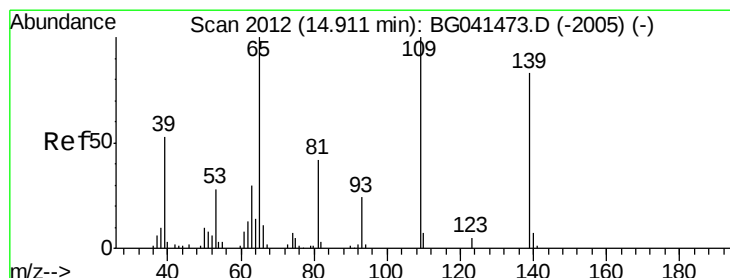
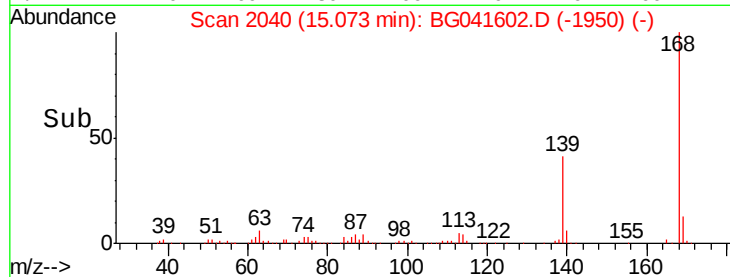
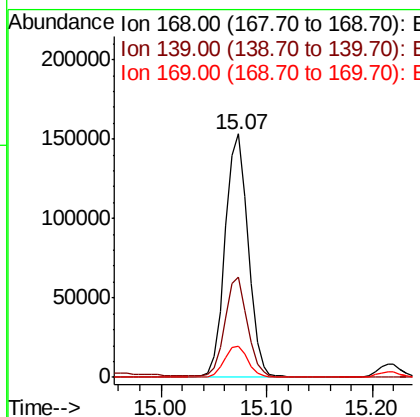
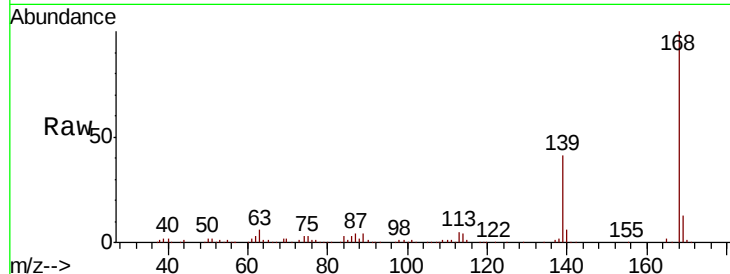
#55
Dibenzenofuran
Concen: 28.539 ng
RT: 15.07 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BG041602.D
Acq: 3 Jul 2019 22:56

Instrument :
BNA_G
ClientSampleId :
FK-PS-01-051MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.3	32.2	48.4
169	12.6	10.6	16.0

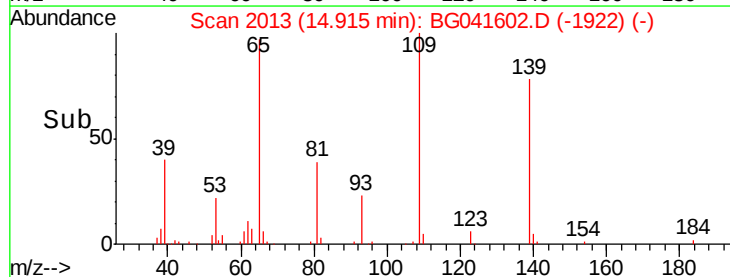
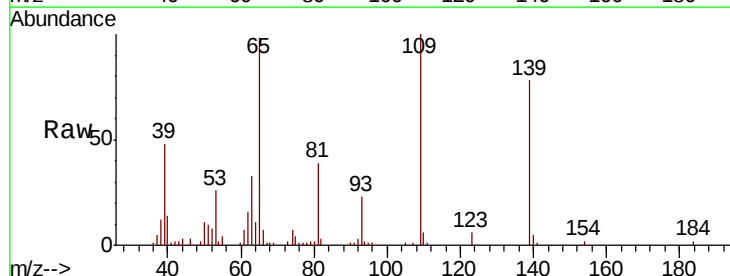
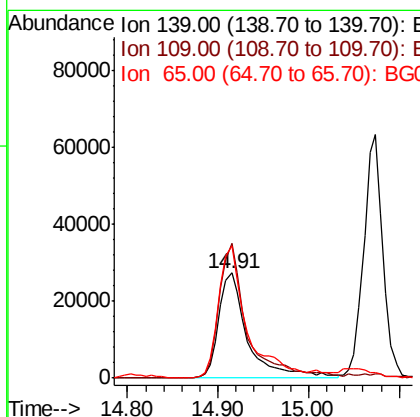
Manual Integrations
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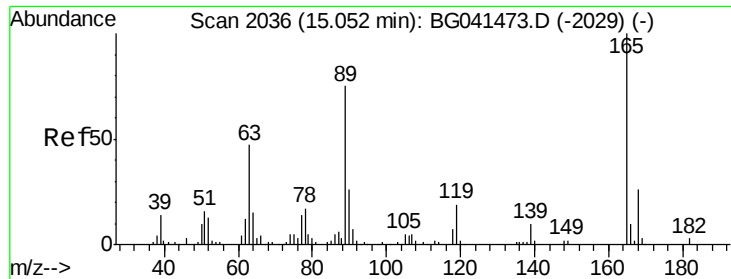
mohammad
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#56
4-Nitrophenol
Concen: 65.798 ng
RT: 14.91 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BG041602.D
Acq: 3 Jul 2019 22:56

Tgt Ion	Ratio	Lower	Upper
139	100		
109	129.0	99.9	139.9
65	126.4	100.6	140.6





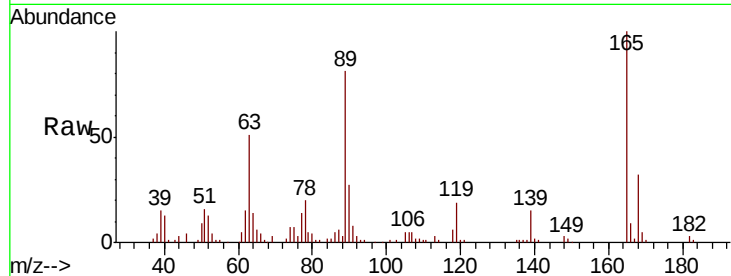
#57
2,4-Dinitrotoluene
Concen: 28.502 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG041602.D
Acq: 3 Jul 2019 22:56

Instrument :
BNA_G
ClientSampleId :
FK-PS-01-051MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	51.5	38.8	58.2
89	80.5	60.1	90.1
182	2.9	2.2	3.2

Manual Integrations
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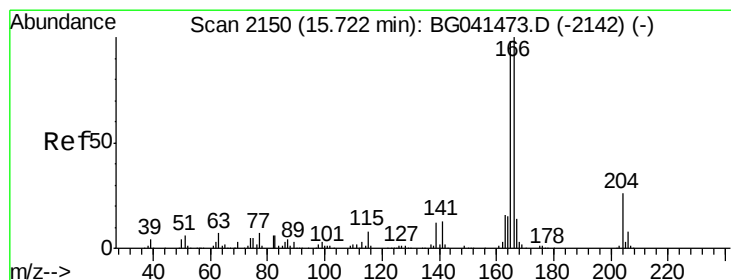
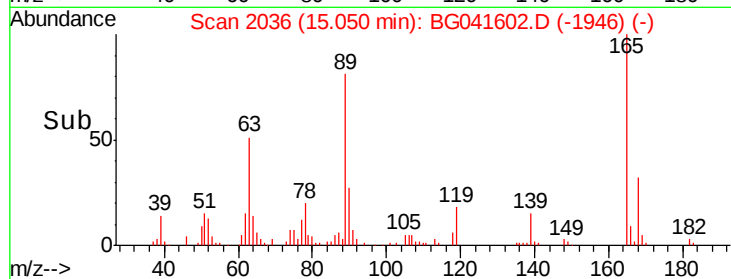
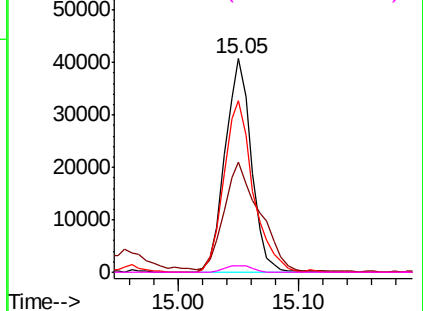
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

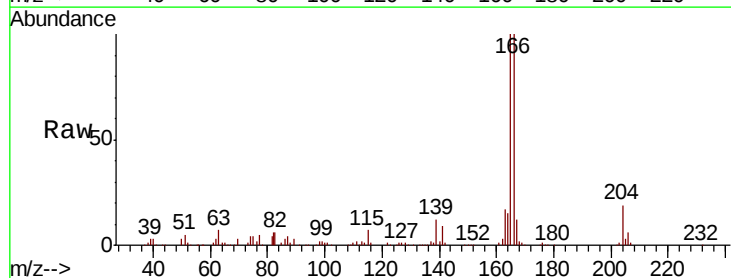
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 28.298 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.00 min
Lab File: BG041602.D
Acq: 3 Jul 2019 22:56

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.5	78.6	117.8
167	12.4	11.4	17.0

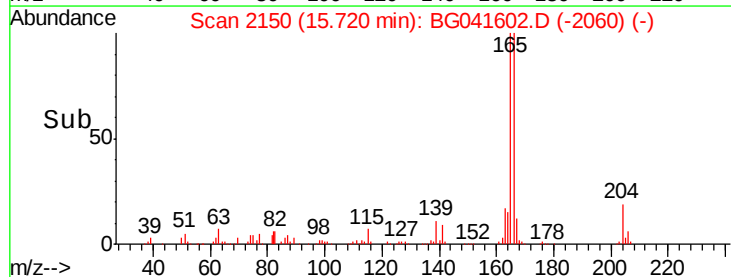
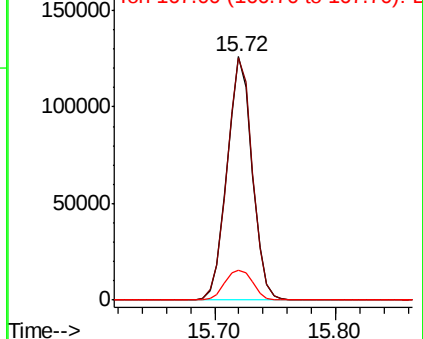


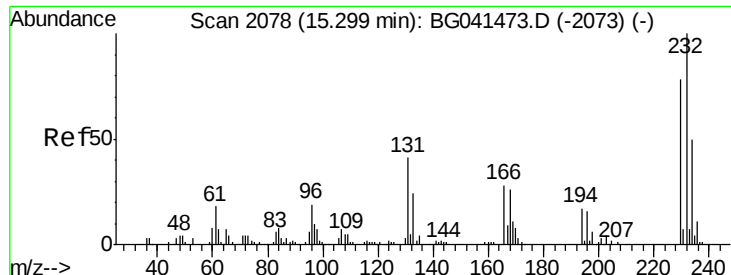
Abundance

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





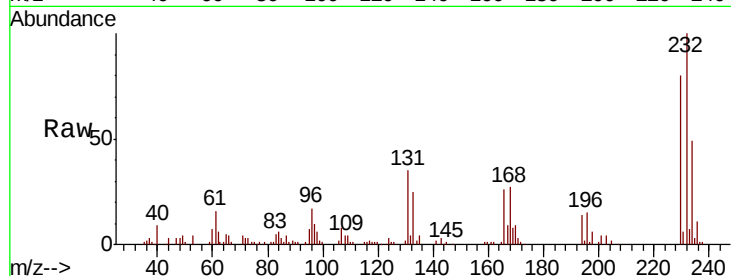
#59
2,3,4,6-Tetrachlorophenol
Concen: 32.101 ng
RT: 15.30 min Scan# 2079
Delta R.T. 0.00 min
Lab File: BG041602.D
Acq: 3 Jul 2019 22:56

Instrument :
BNA_G
ClientSampleId :
FK-PS-01-051MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	36.1	29.8	44.6
130	2.7	2.0	3.0
166	25.8	20.2	30.2

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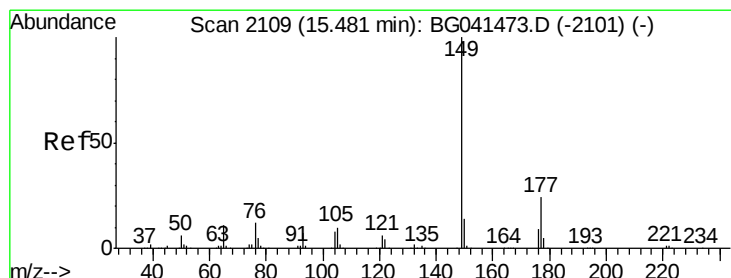
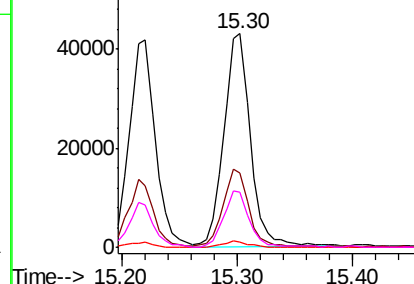
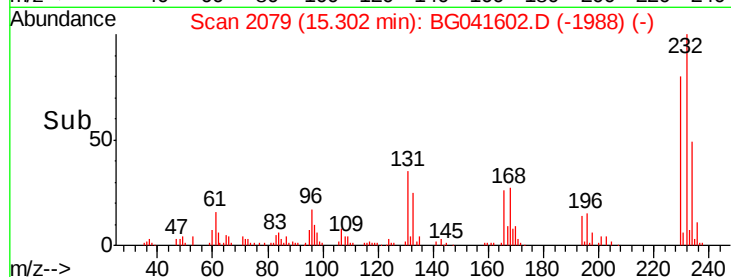
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

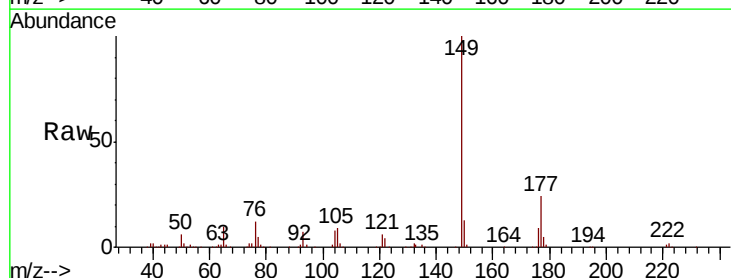
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 26.742 ng
RT: 15.48 min Scan# 2109
Delta R.T. -0.00 min
Lab File: BG041602.D
Acq: 3 Jul 2019 22:56

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.1	19.2	28.8
150	13.0	11.2	16.8

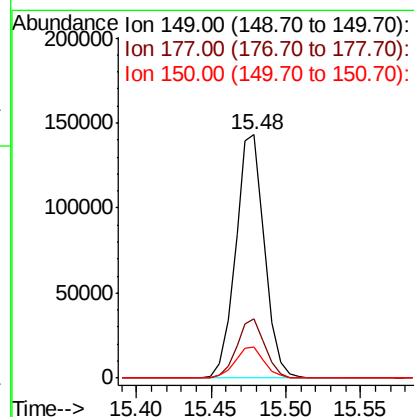
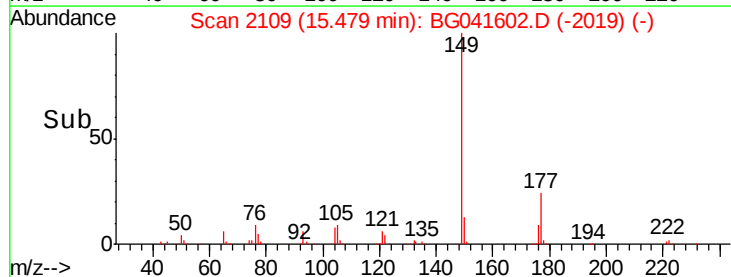


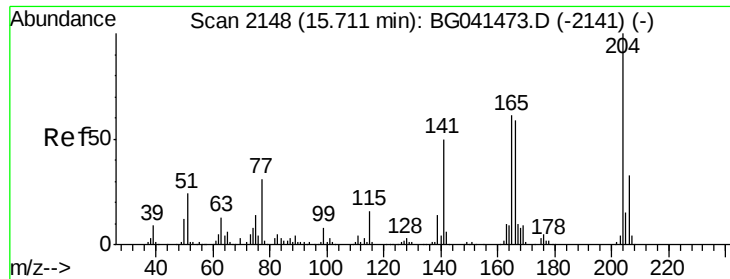
Abundance

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





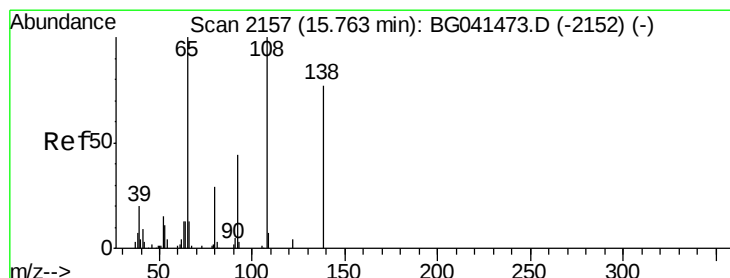
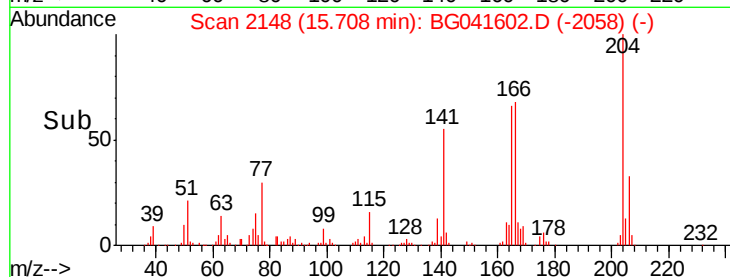
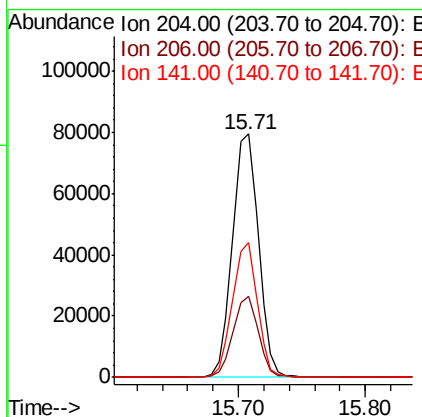
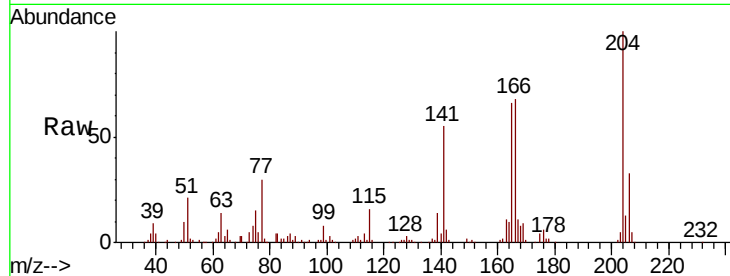
#61
4-Chlorophenyl-phenylether
Concen: 27.198 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.00 min
Lab File: BG041602.D
Acq: 3 Jul 2019 22:56

Instrument :
BNA_G
ClientSampleId :
FK-PS-01-051MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.6	40.0
141	55.4	40.1	60.1

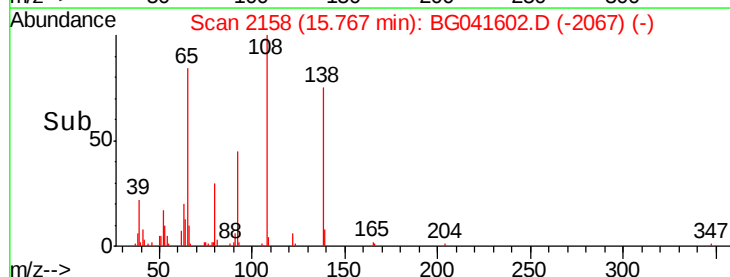
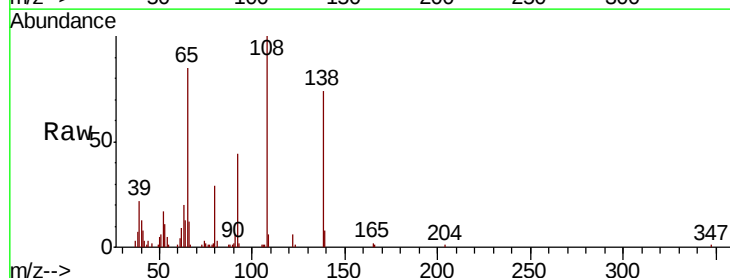
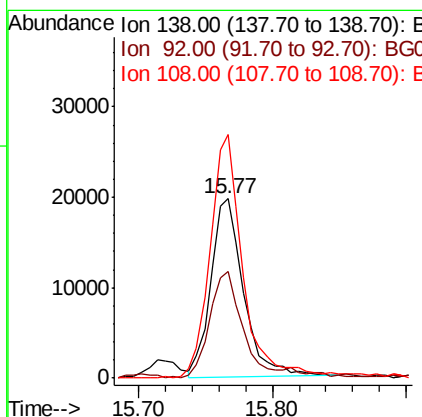
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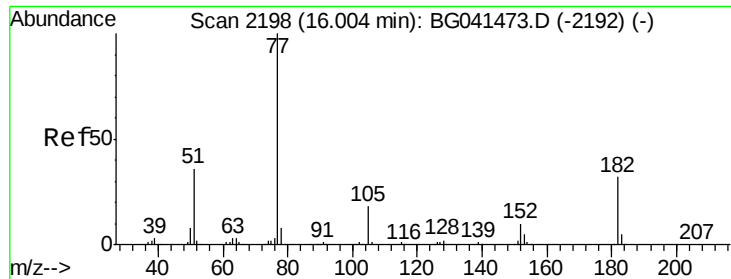
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#62
4-Nitroaniline
Concen: 24.396 ng
RT: 15.77 min Scan# 2158
Delta R.T. 0.00 min
Lab File: BG041602.D
Acq: 3 Jul 2019 22:56

Tgt Ion	Ratio	Lower	Upper
138	100		
92	59.4	34.9	74.9
108	135.8	105.5	145.5





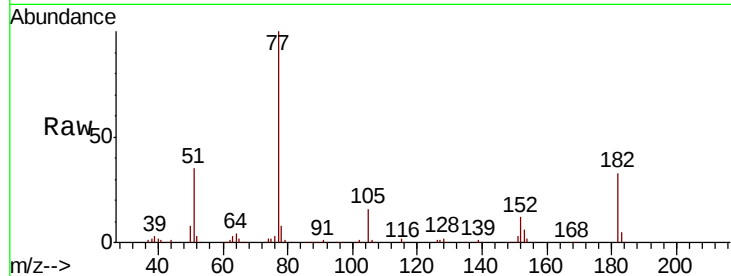
#63
Azobenzene
Concen: 27.544 ng
RT: 16.00 min Scan# 2198
Delta R.T. -0.00 min
Lab File: BG041602.D
Acq: 3 Jul 2019 22:56

Instrument :
BNA_G
ClientSampleId :
FK-PS-01-051MSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	32.7	12.2	52.2	
105	16.4	0.0	38.1	
51	35.2	15.9	55.9	

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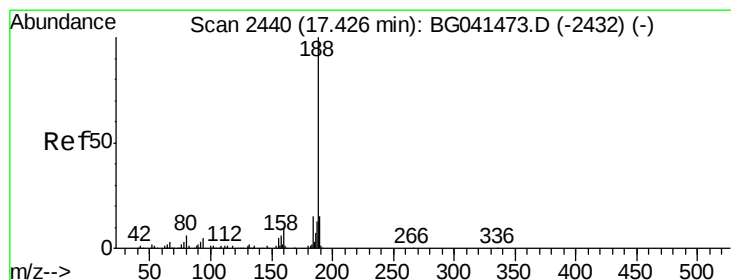
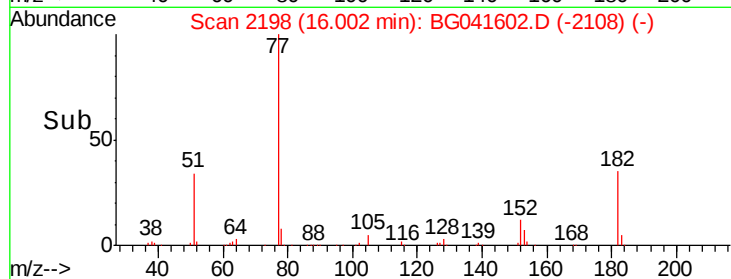
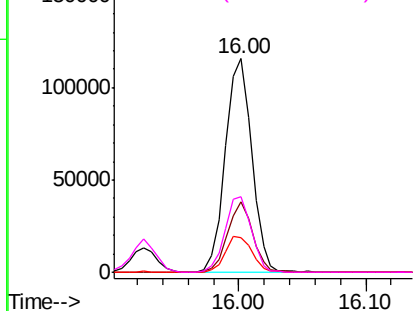
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG041602.D
Acq: 3 Jul 2019 22:56

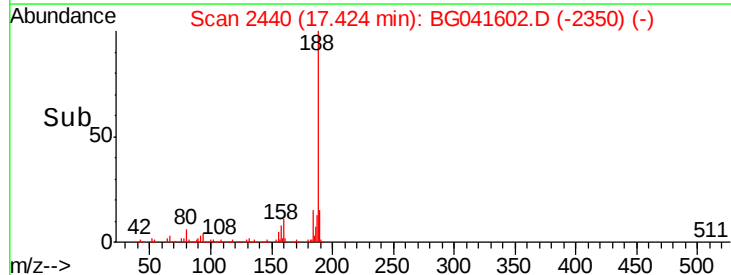
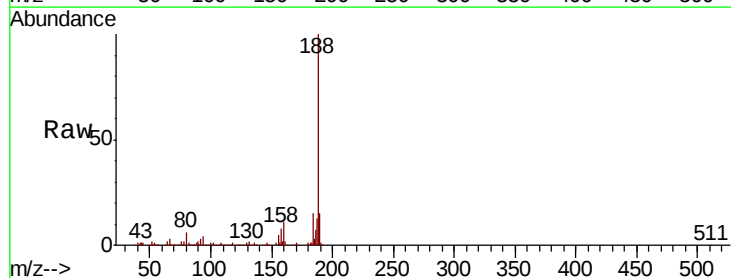
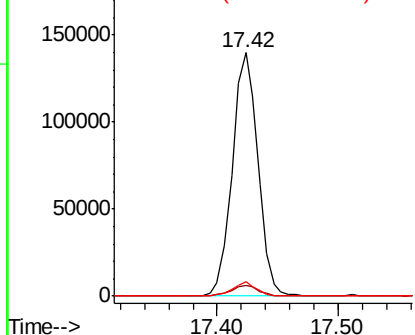
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	4.3	3.8	5.8	
80	5.8	4.8	7.2	

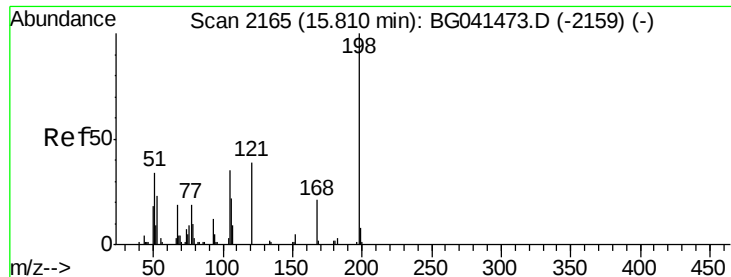
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 25.220 ng

RT: 15.81 min Scan# 2166

Delta R.T. 0.00 min

Lab File: BG041602.D

Acq: 3 Jul 2019 22:56

Instrument :

BNA_G

ClientSampleId :

FK-PS-01-051MSD

Tot Ion:198 Resp: 32365

Ion Ratio Lower Upper

198 100

51 36.2 19.0 59.0

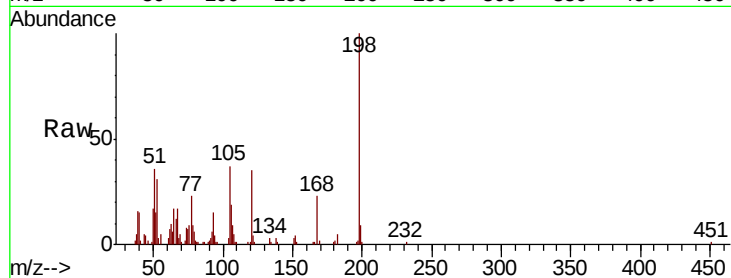
105 37.3 16.1 56.1

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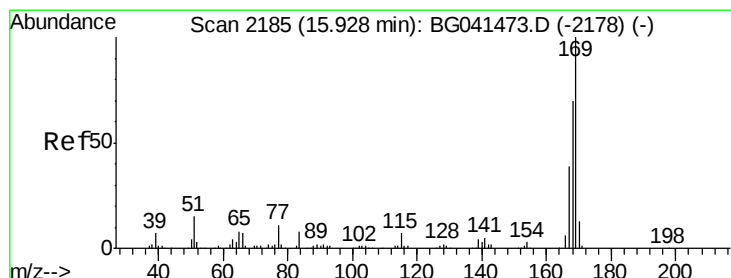
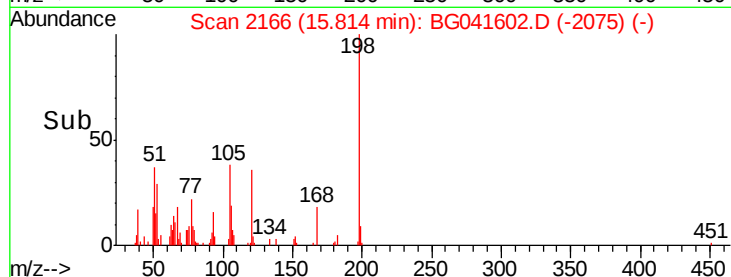
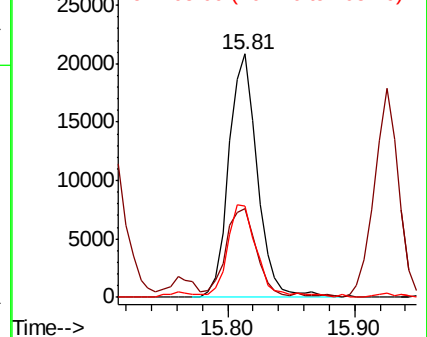
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 29.247 ng

RT: 15.93 min Scan# 2185

Delta R.T. -0.00 min

Lab File: BG041602.D

Acq: 3 Jul 2019 22:56

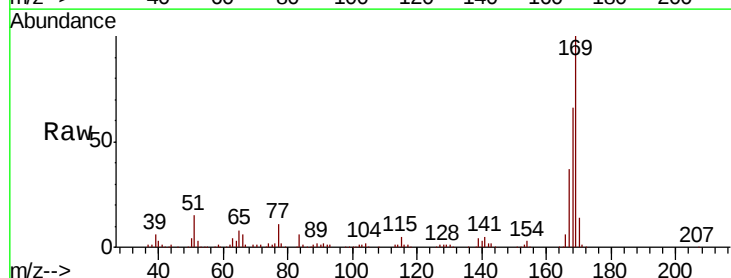
Tgt Ion:169 Resp: 166786

Ion Ratio Lower Upper

169 100

168 66.1 56.2 84.4

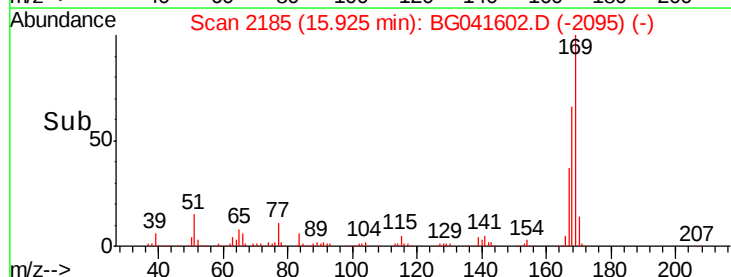
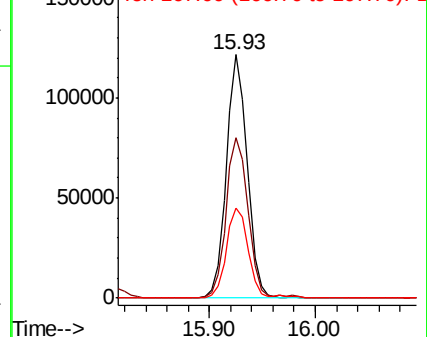
167 37.1 31.0 46.6

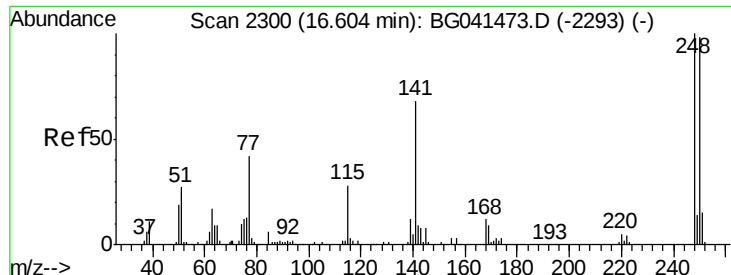


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





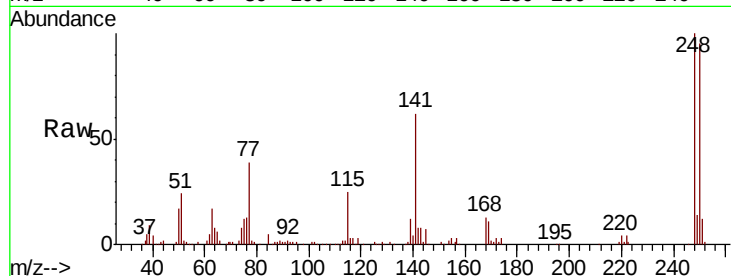
#67
4-Bromophenyl-phenylether
Concen: 27.199 ng
RT: 16.60 min Scan# 2300
Delta R.T. -0.00 min
Lab File: BG041602.D
Acq: 3 Jul 2019 22:56

Instrument :
BNA_G
ClientSampleId :
FK-PS-01-051MSD

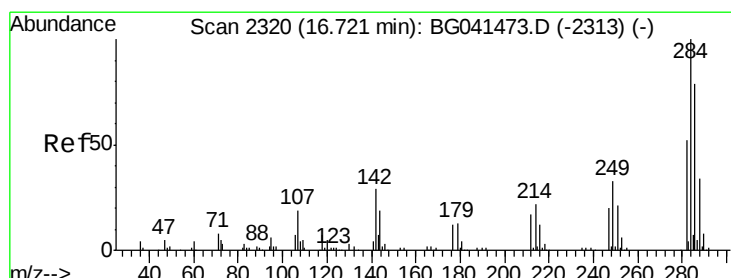
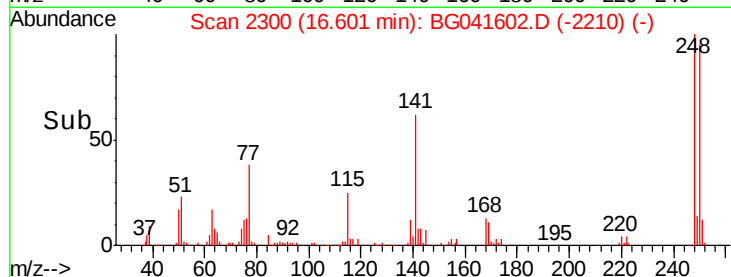
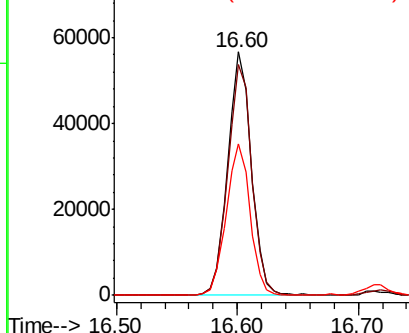
Tot Ion	Ratio	Lower	Upper
248	100		
250	94.7	78.1	117.1
141	62.0	54.1	81.1

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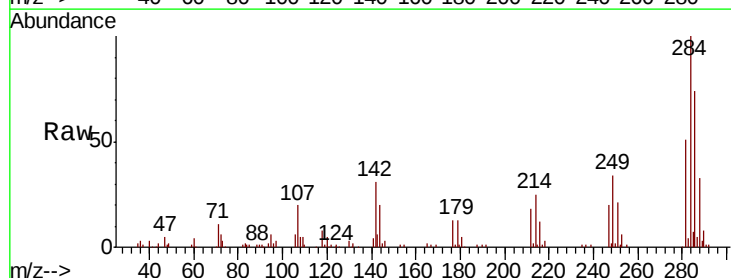


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

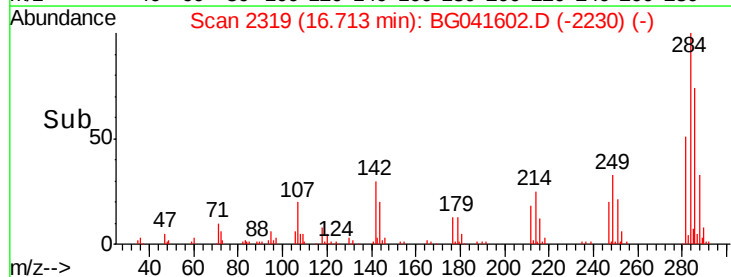
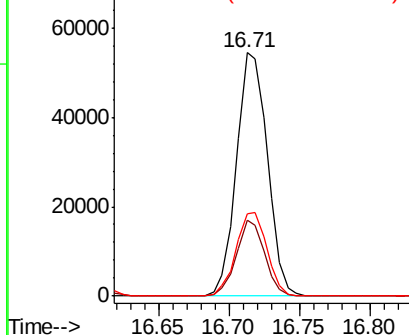


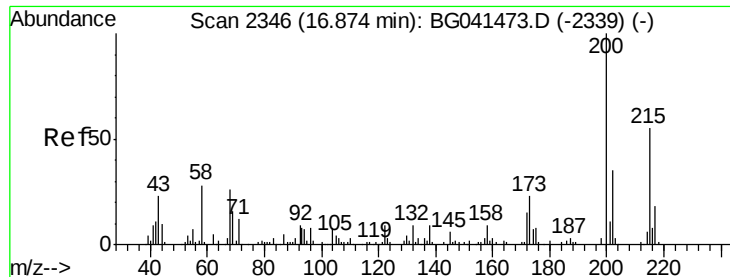
#68
Hexachlorobenzene
Concen: 27.328 ng
RT: 16.71 min Scan# 2319
Delta R.T. -0.01 min
Lab File: BG041602.D
Acq: 3 Jul 2019 22:56

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.1	22.9	34.3
249	33.7	26.1	39.1



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





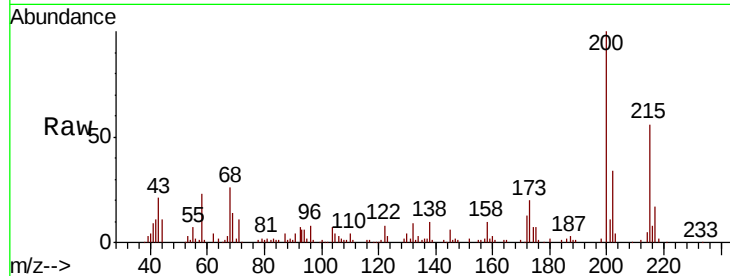
#69
Atrazine
Concen: 30.617 ng
RT: 16.87 min Scan# 2346
Delta R.T. -0.00 min
Lab File: BG041602.D
Acq: 3 Jul 2019 22:56

Instrument :
BNA_G
ClientSampleId :
FK-PS-01-051MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	19.9	3.1	43.1
215	56.1	34.7	74.7

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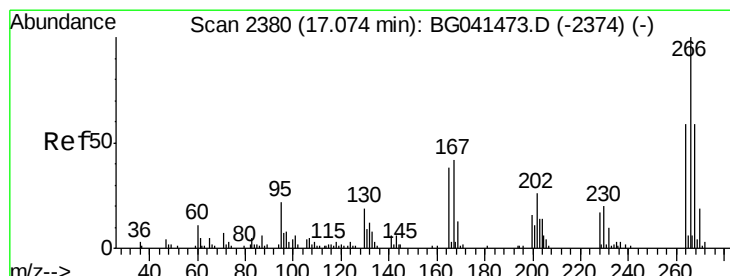
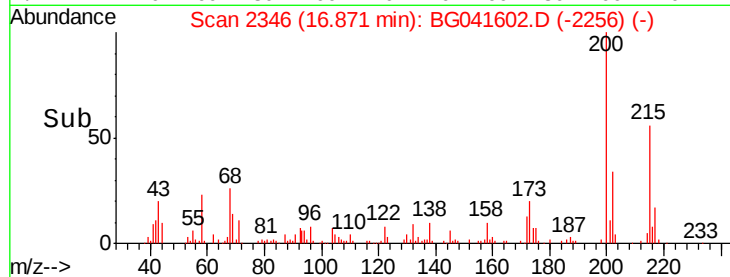
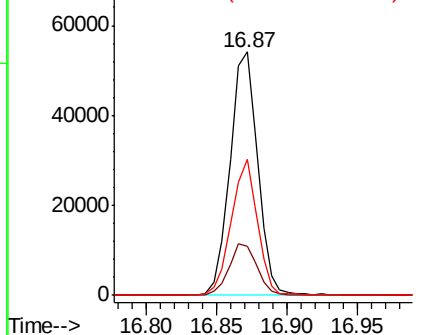


Abundance

Ion 200.00 (199.70 to 200.70): E

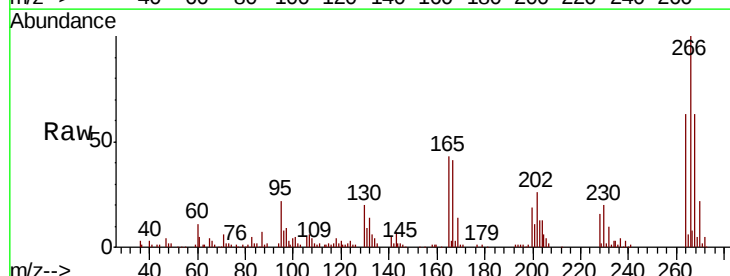
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 67.815 ng
RT: 17.07 min Scan# 2380
Delta R.T. -0.00 min
Lab File: BG041602.D
Acq: 3 Jul 2019 22:56

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.1	47.0	70.4
264	62.6	47.4	71.0

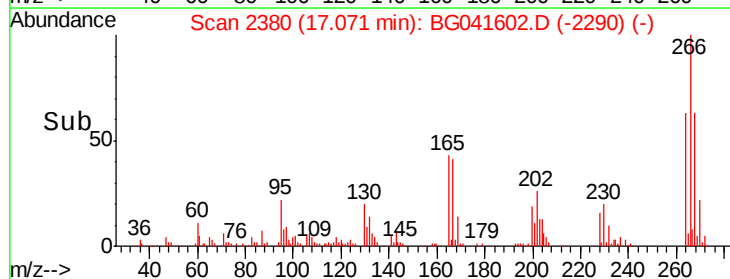
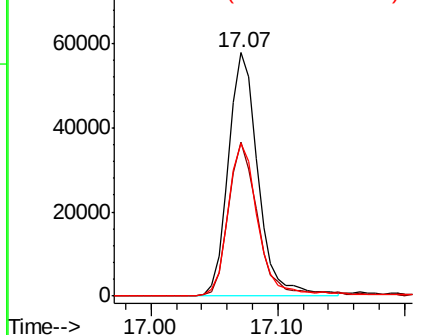


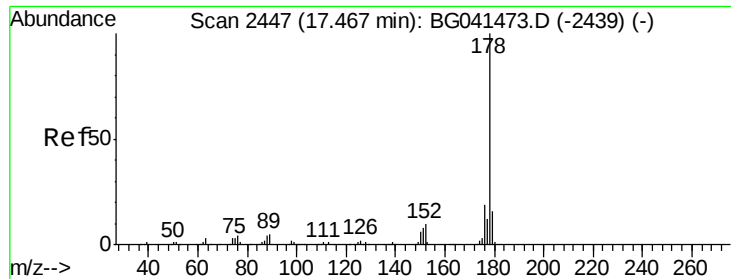
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





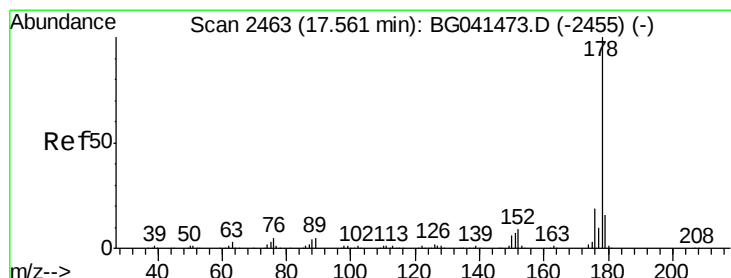
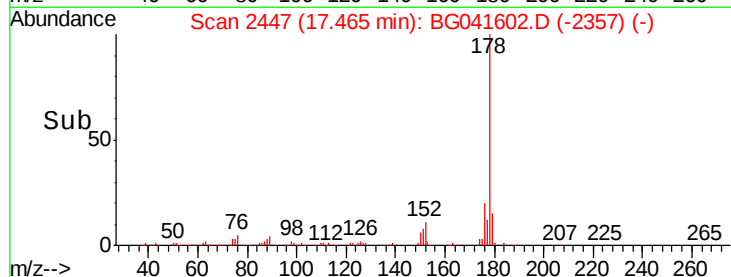
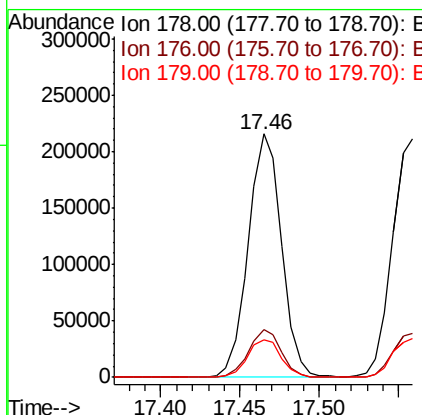
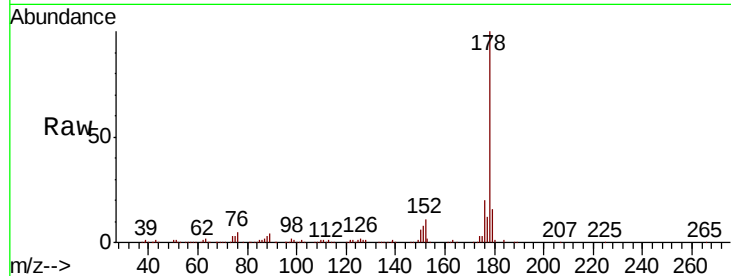
#71
Phenanthrene
Concen: 27.466 ng
RT: 17.46 min Scan# 2447
Delta R.T. -0.00 min
Lab File: BG041602.D
Acq: 3 Jul 2019 22:56

Instrument :
BNA_G
ClientSampleId :
FK-PS-01-051MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.0
179	15.7	13.0	19.4

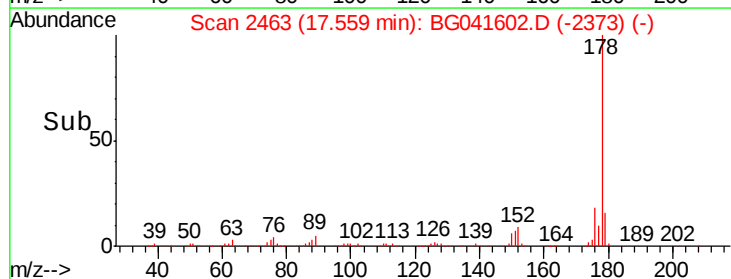
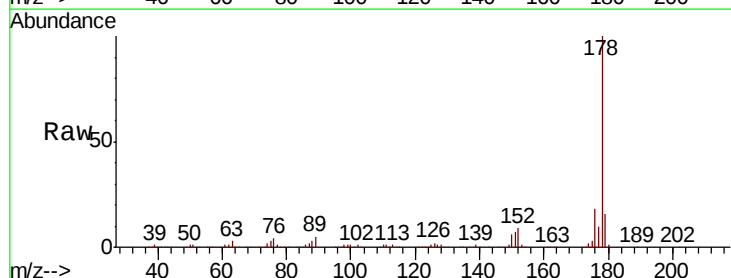
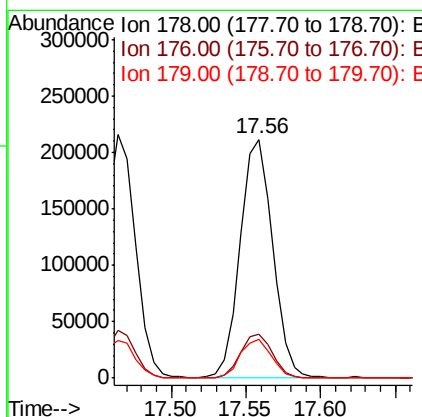
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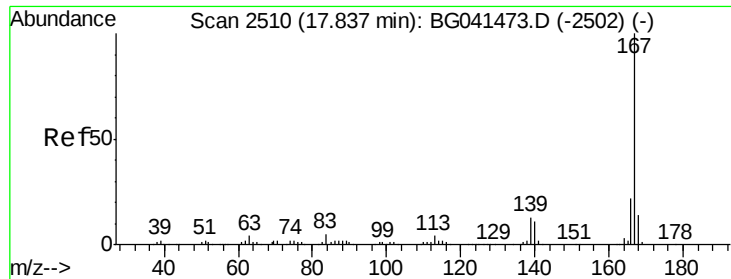
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#72
Anthracene
Concen: 27.880 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.00 min
Lab File: BG041602.D
Acq: 3 Jul 2019 22:56

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.8	22.2
179	16.2	12.8	19.2





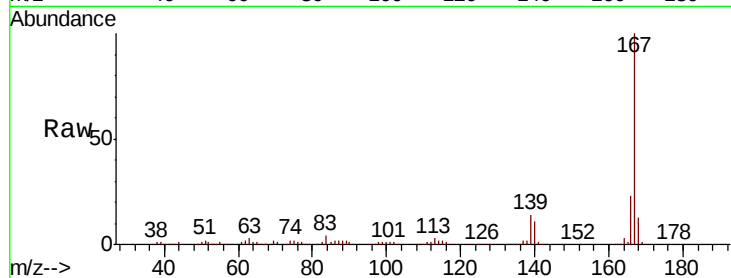
#73
 Carbazole
 Concen: 29.286 ng
 RT: 17.83 min Scan# 2510
 Delta R.T. -0.00 min
 Lab File: BG041602.D
 Acq: 3 Jul 2019 22:56

Instrument :
 BNA_G
 ClientSampleId :
 FK-PS-01-051MSD

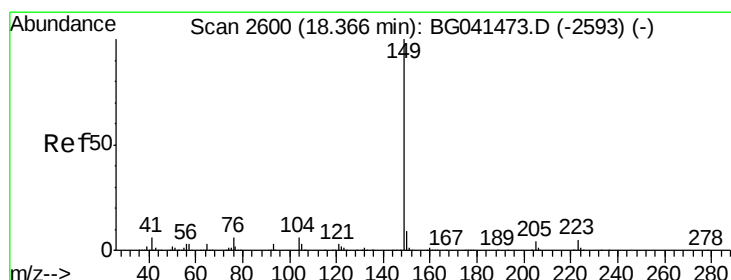
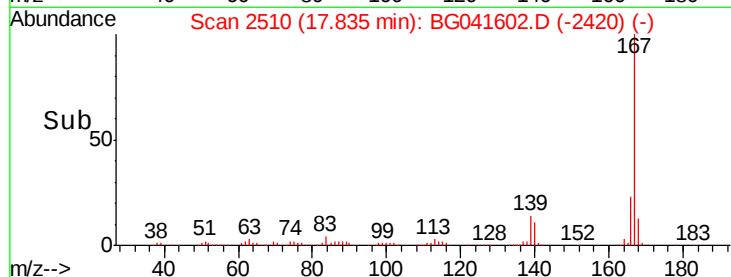
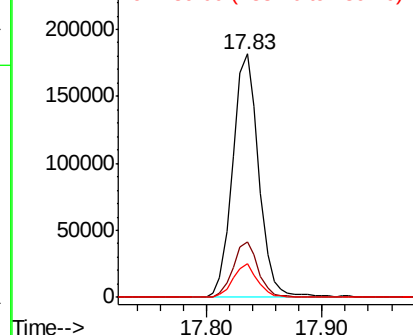
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.8	26.6
139	13.8	10.8	16.2

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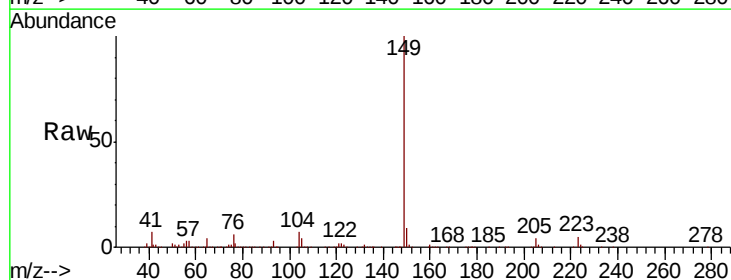


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

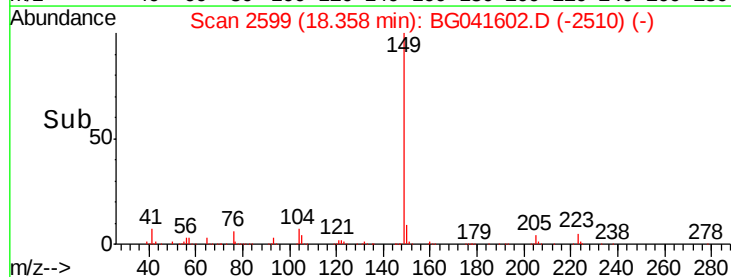
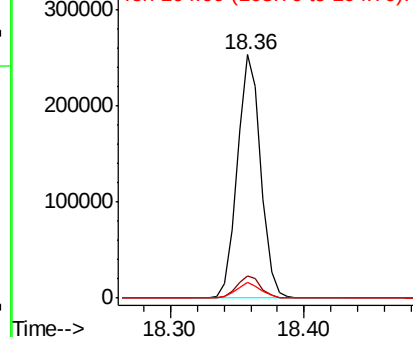


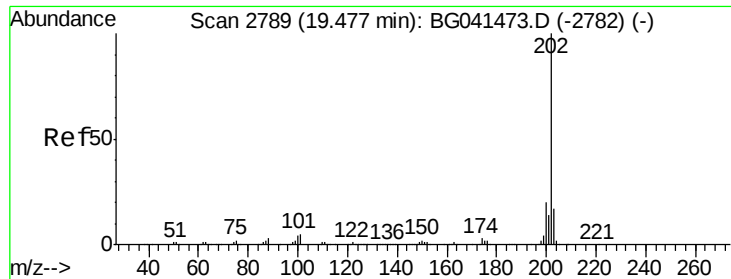
#74
 Di-n-butylphthalate
 Concen: 25.308 ng
 RT: 18.36 min Scan# 2599
 Delta R.T. -0.01 min
 Lab File: BG041602.D
 Acq: 3 Jul 2019 22:56

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.5	11.3
104	6.5	5.0	7.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 27.239 ng

RT: 19.47 min Scan# 2789

Delta R.T. -0.00 min

Lab File: BG041602.D

Acq: 3 Jul 2019 22:56

Instrument :

BNA_G

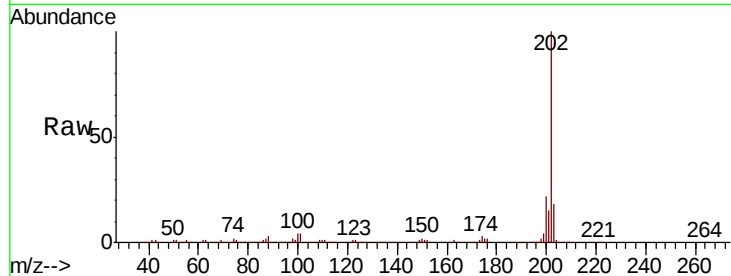
ClientSampleId :

FK-PS-01-051MSD

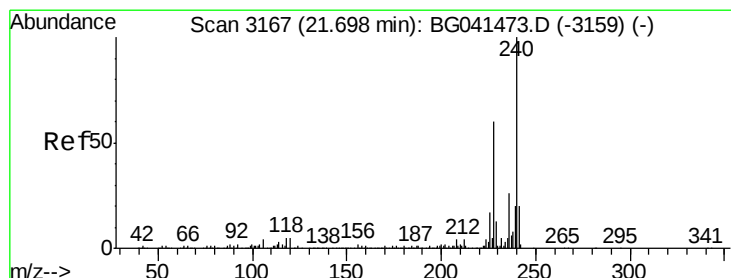
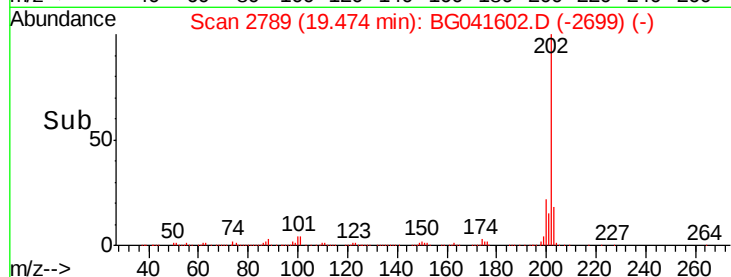
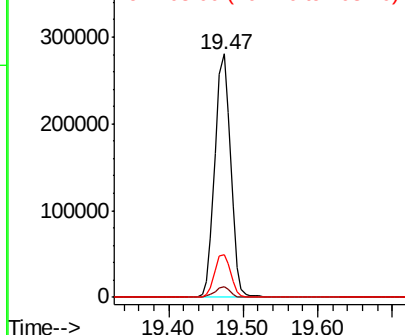
Tot Ion:	202	Resp:	414597
Ion Ratio	Lower	Upper	
202	100		
101	4.3	0.0	24.9
203	17.7	0.0	37.5

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



#76

Chrysene-d12

Concen: 20.000 ng

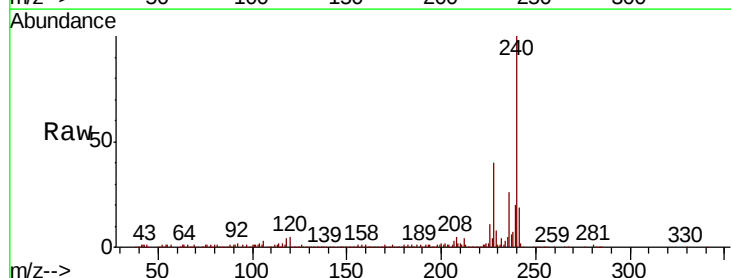
RT: 21.69 min Scan# 3167

Delta R.T. -0.00 min

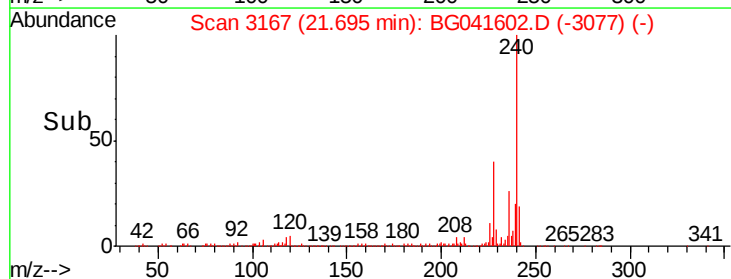
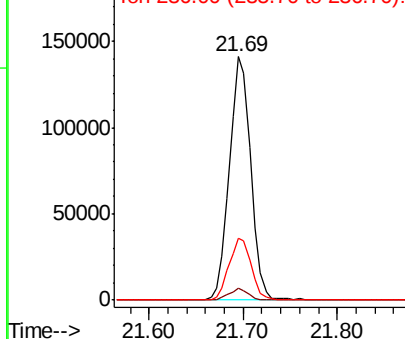
Lab File: BG041602.D

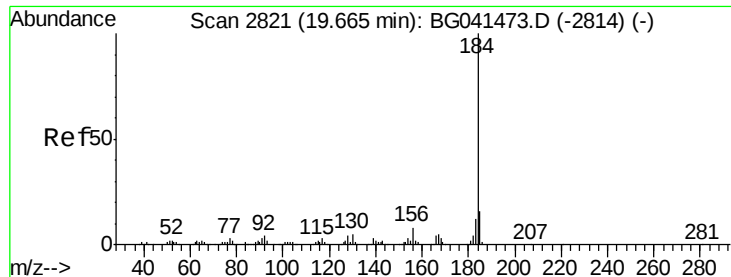
Acq: 3 Jul 2019 22:56

Tgt Ion:	240	Resp:	222746
Ion Ratio	Lower	Upper	
240	100		
120	4.7	3.7	5.5
236	25.7	20.8	31.2



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





#77

Benzidine

Concen: 5.184 ng

RT: 19.67 min Scan# 2822

Delta R.T. 0.00 min

Lab File: BG041602.D

Acq: 3 Jul 2019 22:56

Instrument :

BNA_G

ClientSampleId :

FK-PS-01-051MSD

Tot Ion:184 Resp: 25623

Ion Ratio Lower Upper

184 100

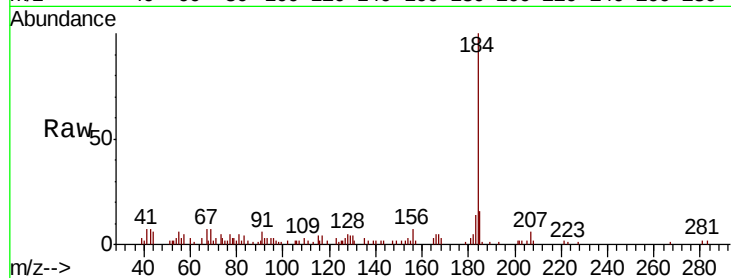
185 15.7 12.7 19.1

183 13.8 9.4 14.2

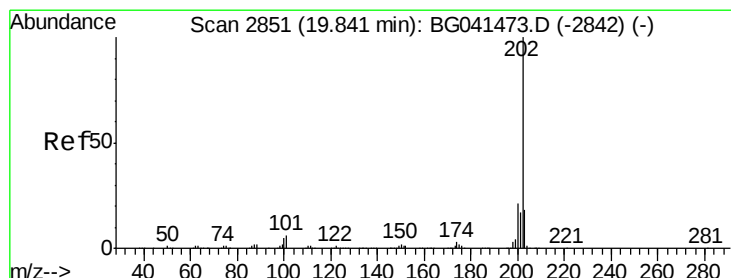
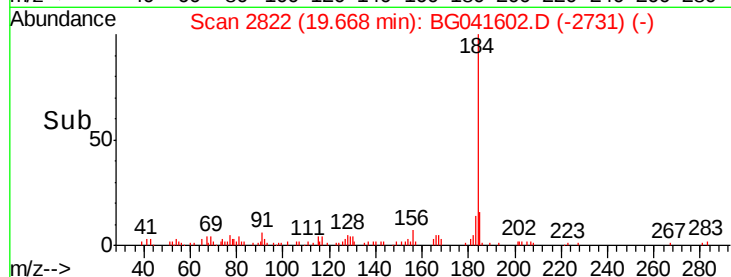
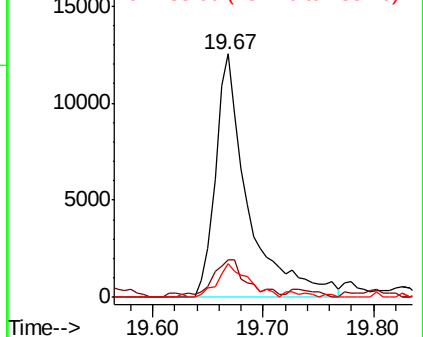
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 27.246 ng

RT: 19.84 min Scan# 2851

Delta R.T. -0.00 min

Lab File: BG041602.D

Acq: 3 Jul 2019 22:56

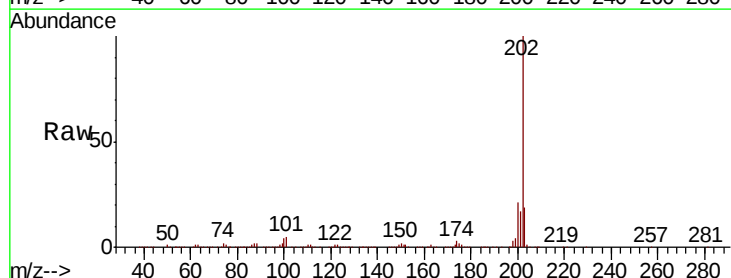
Tgt Ion:202 Resp: 414309

Ion Ratio Lower Upper

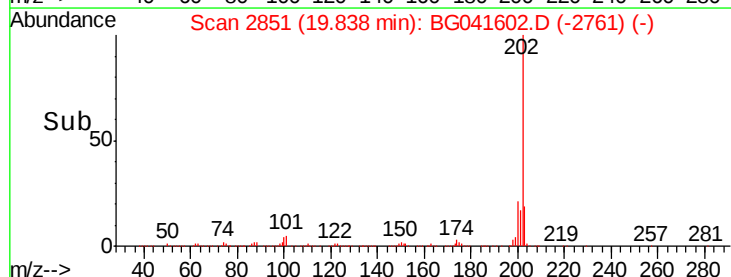
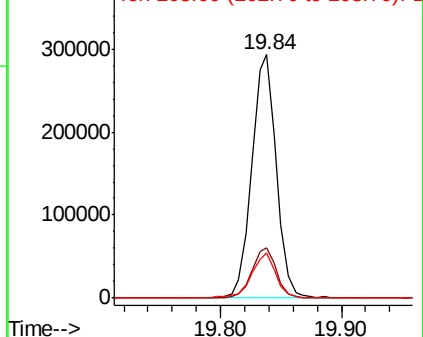
202 100

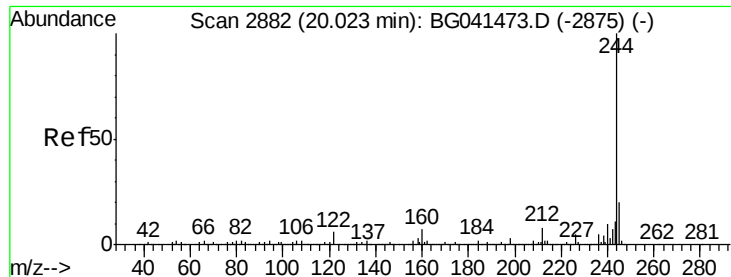
200 20.8 16.8 25.2

203 18.8 14.2 21.4



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





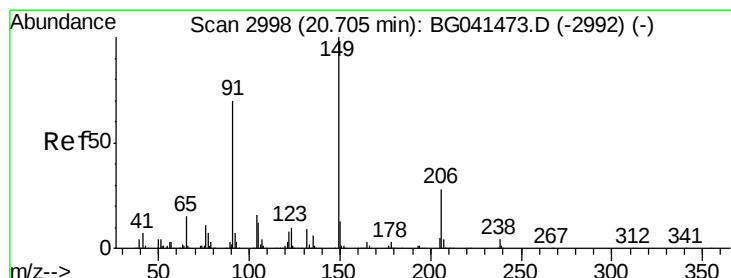
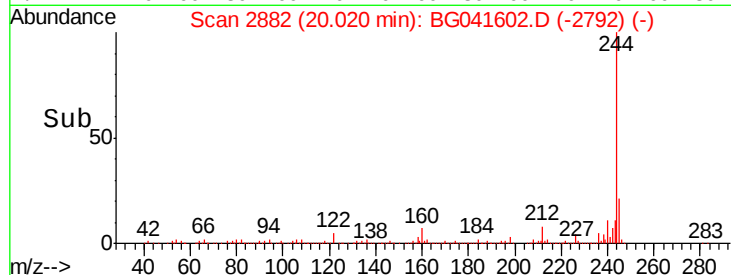
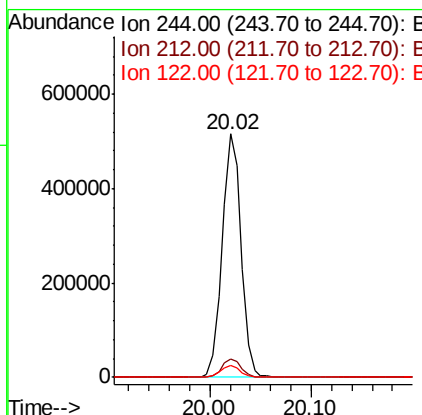
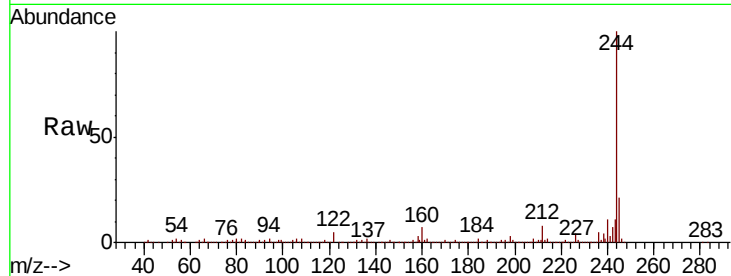
#79
 Terphenyl-d14
 Concen: 63.513 ng
 RT: 20.02 min Scan# 2882
 Delta R.T. -0.00 min
 Lab File: BG041602.D
 Acq: 3 Jul 2019 22:56

Instrument :
 BNA_G
 ClientSampleId :
 FK-PS-01-051MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.4
122	5.0	4.8	7.2

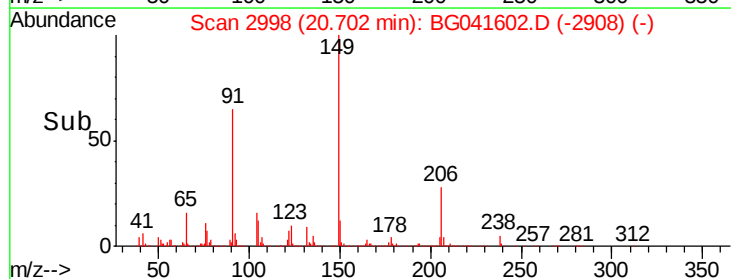
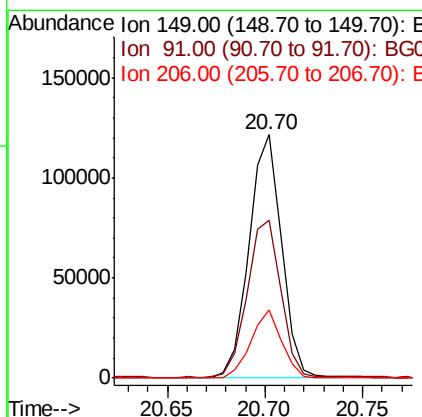
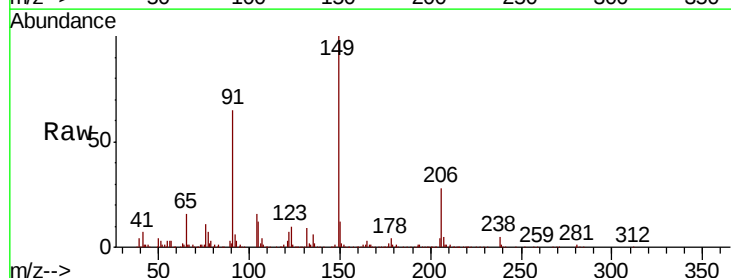
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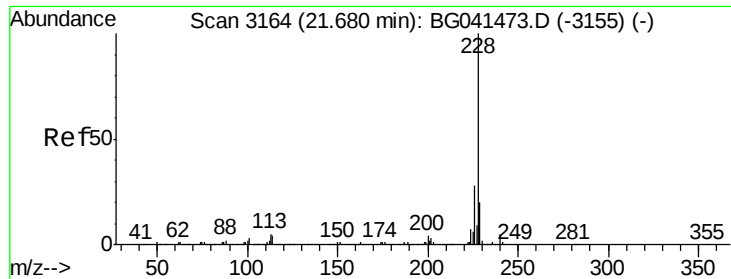
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#80
 Butylbenzylphthalate
 Concen: 24.620 ng
 RT: 20.70 min Scan# 2998
 Delta R.T. -0.00 min
 Lab File: BG041602.D
 Acq: 3 Jul 2019 22:56

Tgt Ion	Ratio	Lower	Upper
149	100		
91	64.9	55.9	83.9
206	28.2	22.1	33.1





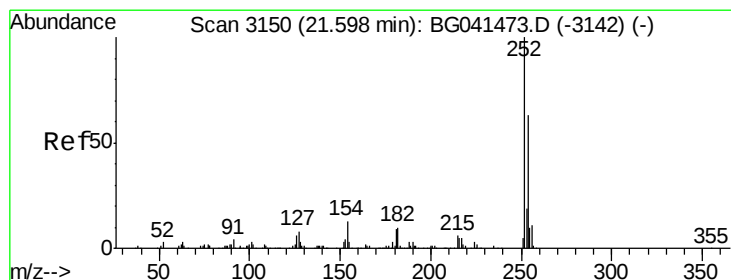
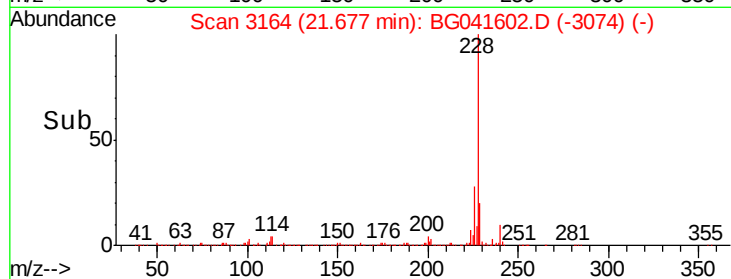
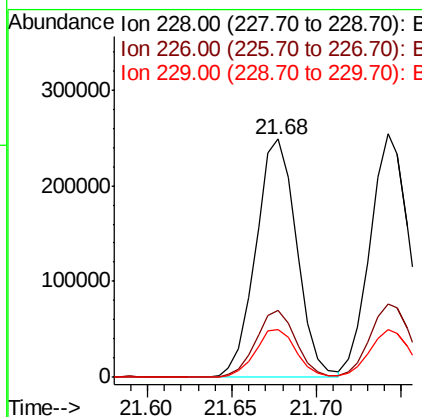
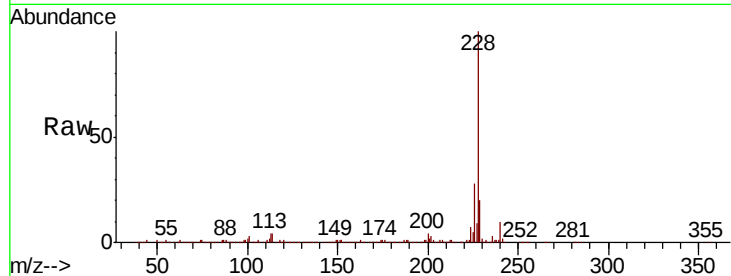
#81
Benzo(a)anthracene
Concen: 27.043 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.00 min
Lab File: BG041602.D
Acq: 3 Jul 2019 22:56

Instrument :
BNA_G
ClientSampleId :
FK-PS-01-051MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	20.3	16.1	24.1

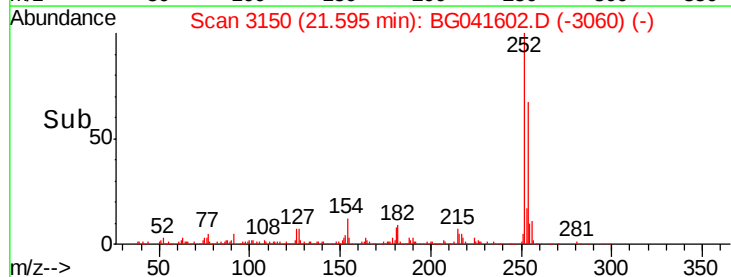
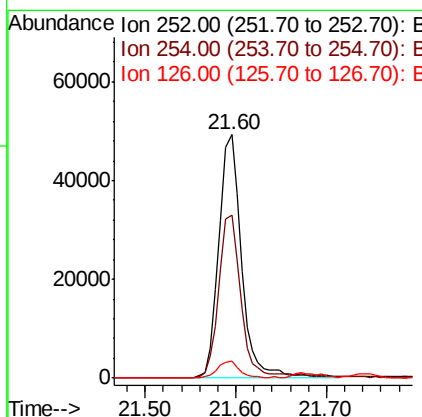
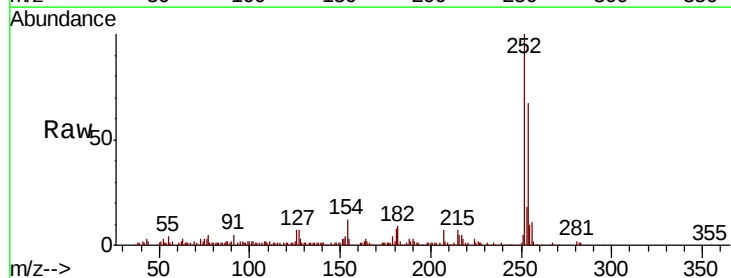
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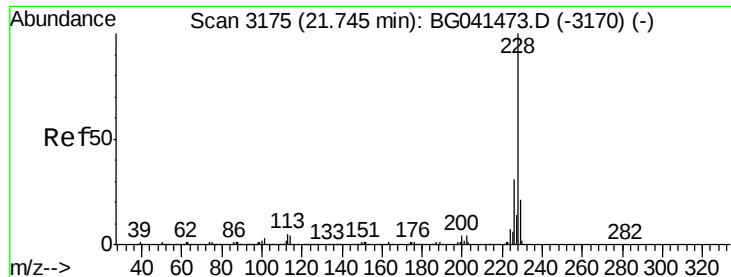
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#82
3,3'-Dichlorobenzidine
Concen: 16.147 ng
RT: 21.60 min Scan# 3150
Delta R.T. -0.00 min
Lab File: BG041602.D
Acq: 3 Jul 2019 22:56

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.7	50.4	75.6
126	6.8	4.9	7.3





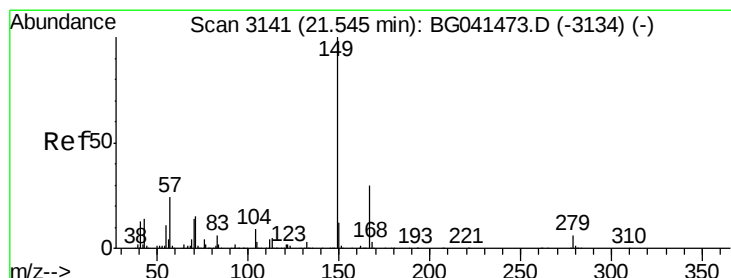
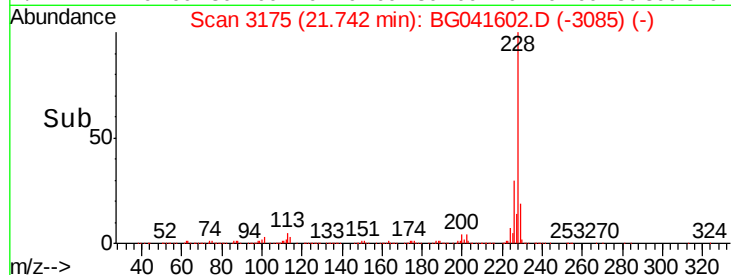
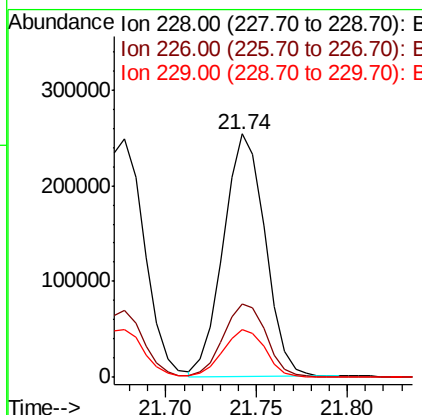
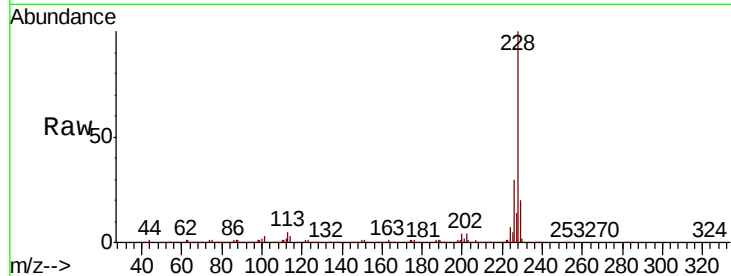
#83
 Chrysene
 Concen: 27.043 ng
 RT: 21.74 min Scan# 3175
 Delta R.T. -0.00 min
 Lab File: BG041602.D
 Acq: 3 Jul 2019 22:56

Instrument :
 BNA_G
 ClientSampleId :
 FK-PS-01-051MSD

Tot Ion:	228	Resp:	405366
Ion Ratio	Lower	Upper	
228	100		
226	29.9	25.0	37.4
229	19.5	16.8	25.2

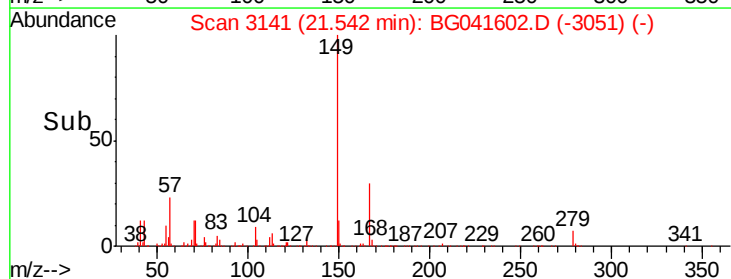
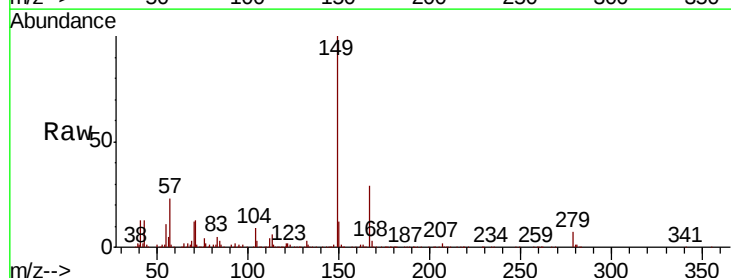
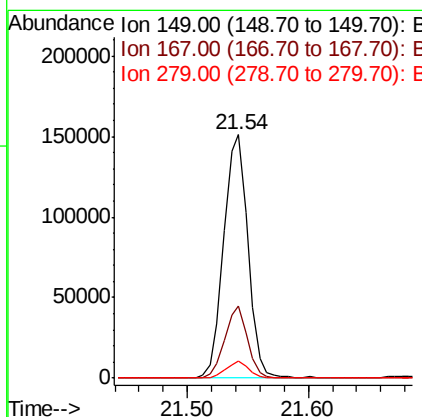
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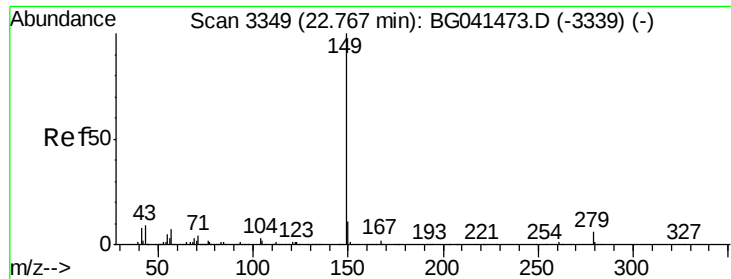
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 25.897 ng
 RT: 21.54 min Scan# 3141
 Delta R.T. -0.00 min
 Lab File: BG041602.D
 Acq: 3 Jul 2019 22:56

Tgt Ion:	149	Resp:	208499
Ion Ratio	Lower	Upper	
149	100		
167	29.5	23.6	35.4
279	7.1	5.0	7.6





#85

Di-n-octyl phthalate

Concen: 26.131 ng

RT: 22.76 min Scan# 3348

Delta R.T. -0.01 min

Lab File: BG041602.D

Acq: 3 Jul 2019 22:56

Instrument :

BNA_G

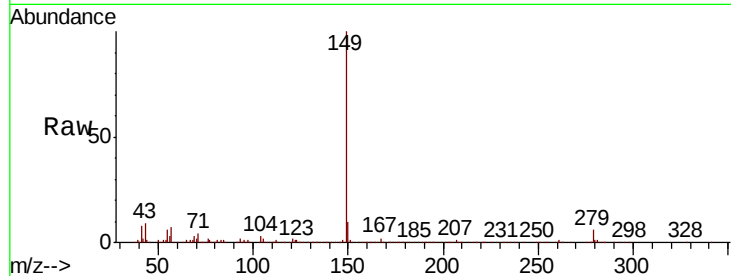
ClientSampleId :

FK-PS-01-051MSD

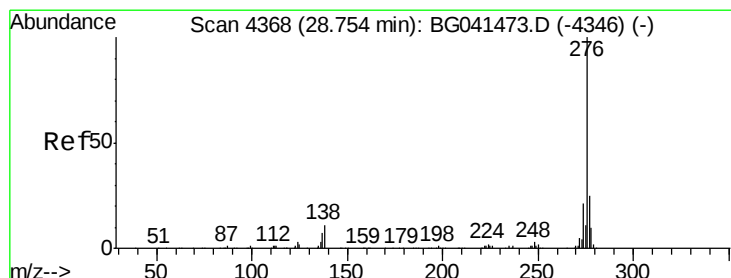
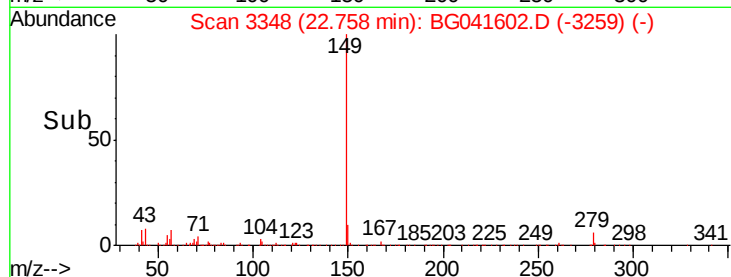
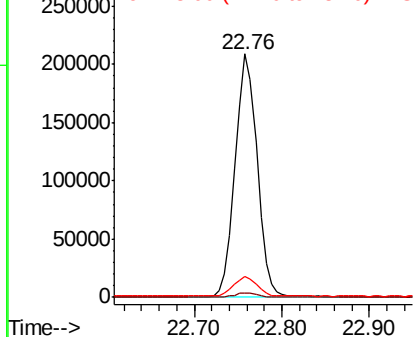
Tot Ion:	149	Resp:	356018
Ion Ratio	Lower	Upper	
149	100		
167	1.9	1.4	2.2
43	8.6	7.2	10.8

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 27.127 ng

RT: 28.75 min Scan# 4368

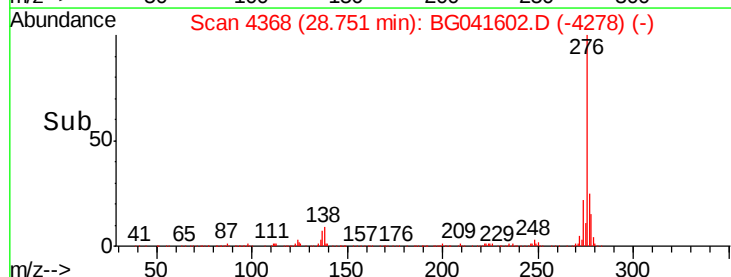
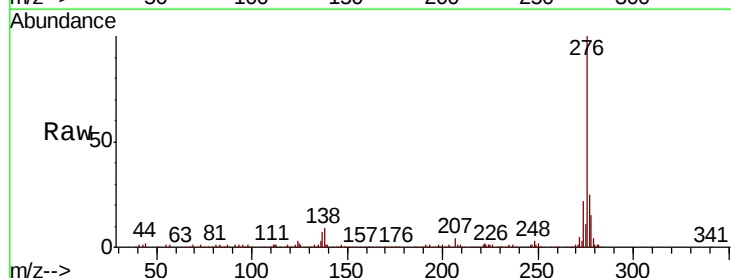
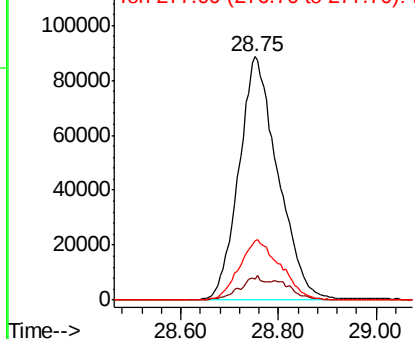
Delta R.T. -0.00 min

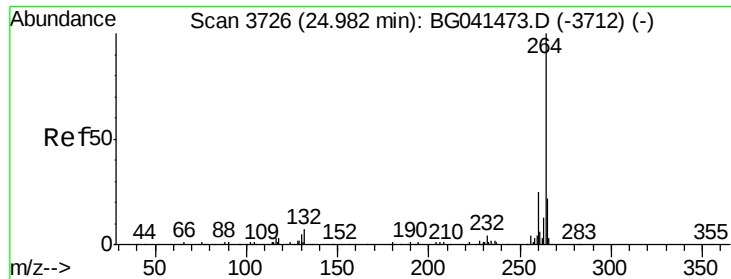
Lab File: BG041602.D

Acq: 3 Jul 2019 22:56

Tgt Ion:	276	Resp:	492381
Ion Ratio	Lower	Upper	
276	100		
138	6.1	4.9	7.3
277	26.5	20.4	30.6

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





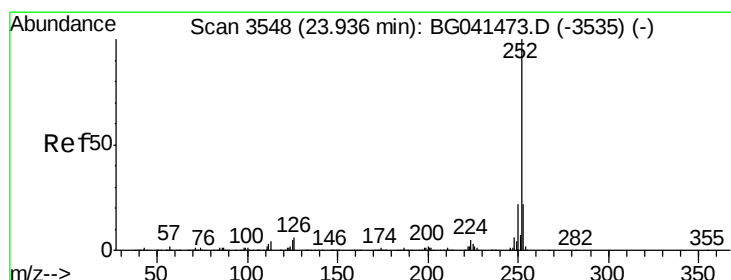
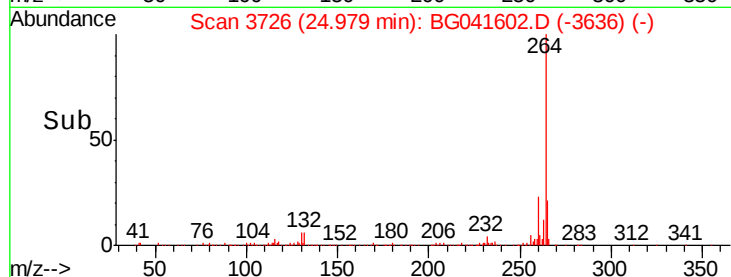
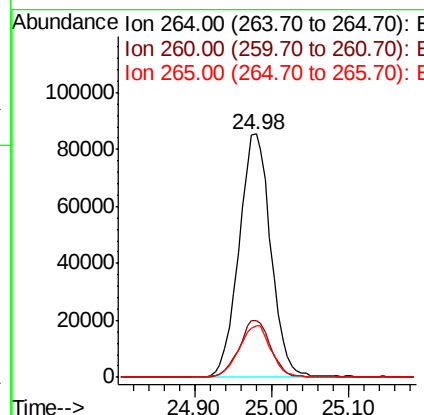
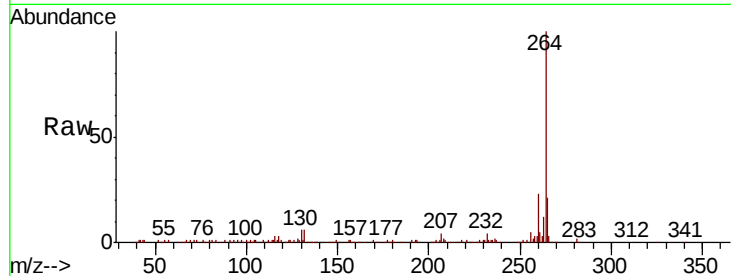
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.98 min Scan# 3726
Delta R.T. -0.00 min
Lab File: BG041602.D
Acq: 3 Jul 2019 22:56

Instrument :
BNA_G
ClientSampleId :
FK-PS-01-051MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.7	29.5
265	21.0	17.4	26.2

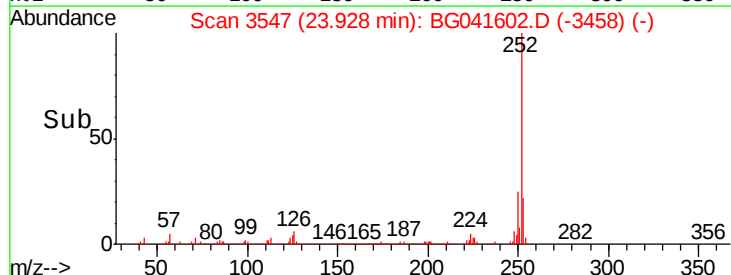
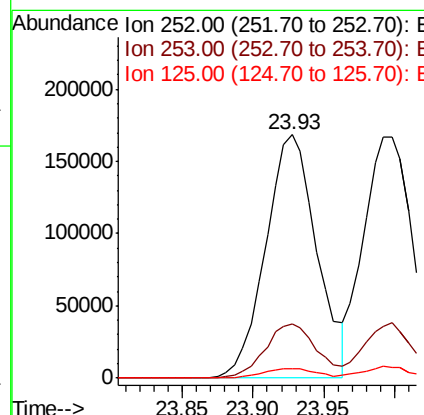
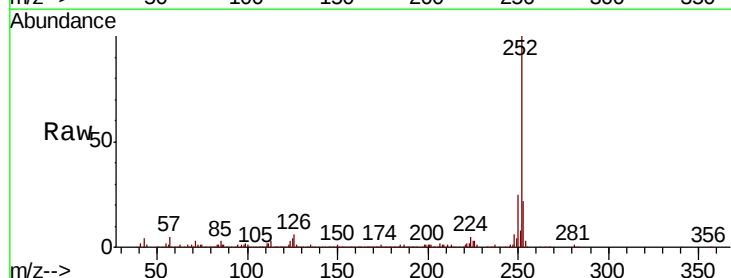
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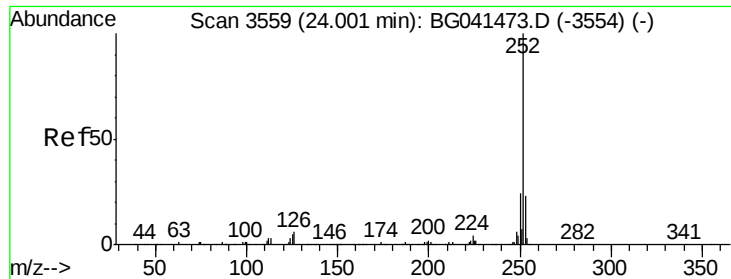
mohammad
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#88
Benzo(b)fluoranthene
Concen: 26.961 ng
RT: 23.93 min Scan# 3547
Delta R.T. -0.01 min
Lab File: BG041602.D
Acq: 3 Jul 2019 22:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	4.1	3.8	5.8





#89

Benzo(k)fluoranthene

Concen: 26.006 ng

RT: 24.00 min Scan# 3559

Delta R.T. -0.00 min

Lab File: BG041602.D

Acq: 3 Jul 2019 22:56

Instrument :

BNA_G

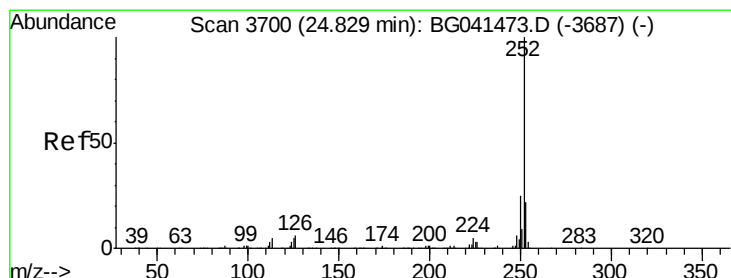
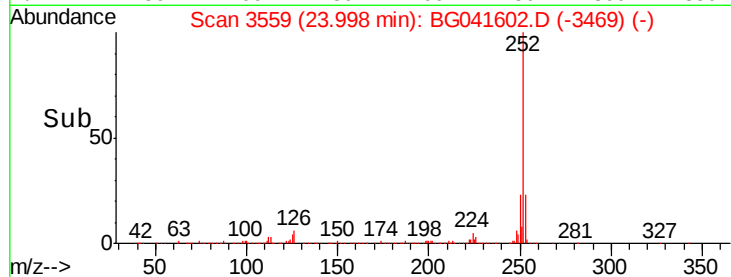
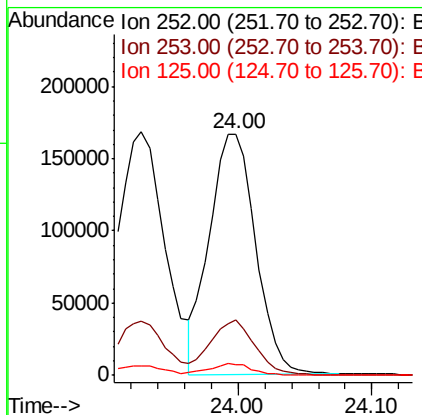
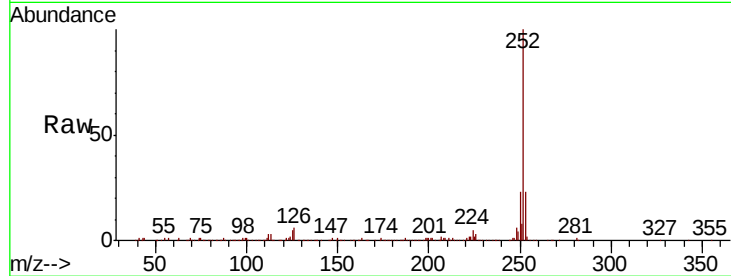
ClientSampleId :

FK-PS-01-051MSD

Tot Ion:	252	Resp:	402913
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.3	27.5
125	4.5	4.0	6.0

Manual Integrations
APPROVED

mohammad
7/8/2019 2:11:39 PM



#90

Benzo(a)pyrene

Concen: 27.115 ng

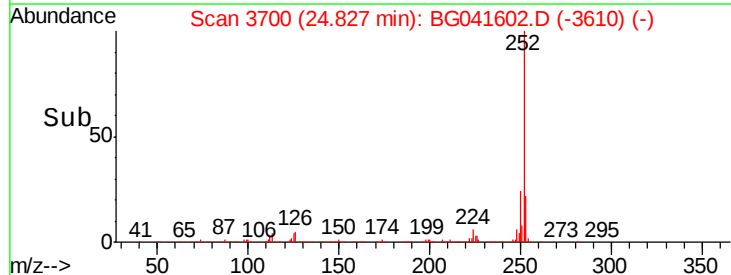
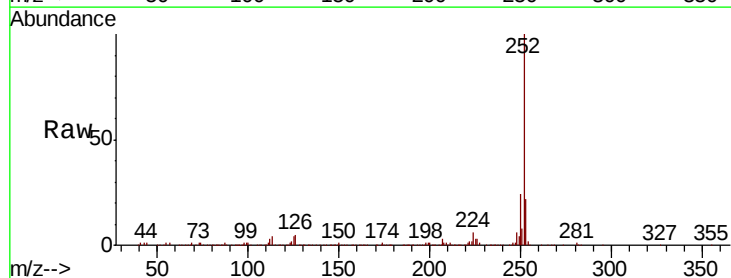
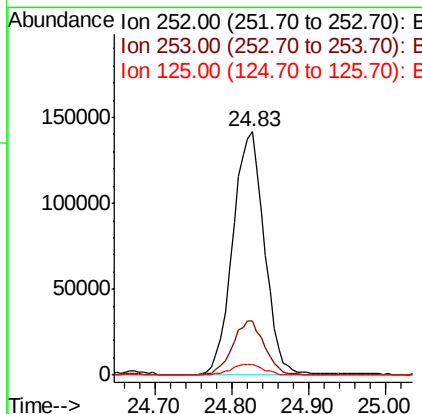
RT: 24.83 min Scan# 3700

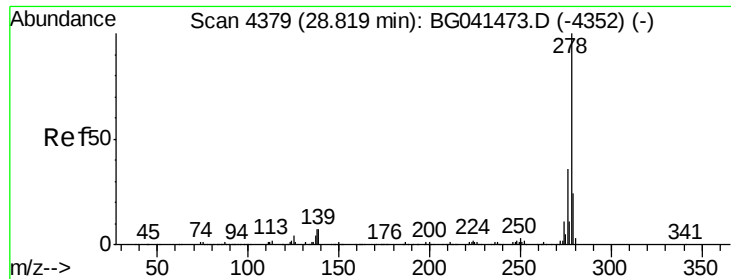
Delta R.T. -0.00 min

Lab File: BG041602.D

Acq: 3 Jul 2019 22:56

Tgt Ion:	252	Resp:	406394
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.5	26.3
125	4.3	4.4	6.6#





#91

Dibenzo(a,h)anthracene

Concen: 27.415 ng

RT: 28.81 min Scan# 4378

Delta R.T. -0.01 min

Lab File: BG041602.D

Acq: 3 Jul 2019 22:56

Instrument :

BNA_G

ClientSampleId :

FK-PS-01-051MSD

Tot Ion:278 Resp: 411638

Ion Ratio Lower Upper

278 100

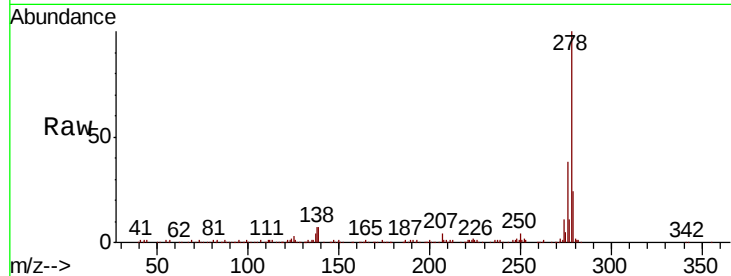
139 7.2 5.9 8.9

279 24.1 18.9 28.3

Manual Integrations
APPROVED

mohammad

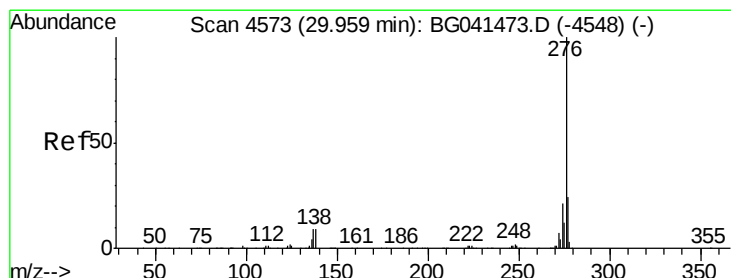
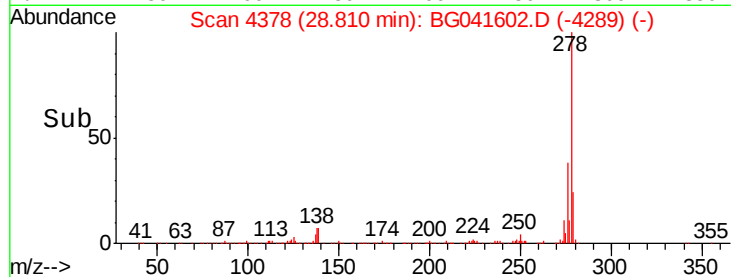
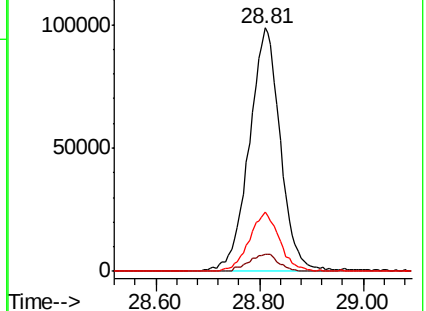
7/8/2019 2:11:39 PM



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: 27.454 ng

RT: 29.94 min Scan# 4570

Delta R.T. -0.02 min

Lab File: BG041602.D

Acq: 3 Jul 2019 22:56

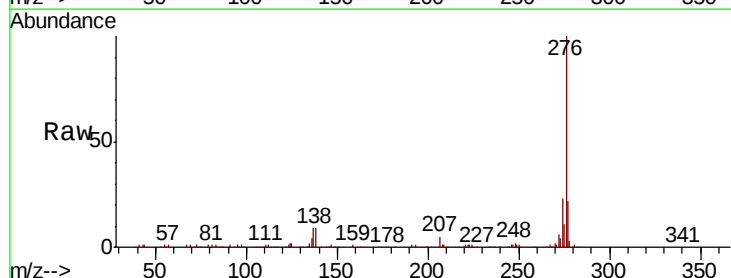
Tgt Ion:276 Resp: 409870

Ion Ratio Lower Upper

276 100

277 22.5 19.4 29.2

138 8.8 7.6 11.4



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

