

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011619\
 Data File : BG039166.D
 Acq On : 16 Jan 2019 20:54
 Operator : JU/SJ
 Sample : K1142-01MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-D9-E9-D9A-E9AMS

Manual Integrations
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 1/17/2019 2:09:14 PM

Quant Time: Jan 17 04:50:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	18618	20.00	ng	-0.01
21) Naphthalene-d8	10.83	136	89636	20.00	ng	-0.01
39) Acenaphthene-d10	14.66	164	63354	20.00	ng	-0.01
64) Phenanthrene-d10	17.41	188	154797	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	166252	20.00	ng	-0.02
87) Perylene-d12	24.95	264	201671	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	205343	209.22	ng	-0.01
7) Phenol-d6	7.18	99	206043	145.88	ng	-0.01
23) Nitrobenzene-d5	9.19	82	134333	82.01	ng	-0.02
42) 2,4,6-Tribromophenol	16.16	330	136778	128.79	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	378787	81.83	ng	-0.01
79) Terphenyl-d14	20.01	244	767567	85.41	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	3.45	88	10817	28.144	ng 91
3) Pyridine	3.85	79	32317	30.945	ng 97
4) n-Nitrosodimethylamine	3.78	42	23869	50.791	ng 97
6) Aniline	7.34	93	32233	19.002	ng 96
8) 2-Chlorophenol	7.58	128	51183	44.240	ng 98
9) Benzaldehyde	7.16	77	14077	17.282	ng 93
10) Phenol	7.21	94	68895	48.652	ng 98
11) bis(2-Chloroethyl)ether	7.44	93	39388	36.393	ng 99
12) 1,3-Dichlorobenzene	7.90	146	48227	34.792	ng 98
13) 1,4-Dichlorobenzene	8.05	146	52901	37.683	ng 96
14) 1,2-Dichlorobenzene	8.37	146	51564	38.523	ng 96
15) Benzyl Alcohol	8.26	79	49512	46.548	ng 98
16) 2,2'-oxybis(1-Chloropropan	8.54	45	86147	41.510	ng 98
17) 2-Methylphenol	8.46	107	46244	47.030	ng 95
18) Hexachloroethane	9.09	117	17541	36.779	ng 96
19) n-Nitroso-di-n-propylamine	8.82	70	39071	42.124	ng # 96
20) 3+4-Methylphenols	8.79	107	67357	48.046	ng # 99
22) Acetophenone	8.85	105	79167	33.820	ng # 99
24) Nitrobenzene	9.24	77	62916	37.999	ng 98
25) Isophorone	9.75	82	139538	49.452	ng 98
26) 2-Nitrophenol	9.95	139	37565	41.945	ng 99
27) 2,4-Dimethylphenol	10.00	122	59893	47.535	ng 90
28) bis(2-Chloroethoxy)methane	10.23	93	65947	38.887	ng 98
29) 2,4-Dichlorophenol	10.48	162	80083	51.162	ng 96
30) 1,2,4-Trichlorobenzene	10.69	180	74830	39.787	ng 97
31) Naphthalene	10.89	128	184461	41.031	ng 98
32) Benzoic acid	10.15	122	12199m	22.091	ng 96
33) 4-Chloroaniline	11.01	127	19269	9.579	ng 96
34) Hexachlorobutadiene	11.14	225	52966	40.928	ng 96
35) Caprolactam	11.78	113	22706m	36.174	ng 95
36) 4-Chloro-3-methylphenol	12.13	107	71256	42.562	ng 97
37) 2-Methylnaphthalene	12.48	142	136983	40.641	ng 98
38) 1-Methylnaphthalene	12.71	142	130225	40.253	ng 98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	88231	37.083	ng 99

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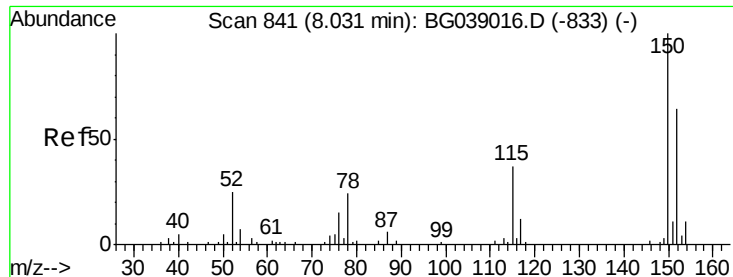
Manual Integrations
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 1/17/2019 2:09:14 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	83983	63.914	nq	97
43) 2,4,6-Trichlorophenol	13.09	196	62179	41.522	nq	98
44) 2,4,5-Trichlorophenol	13.18	196	65458	41.358	nq	96
46) 1,1'-Biphenyl	13.49	154	188681	37.586	nq	99
47) 2-Chloronaphthalene	13.54	162	152696	37.588	nq	99
48) 2-Nitroaniline	13.76	65	43890	38.565	nq	95
49) Acenaphthylene	14.39	152	248599	40.714	nq	99
50) Dimethylphthalate	14.11	163	310958	58.083	nq	100
51) 2,6-Dinitrotoluene	14.25	165	46214	38.610	nq	99
52) Acenaphthene	14.72	154	142919	38.957	nq	97
53) 3-Nitroaniline	14.58	138	19725	16.245	nq	87
54) 2,4-Dinitrophenol	14.79	184	30776	45.497	nq	91
55) Dibenzofuran	15.06	168	258775	39.939	nq	100
56) 4-Nitrophenol	14.89	139	64464	73.785	nq	99
57) 2,4-Dinitrotoluene	15.03	165	66571	38.766	nq	96
58) Fluorene	15.71	166	201055	41.225	nq	94
59) 2,3,4,6-Tetrachlorophenol	15.29	232	63220	42.315	nq	99
60) Diethylphthalate	15.46	149	217516	39.434	nq	98
61) 4-Chlorophenyl-phenylether	15.69	204	117293	38.174	nq	97
62) 4-Nitroaniline	15.75	138	42986	33.983	nq	98
63) Azobenzene	15.99	77	162336	37.633	nq	97
65) 4,6-Dinitro-2-methylphenol	15.79	198	33899	29.559	nq	97
66) n-Nitrosodiphenylamine	15.91	169	184131	40.125	nq	99
67) 4-Bromophenyl-phenylether	16.59	248	80050	40.229	nq	96
68) Hexachlorobenzene	16.70	284	84241	38.798	nq	97
69) Atrazine	16.85	200	73242	37.570	nq	97
70) Pentachlorophenol	17.05	266	76878	58.951	nq	97
71) Phenanthrene	17.45	178	344081	42.053	nq	98
72) Anthracene	17.54	178	349589	43.213	nq	99
73) Carbazole	17.82	167	305769	38.287	nq	99
74) Di-n-butylphthalate	18.35	149	352508	39.677	nq	99
75) Fluoranthene	19.46	202	464122	45.757	nq	99
77) Benzidine	19.65	184	68276	13.427	nq	99
78) Pyrene	19.82	202	504330	47.601	nq	99
80) Butylbenzylphthalate	20.69	149	218827	54.304	nq	99
81) Benzo(a)anthracene	21.67	228	426759	42.168	nq	98
82) 3,3'-Dichlorobenzidine	21.58	252	66921	16.229	nq	100
83) Chrysene	21.73	228	389240	40.438	nq	99
84) Bis(2-ethylhexyl)phthalate	21.53	149	237363	42.422	nq	95
85) Di-n-octyl phthalate	22.74	149	377085	39.856	nq	100
86) Indeno(1,2,3-cd)pyrene	28.68	276	520092	45.219	nq	# 95
88) Benzo(b)fluoranthene	23.91	252	434886	39.108	nq	98
89) Benzo(k)fluoranthene	23.97	252	434110	39.483	nq	97
90) Benzo(a)pyrene	24.79	252	468492	43.587	nq	99
91) Dibenzo(a,h)anthracene	28.75	278	422465	39.515	nq	100
92) Benzo(g,h,i)perylene	29.87	276	412969	39.018	nq	97

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



#1

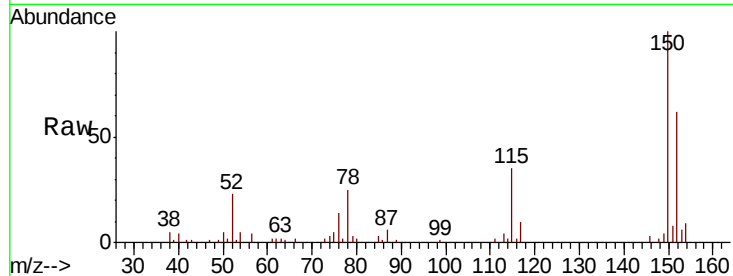
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BG039166.D
Acq: 16 Jan 2019 20:54

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9AMS

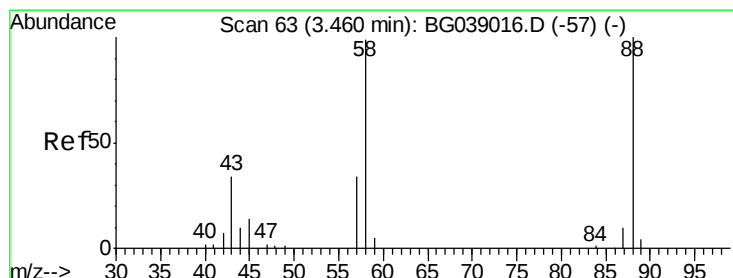
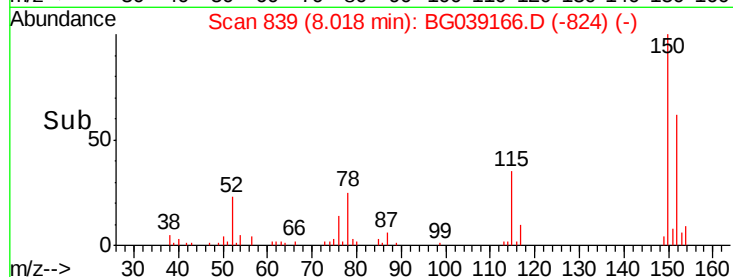
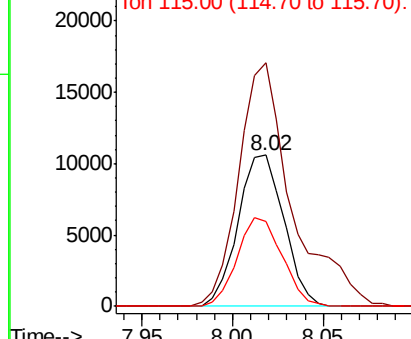
Tot Ion	Ratio	Lower	Upper
152	100		
150	161.2	124.7	187.1
115	56.6	46.5	69.7

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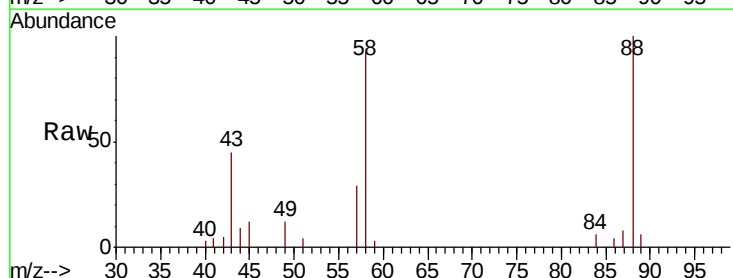
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



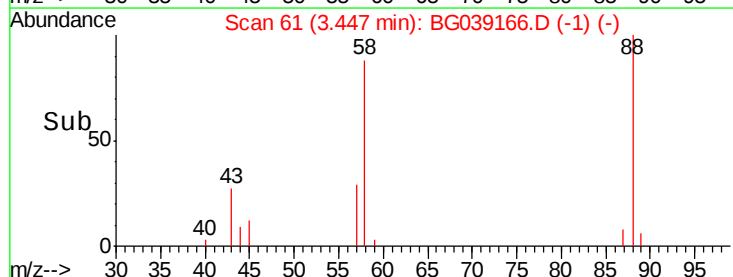
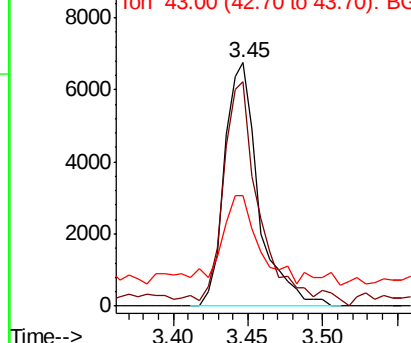
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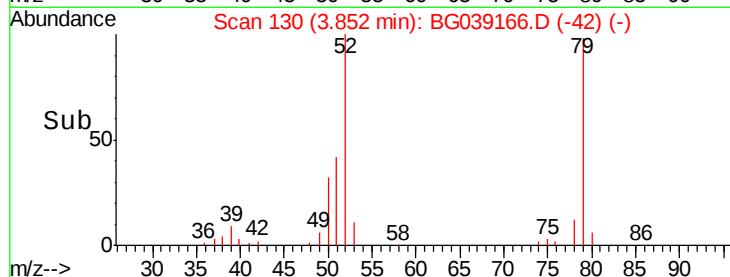
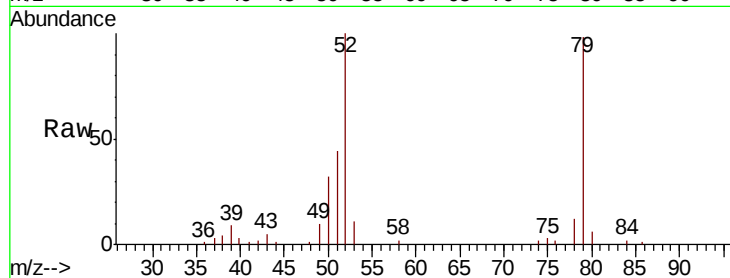
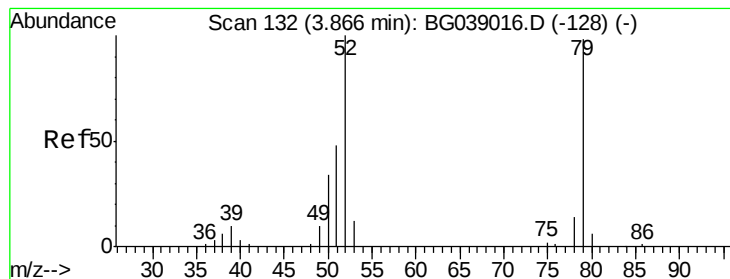
1,4-Dioxane
Concen: 28.144 ng
RT: 3.45 min Scan# 61
Delta R.T. -0.01 min
Lab File: BG039166.D
Acq: 16 Jan 2019 20:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	100.4	72.4	108.6
43	37.7	27.6	41.4



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: 30.945 ng

RT: 3.85 min Scan# 130

Delta R.T. -0.01 min

Lab File: BG039166.D

Acq: 16 Jan 2019 20:54

Tot Ion:	79	Resp:	32317
Ion	Ratio	Lower	Upper
79	100		
52	101.8	81.5	122.3
51	44.3	39.8	59.6

Instrument :

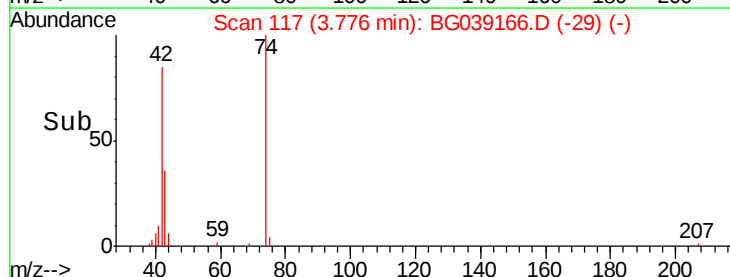
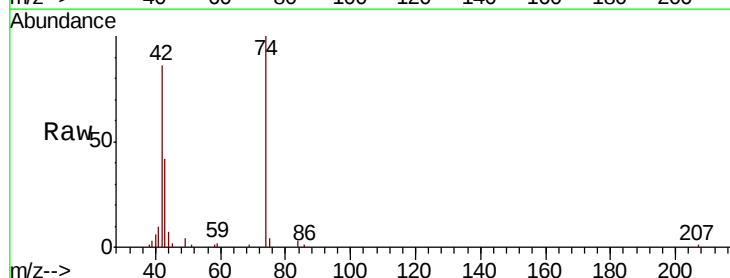
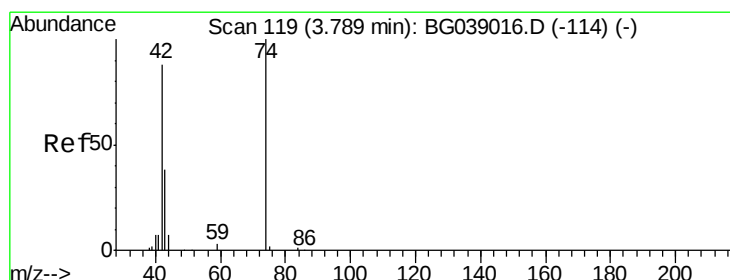
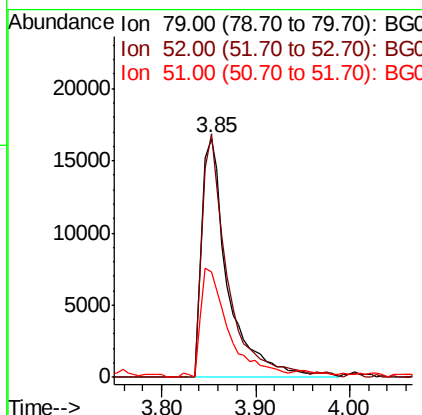
BNA_G

ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9AMS

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 50.791 ng

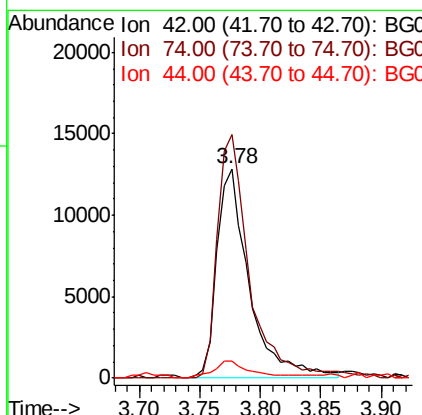
RT: 3.78 min Scan# 117

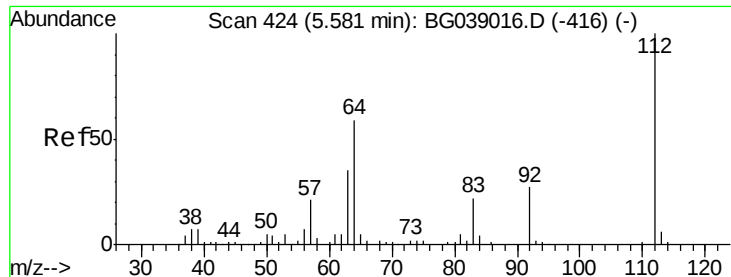
Delta R.T. -0.01 min

Lab File: BG039166.D

Acq: 16 Jan 2019 20:54

Tgt Ion:	42	Resp:	23869
Ion	Ratio	Lower	Upper
42	100		
74	116.4	90.7	136.1
44	8.1	6.5	9.7





#5

2-Fluorophenol

Concen: 209.223 ng

RT: 5.57 min Scan# 422

Delta R.T. -0.01 min

Lab File: BG039166.D

Acq: 16 Jan 2019 20:54

Instrument :

BNA_G

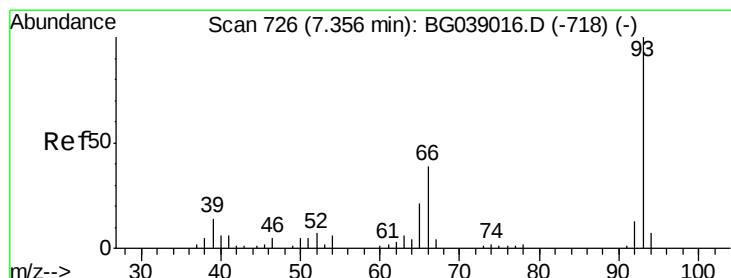
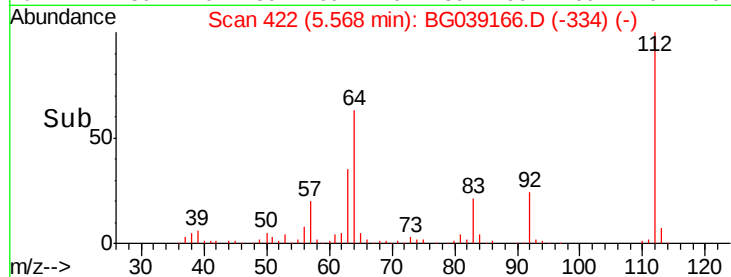
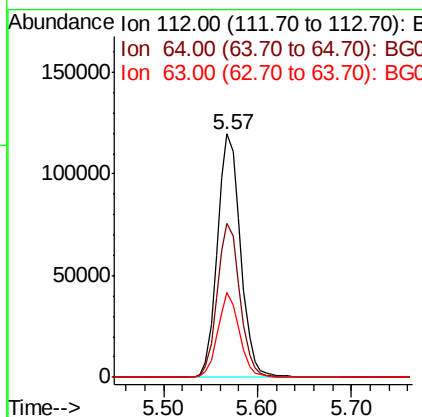
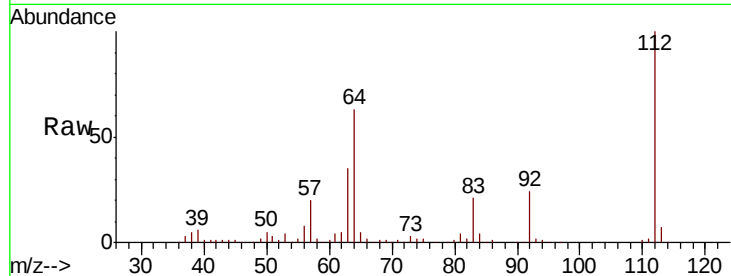
ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9AMS

Tot Ion:	112	Resp:	205343
Ion Ratio	Lower	Upper	
112	100		
64	63.4	47.0	70.6
63	34.6	28.0	42.0

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#6

Aniline

Concen: 19.002 ng

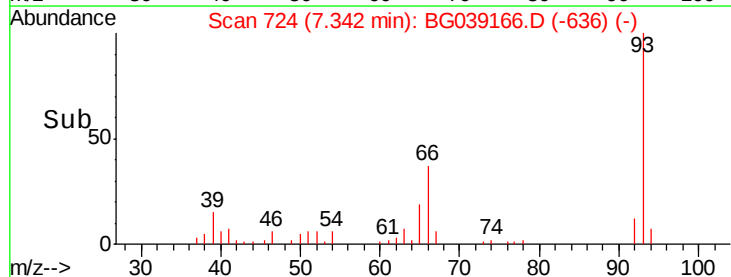
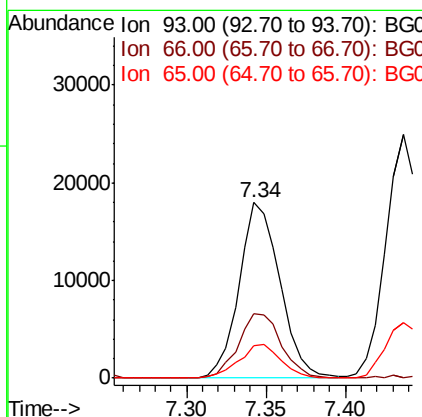
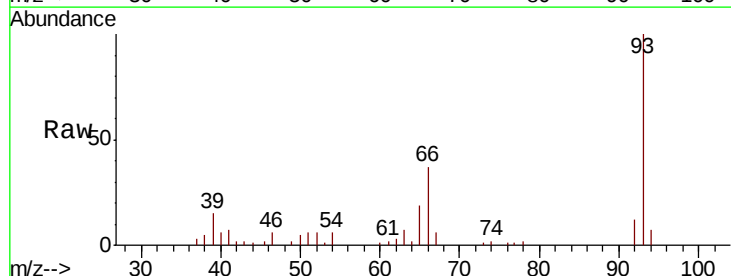
RT: 7.34 min Scan# 724

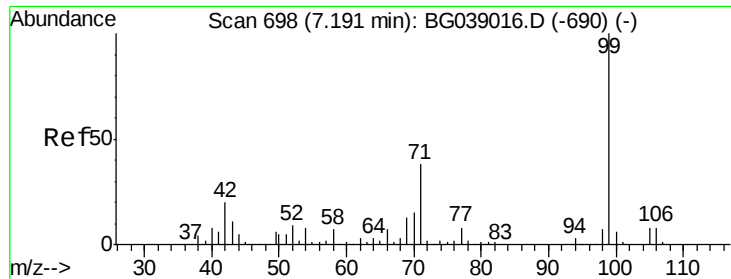
Delta R.T. -0.01 min

Lab File: BG039166.D

Acq: 16 Jan 2019 20:54

Tgt Ion:	93	Resp:	32233
Ion Ratio	Lower	Upper	
93	100		
66	36.5	30.9	46.3
65	18.8	17.0	25.4





#7

Phenol-d6

Concen: 145.877 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG039166.D

Acq: 16 Jan 2019 20:54

Instrument :

BNA_G

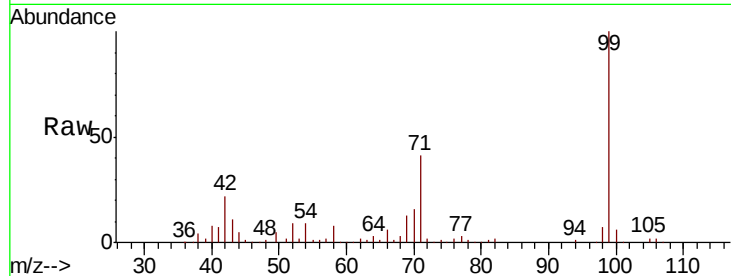
ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9AMS

Tot Ion:	99	Resp:	206043
Ion Ratio	Lower	Upper	
99	100		
42	21.9	15.8	23.6
71	40.7	30.2	45.4

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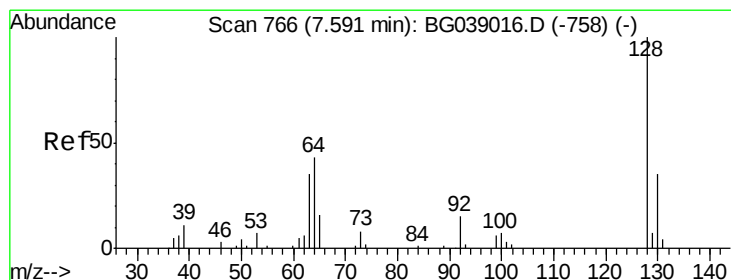
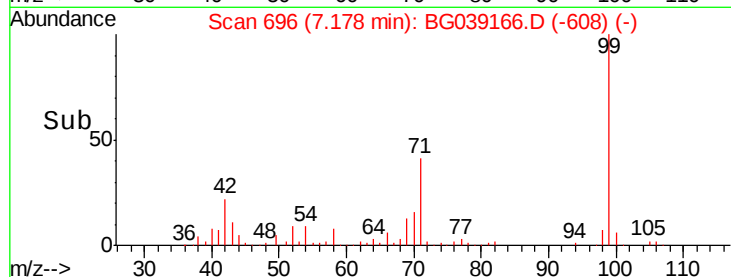
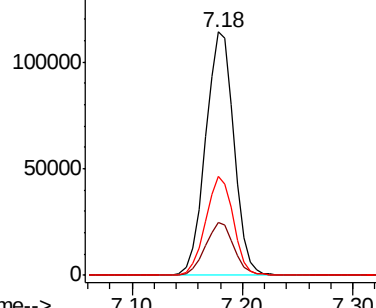


Abundance

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: 44.240 ng

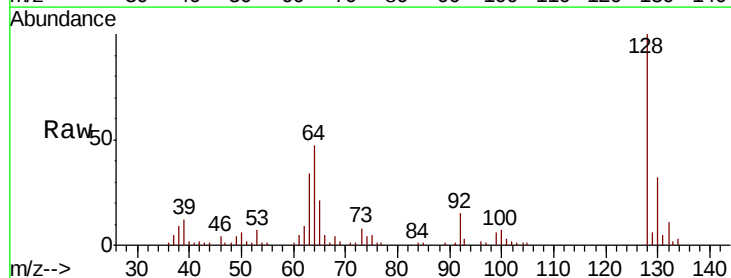
RT: 7.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BG039166.D

Acq: 16 Jan 2019 20:54

Tgt Ion:	128	Resp:	51183
Ion Ratio	Lower	Upper	
128	100		
130	31.8	14.5	54.5
64	47.1	27.3	67.3

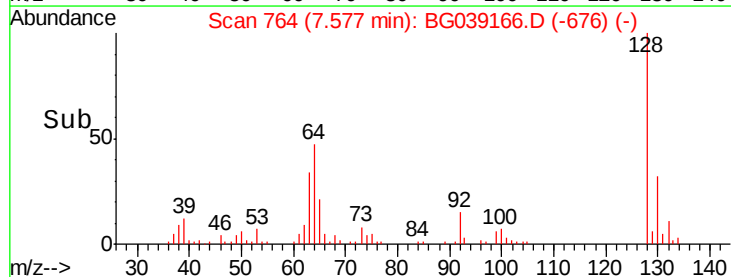
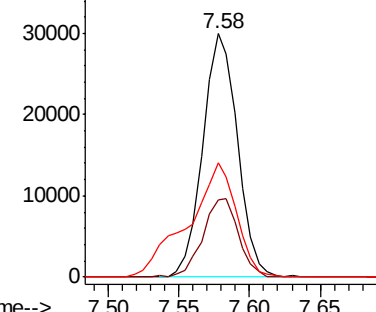


Abundance

Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 17.282 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG039166.D

Acq: 16 Jan 2019 20:54

Instrument :

BNA_G

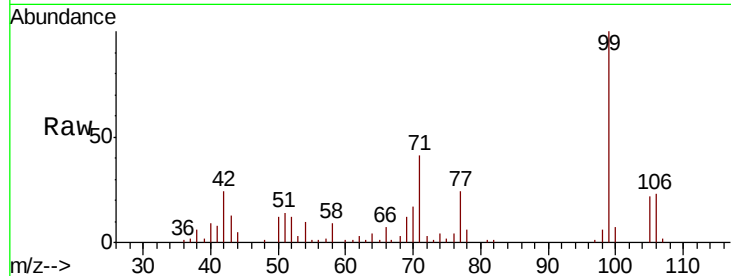
ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9AMS

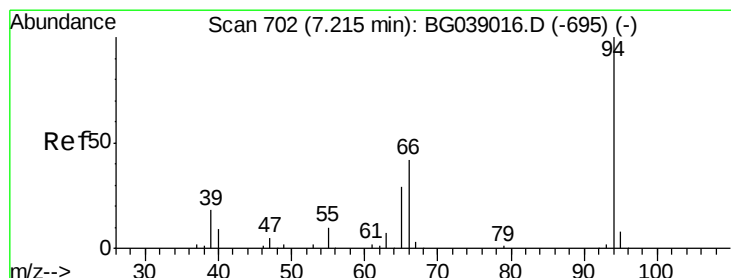
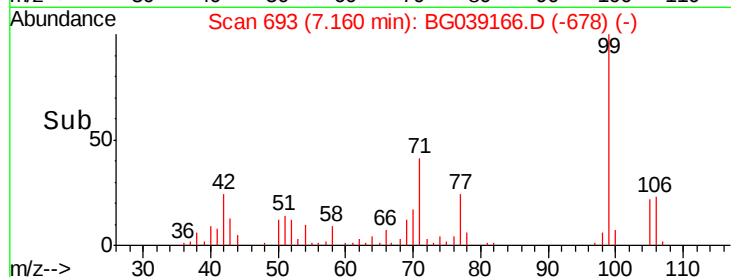
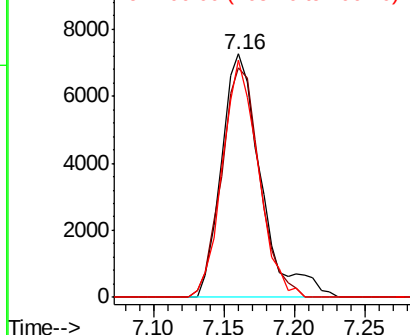
Tot Ion:	77	Resp:	14077
Ion	Ratio	Lower	Upper
77	100		
105	94.3	82.4	122.4
106	97.4	82.8	122.8

Manual Integrations
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 48.652 ng

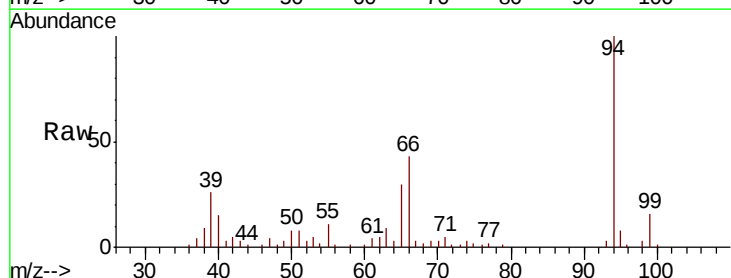
RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

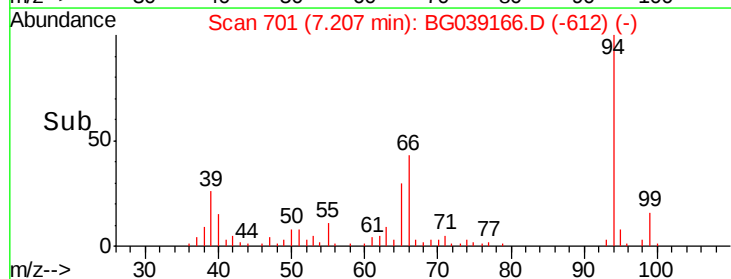
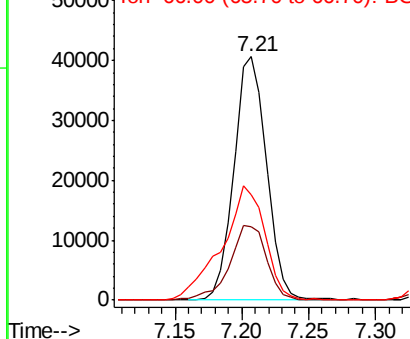
Lab File: BG039166.D

Acq: 16 Jan 2019 20:54

Tgt Ion:	94	Resp:	68895
Ion	Ratio	Lower	Upper
94	100		
65	30.2	10.3	50.3
66	43.5	25.1	65.1



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 36.393 ng

RT: 7.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BG039166.D

Acq: 16 Jan 2019 20:54

Instrument :

BNA_G

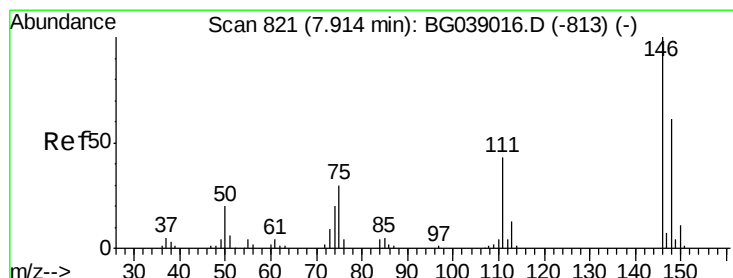
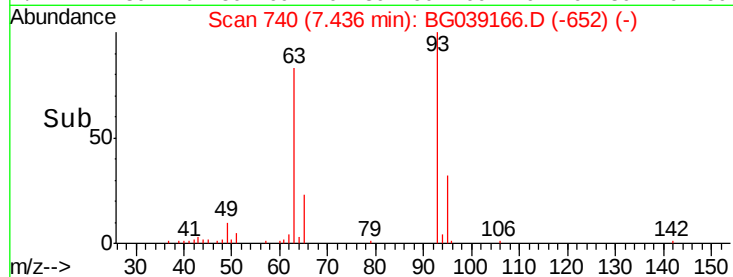
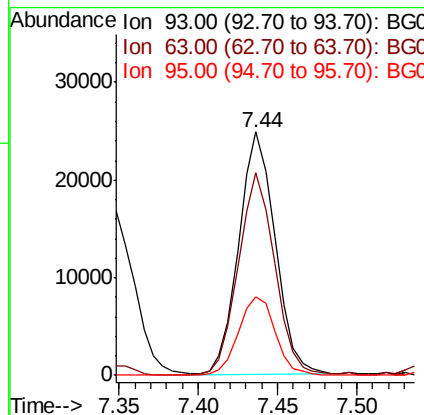
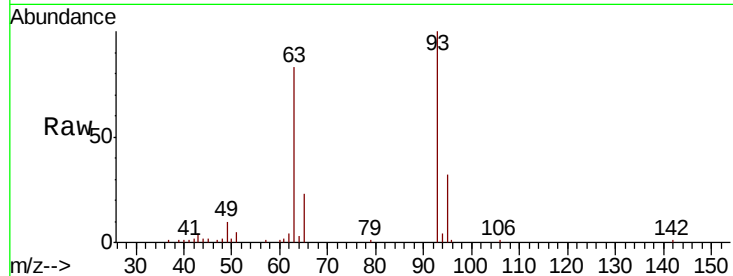
ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9AMS

Tot Ion:	93	Resp:	39388
Ion	Ratio	Lower	Upper
93	100		
63	83.2	63.2	103.2
95	32.4	11.2	51.2

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#12

1,3-Dichlorobenzene

Concen: 34.792 ng

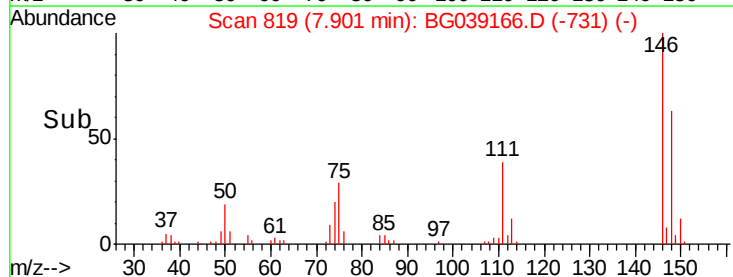
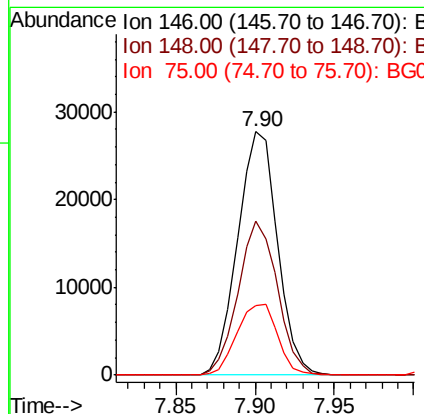
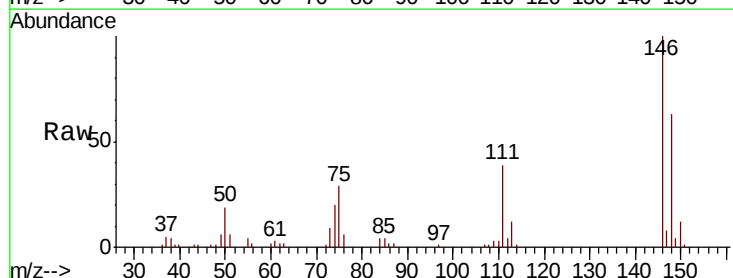
RT: 7.90 min Scan# 819

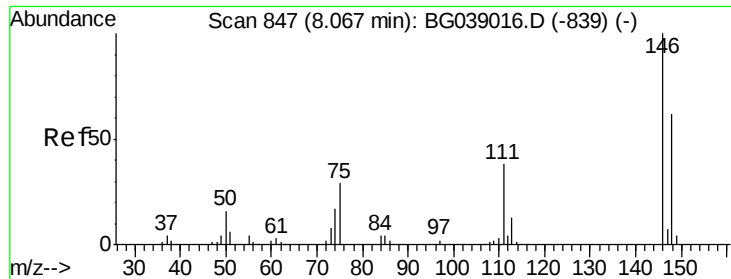
Delta R.T. -0.01 min

Lab File: BG039166.D

Acq: 16 Jan 2019 20:54

Tgt Ion:	146	Resp:	48227
Ion	Ratio	Lower	Upper
146	100		
148	63.1	49.1	73.7
75	28.8	23.9	35.9





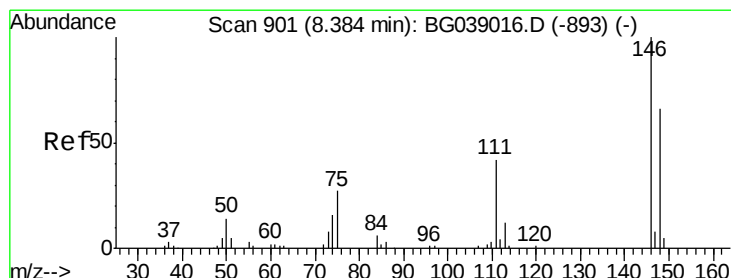
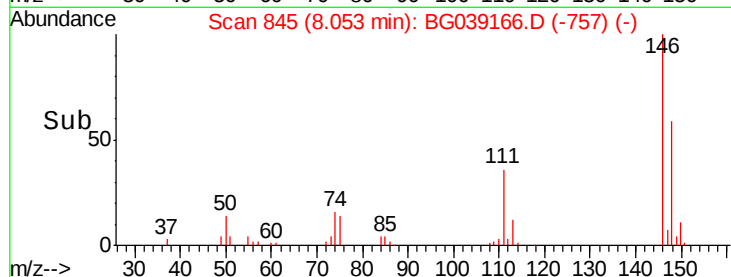
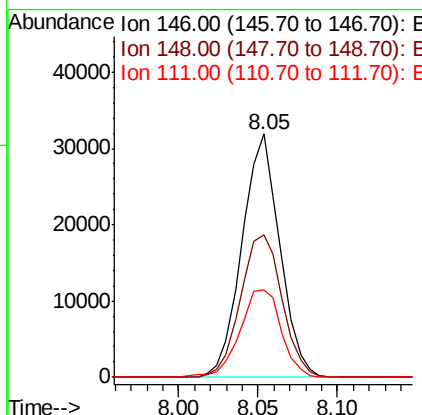
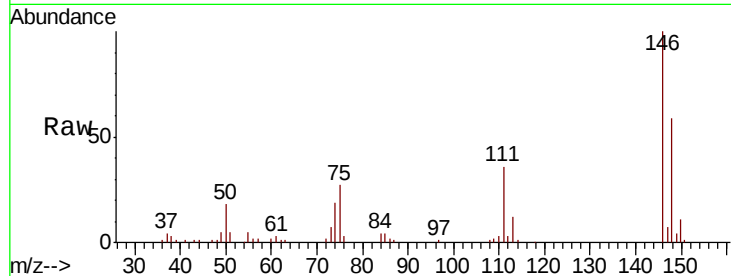
#13
 1,4-Dichlorobenzene
 Concen: 37.683 ng
 RT: 8.05 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BG039166.D
 Acq: 16 Jan 2019 20:54

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-D9-E9-D9A-E9AMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	58.7	49.8	74.6
111	35.9	30.6	45.8

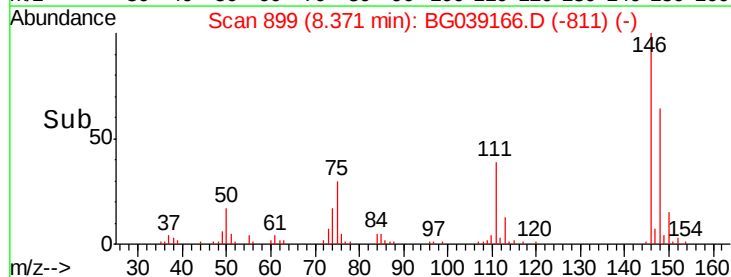
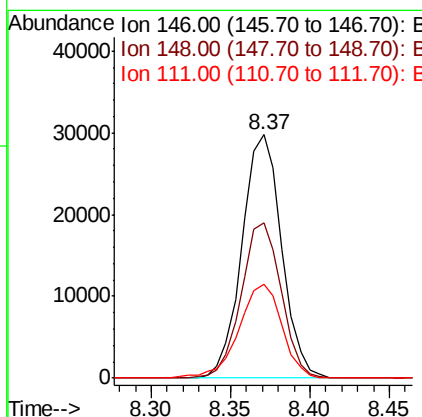
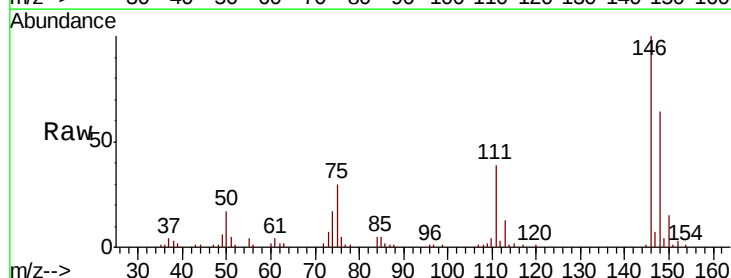
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#14
 1,2-Dichlorobenzene
 Concen: 38.523 ng
 RT: 8.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BG039166.D
 Acq: 16 Jan 2019 20:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	52.6	79.0
111	38.5	34.6	51.8





#15

Benzyl Alcohol

Concen: 46.548 ng

RT: 8.26 min Scan# 881

Delta R.T. -0.01 min

Lab File: BG039166.D

Acq: 16 Jan 2019 20:54

Instrument :

BNA_G

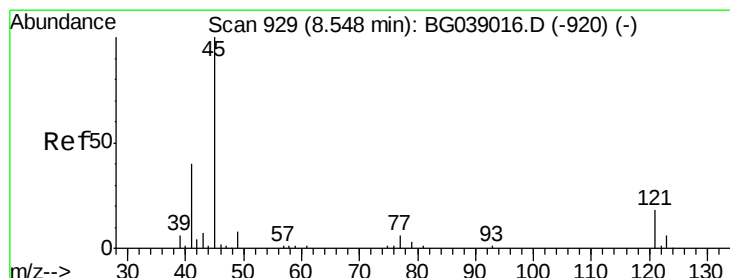
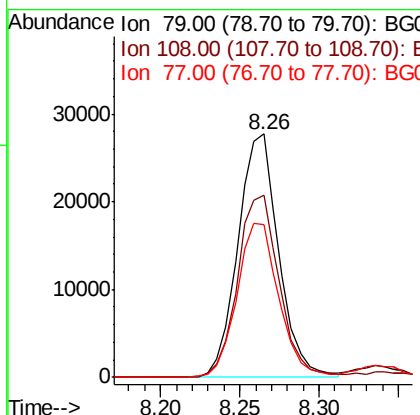
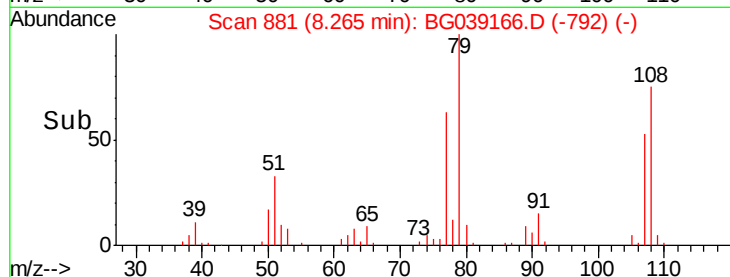
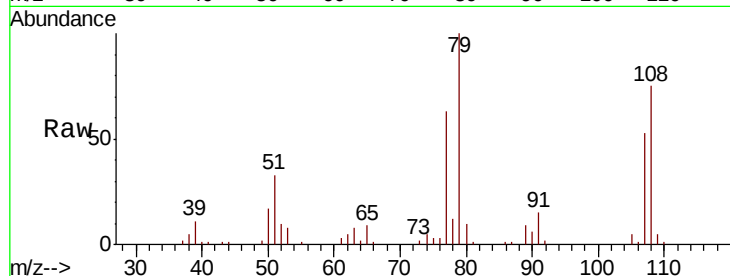
ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9AMS

Tot Ion:	79	Resp:	49512
Ion	Ratio	Lower	Upper
79	100		
108	74.6	62.0	93.0
77	62.8	50.1	75.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.510 ng

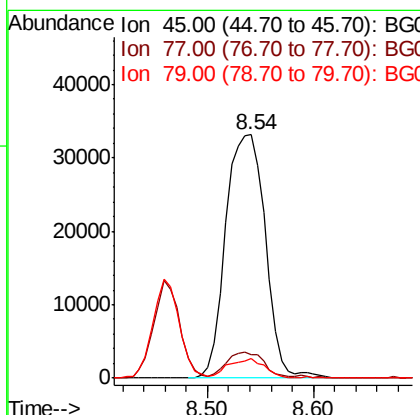
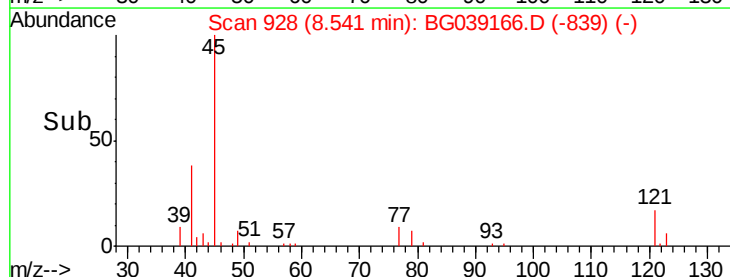
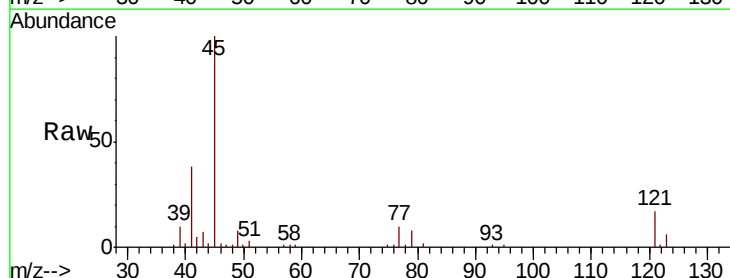
RT: 8.54 min Scan# 928

Delta R.T. -0.01 min

Lab File: BG039166.D

Acq: 16 Jan 2019 20:54

Tgt Ion:	45	Resp:	86147
Ion	Ratio	Lower	Upper
45	100		
77	9.7	0.0	30.7
79	8.0	0.0	28.5





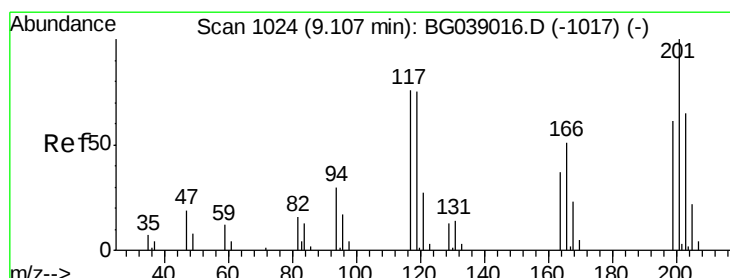
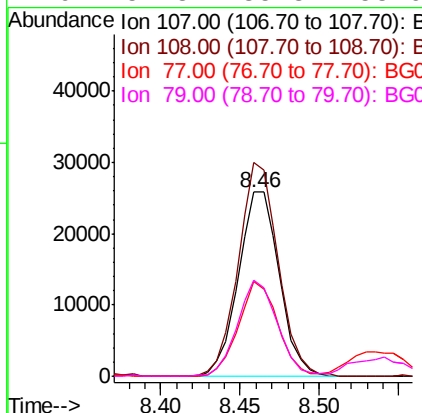
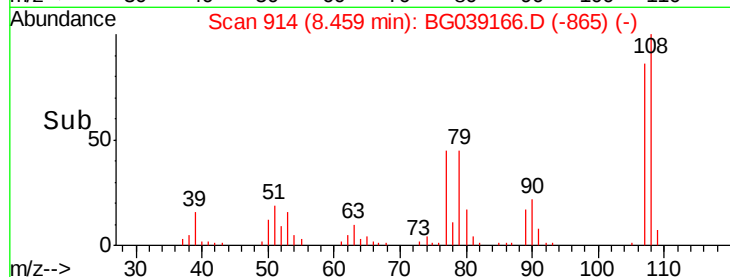
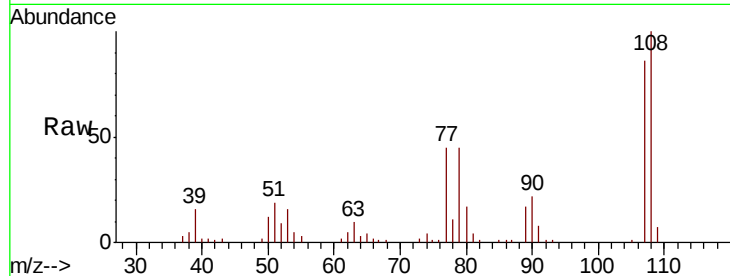
#17
2-Methylphenol
Concen: 47.030 ng
RT: 8.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BG039166.D
Acq: 16 Jan 2019 20:54

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9AMS

Tot Ion:	107	Resp:	46244
Ion	Ratio	Lower	Upper
107	100		
108	115.9	90.3	135.5
77	51.8	38.3	57.5
79	51.8	35.8	53.6

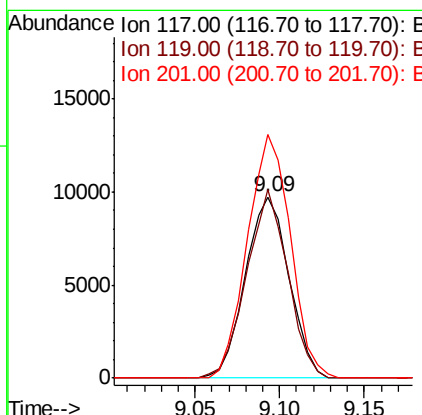
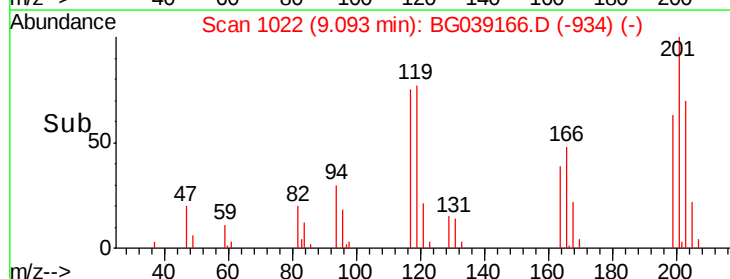
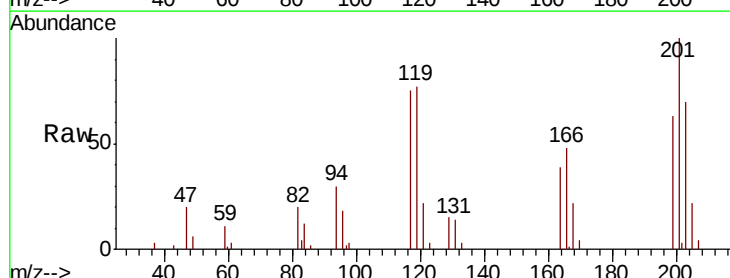
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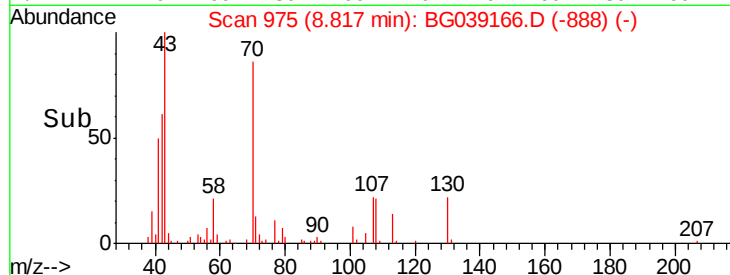
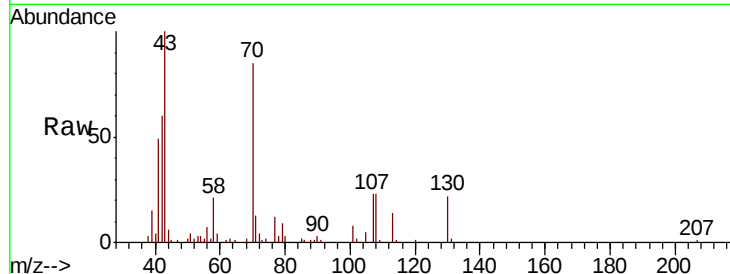
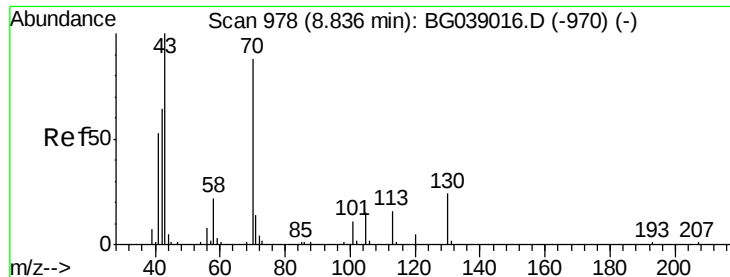
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#18
Hexachloroethane
Concen: 36.779 ng
RT: 9.09 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BG039166.D
Acq: 16 Jan 2019 20:54

Tgt Ion:	117	Resp:	17541
Ion	Ratio	Lower	Upper
117	100		
119	103.9	78.7	118.1
201	138.3	108.1	162.1





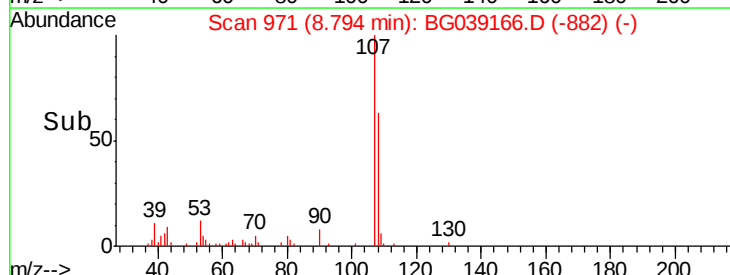
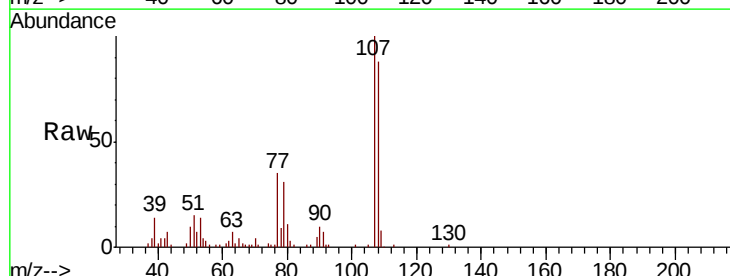
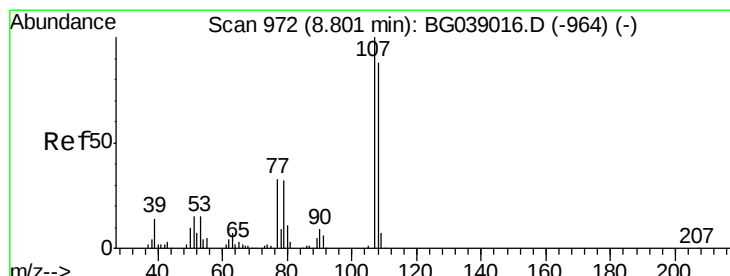
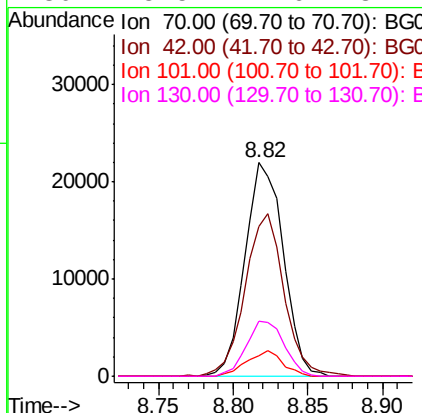
#19
n-Nitroso-di-n-propylamine
Concen: 42.124 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.02 min
Lab File: BG039166.D
Acq: 16 Jan 2019 20:54

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9AMS

Tot Ion	Ratio	Lower	Upper
70	100		
42	70.4	59.0	88.4
101	9.7	10.4	15.6
130	25.5	21.6	32.4

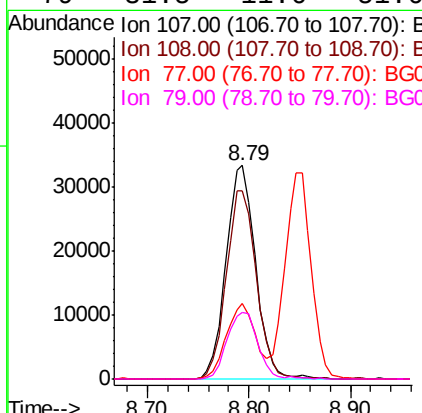
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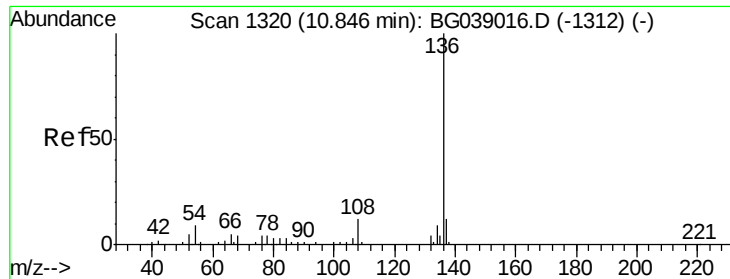
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#20
3+4-Methylphenols
Concen: 48.046 ng
RT: 8.79 min Scan# 971
Delta R.T. -0.01 min
Lab File: BG039166.D
Acq: 16 Jan 2019 20:54

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.2	68.4	108.4
77	35.2	13.3	53.3
79	31.5	11.6	51.6





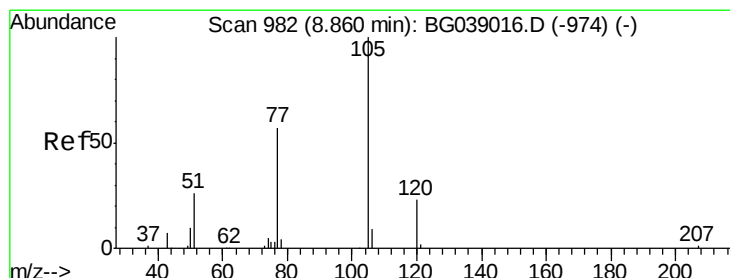
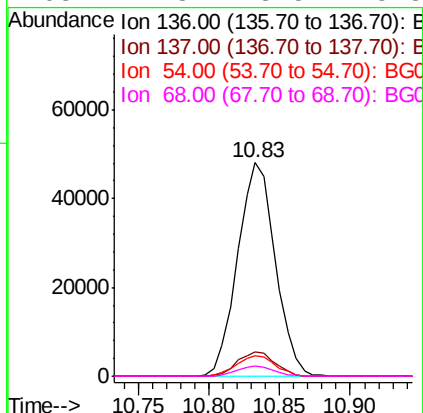
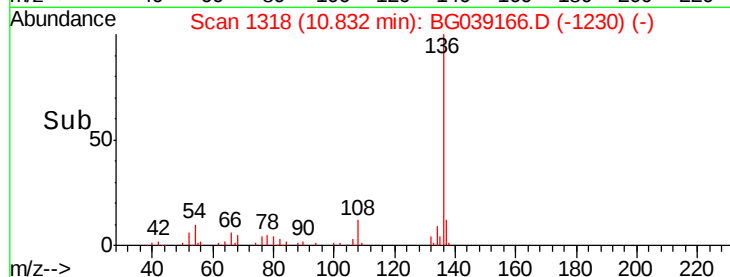
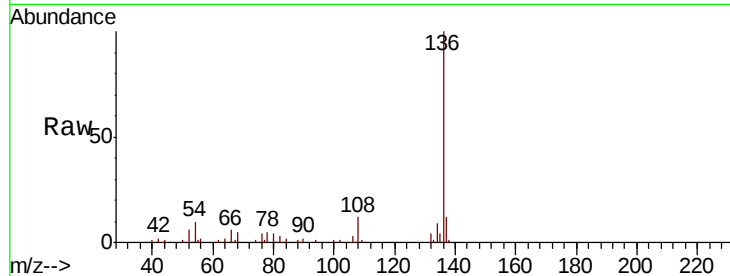
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG039166.D
Acq: 16 Jan 2019 20:54

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9AMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.5	9.4	14.2	
54	9.9	7.2	10.8	
68	4.8	3.5	5.3	

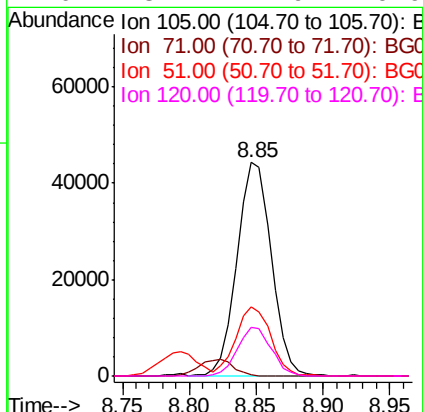
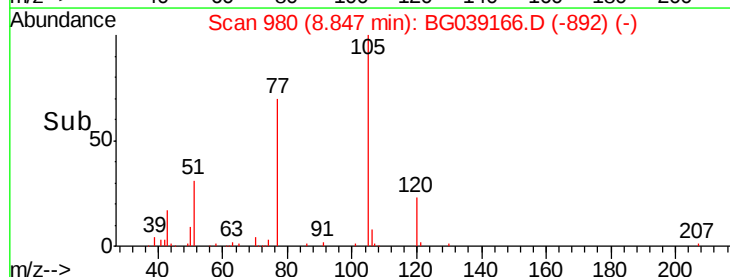
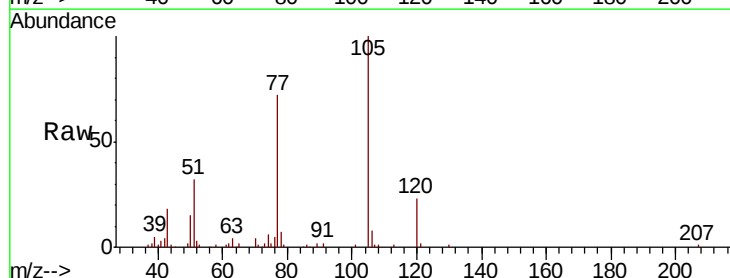
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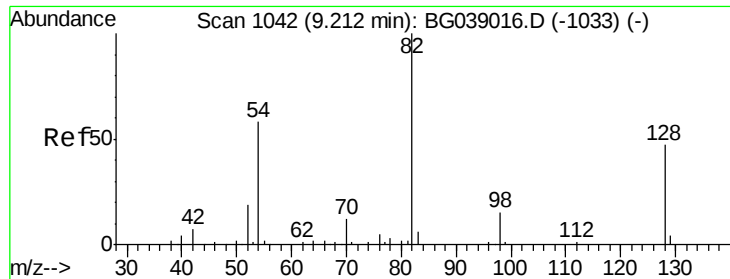
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#22
Acetophenone
Concen: 33.820 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BG039166.D
Acq: 16 Jan 2019 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.5	0.6	1.0#	
51	32.3	26.6	39.8	
120	23.1	17.9	26.9	





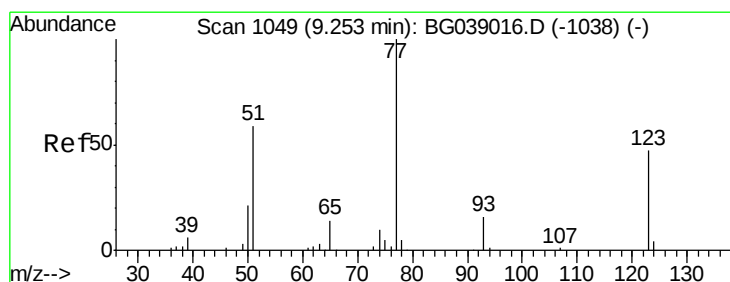
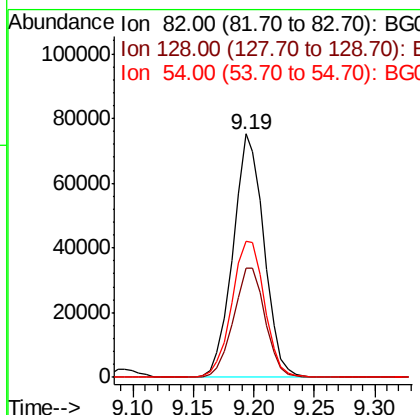
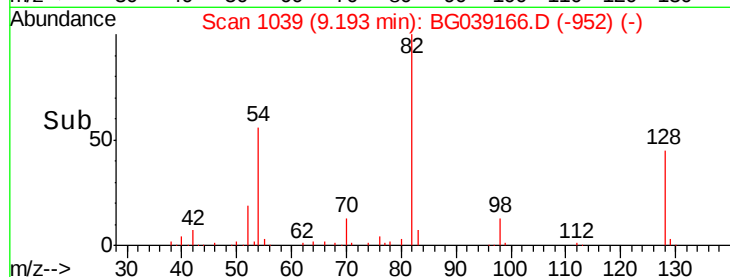
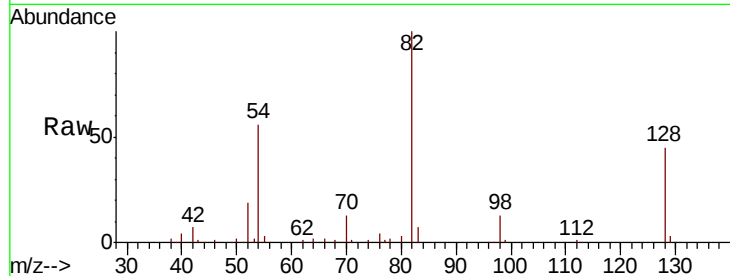
#23
 Nitrobenzene-d5
 Concen: 82.005 ng
 RT: 9.19 min Scan# 1039
 Delta R.T. -0.02 min
 Lab File: BG039166.D
 Acq: 16 Jan 2019 20:54

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-D9-E9-D9A-E9AMS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.8	37.3	55.9
54	55.9	46.4	69.6

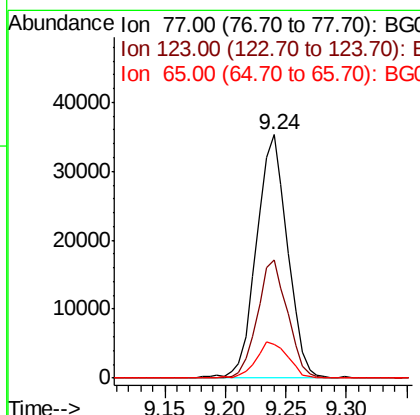
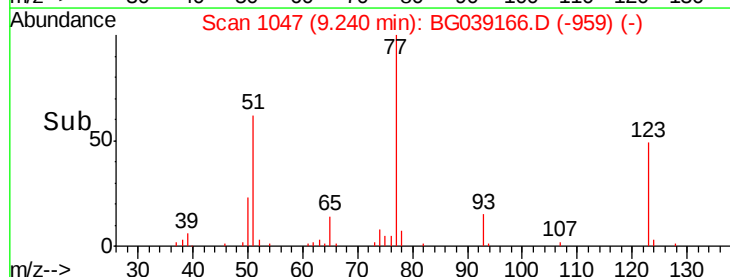
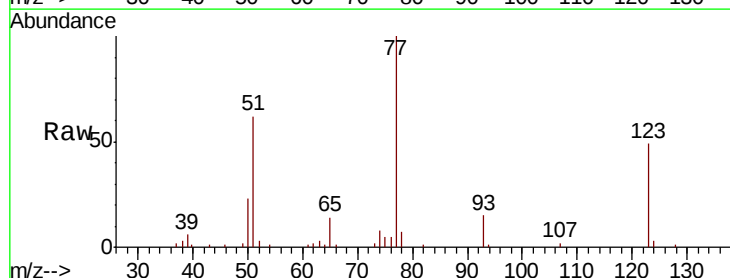
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#24
 Nitrobenzene
 Concen: 37.999 ng
 RT: 9.24 min Scan# 1047
 Delta R.T. -0.01 min
 Lab File: BG039166.D
 Acq: 16 Jan 2019 20:54

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.7	37.6	56.4
65	14.1	11.0	16.6





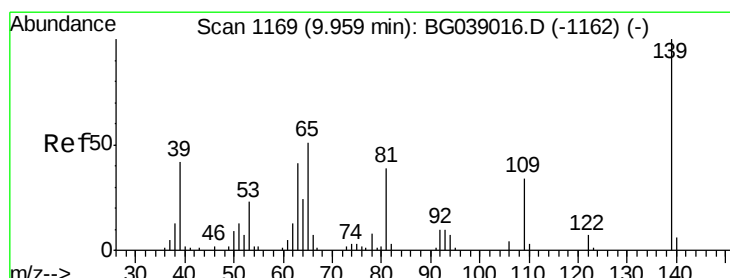
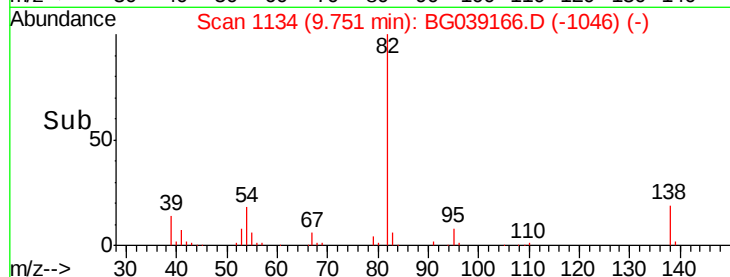
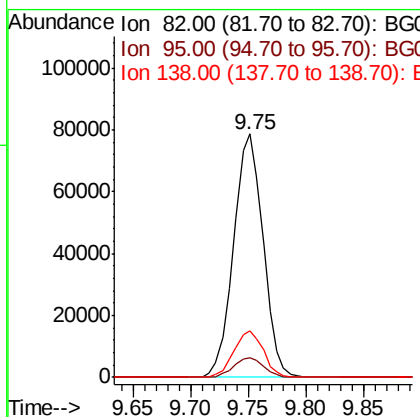
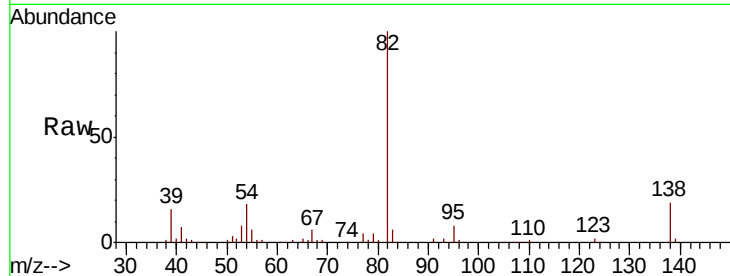
#25
Isophorone
Concen: 49.452 ng
RT: 9.75 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BG039166.D
Acq: 16 Jan 2019 20:54

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9AMS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	139538		
95	8.3	7.0	10.6	
138	19.0	16.2	24.4	

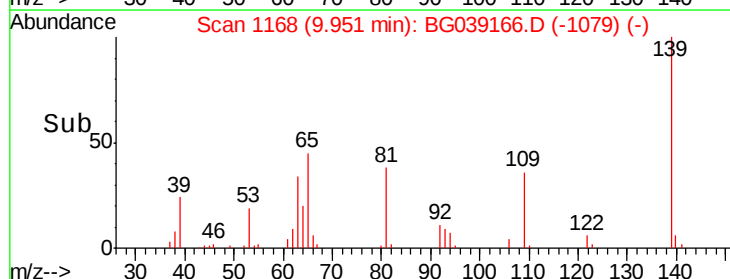
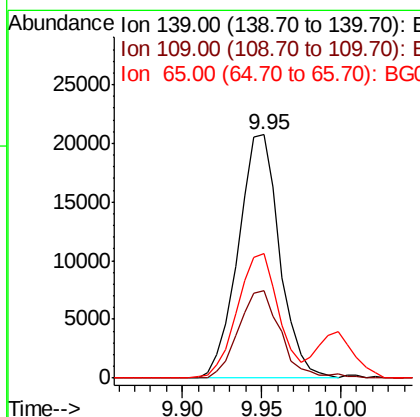
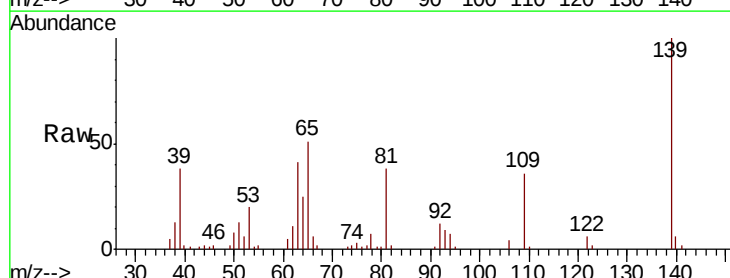
Manual Integrations
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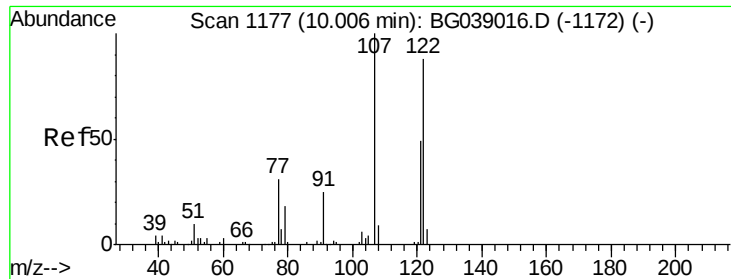
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#26
2-Nitrophenol
Concen: 41.945 ng
RT: 9.95 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BG039166.D
Acq: 16 Jan 2019 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	37565		
109	35.7	27.3	40.9	
65	51.1	40.6	61.0	





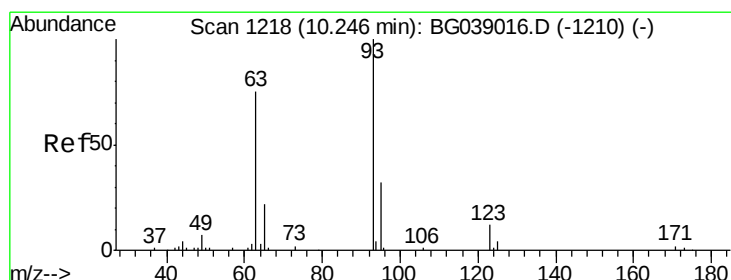
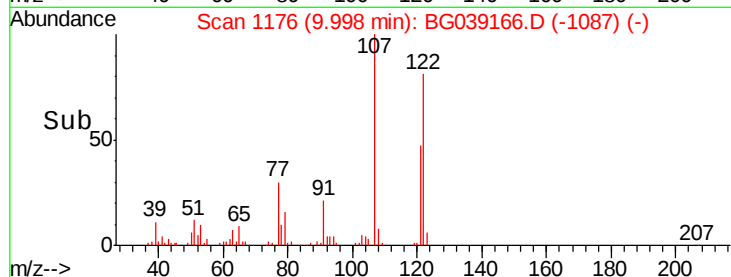
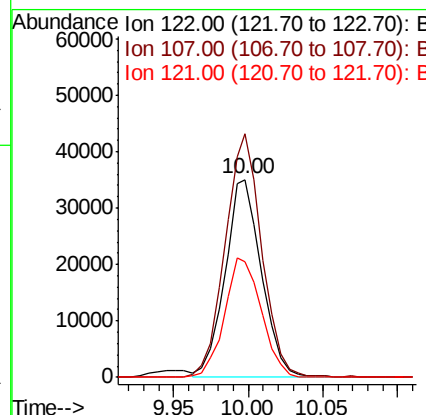
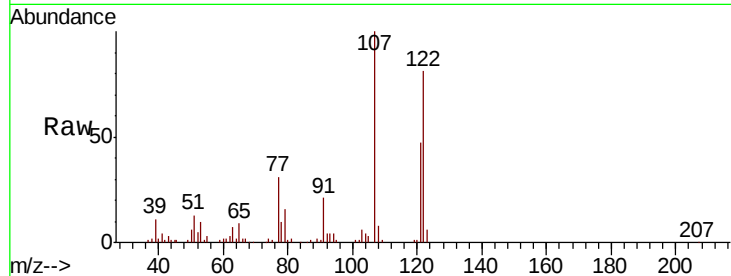
#27
2,4-Dimethylphenol
Concen: 47.535 ng
RT: 10.00 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BG039166.D
Acq: 16 Jan 2019 20:54

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9AMS

Tot Ion	Ratio	Lower	Upper
122	100		
107	123.1	88.8	133.2
121	58.4	43.1	64.7

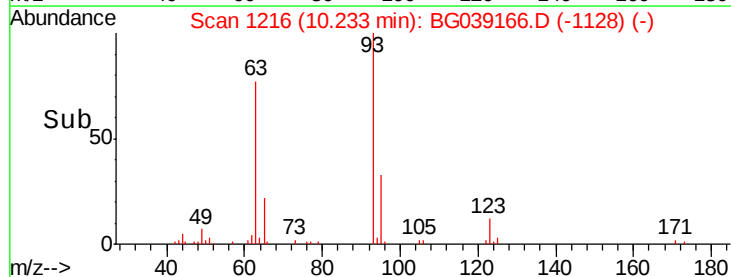
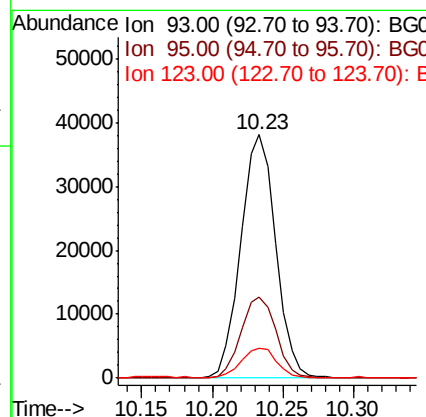
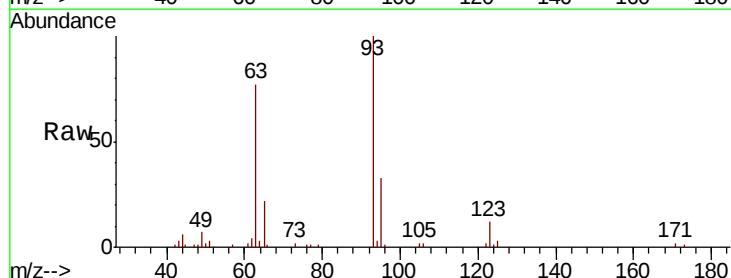
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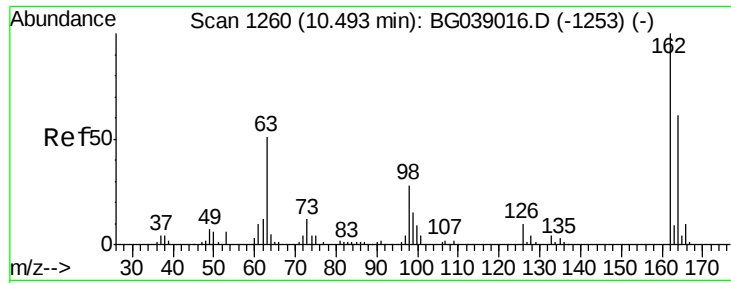
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 38.887 ng
RT: 10.23 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BG039166.D
Acq: 16 Jan 2019 20:54

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	25.6	38.4
123	12.3	10.1	15.1





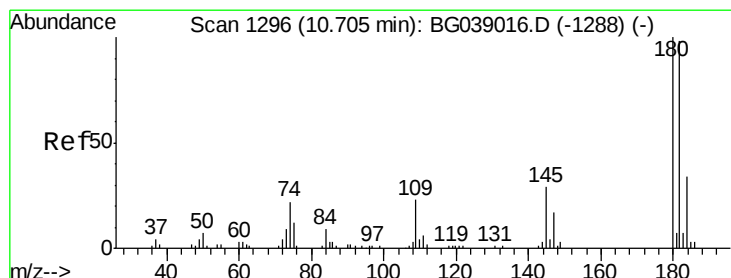
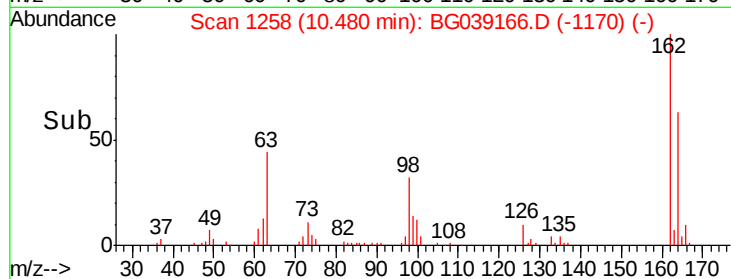
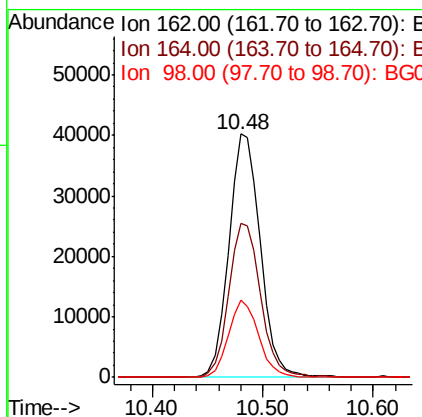
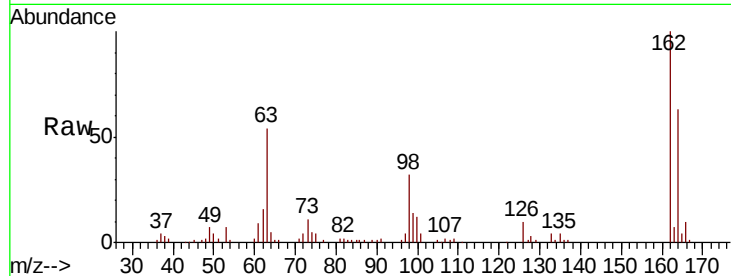
#29
 2,4-Dichlorophenol
 Concen: 51.162 ng
 RT: 10.48 min Scan# 1258
 Delta R.T. -0.01 min
 Lab File: BG039166.D
 Acq: 16 Jan 2019 20:54

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-D9-E9-D9A-E9AMS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.0	41.3	81.3
98	32.0	8.3	48.3

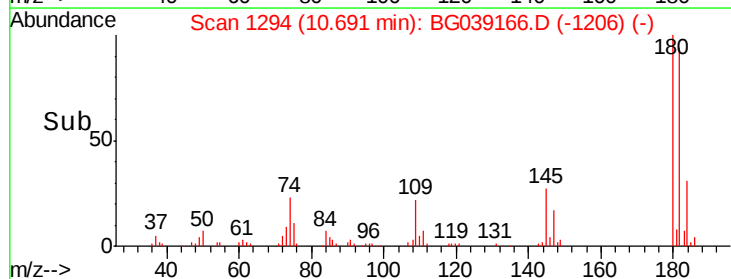
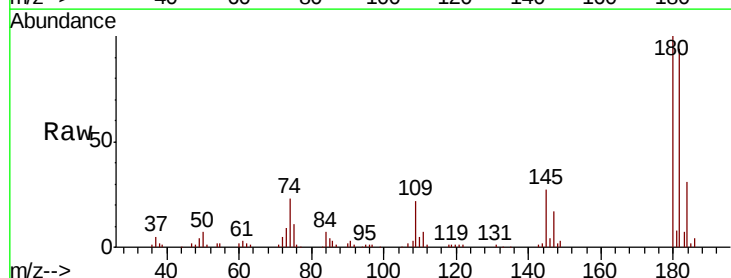
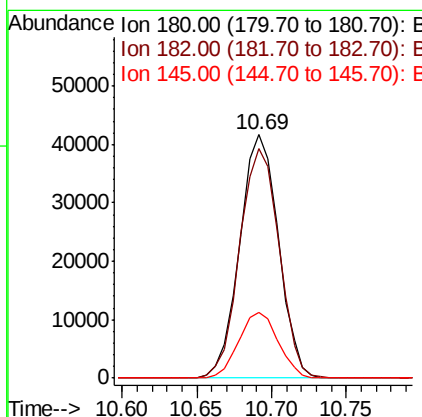
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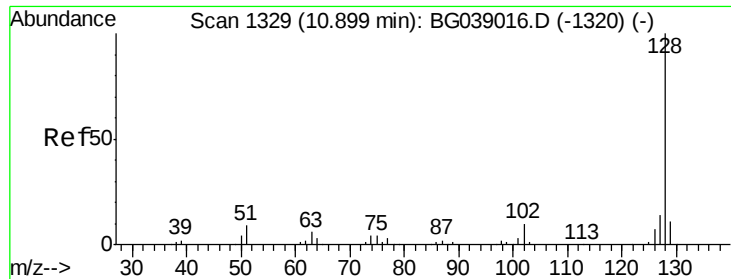
Sohil
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.787 ng
 RT: 10.69 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: BG039166.D
 Acq: 16 Jan 2019 20:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	78.1	117.1
145	26.8	23.1	34.7





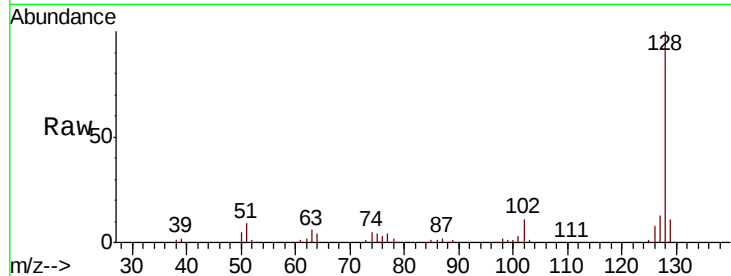
#31
Naphthalene
Concen: 41.031 ng
RT: 10.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BG039166.D
Acq: 16 Jan 2019 20:54

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9AMS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.1	13.7
127	13.1	11.2	16.8

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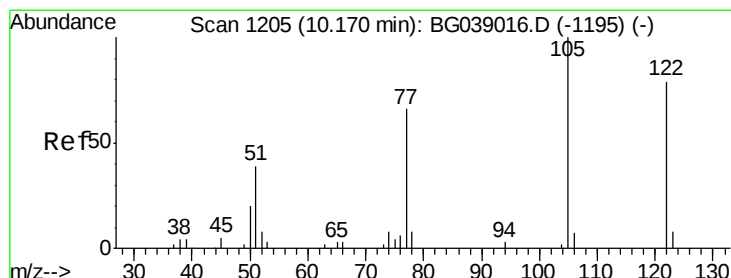
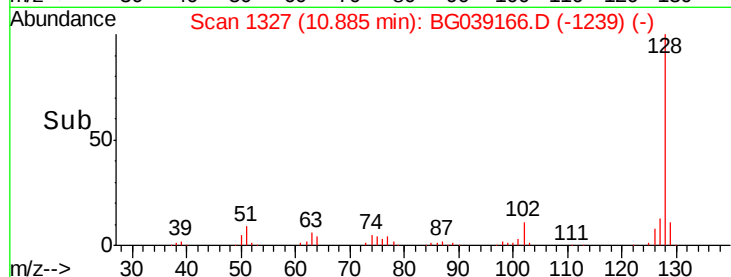
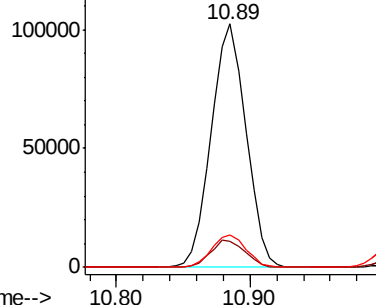


Abundance

Ion 128.00 (127.70 to 128.70): E

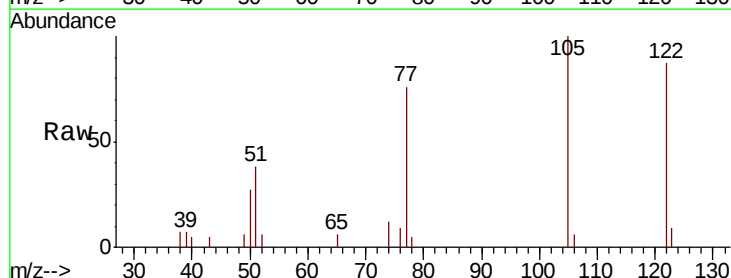
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 22.091 ng m
RT: 10.15 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BG039166.D
Acq: 16 Jan 2019 20:54

Tgt Ion	Ratio	Lower	Upper
122	100		
105	114.6	106.4	146.4
77	86.8	63.6	103.6

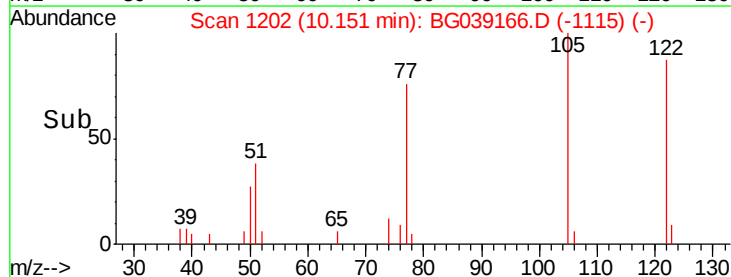
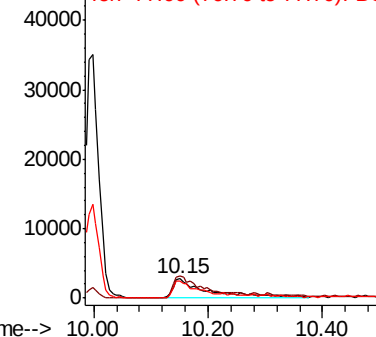


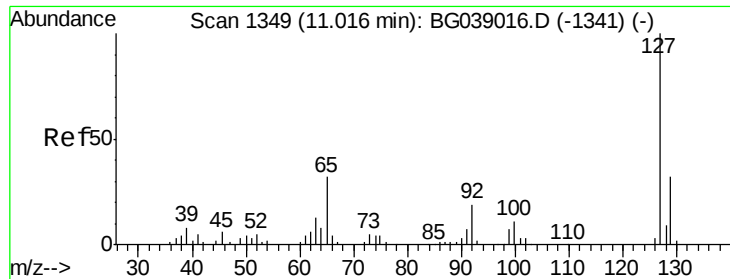
Abundance

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





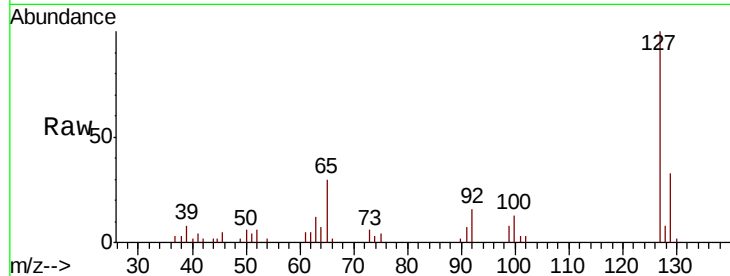
#33
4-Chloroaniline
Concen: 9.579 ng
RT: 11.01 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BG039166.D
Acq: 16 Jan 2019 20:54

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9AMS

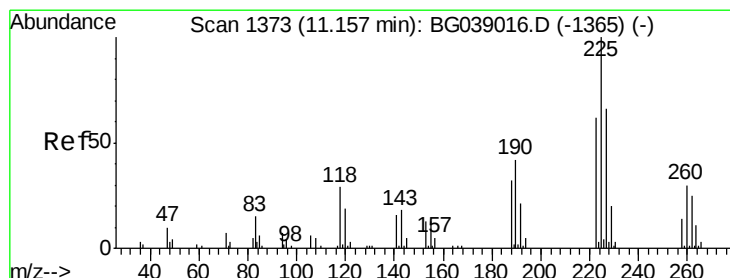
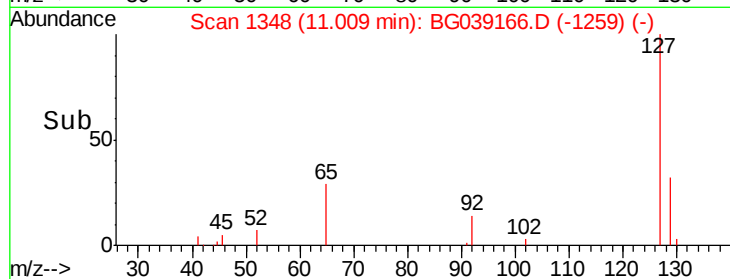
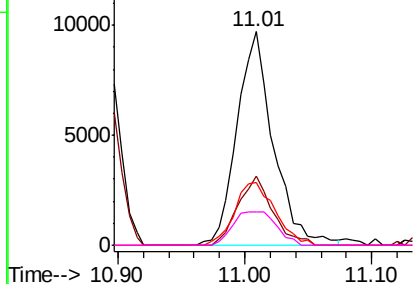
Tot Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.4	38.0
65	29.6	25.4	38.0
92	15.7	15.2	22.8

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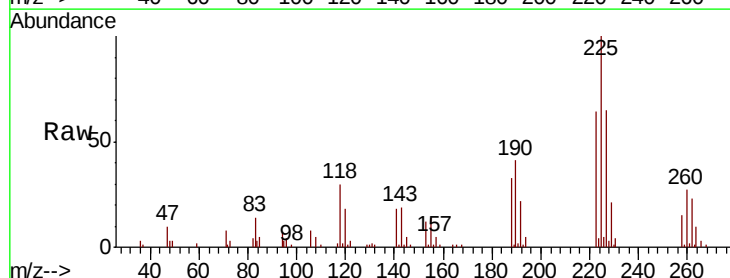


Abundance Ion 127.00 (126.70 to 127.70): E
15000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

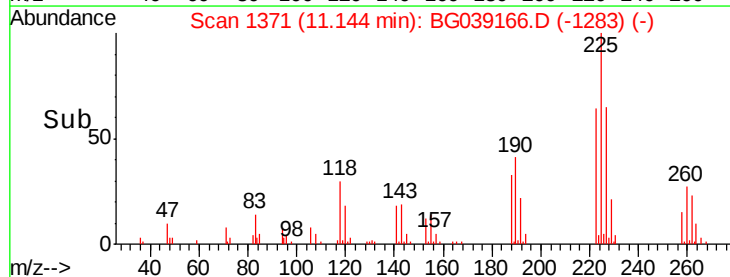
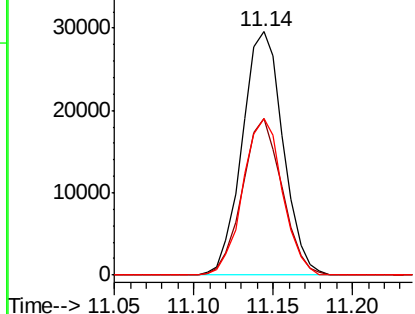


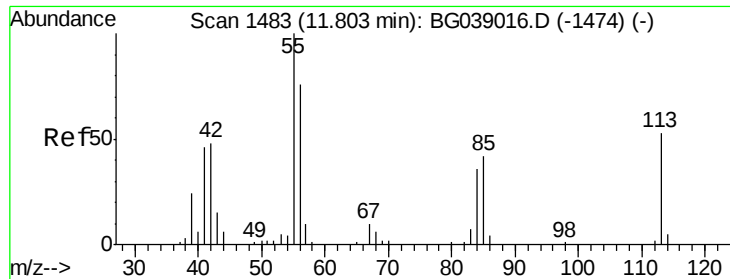
#34
Hexachlorobutadiene
Concen: 40.928 ng
RT: 11.14 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BG039166.D
Acq: 16 Jan 2019 20:54

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.1	50.2	75.4
227	61.5	53.2	79.8



Abundance Ion 225.00 (224.70 to 225.70): E
40000
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 36.174 ng/mL

RT: 11.78 min Scan# 1480

Delta R.T. -0.02 min

Lab File: BG039166.D

Acq: 16 Jan 2019 20:54

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9AMS

Tot Ion:113 Resp: 22706

Ion Ratio Lower Upper

113 100

55 186.9 168.6 208.6

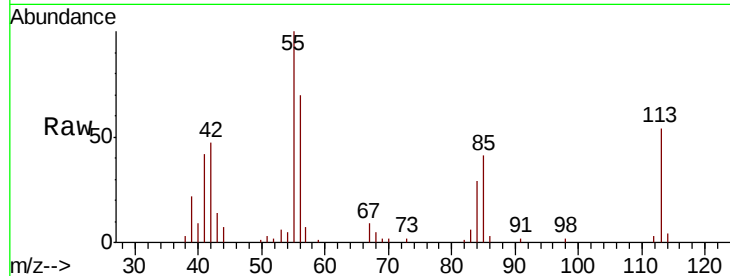
56 130.6 123.2 163.2

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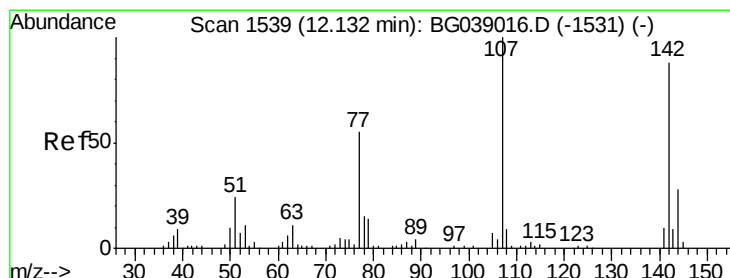
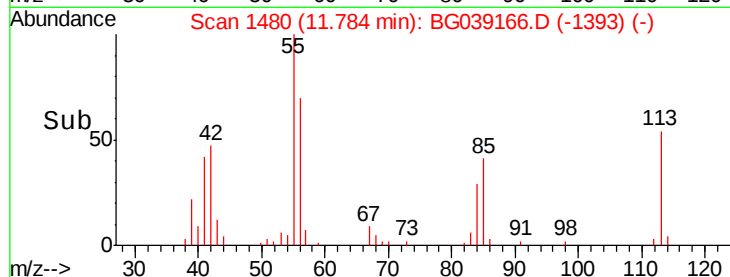
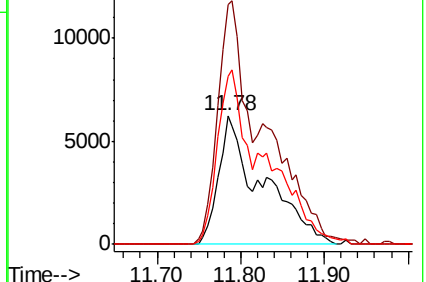
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 42.562 ng/mL

RT: 12.13 min Scan# 1538

Delta R.T. -0.01 min

Lab File: BG039166.D

Acq: 16 Jan 2019 20:54

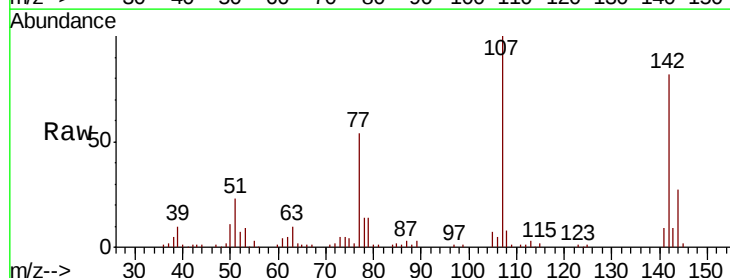
Tgt Ion:107 Resp: 71256

Ion Ratio Lower Upper

107 100

144 26.7 22.6 34.0

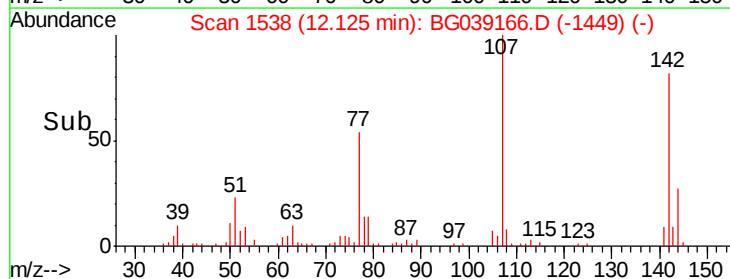
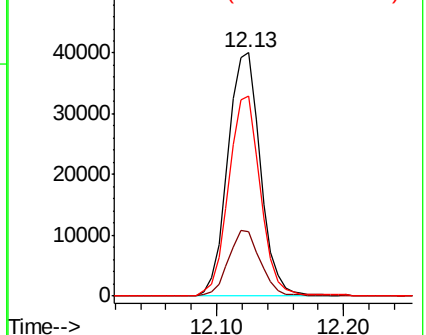
142 82.3 70.2 105.4

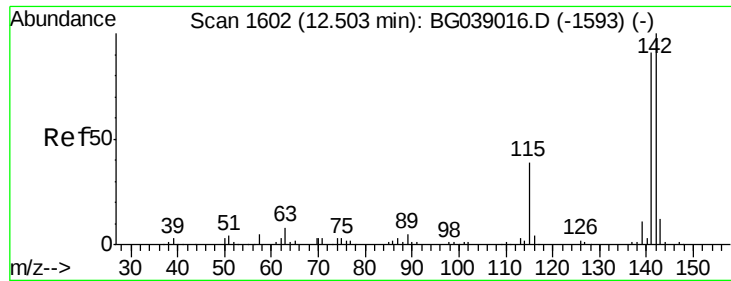


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





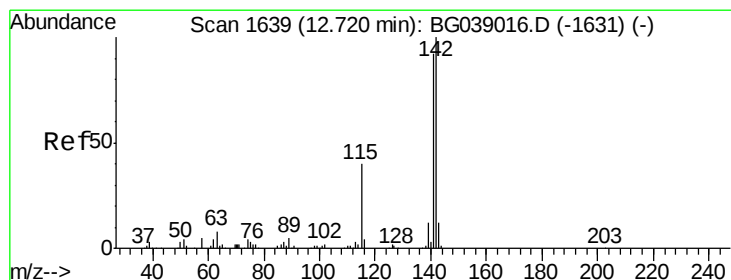
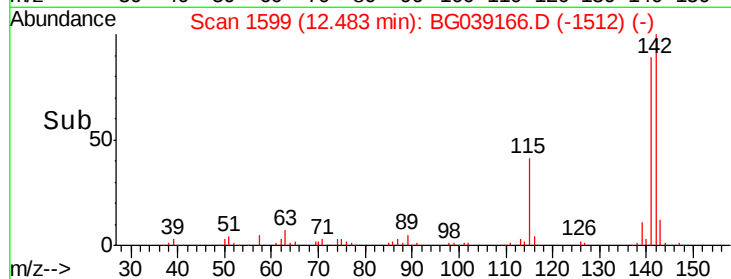
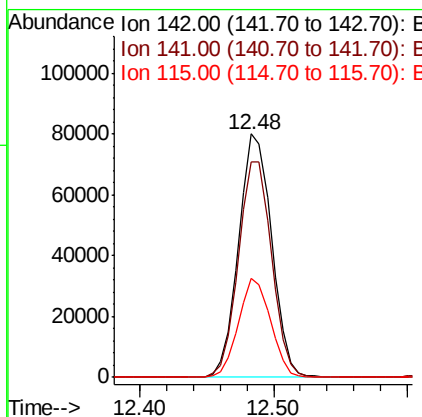
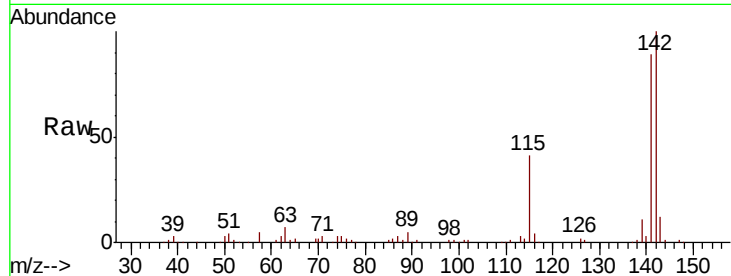
#37
2-Methylnaphthalene
Concen: 40.641 ng
RT: 12.48 min Scan# 1599
Delta R.T. -0.02 min
Lab File: BG039166.D
Acq: 16 Jan 2019 20:54

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9AMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	72.6	109.0
115	40.9	31.1	46.7

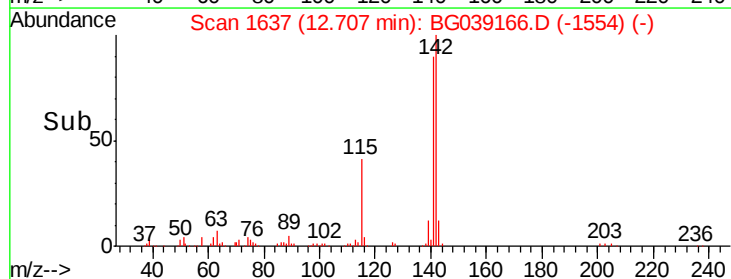
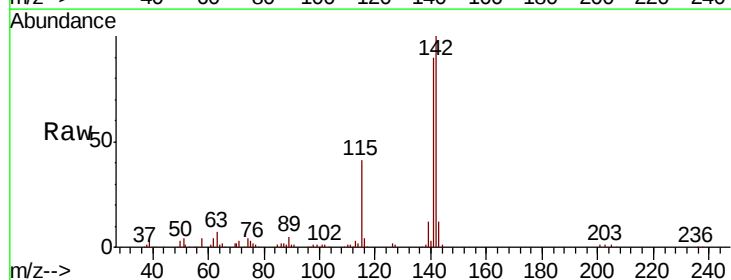
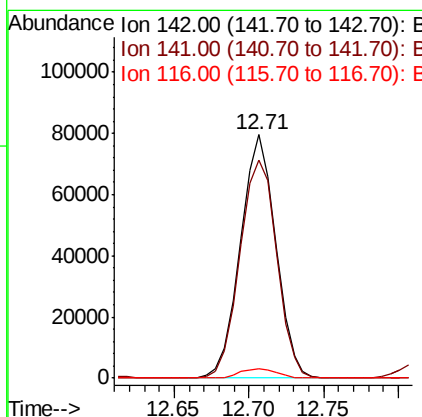
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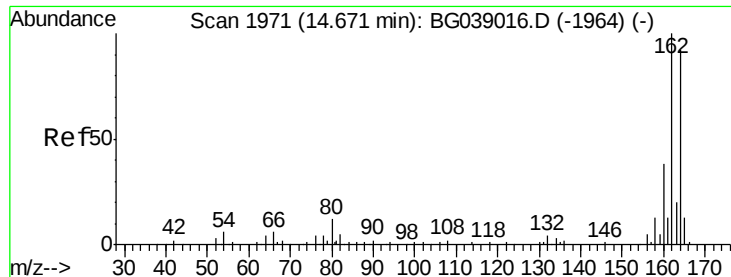
Sohil
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#38
1-Methylnaphthalene
Concen: 40.253 ng
RT: 12.71 min Scan# 1637
Delta R.T. -0.01 min
Lab File: BG039166.D
Acq: 16 Jan 2019 20:54

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.7	73.3	109.9
116	4.1	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BG039166.D

Acq: 16 Jan 2019 20:54

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9AMS

Tot Ion:164 Resp: 63354

Ion Ratio Lower Upper

164 100

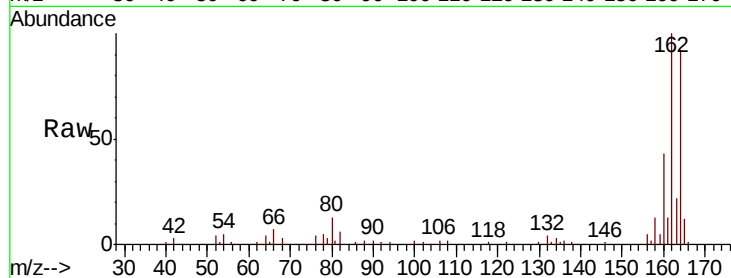
162 108.1 87.2 130.8

160 46.2 33.3 49.9

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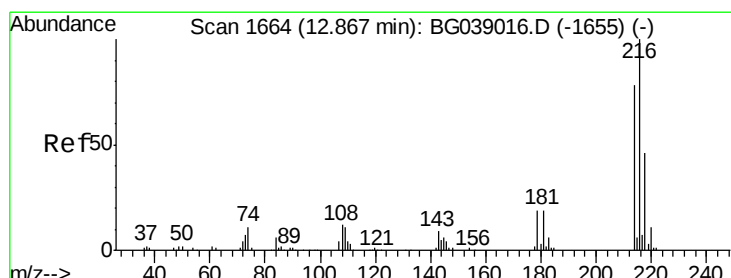
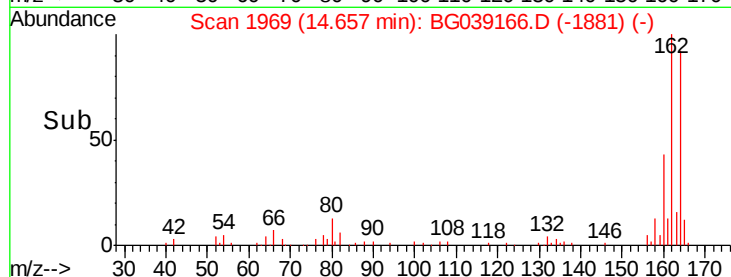
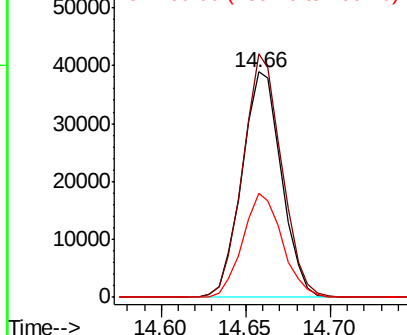


Abundance

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: 37.083 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.02 min

Lab File: BG039166.D

Acq: 16 Jan 2019 20:54

Tgt Ion:216 Resp: 88231

Ion Ratio Lower Upper

216 100

214 80.4 63.4 95.2

179 19.8 15.5 23.3

108 15.5 11.4 17.2

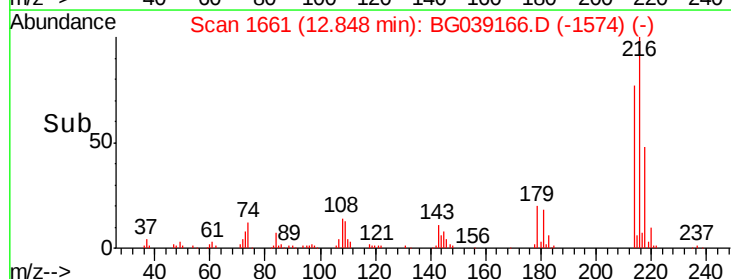
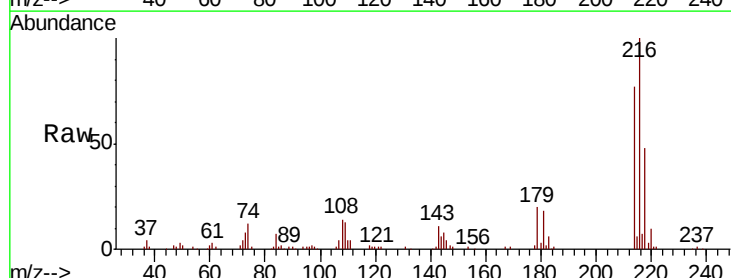
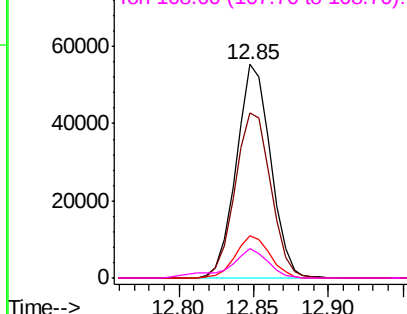
Abundance

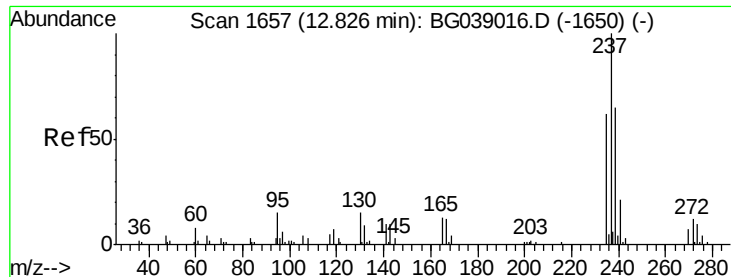
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 63.914 ng

RT: 12.81 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BG039166.D

Acq: 16 Jan 2019 20:54

Instrument :

BNA_G

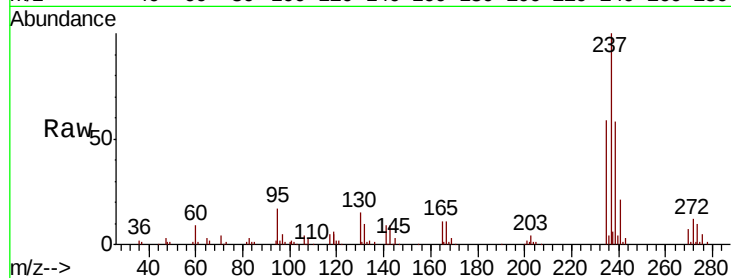
ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9AMS

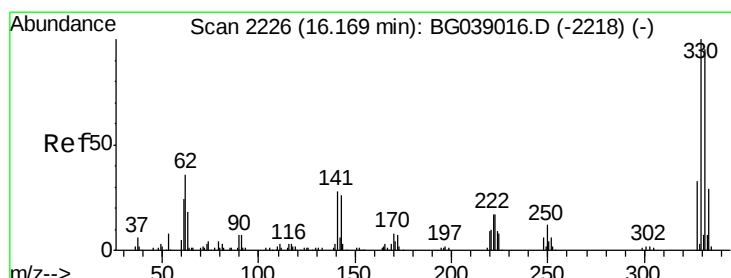
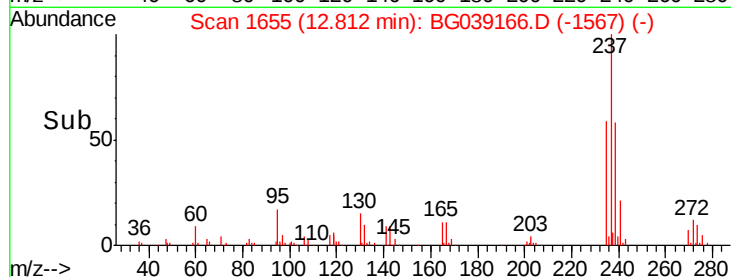
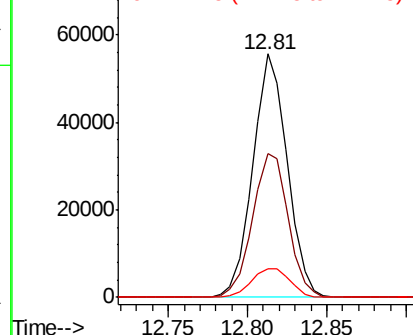
Tot Ion:	237	Resp:	83983
Ion Ratio	Lower	Upper	
237	100		
235	59.2	41.7	81.7
272	11.9	0.0	32.1

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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: 128.794 ng

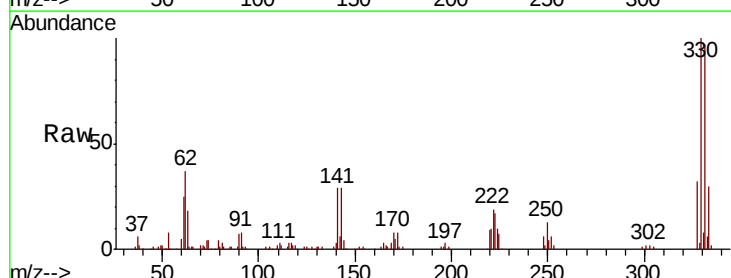
RT: 16.16 min Scan# 2224

Delta R.T. -0.01 min

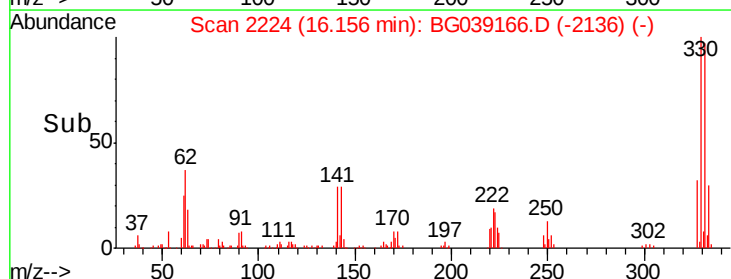
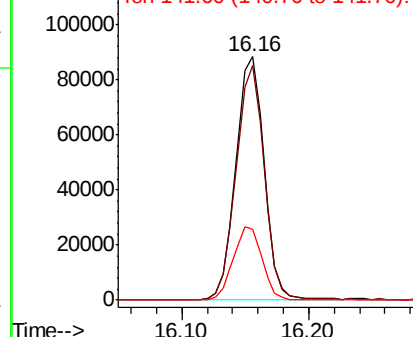
Lab File: BG039166.D

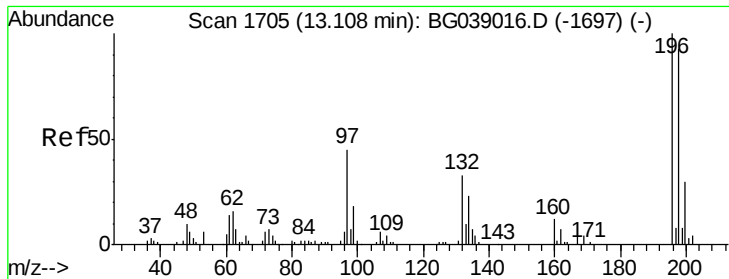
Acq: 16 Jan 2019 20:54

Tgt Ion:	330	Resp:	136778
Ion Ratio	Lower	Upper	
330	100		
332	96.0	75.7	113.5
141	30.5	24.9	37.3



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





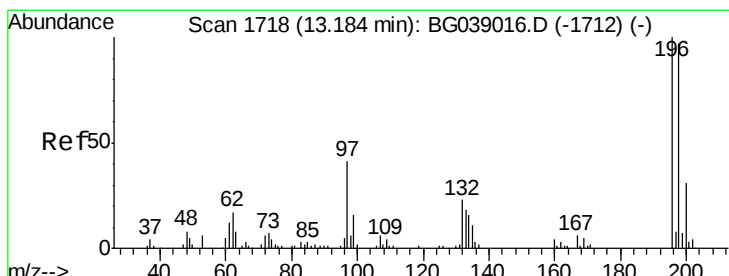
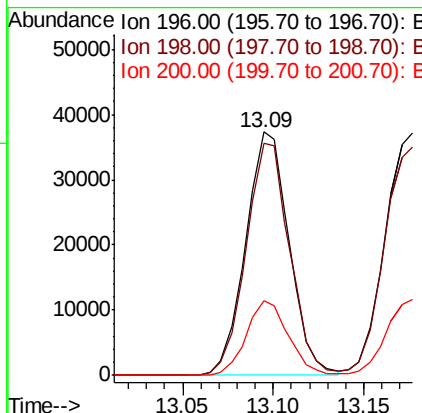
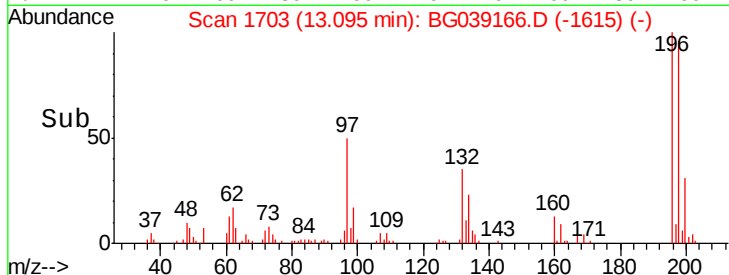
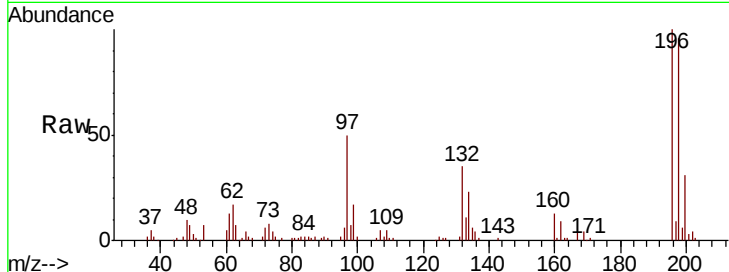
#43
 2,4,6-Trichlorophenol
 Concen: 41.522 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG039166.D
 Acq: 16 Jan 2019 20:54

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-D9-E9-D9A-E9AMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	62179		
198	95.5	74.5	111.7	
200	30.8	23.8	35.6	

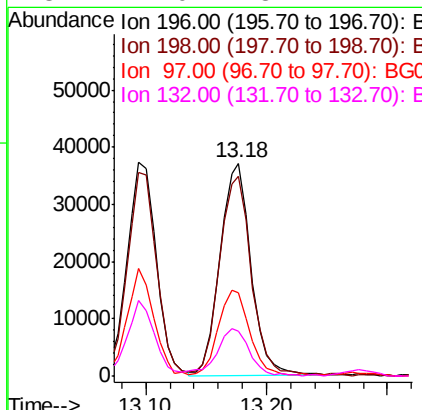
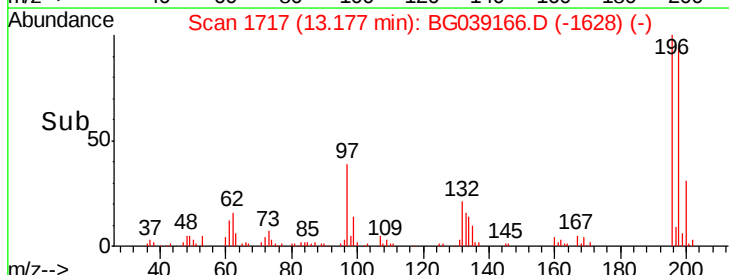
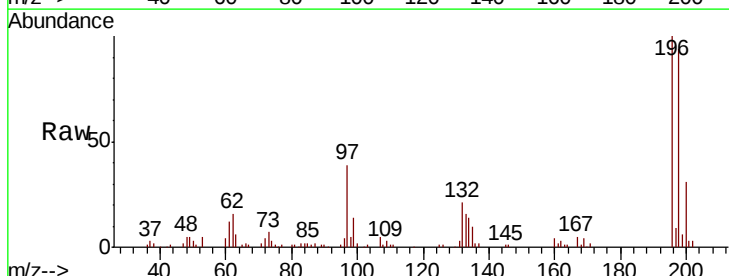
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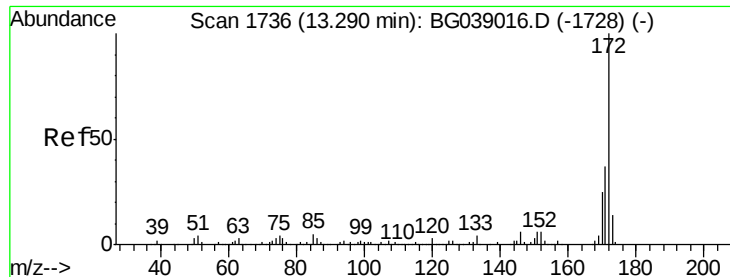
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#44
 2,4,5-Trichlorophenol
 Concen: 41.358 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG039166.D
 Acq: 16 Jan 2019 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	65458		
198	94.2	78.1	117.1	
97	39.0	33.2	49.8	
132	21.0	18.2	27.4	





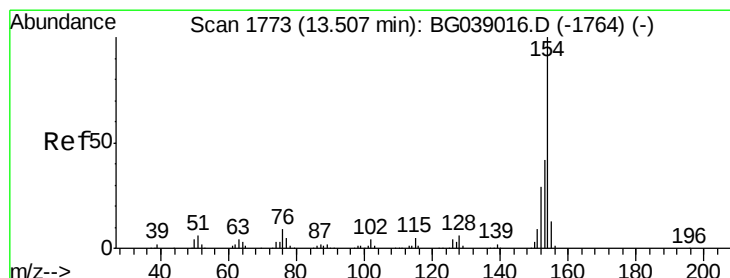
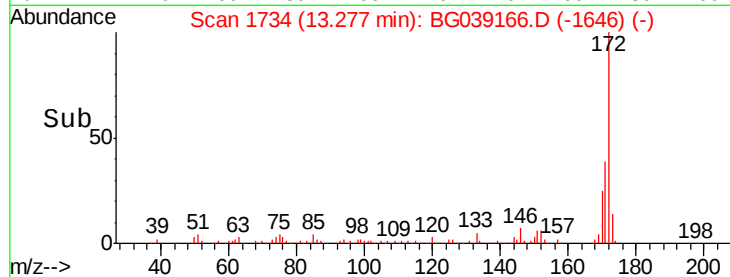
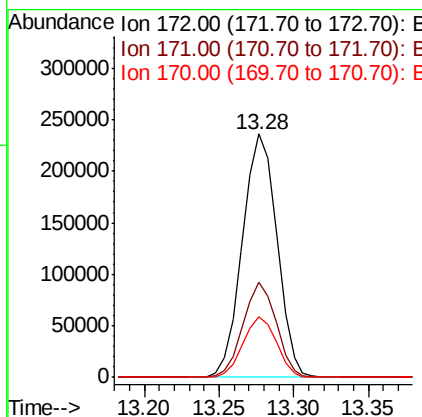
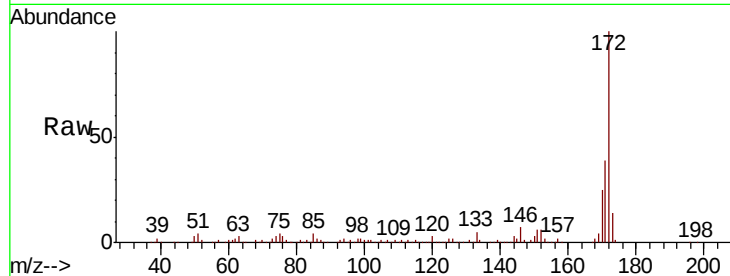
#45
 2-Fluorobiphenyl
 Concen: 81.825 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG039166.D
 Acq: 16 Jan 2019 20:54

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-D9-E9-D9A-E9AMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.9	29.4	44.0
170	24.9	20.1	30.1

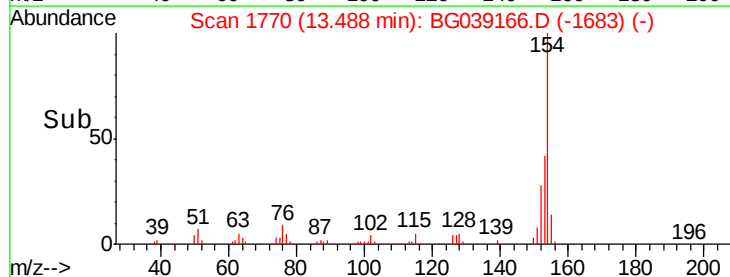
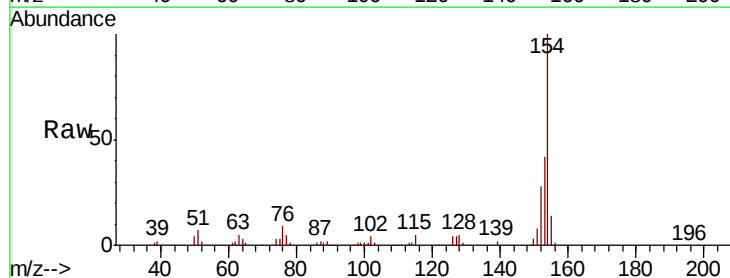
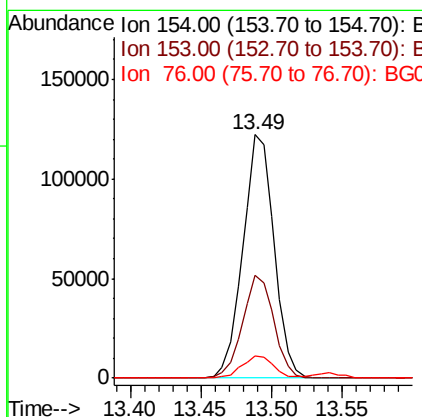
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#46
 1,1'-Biphenyl
 Concen: 37.586 ng
 RT: 13.49 min Scan# 1770
 Delta R.T. -0.02 min
 Lab File: BG039166.D
 Acq: 16 Jan 2019 20:54

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.0	22.4	62.4
76	9.2	0.0	29.4





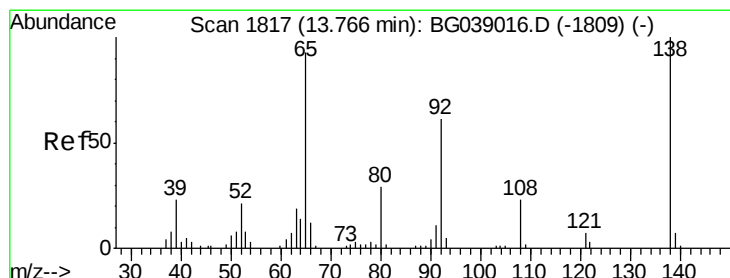
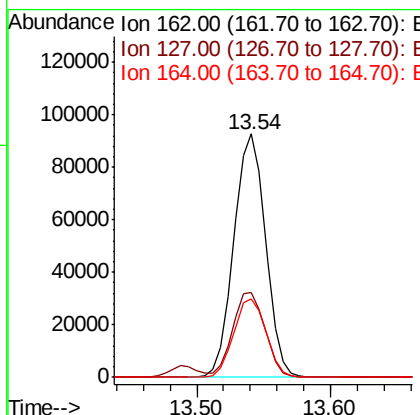
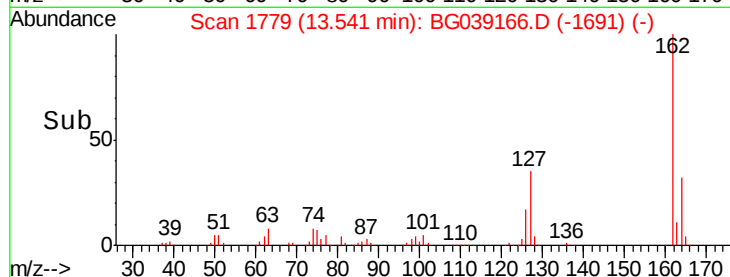
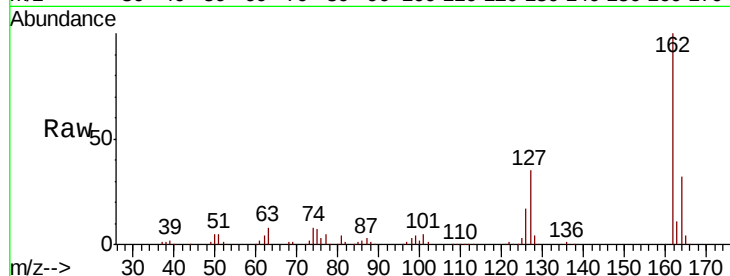
#47
 2-Chloronaphthalene
 Concen: 37.588 ng
 RT: 13.54 min Scan# 1779
 Delta R.T. -0.01 min
 Lab File: BG039166.D
 Acq: 16 Jan 2019 20:54

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-D9-E9-D9A-E9AMS

Tot Ion	Ratio	Lower	Upper
162	100		
127	35.1	28.4	42.6
164	32.4	26.3	39.5

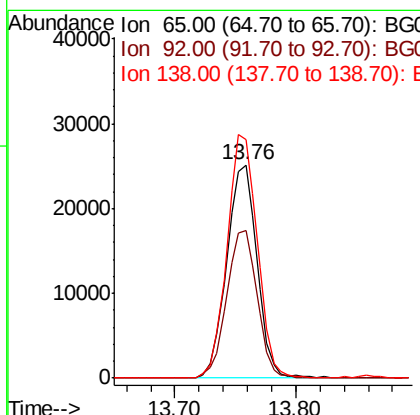
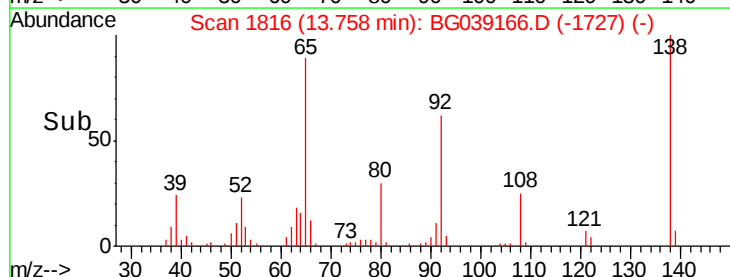
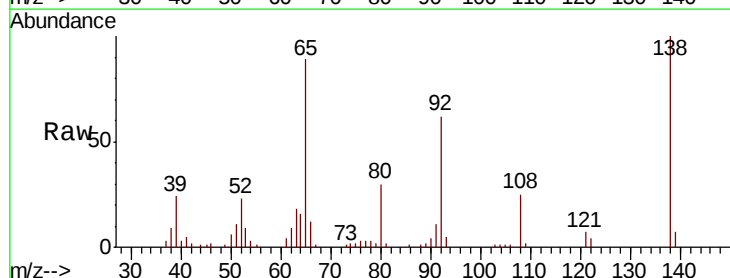
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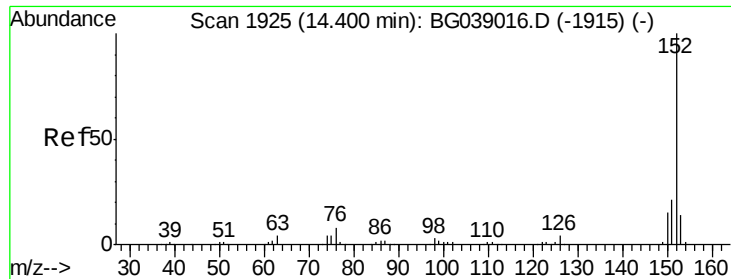
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#48
 2-Nitroaniline
 Concen: 38.565 ng
 RT: 13.76 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: BG039166.D
 Acq: 16 Jan 2019 20:54

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.2	52.2	78.4
138	112.0	86.0	129.0





#49

Acenaphthylene

Concen: 40.714 ng

RT: 14.39 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BG039166.D

Acq: 16 Jan 2019 20:54

Instrument :

BNA_G

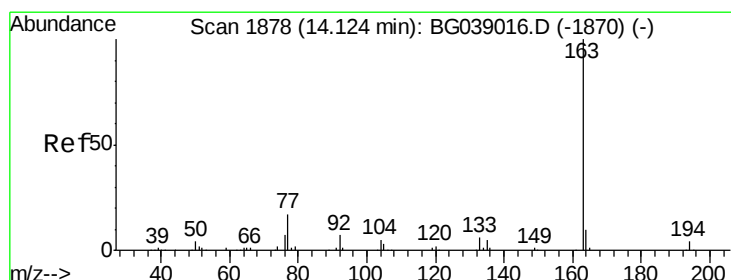
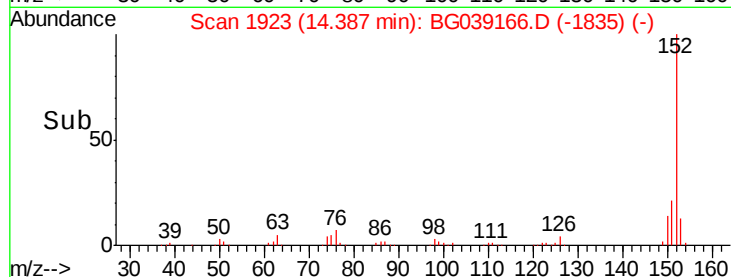
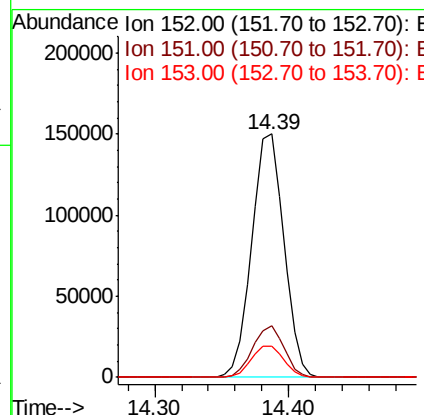
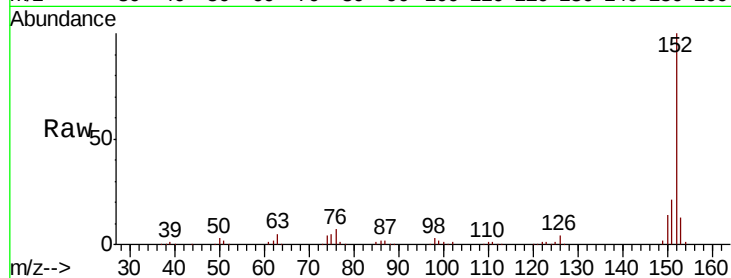
ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9AMS

Tot Ion:	152	Resp:	248599
Ion Ratio	Lower	Upper	
152	100		
151	21.1	17.0	25.4
153	12.7	11.2	16.8

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#50

Dimethylphthalate

Concen: 58.083 ng

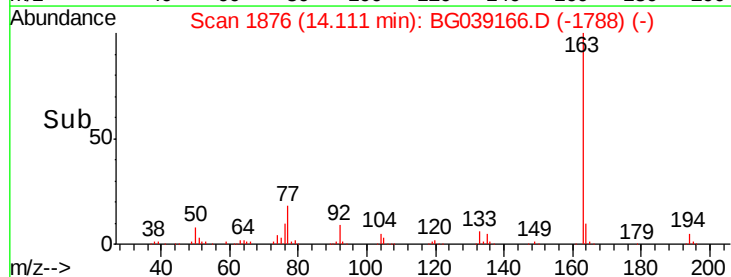
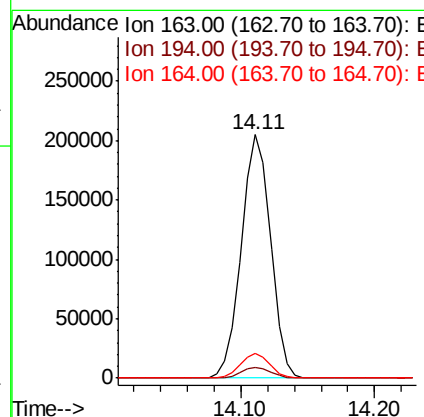
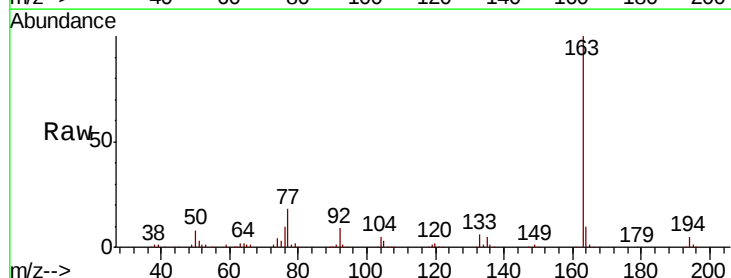
RT: 14.11 min Scan# 1876

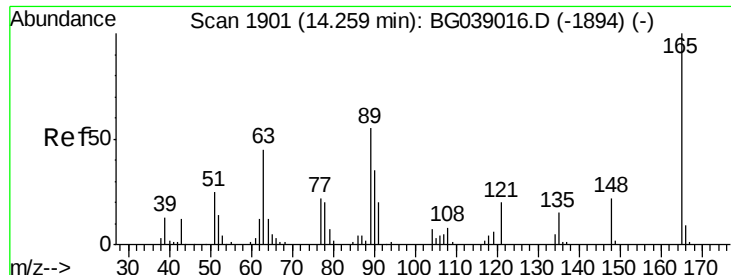
Delta R.T. -0.01 min

Lab File: BG039166.D

Acq: 16 Jan 2019 20:54

Tgt Ion:	163	Resp:	310958
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.6	5.4
164	10.0	8.2	12.2





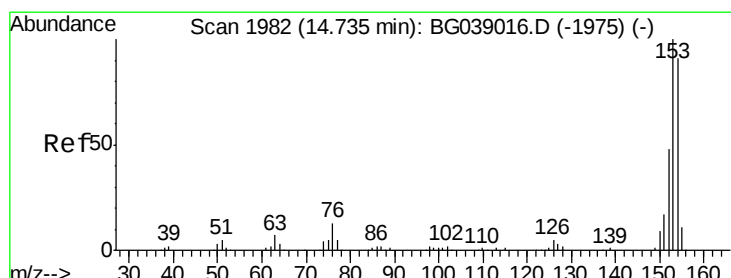
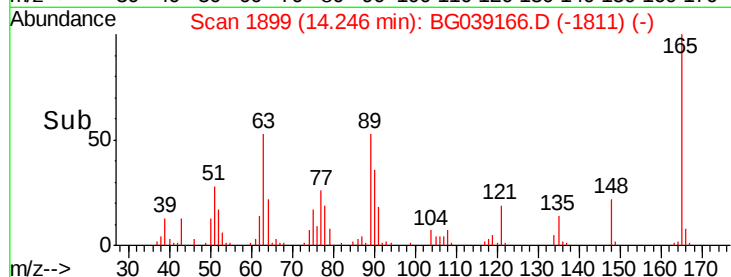
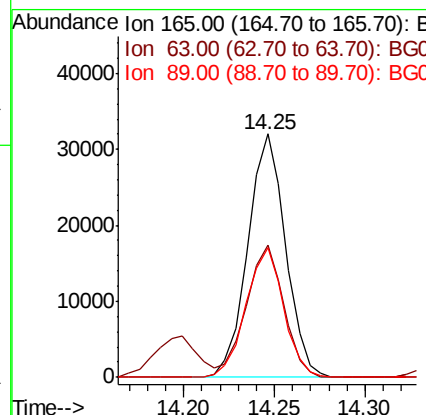
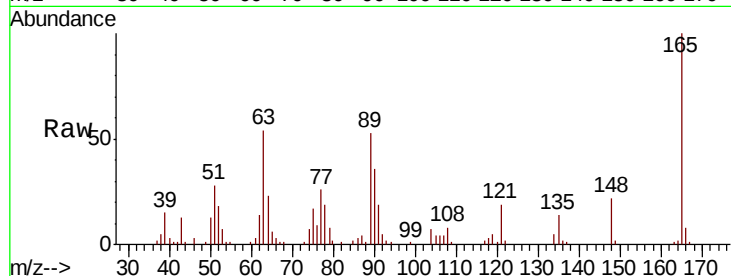
#51
 2,6-Dinitrotoluene
 Concen: 38.610 ng
 RT: 14.25 min Scan# 1899
 Delta R.T. -0.01 min
 Lab File: BG039166.D
 Acq: 16 Jan 2019 20:54

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-D9-E9-D9A-E9AMS

Tot Ion	Ratio	Lower	Upper
165	100		
63	54.2	43.6	65.4
89	53.1	43.7	65.5

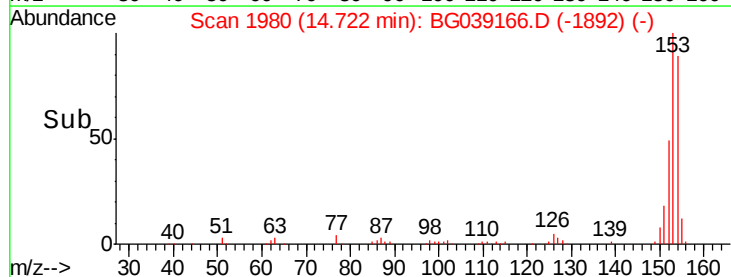
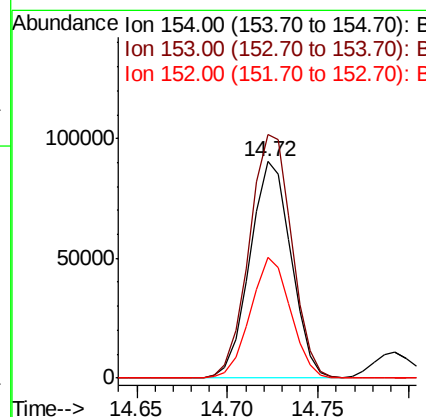
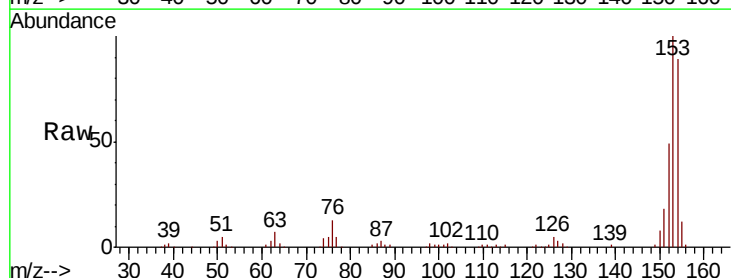
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#52
 Acenaphthene
 Concen: 38.957 ng
 RT: 14.72 min Scan# 1980
 Delta R.T. -0.01 min
 Lab File: BG039166.D
 Acq: 16 Jan 2019 20:54

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.6	87.9	131.9
152	55.7	42.2	63.2





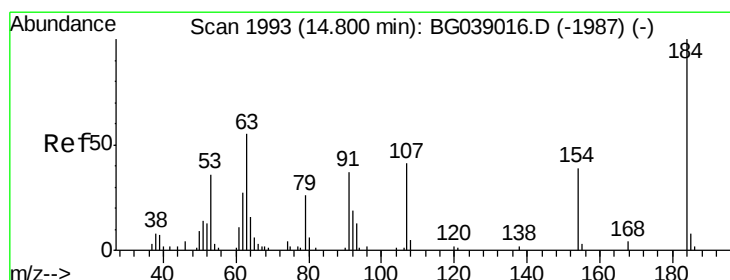
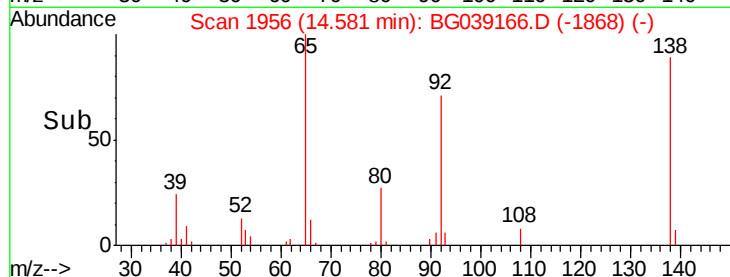
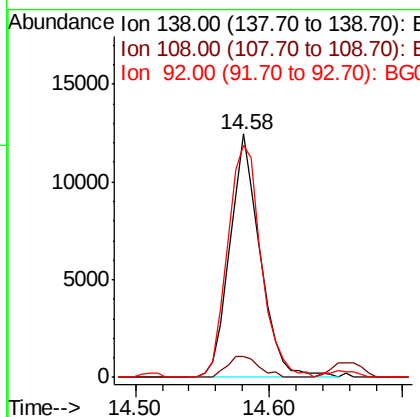
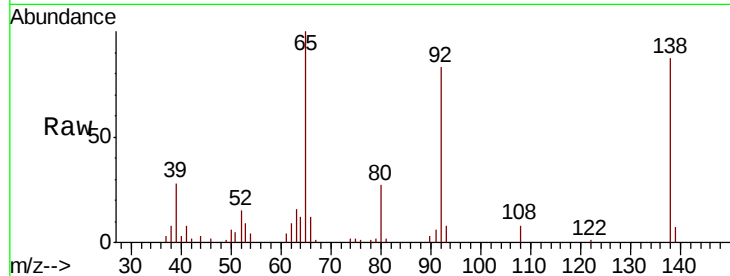
#53
3-Nitroaniline
Concen: 16.245 ng
RT: 14.58 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG039166.D
Acq: 16 Jan 2019 20:54

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9AMS

Tot Ion	Ratio	Lower	Upper
138	100		
108	8.8	7.4	11.0
92	95.1	88.2	132.4

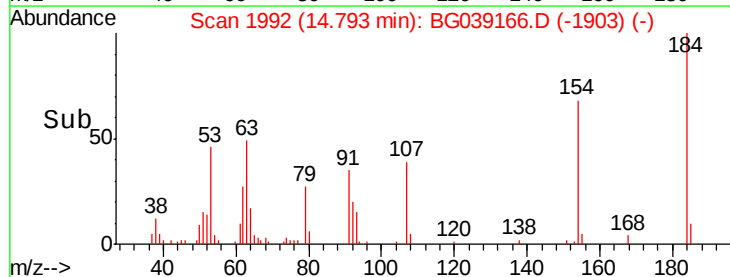
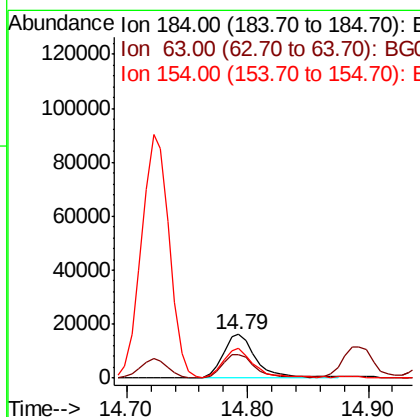
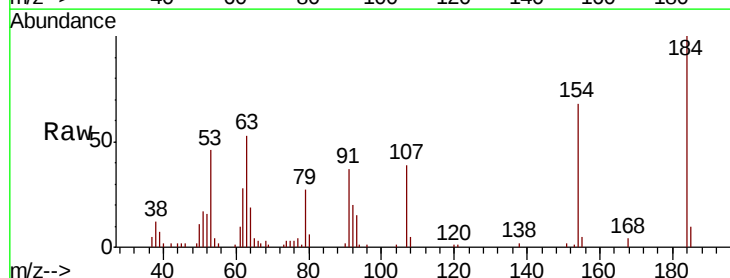
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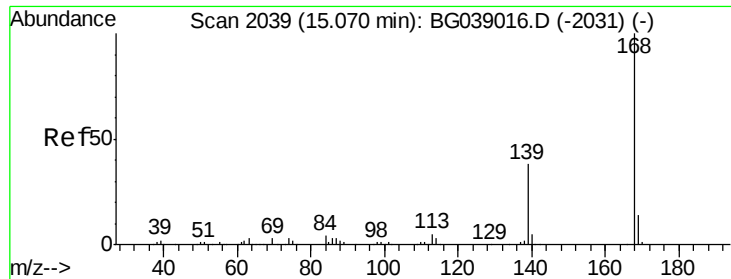
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#54
2,4-Dinitrophenol
Concen: 45.497 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BG039166.D
Acq: 16 Jan 2019 20:54

Tgt Ion	Ratio	Lower	Upper
184	100		
63	53.0	44.0	66.0
154	68.3	46.1	69.1





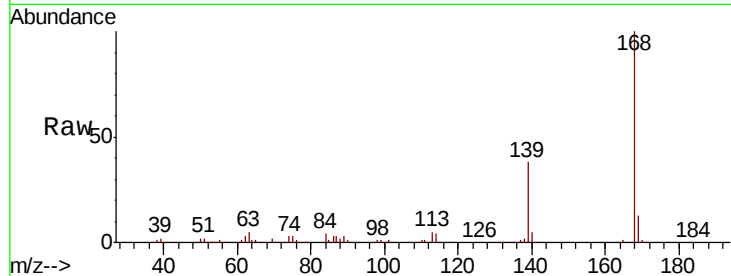
#55
Dibenzenofuran
Concen: 39.939 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BG039166.D
Acq: 16 Jan 2019 20:54

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9AMS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.7	30.1	45.1
169	13.4	10.9	16.3

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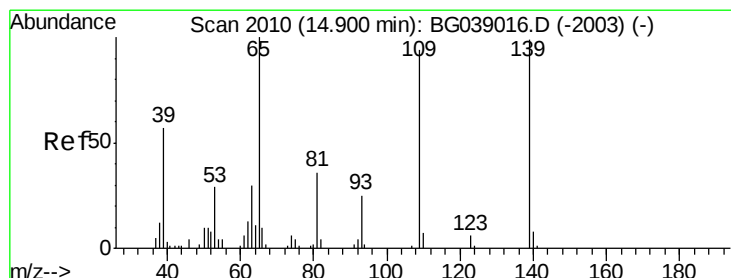
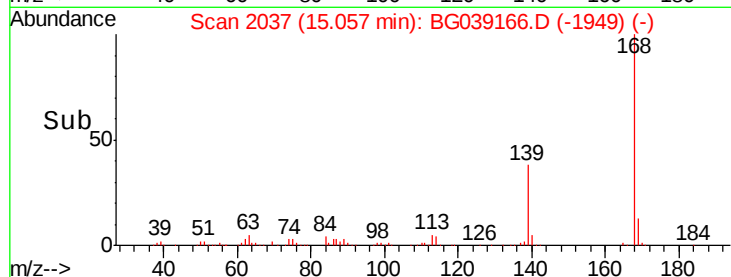
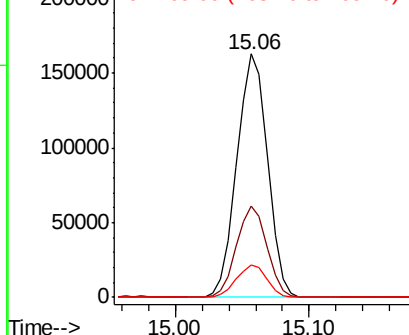


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 73.785 ng
RT: 14.89 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG039166.D
Acq: 16 Jan 2019 20:54

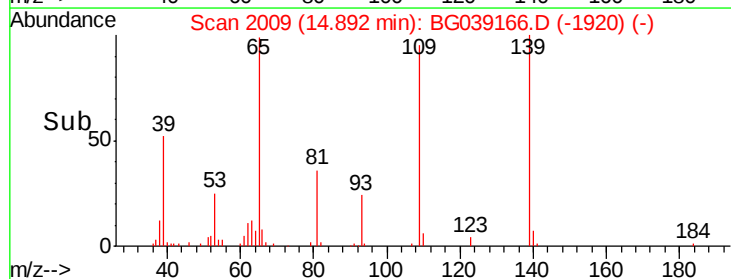
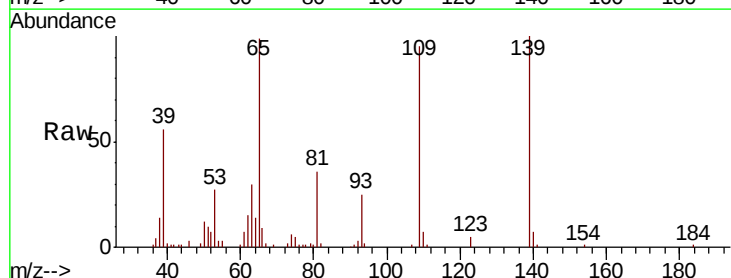
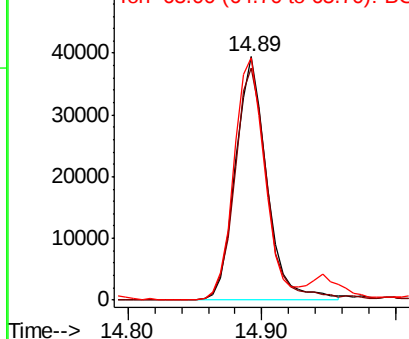
Tgt Ion	Ratio	Lower	Upper
139	100		
109	95.3	75.6	115.6
65	99.3	81.2	121.2

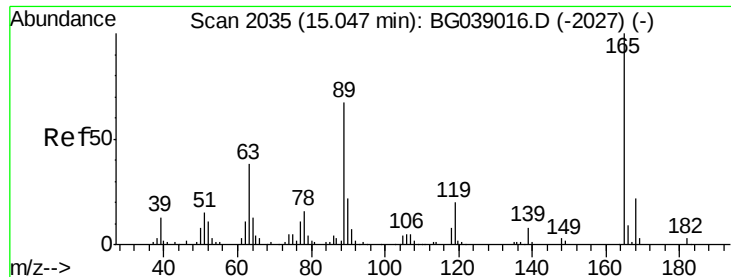
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGO





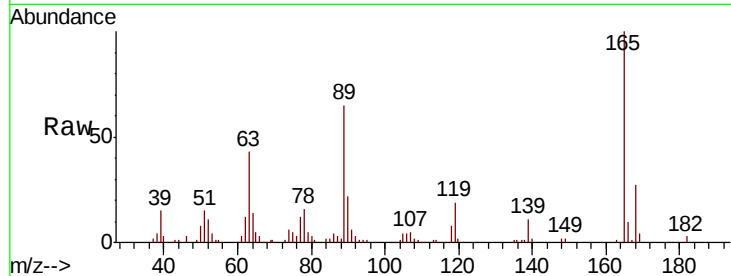
#57
2,4-Dinitrotoluene
Concen: 38.766 ng
RT: 15.03 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BG039166.D
Acq: 16 Jan 2019 20:54

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9AMS

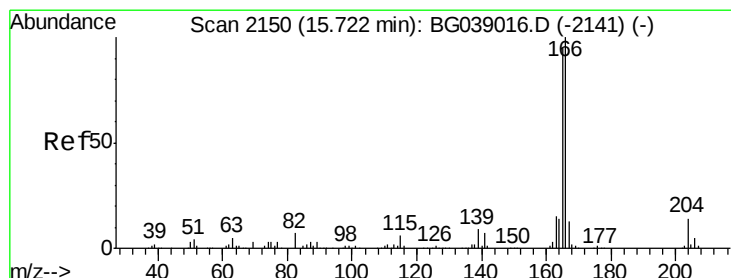
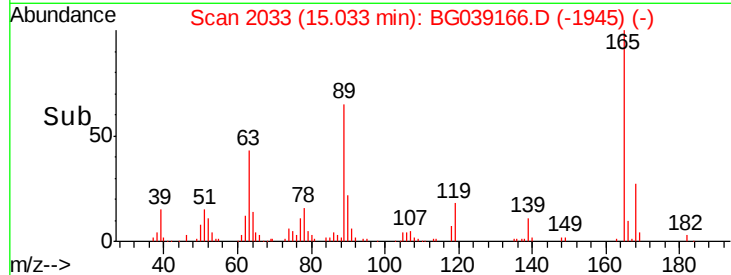
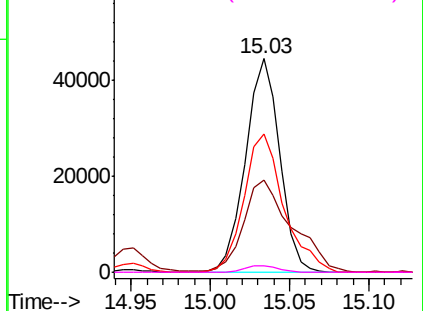
Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		66571		
63	43.2	30.2	45.4		
89	65.0	53.2	79.8		
182	2.9	2.7	4.1		

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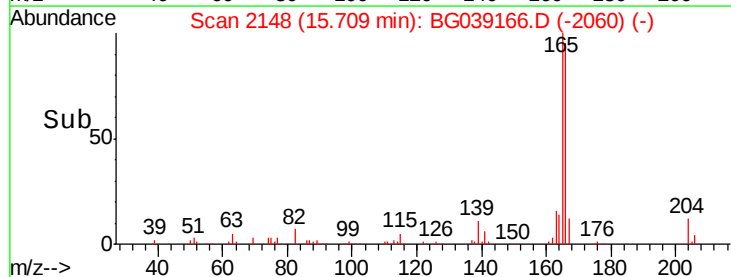
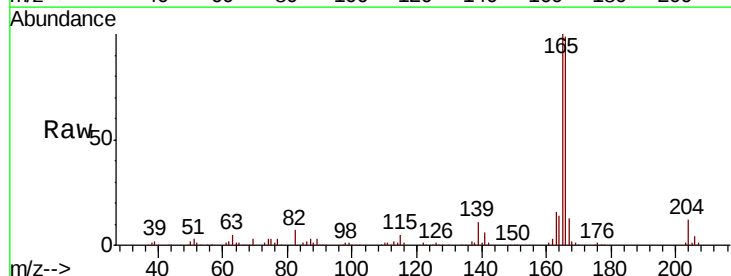
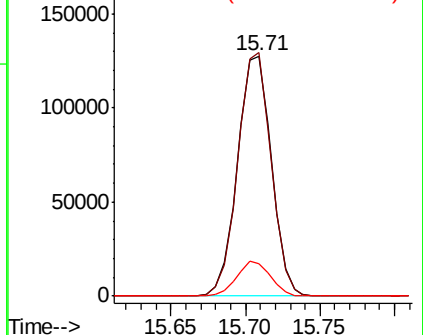
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

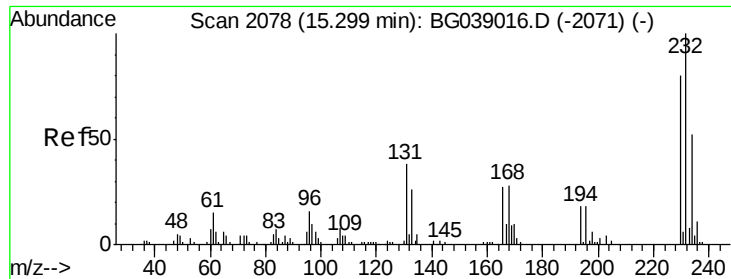


#58
Fluorene
Concen: 41.225 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.01 min
Lab File: BG039166.D
Acq: 16 Jan 2019 20:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		201055		
165	101.5	76.2	114.2		
167	13.6	10.6	16.0		

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





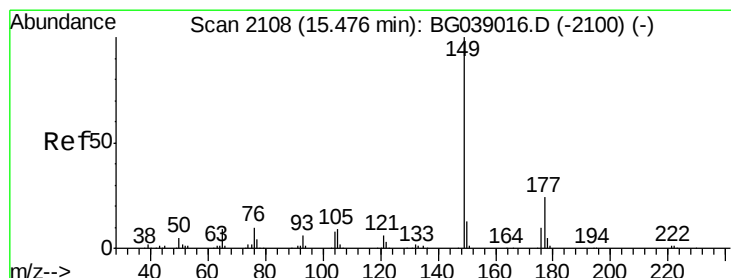
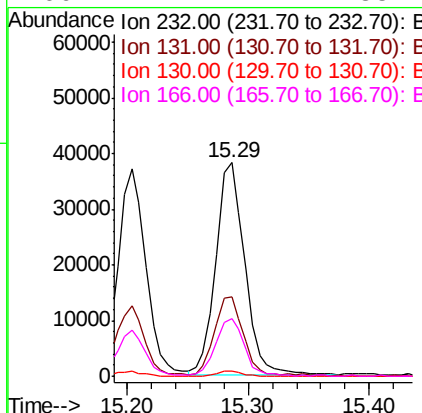
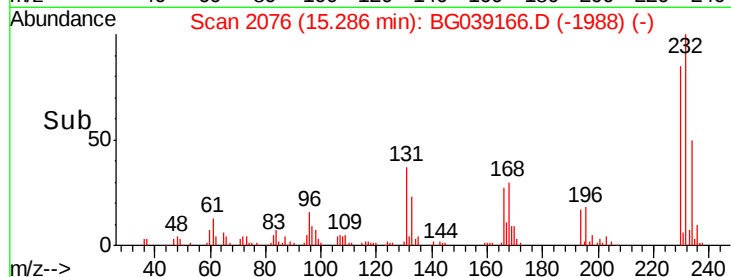
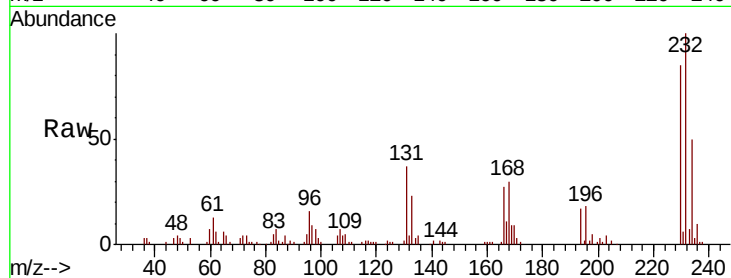
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.315 ng
RT: 15.29 min Scan# 2076
Delta R.T. -0.01 min
Lab File: BG039166.D
Acq: 16 Jan 2019 20:54

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9AMS

Tot Ion	Ratio	Lower	Upper
232	100		
131	38.4	30.9	46.3
130	2.1	1.9	2.9
166	27.1	22.1	33.1

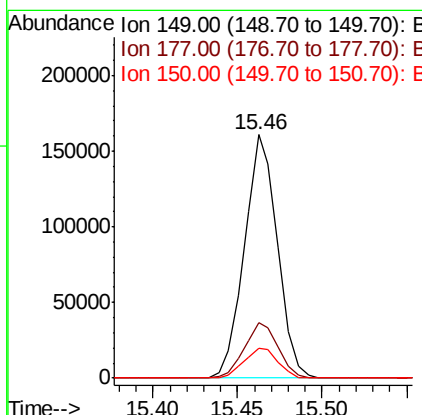
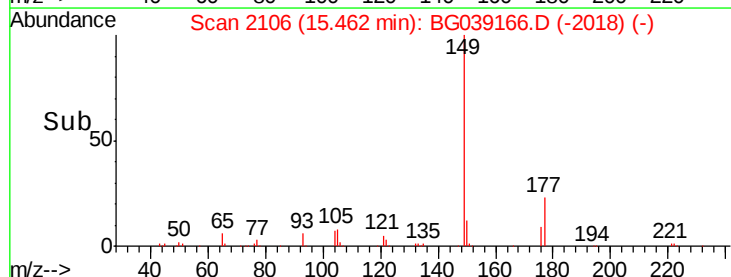
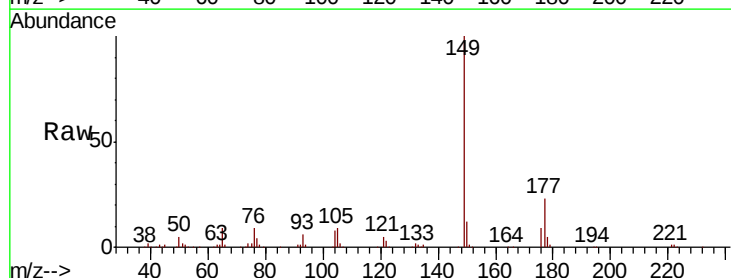
Manual Integrations
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#60
Diethylphthalate
Concen: 39.434 ng
RT: 15.46 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BG039166.D
Acq: 16 Jan 2019 20:54

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.6	19.0	28.6
150	12.5	10.2	15.4





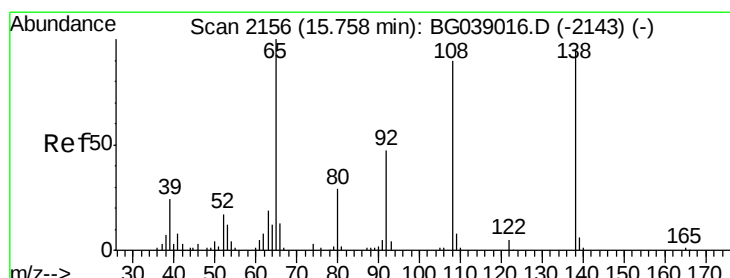
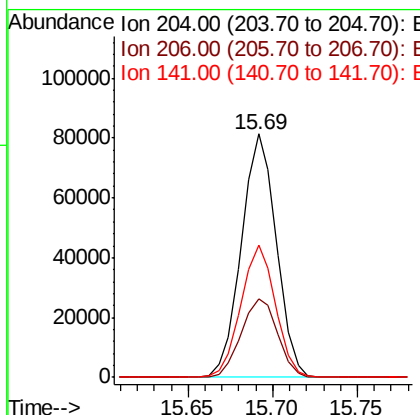
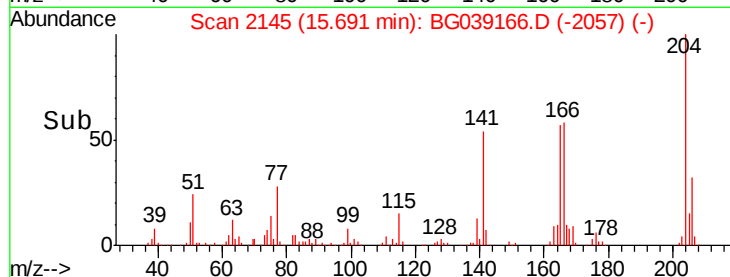
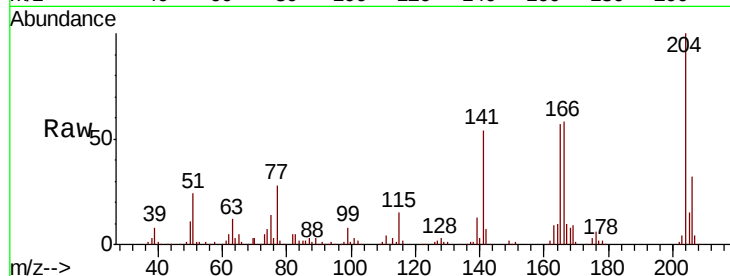
#61
4-Chlorophenyl-phenylether
Concen: 38.174 ng
RT: 15.69 min Scan# 2145
Delta R.T. -0.01 min
Lab File: BG039166.D
Acq: 16 Jan 2019 20:54

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9AMS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.6	39.8
141	54.3	41.4	62.0

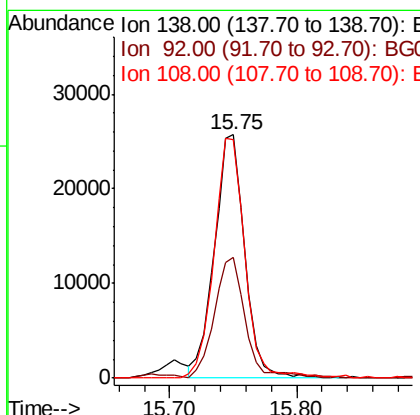
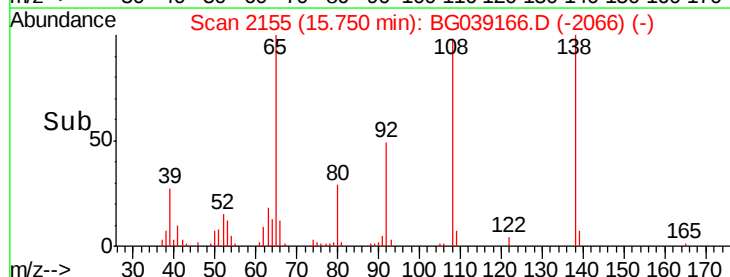
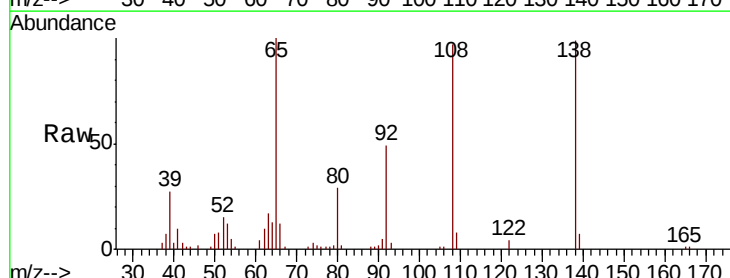
Manual Integrations
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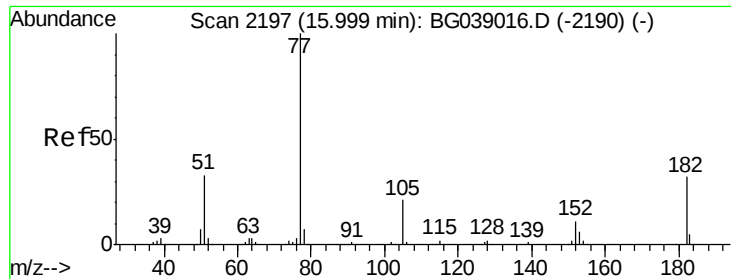
Sohil
1/17/2019 2:09:14 PM



#62
4-Nitroaniline
Concen: 33.983 ng
RT: 15.75 min Scan# 2155
Delta R.T. -0.01 min
Lab File: BG039166.D
Acq: 16 Jan 2019 20:54

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.4	29.7	69.7
108	98.0	75.7	115.7





#63

Azobenzene

Concen: 37.633 ng

RT: 15.99 min Scan# 2195

Delta R.T. -0.01 min

Lab File: BG039166.D

Acq: 16 Jan 2019 20:54

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9AMS

Tot Ion: 77 Resp: 162336

Ion Ratio Lower Upper

77 100

182 34.7 12.2 52.2

105 20.9 1.2 41.2

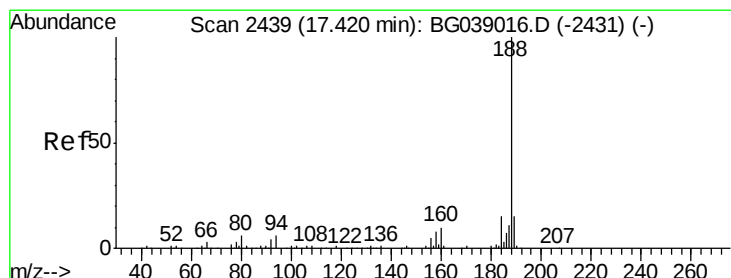
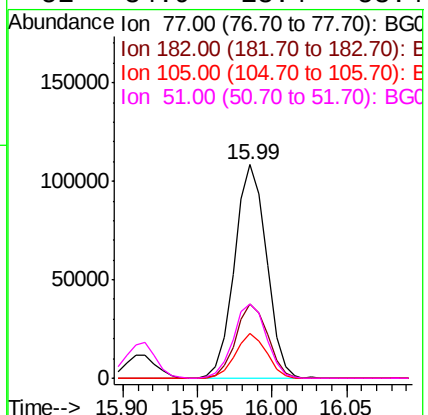
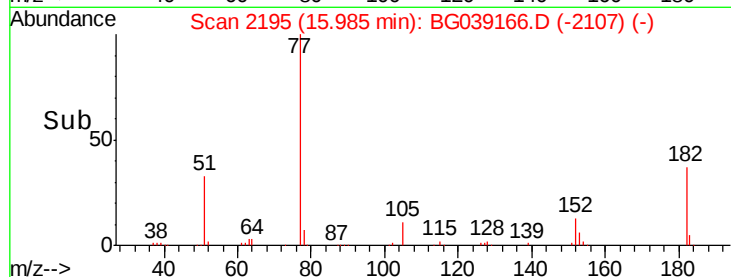
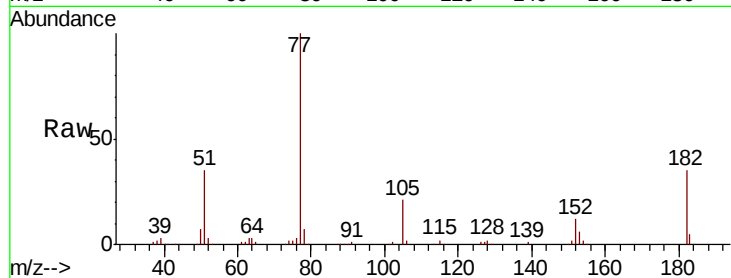
51 34.9 13.4 53.4

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#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2437

Delta R.T. -0.01 min

Lab File: BG039166.D

Acq: 16 Jan 2019 20:54

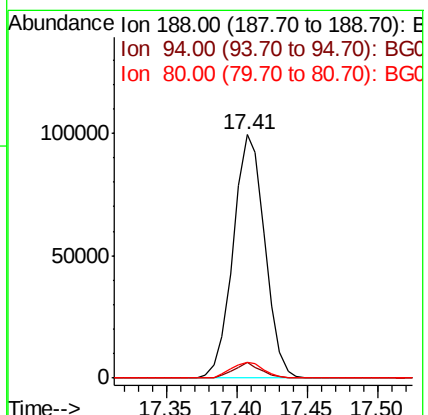
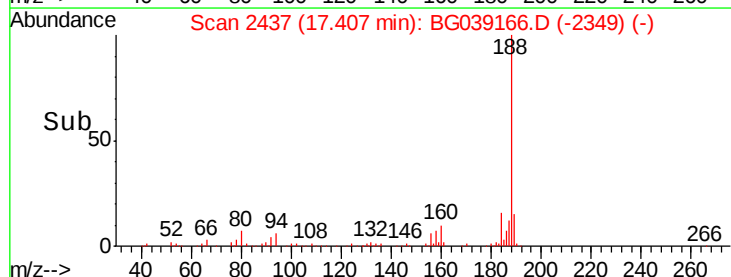
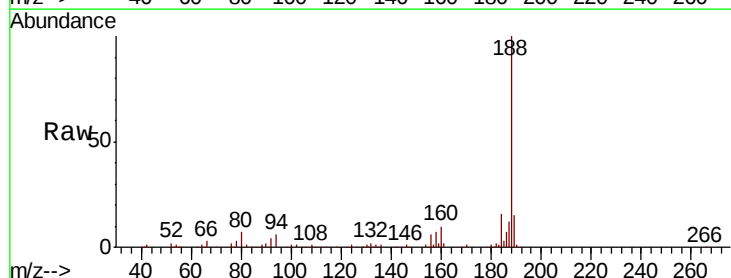
Tgt Ion: 188 Resp: 154797

Ion Ratio Lower Upper

188 100

94 6.5 5.0 7.4

80 6.7 4.7 7.1





#65

4,6-Dinitro-2-methylphenol

Concen: 29.559 ng

RT: 15.79 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BG039166.D

Acq: 16 Jan 2019 20:54

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9AMS

Tot Ion:198 Resp: 33899

Ion Ratio Lower Upper

198 100

51 40.9 20.8 60.8

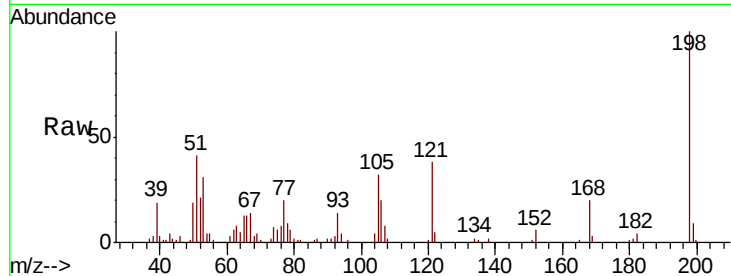
105 32.0 16.1 56.1

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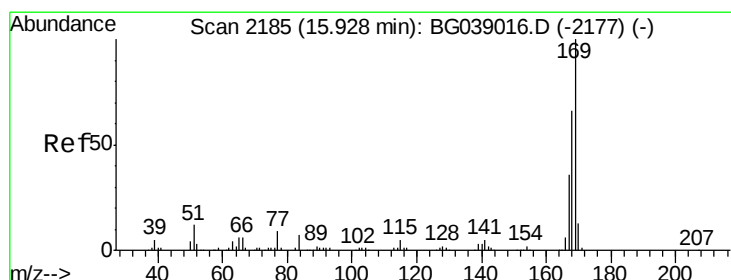
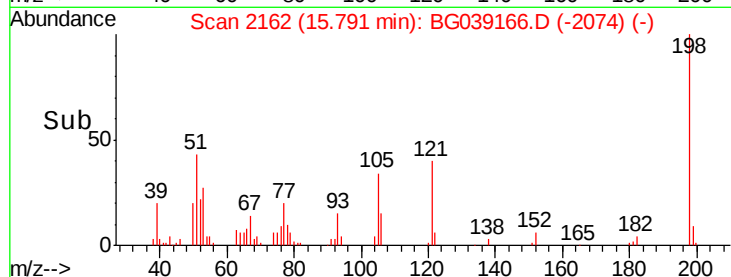
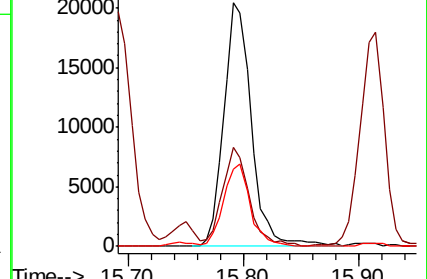
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.125 ng

RT: 15.91 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BG039166.D

Acq: 16 Jan 2019 20:54

Tgt Ion:169 Resp: 184131

Ion Ratio Lower Upper

169 100

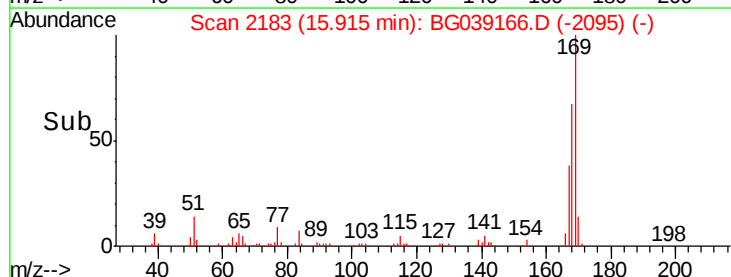
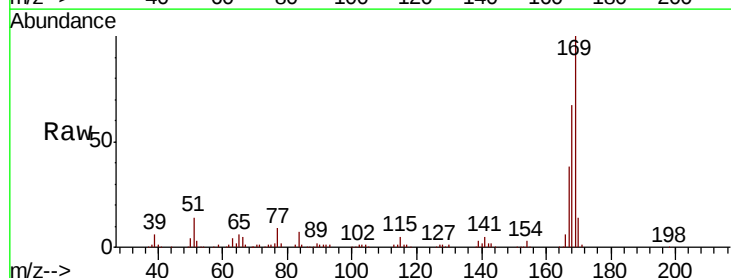
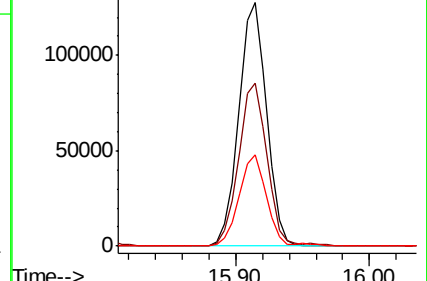
168 67.1 53.2 79.8

167 37.7 29.1 43.7

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





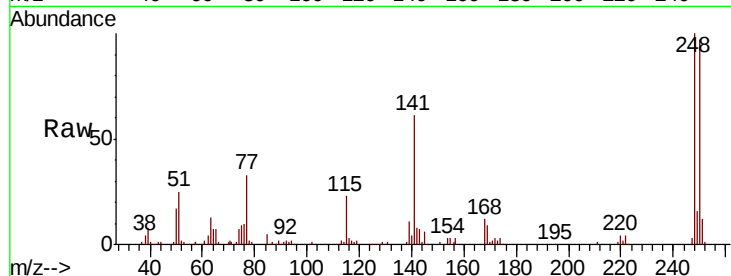
#67
 4-Bromophenyl-phenylether
 Concen: 40.229 ng
 RT: 16.59 min Scan# 2298
 Delta R.T. -0.01 min
 Lab File: BG039166.D
 Acq: 16 Jan 2019 20:54

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-D9-E9-D9A-E9AMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.0	79.9	119.9
141	61.5	52.7	79.1

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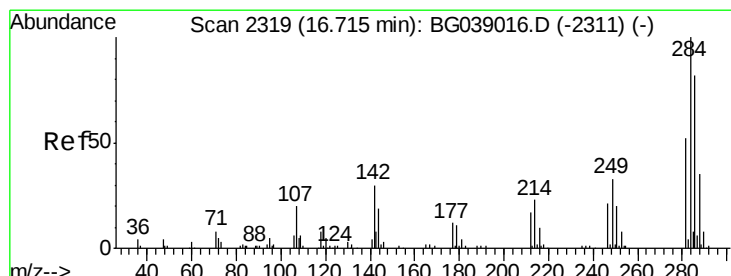
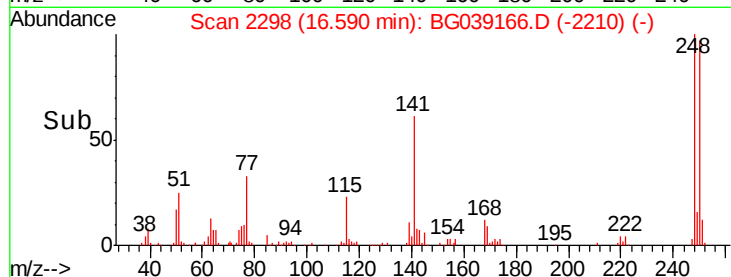
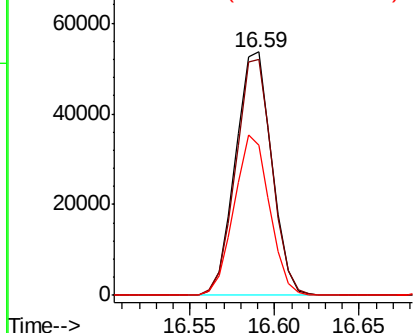


Abundance

Ion 248.00 (247.70 to 248.70): E

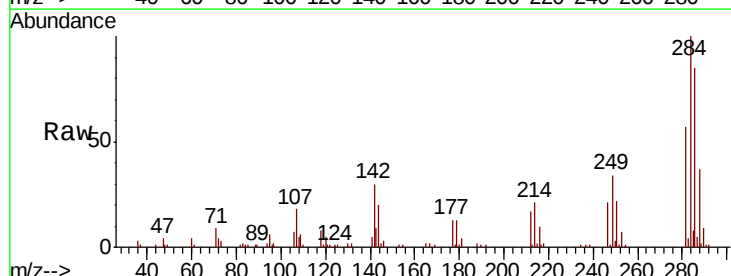
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 38.798 ng
 RT: 16.70 min Scan# 2317
 Delta R.T. -0.01 min
 Lab File: BG039166.D
 Acq: 16 Jan 2019 20:54

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.7	24.3	36.5
249	37.1	27.8	41.8

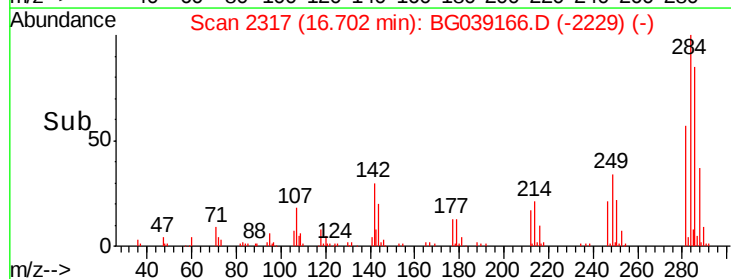
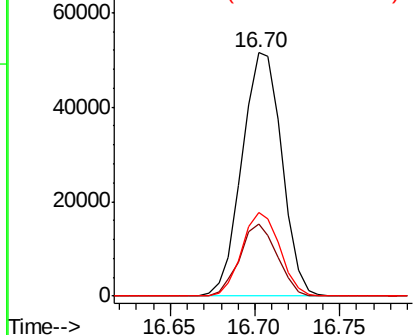


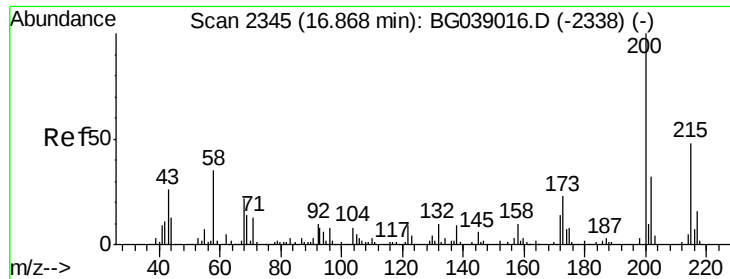
Abundance

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





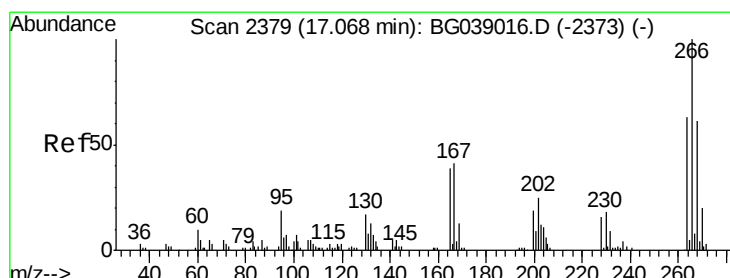
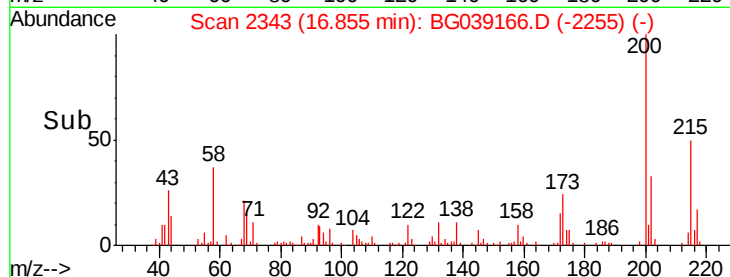
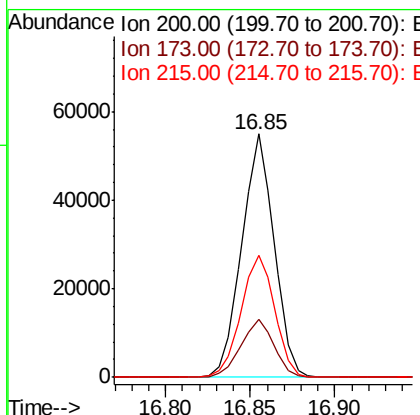
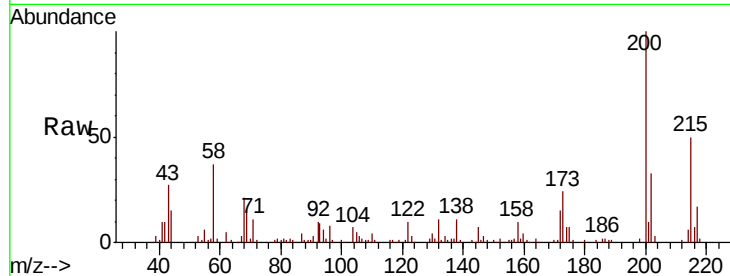
#69
 Atrazine
 Concen: 37.570 ng
 RT: 16.85 min Scan# 2343
 Delta R.T. -0.01 min
 Lab File: BG039166.D
 Acq: 16 Jan 2019 20:54

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-D9-E9-D9A-E9AMS

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.0	2.6	42.6
215	50.2	28.0	68.0

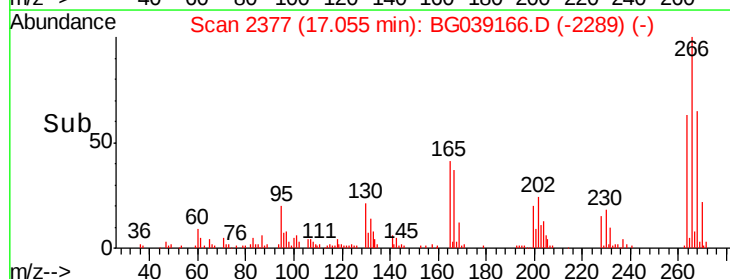
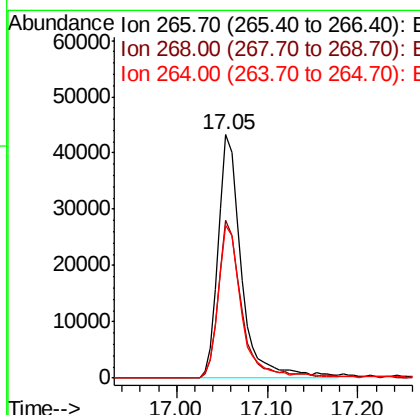
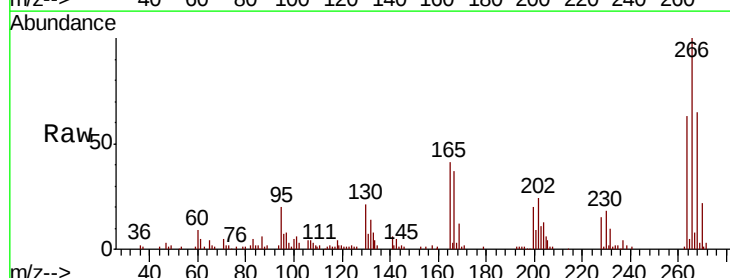
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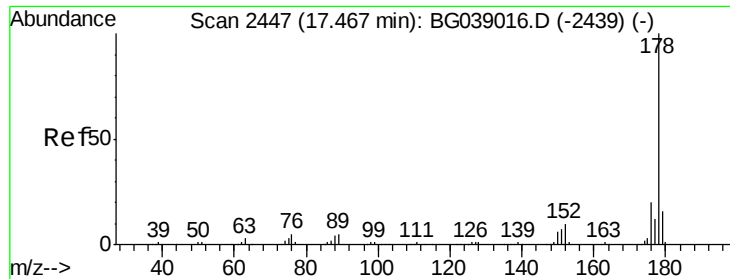
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#70
 Pentachlorophenol
 Concen: 58.951 ng
 RT: 17.05 min Scan# 2377
 Delta R.T. -0.01 min
 Lab File: BG039166.D
 Acq: 16 Jan 2019 20:54

Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.4	52.0	78.0
264	67.5	54.6	81.8





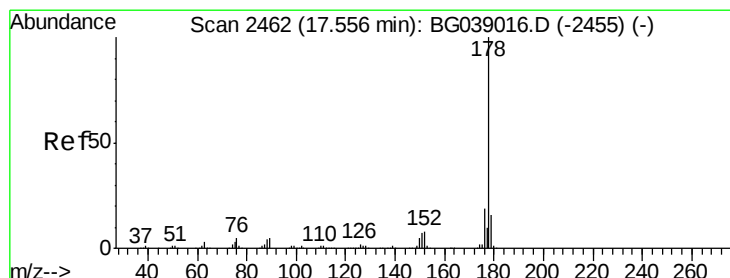
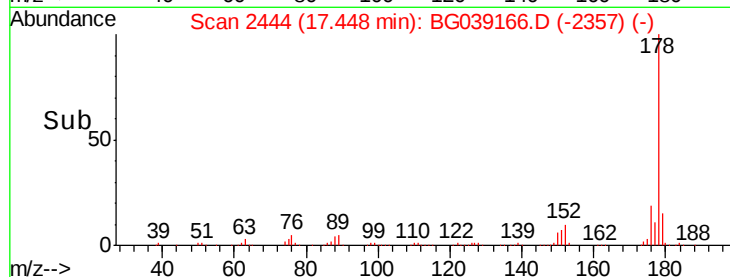
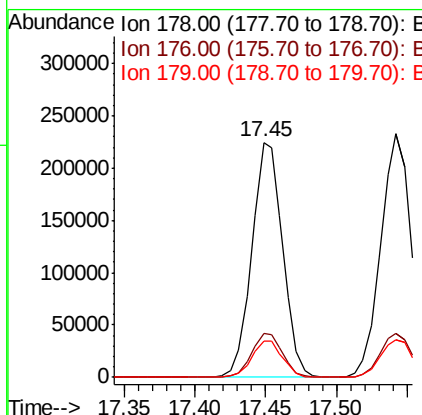
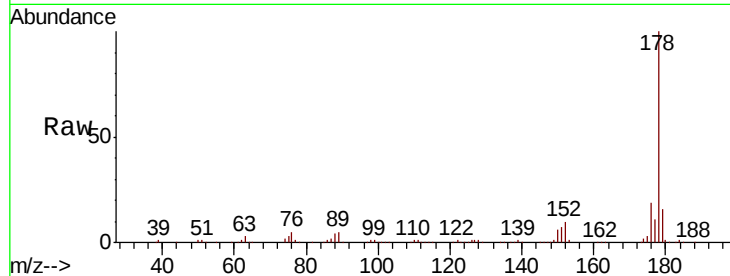
#71
Phenanthrene
Concen: 42.053 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.02 min
Lab File: BG039166.D
Acq: 16 Jan 2019 20:54

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9AMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.7	23.5
179	15.5	12.9	19.3

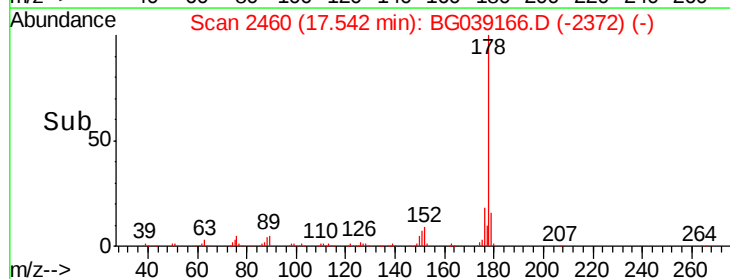
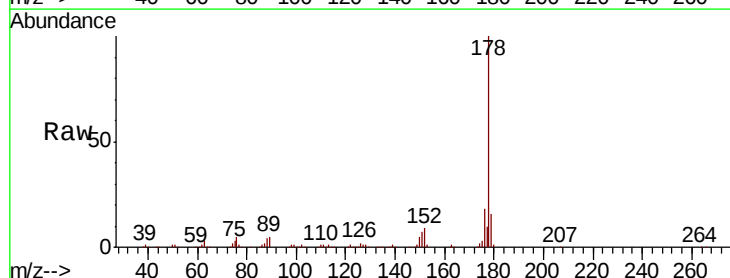
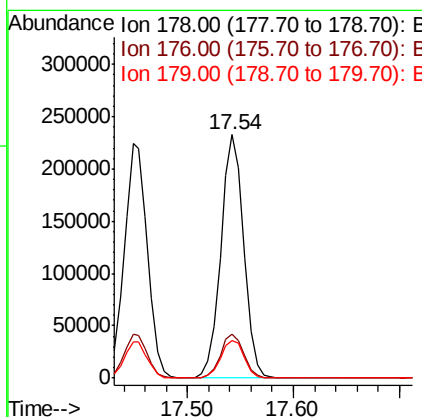
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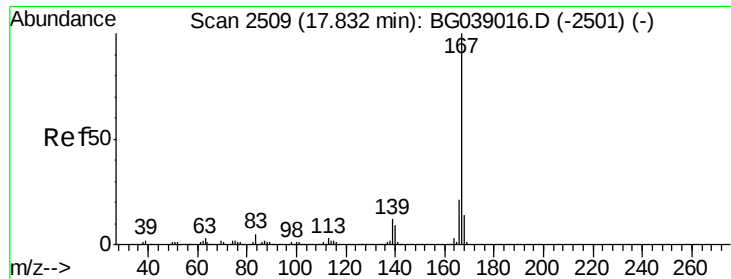
Sohil
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#72
Anthracene
Concen: 43.213 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG039166.D
Acq: 16 Jan 2019 20:54

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.9	22.3
179	15.5	13.0	19.4





#73

Carbazole

Concen: 38.287 ng

RT: 17.82 min Scan# 2507

Delta R.T. -0.01 min

Lab File: BG039166.D

Acq: 16 Jan 2019 20:54

Instrument :

BNA_G

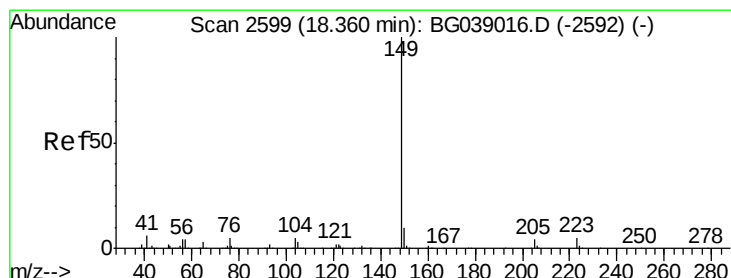
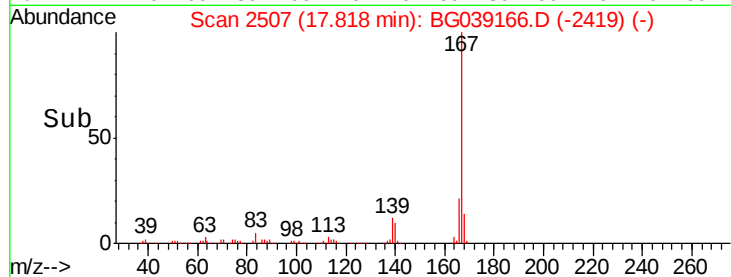
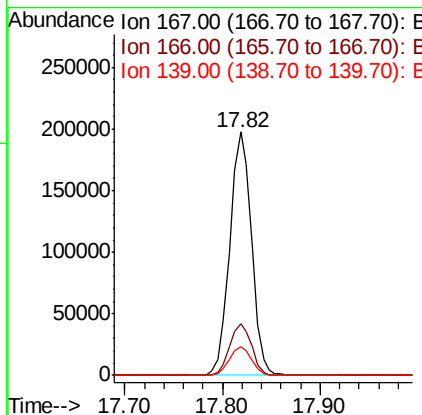
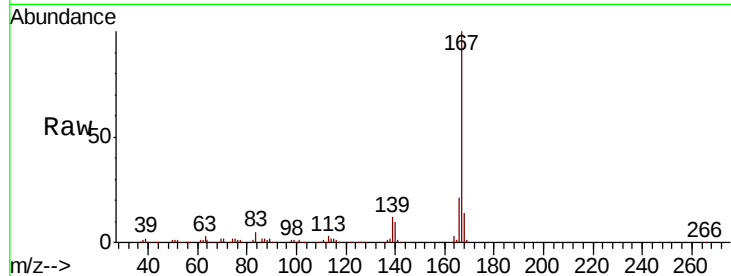
ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9AMS

Tot Ion:	167	Resp:	305769
Ion Ratio	Lower	Upper	
167	100		
166	21.1	16.9	25.3
139	11.9	10.0	15.0

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#74

Di-n-butylphthalate

Concen: 39.677 ng

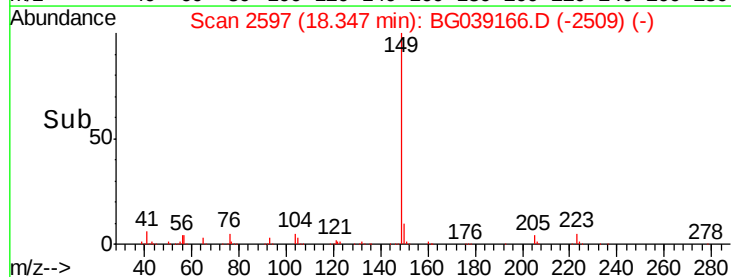
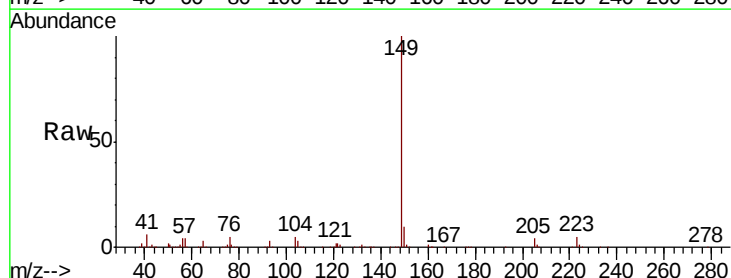
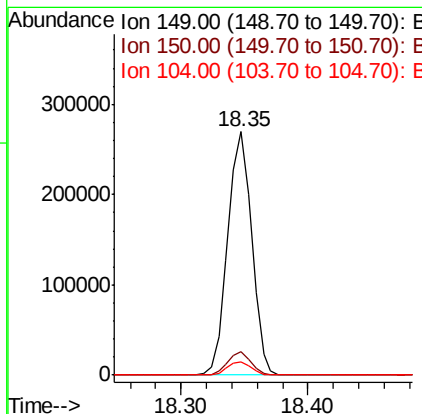
RT: 18.35 min Scan# 2597

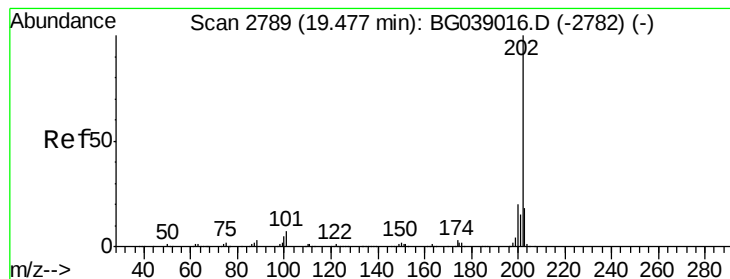
Delta R.T. -0.01 min

Lab File: BG039166.D

Acq: 16 Jan 2019 20:54

Tgt Ion:	149	Resp:	352508
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.9	11.9
104	5.5	4.2	6.2





#75

Fluoranthene

Concen: 45.757 ng

RT: 19.46 min Scan# 2786

Delta R.T. -0.02 min

Lab File: BG039166.D

Acq: 16 Jan 2019 20:54

Instrument :

BNA_G

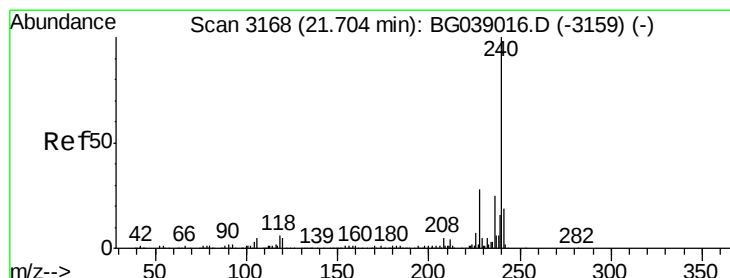
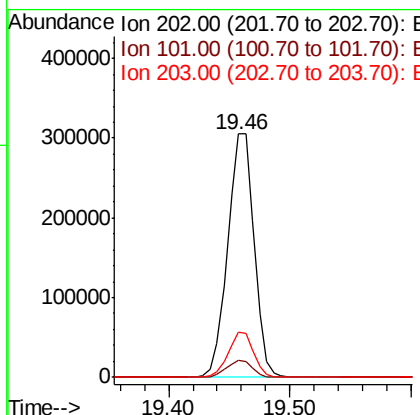
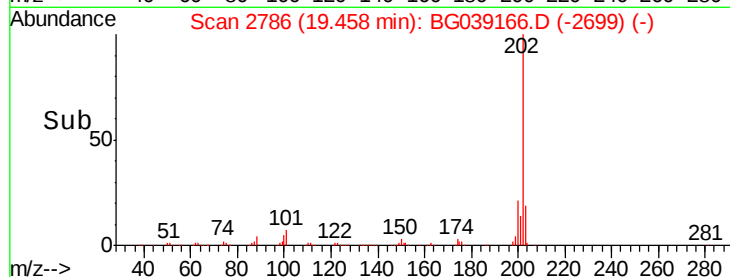
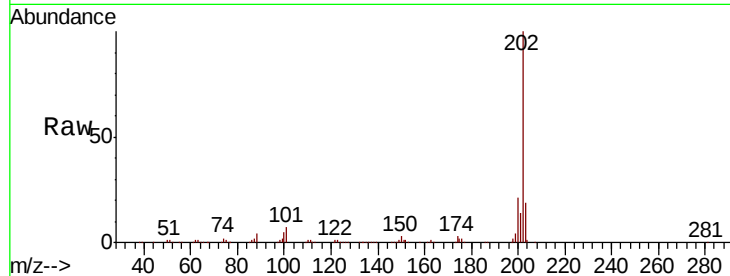
ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9AMS

Tot Ion:	202	Resp:	464122
Ion Ratio	Lower	Upper	
202	100		
101	6.8	0.0	26.9
203	18.8	0.0	38.1

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

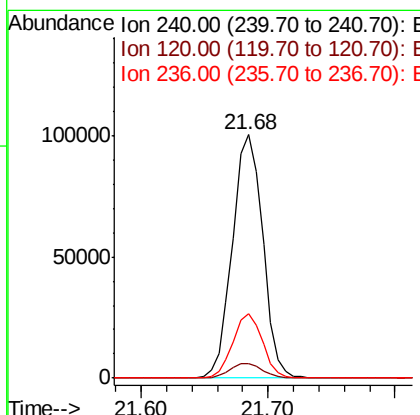
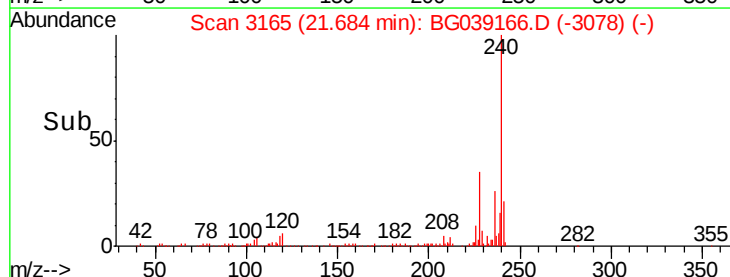
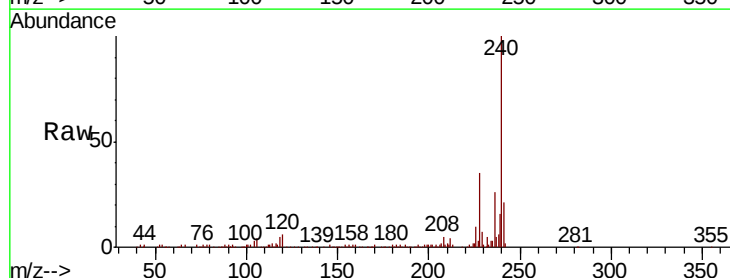
RT: 21.68 min Scan# 3165

Delta R.T. -0.02 min

Lab File: BG039166.D

Acq: 16 Jan 2019 20:54

Tgt Ion:	240	Resp:	166252
Ion Ratio	Lower	Upper	
240	100		
120	5.9	4.3	6.5
236	26.3	20.1	30.1





#77

Benzidine

Concen: 13.427 ng

RT: 19.65 min Scan# 2818

Delta R.T. -0.01 min

Lab File: BG039166.D

Acq: 16 Jan 2019 20:54

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9AMS

Tot Ion:184 Resp: 68276

Ion Ratio Lower Upper

184 100

185 14.6 12.1 18.1

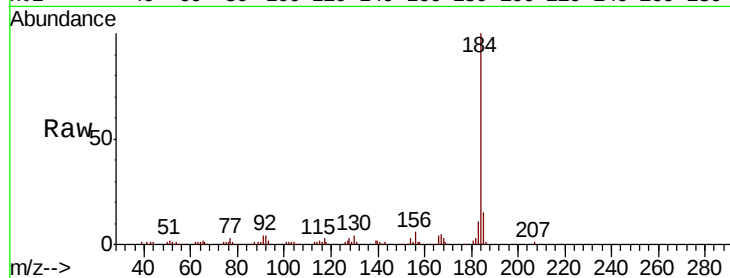
183 11.5 9.5 14.3

Manual Integrations

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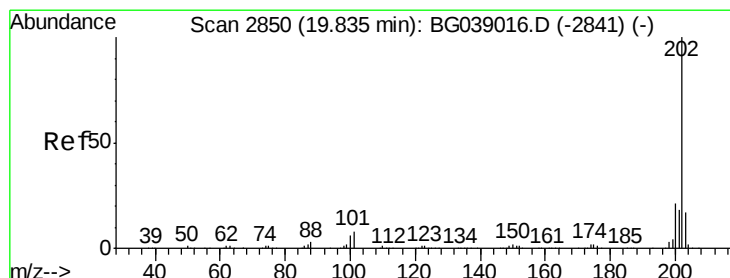
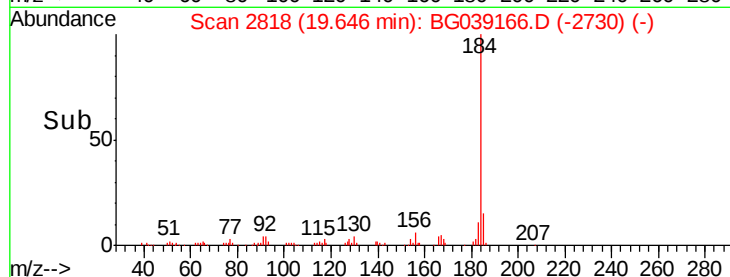
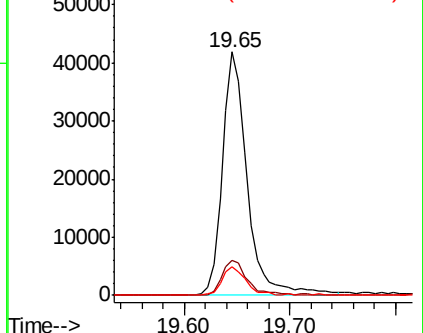
1/17/2019 2:09:14 PM



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: 47.601 ng

RT: 19.82 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG039166.D

Acq: 16 Jan 2019 20:54

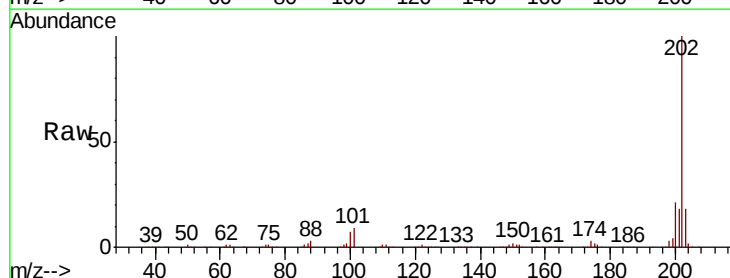
Tgt Ion:202 Resp: 504330

Ion Ratio Lower Upper

202 100

200 20.6 17.0 25.6

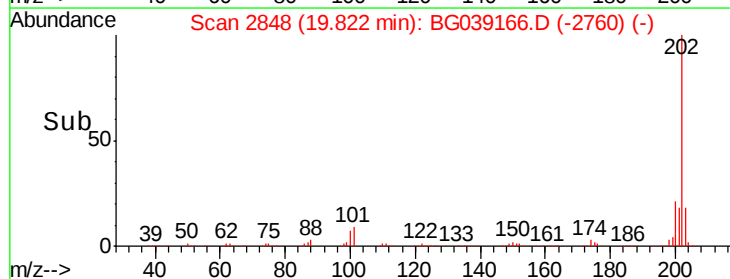
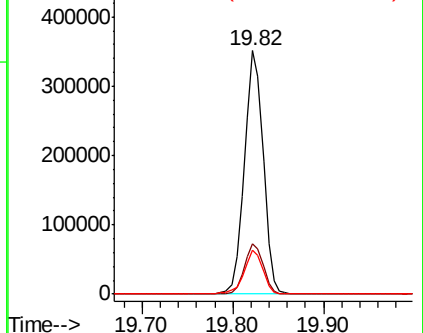
203 18.1 14.0 21.0

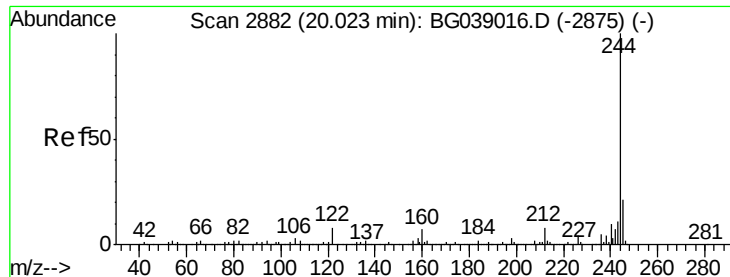


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





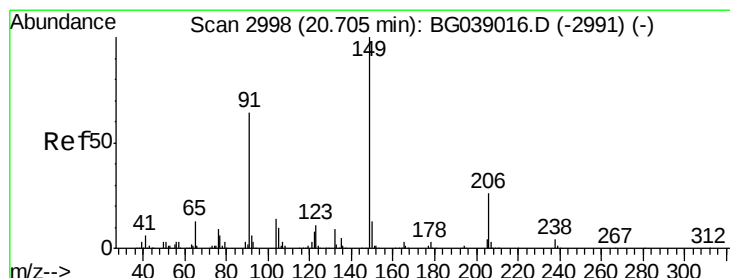
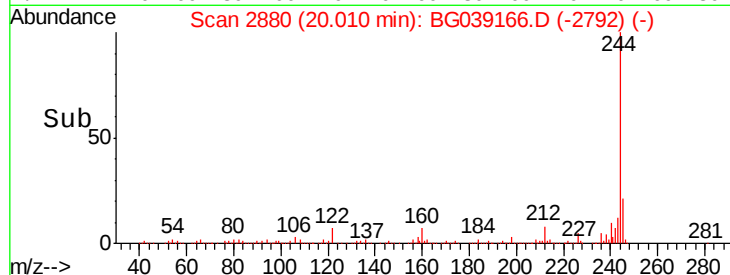
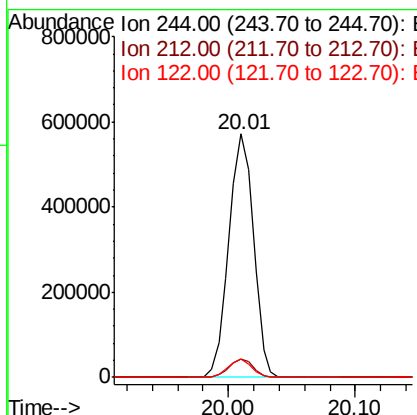
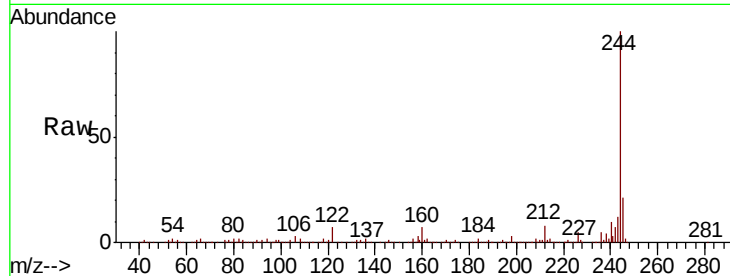
#79
 Terphenyl-d14
 Concen: 85.407 ng
 RT: 20.01 min Scan# 2880
 Delta R.T. -0.01 min
 Lab File: BG039166.D
 Acq: 16 Jan 2019 20:54

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-D9-E9-D9A-E9AMS

Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	7.7	6.1	9.1
122	7.4	6.1	9.1

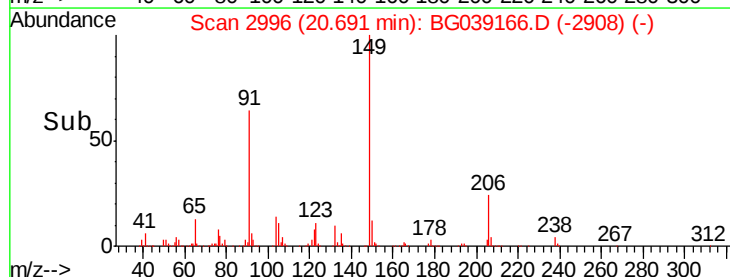
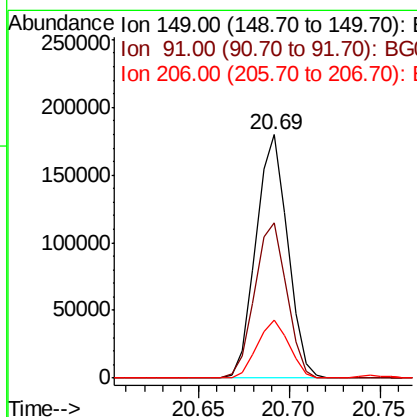
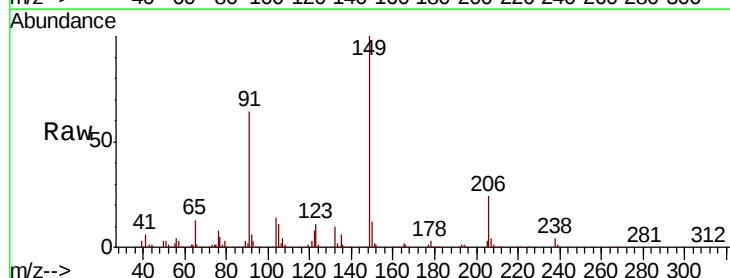
Manual Integrations
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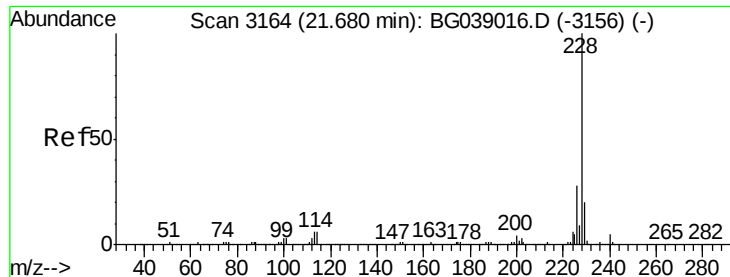
Sohil
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#80
 Butylbenzylphthalate
 Concen: 54.304 ng
 RT: 20.69 min Scan# 2996
 Delta R.T. -0.01 min
 Lab File: BG039166.D
 Acq: 16 Jan 2019 20:54

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
91	63.8	51.4	77.0
206	24.0	20.4	30.6





#81

Benzo(a)anthracene

Concen: 42.168 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG039166.D

Acq: 16 Jan 2019 20:54

Instrument :

BNA_G

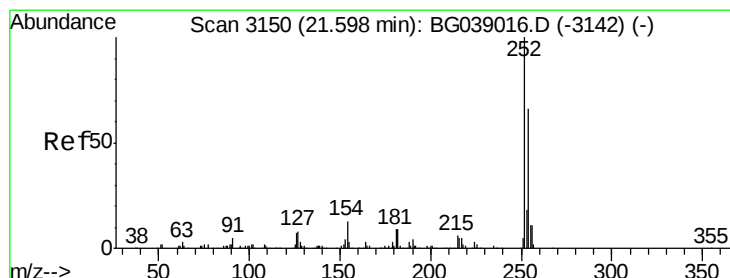
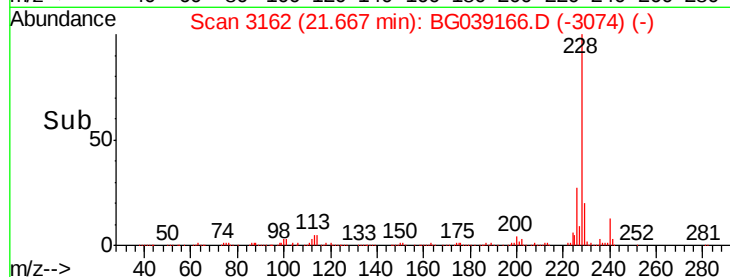
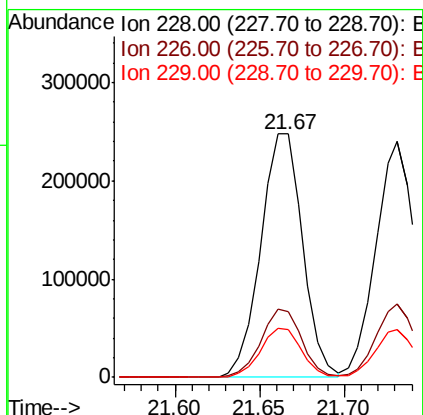
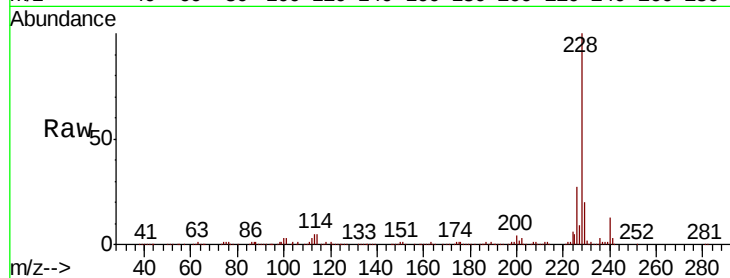
ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9AMS

Tot Ion:	228	Resp:	426759
Ion Ratio	Lower	Upper	
228	100		
226	27.1	22.4	33.6
229	19.7	16.2	24.2

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 16.229 ng

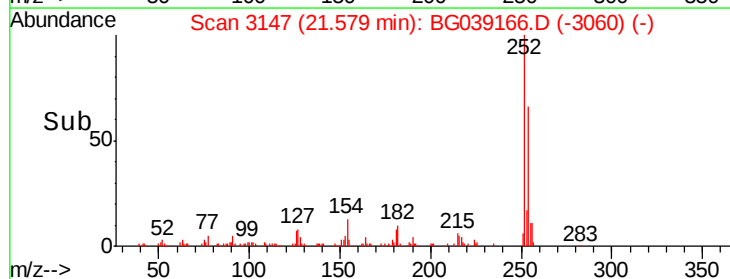
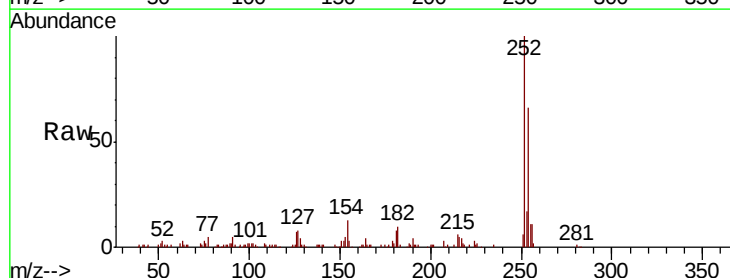
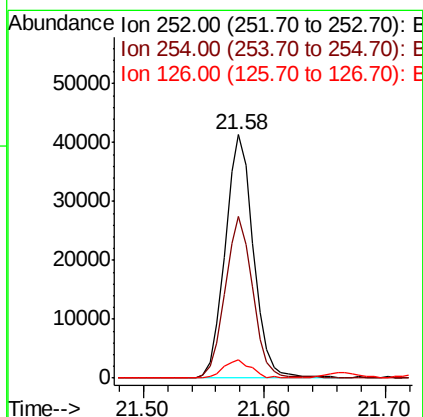
RT: 21.58 min Scan# 3147

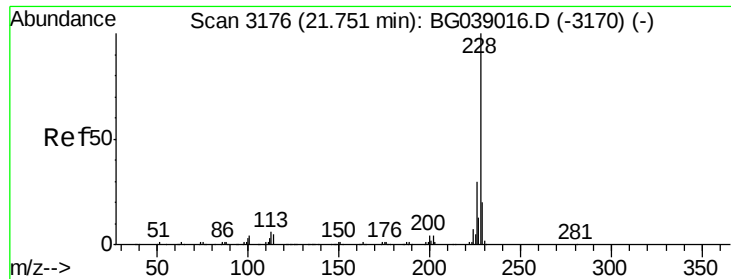
Delta R.T. -0.02 min

Lab File: BG039166.D

Acq: 16 Jan 2019 20:54

Tgt Ion:	252	Resp:	66921
Ion Ratio	Lower	Upper	
252	100		
254	66.3	53.0	79.6
126	7.3	6.0	9.0





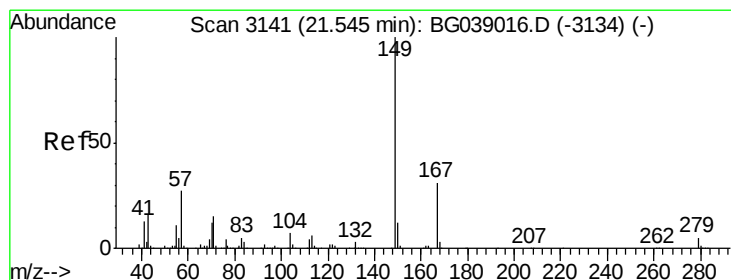
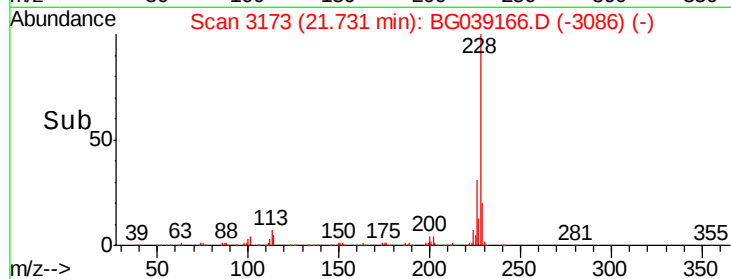
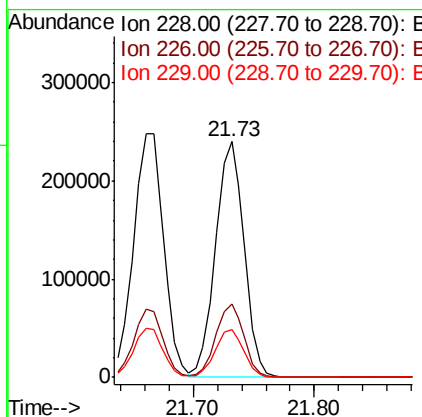
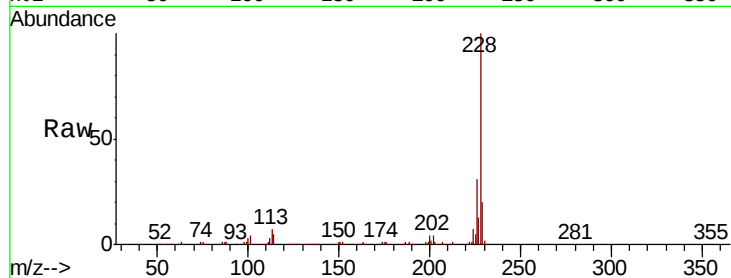
#83
 Chrysene
 Concen: 40.438 ng
 RT: 21.73 min Scan# 3173
 Delta R.T. -0.02 min
 Lab File: BG039166.D
 Acq: 16 Jan 2019 20:54

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-D9-E9-D9A-E9AMS

Tot Ion:	228	Resp:	389240
Ion Ratio	Lower	Upper	
228	100		
226	31.1	24.1	36.1
229	20.2	16.0	24.0

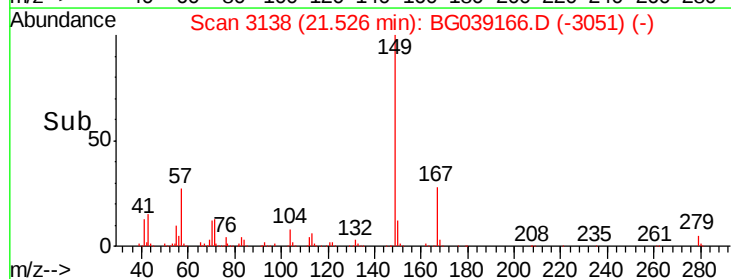
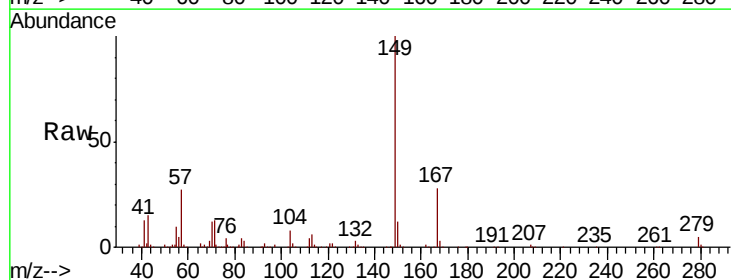
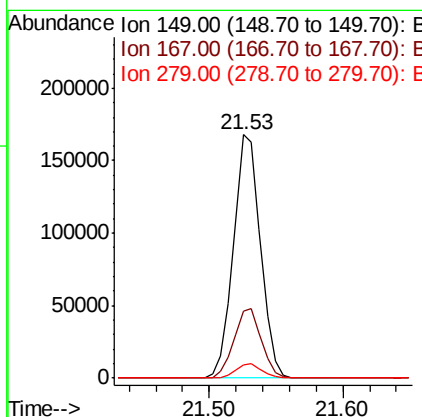
Manual Integrations
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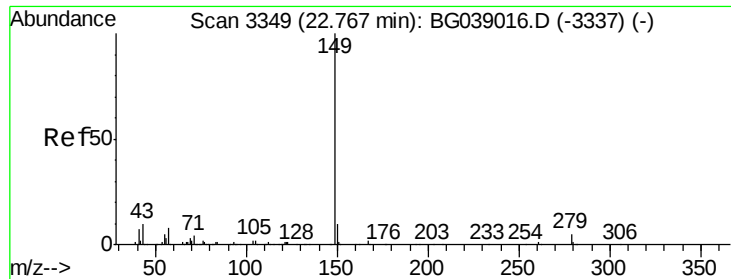
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.422 ng
 RT: 21.53 min Scan# 3138
 Delta R.T. -0.02 min
 Lab File: BG039166.D
 Acq: 16 Jan 2019 20:54

Tgt Ion:	149	Resp:	237363
Ion Ratio	Lower	Upper	
149	100		
167	27.7	25.0	37.4
279	5.4	4.3	6.5





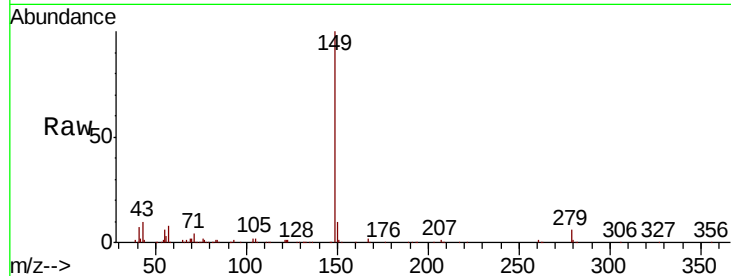
#85
Di-n-octyl phthalate
Concen: 39.856 ng
RT: 22.74 min Scan# 3345
Delta R.T. -0.03 min
Lab File: BG039166.D
Acq: 16 Jan 2019 20:54

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9AMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	377085		
167	1.7		1.3	1.9
43	9.6		7.5	11.3

Manual Integrations
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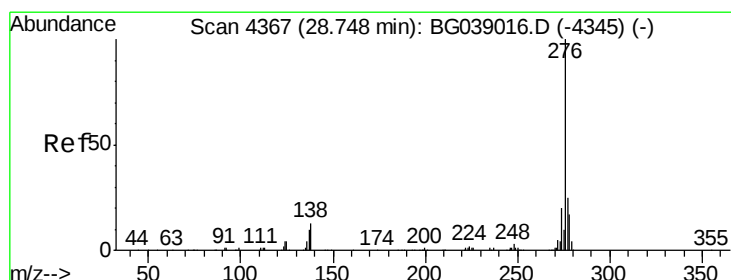
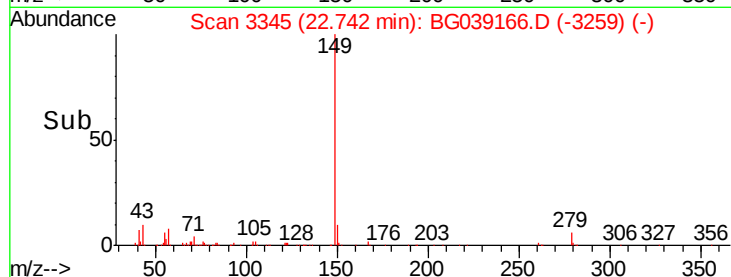
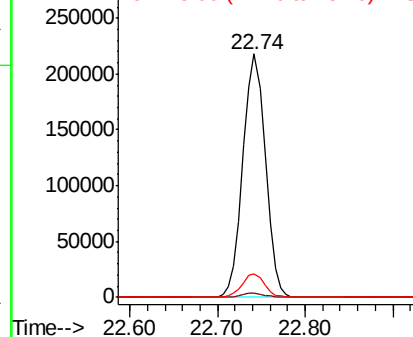


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86
Indeno(1,2,3-cd)pyrene
Concen: 45.219 ng
RT: 28.68 min Scan# 4356
Delta R.T. -0.07 min
Lab File: BG039166.D
Acq: 16 Jan 2019 20:54

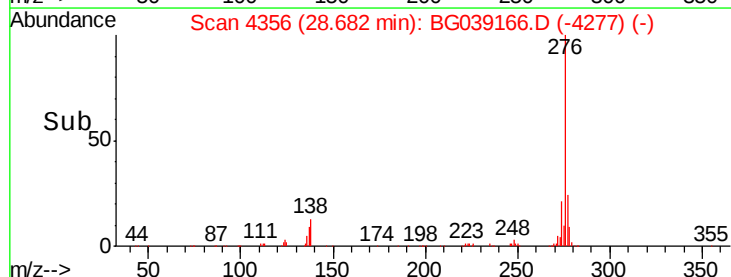
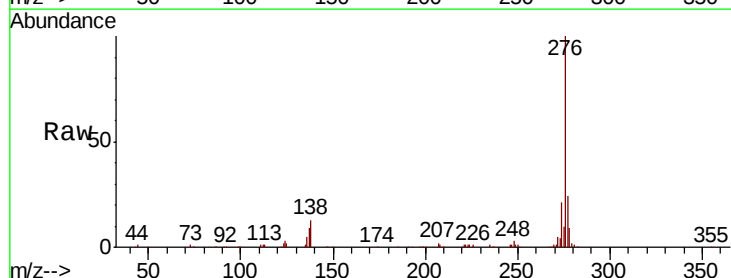
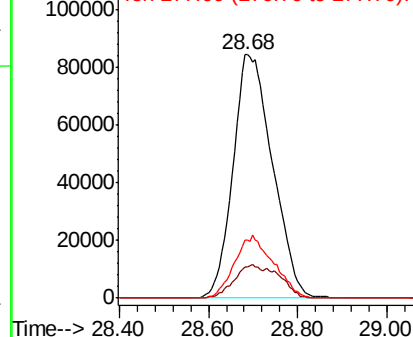
Tgt Ion	Ratio	Resp	Lower	Upper
276	100	520092		
138	15.5		8.0	12.0#
277	25.1		20.3	30.5

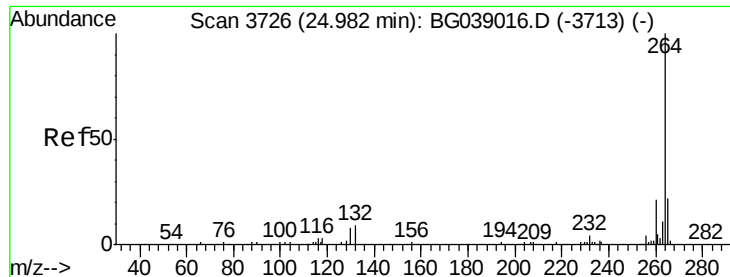
Abundance

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





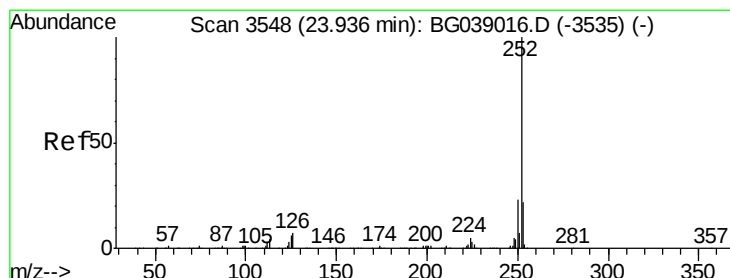
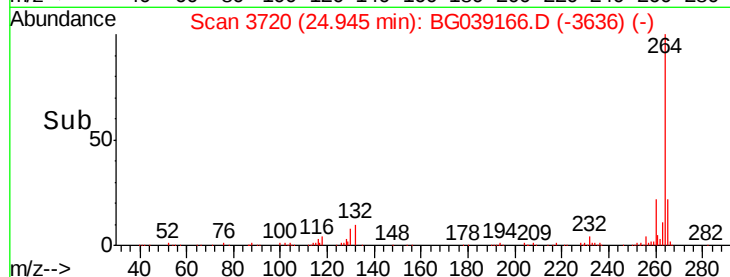
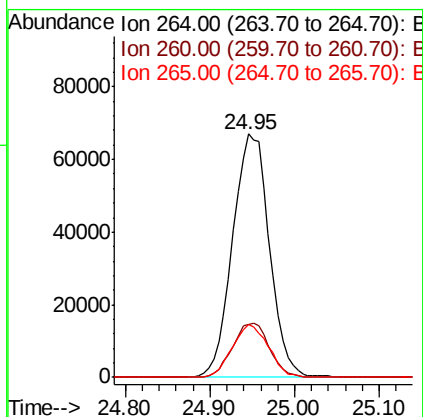
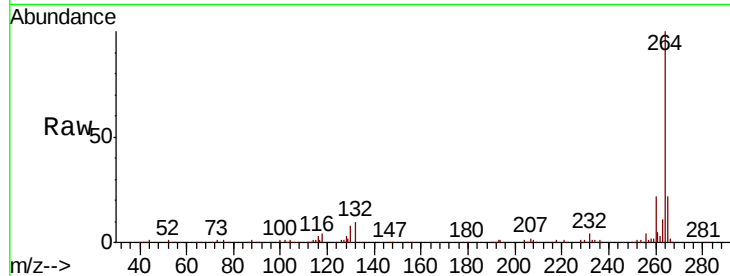
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.95 min Scan# 3720
Delta R.T. -0.04 min
Lab File: BG039166.D
Acq: 16 Jan 2019 20:54

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9AMS

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.9	17.0	25.6
265	22.0	17.2	25.8

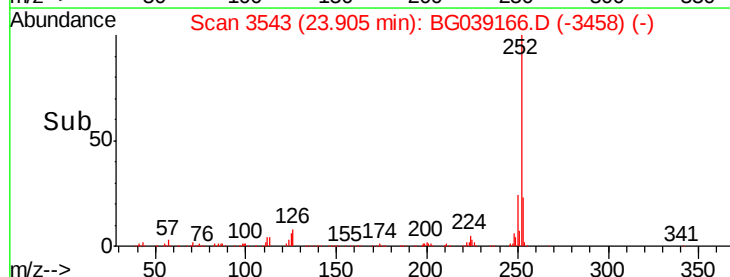
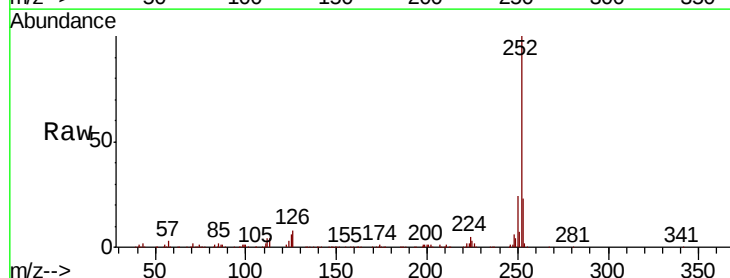
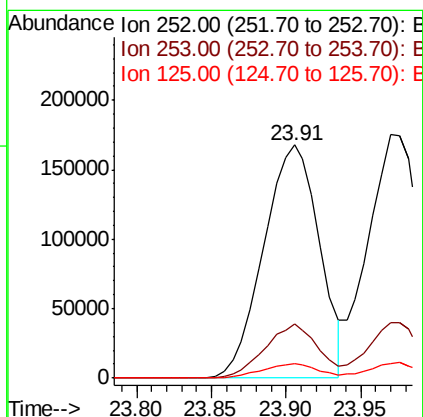
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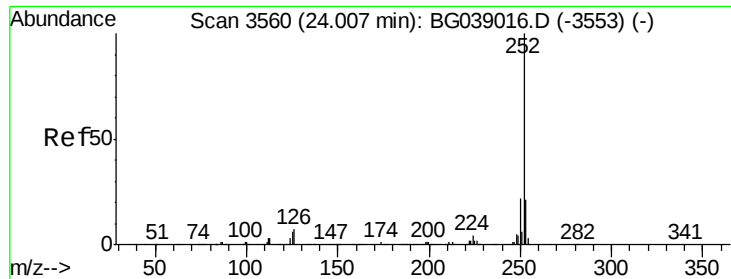
Sohil
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#88
Benzo(b)fluoranthene
Concen: 39.108 ng
RT: 23.91 min Scan# 3543
Delta R.T. -0.03 min
Lab File: BG039166.D
Acq: 16 Jan 2019 20:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.6
125	6.2	4.9	7.3





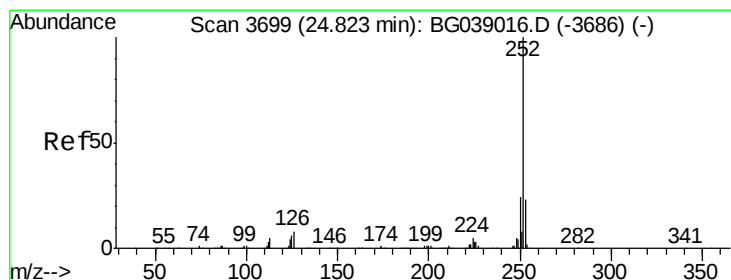
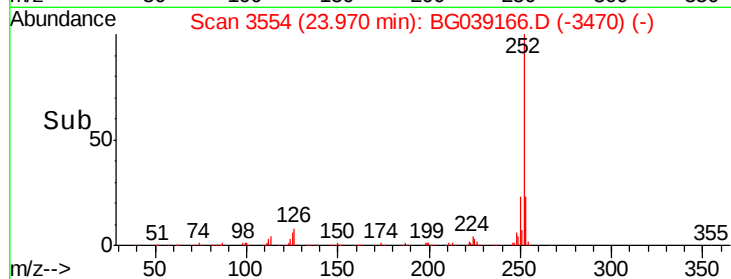
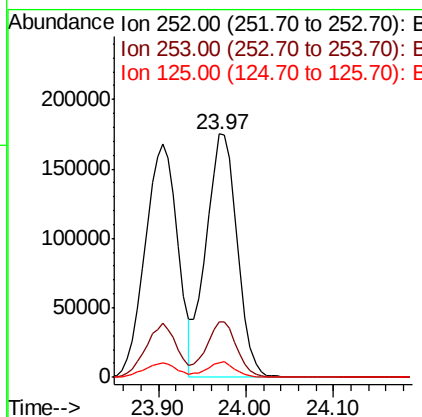
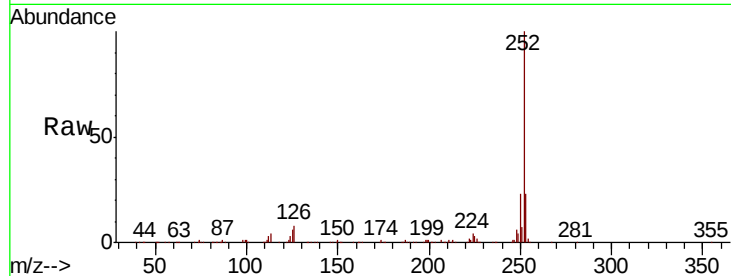
#89
Benzo(k)fluoranthene
Concen: 39.483 ng
RT: 23.97 min Scan# 3554
Delta R.T. -0.04 min
Lab File: BG039166.D
Acq: 16 Jan 2019 20:54

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9AMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.1	25.7
125	5.8	4.6	7.0

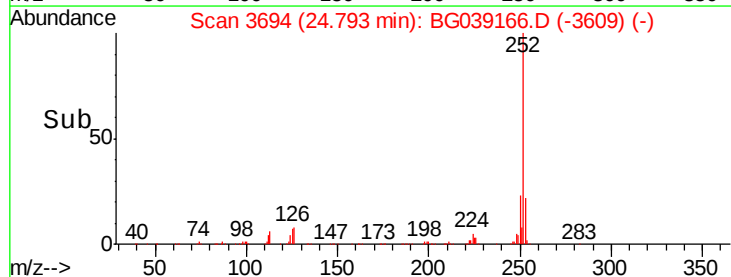
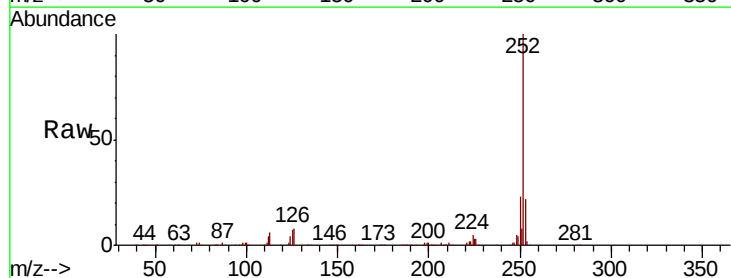
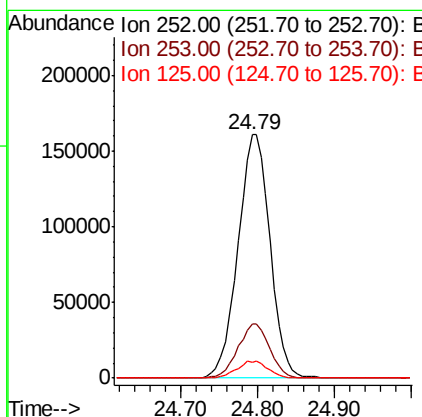
Manual Integrations
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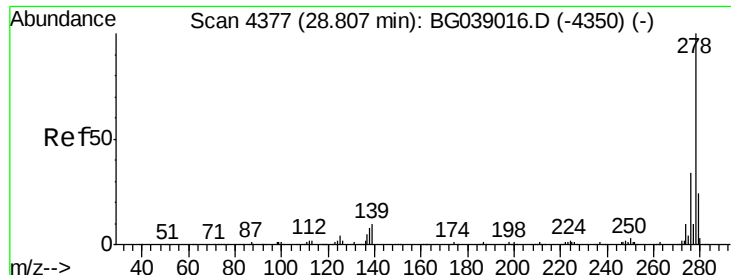
Sohil
1/17/2019 2:09:14 PM



#90
Benzo(a)pyrene
Concen: 43.587 ng
RT: 24.79 min Scan# 3694
Delta R.T. -0.03 min
Lab File: BG039166.D
Acq: 16 Jan 2019 20:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.3	27.5
125	6.7	4.9	7.3





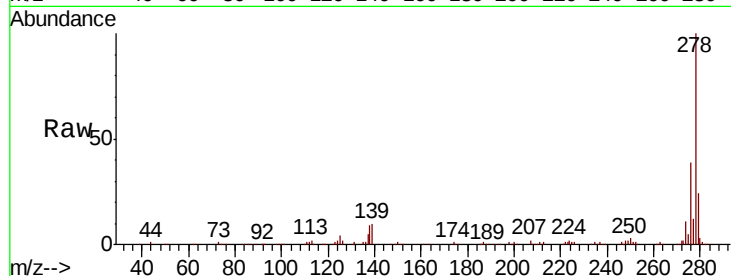
#91
Dibenzo(a,h)anthracene
Concen: 39.515 ng
RT: 28.75 min Scan# 4368
Delta R.T. -0.05 min
Lab File: BG039166.D
Acq: 16 Jan 2019 20:54

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9AMS

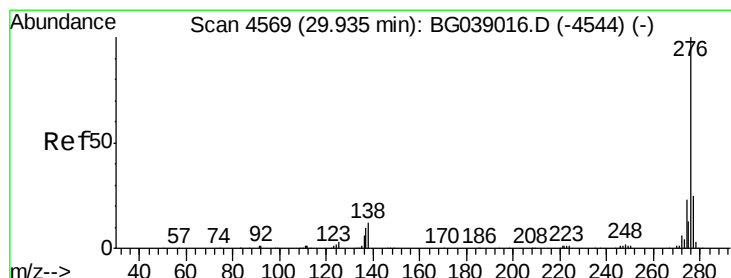
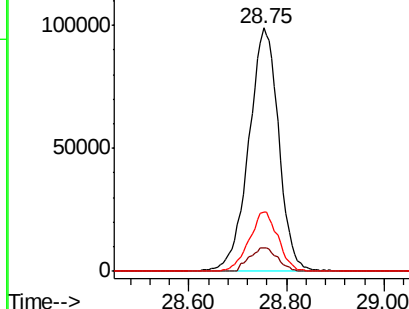
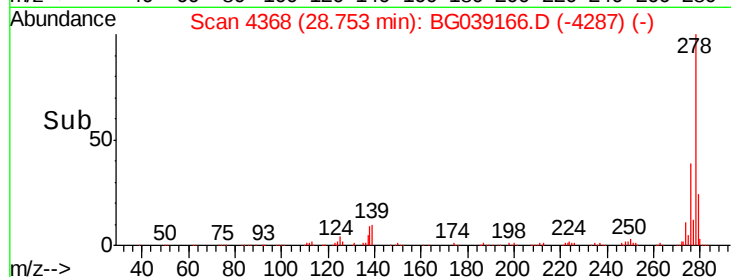
Tot Ion	Ratio	Lower	Upper
278	100		
139	9.8	7.9	11.9
279	24.4	19.3	28.9

Manual Integrations
APPROVED

Sohil
1/17/2019 2:09:14 PM

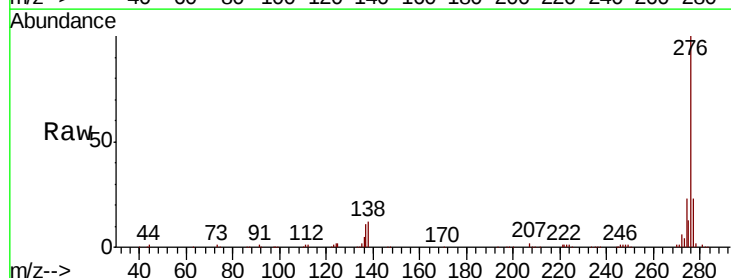


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 39.018 ng
RT: 29.87 min Scan# 4559
Delta R.T. -0.06 min
Lab File: BG039166.D
Acq: 16 Jan 2019 20:54

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	20.3	30.5
138	11.5	9.4	14.2



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

