

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060119\
 Data File : BG041016.D
 Acq On : 1 Jun 2019 17:27
 Operator : HP/JU
 Sample : K3110-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-B1-C1-B1A-C1AMSD

Manual Integrations
 APPROVED

mohammad
 6/3/2019 8:50:52 AM

Quant Time: Jun 03 04:07:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	65009	20.00	ng	-0.01
21) Naphthalene-d8	10.94	136	254915	20.00	ng	-0.01
39) Acenaphthene-d10	14.75	164	182129	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	438904	20.00	ng	0.00
76) Chrysene-d12	21.78	240	434027	20.00	ng	-0.01
87) Perylene-d12	25.11	264	468464	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	529424	146.85	ng	0.00
7) Phenol-d6	7.27	99	773818	138.98	ng	0.00
23) Nitrobenzene-d5	9.30	82	524674	91.37	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	377833	139.74	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	1147857	90.76	ng	-0.01
79) Terphenyl-d14	20.09	244	1790477	87.55	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	3.52	88	54775	33.482 ng	91
3) Pyridine	3.93	79	135316	27.953 ng	98
4) n-Nitrosodimethylamine	3.85	42	98535	43.859 ng	88
6) Aniline	7.44	93	128710	17.319 ng	96
8) 2-Chlorophenol	7.68	128	189838	44.168 ng	95
9) Benzaldehyde	7.26	77	91743	27.622 ng	91
10) Phenol	7.30	94	270865	45.372 ng	96
11) bis(2-Chloroethyl)ether	7.54	93	179726	41.499 ng	97
12) 1,3-Dichlorobenzene	8.01	146	200522	39.062 ng	97
13) 1,4-Dichlorobenzene	8.16	146	208053	40.040 ng	95
14) 1,2-Dichlorobenzene	8.47	146	199470	39.536 ng	98
15) Benzyl Alcohol	8.36	79	224660	43.619 ng	99
16) 2,2'-oxybis(1-Chloropropan	8.64	45	290726	41.082 ng	99
17) 2-Methylphenol	8.56	107	185411	42.895 ng	98
18) Hexachloroethane	9.21	117	78784	39.339 ng	98
19) n-Nitroso-di-n-propylamine	8.93	70	174472	40.719 ng	98
20) 3+4-Methylphenols	8.88	107	253074	42.268 ng	98
22) Acetophenone	8.95	105	322294	45.071 ng	# 97
24) Nitrobenzene	9.34	77	266266	45.502 ng	98
25) Isophorone	9.86	82	498242	45.594 ng	100
26) 2-Nitrophenol	10.05	139	116495	48.290 ng	90
27) 2,4-Dimethylphenol	10.09	122	205525	51.585 ng	94
28) bis(2-Chloroethoxy)methane	10.34	93	263869	44.739 ng	97
29) 2,4-Dichlorophenol	10.58	162	228886	45.239 ng	97
30) 1,2,4-Trichlorobenzene	10.80	180	250350	43.497 ng	97
31) Naphthalene	10.99	128	610347	44.594 ng	99
32) Benzoic acid	10.22	122	86319	31.274 ng	93
33) 4-Chloroaniline	11.11	127	60359	9.505 ng	97
34) Hexachlorobutadiene	11.26	225	185084	42.027 ng	99
35) Caprolactam	11.89	113	68880m	41.227 ng	
36) 4-Chloro-3-methylphenol	12.21	107	258230	44.690 ng	95
37) 2-Methylnaphthalene	12.59	142	457878	43.437 ng	99
38) 1-Methylnaphthalene	12.81	142	438538m	44.148 ng	
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	335908	45.759 ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	376525	93.832	nq	98
43) 2,4,6-Trichlorophenol	13.19	196	215192	45.315	nq	95
44) 2,4,5-Trichlorophenol	13.26	196	230693	46.062	nq	97
46) 1,1'-Biphenyl	13.58	154	619547	45.955	nq	99
47) 2-Chloronaphthalene	13.64	162	509816	44.050	nq	98
48) 2-Nitroaniline	13.84	65	186590	44.939	nq	100
49) Acenaphthylene	14.48	152	781933	44.889	nq	99
50) Dimethylphthalate	14.20	163	829492	53.803	nq	99
51) 2,6-Dinitrotoluene	14.33	165	147482	44.367	nq	97
52) Acenaphthene	14.82	154	453237	42.951	nq	93
53) 3-Nitroaniline	14.66	138	65105	19.586	nq	94
54) 2,4-Dinitrophenol	14.87	184	157448	87.383	nq	92
55) Dibenzofuran	15.15	168	782520	44.071	nq	100
56) 4-Nitrophenol	14.96	139	221590	97.191	nq	95
57) 2,4-Dinitrotoluene	15.11	165	205353	43.733	nq	# 94
58) Fluorene	15.79	166	611092	43.215	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	231940	47.124	nq	98
60) Diethylphthalate	15.55	149	660983	42.010	nq	100
61) 4-Chlorophenyl-phenylether	15.78	204	394642	42.937	nq	97
62) 4-Nitroaniline	15.83	138	141019	40.073	nq	92
63) Azobenzene	16.08	77	618812	43.273	nq	97
65) 4,6-Dinitro-2-methylphenol	15.87	198	114074	48.413	nq	94
66) n-Nitrosodiphenylamine	16.00	169	561325	45.495	nq	99
67) 4-Bromophenyl-phenylether	16.68	248	253864	42.859	nq	98
68) Hexachlorobenzene	16.79	284	259438	41.133	nq	97
69) Atrazine	16.94	200	236567	49.691	nq	96
70) Pentachlorophenol	17.13	266	320701	94.122	nq	96
71) Phenanthrene	17.54	178	1003136	43.878	nq	98
72) Anthracene	17.63	178	1028867	45.630	nq	99
73) Carbazole	17.90	167	897371	46.383	nq	99
74) Di-n-butylphthalate	18.43	149	1034230	43.010	nq	99
75) Fluoranthene	19.54	202	1283677	45.459	nq	98
77) Benzidine	19.72	184	271562	26.228	nq	98
78) Pyrene	19.91	202	1276529	45.243	nq	99
80) Butylbenzylphthalate	20.77	149	493236	44.922	nq	98
81) Benzo(a)anthracene	21.76	228	1254130	43.408	nq	99
82) 3,3'-Dichlorobenzidine	21.67	252	200960	19.776	nq	97
83) Chrysene	21.83	228	1224213	44.278	nq	98
84) Bis(2-ethylhexyl)phthalate	21.62	149	676913	43.794	nq	100
85) Di-n-octyl phthalate	22.87	149	1133908	44.049	nq	99
86) Indeno(1,2,3-cd)pyrene	28.95	276	1512159	44.648	nq	# 96
88) Benzo(b)fluoranthene	24.05	252	1306001	45.963	nq	98
89) Benzo(k)fluoranthene	24.12	252	1238330	44.041	nq	98
90) Benzo(a)pyrene	24.96	252	1260655	46.503	nq	98
91) Dibenzo(a,h)anthracene	29.03	278	1232756	45.510	nq	99
92) Benzo(g,h,i)perylene	30.17	276	1263803	48.024	nq	98

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

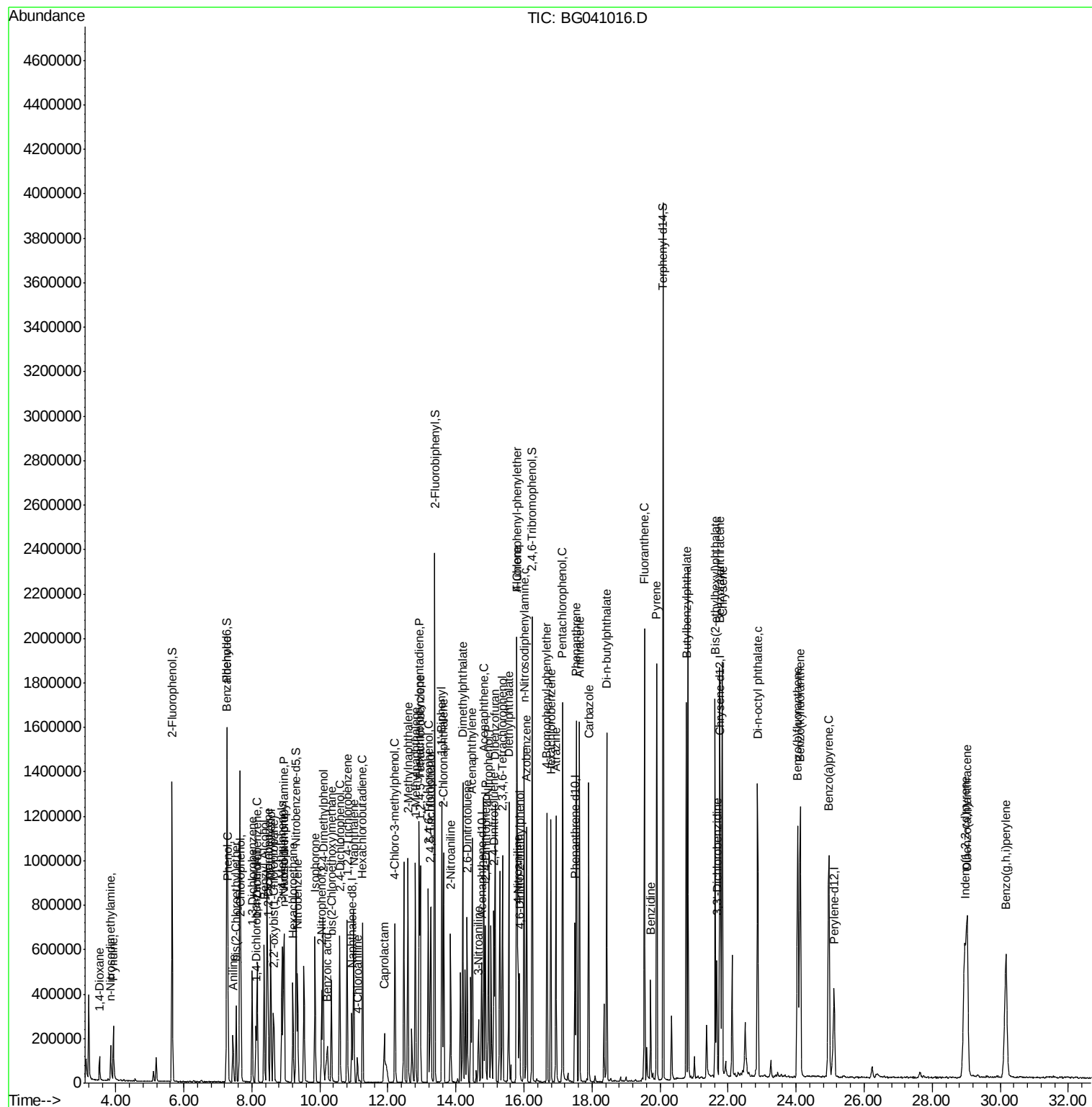
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060119\
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#1

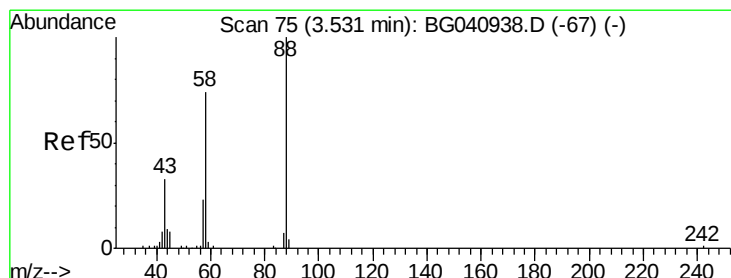
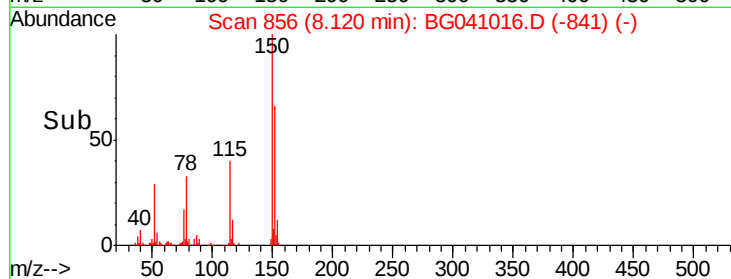
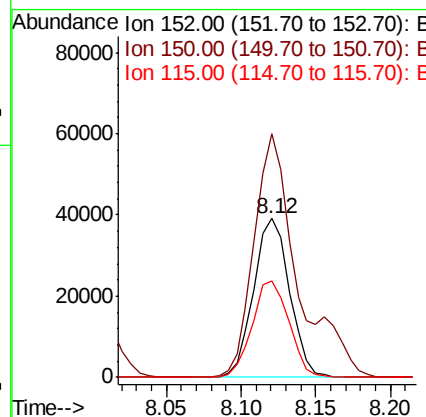
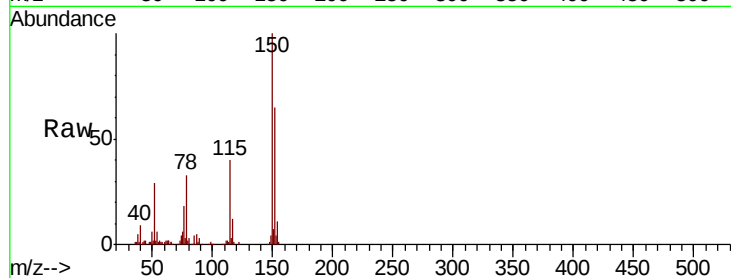
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG041016.D
Acq: 1 Jun 2019 17:27

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-B1-C1-B1A-C1AMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	120.6	180.8
115	60.7	45.1	67.7

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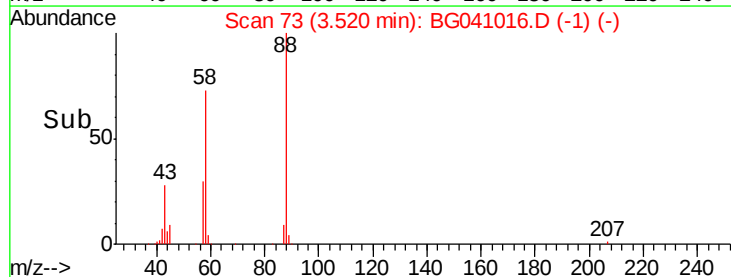
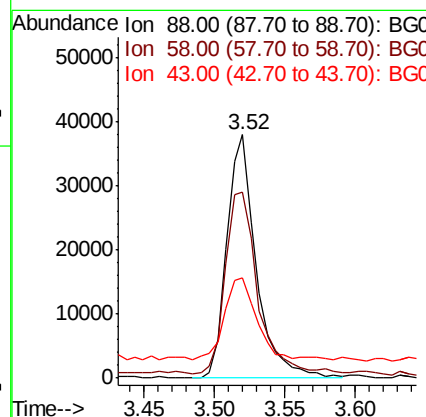
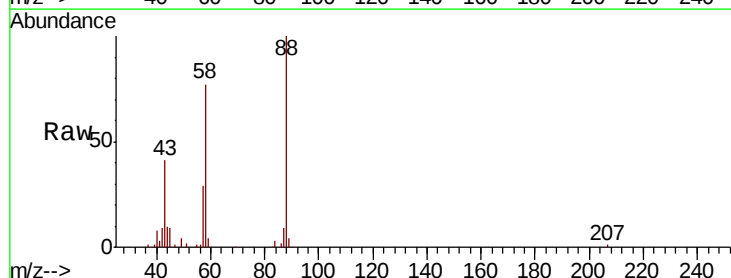
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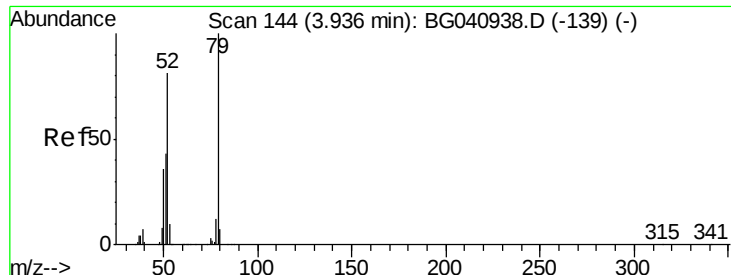


#2

1,4-Dioxane
Concen: 33.482 ng
RT: 3.52 min Scan# 73
Delta R.T. -0.01 min
Lab File: BG041016.D
Acq: 1 Jun 2019 17:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.7	59.0	88.6
43	36.7	27.2	40.8





#3

Pvridine

Concen: 27.953 ng

RT: 3.93 min Scan# 142

Delta R.T. -0.01 min

Lab File: BG041016.D

Acq: 1 Jun 2019 17:27

Instrument :

BNA_G

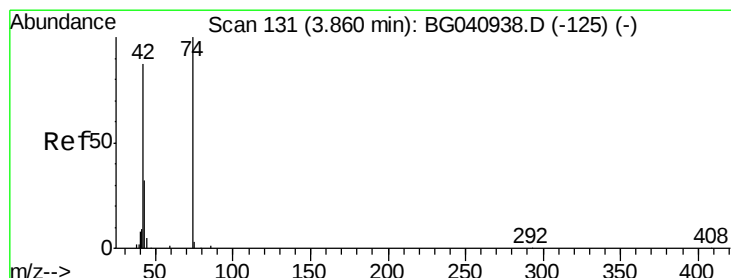
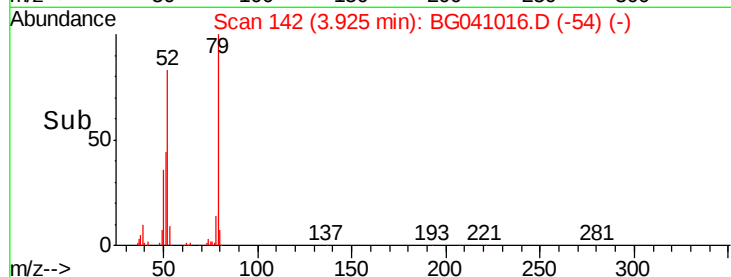
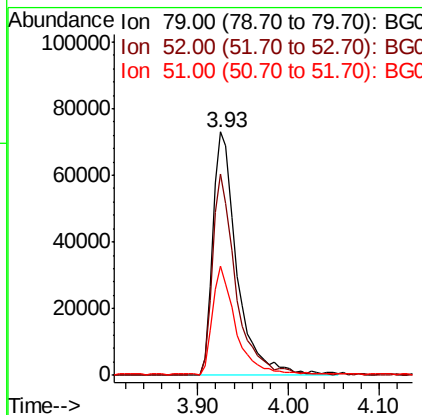
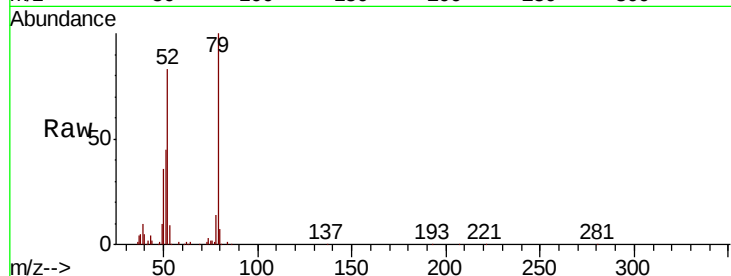
ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMSD

Tot Ion:	79	Resp:	135316
Ion Ratio	Lower	Upper	
79	100		
52	82.7	64.8	97.2
51	44.8	35.3	52.9

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#4

n-Nitrosodimethylamine

Concen: 43.859 ng

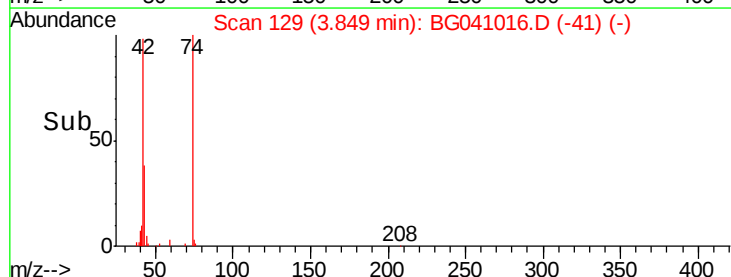
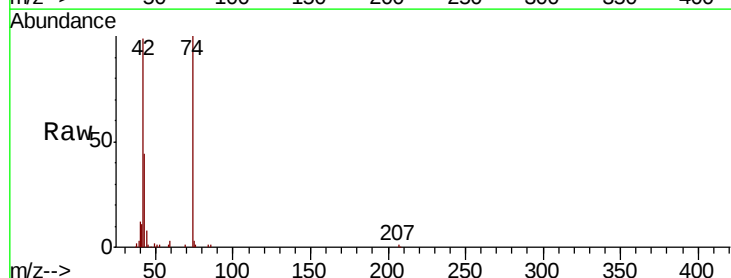
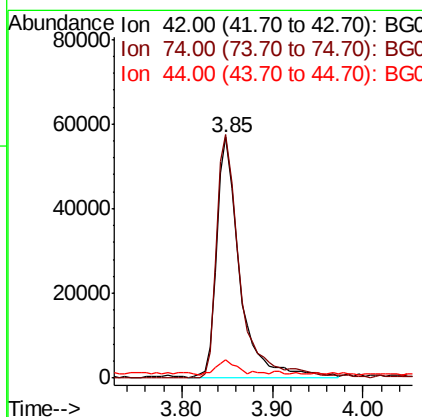
RT: 3.85 min Scan# 129

Delta R.T. -0.01 min

Lab File: BG041016.D

Acq: 1 Jun 2019 17:27

Tgt Ion:	42	Resp:	98535
Ion Ratio	Lower	Upper	
42	100		
74	101.1	91.8	137.6
44	7.7	6.0	9.0





#5

2-Fluorophenol

Concen: 146.851 ng

RT: 5.66 min Scan# 437

Delta R.T. 0.00 min

Lab File: BG041016.D

Acq: 1 Jun 2019 17:27

Instrument :

BNA_G

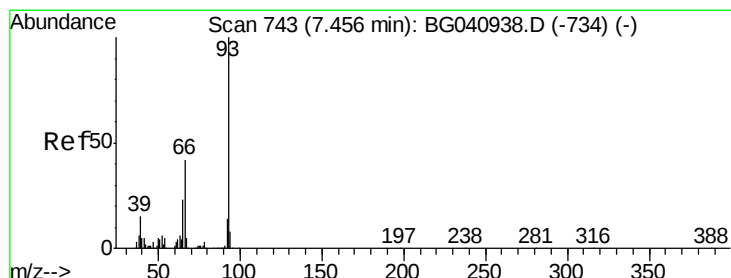
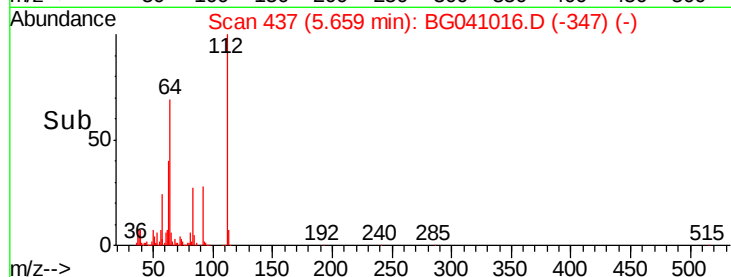
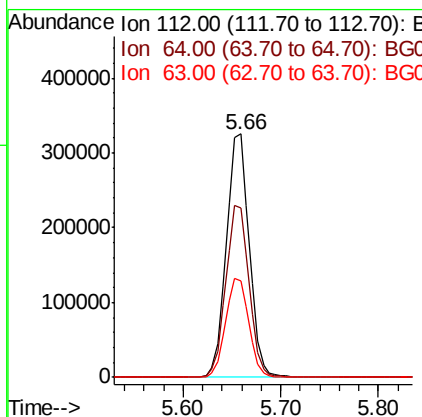
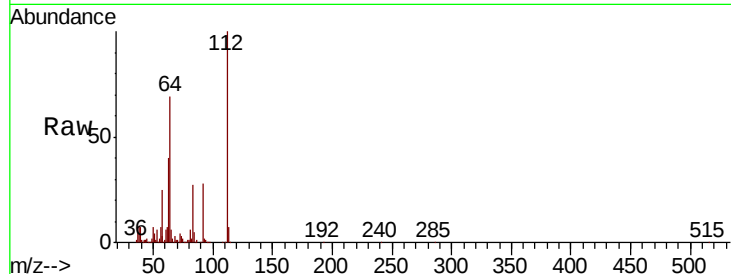
ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMSD

Tot Ion	Ratio	Resp	Lower	Upper
112	100	529424		
64	69.4	56.2	84.2	
63	39.8	32.8	49.2	

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#6

Aniline

Concen: 17.319 ng

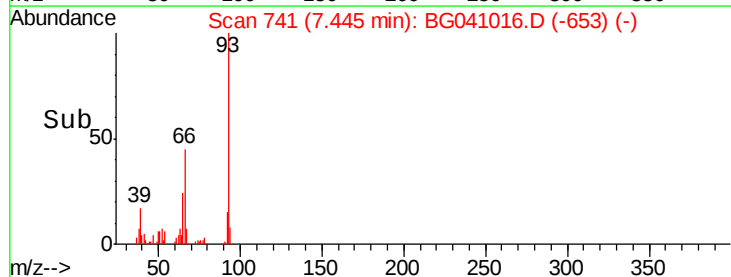
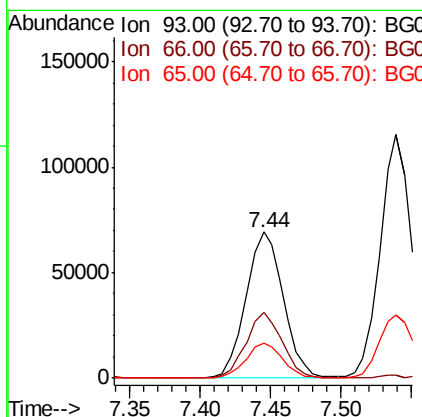
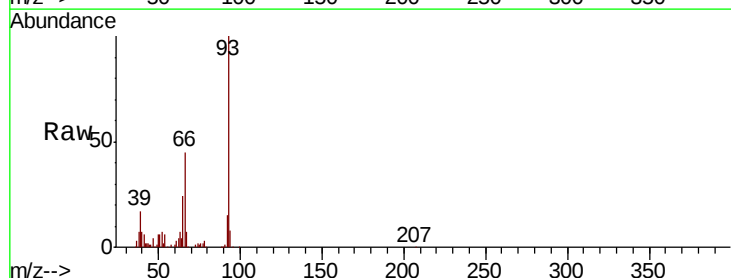
RT: 7.44 min Scan# 741

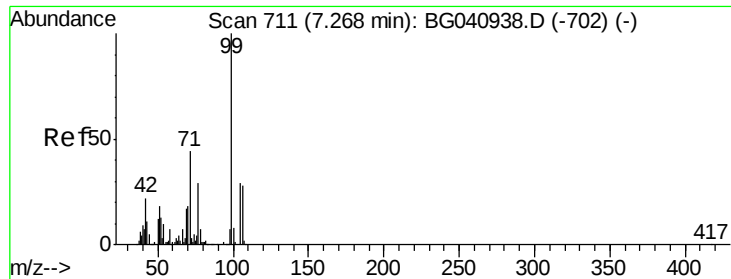
Delta R.T. -0.01 min

Lab File: BG041016.D

Acq: 1 Jun 2019 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	128710		
66	45.2	33.8	50.8	
65	24.4	18.3	27.5	





#7

Phenol-d6

Concen: 138.980 ng

RT: 7.27 min Scan# 711

Delta R.T. 0.00 min

Lab File: BG041016.D

Acq: 1 Jun 2019 17:27

Instrument :

BNA_G

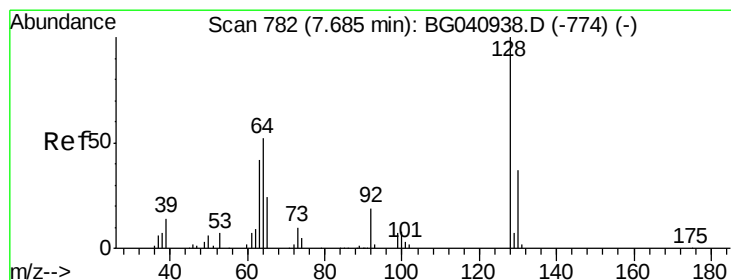
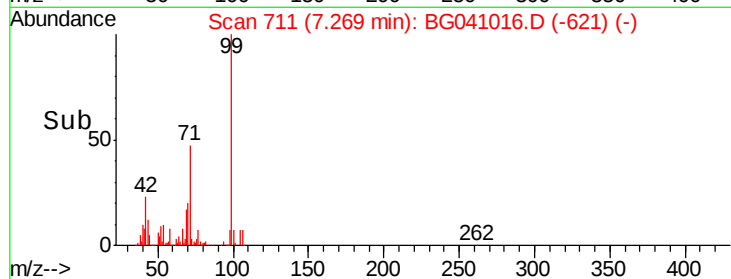
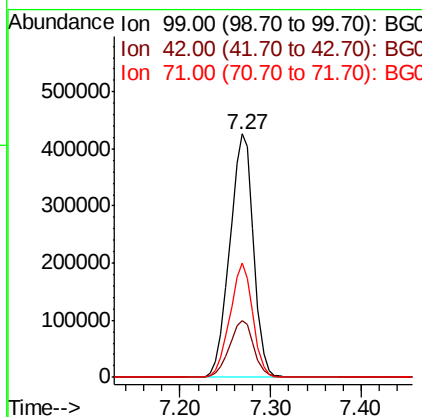
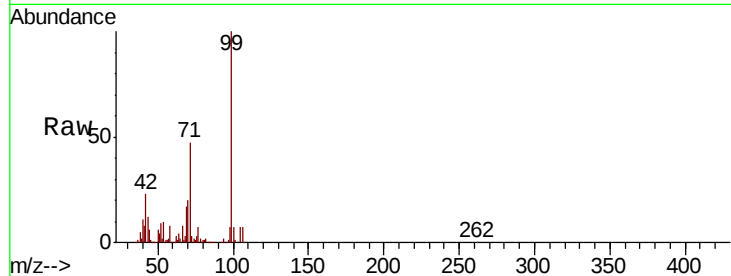
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FK-BPM-01-B1-C1-B1A-C1AMSD

Tot Ion:	99	Resp:	773818
Ion Ratio	Lower	Upper	
99	100		
42	23.2	17.9	26.9
71	47.0	35.4	53.0

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#8

2-Chlorophenol

Concen: 44.168 ng

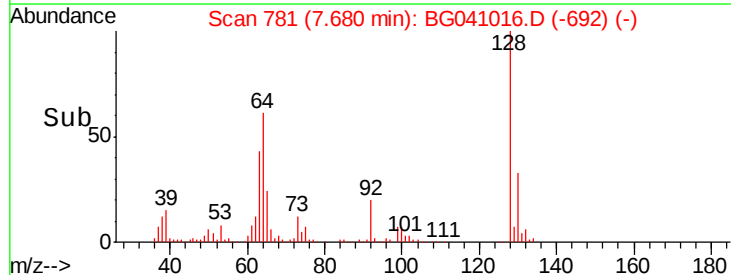
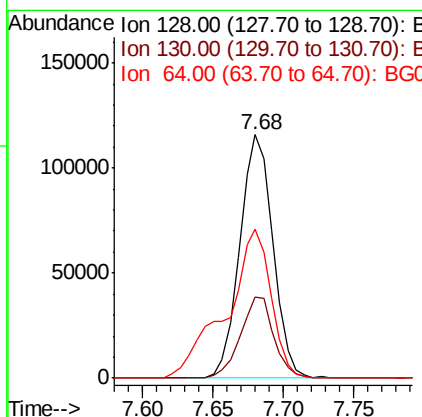
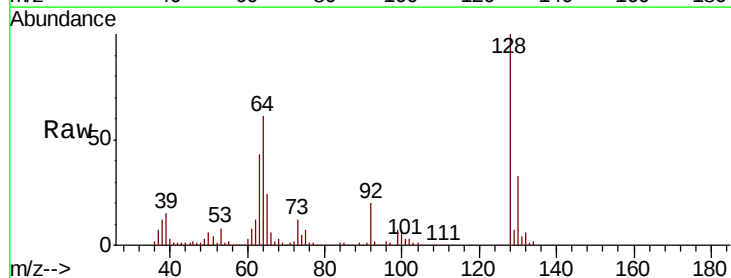
RT: 7.68 min Scan# 781

Delta R.T. -0.00 min

Lab File: BG041016.D

Acq: 1 Jun 2019 17:27

Tgt Ion:	128	Resp:	189838
Ion Ratio	Lower	Upper	
128	100		
130	33.3	16.6	56.6
64	61.0	37.8	77.8





#9

Benzaldehyde

Concen: 27.622 ng

RT: 7.26 min Scan# 709

Delta R.T. -0.01 min

Lab File: BG041016.D

Acq: 1 Jun 2019 17:27

Instrument :

BNA_G

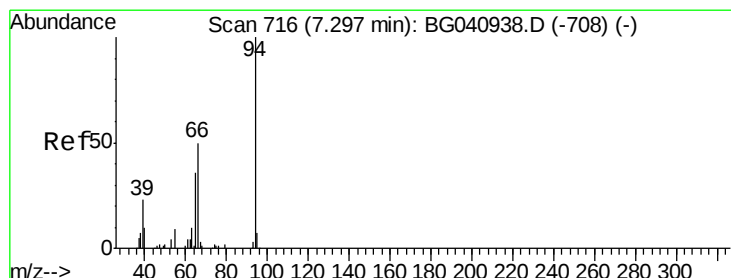
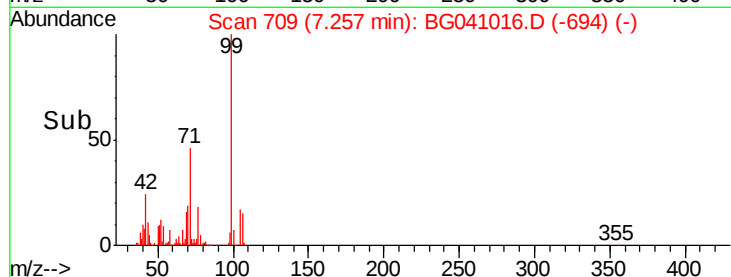
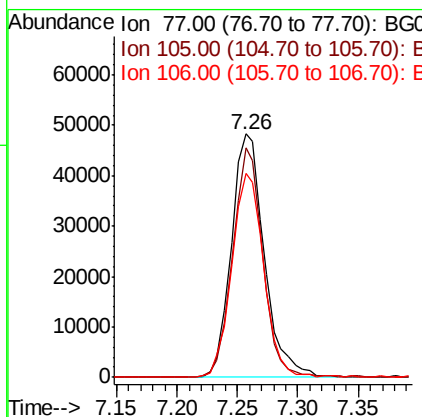
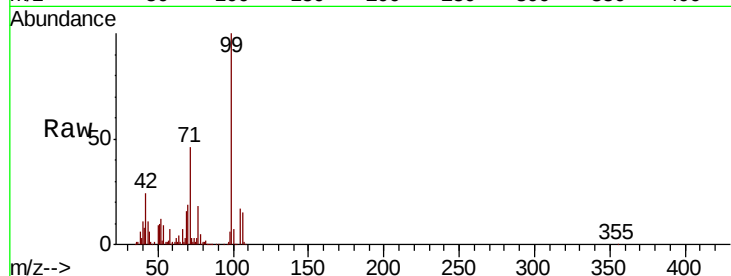
ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	94.4	78.9	118.9
106	83.9	76.7	116.7

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#10

Phenol

Concen: 45.372 ng

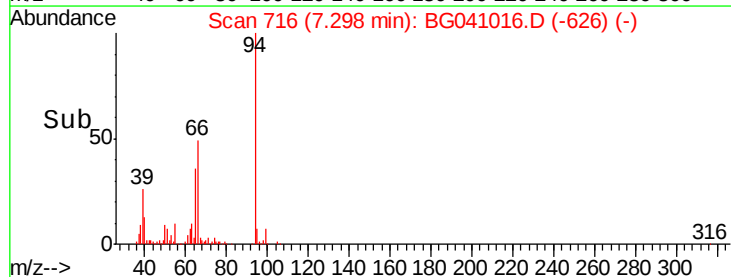
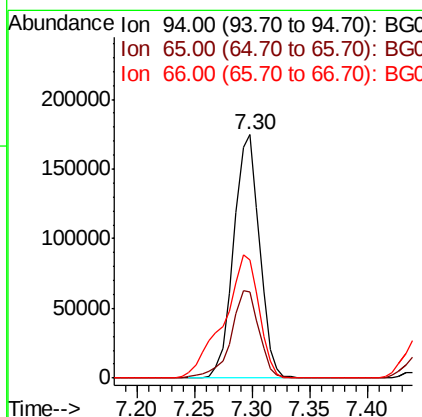
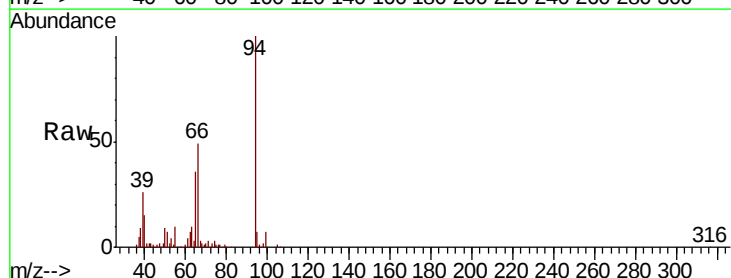
RT: 7.30 min Scan# 716

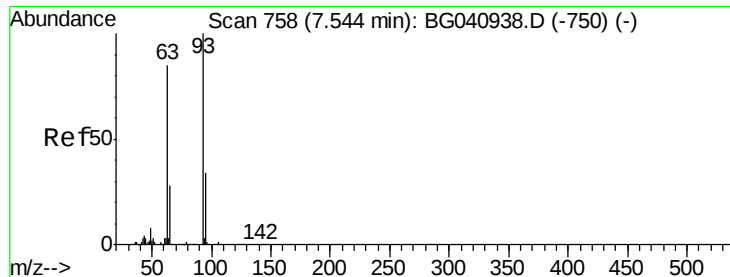
Delta R.T. 0.00 min

Lab File: BG041016.D

Acq: 1 Jun 2019 17:27

Tgt Ion	Ratio	Lower	Upper
94	100		
65	35.5	17.0	57.0
66	48.8	32.4	72.4





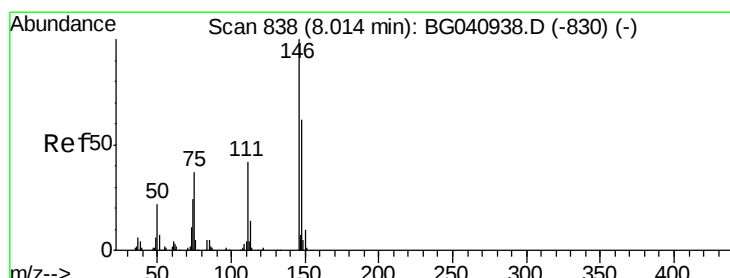
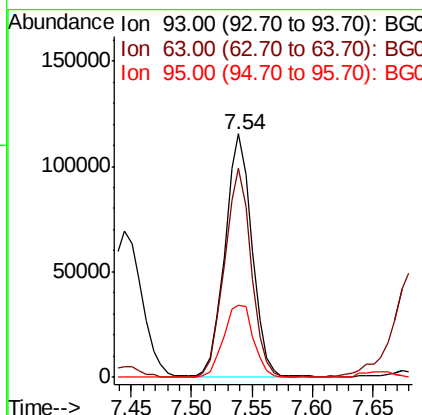
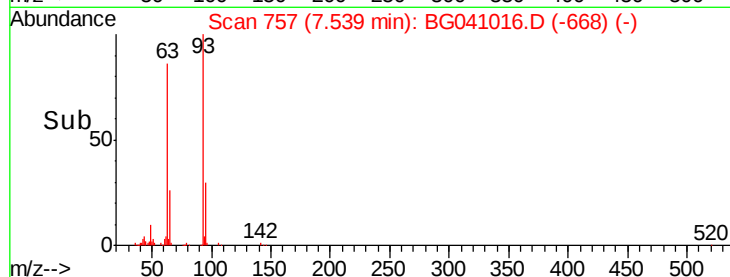
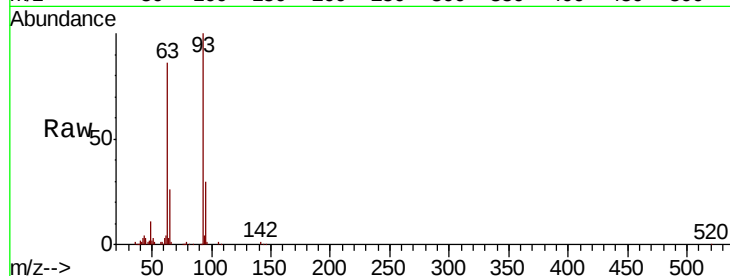
#11
bis(2-Chloroethyl)ether
Concen: 41.499 ng
RT: 7.54 min Scan# 757
Delta R.T. -0.00 min
Lab File: BG041016.D
Acq: 1 Jun 2019 17:27

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-B1-C1-B1A-C1AMSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	85.7	64.5	104.5
95	29.7	13.3	53.3

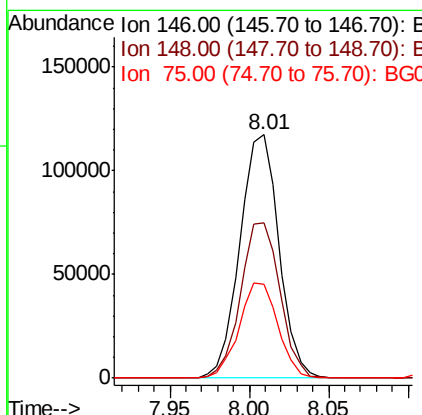
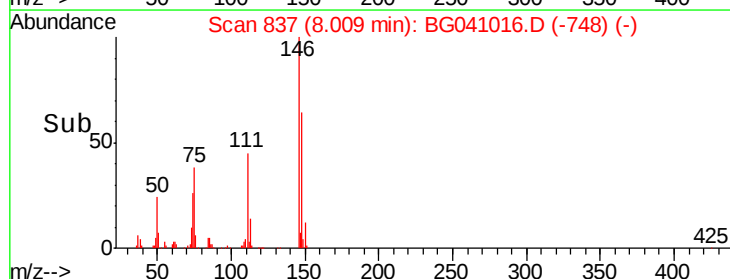
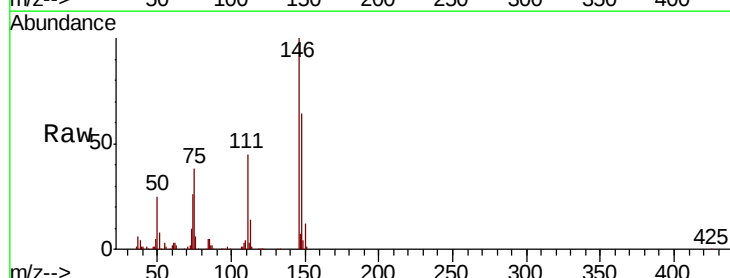
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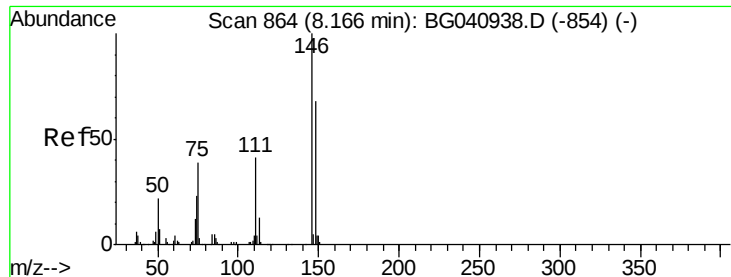
mohammad
6/3/2019 8:50:52 AM



#12
1,3-Dichlorobenzene
Concen: 39.062 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG041016.D
Acq: 1 Jun 2019 17:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	49.2	73.8
75	38.4	29.4	44.0





#13

1,4-Dichlorobenzene

Concen: 40.040 ng

RT: 8.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: BG041016.D

Acq: 1 Jun 2019 17:27

Instrument :

BNA_G

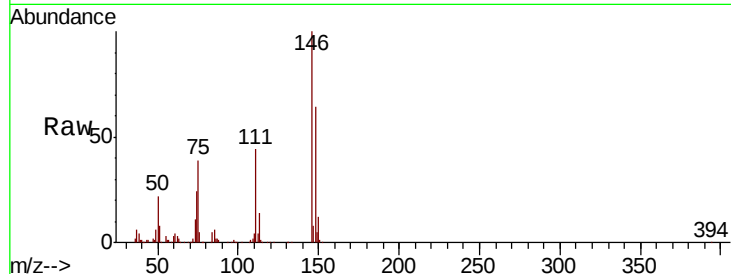
ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMSD

Tot Ion:	146	Resp:	208053
Ion Ratio	Lower	Upper	
146	100		
148	63.6	54.2	81.4
111	44.4	32.9	49.3

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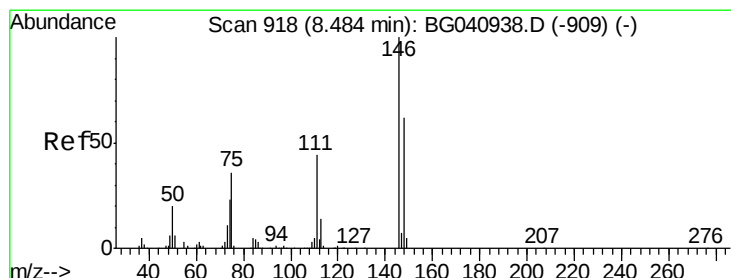
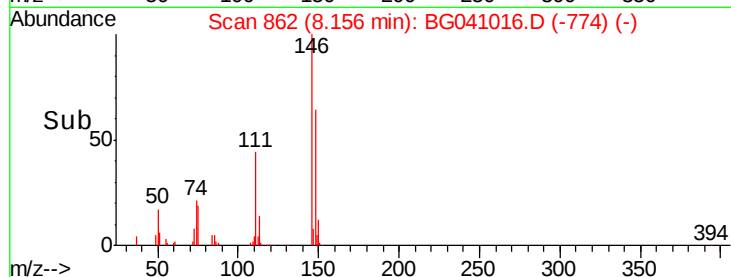
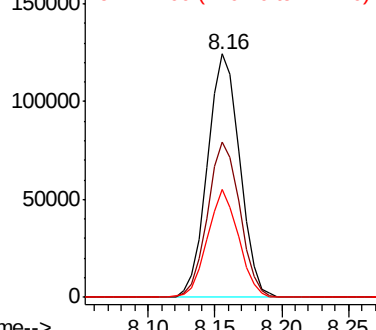


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.536 ng

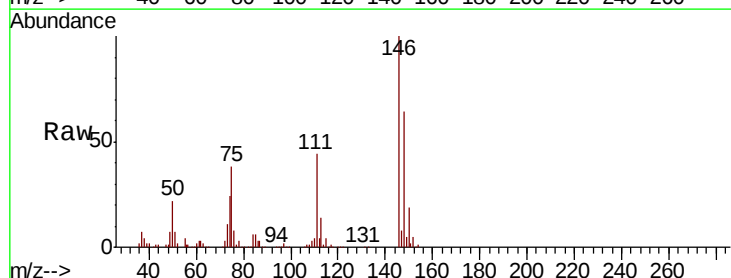
RT: 8.47 min Scan# 916

Delta R.T. -0.01 min

Lab File: BG041016.D

Acq: 1 Jun 2019 17:27

Tgt Ion:	146	Resp:	199470
Ion Ratio	Lower	Upper	
146	100		
148	64.1	49.8	74.6
111	44.5	35.0	52.4

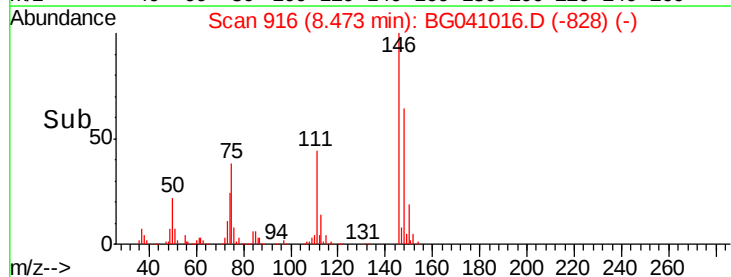
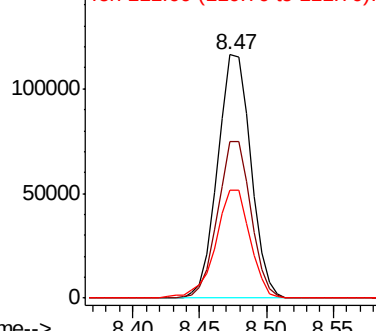


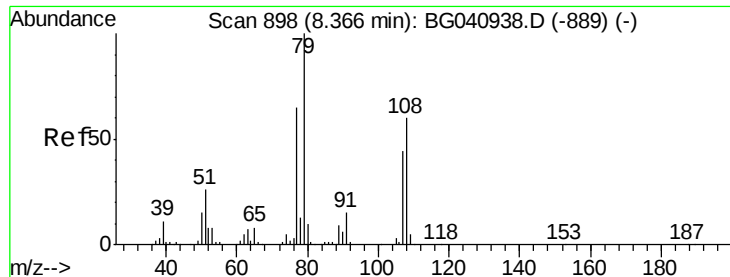
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.619 ng

RT: 8.36 min Scan# 897

Delta R.T. -0.00 min

Lab File: BG041016.D

Acq: 1 Jun 2019 17:27

Instrument :

BNA_G

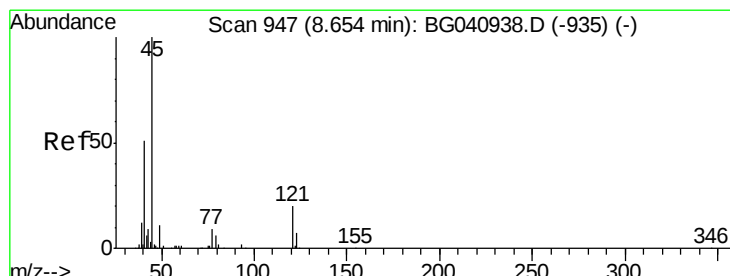
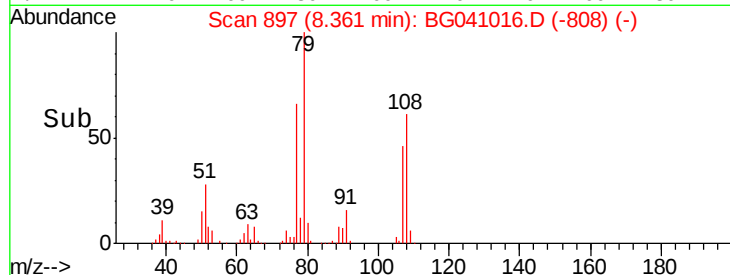
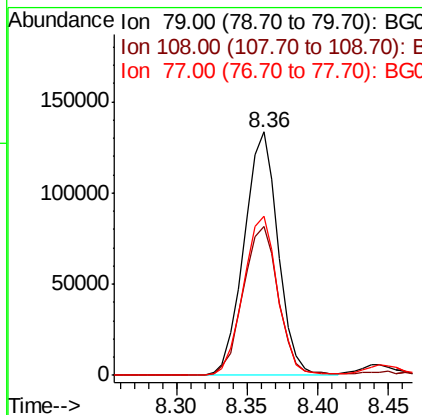
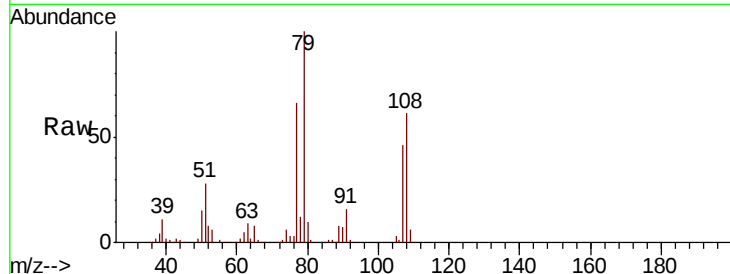
ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMSD

Tot Ion:	79	Resp:	224660
Ion Ratio	Lower	Upper	
79	100		
108	61.2	48.3	72.5
77	65.6	52.3	78.5

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#16

2,2'-oxybis(1-chloropropane)

Concen: 41.082 ng

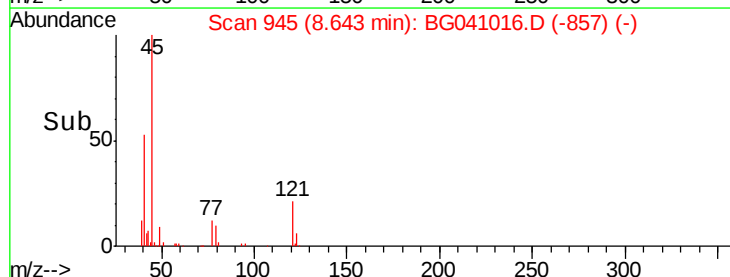
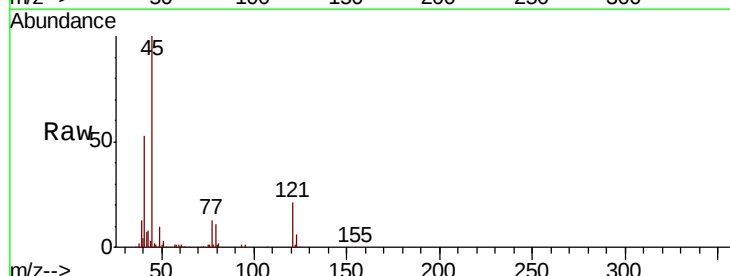
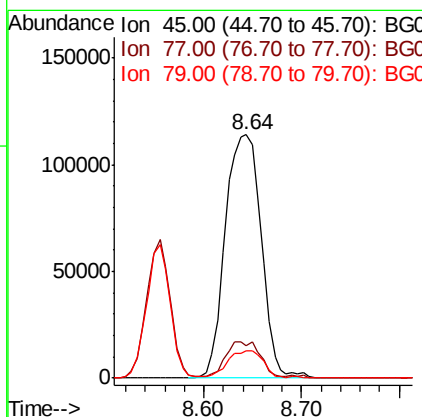
RT: 8.64 min Scan# 945

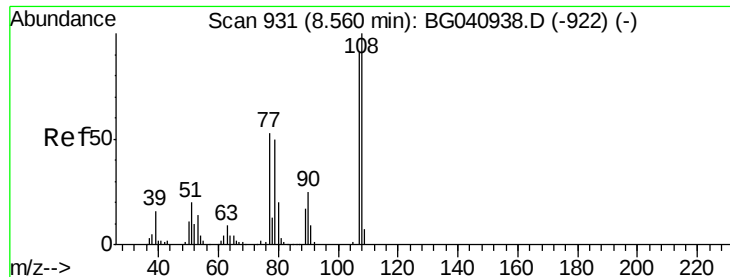
Delta R.T. -0.01 min

Lab File: BG041016.D

Acq: 1 Jun 2019 17:27

Tgt Ion:	45	Resp:	290726
Ion Ratio	Lower	Upper	
45	100		
77	13.3	0.0	33.7
79	11.0	0.0	30.2





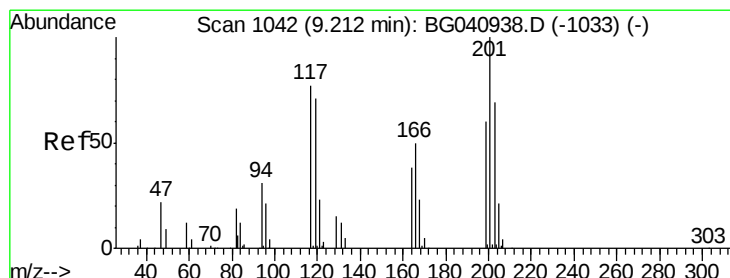
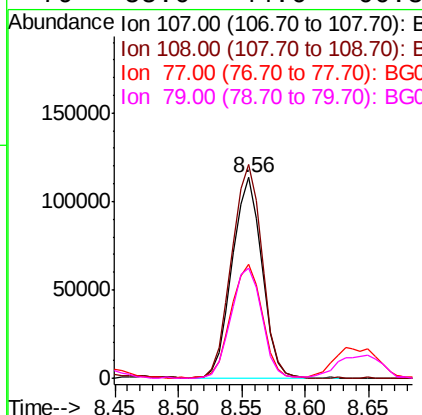
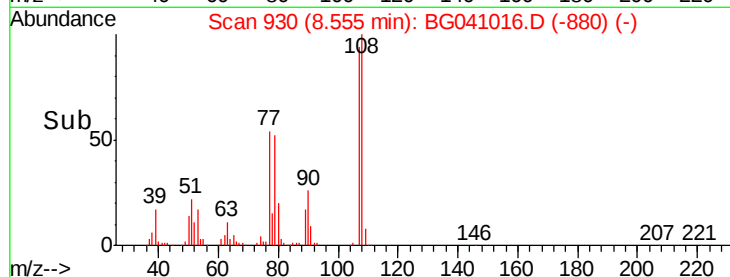
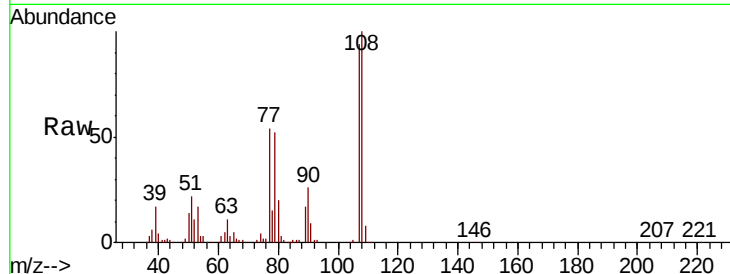
#17
2-Methylphenol
Concen: 42.895 ng
RT: 8.56 min Scan# 930
Delta R.T. -0.00 min
Lab File: BG041016.D
Acq: 1 Jun 2019 17:27

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-B1-C1-B1A-C1AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107.00	100	185411		
108	108.00	106.4	87.7	131.5	
77	77.00	57.1	46.6	70.0	
79	79.00	55.0	44.6	66.8	

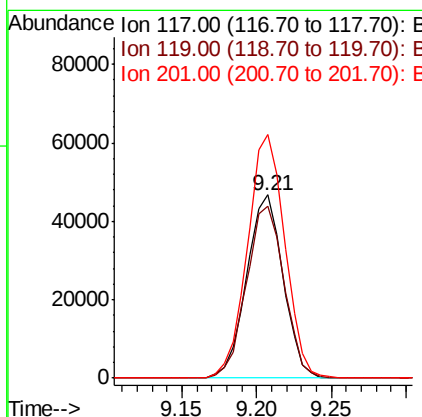
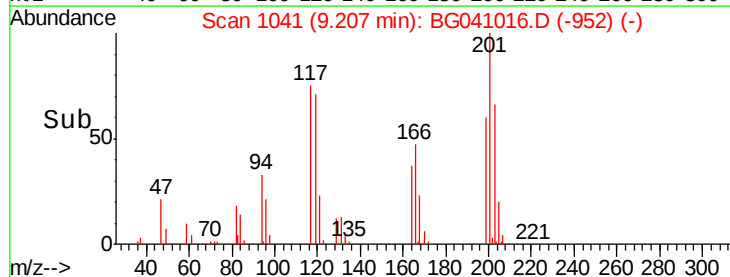
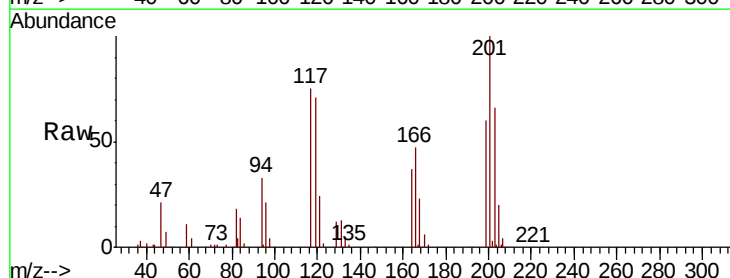
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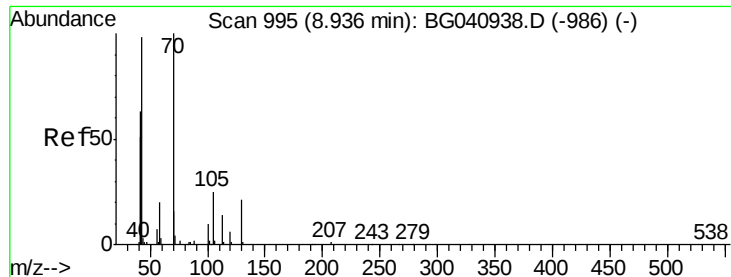
mohammad
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#18
Hexachloroethane
Concen: 39.339 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BG041016.D
Acq: 1 Jun 2019 17:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117.00	100	78784		
119	119.00	93.7	75.0	112.6	
201	201.00	132.8	103.5	155.3	





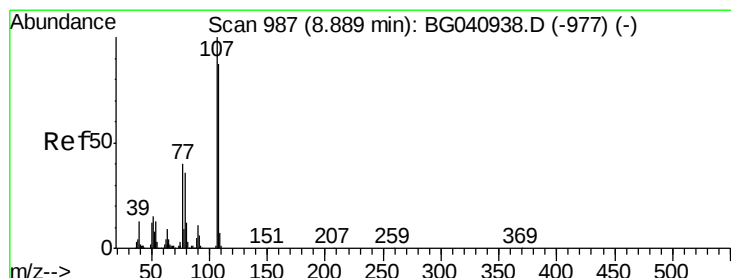
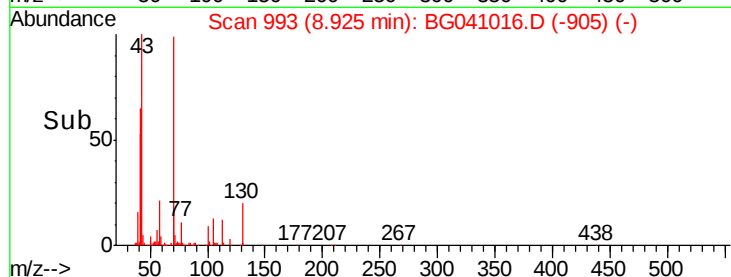
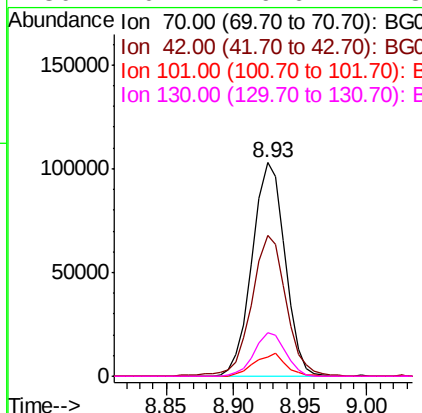
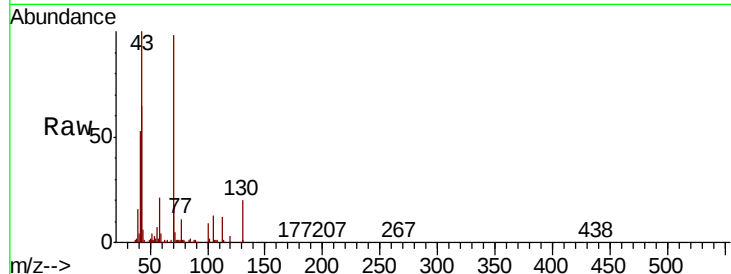
#19
n-Nitroso-di-n-propylamine
Concen: 40.719 ng
RT: 8.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BG041016.D
Acq: 1 Jun 2019 17:27

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-B1-C1-B1A-C1AMSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	66.0	51.5	77.3	
101	9.0	8.1	12.1	
130	20.4	16.6	24.8	

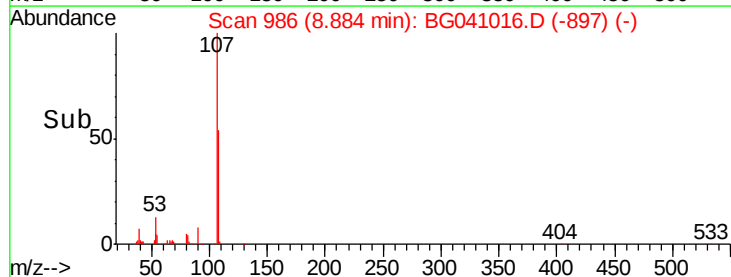
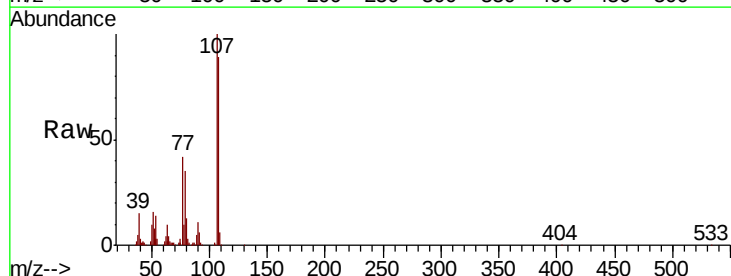
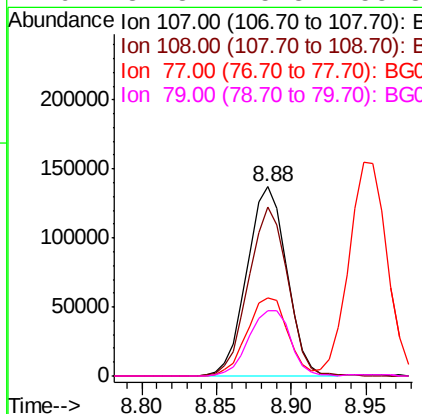
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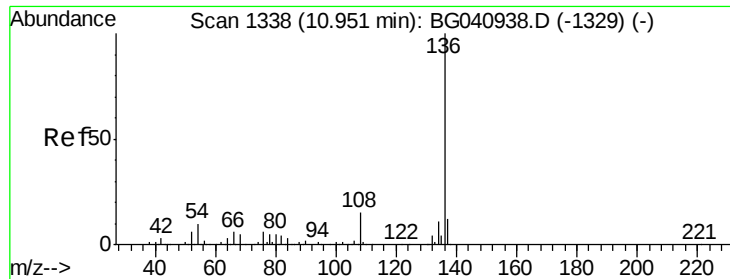
mohammad
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#20
3+4-Methylphenols
Concen: 42.268 ng
RT: 8.88 min Scan# 986
Delta R.T. -0.00 min
Lab File: BG041016.D
Acq: 1 Jun 2019 17:27

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.4	66.8	106.8	
77	41.6	20.5	60.5	
79	34.8	15.8	55.8	





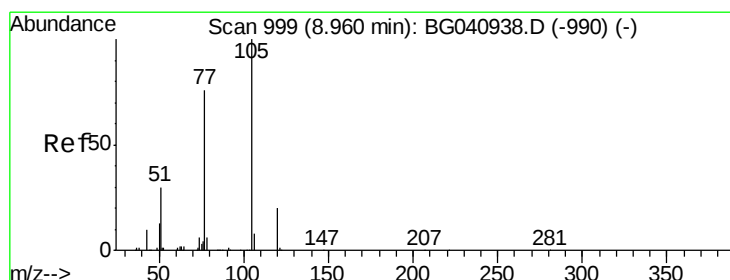
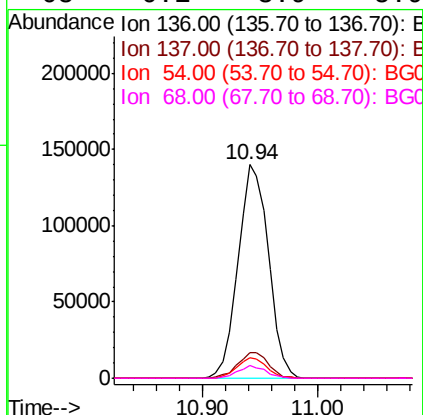
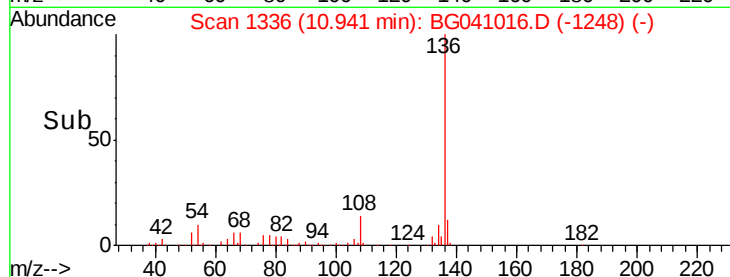
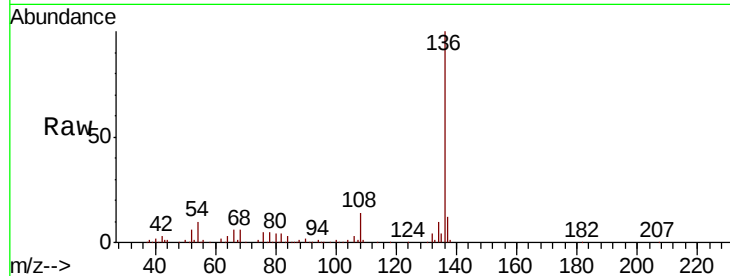
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BG041016.D
Acq: 1 Jun 2019 17:27

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-B1-C1-B1A-C1AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		254915		
137	12.1		9.5	14.3	
54	9.9		7.6	11.4	
68	6.1		3.9	5.9	

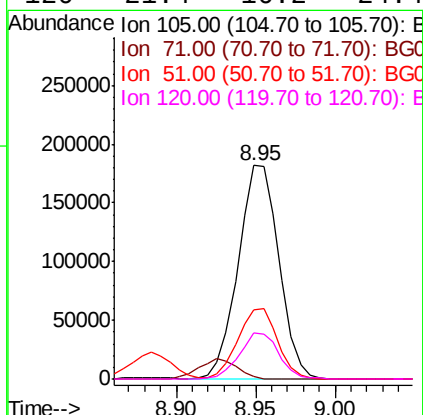
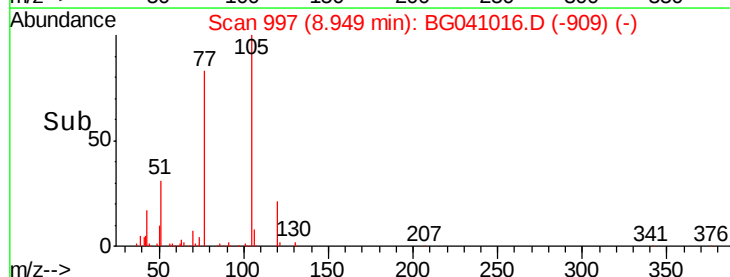
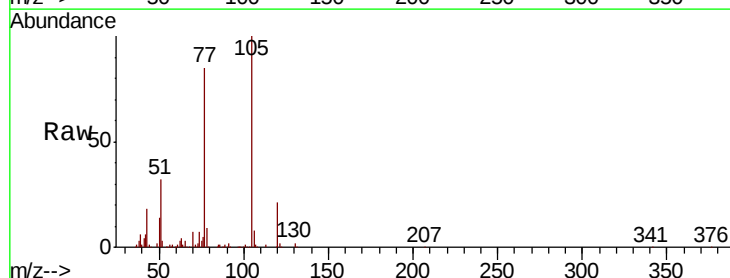
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#22
Acetophenone
Concen: 45.071 ng
RT: 8.95 min Scan# 997
Delta R.T. -0.01 min
Lab File: BG041016.D
Acq: 1 Jun 2019 17:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		322294		
71	1.4		0.4	0.6	
51	32.2		27.0	40.6	
120	21.4		16.2	24.4	





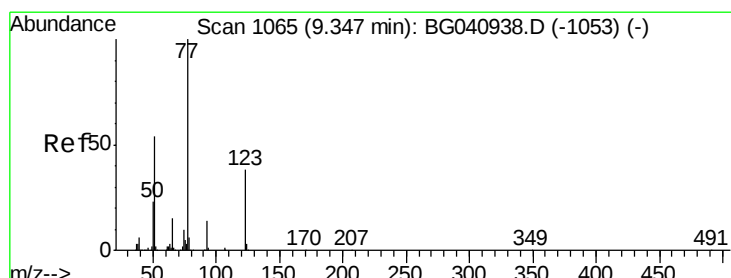
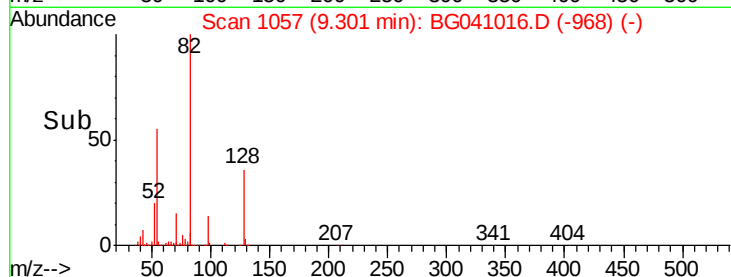
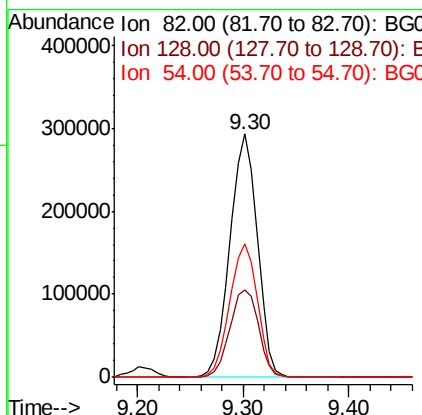
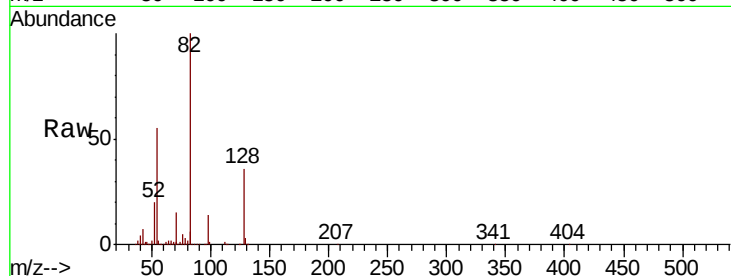
#23
 Nitrobenzene-d5
 Concen: 91.372 ng
 RT: 9.30 min Scan# 1057
 Delta R.T. -0.00 min
 Lab File: BG041016.D
 Acq: 1 Jun 2019 17:27

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-B1-C1-B1A-C1AMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	36.0	30.5	45.7
54	54.7	44.6	66.8

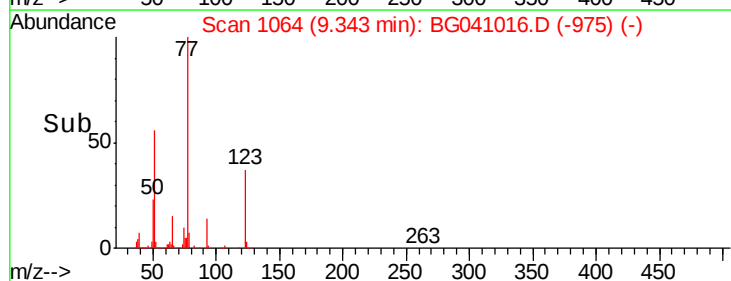
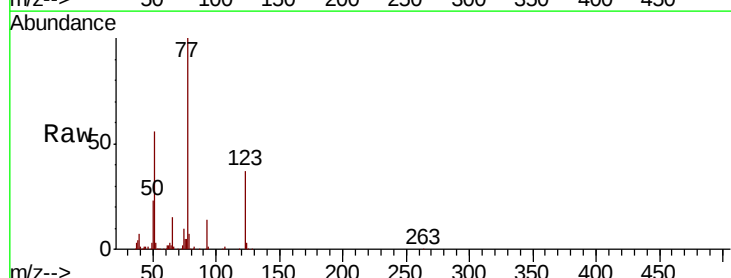
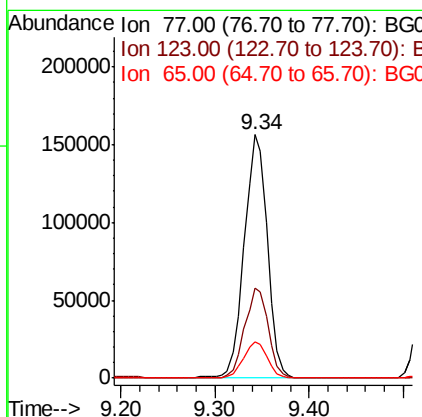
Manual Integrations
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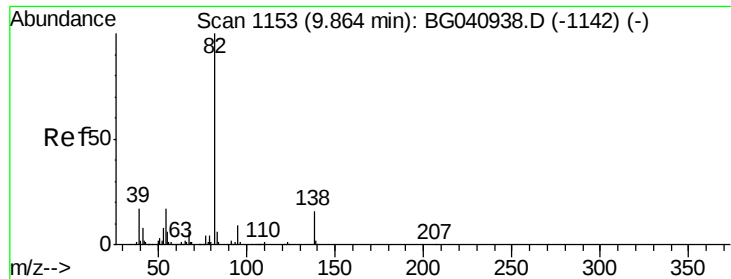
mohammad
 6/3/2019 8:50:52 AM



#24
 Nitrobenzene
 Concen: 45.502 ng
 RT: 9.34 min Scan# 1064
 Delta R.T. -0.00 min
 Lab File: BG041016.D
 Acq: 1 Jun 2019 17:27

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.1	30.6	46.0
65	15.1	12.3	18.5





#25

Isophorone

Concen: 45.594 ng

RT: 9.86 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BG041016.D

Acq: 1 Jun 2019 17:27

Instrument :

BNA_G

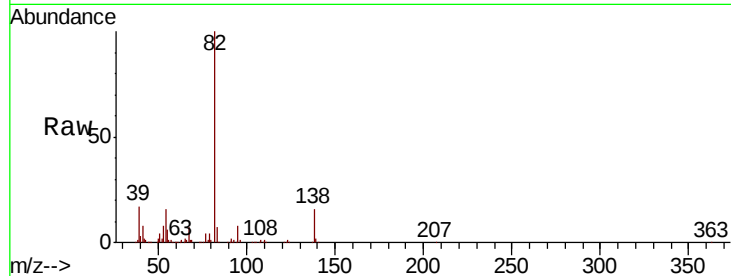
ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMSD

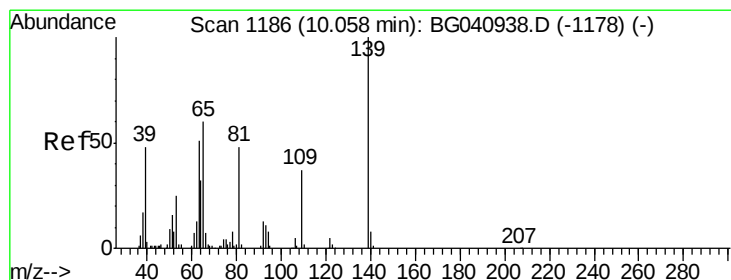
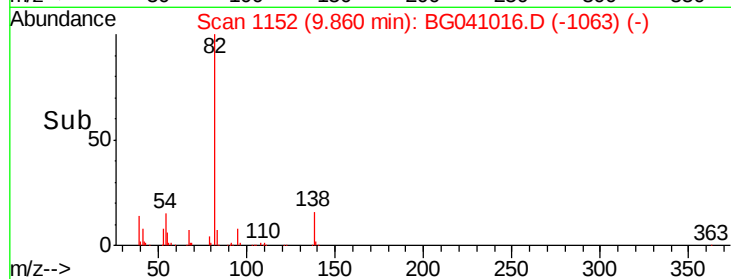
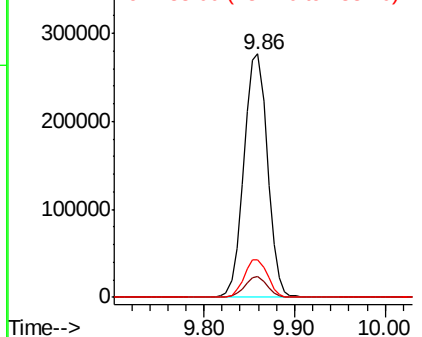
Tot Ion	82	Resp	498242
Ion Ratio	Lower	Upper	
82	100		
95	8.5	7.0	10.4
138	15.7	12.6	19.0

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Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 48.290 ng

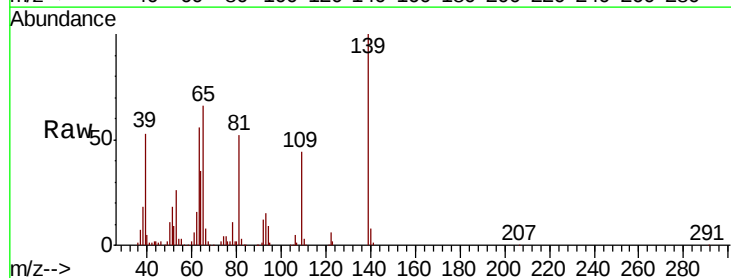
RT: 10.05 min Scan# 1185

Delta R.T. -0.00 min

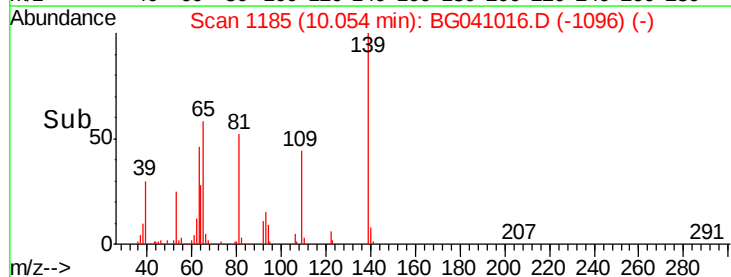
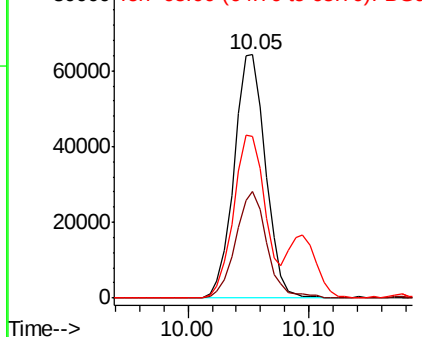
Lab File: BG041016.D

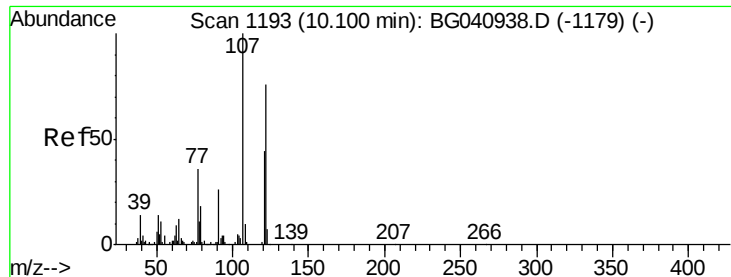
Acq: 1 Jun 2019 17:27

Tgt Ion	139	Resp	116495
Ion Ratio	Lower	Upper	
139	100		
109	43.7	29.8	44.6
65	66.3	47.8	71.6



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





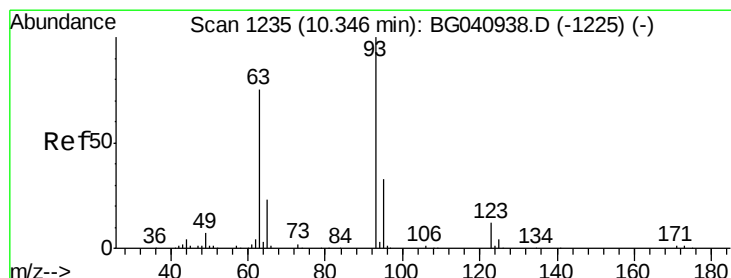
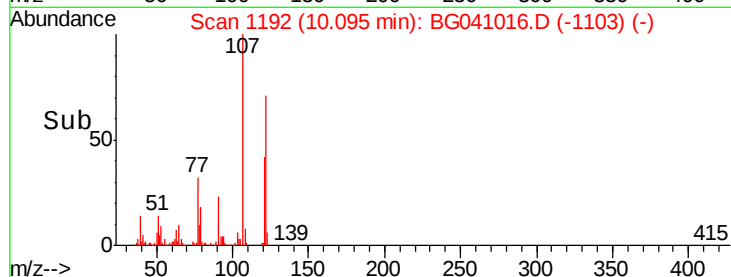
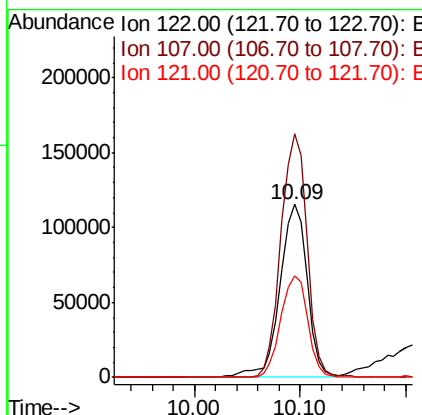
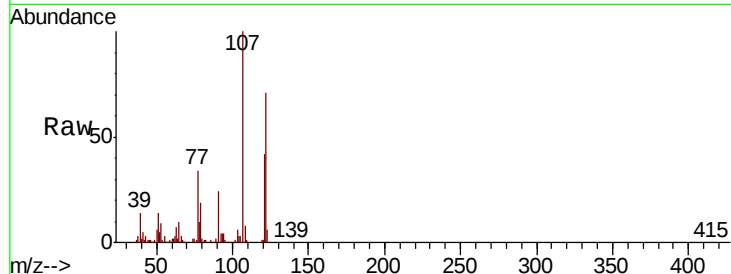
#27
2,4-Dimethylphenol
Concen: 51.585 ng
RT: 10.09 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BG041016.D
Acq: 1 Jun 2019 17:27

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-B1-C1-B1A-C1AMSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	141.0	105.9	158.9	
121	58.9	46.2	69.4	

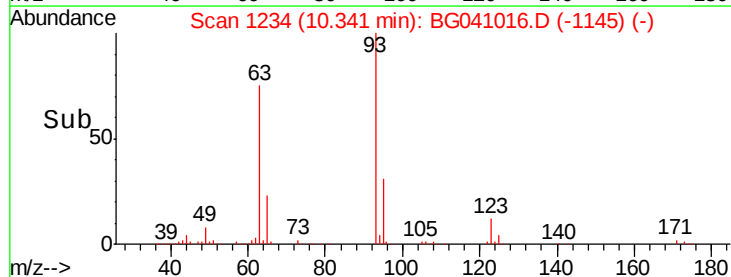
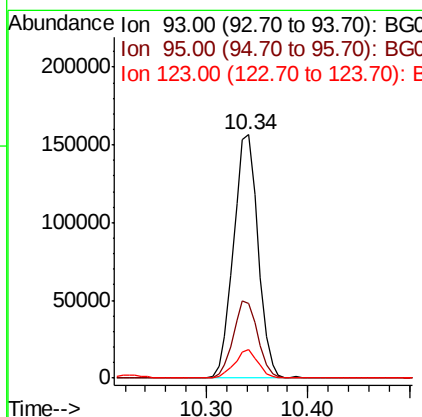
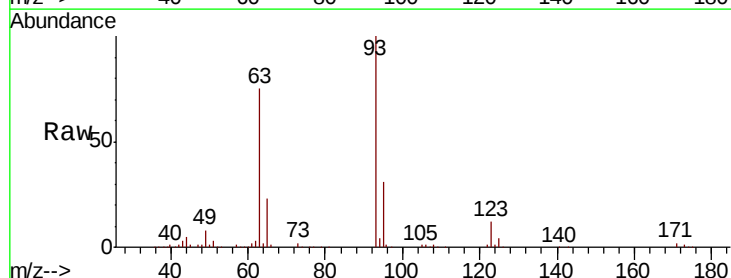
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#28
bis(2-Chloroethoxy)methane
Concen: 44.739 ng
RT: 10.34 min Scan# 1234
Delta R.T. -0.00 min
Lab File: BG041016.D
Acq: 1 Jun 2019 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	30.9	26.2	39.2	
123	11.6	9.5	14.3	





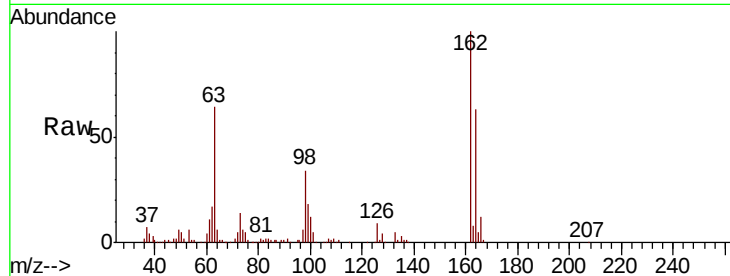
#29
2,4-Dichlorophenol
Concen: 45.239 ng
RT: 10.58 min Scan# 1275
Delta R.T. -0.00 min
Lab File: BG041016.D
Acq: 1 Jun 2019 17:27

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-B1-C1-B1A-C1AMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	228886		
164	62.6	39.4	79.4	
98	34.3	15.3	55.3	

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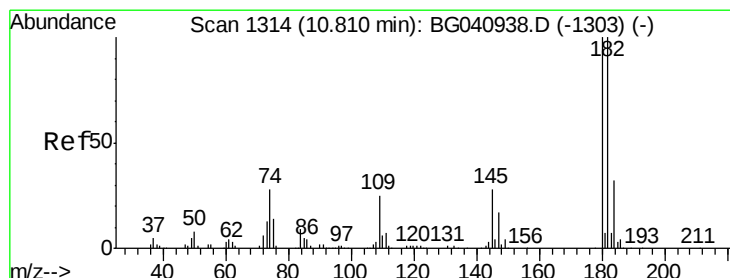
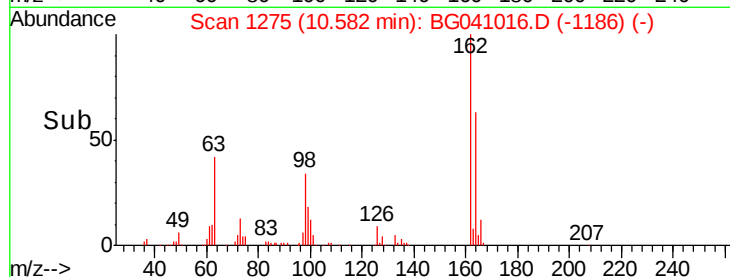
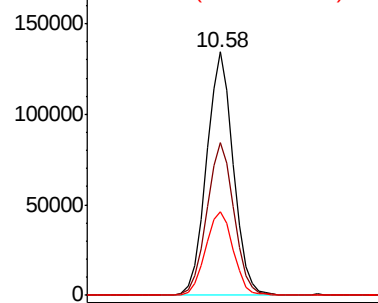


Abundance

Ion 162.00 (161.70 to 162.70): E

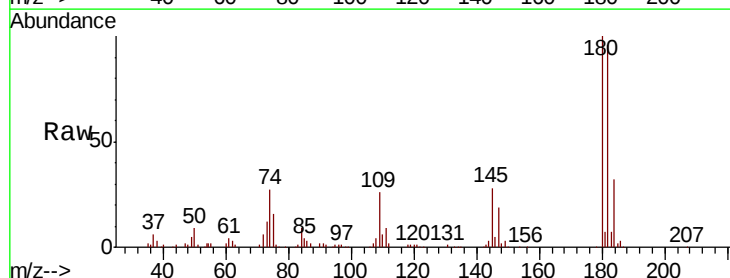
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
1,2,4-Trichlorobenzene
Concen: 43.497 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BG041016.D
Acq: 1 Jun 2019 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	250350		
182	96.2	79.7	119.5	
145	28.1	22.6	34.0	

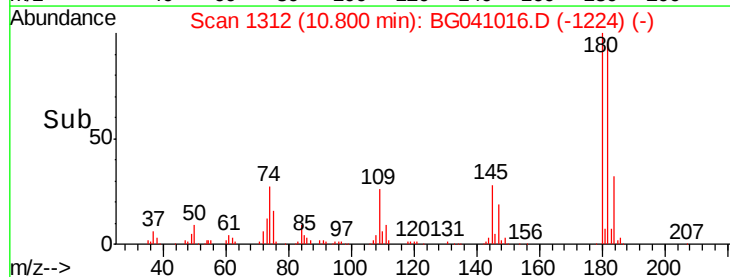
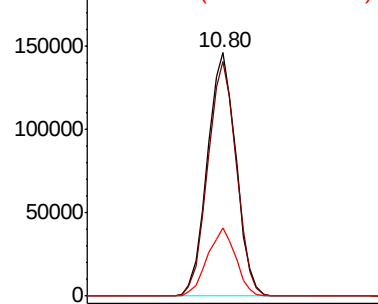


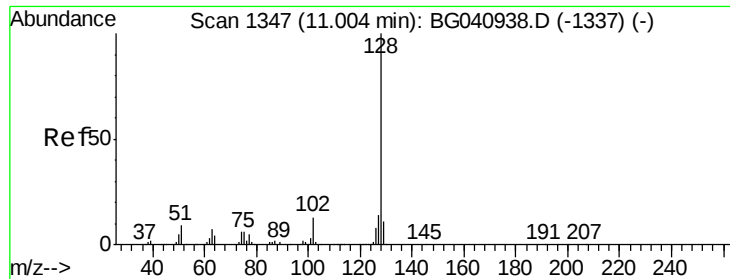
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





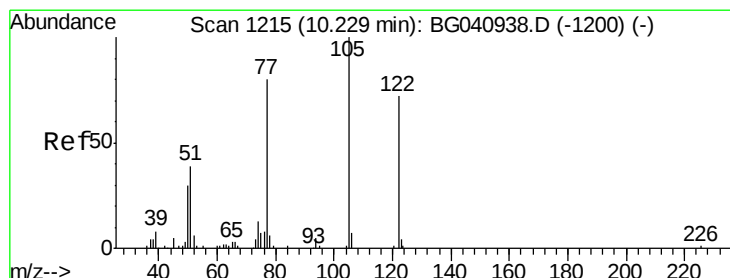
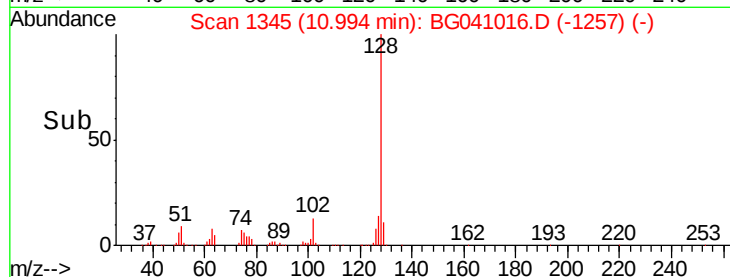
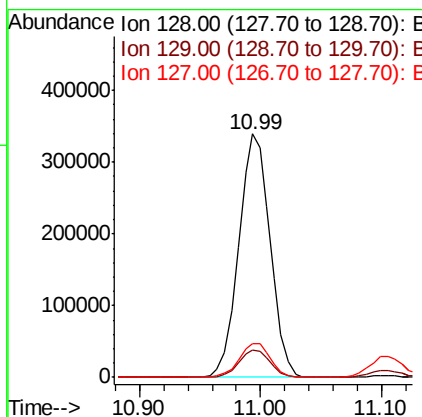
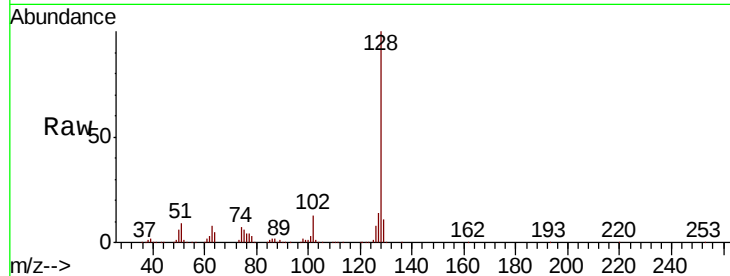
#31
Naphthalene
Concen: 44.594 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BG041016.D
Acq: 1 Jun 2019 17:27

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-B1-C1-B1A-C1AMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.5	12.7
127	14.1	11.4	17.2

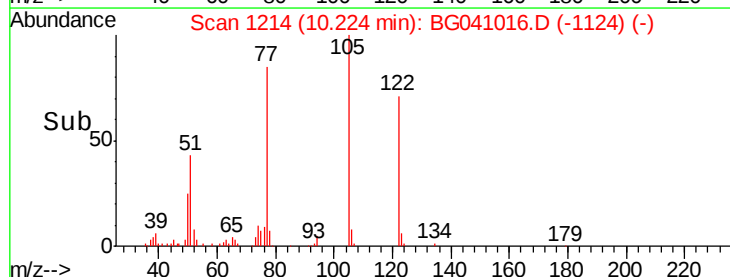
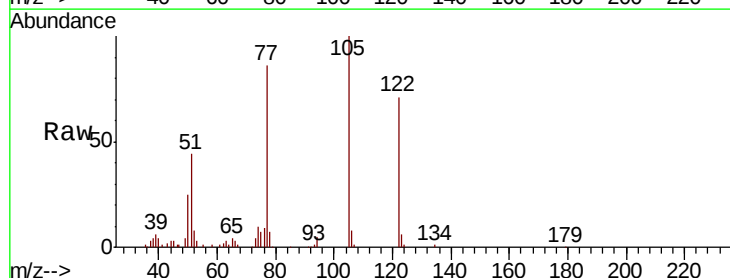
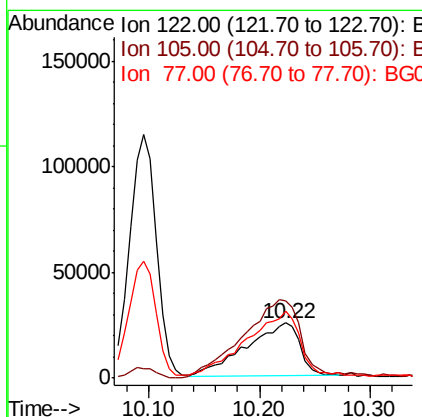
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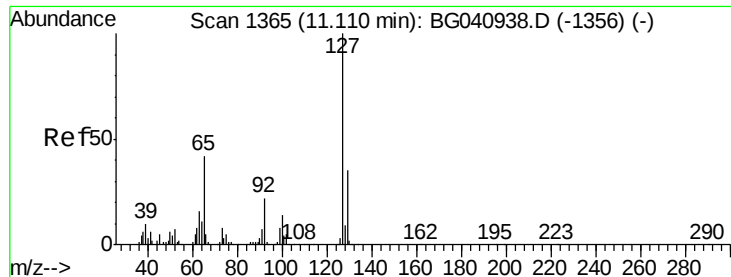
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#32
Benzoic acid
Concen: 31.274 ng
RT: 10.22 min Scan# 1214
Delta R.T. -0.00 min
Lab File: BG041016.D
Acq: 1 Jun 2019 17:27

Tgt Ion	Ratio	Lower	Upper
122	100		
105	140.3	114.8	154.8
77	120.6	89.9	129.9





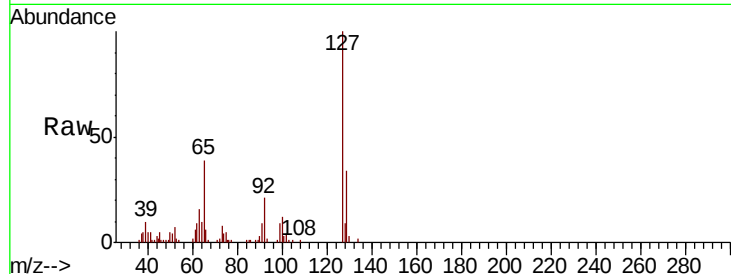
#33
4-Chloroaniline
Concen: 9.505 ng
RT: 11.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BG041016.D
Acq: 1 Jun 2019 17:27

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-B1-C1-B1A-C1AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		60359		
129	34.0	27.7	41.5		
65	38.6	33.2	49.8		
92	21.1	17.2	25.8		

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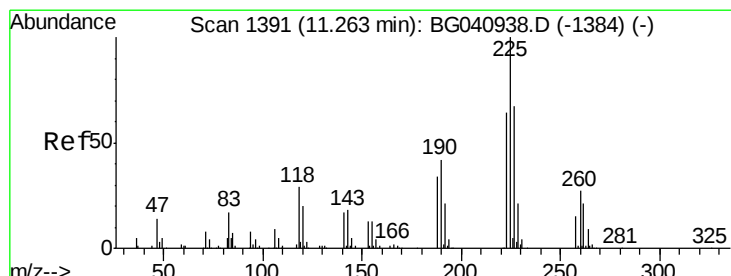
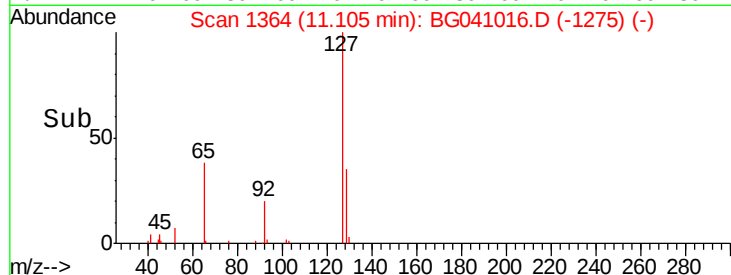
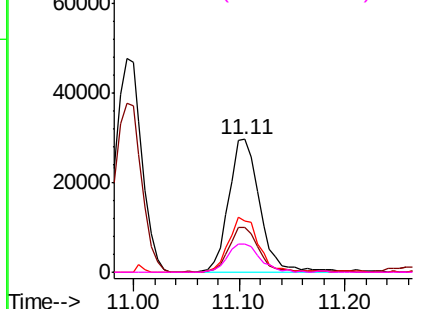
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

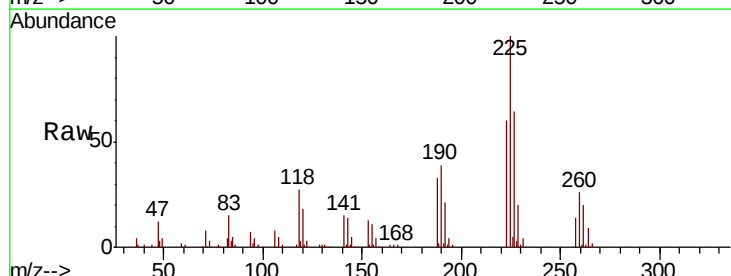
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 42.027 ng
RT: 11.26 min Scan# 1390
Delta R.T. -0.00 min
Lab File: BG041016.D
Acq: 1 Jun 2019 17:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		185084		
223	60.1	48.8	73.2		
227	63.7	51.4	77.0		

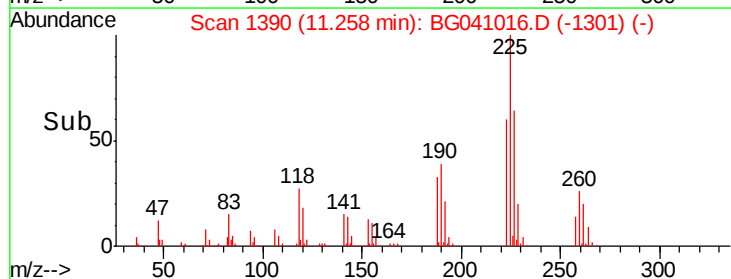
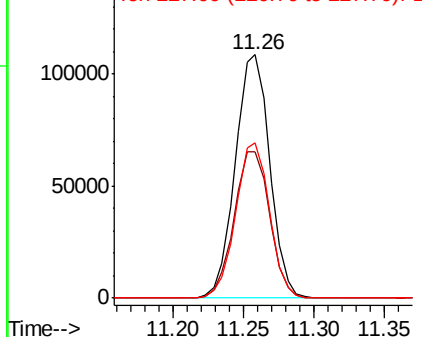


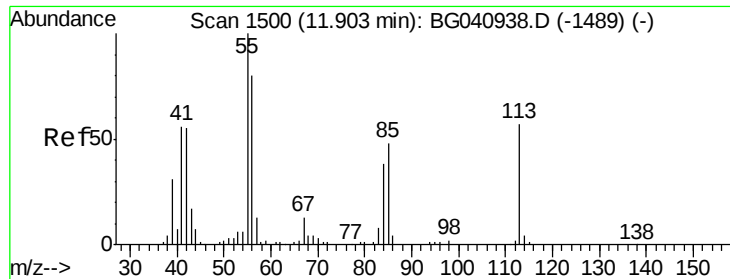
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 41.227 ng/mL

RT: 11.89 min Scan# 1498

Delta R.T. -0.01 min

Lab File: BG041016.D

Acq: 1 Jun 2019 17:27

Instrument :

BNA_G

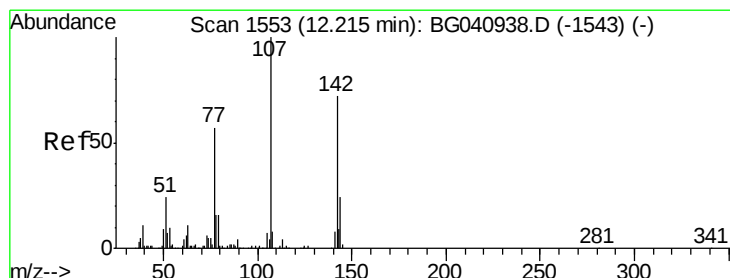
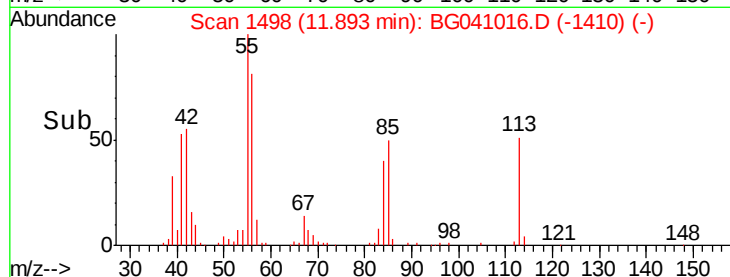
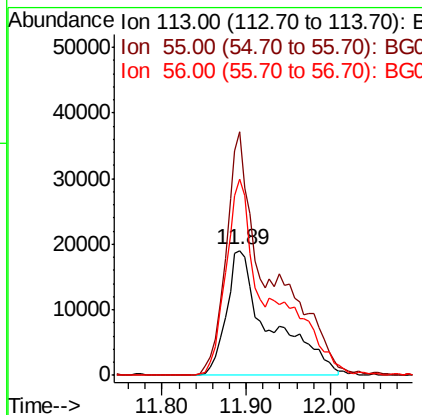
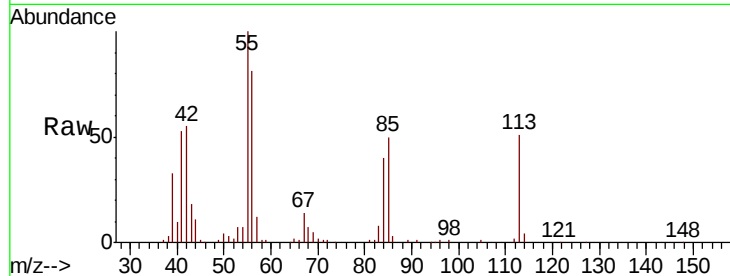
ClientSampleID :

FK-BPM-01-B1-C1-B1A-C1AMSD

Tot Ion:	113	Resp:	68880
Ion	Ratio	Lower	Upper
113	100		
55	195.4	155.9	195.9
56	157.8	119.9	159.9

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#36

4-Chloro-3-methylphenol

Concen: 44.690 ng/mL

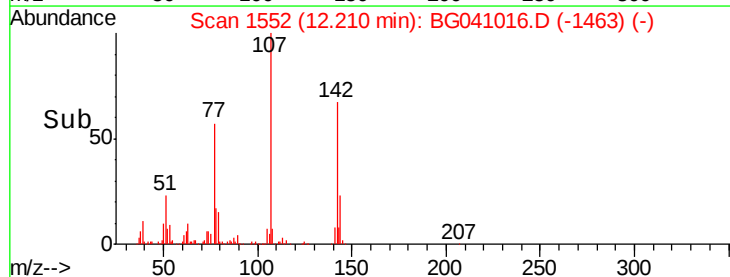
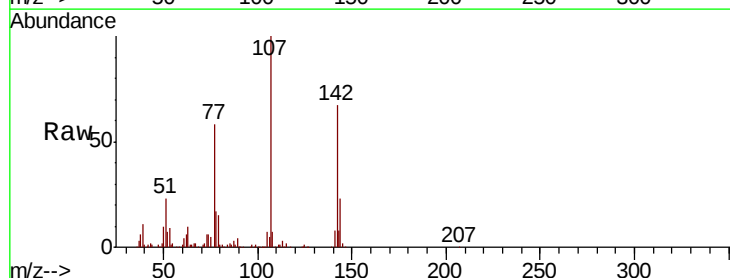
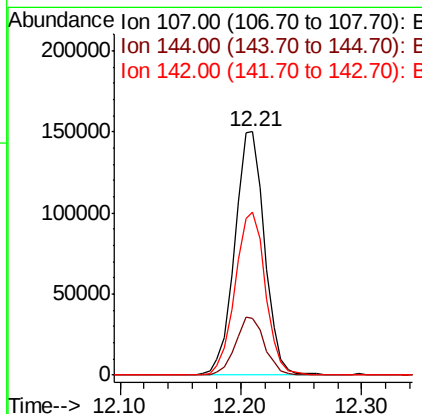
RT: 12.21 min Scan# 1552

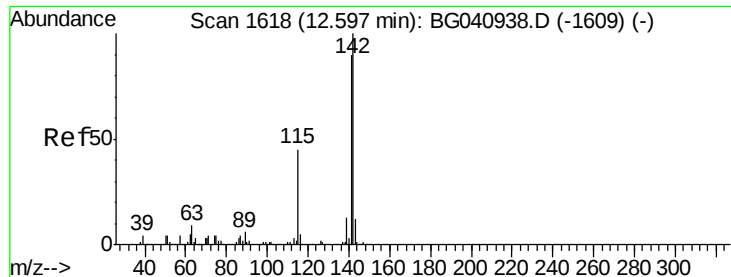
Delta R.T. -0.00 min

Lab File: BG041016.D

Acq: 1 Jun 2019 17:27

Tgt Ion:	107	Resp:	258230
Ion	Ratio	Lower	Upper
107	100		
144	23.2	19.4	29.0
142	67.1	57.3	85.9





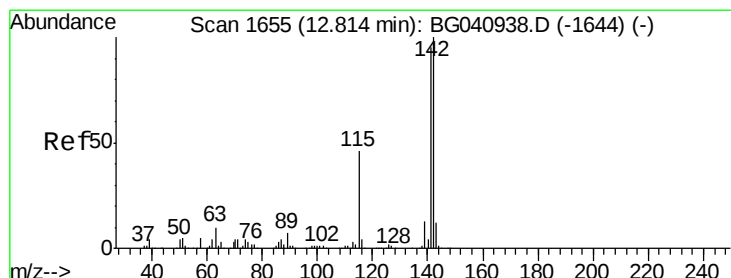
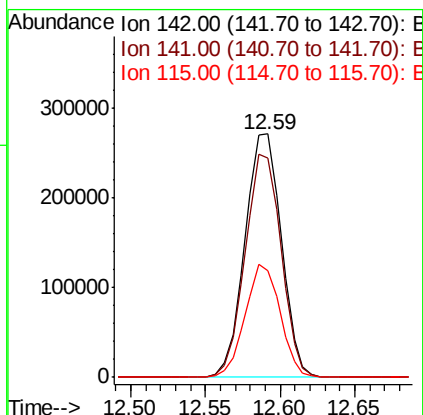
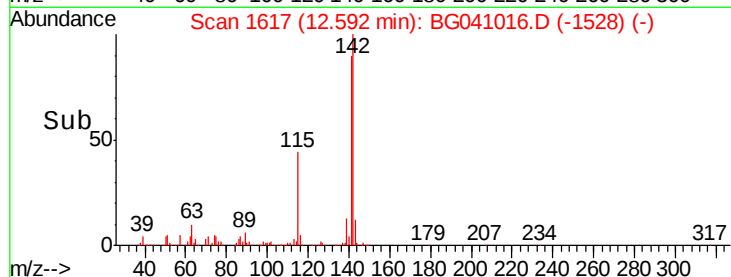
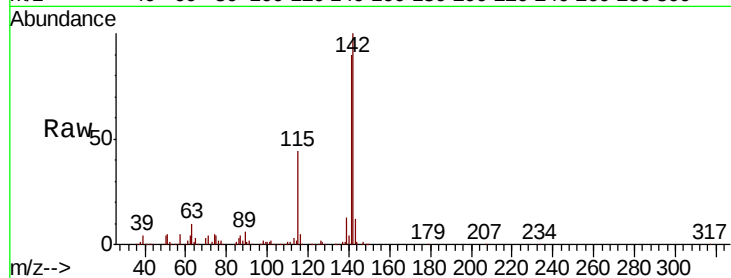
#37
2-Methylnaphthalene
Concen: 43.437 ng
RT: 12.59 min Scan# 1617
Delta R.T. -0.00 min
Lab File: BG041016.D
Acq: 1 Jun 2019 17:27

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-B1-C1-B1A-C1AMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	72.2	108.4
115	43.8	36.2	54.4

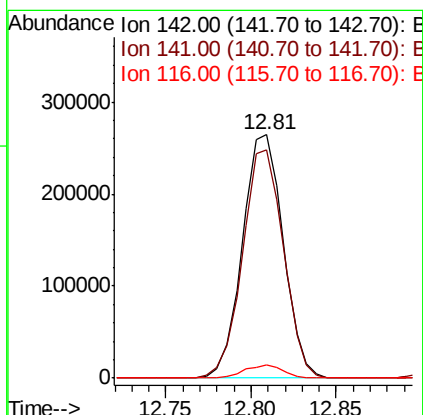
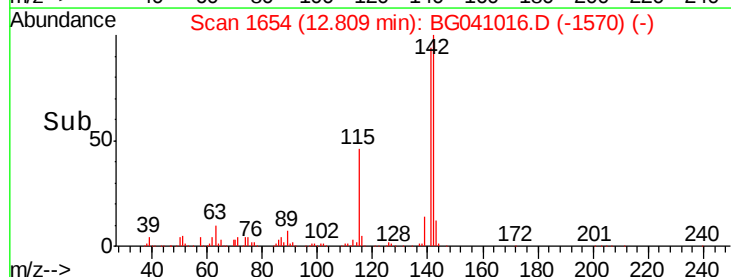
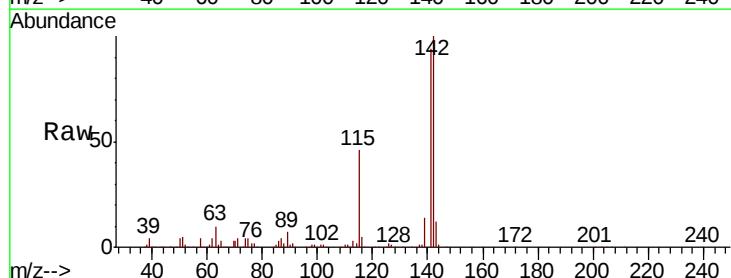
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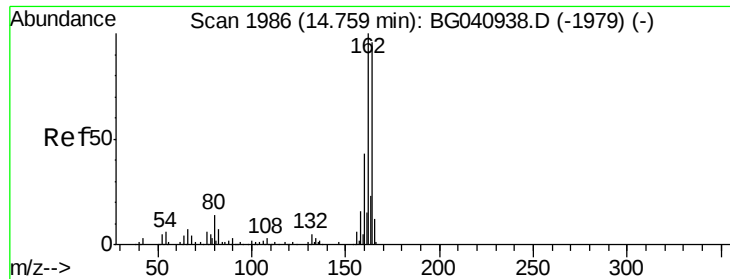
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#38
1-Methylnaphthalene
Concen: 44.148 ng m
RT: 12.81 min Scan# 1654
Delta R.T. -0.00 min
Lab File: BG041016.D
Acq: 1 Jun 2019 17:27

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.9	75.7	113.5
116	5.2	3.4	5.2#





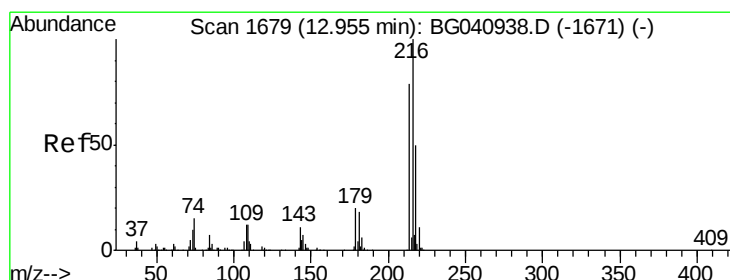
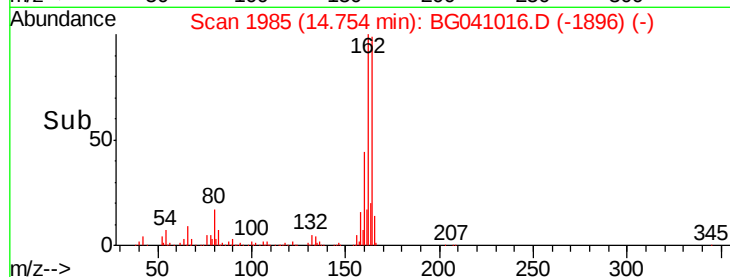
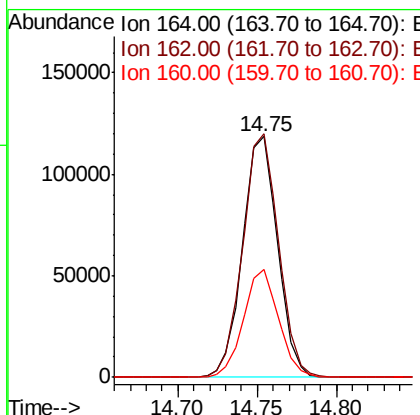
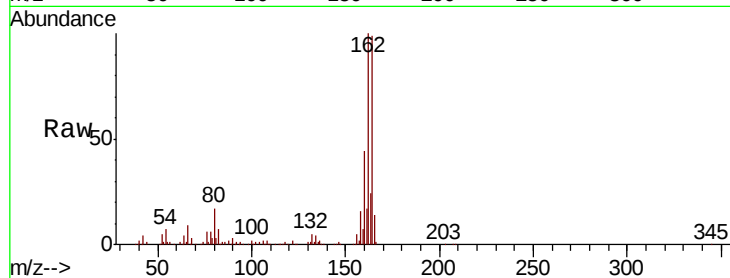
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1985
Delta R.T. -0.00 min
Lab File: BG041016.D
Acq: 1 Jun 2019 17:27

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-B1-C1-B1A-C1AMSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.2	83.0	124.4
160	45.0	35.6	53.4

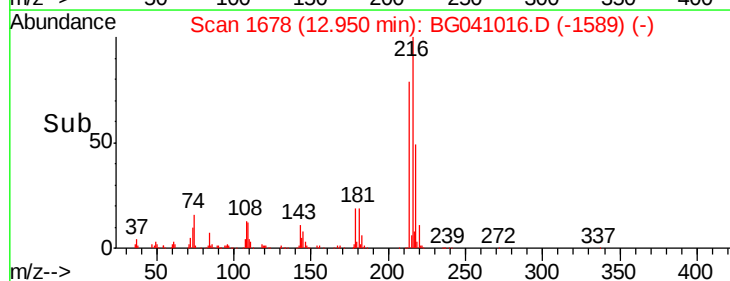
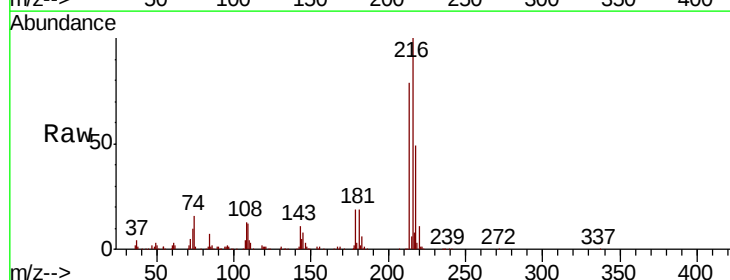
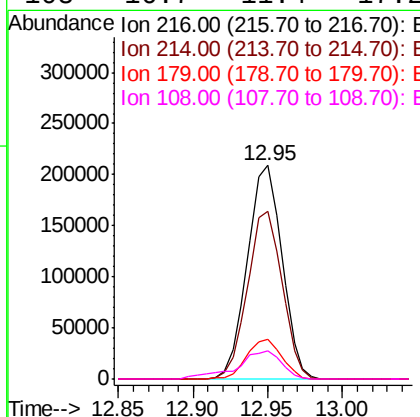
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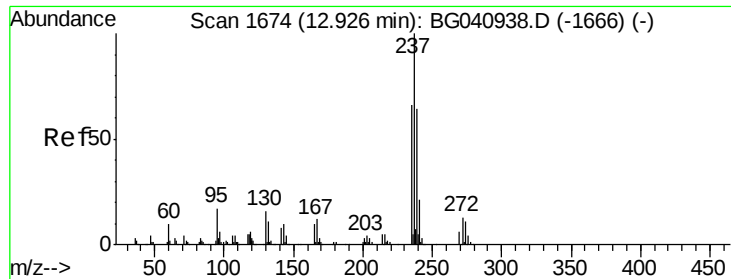
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.759 ng
RT: 12.95 min Scan# 1678
Delta R.T. -0.00 min
Lab File: BG041016.D
Acq: 1 Jun 2019 17:27

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.4	95.2
179	18.9	15.2	22.8
108	16.7	11.4	17.2





#41

Hexachlorocyclopentadiene

Concen: 93.832 ng

RT: 12.91 min Scan# 1672

Delta R.T. -0.01 min

Lab File: BG041016.D

Acq: 1 Jun 2019 17:27

Instrument :

BNA_G

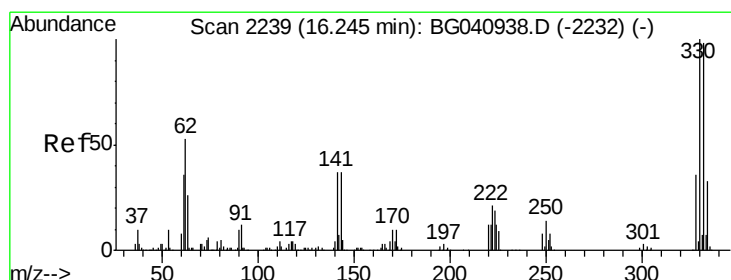
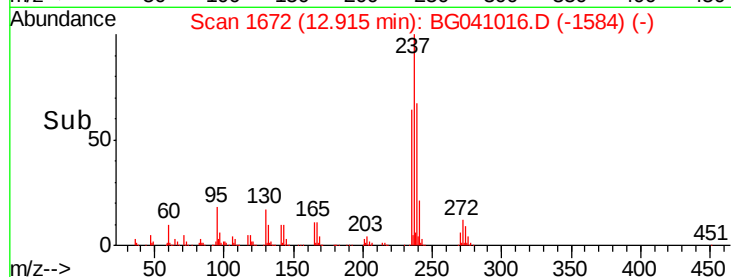
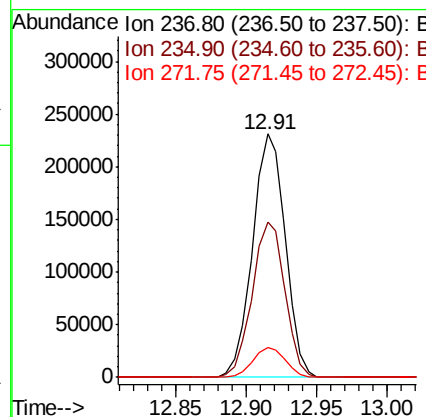
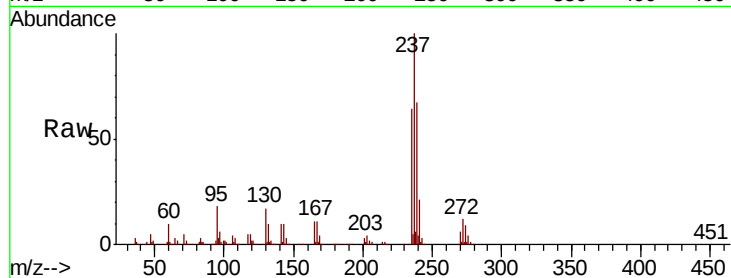
ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMSD

Tot Ion:	237	Resp:	376525
Ion Ratio	Lower	Upper	
237	100		
235	63.9	45.5	85.5
272	12.1	0.0	32.9

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#42

2,4,6-Tribromophenol

Concen: 139.740 ng

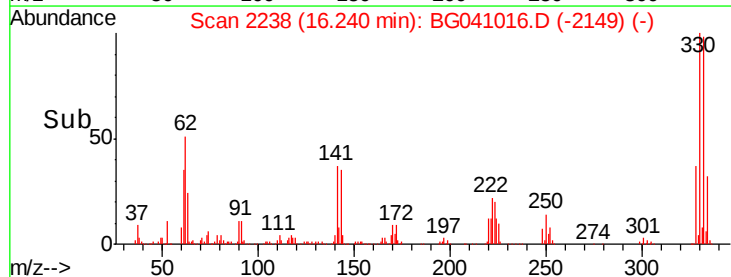
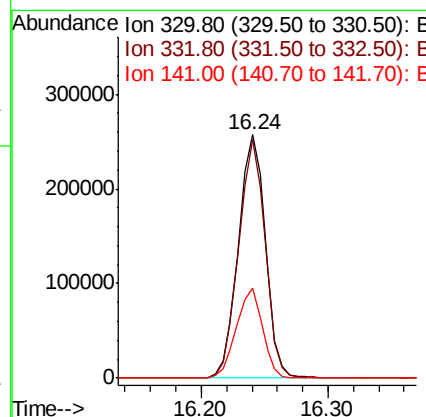
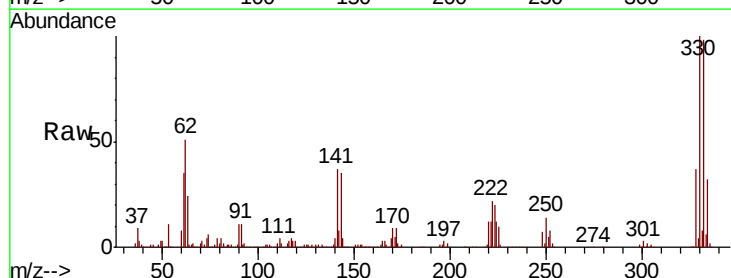
RT: 16.24 min Scan# 2238

Delta R.T. -0.00 min

Lab File: BG041016.D

Acq: 1 Jun 2019 17:27

Tgt Ion:	330	Resp:	377833
Ion Ratio	Lower	Upper	
330	100		
332	96.3	78.5	117.7
141	35.8	28.7	43.1





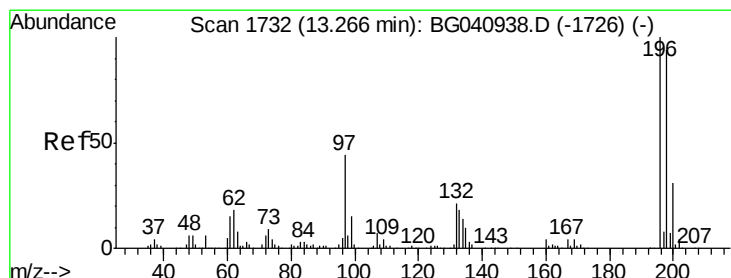
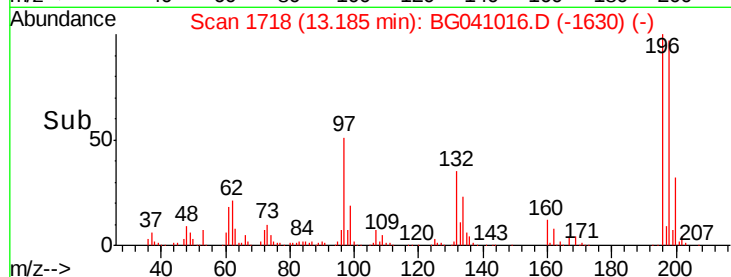
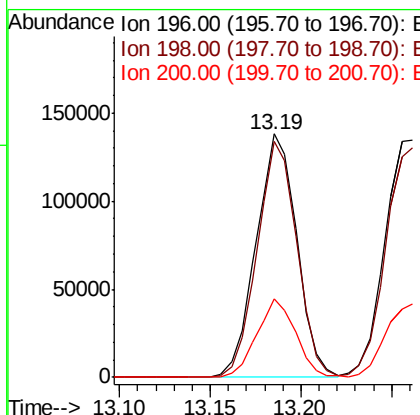
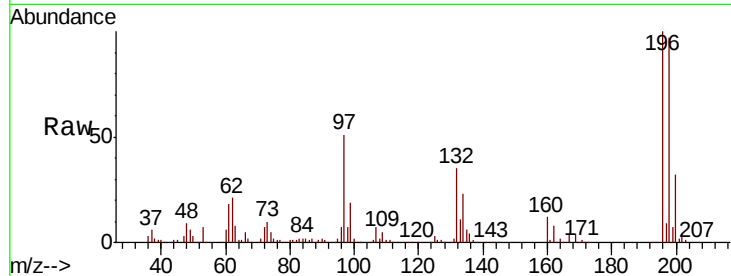
#43
 2,4,6-Trichlorophenol
 Concen: 45.315 ng
 RT: 13.19 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BG041016.D
 Acq: 1 Jun 2019 17:27

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-B1-C1-B1A-C1AMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	215192		
198	96.9	73.8	110.6	
200	32.2	24.1	36.1	

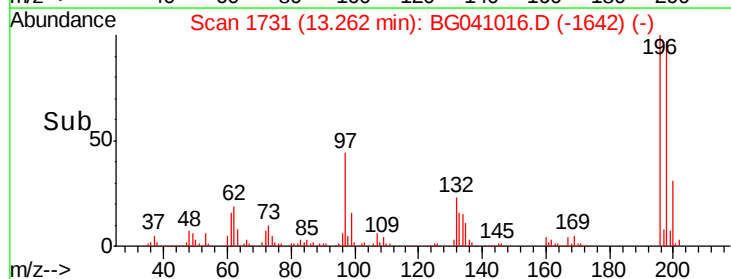
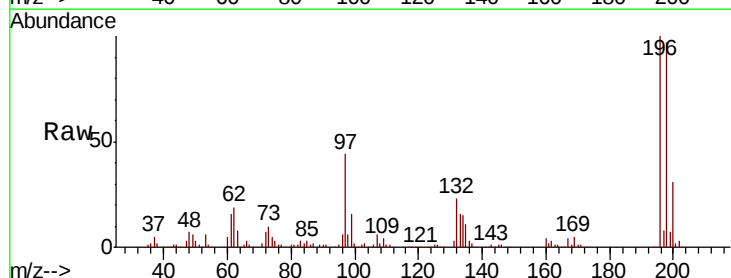
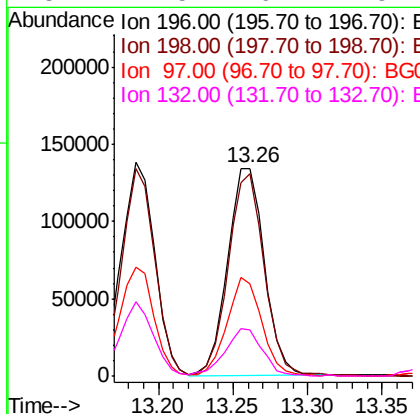
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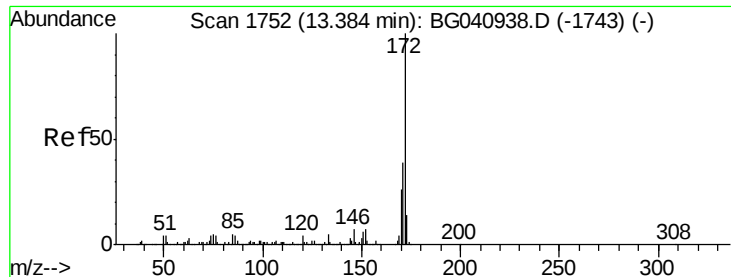
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#44
 2,4,5-Trichlorophenol
 Concen: 46.062 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.00 min
 Lab File: BG041016.D
 Acq: 1 Jun 2019 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	230693		
198	97.1	75.1	112.7	
97	44.2	35.6	53.4	
132	22.5	16.7	25.1	





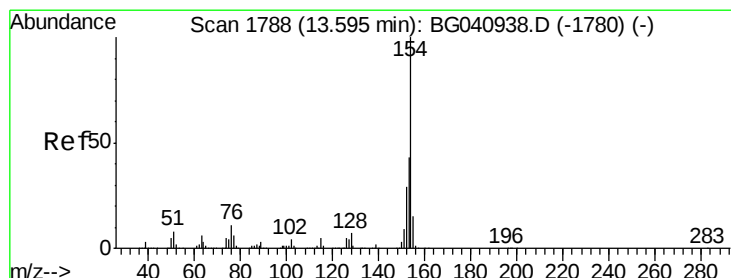
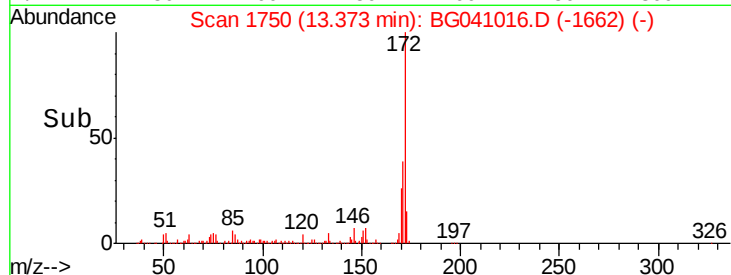
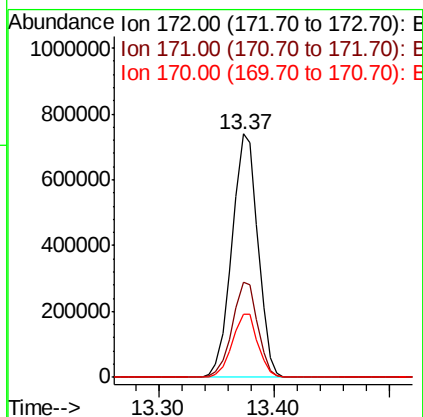
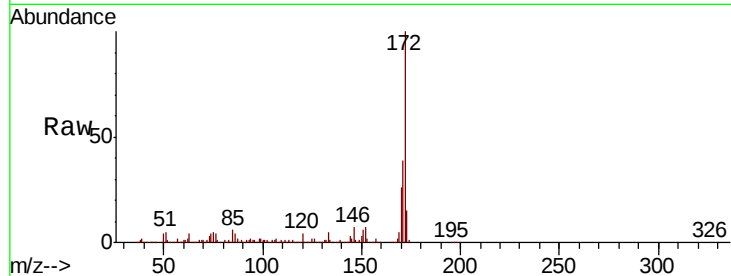
#45
2-Fluorobiphenyl
Concen: 90.762 ng
RT: 13.37 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BG041016.D
Acq: 1 Jun 2019 17:27

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-B1-C1-B1A-C1AMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.0	31.1	46.7
170	26.1	20.5	30.7

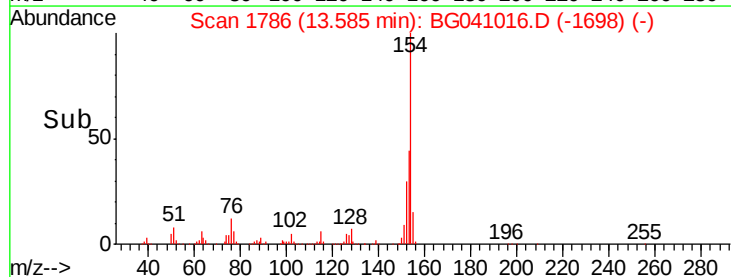
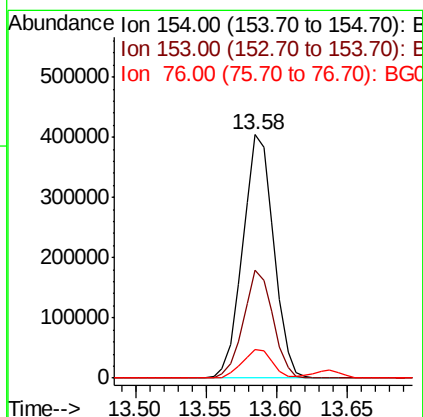
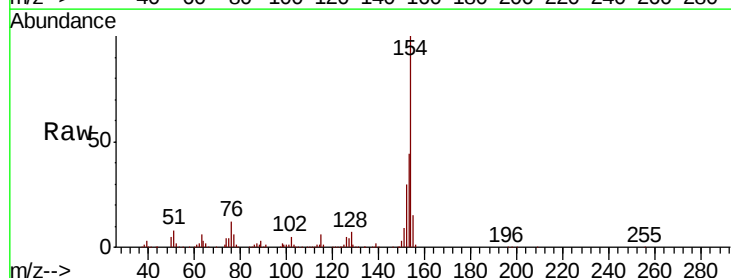
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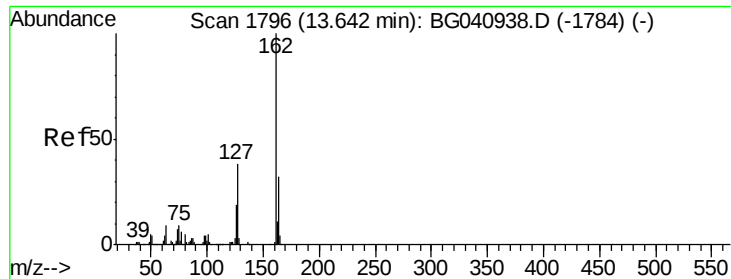
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#46
1,1'-Biphenyl
Concen: 45.955 ng
RT: 13.58 min Scan# 1786
Delta R.T. -0.01 min
Lab File: BG041016.D
Acq: 1 Jun 2019 17:27

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.2	23.3	63.3
76	11.7	0.0	31.1





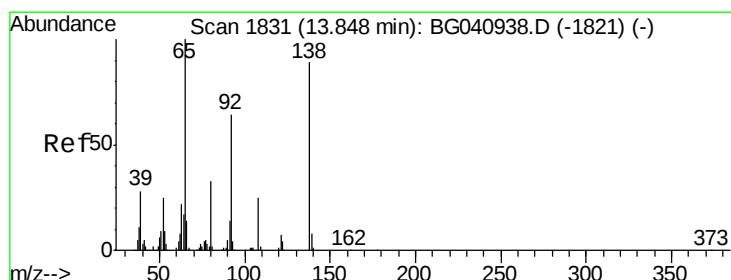
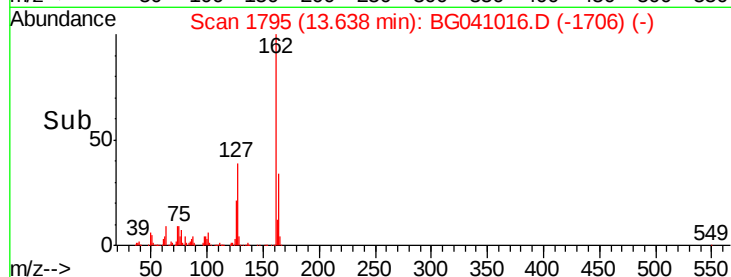
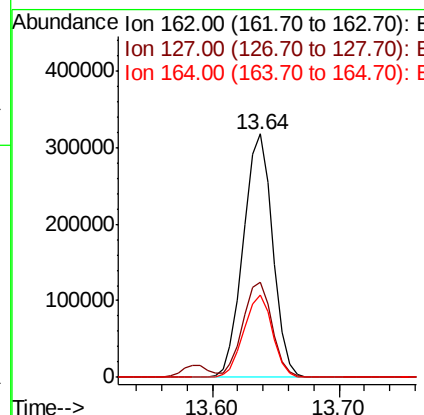
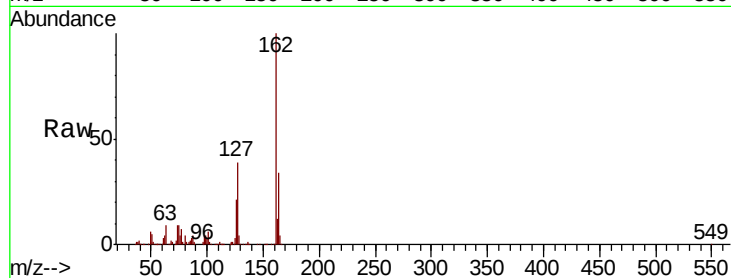
#47
2-Chloronaphthalene
Concen: 44.050 ng
RT: 13.64 min Scan# 1795
Delta R.T. -0.00 min
Lab File: BG041016.D
Acq: 1 Jun 2019 17:27

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-B1-C1-B1A-C1AMSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.0	30.5	45.7
164	33.9	25.8	38.6

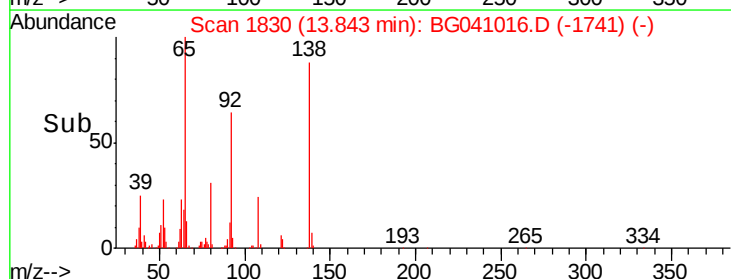
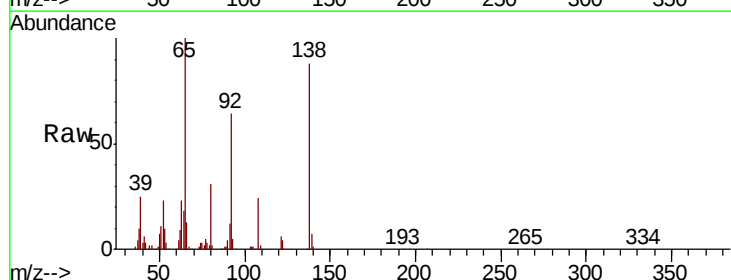
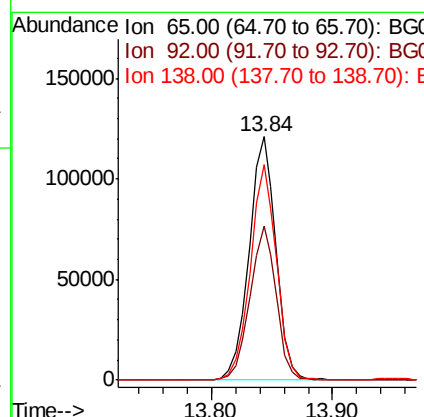
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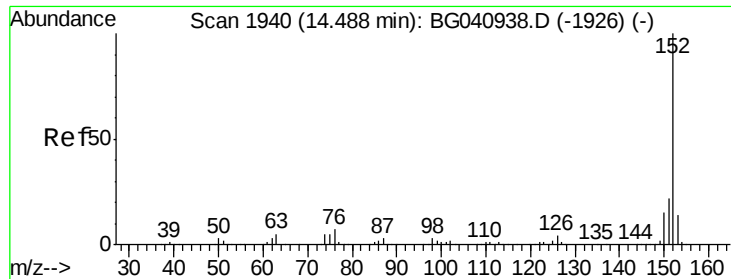
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#48
2-Nitroaniline
Concen: 44.939 ng
RT: 13.84 min Scan# 1830
Delta R.T. -0.00 min
Lab File: BG041016.D
Acq: 1 Jun 2019 17:27

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.5	51.0	76.6
138	88.5	71.2	106.8





#49

Acenaphthylene

Concen: 44.889 ng

RT: 14.48 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG041016.D

Acq: 1 Jun 2019 17:27

Instrument :

BNA_G

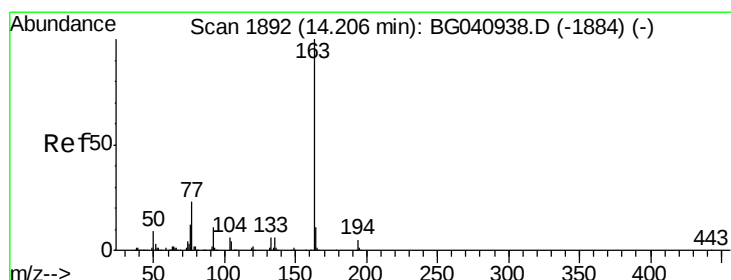
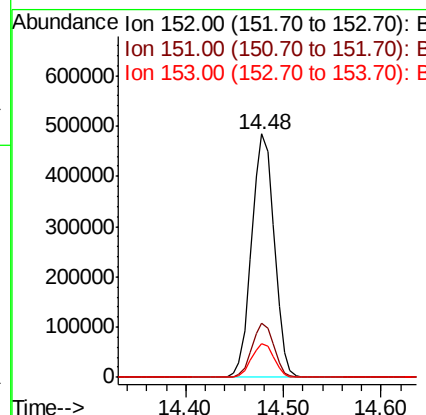
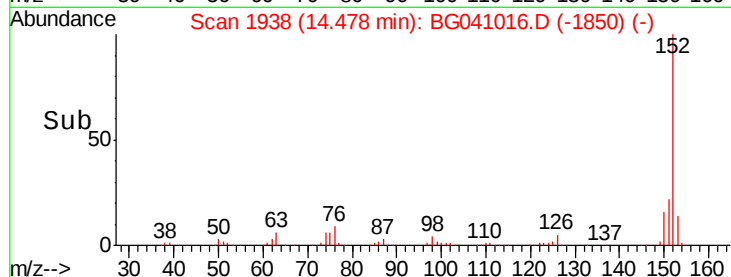
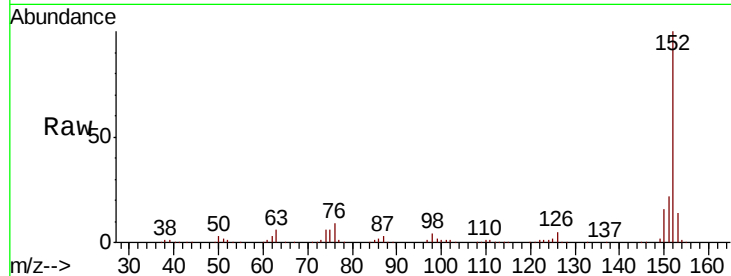
ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	22.4	17.4	26.0
153	13.9	11.0	16.4

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#50

Dimethylphthalate

Concen: 53.803 ng

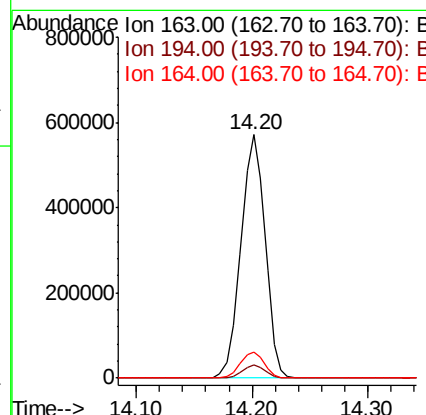
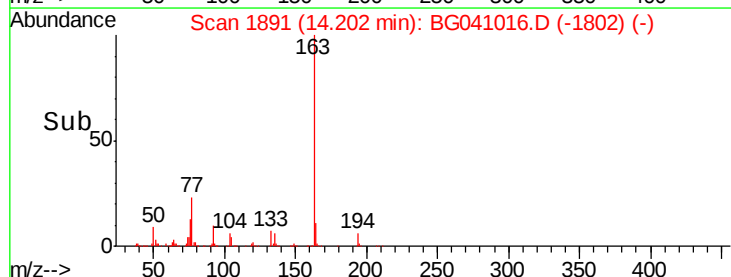
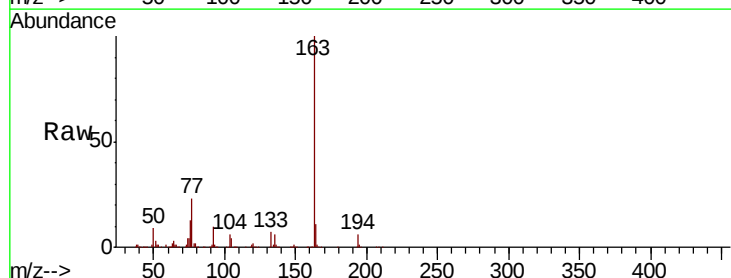
RT: 14.20 min Scan# 1891

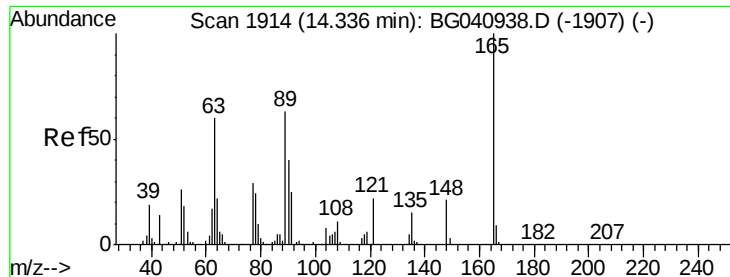
Delta R.T. -0.00 min

Lab File: BG041016.D

Acq: 1 Jun 2019 17:27

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.7	3.8	5.8
164	10.8	8.7	13.1





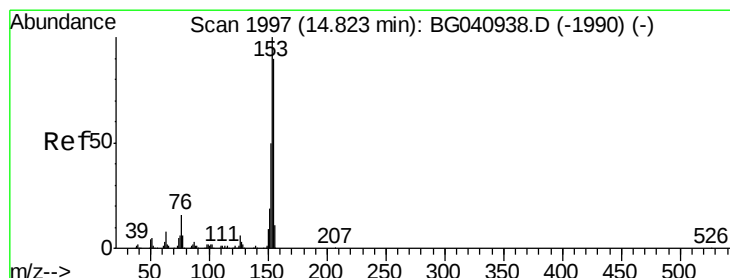
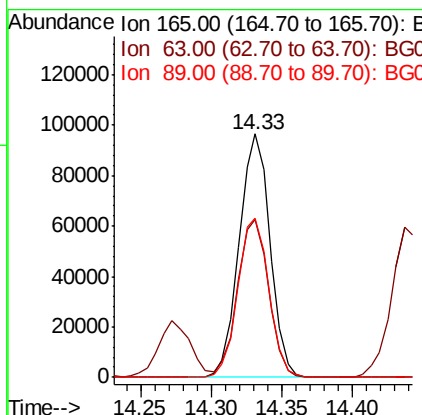
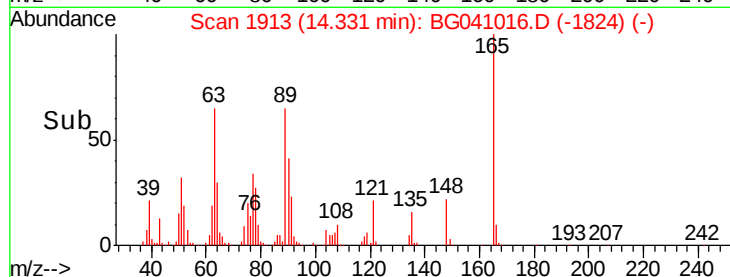
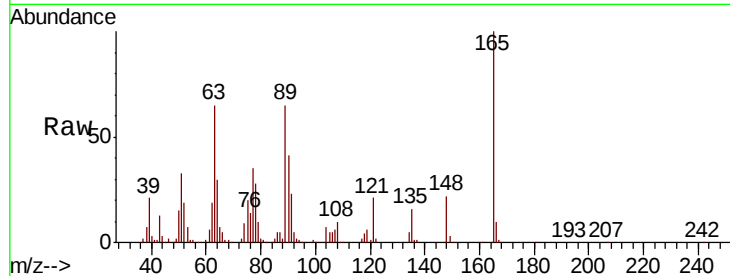
#51
2,6-Dinitrotoluene
Concen: 44.367 ng
RT: 14.33 min Scan# 1913
Delta R.T. -0.00 min
Lab File: BG041016.D
Acq: 1 Jun 2019 17:27

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-B1-C1-B1A-C1AMSD

Tot Ion:	165	Resp:	147482
Ion Ratio	Lower	Upper	
165	100		
63	64.9	53.6	80.4
89	65.5	50.4	75.6

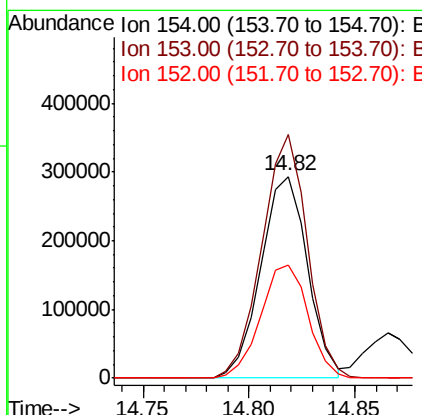
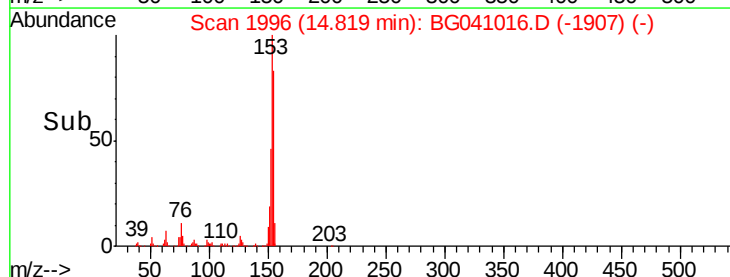
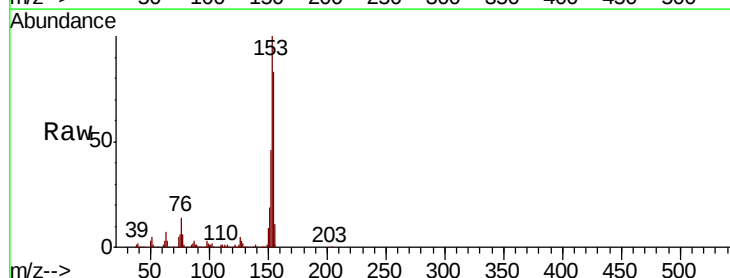
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#52
Acenaphthene
Concen: 42.951 ng
RT: 14.82 min Scan# 1996
Delta R.T. -0.00 min
Lab File: BG041016.D
Acq: 1 Jun 2019 17:27

Tgt Ion:	154	Resp:	453237
Ion Ratio	Lower	Upper	
154	100		
153	120.8	88.6	133.0
152	56.1	44.2	66.4





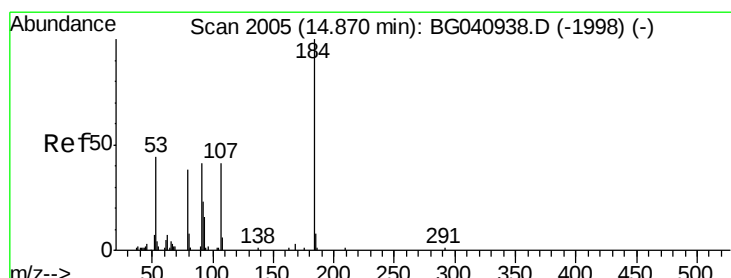
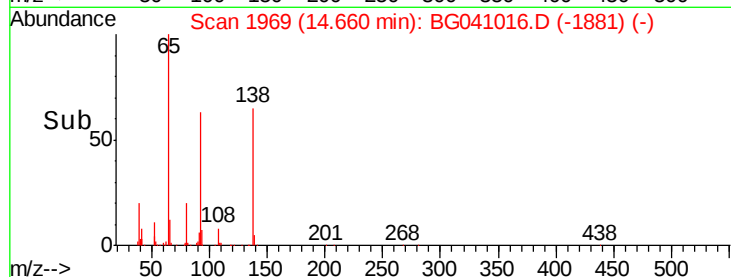
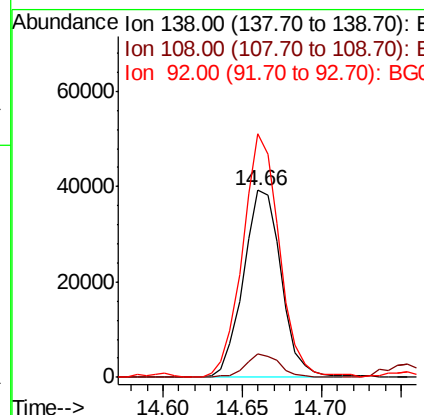
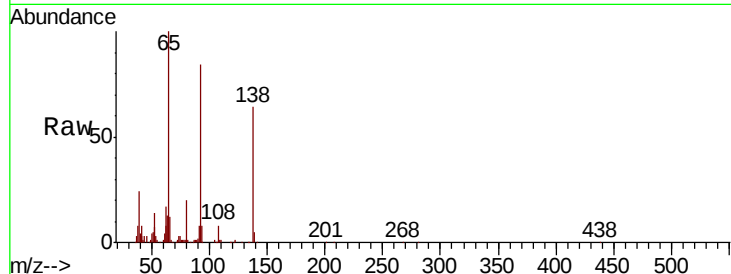
#53
3-Nitroaniline
Concen: 19.586 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG041016.D
Acq: 1 Jun 2019 17:27

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-B1-C1-B1A-C1AMSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.7	8.5	12.7
92	130.2	99.0	148.6

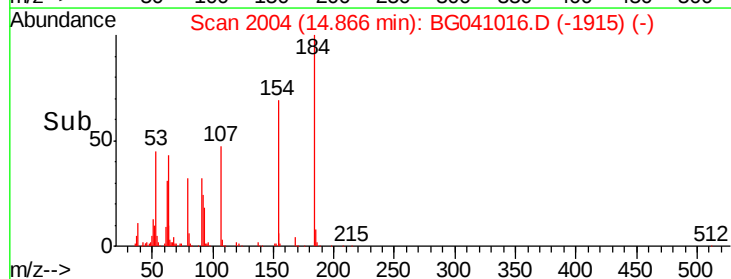
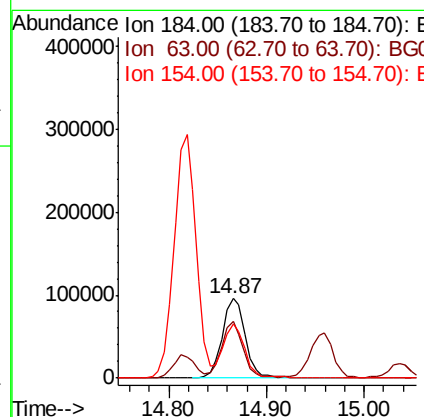
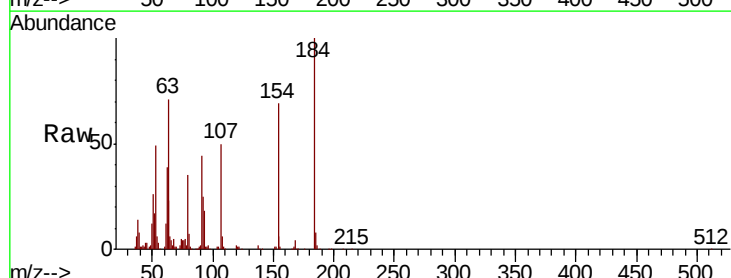
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#54
2,4-Dinitrophenol
Concen: 87.383 ng
RT: 14.87 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BG041016.D
Acq: 1 Jun 2019 17:27

Tgt Ion	Ratio	Lower	Upper
184	100		
63	70.9	49.8	74.6
154	69.1	52.2	78.4





#55

Dibenzofuran

Concen: 44.071 ng

RT: 15.15 min Scan# 2052

Delta R.T. -0.00 min

Lab File: BG041016.D

Acq: 1 Jun 2019 17:27

Instrument :

BNA_G

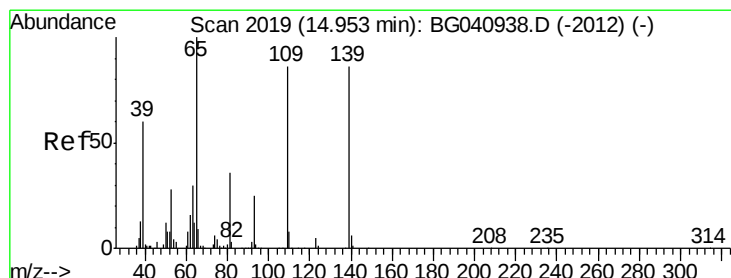
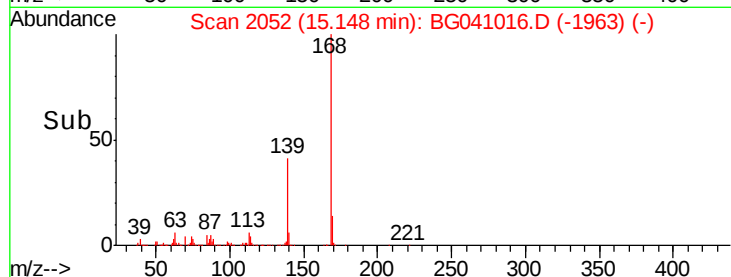
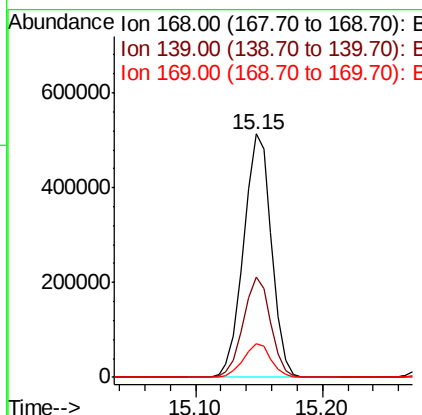
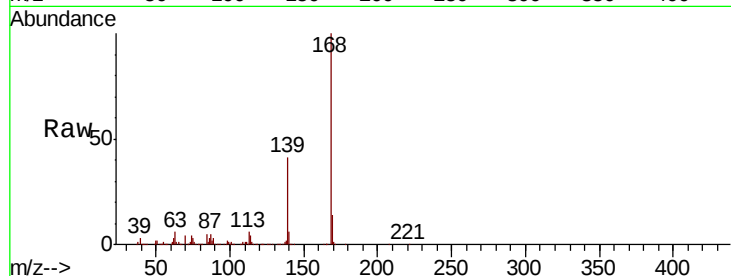
ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMSD

Tot Ion:	168	Resp:	782520
Ion Ratio	Lower	Upper	
168	100		
139	41.3	32.8	49.2
169	14.0	11.3	16.9

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#56

4-Nitrophenol

Concen: 97.191 ng

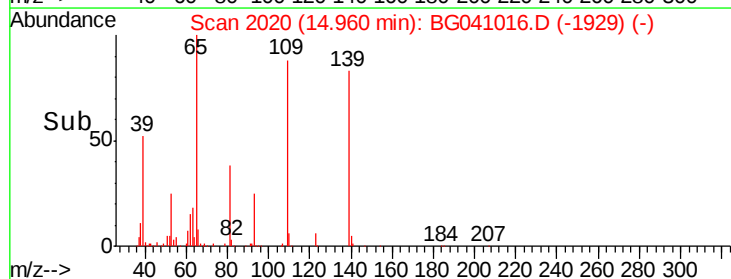
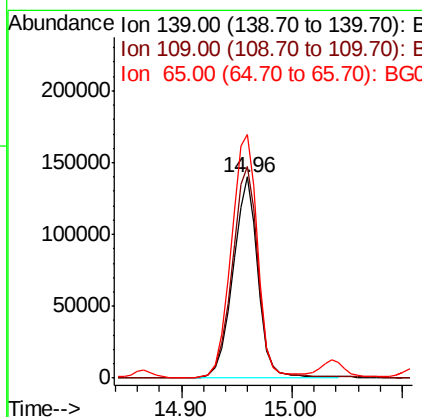
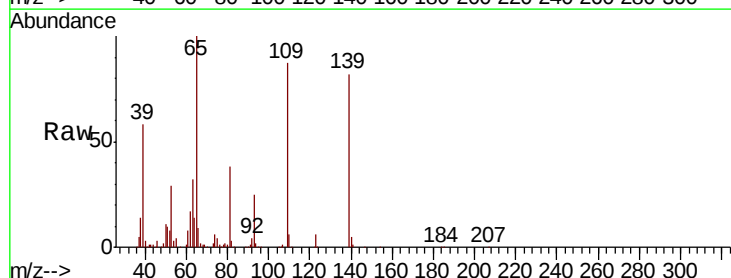
RT: 14.96 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BG041016.D

Acq: 1 Jun 2019 17:27

Tgt Ion:	139	Resp:	221590
Ion Ratio	Lower	Upper	
139	100		
109	105.2	79.6	119.6
65	121.2	96.9	136.9





#57

2,4-Dinitrotoluene

Concen: 43.733 ng

RT: 15.11 min Scan# 2046

Delta R.T. -0.00 min

Lab File: BG041016.D

Acq: 1 Jun 2019 17:27

Instrument :

BNA_G

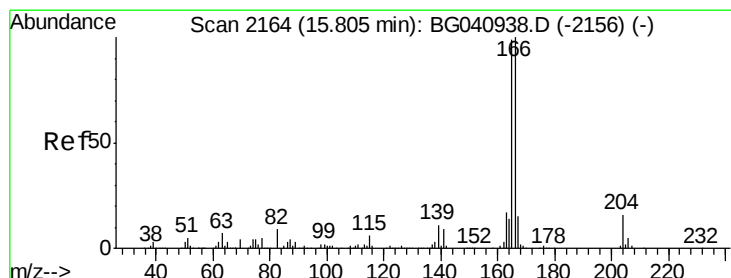
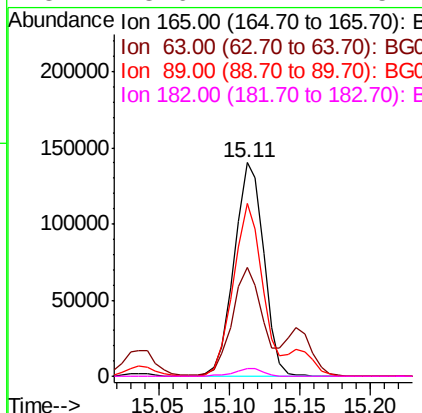
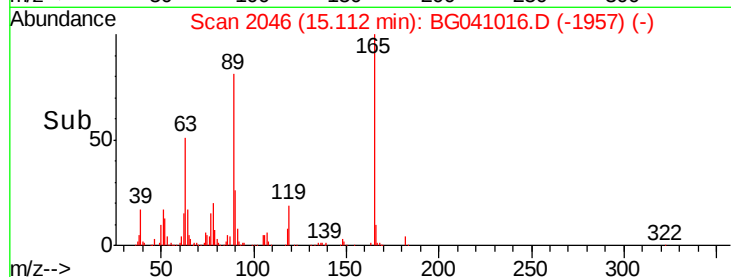
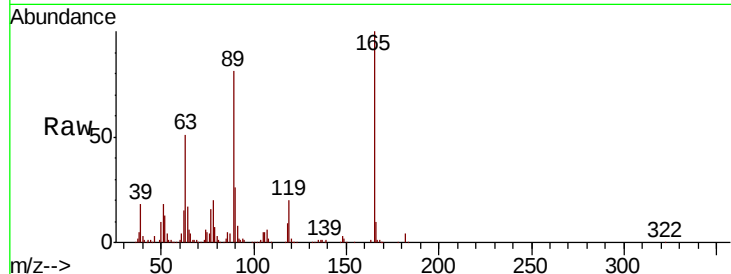
ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	51.1	37.3	55.9	
89	81.2	61.0	91.6	
182	3.6	2.2	3.2	

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#58

Fluorene

Concen: 43.215 ng

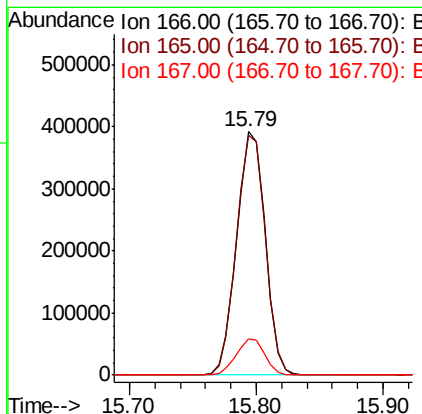
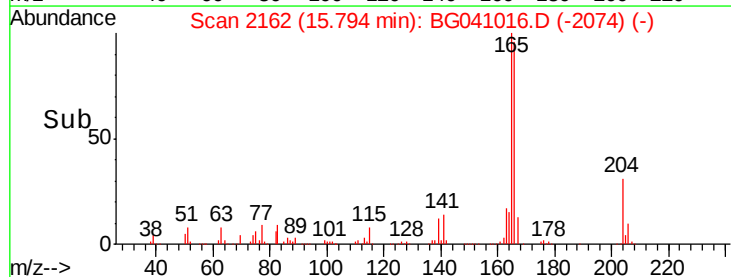
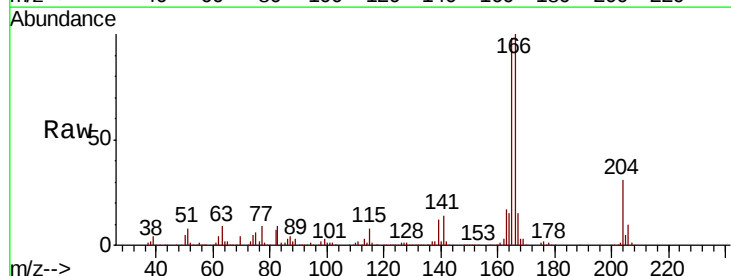
RT: 15.79 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BG041016.D

Acq: 1 Jun 2019 17:27

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





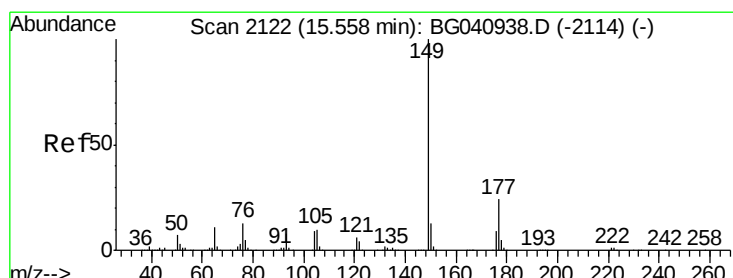
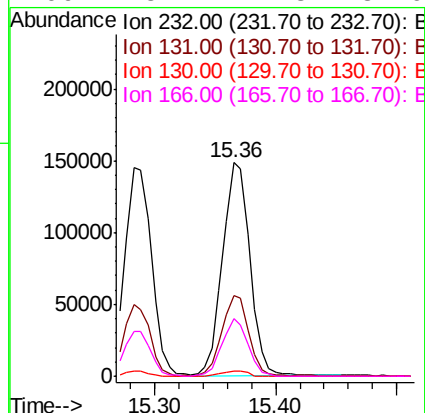
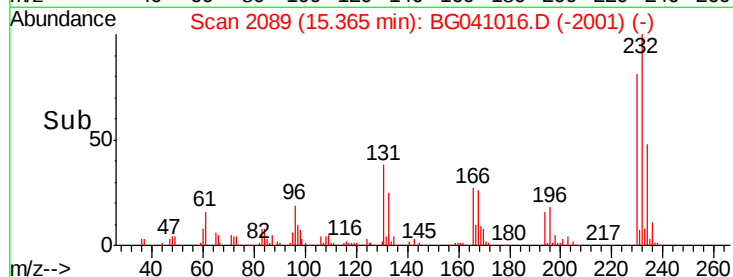
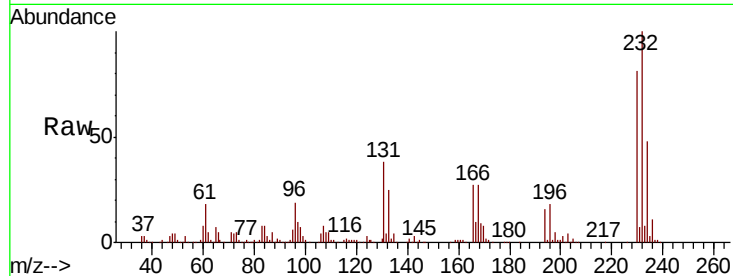
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.124 ng
 RT: 15.36 min Scan# 2089
 Delta R.T. -0.01 min
 Lab File: BG041016.D
 Acq: 1 Jun 2019 17:27

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-B1-C1-B1A-C1AMSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	36.7	30.3	45.5
130	2.3	1.8	2.8
166	25.4	21.3	31.9

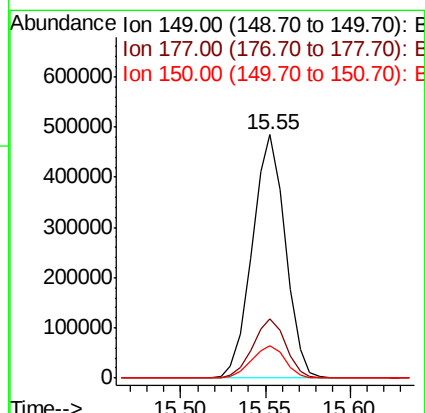
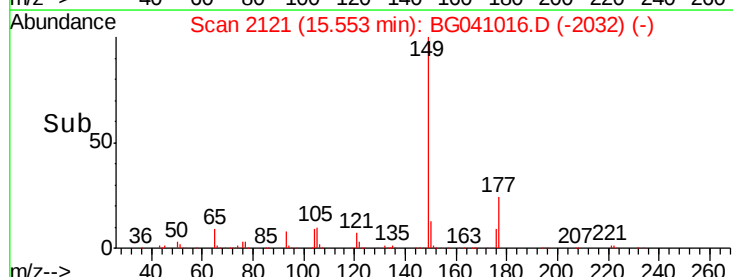
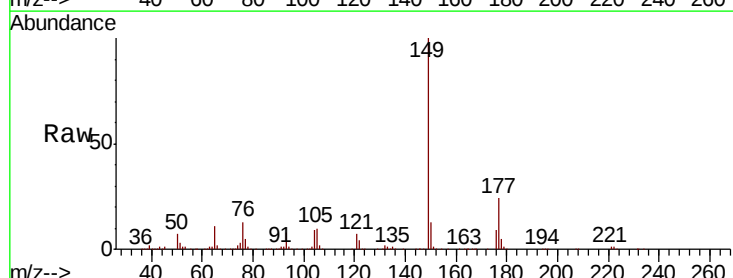
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#60
 Diethylphthalate
 Concen: 42.010 ng
 RT: 15.55 min Scan# 2121
 Delta R.T. -0.00 min
 Lab File: BG041016.D
 Acq: 1 Jun 2019 17:27

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.2	19.4	29.0
150	13.4	10.3	15.5





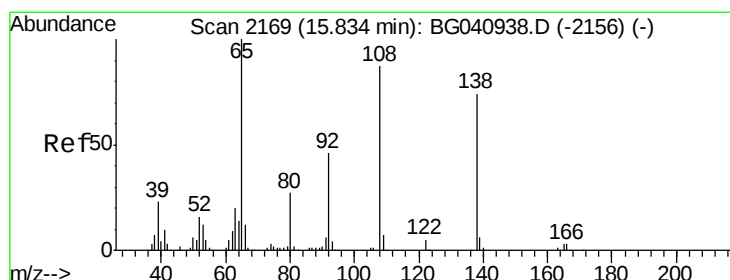
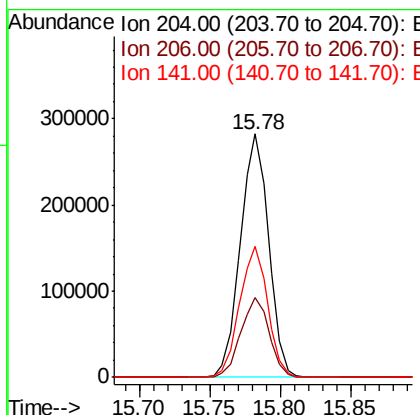
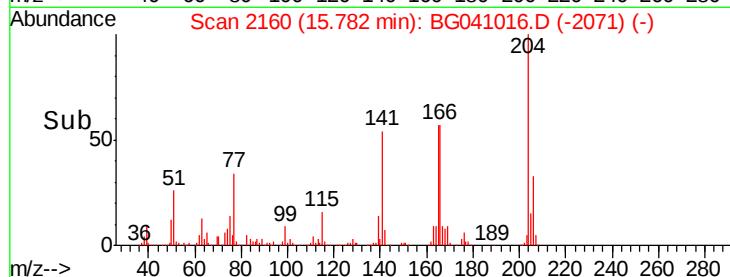
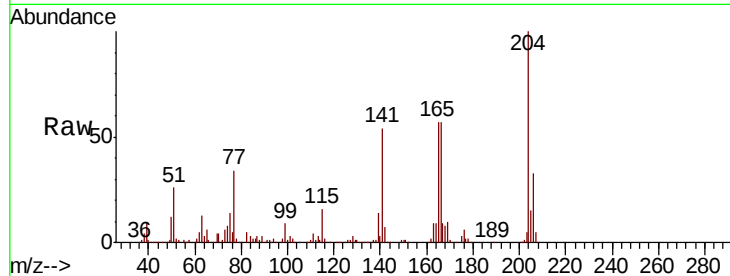
#61
 4-Chlorophenyl-phenylether
 Concen: 42.937 ng
 RT: 15.78 min Scan# 2160
 Delta R.T. -0.00 min
 Lab File: BG041016.D
 Acq: 1 Jun 2019 17:27

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-B1-C1-B1A-C1AMSD

Tot Ion:	204	Resp:	394642
Ion Ratio	Lower	Upper	
204	100		
206	32.8	27.6	41.4
141	53.9	45.1	67.7

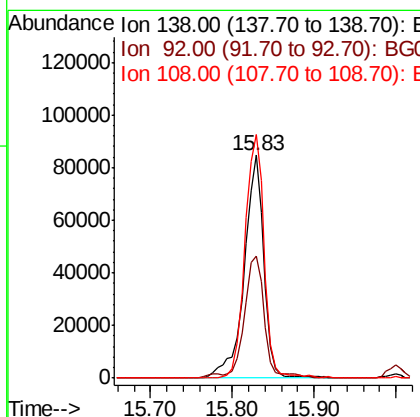
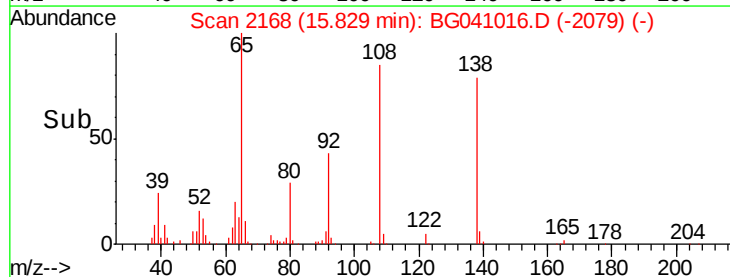
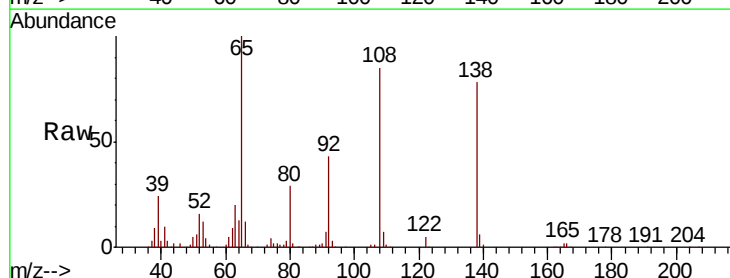
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#62
 4-Nitroaniline
 Concen: 40.073 ng
 RT: 15.83 min Scan# 2168
 Delta R.T. -0.00 min
 Lab File: BG041016.D
 Acq: 1 Jun 2019 17:27

Tgt Ion:	138	Resp:	141019
Ion Ratio	Lower	Upper	
138	100		
92	55.0	42.4	82.4
108	109.3	96.9	136.9





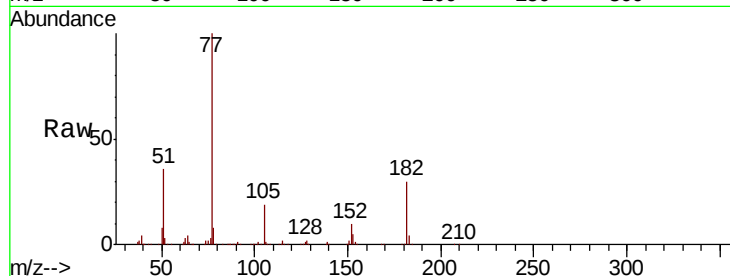
#63
Azobenzene
Concen: 43.273 ng
RT: 16.08 min Scan# 2210
Delta R.T. -0.00 min
Lab File: BG041016.D
Acq: 1 Jun 2019 17:27

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-B1-C1-B1A-C1AMSD

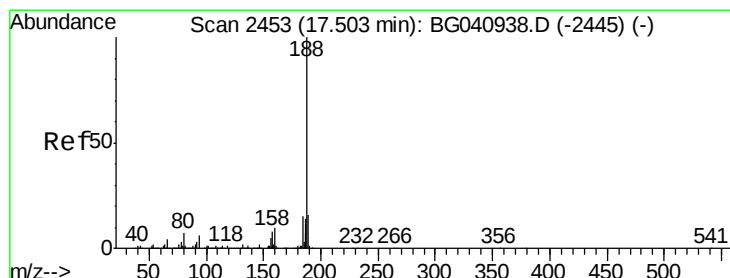
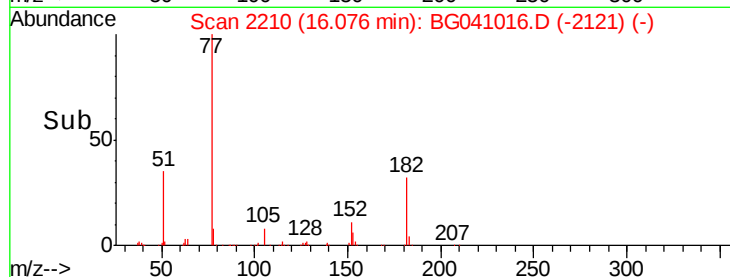
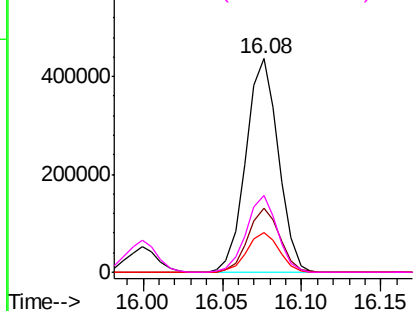
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	30.3		9.6	49.6	
105	18.8		0.0	37.5	
51	35.9		13.7	53.7	

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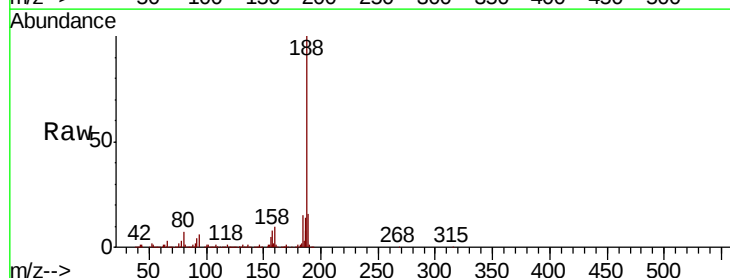


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

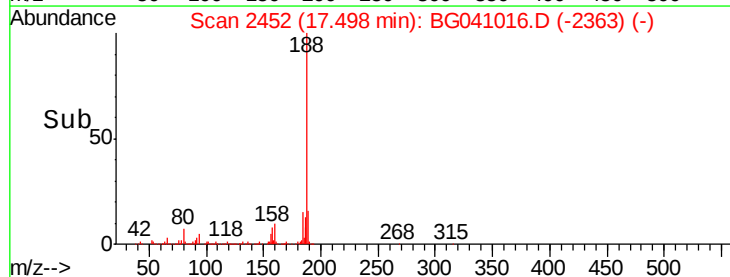
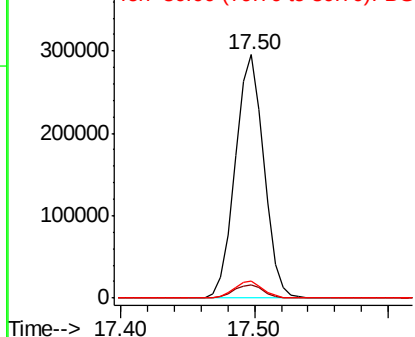


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2452
Delta R.T. -0.00 min
Lab File: BG041016.D
Acq: 1 Jun 2019 17:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	5.5		4.7	7.1	
80	6.8		5.8	8.8	



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





#65

4,6-Dinitro-2-methylphenol

Concen: 48.413 ng

RT: 15.87 min Scan# 2175

Delta R.T. -0.00 min

Lab File: BG041016.D

Acq: 1 Jun 2019 17:27

Instrument :

BNA_G

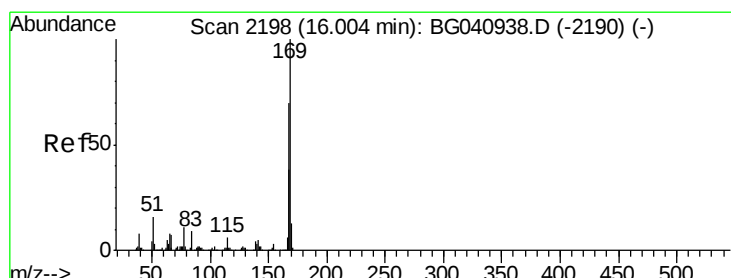
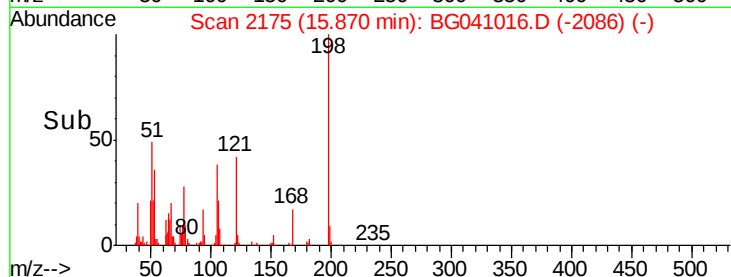
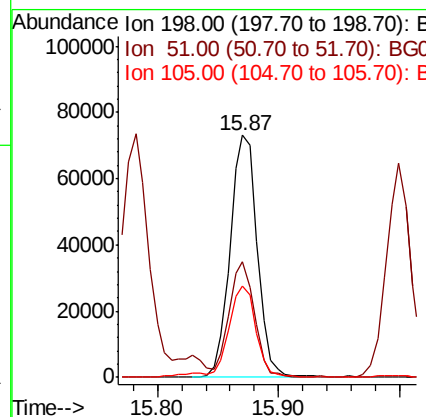
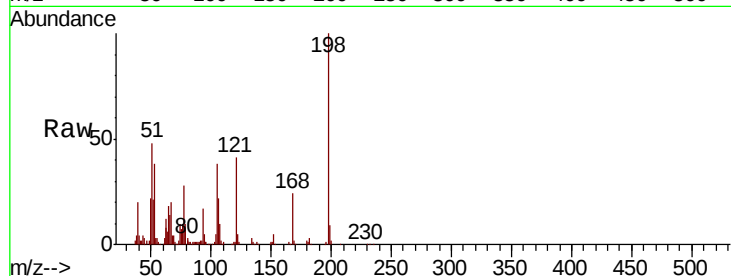
ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMSD

Tot Ion:	198	Resp:	114074
Ion Ratio	Lower	Upper	
198	100		
51	48.0	21.6	61.6
105	37.8	17.5	57.5

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#66

n-Nitrosodiphenylamine

Concen: 45.495 ng

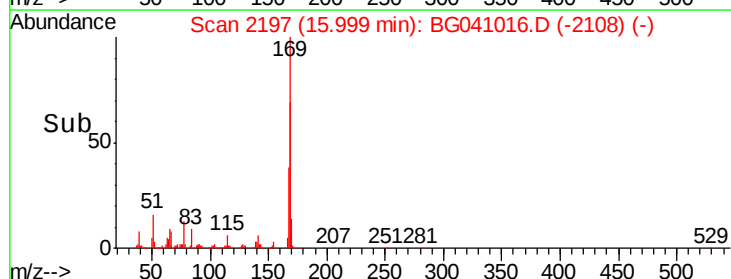
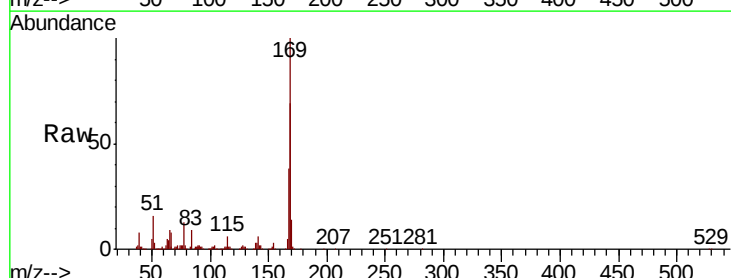
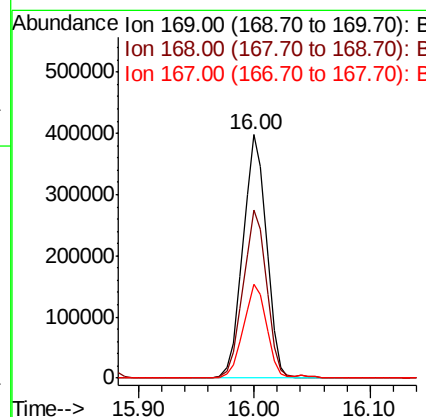
RT: 16.00 min Scan# 2197

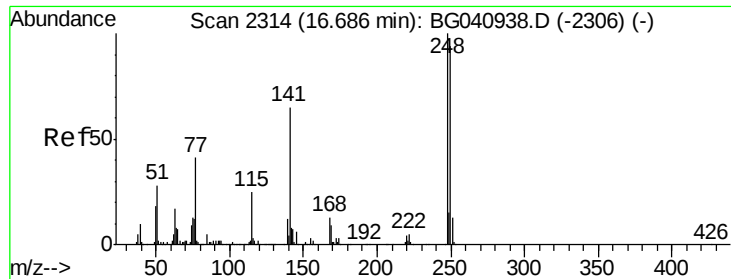
Delta R.T. -0.00 min

Lab File: BG041016.D

Acq: 1 Jun 2019 17:27

Tgt Ion:	169	Resp:	561325
Ion Ratio	Lower	Upper	
169	100		
168	68.8	55.7	83.5
167	38.4	30.2	45.2





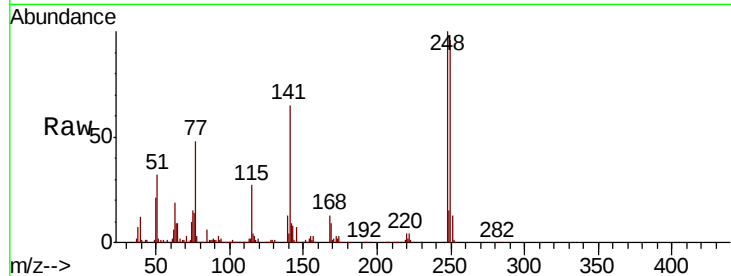
#67
4-Bromophenyl-phenylether
Concen: 42.859 ng
RT: 16.68 min Scan# 2312
Delta R.T. -0.01 min
Lab File: BG041016.D
Acq: 1 Jun 2019 17:27

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-B1-C1-B1A-C1AMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.4	75.0	112.4
141	64.6	52.4	78.6

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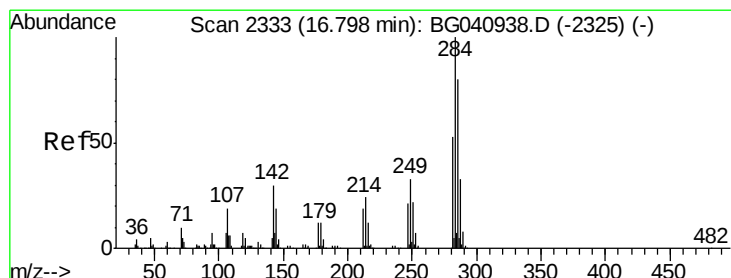
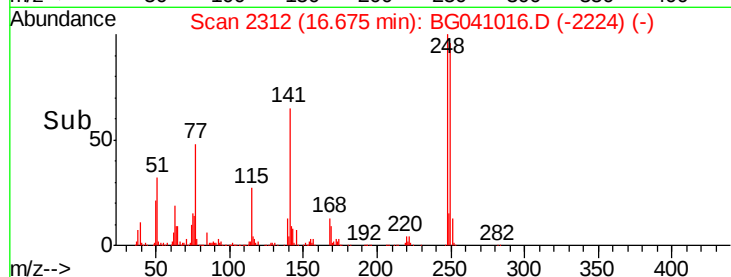
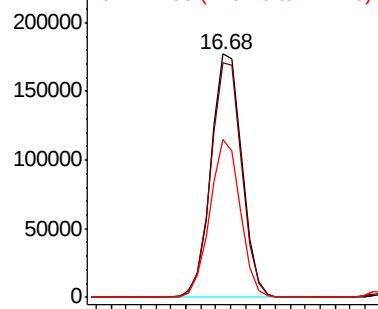


Abundance

Ion 248.00 (247.70 to 248.70): E

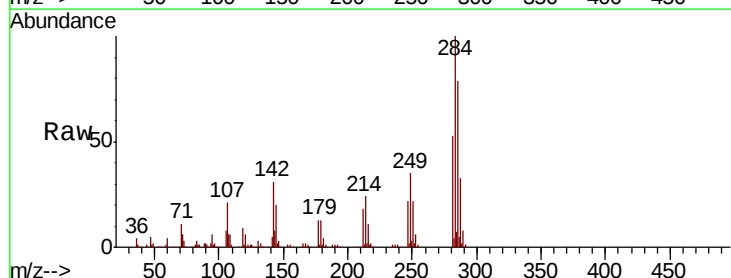
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 41.133 ng
RT: 16.79 min Scan# 2331
Delta R.T. -0.01 min
Lab File: BG041016.D
Acq: 1 Jun 2019 17:27

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.1	23.9	35.9
249	35.1	26.8	40.2

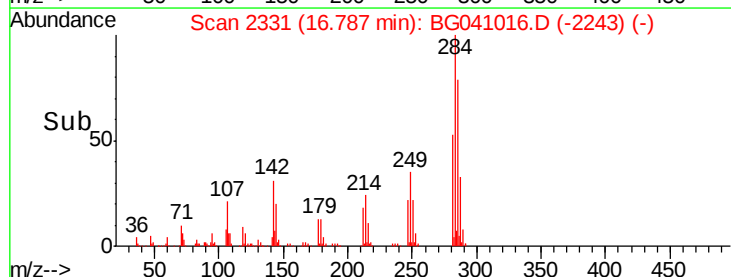
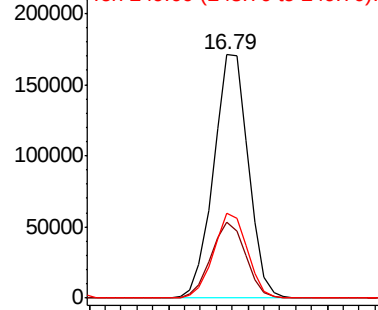


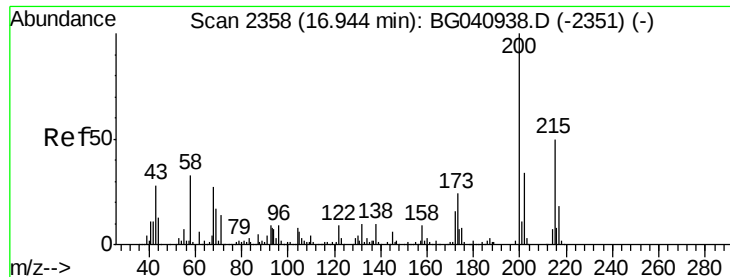
Abundance

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





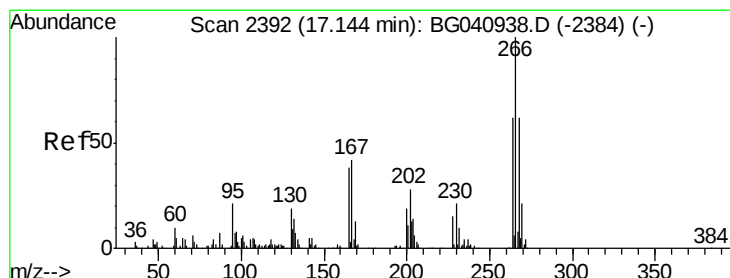
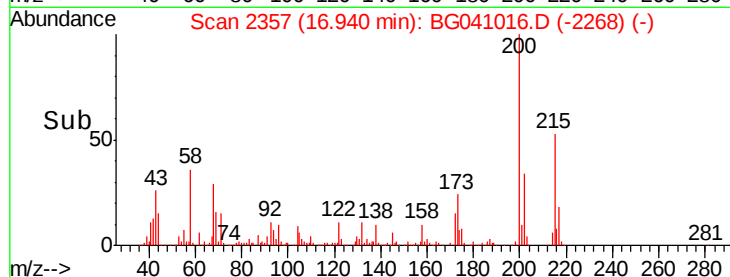
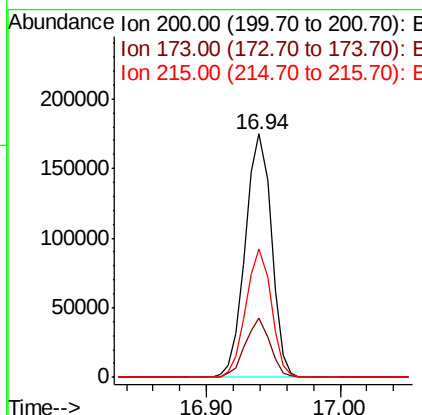
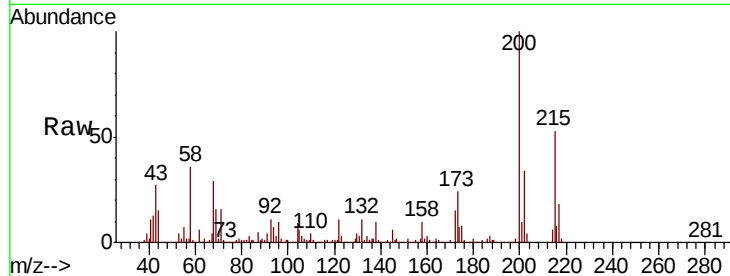
#69
Atrazine
Concen: 49.691 ng
RT: 16.94 min Scan# 2357
Delta R.T. -0.00 min
Lab File: BG041016.D
Acq: 1 Jun 2019 17:27

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-B1-C1-B1A-C1AMSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.2	3.6	43.6
215	52.8	29.6	69.6

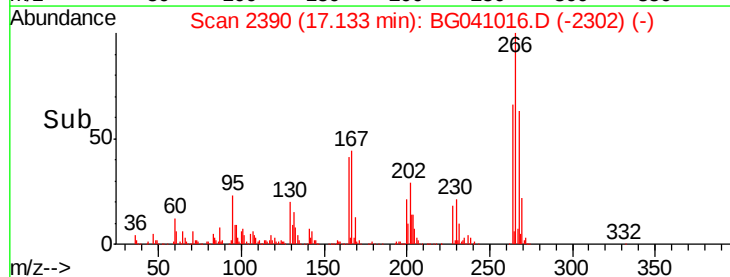
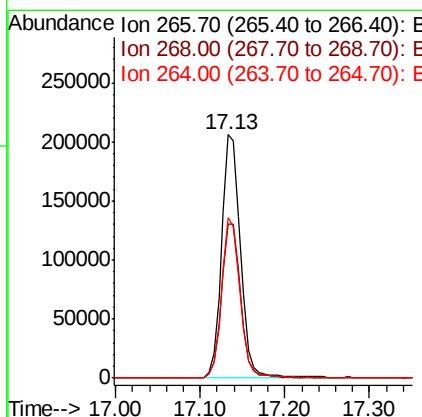
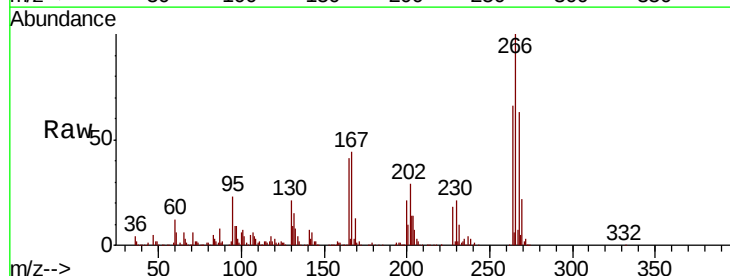
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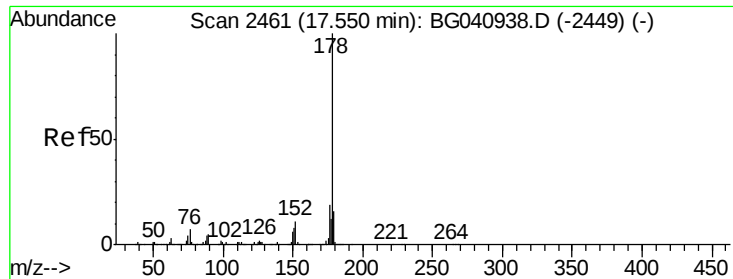
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#70
Pentachlorophenol
Concen: 94.122 ng
RT: 17.13 min Scan# 2390
Delta R.T. -0.01 min
Lab File: BG041016.D
Acq: 1 Jun 2019 17:27

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.3	53.1	79.7
264	65.9	49.9	74.9





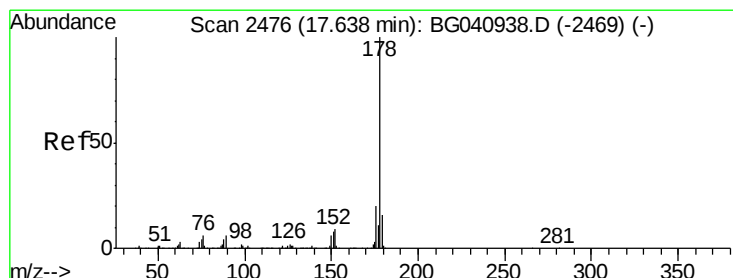
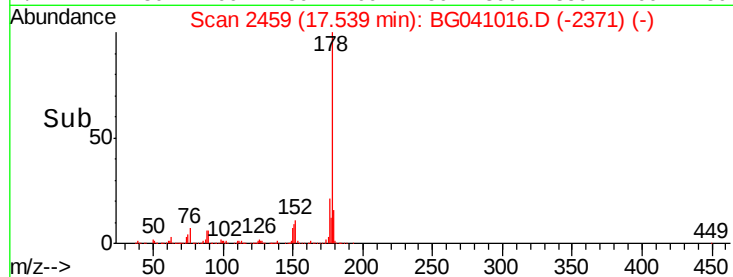
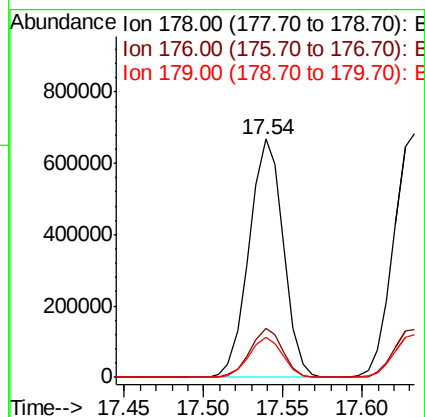
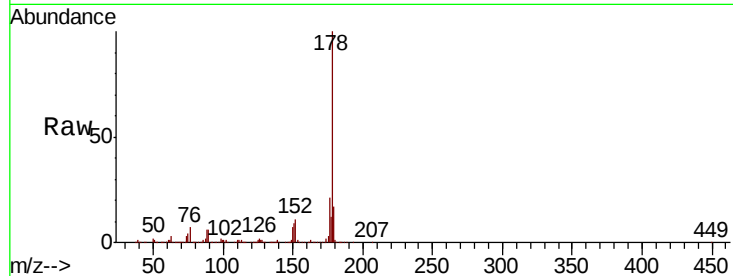
#71
Phenanthrene
Concen: 43.878 ng
RT: 17.54 min Scan# 2459
Delta R.T. -0.01 min
Lab File: BG041016.D
Acq: 1 Jun 2019 17:27

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-B1-C1-B1A-C1AMSD

Tot Ion:178 Resp: 1003136
Ion Ratio Lower Upper
178 100
176 20.7 15.5 23.3
179 16.6 12.7 19.1

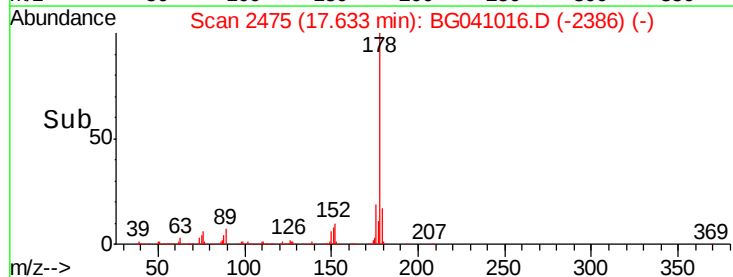
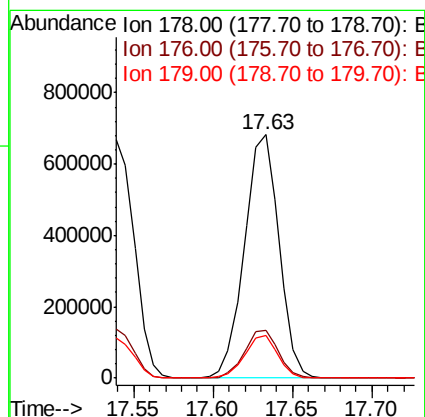
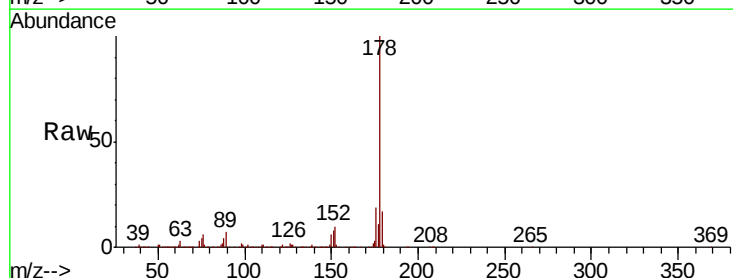
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#72
Anthracene
Concen: 45.630 ng
RT: 17.63 min Scan# 2475
Delta R.T. -0.00 min
Lab File: BG041016.D
Acq: 1 Jun 2019 17:27

Tgt Ion:178 Resp: 1028867
Ion Ratio Lower Upper
178 100
176 19.4 15.6 23.4
179 17.5 13.0 19.4





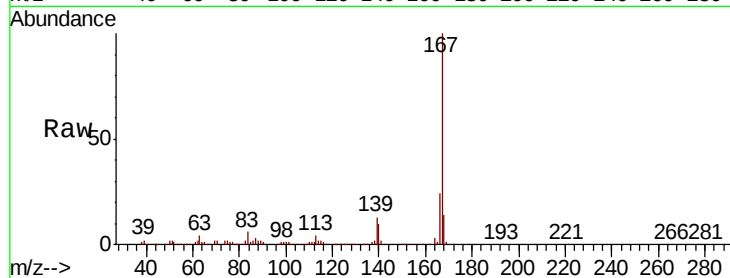
#73
 Carbazole
 Concen: 46.383 ng
 RT: 17.90 min Scan# 2521
 Delta R.T. -0.00 min
 Lab File: BG041016.D
 Acq: 1 Jun 2019 17:27

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-B1-C1-B1A-C1AMSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.7	18.2	27.4
139	13.4	10.8	16.2

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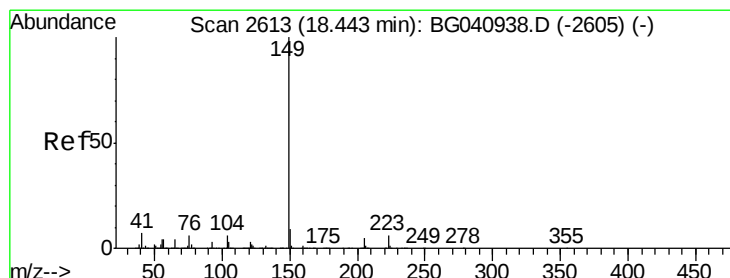
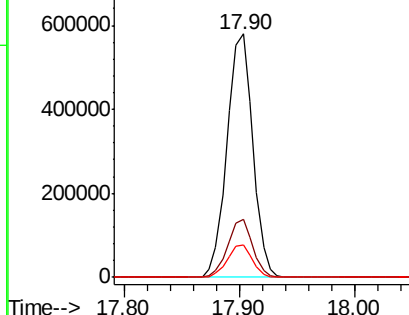
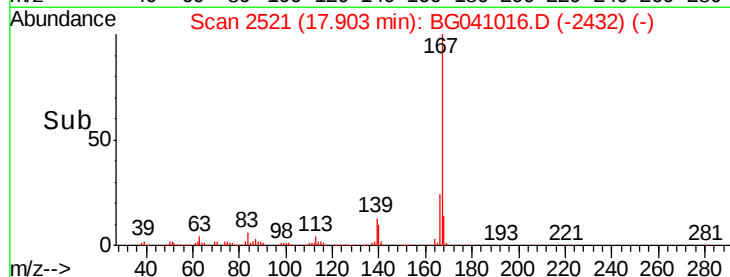


Abundance

Ion 167.00 (166.70 to 167.70): E

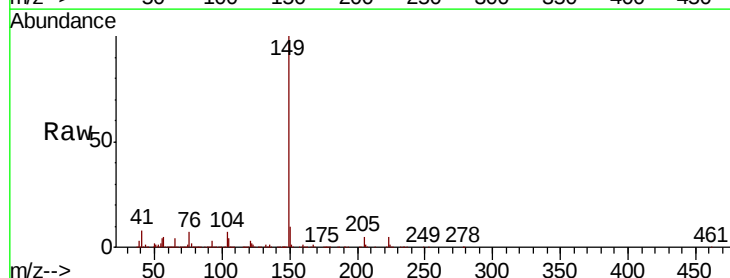
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 43.010 ng
 RT: 18.43 min Scan# 2611
 Delta R.T. -0.01 min
 Lab File: BG041016.D
 Acq: 1 Jun 2019 17:27

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.4	11.2
104	6.8	5.0	7.4

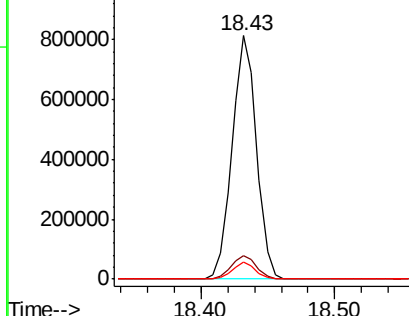
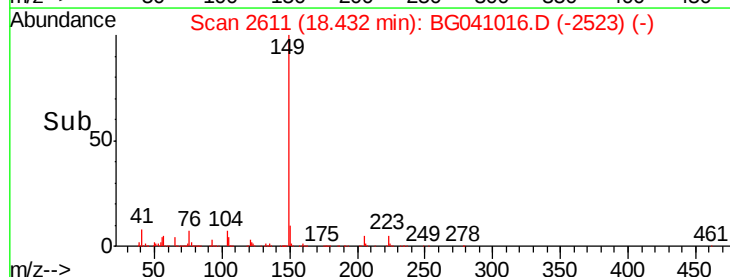


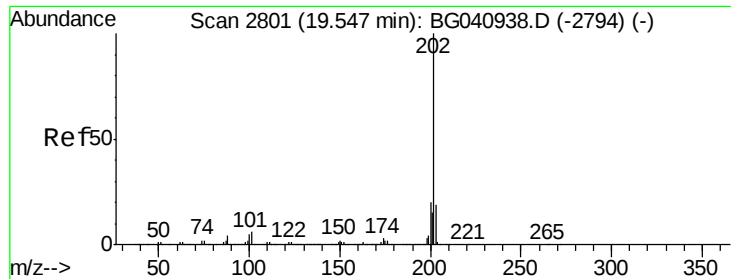
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 45.459 ng

RT: 19.54 min Scan# 2800

Delta R.T. -0.00 min

Lab File: BG041016.D

Acq: 1 Jun 2019 17:27

Instrument :

BNA_G

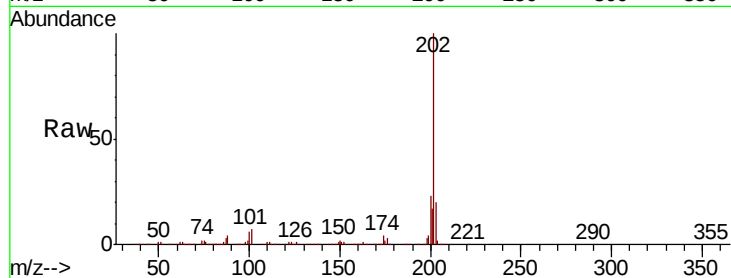
ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMSD

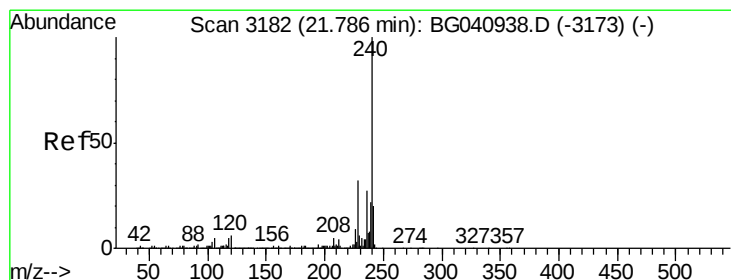
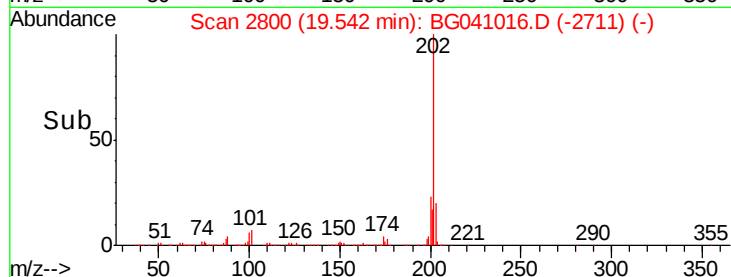
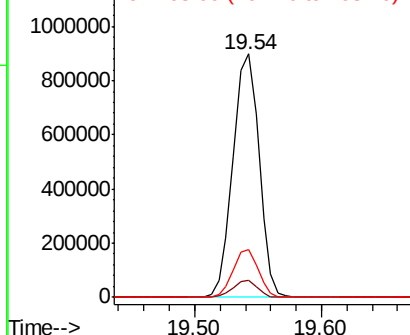
Tot Ion:	202	Resp:	1283677
Ion	Ratio	Lower	Upper
202	100		
101	6.8	0.0	26.2
203	19.6	0.0	38.7

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



#76

Chrysene-d12

Concen: 20.000 ng

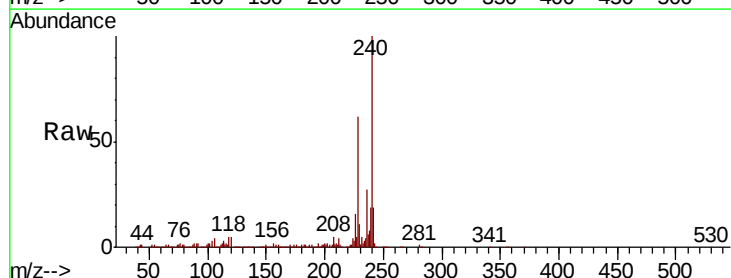
RT: 21.78 min Scan# 3180

Delta R.T. -0.01 min

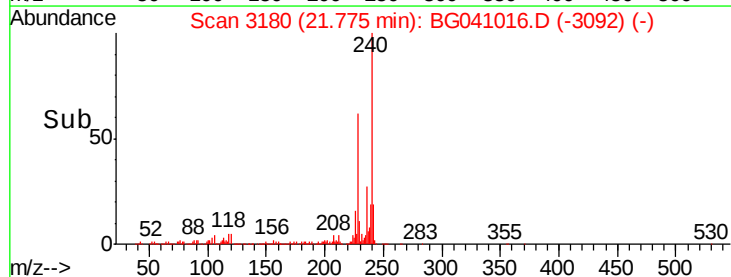
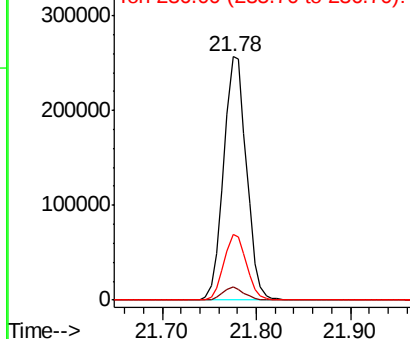
Lab File: BG041016.D

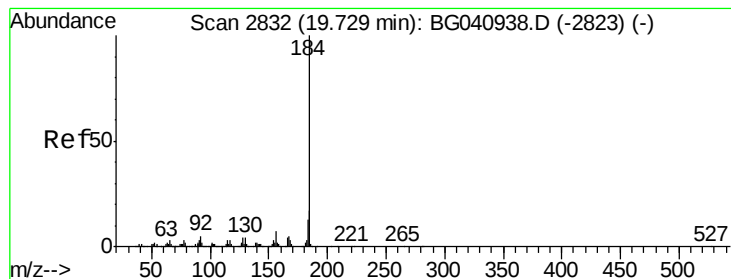
Acq: 1 Jun 2019 17:27

Tgt Ion:	240	Resp:	434027
Ion	Ratio	Lower	Upper
240	100		
120	5.4	4.5	6.7
236	27.2	21.3	31.9



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





#77

Benzidine

Concen: 26.228 ng

RT: 19.72 min Scan# 2831

Delta R.T. -0.00 min

Lab File: BG041016.D

Acq: 1 Jun 2019 17:27

Instrument :

BNA_G

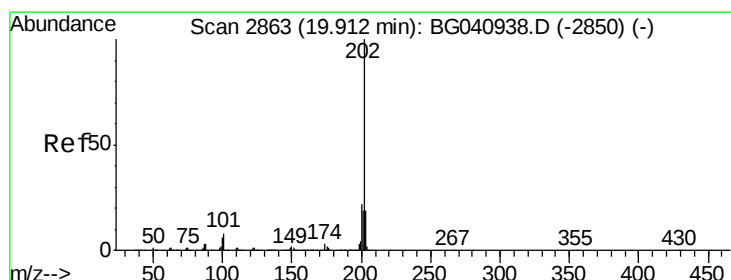
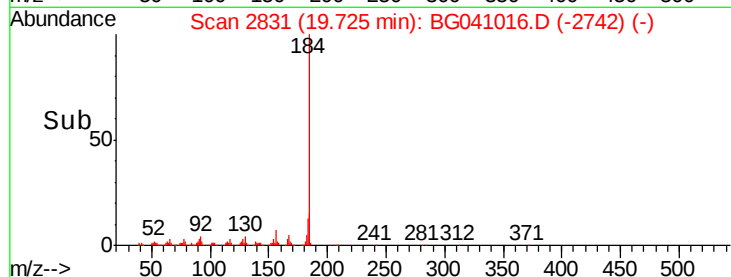
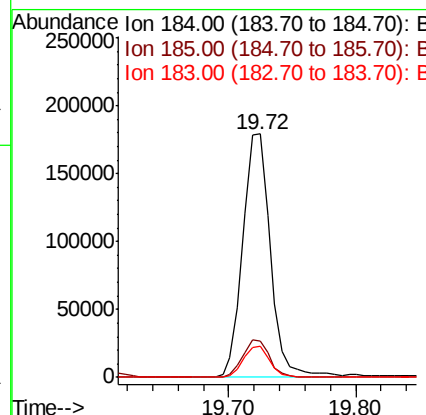
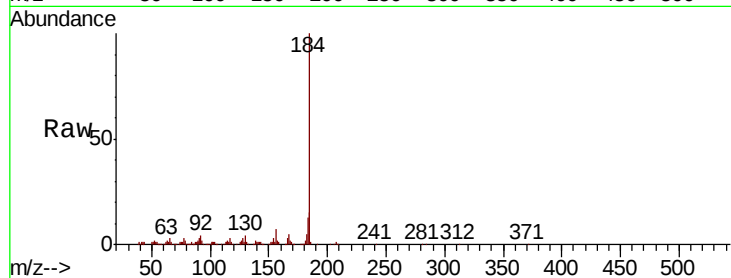
ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMSD

Tot Ion:	184	Resp:	271562
Ion Ratio	Lower	Upper	
184	100		
185	15.1	13.3	19.9
183	12.9	10.7	16.1

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#78

Pyrene

Concen: 45.243 ng

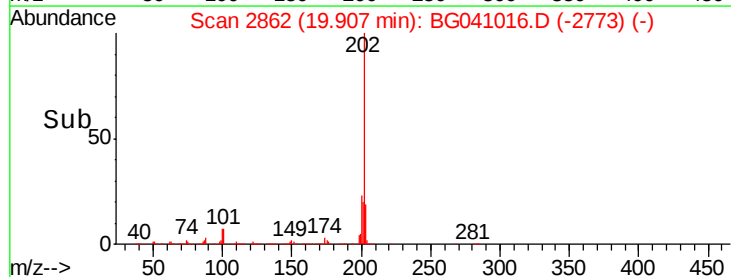
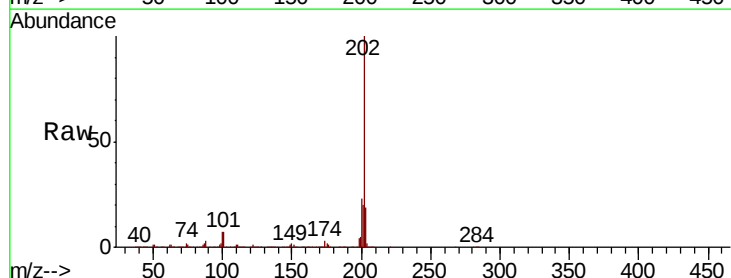
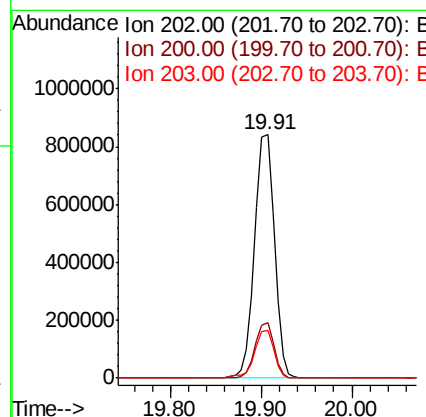
RT: 19.91 min Scan# 2862

Delta R.T. -0.00 min

Lab File: BG041016.D

Acq: 1 Jun 2019 17:27

Tgt Ion:	202	Resp:	1276529
Ion Ratio	Lower	Upper	
202	100		
200	23.0	17.5	26.3
203	19.5	15.6	23.4





#79

Terphenyl-d14

Concen: 87.552 ng

RT: 20.09 min Scan# 2893

Delta R.T. -0.01 min

Lab File: BG041016.D

Acq: 1 Jun 2019 17:27

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMSD

Tot Ion:244 Resp: 1790477

Ion Ratio Lower Upper

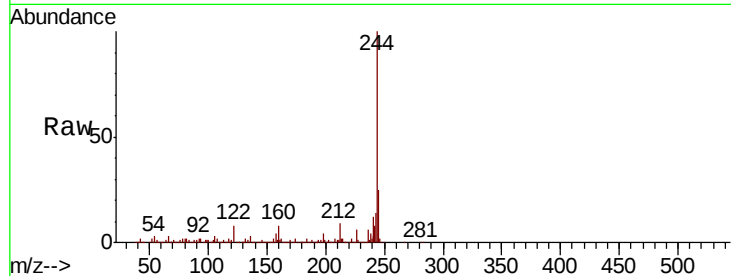
244 100

212 9.3 7.0 10.4

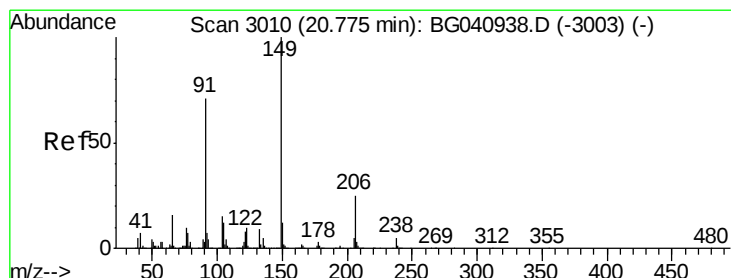
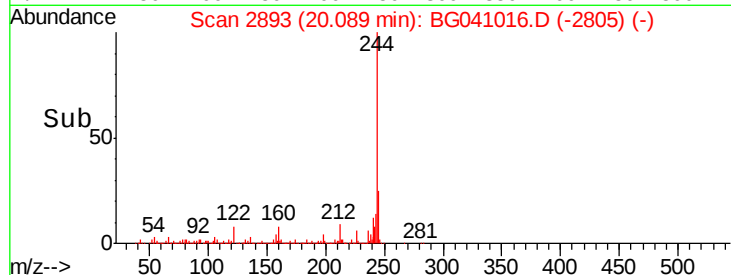
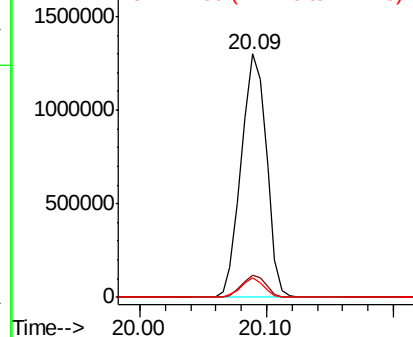
122 8.0 5.4 8.0

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.922 ng

RT: 20.77 min Scan# 3009

Delta R.T. -0.00 min

Lab File: BG041016.D

Acq: 1 Jun 2019 17:27

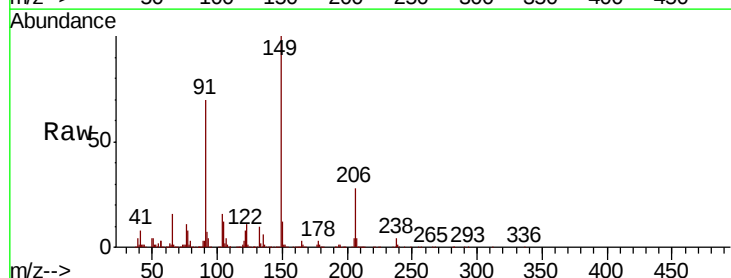
Tgt Ion:149 Resp: 493236

Ion Ratio Lower Upper

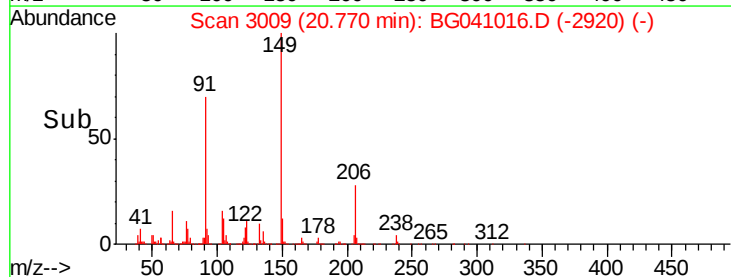
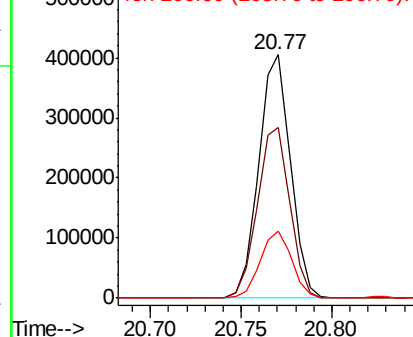
149 100

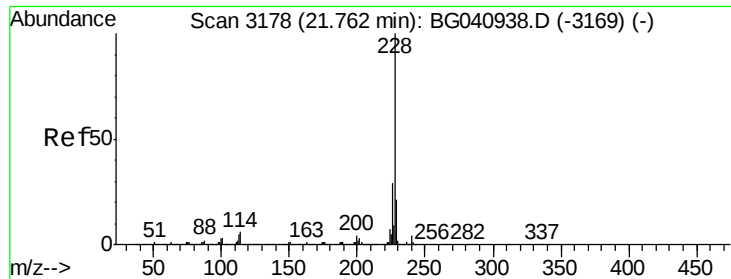
91 70.0 56.5 84.7

206 27.7 20.3 30.5



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.408 ng

RT: 21.76 min Scan# 3177

Delta R.T. -0.00 min

Lab File: BG041016.D

Acq: 1 Jun 2019 17:27

Instrument :

BNA_G

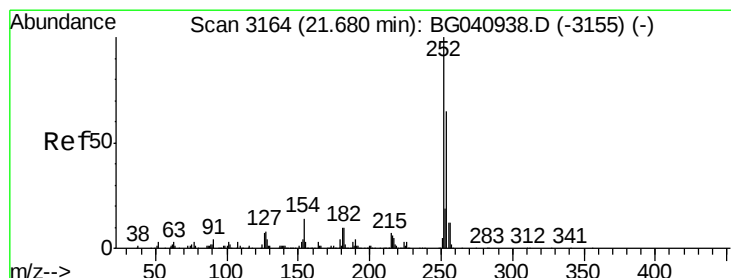
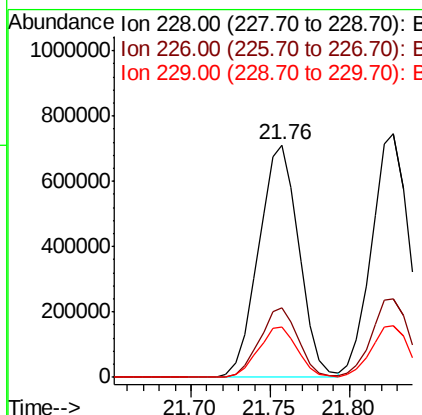
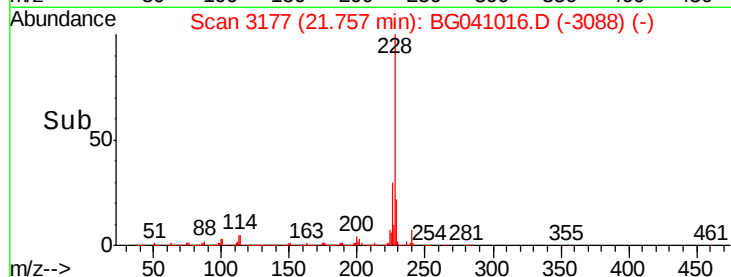
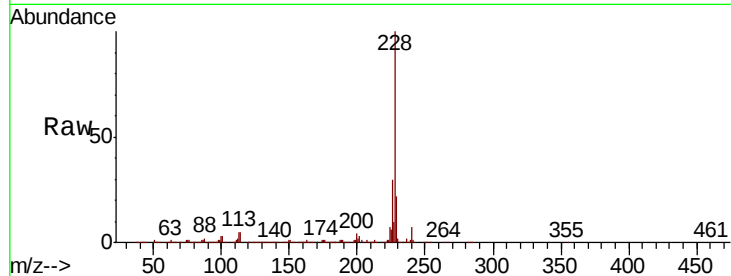
ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMSD

Tot Ion:	228	Resp:	1254130
Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.5	35.3
229	21.9	16.7	25.1

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#82

3,3'-Dichlorobenzidine

Concen: 19.776 ng

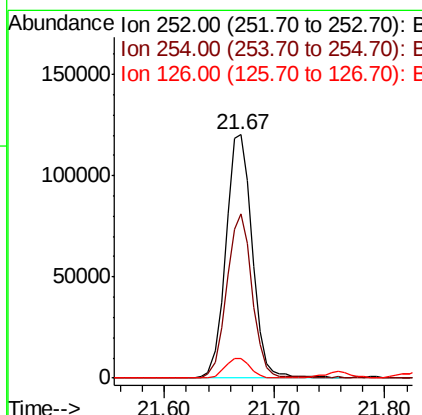
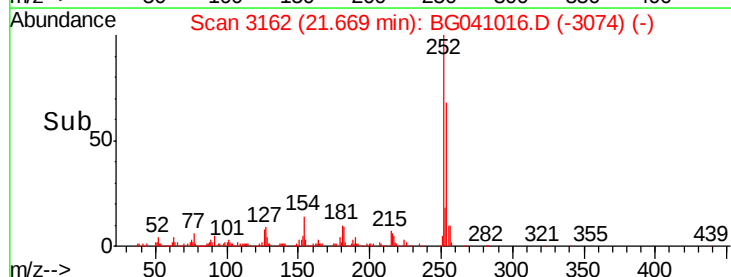
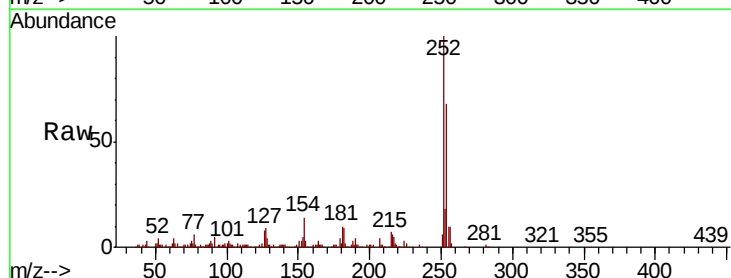
RT: 21.67 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG041016.D

Acq: 1 Jun 2019 17:27

Tgt Ion:	252	Resp:	200960
Ion	Ratio	Lower	Upper
252	100		
254	67.7	52.1	78.1
126	7.9	5.5	8.3





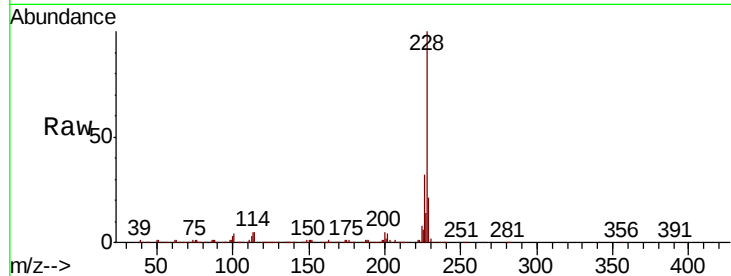
#83
Chrysene
Concen: 44.278 ng
RT: 21.83 min Scan# 3189
Delta R.T. -0.00 min
Lab File: BG041016.D
Acq: 1 Jun 2019 17:27

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-B1-C1-B1A-C1AMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.3	24.6	37.0
229	21.3	16.6	24.8

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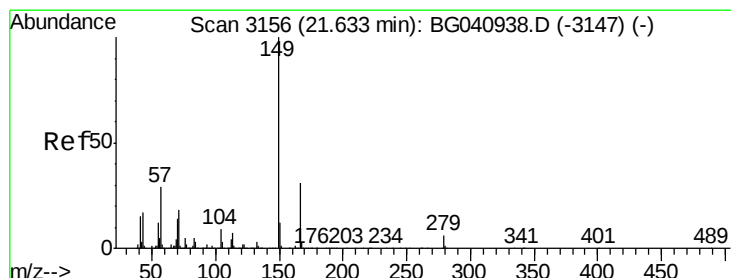
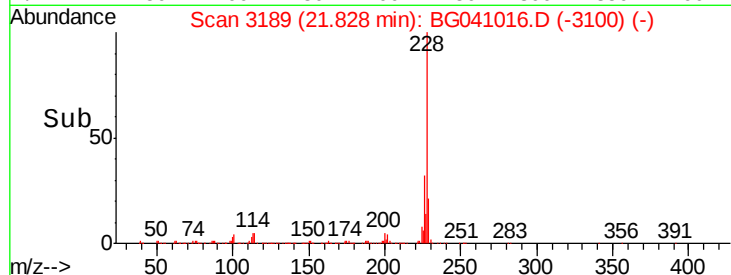
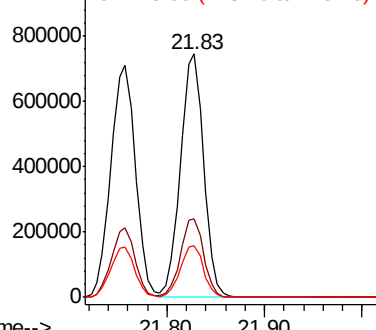


Abundance

Ion 228.00 (227.70 to 228.70): E

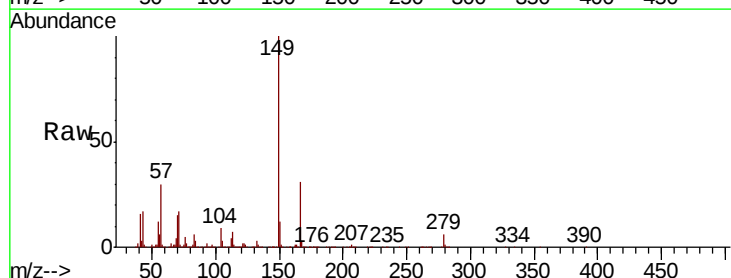
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
Bis(2-ethylhexyl)phthalate
Concen: 43.794 ng
RT: 21.62 min Scan# 3154
Delta R.T. -0.01 min
Lab File: BG041016.D
Acq: 1 Jun 2019 17:27

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.1	24.6	37.0
279	6.3	5.0	7.6

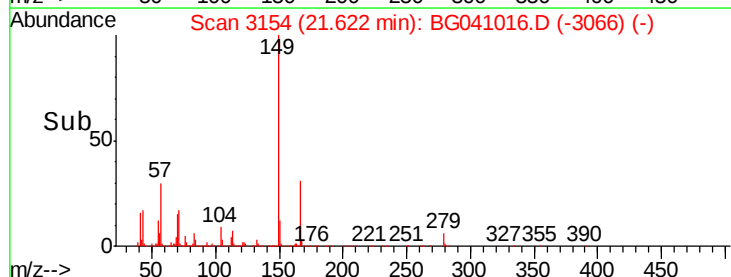
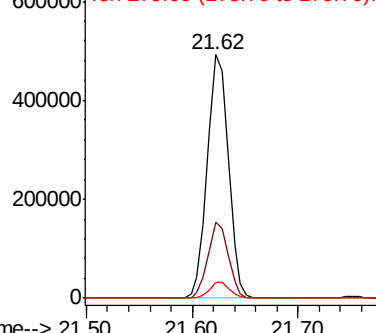


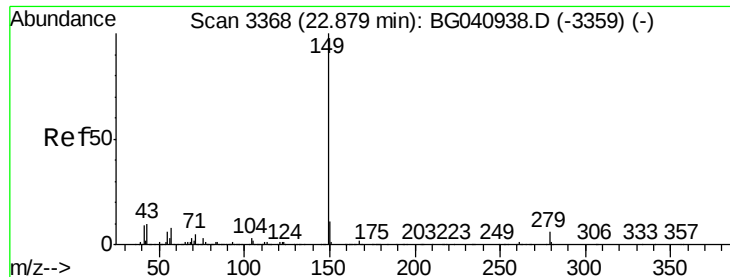
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 44.049 ng

RT: 22.87 min Scan# 3366

Delta R.T. -0.01 min

Lab File: BG041016.D

Acq: 1 Jun 2019 17:27

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMSD

Tot Ion:149 Resp: 1133908

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

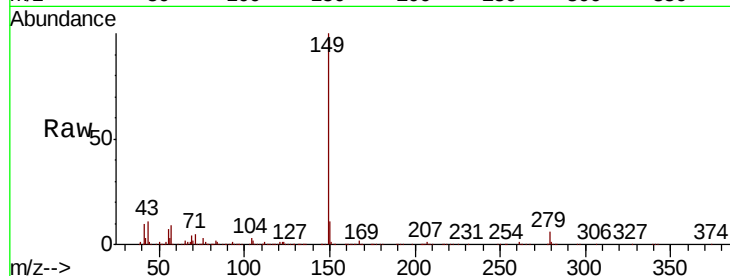
43 10.6 8.1 12.1

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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

22.87

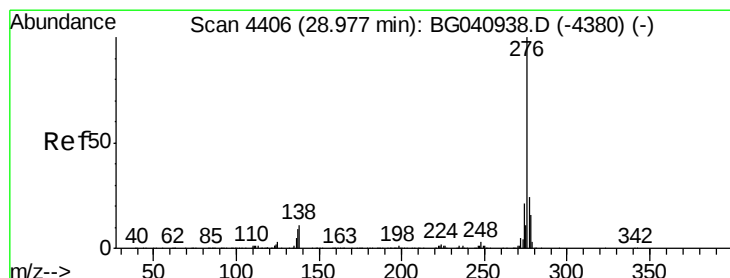
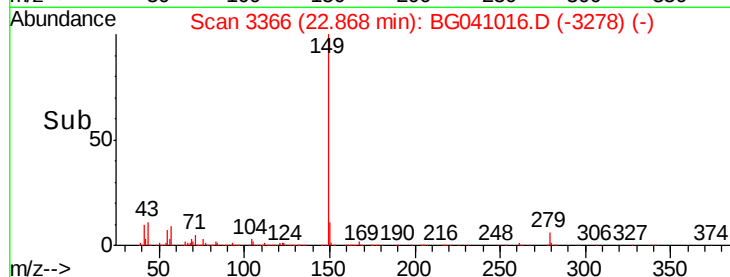
600000

400000

200000

0

Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 44.648 ng

RT: 28.95 min Scan# 4402

Delta R.T. -0.02 min

Lab File: BG041016.D

Acq: 1 Jun 2019 17:27

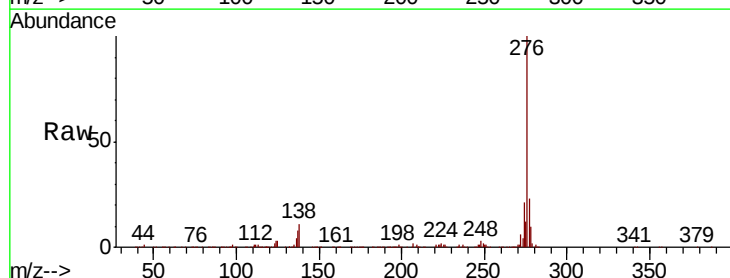
Tgt Ion:276 Resp: 1512159

Ion Ratio Lower Upper

276 100

138 13.5 5.7 8.5#

277 26.0 20.8 31.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

28.95

300000

250000

200000

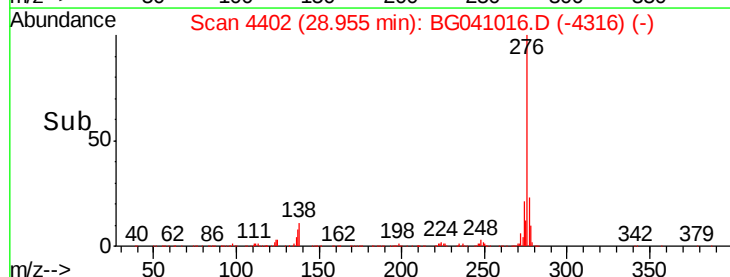
150000

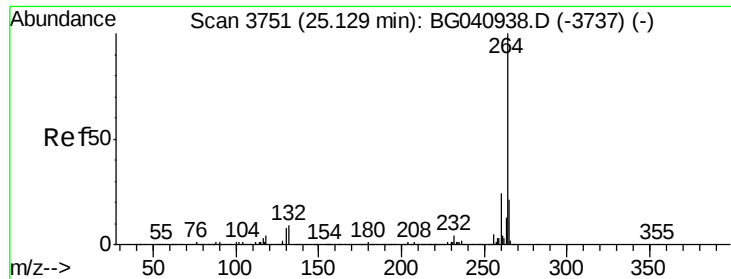
100000

50000

0

Time-->





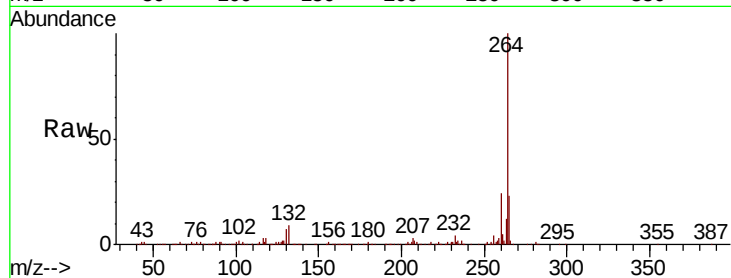
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.11 min Scan# 3748
Delta R.T. -0.02 min
Lab File: BG041016.D
Acq: 1 Jun 2019 17:27

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-B1-C1-B1A-C1AMSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.4
265	23.4	17.0	25.4

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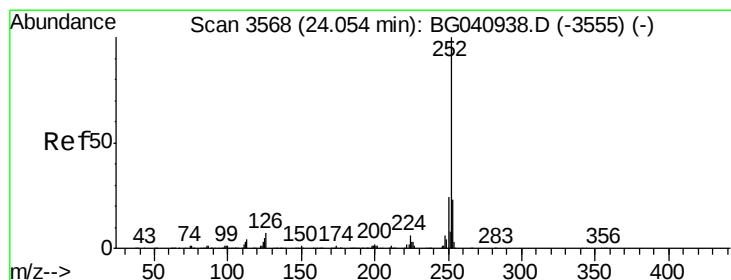
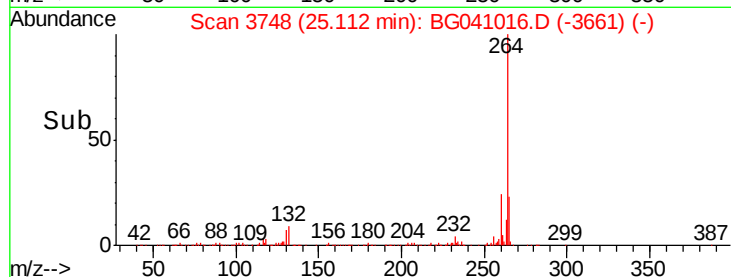
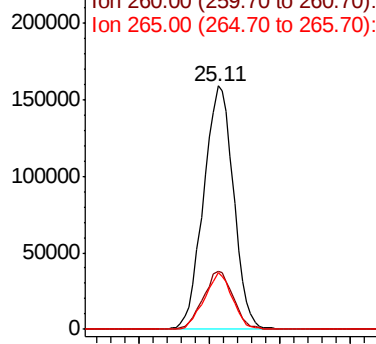


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 45.963 ng
RT: 24.05 min Scan# 3567
Delta R.T. -0.00 min
Lab File: BG041016.D
Acq: 1 Jun 2019 17:27

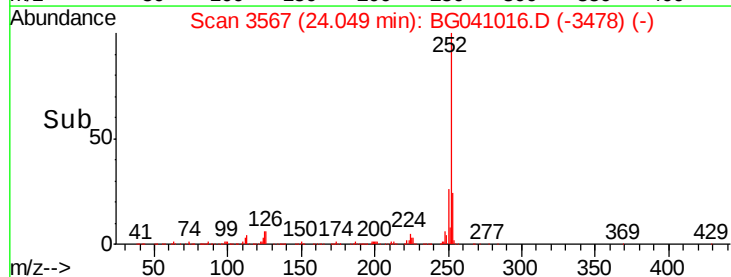
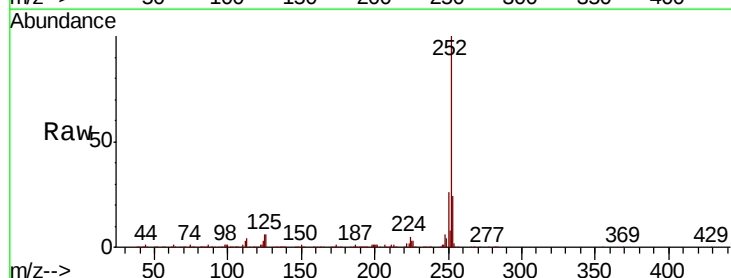
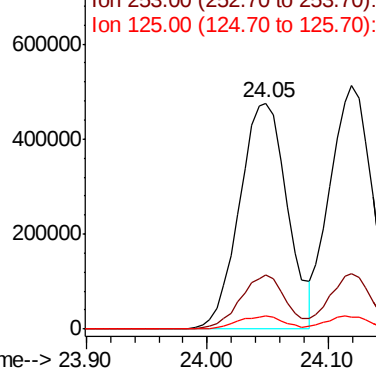
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.4	27.6
125	6.0	4.3	6.5

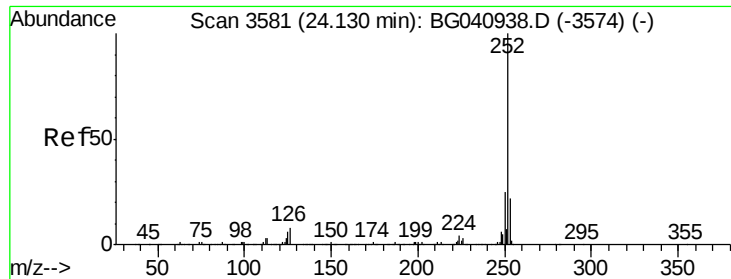
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





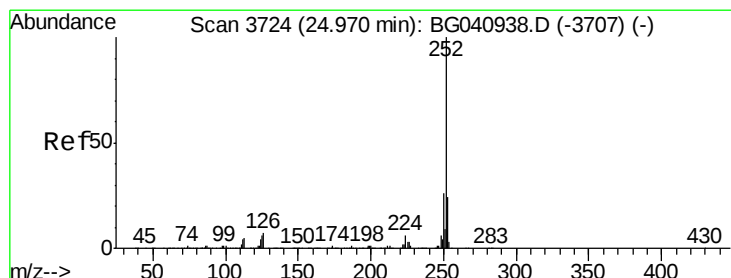
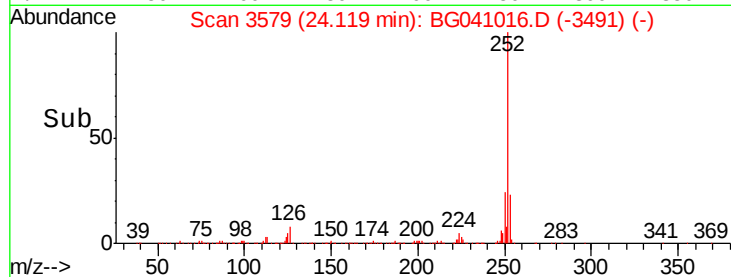
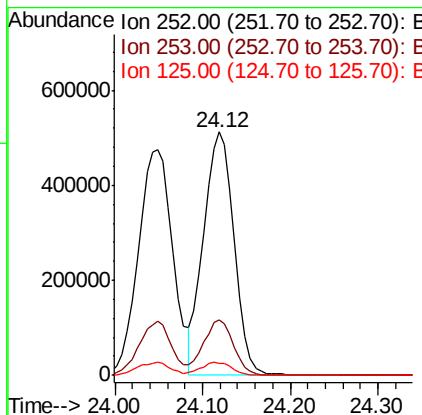
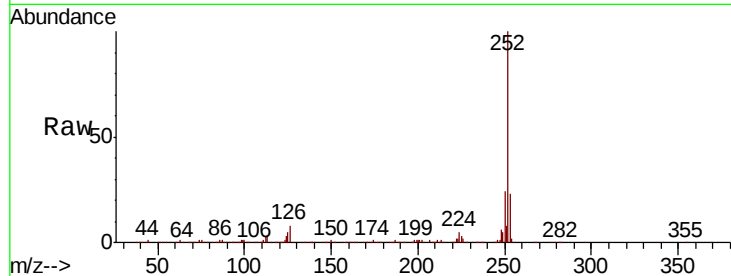
#89
Benzo(k)fluoranthene
Concen: 44.041 ng
RT: 24.12 min Scan# 3579
Delta R.T. -0.01 min
Lab File: BG041016.D
Acq: 1 Jun 2019 17:27

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-B1-C1-B1A-C1AMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.6
125	5.1	4.7	7.1

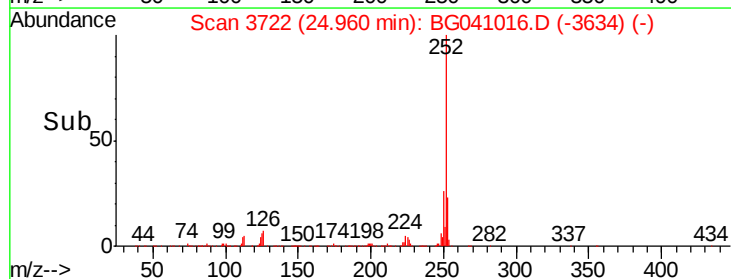
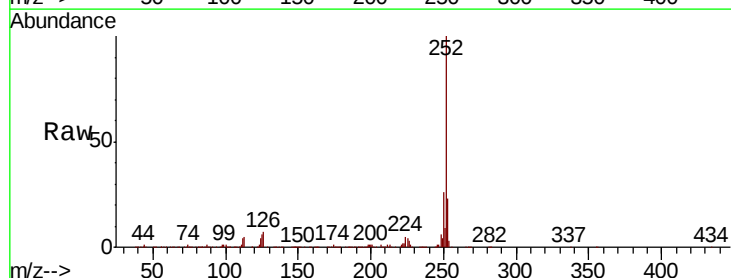
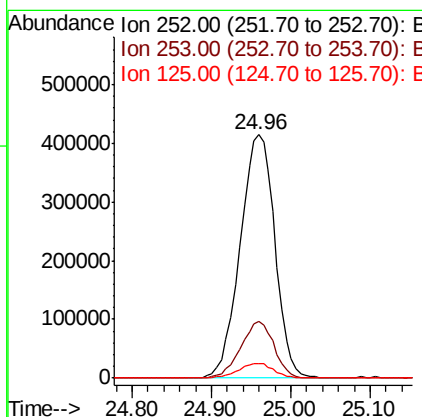
Manual Integrations
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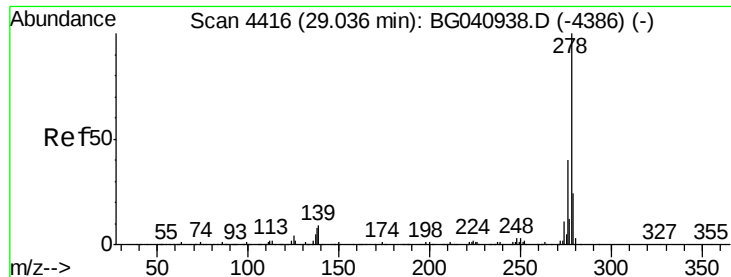
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#90
Benzo(a)pyrene
Concen: 46.503 ng
RT: 24.96 min Scan# 3722
Delta R.T. -0.01 min
Lab File: BG041016.D
Acq: 1 Jun 2019 17:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	19.5	29.3
125	6.0	5.1	7.7





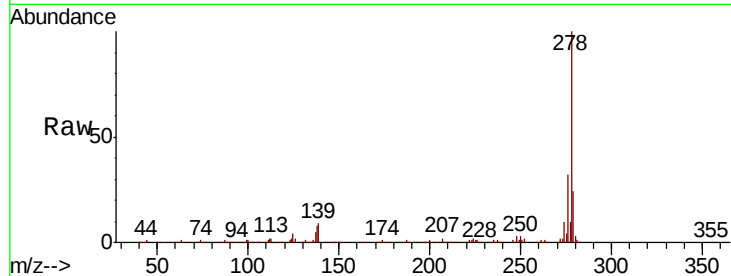
#91
Dibenzo(a,h)anthracene
Concen: 45.510 ng
RT: 29.03 min Scan# 4414
Delta R.T. -0.01 min
Lab File: BG041016.D
Acq: 1 Jun 2019 17:27

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-B1-C1-B1A-C1AMSD

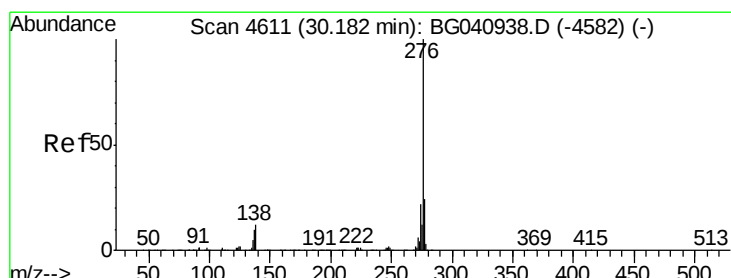
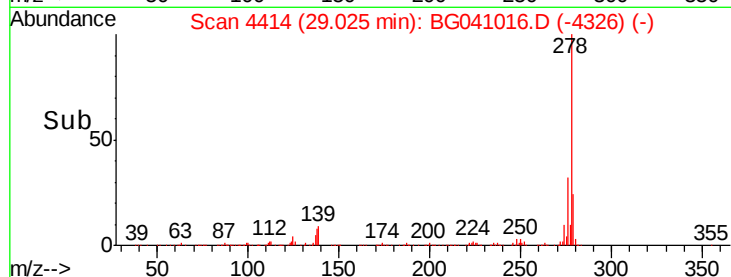
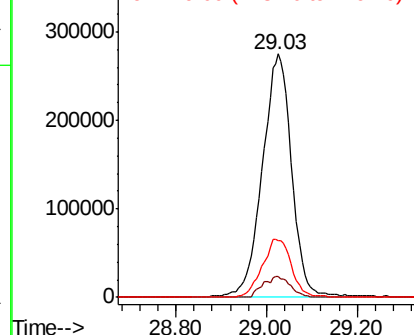
Tot Ion	Ratio	Lower	Upper
278	100		
139	8.8	7.1	10.7
279	23.5	19.4	29.2

Manual Integrations
APPROVED

mohammad
6/3/2019 8:50:52 AM



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



#92
Benzo(g,h,i)perylene
Concen: 48.024 ng
RT: 30.17 min Scan# 4609
Delta R.T. -0.01 min
Lab File: BG041016.D
Acq: 1 Jun 2019 17:27

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.4	29.0
138	11.0	9.7	14.5

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

