

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031919\
 Data File : BG040011.D
 Acq On : 19 Mar 2019 20:38
 Operator : JU/SJ
 Sample : K1958-05MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-3MSD

Manual Integrations
 APPROVED

Sohil
 3/20/2019 4:59:17 PM

Quant Time: Mar 20 04:38:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	42175	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	176816	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	118883	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	289706	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	290212	20.00	ng	-0.03
87) Perylene-d12	25.16	264	303477	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	363220	146.93	ng	-0.02
7) Phenol-d6	7.29	99	527287	143.05	ng	-0.02
23) Nitrobenzene-d5	9.33	82	322990	98.80	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	200314	144.56	ng	-0.01
45) 2-Fluorobiphenyl	13.39	172	722046	86.48	ng	-0.03
79) Terphenyl-d14	20.11	244	1129809	85.72	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.57	88	25581	22.413	ng	100
3) Pyridine	3.98	79	48297	15.807	ng	96
4) n-Nitrosodimethylamine	3.90	42	43884	30.275	ng	# 92
6) Aniline	7.47	93	77551	16.058	ng	100
8) 2-Chlorophenol	7.70	128	91127	30.384	ng	96
9) Benzaldehyde	7.28	77	33410	14.051	ng	90
10) Phenol	7.32	94	133397	33.406	ng	99
11) bis(2-Chloroethyl)ether	7.56	93	90767	29.154	ng	97
12) 1,3-Dichlorobenzene	8.03	146	95428	28.133	ng	98
13) 1,4-Dichlorobenzene	8.18	146	98919	28.630	ng	98
14) 1,2-Dichlorobenzene	8.50	146	95187	28.514	ng	99
15) Benzyl Alcohol	8.38	79	88209	30.167	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.66	45	184322	29.601	ng	98
17) 2-Methylphenol	8.58	107	81472	31.997	ng	99
18) Hexachloroethane	9.23	117	35187	28.383	ng	97
19) n-Nitroso-di-n-propylamine	8.94	70	77025	29.031	ng	95
20) 3+4-Methylphenols	8.91	107	113499	32.086	ng	97
22) Acetophenone	8.97	105	144082	30.361	ng	# 94
24) Nitrobenzene	9.37	77	112202	32.715	ng	99
25) Isophorone	9.88	82	216124	31.550	ng	99
26) 2-Nitrophenol	10.07	139	53694	32.425	ng	93
27) 2,4-Dimethylphenol	10.12	122	94451	36.674	ng	95
28) bis(2-Chloroethoxy)methane	10.36	93	129962	31.219	ng	97
29) 2,4-Dichlorophenol	10.61	162	101346	34.951	ng	96
30) 1,2,4-Trichlorobenzene	10.82	180	102200	31.322	ng	100
31) Naphthalene	11.02	128	294385	31.446	ng	99
32) Benzoic acid	10.22	122	32737m	22.567	ng	
33) 4-Chloroaniline	11.13	127	55851	14.069	ng	99
34) Hexachlorobutadiene	11.28	225	67418	30.237	ng	94
35) Caprolactam	11.90	113	35723	32.251	ng	97
36) 4-Chloro-3-methylphenol	12.23	107	110630	33.283	ng	97
37) 2-Methylnaphthalene	12.61	142	221789	31.688	ng	98
38) 1-Methylnaphthalene	12.83	142	211911	31.155	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	122562	30.432	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	161048	74.617	nq	99
43) 2,4,6-Trichlorophenol	13.21	196	83262	35.312	nq	99
44) 2,4,5-Trichlorophenol	13.28	196	89500	33.675	nq	97
46) 1,1'-Biphenyl	13.60	154	296911	30.365	nq	98
47) 2-Chloronaphthalene	13.65	162	228135	31.014	nq	99
48) 2-Nitroaniline	13.87	65	80739	34.154	nq	93
49) Acenaphthylene	14.49	152	372019	30.808	nq	99
50) Dimethylphthalate	14.22	163	362770	36.493	nq	99
51) 2,6-Dinitrotoluene	14.35	165	70679	33.538	nq	97
52) Acenaphthene	14.84	154	223758	30.787	nq	96
53) 3-Nitroaniline	14.68	138	42533	20.078	nq #	92
54) 2,4-Dinitrophenol	14.89	184	85619	65.446	nq	98
55) Dibenzofuran	15.17	168	372125	31.207	nq	99
56) 4-Nitrophenol	14.98	139	120181	63.418	nq	95
57) 2,4-Dinitrotoluene	15.14	165	98196	33.161	nq #	92
58) Fluorene	15.82	166	292300	31.181	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	89250	34.385	nq	98
60) Diethylphthalate	15.57	149	313380	31.845	nq	98
61) 4-Chlorophenyl-phenylether	15.80	204	152175	30.421	nq	97
62) 4-Nitroaniline	15.85	138	72606	31.615	nq	93
63) Azobenzene	16.09	77	287611	32.242	nq	98
65) 4,6-Dinitro-2-methylphenol	15.89	198	59805	34.914	nq	98
66) n-Nitrosodiphenylamine	16.02	169	270112	32.206	nq	98
67) 4-Bromophenyl-phenylether	16.69	248	99840	30.788	nq	96
68) Hexachlorobenzene	16.81	284	102616	30.528	nq	94
69) Atrazine	16.96	200	109812	33.268	nq	95
70) Pentachlorophenol	17.16	266	130875	61.650	nq	99
71) Phenanthrene	17.56	178	490066	30.711	nq	100
72) Anthracene	17.65	178	496349	31.919	nq	99
73) Carbazole	17.92	167	447342	31.910	nq	99
74) Di-n-butylphthalate	18.45	149	532347	32.275	nq	100
75) Fluoranthene	19.56	202	587962	31.177	nq	97
77) Benzidine	19.74	184	58655	6.369	nq	96
78) Pyrene	19.92	202	590869	31.332	nq	98
80) Butylbenzylphthalate	20.79	149	247411	33.863	nq	98
81) Benzo(a)anthracene	21.79	228	559155	30.742	nq	98
82) 3,3'-Dichlorobenzidine	21.69	252	122133	18.392	nq	100
83) Chrysene	21.85	228	538781	30.555	nq	98
84) Bis(2-ethylhexyl)phthalate	21.64	149	355993	34.674	nq	98
85) Di-n-octyl phthalate	22.90	149	599619	35.272	nq	97
86) Indeno(1,2,3-cd)pyrene	29.03	276	632910	31.639	nq #	96
88) Benzo(b)fluoranthene	24.09	252	566327	31.294	nq	98
89) Benzo(k)fluoranthene	24.16	252	534780	31.746	nq	98
90) Benzo(a)pyrene	25.00	252	550425	32.915	nq	99
91) Dibenzo(a,h)anthracene	29.10	278	520003	31.719	nq	98
92) Benzo(g,h,i)perylene	30.24	276	530333	32.210	nq	97

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

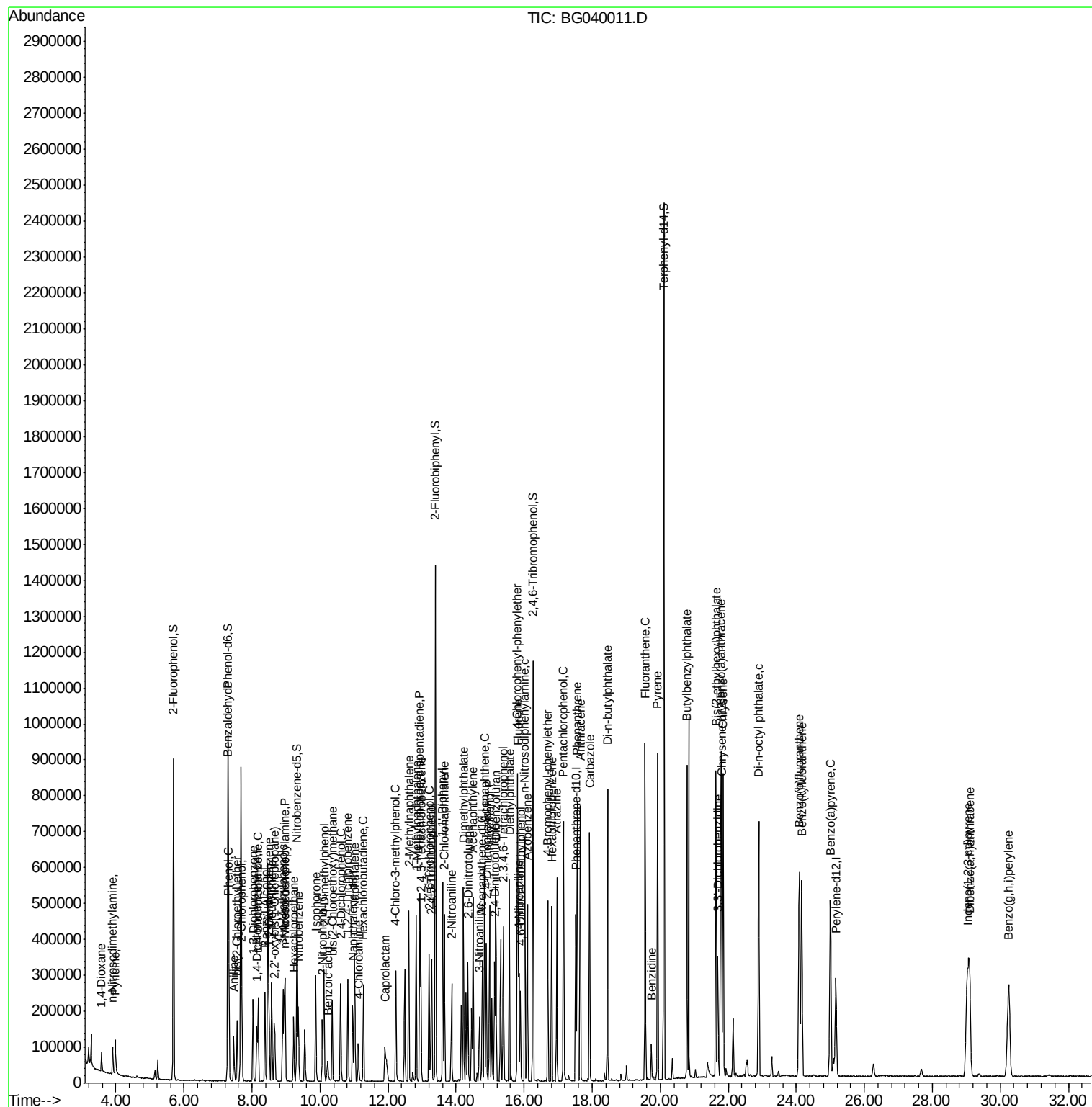
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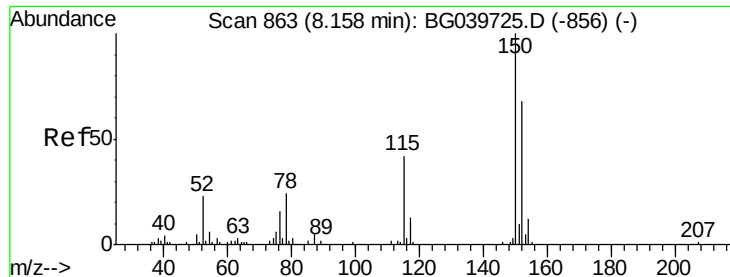
Instrument :
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TP-3MSD

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#1

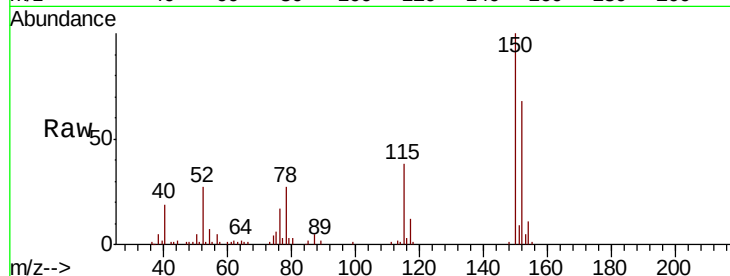
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.03 min
Lab File: BG040011.D
Acq: 19 Mar 2019 20:38

Instrument :
BNA_G
ClientSampled :
TP-3MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.7	123.7	185.5
115	55.7	45.9	68.9

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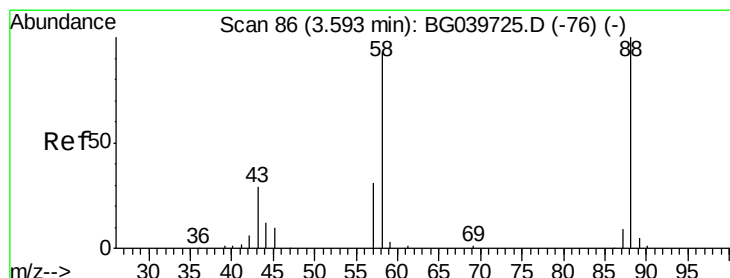
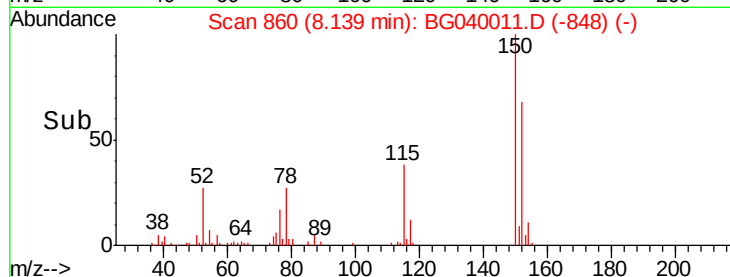
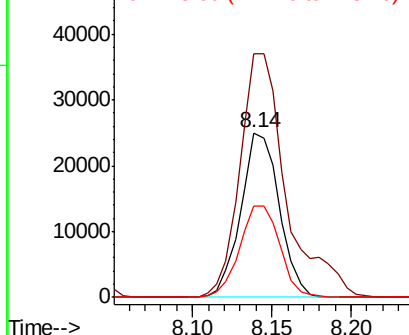


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

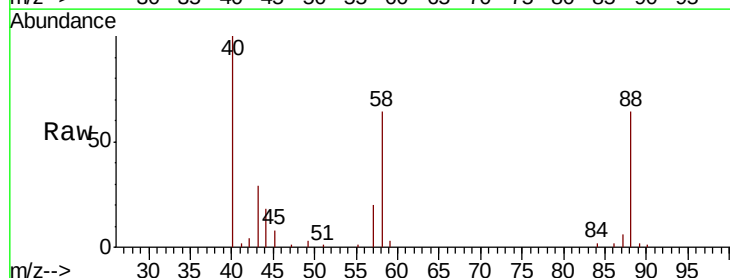
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 22.413 ng
RT: 3.57 min Scan# 83
Delta R.T. -0.03 min
Lab File: BG040011.D
Acq: 19 Mar 2019 20:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	101.7	81.1	121.7
43	39.2	31.4	47.0

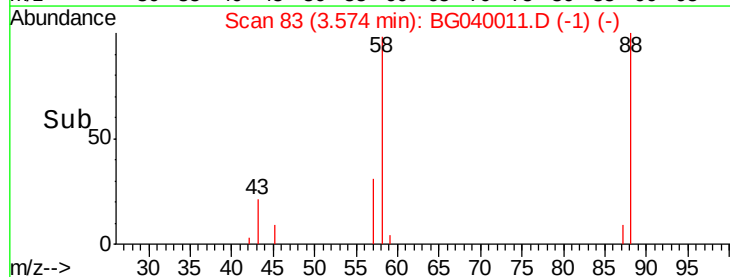
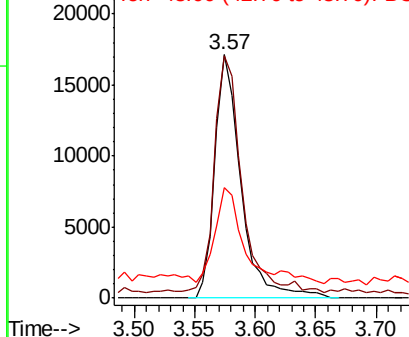


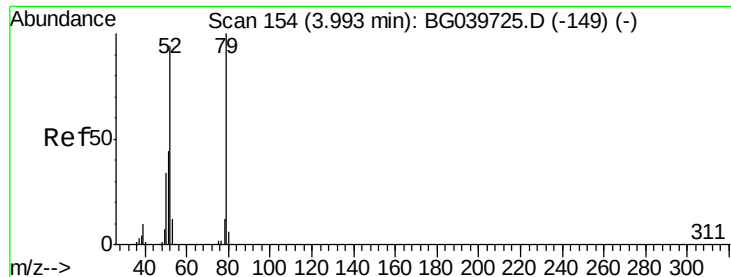
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 15.807 ng

RT: 3.98 min Scan# 152

Delta R.T. -0.03 min

Lab File: BG040011.D

Acq: 19 Mar 2019 20:38

Instrument :

BNA_G

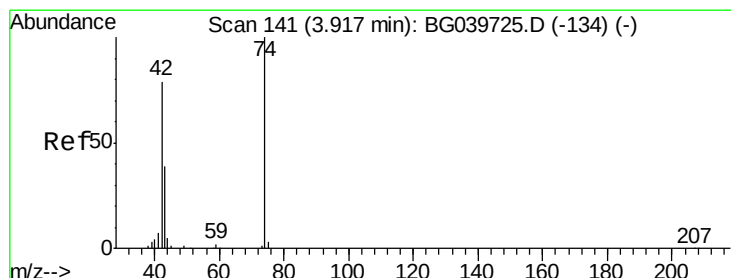
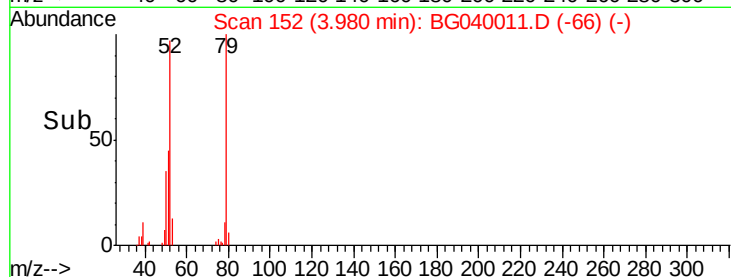
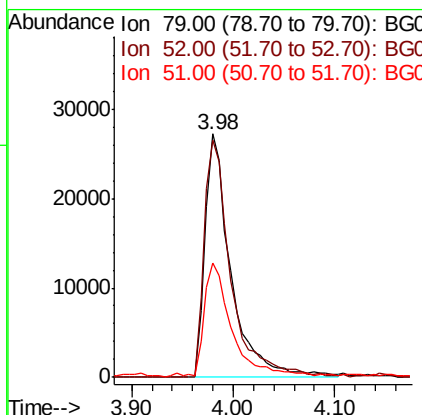
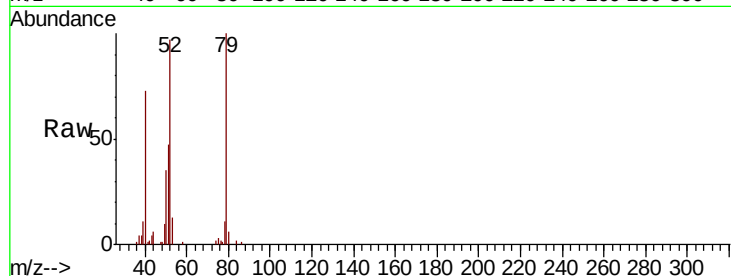
ClientSampleId :

TP-3MSD

Tot Ion:	79	Resp:	48297
Ion Ratio	Lower	Upper	
79	100		
52	97.4	82.6	124.0
51	46.9	37.5	56.3

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#4

n-Nitrosodimethylamine

Concen: 30.275 ng

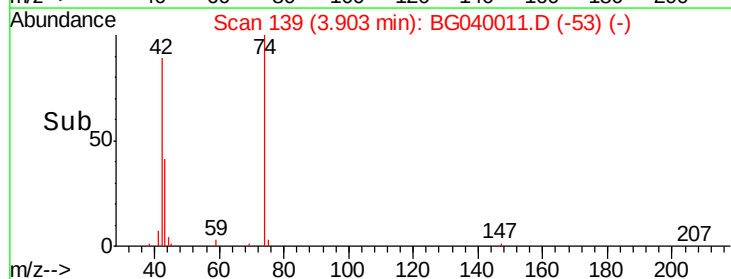
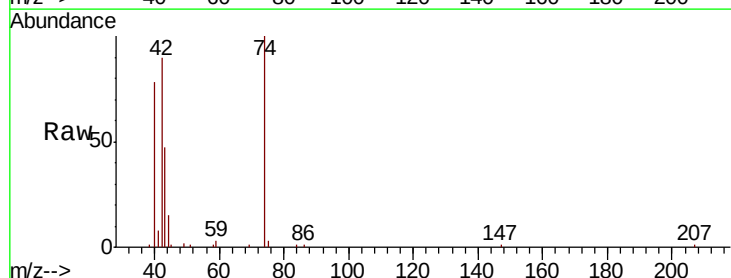
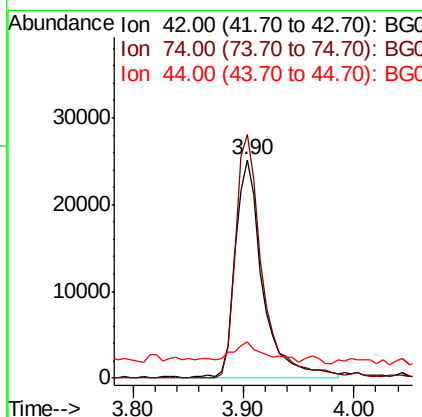
RT: 3.90 min Scan# 139

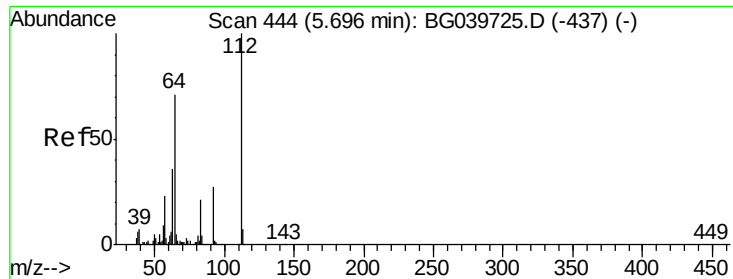
Delta R.T. -0.03 min

Lab File: BG040011.D

Acq: 19 Mar 2019 20:38

Tgt Ion:	42	Resp:	43884
Ion Ratio	Lower	Upper	
42	100		
74	111.5	83.6	125.4
44	16.6	6.9	10.3#





#5

2-Fluorophenol

Concen: 146.925 ng

RT: 5.69 min Scan# 443

Delta R.T. -0.02 min

Lab File: BG040011.D

Acq: 19 Mar 2019 20:38

Instrument :

BNA_G

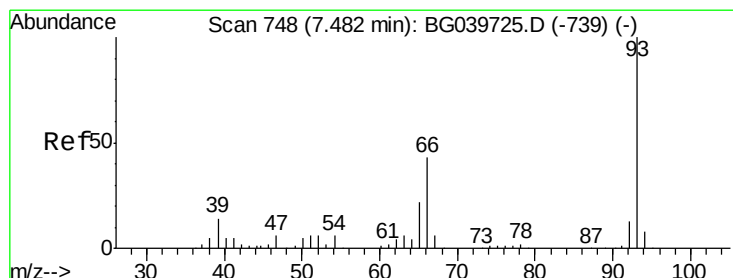
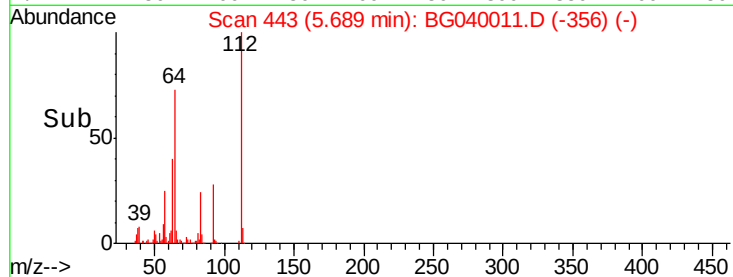
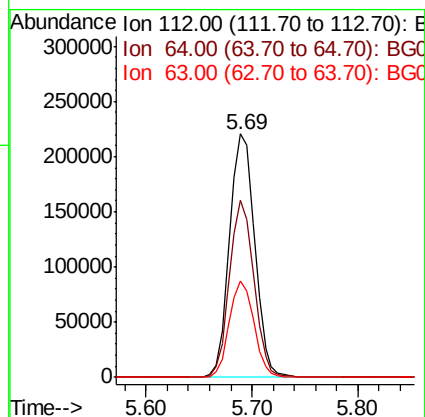
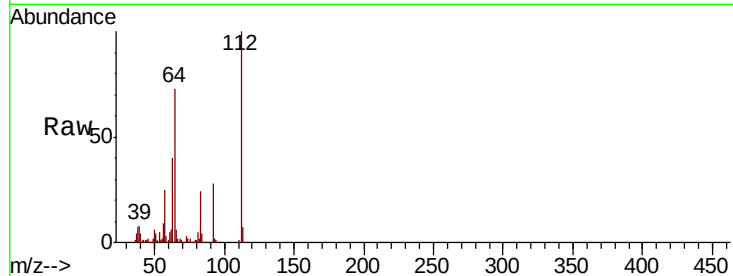
ClientSampled :

TP-3MSD

Tot Ion:	112	Resp:	363220
Ion Ratio	Lower	Upper	
112	100		
64	72.9	57.8	86.8
63	39.7	29.8	44.6

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#6

Aniline

Concen: 16.058 ng

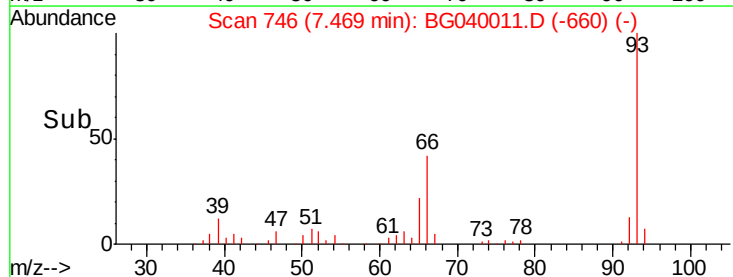
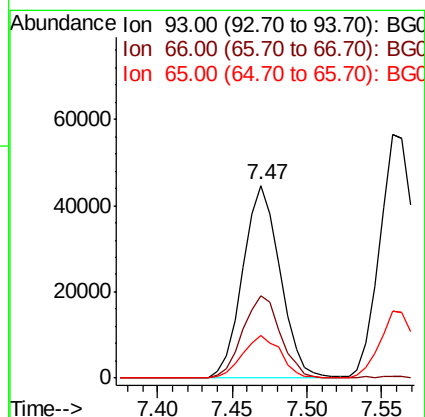
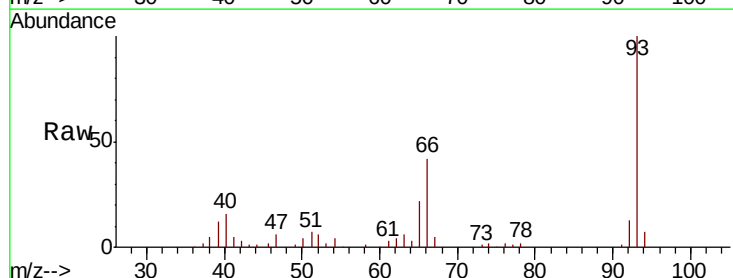
RT: 7.47 min Scan# 746

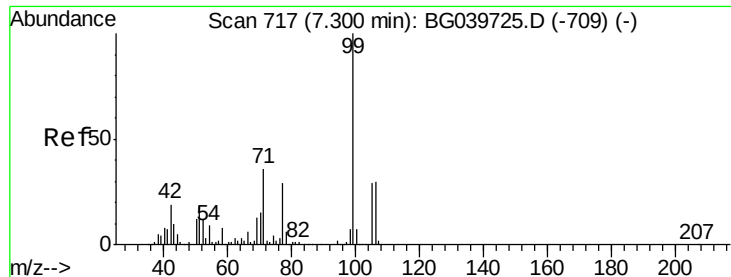
Delta R.T. -0.03 min

Lab File: BG040011.D

Acq: 19 Mar 2019 20:38

Tgt Ion:	93	Resp:	77551
Ion Ratio	Lower	Upper	
93	100		
66	42.4	34.2	51.4
65	22.1	17.7	26.5





#7

Phenol-d6

Concen: 143.047 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG040011.D

Acq: 19 Mar 2019 20:38

Instrument :

BNA_G

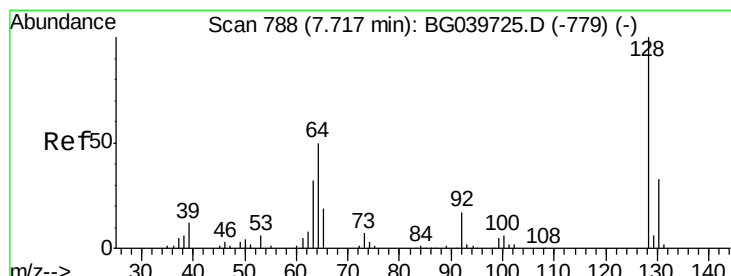
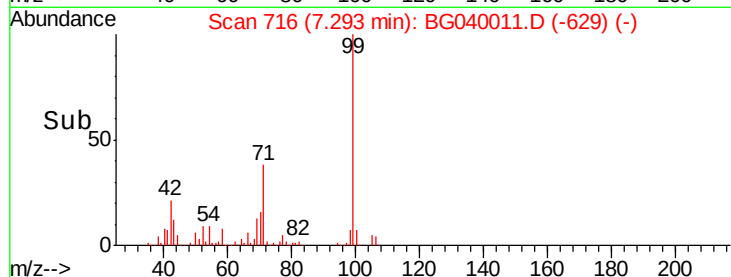
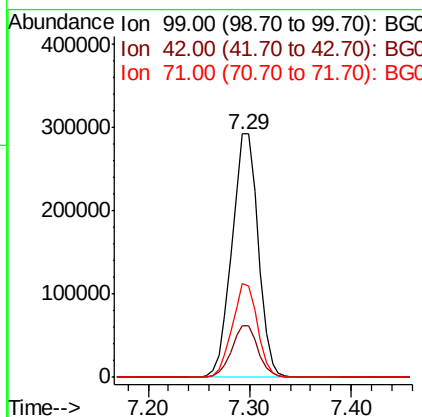
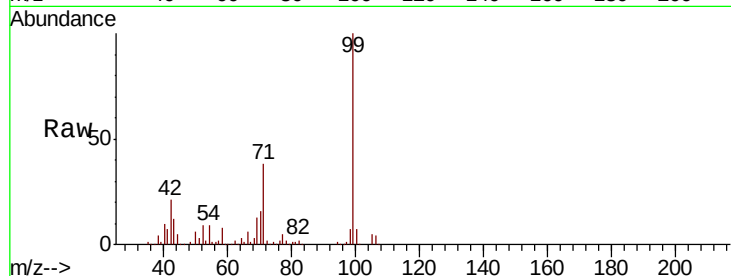
ClientSampled :

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Tot Ion:	99	Resp:	527287
Ion Ratio	Lower	Upper	
99	100		
42	21.2	18.2	27.2
71	38.4	28.0	42.0

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#8

2-Chlorophenol

Concen: 30.384 ng

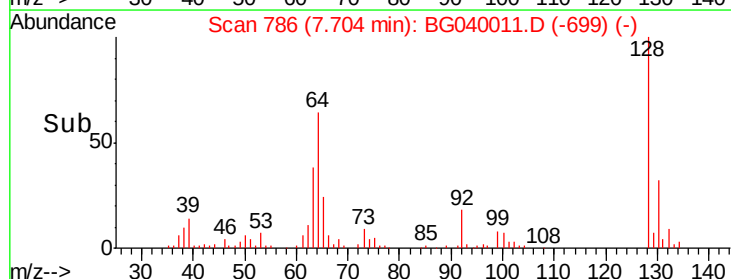
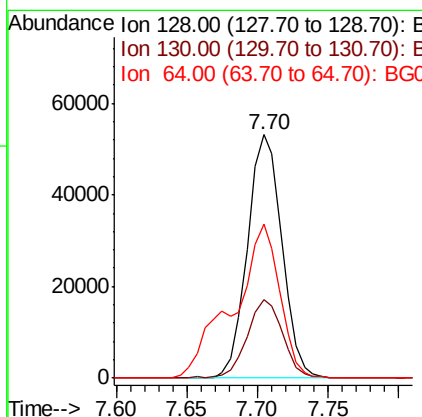
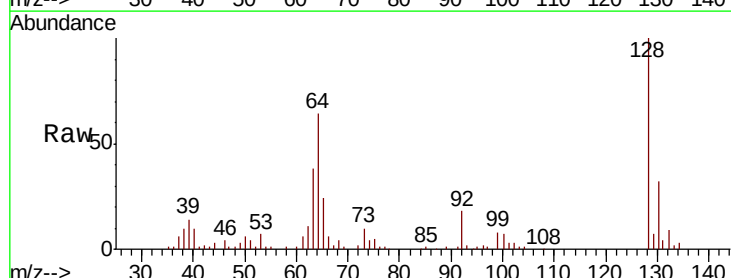
RT: 7.70 min Scan# 786

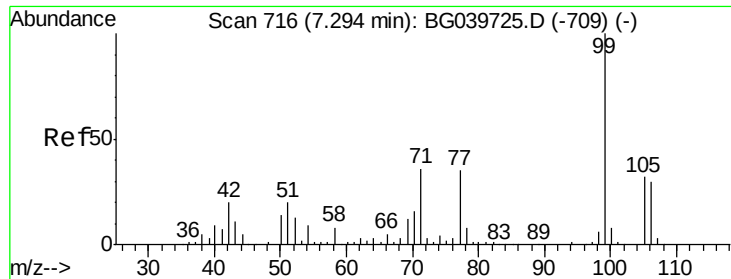
Delta R.T. -0.02 min

Lab File: BG040011.D

Acq: 19 Mar 2019 20:38

Tgt Ion:	128	Resp:	91127
Ion Ratio	Lower	Upper	
128	100		
130	32.5	12.9	52.9
64	63.5	38.7	78.7





#9

Benzaldehyde

Concen: 14.051 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.03 min

Lab File: BG040011.D

Acq: 19 Mar 2019 20:38

Instrument :

BNA_G

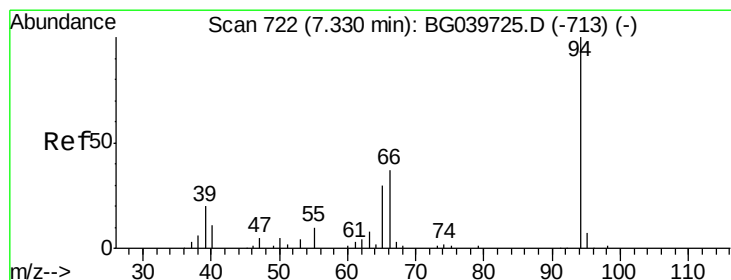
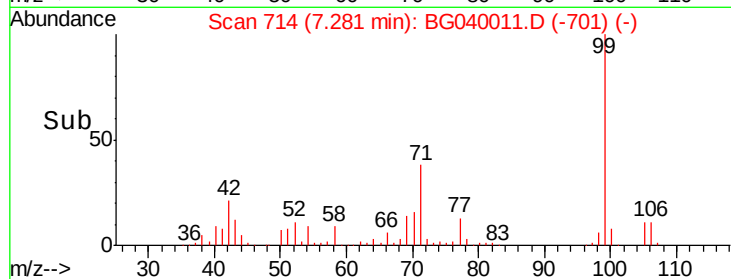
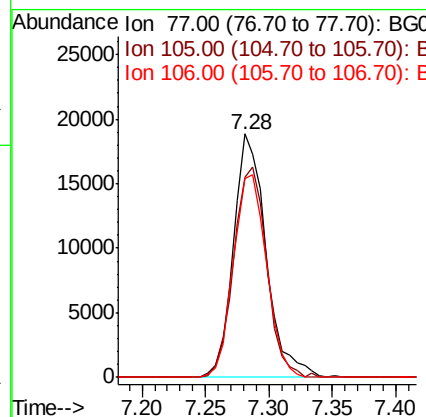
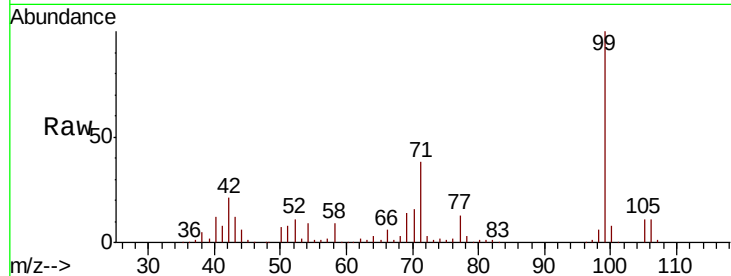
ClientSampled :

TP-3MSD

Tot Ion:	77	Resp:	33410
Ion	Ratio	Lower	Upper
77	100		
105	82.3	74.5	114.5
106	81.8	68.0	108.0

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#10

Phenol

Concen: 33.406 ng

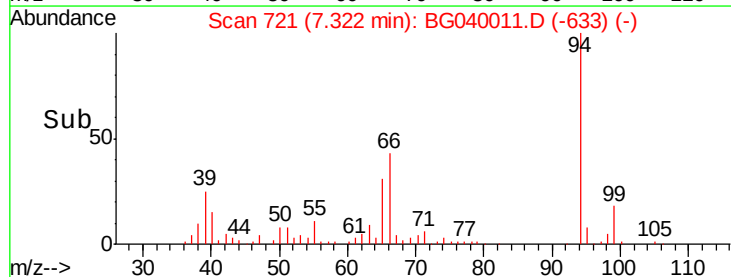
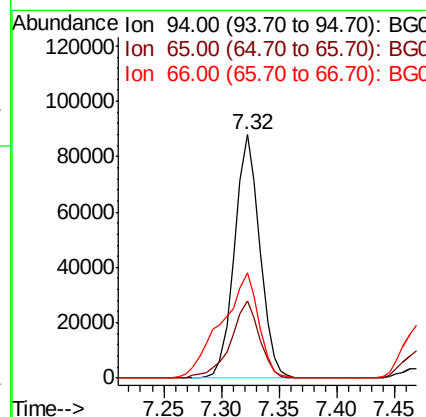
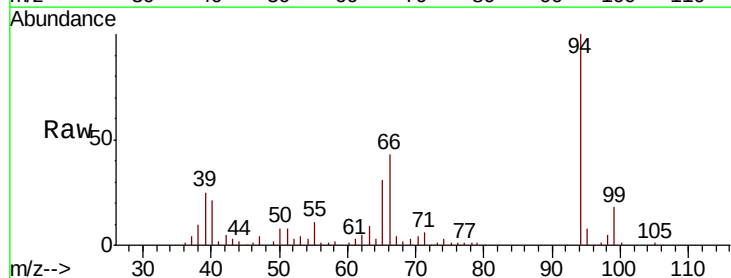
RT: 7.32 min Scan# 721

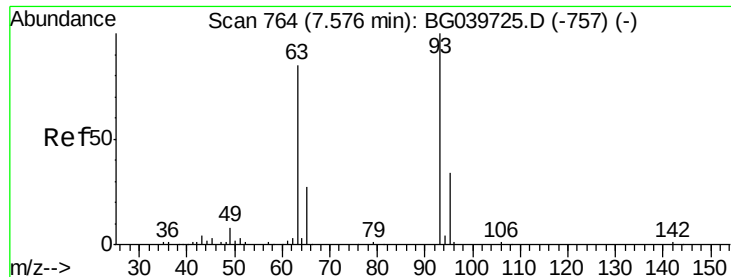
Delta R.T. -0.01 min

Lab File: BG040011.D

Acq: 19 Mar 2019 20:38

Tgt Ion:	94	Resp:	133397
Ion	Ratio	Lower	Upper
94	100		
65	31.5	11.7	51.7
66	43.2	23.7	63.7





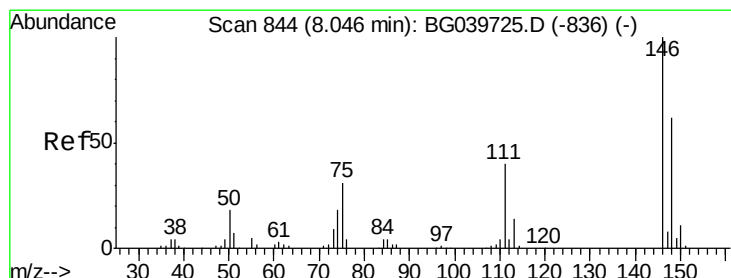
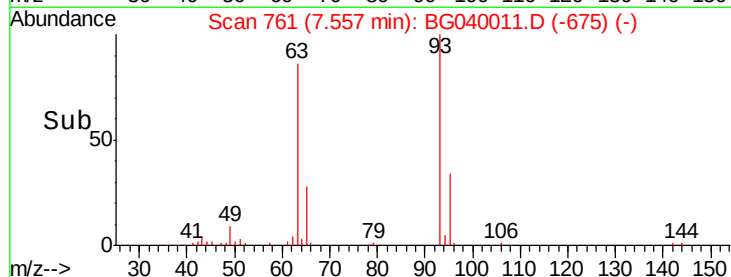
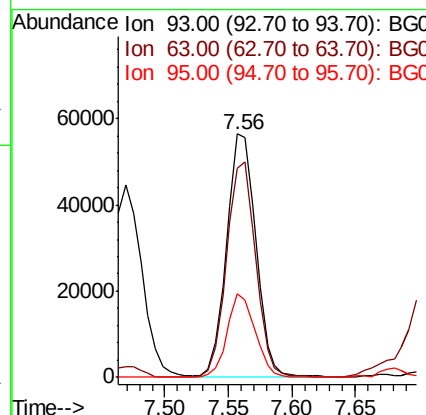
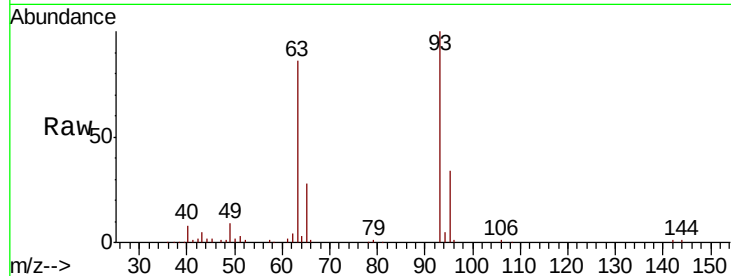
#11
bis(2-Chloroethyl)ether
Concen: 29.154 ng
RT: 7.56 min Scan# 761
Delta R.T. -0.03 min
Lab File: BG040011.D
Acq: 19 Mar 2019 20:38

Instrument :
BNA_G
ClientSampleId :
TP-3MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	86.0	69.5	109.5
95	34.1	12.7	52.7

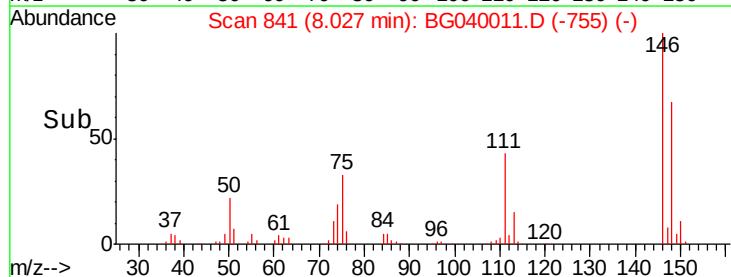
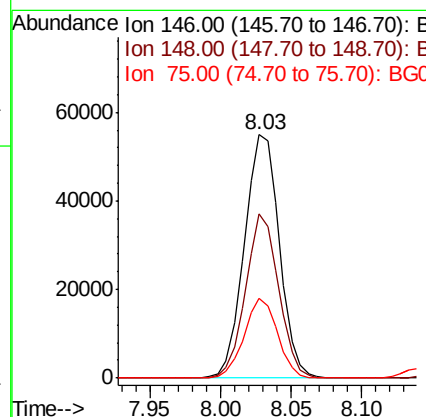
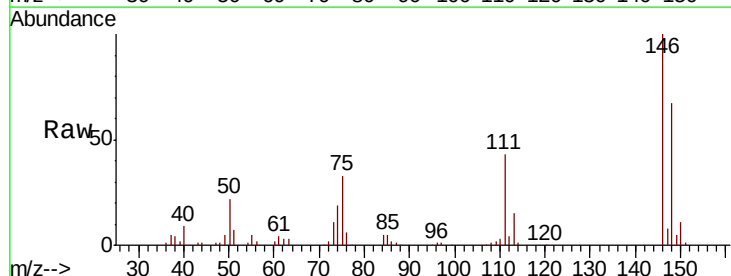
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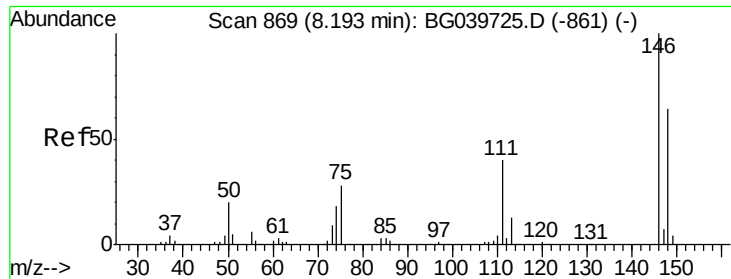
Sohil
3/20/2019 4:59:17 PM



#12
1,3-Dichlorobenzene
Concen: 28.133 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.03 min
Lab File: BG040011.D
Acq: 19 Mar 2019 20:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.2	52.6	79.0
75	32.8	25.8	38.6





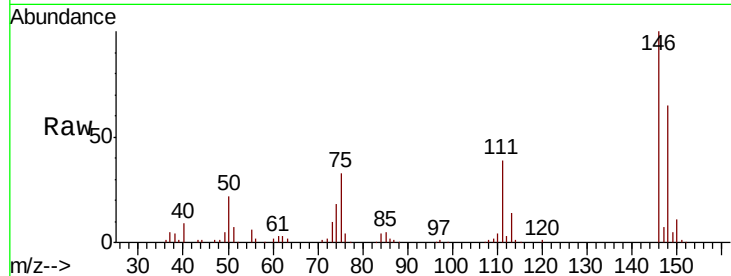
#13
 1,4-Dichlorobenzene
 Concen: 28.630 ng
 RT: 8.18 min Scan# 867
 Delta R.T. -0.02 min
 Lab File: BG040011.D
 Acq: 19 Mar 2019 20:38

Instrument :
 BNA_G
 ClientSampled :
 TP-3MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.1	76.7
111	39.4	32.6	48.8

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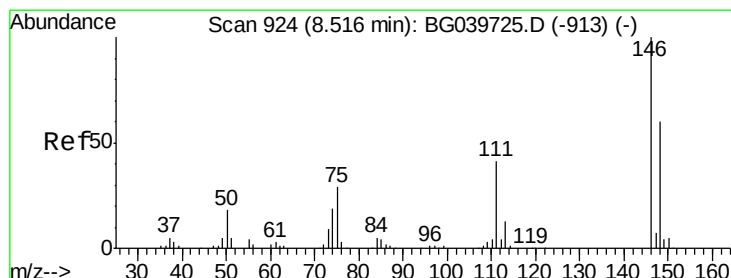
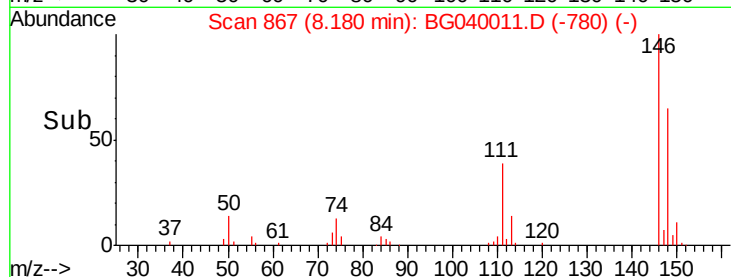
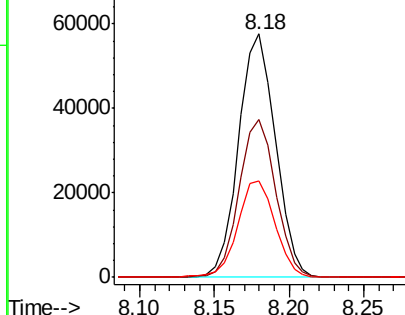


Abundance

Ion 146.00 (145.70 to 146.70): E

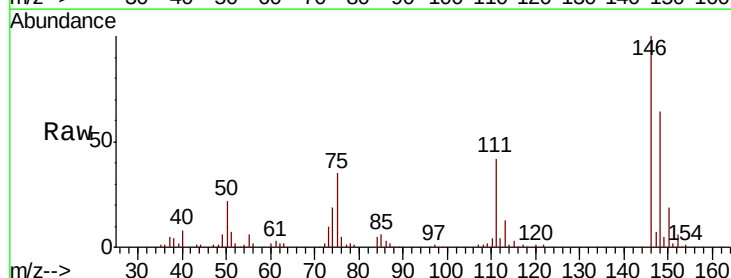
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 28.514 ng
 RT: 8.50 min Scan# 921
 Delta R.T. -0.03 min
 Lab File: BG040011.D
 Acq: 19 Mar 2019 20:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.5	77.3
111	41.6	33.8	50.6

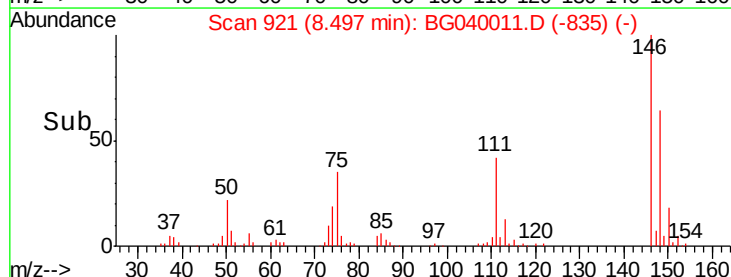
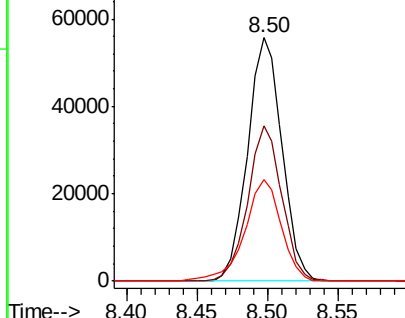


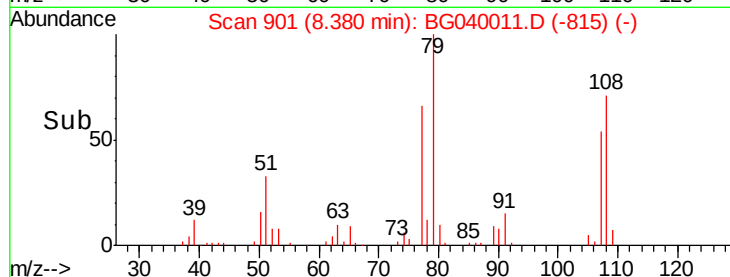
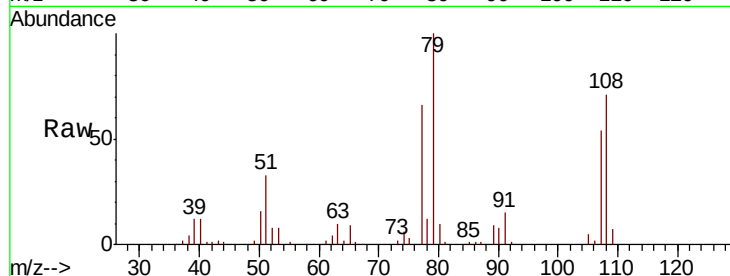
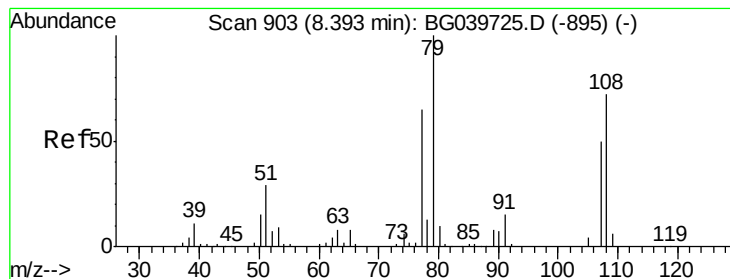
Abundance

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: 30.167 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.03 min

Lab File: BG040011.D

Acq: 19 Mar 2019 20:38

Tot Ion:	79	Resp:	88209
Ion Ratio	Lower	Upper	
79	100		
108	71.2	57.8	86.6
77	66.2	51.1	76.7

Instrument :

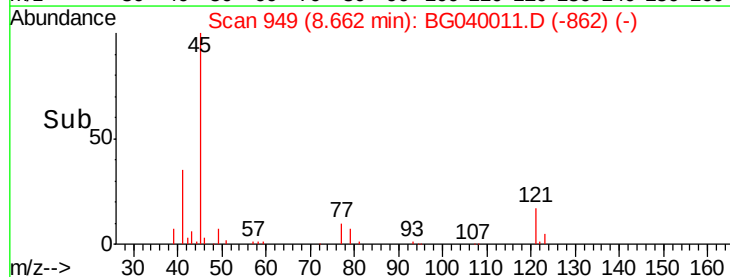
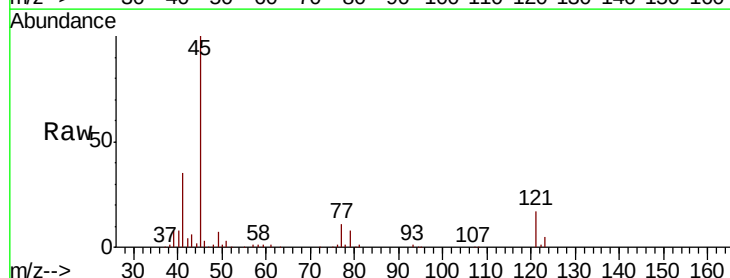
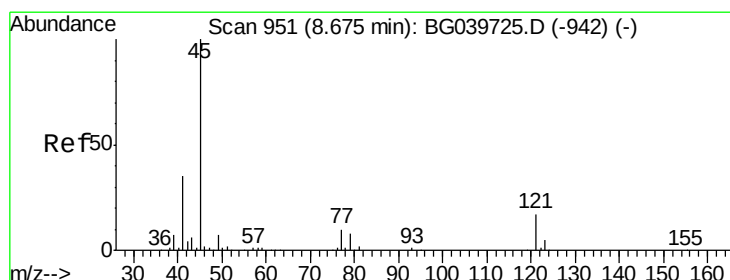
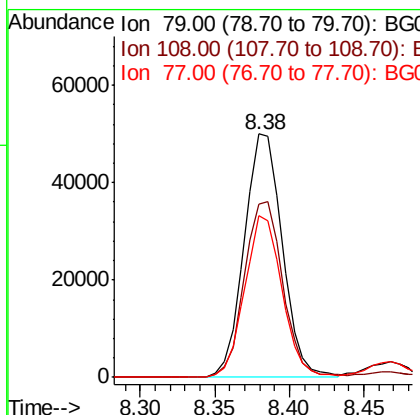
BNA_G

ClientSampled :

TP-3MSD

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 29.601 ng

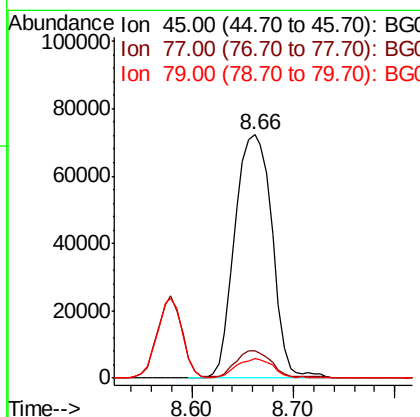
RT: 8.66 min Scan# 949

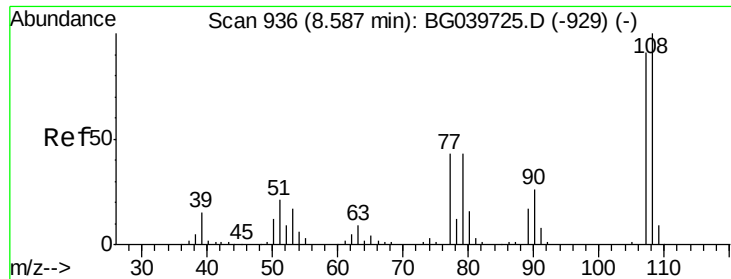
Delta R.T. -0.02 min

Lab File: BG040011.D

Acq: 19 Mar 2019 20:38

Tgt Ion:	45	Resp:	184322
Ion Ratio	Lower	Upper	
45	100		
77	11.3	0.0	30.0
79	7.8	0.0	27.5





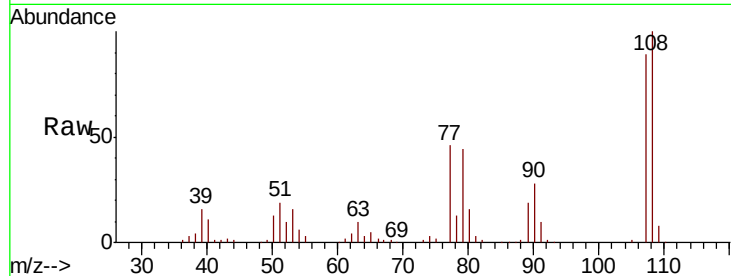
#17
2-Methylphenol
Concen: 31.997 ng
RT: 8.58 min Scan# 935
Delta R.T. -0.02 min
Lab File: BG040011.D
Acq: 19 Mar 2019 20:38

Instrument :
BNA_G
ClientSampled :
TP-3MSD

Tot Ion:	107	Resp:	81472
Ion	Ratio	Lower	Upper
107	100		
108	112.0	90.8	136.2
77	51.3	40.7	61.1
79	49.6	40.6	60.8

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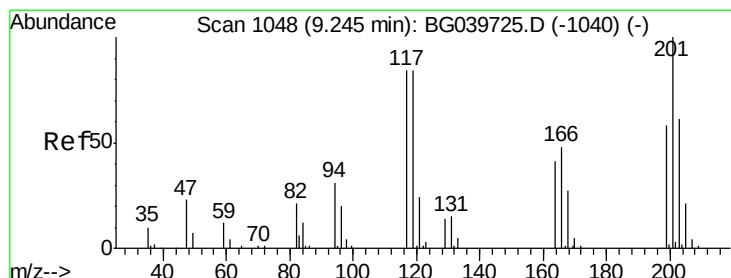
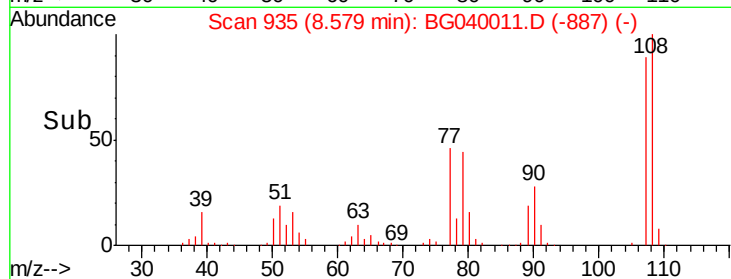
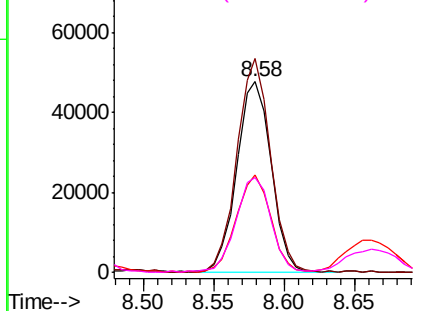
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 28.383 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.03 min
Lab File: BG040011.D
Acq: 19 Mar 2019 20:38

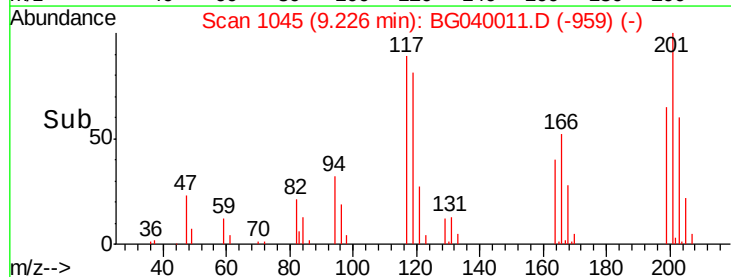
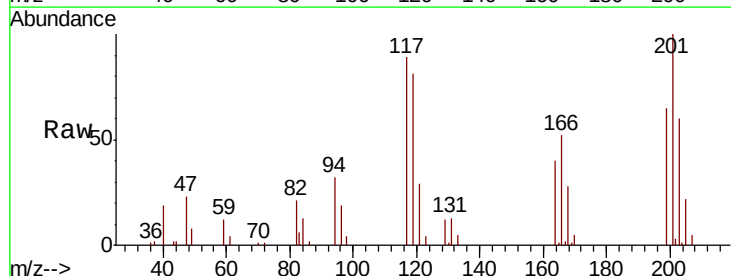
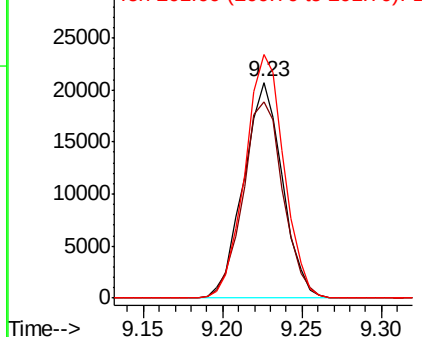
Tgt Ion:	117	Resp:	35187
Ion	Ratio	Lower	Upper
117	100		
119	91.1	76.3	114.5
201	112.7	91.1	136.7

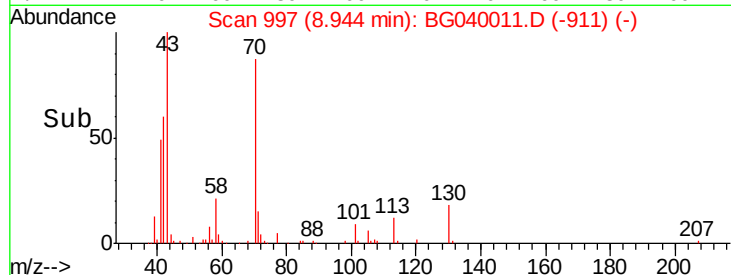
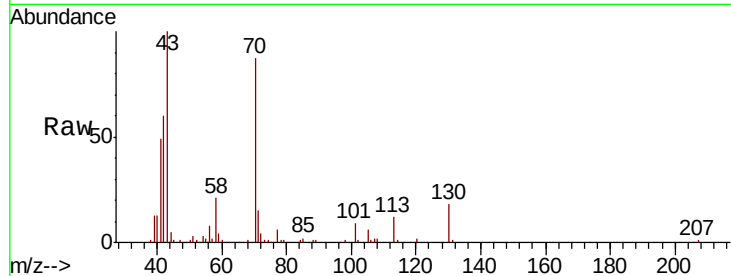
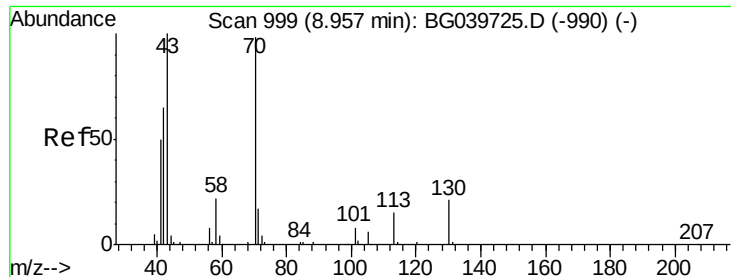
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





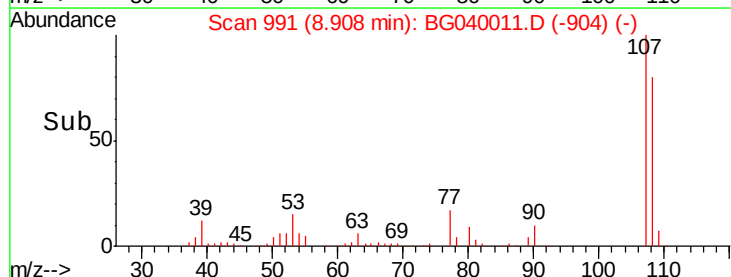
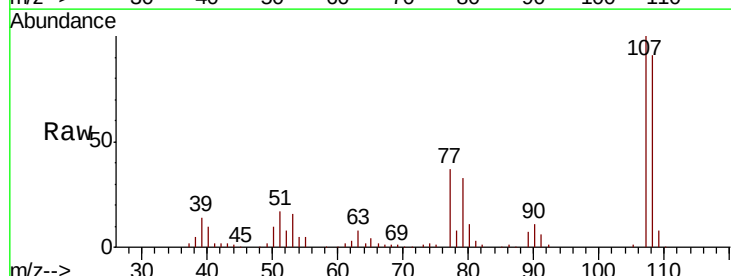
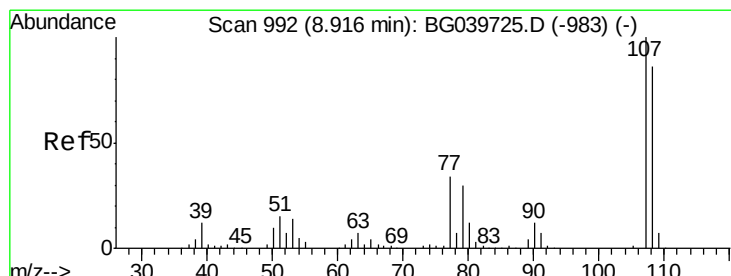
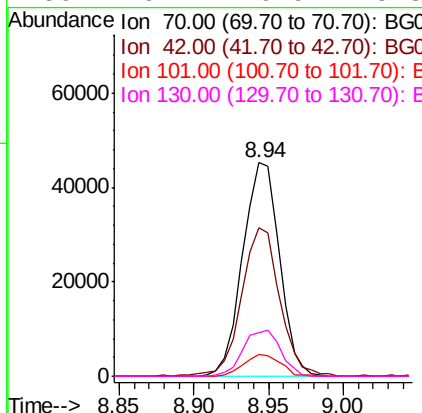
#19
n-Nitroso-di-n-propylamine
Concen: 29.031 ng
RT: 8.94 min Scan# 997
Delta R.T. -0.03 min
Lab File: BG040011.D
Acq: 19 Mar 2019 20:38

Instrument :
BNA_G
ClientSampled :
TP-3MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	69.6	60.4	90.6	
101	10.3	7.5	11.3	
130	20.7	16.9	25.3	

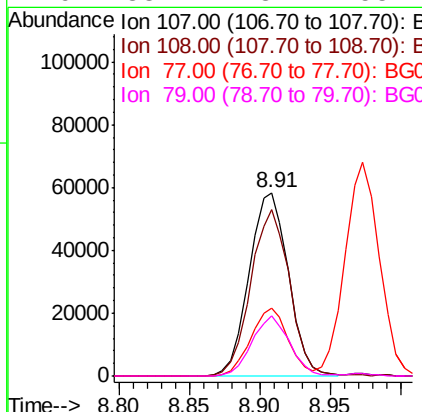
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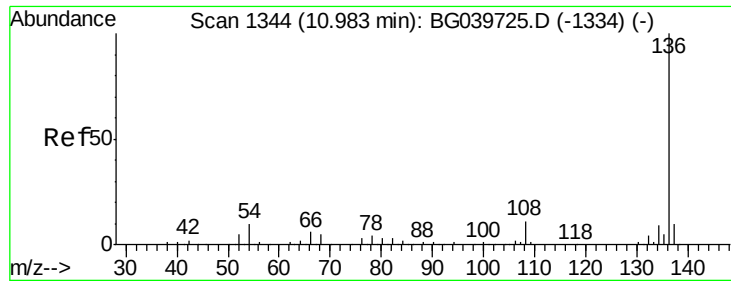
Sohil
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#20
3+4-Methylphenols
Concen: 32.086 ng
RT: 8.91 min Scan# 991
Delta R.T. -0.02 min
Lab File: BG040011.D
Acq: 19 Mar 2019 20:38

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.7	67.9	107.9	
77	37.2	15.4	55.4	
79	33.1	13.7	53.7	





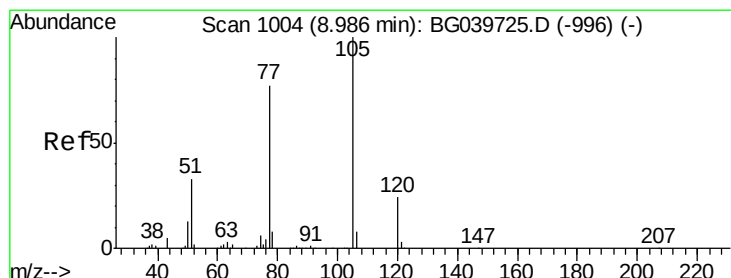
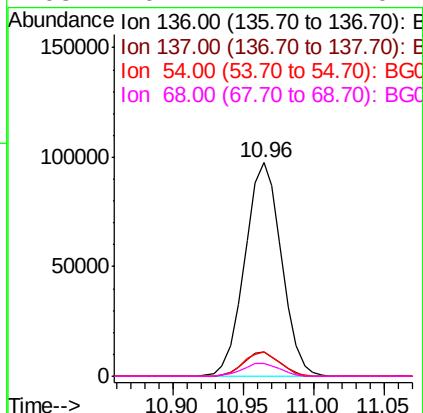
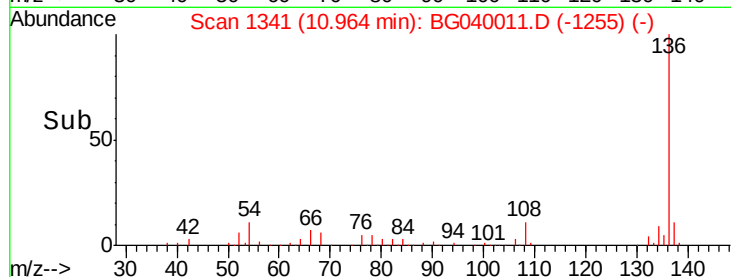
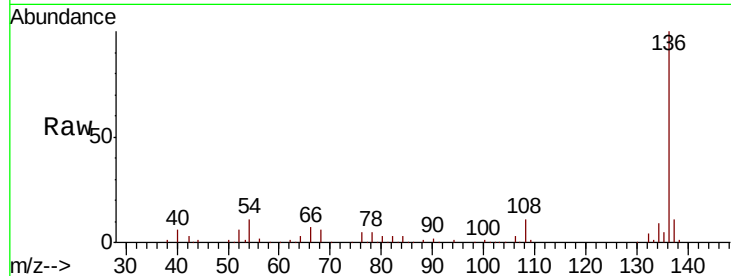
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1341
Delta R.T. -0.03 min
Lab File: BG040011.D
Acq: 19 Mar 2019 20:38

Instrument :
BNA_G
ClientSampled :
TP-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	176816		
137	11.2	9.1	13.7	
54	11.5	9.4	14.2	
68	6.1	4.2	6.4	

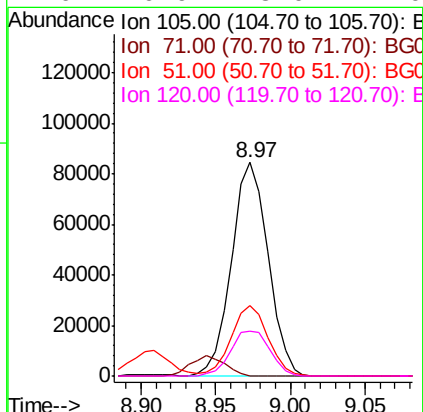
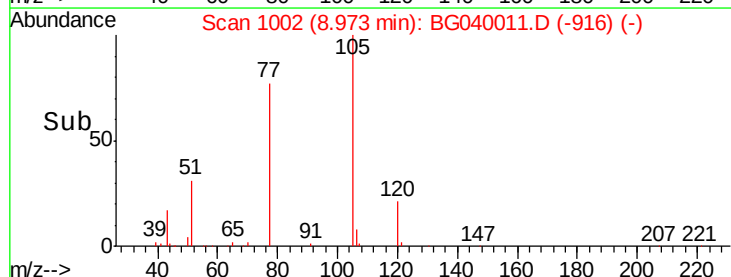
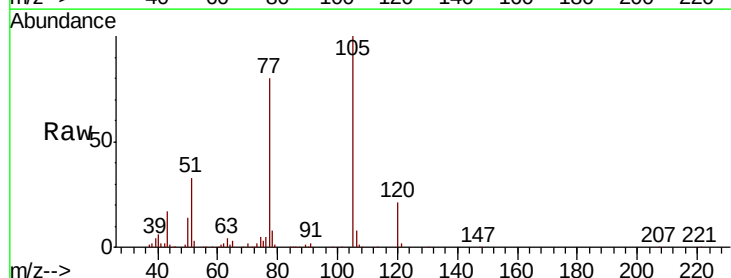
Manual Integrations
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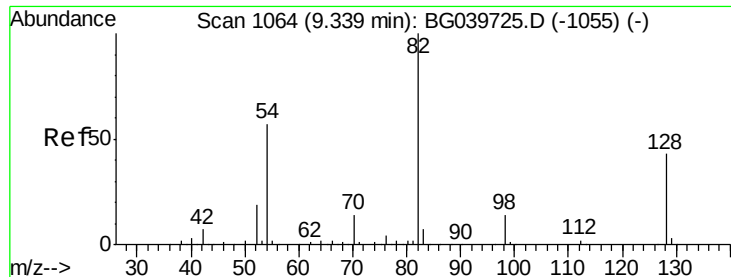
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#22
Acetophenone
Concen: 30.361 ng
RT: 8.97 min Scan# 1002
Delta R.T. -0.03 min
Lab File: BG040011.D
Acq: 19 Mar 2019 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	144082		
71	0.2	0.8	1.2#	
51	32.8	30.2	45.2	
120	20.9	18.0	27.0	





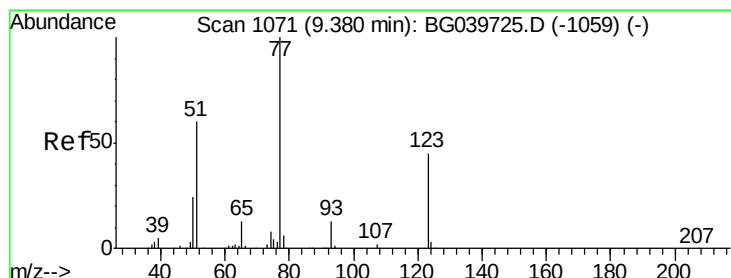
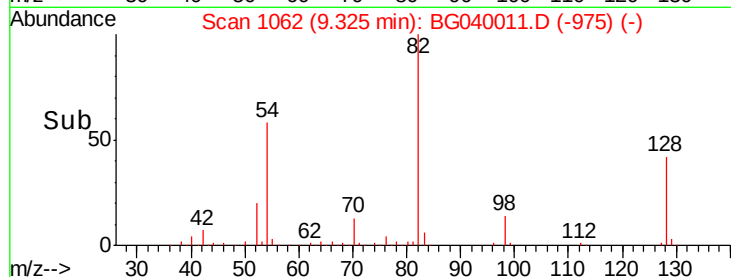
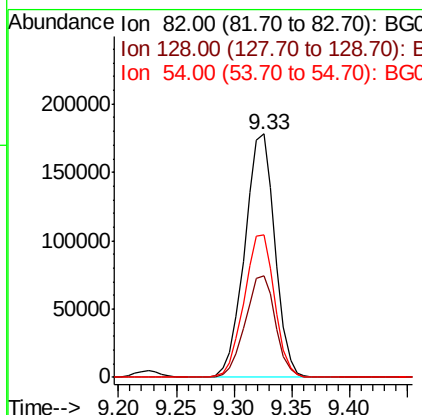
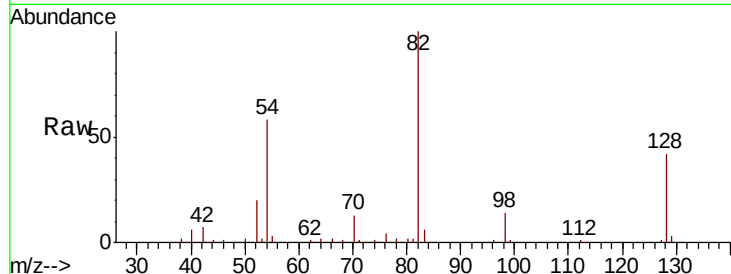
#23
Nitrobenzene-d5
Concen: 98.795 ng
RT: 9.33 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BG040011.D
Acq: 19 Mar 2019 20:38

Instrument :
BNA_G
ClientSampled :
TP-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	322990		
128	41.9	31.3	46.9	
54	58.3	50.9	76.3	

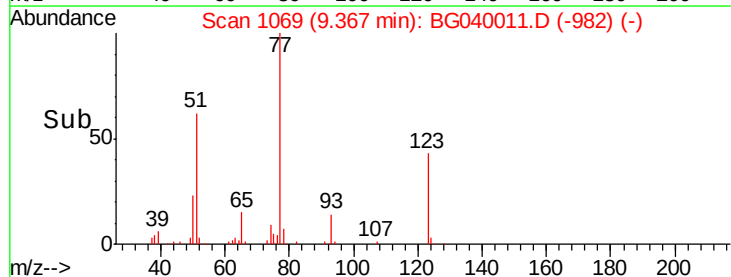
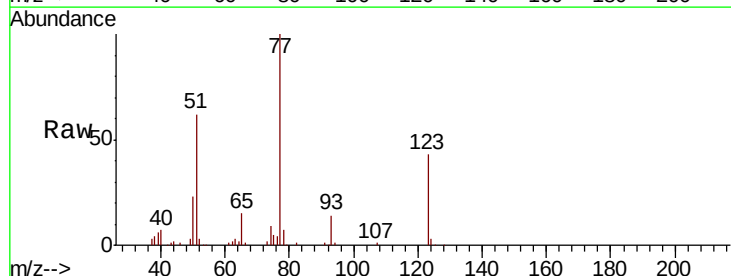
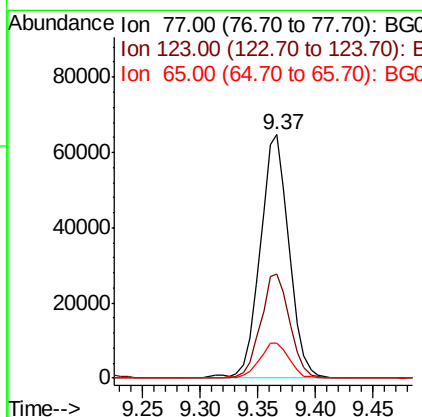
Manual Integrations
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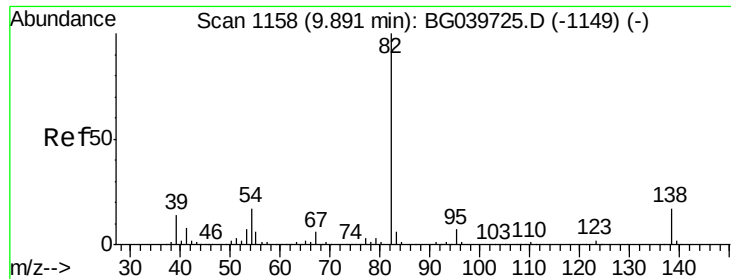
Sohil
3/20/2019 4:59:17 PM



#24
Nitrobenzene
Concen: 32.715 ng
RT: 9.37 min Scan# 1069
Delta R.T. -0.02 min
Lab File: BG040011.D
Acq: 19 Mar 2019 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	112202		
123	42.8	34.1	51.1	
65	14.6	12.3	18.5	





#25

Isophorone

Concen: 31.550 ng

RT: 9.88 min Scan# 1156

Delta R.T. -0.02 min

Lab File: BG040011.D

Acq: 19 Mar 2019 20:38

Instrument :

BNA_G

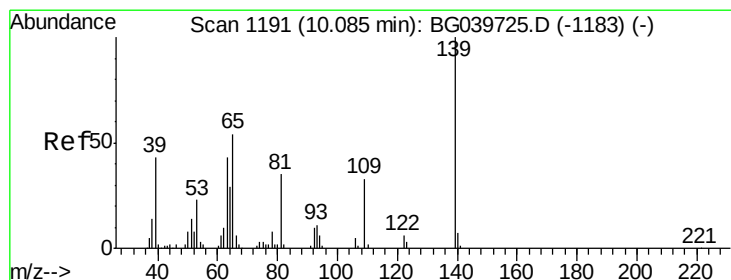
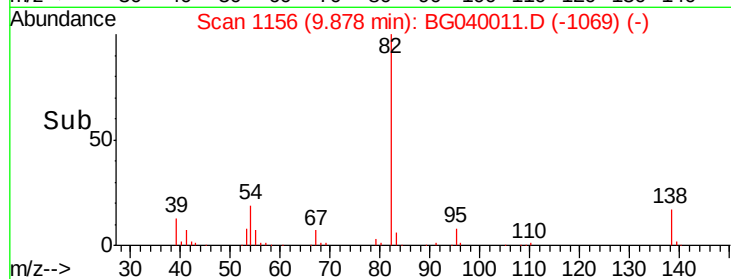
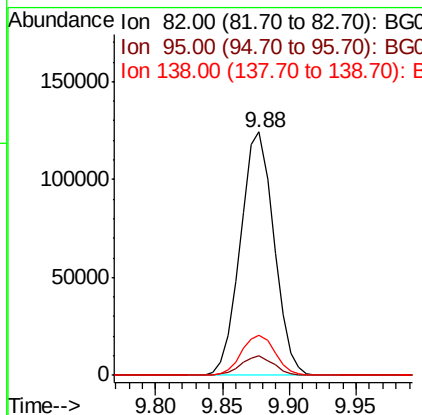
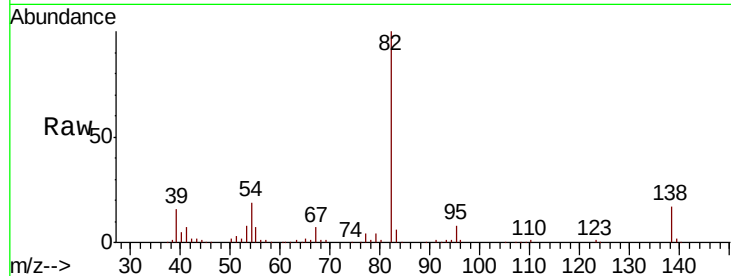
ClientSampled :

TP-3MSD

Tot Ion:	82	Resp:	216124
Ion Ratio	Lower	Upper	
82	100		
95	8.0	6.2	9.2
138	16.7	13.0	19.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 32.425 ng

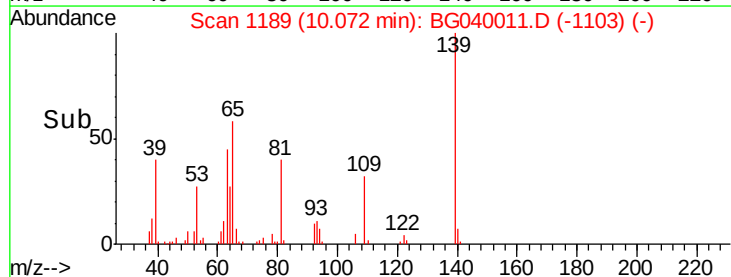
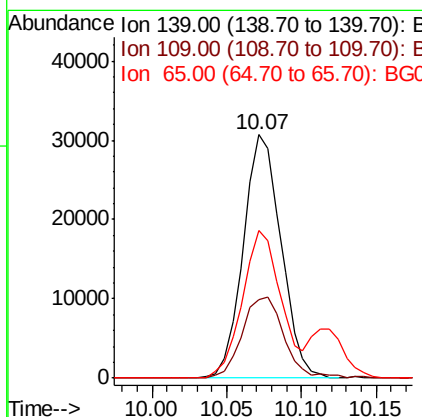
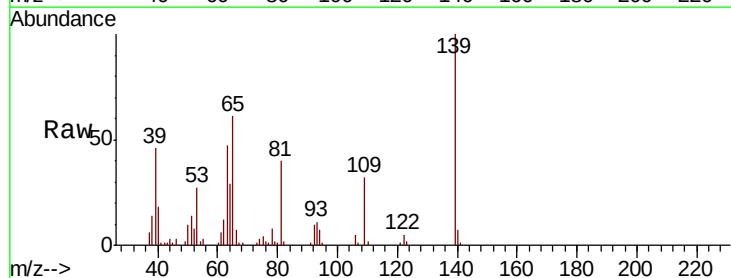
RT: 10.07 min Scan# 1189

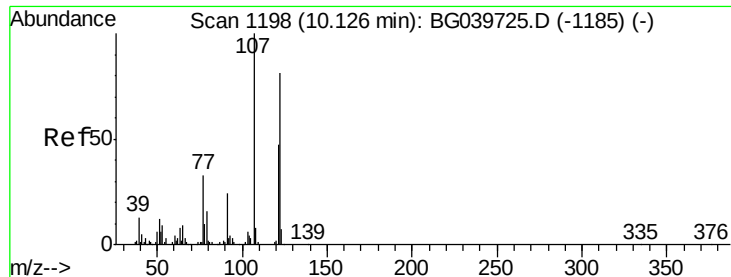
Delta R.T. -0.03 min

Lab File: BG040011.D

Acq: 19 Mar 2019 20:38

Tgt Ion:	139	Resp:	53694
Ion Ratio	Lower	Upper	
139	100		
109	32.2	23.4	35.0
65	60.7	44.3	66.5





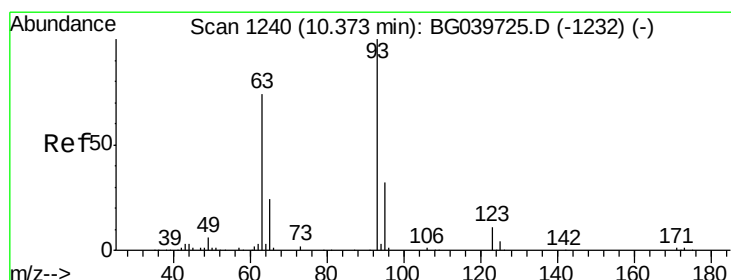
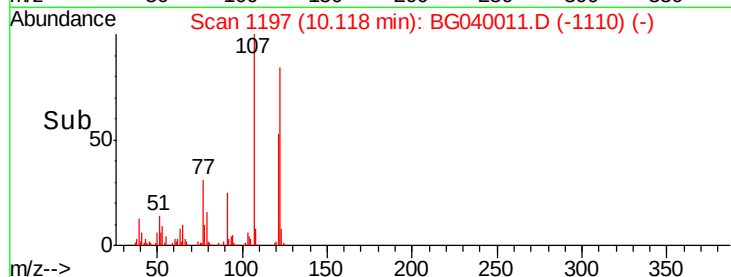
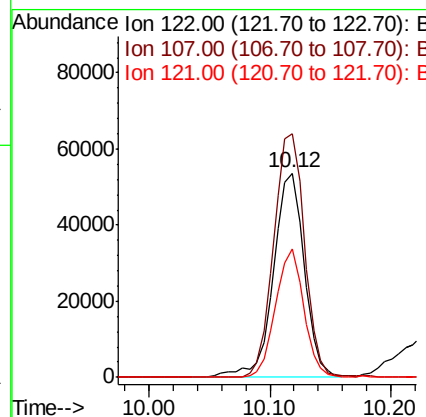
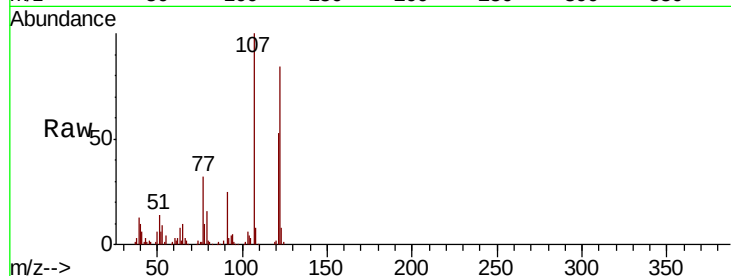
#27
2,4-Dimethylphenol
Concen: 36.674 ng
RT: 10.12 min Scan# 1197
Delta R.T. -0.02 min
Lab File: BG040011.D
Acq: 19 Mar 2019 20:38

Instrument :
BNA_G
ClientSampleId :
TP-3MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	119.2	91.7	137.5
121	63.1	46.4	69.6

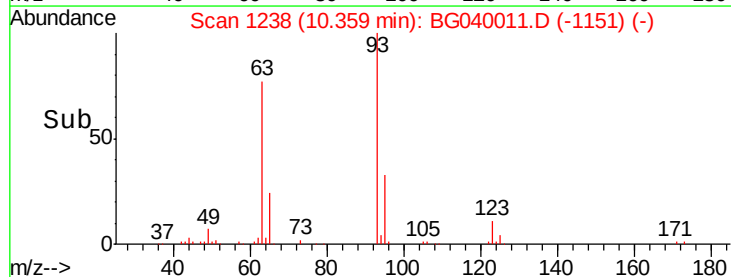
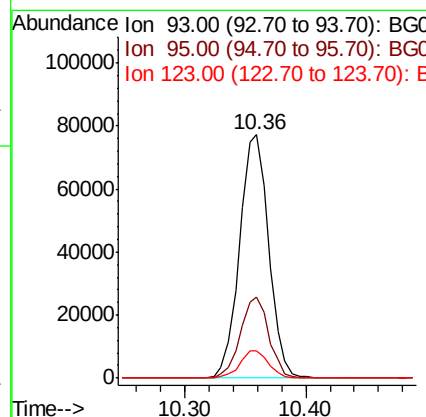
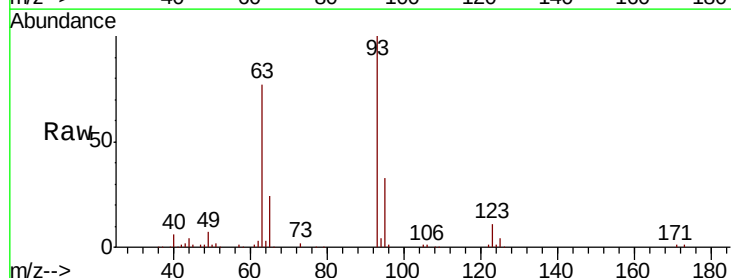
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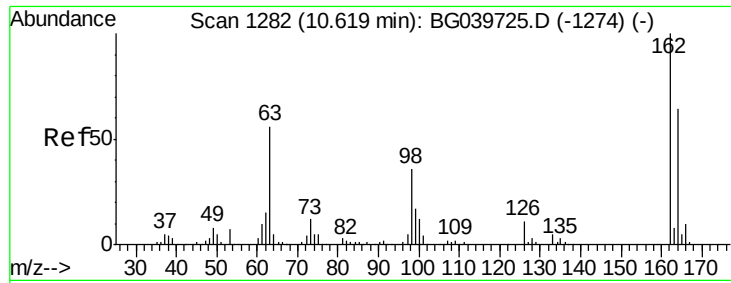
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 31.219 ng
RT: 10.36 min Scan# 1238
Delta R.T. -0.02 min
Lab File: BG040011.D
Acq: 19 Mar 2019 20:38

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	25.0	37.4
123	11.0	8.6	12.8





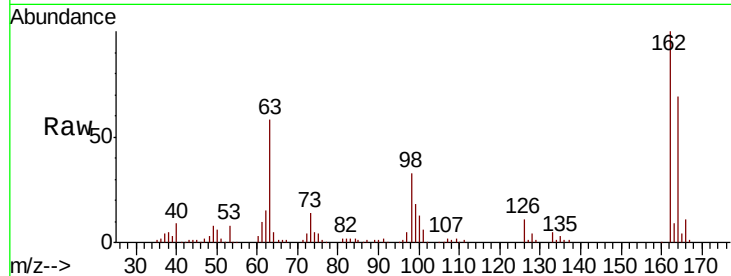
#29
2,4-Dichlorophenol
Concen: 34.951 ng
RT: 10.61 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BG040011.D
Acq: 19 Mar 2019 20:38

Instrument :
BNA_G
ClientSampled :
TP-3MSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	68.7	48.1	88.1
98	33.0	18.1	58.1

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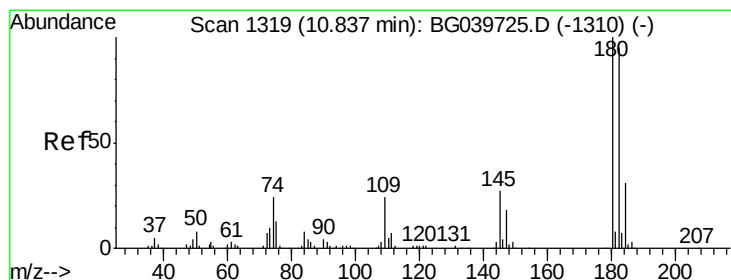
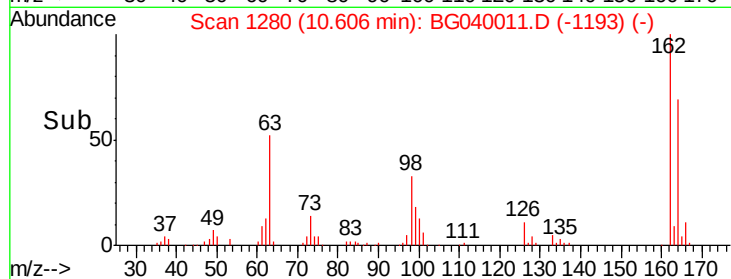
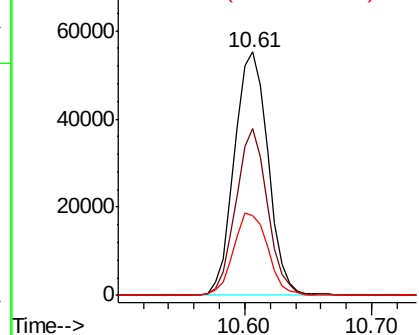


Abundance

Ion 162.00 (161.70 to 162.70): E

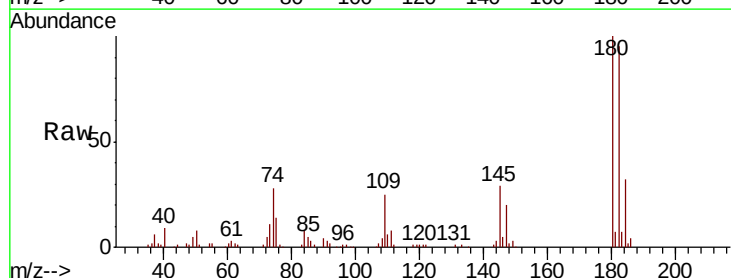
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
1,2,4-Trichlorobenzene
Concen: 31.322 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.03 min
Lab File: BG040011.D
Acq: 19 Mar 2019 20:38

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.9	76.0	114.0
145	28.5	22.7	34.1

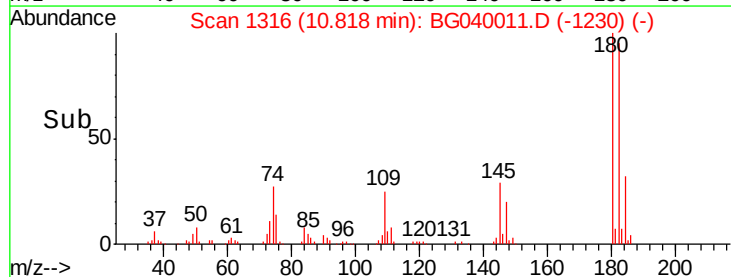
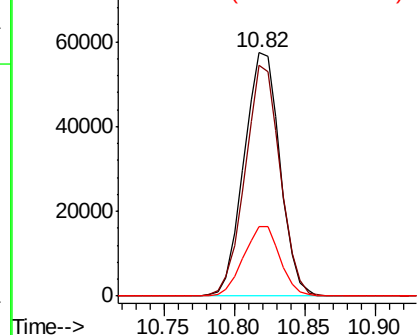


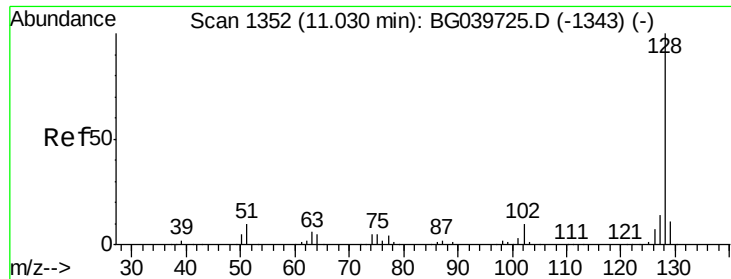
Abundance

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





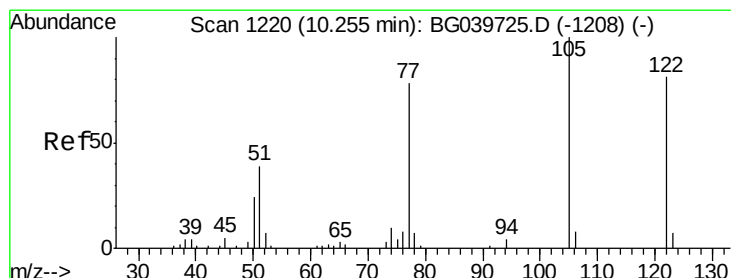
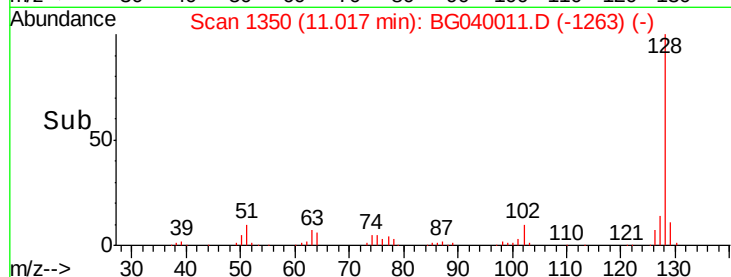
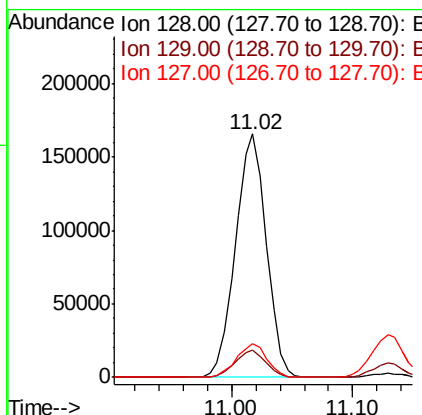
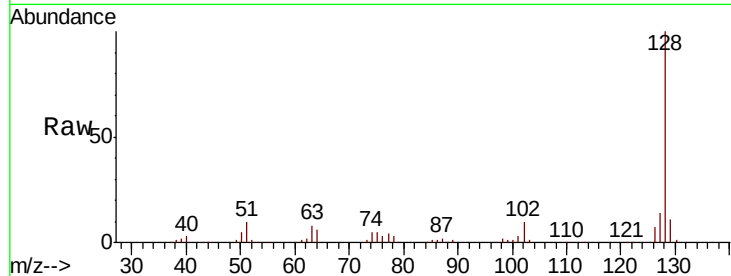
#31
Naphthalene
Concen: 31.446 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BG040011.D
Acq: 19 Mar 2019 20:38

Instrument :
BNA_G
ClientSampleId :
TP-3MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.7	13.1
127	13.8	10.8	16.2

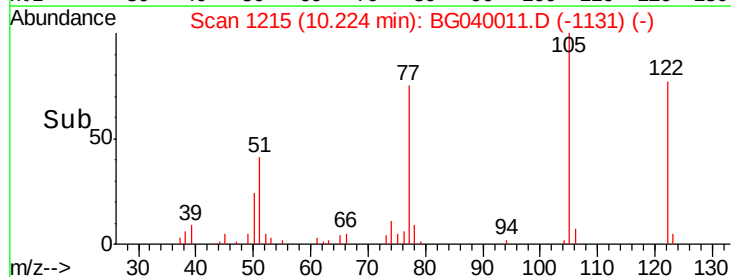
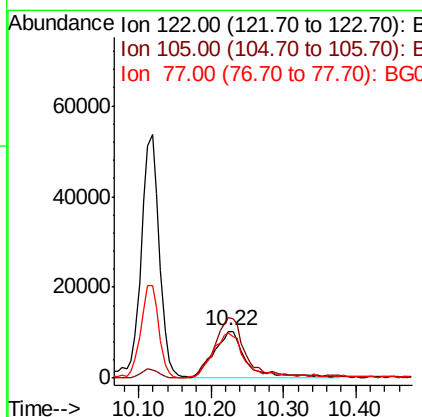
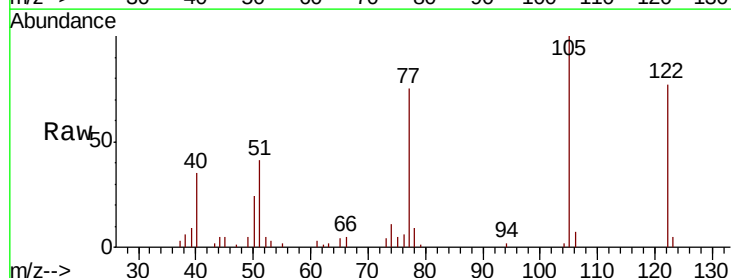
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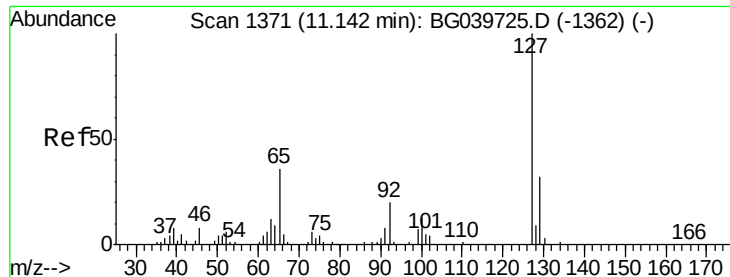
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#32
Benzoic acid
Concen: 22.567 ng m
RT: 10.22 min Scan# 1215
Delta R.T. -0.04 min
Lab File: BG040011.D
Acq: 19 Mar 2019 20:38

Tgt Ion	Ratio	Lower	Upper
122	100		
105	130.6	101.8	141.8
77	97.8	76.3	116.3





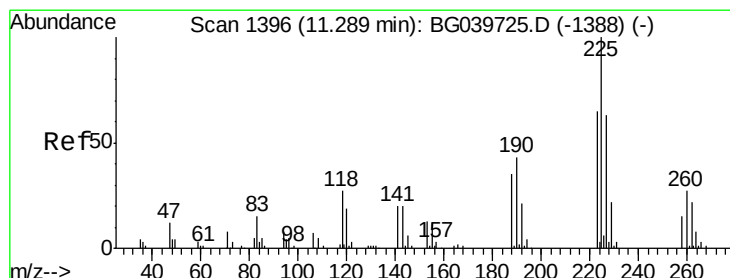
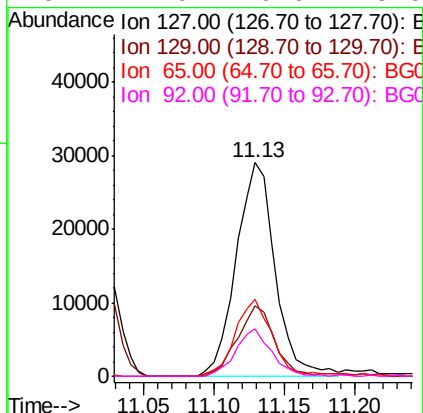
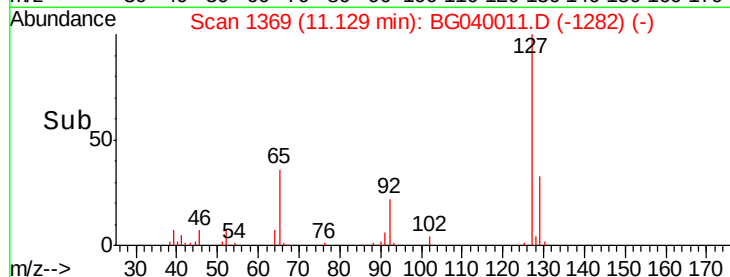
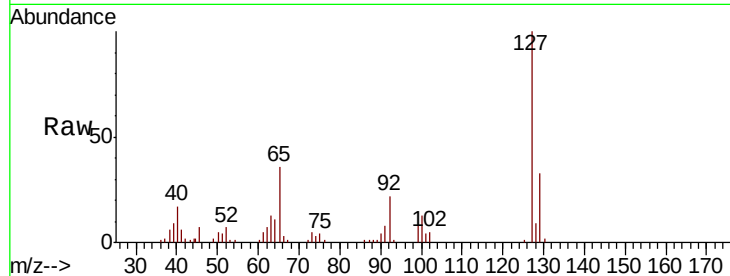
#33
4-Chloroaniline
Concen: 14.069 ng
RT: 11.13 min Scan# 1369
Delta R.T. -0.02 min
Lab File: BG040011.D
Acq: 19 Mar 2019 20:38

Instrument :
BNA_G
ClientSampleId :
TP-3MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.9	27.0	40.4
65	36.0	28.8	43.2
92	22.0	16.6	25.0

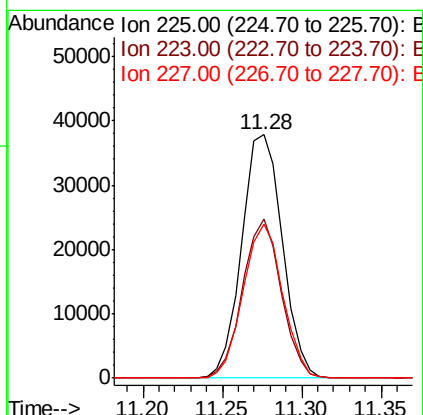
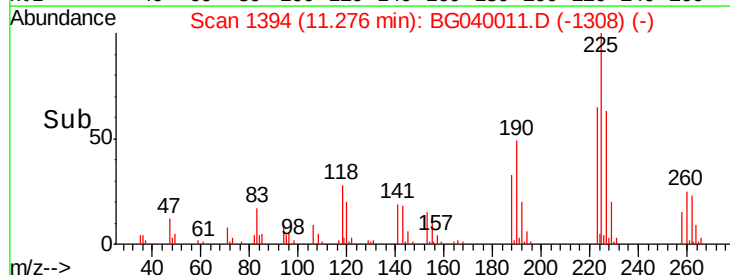
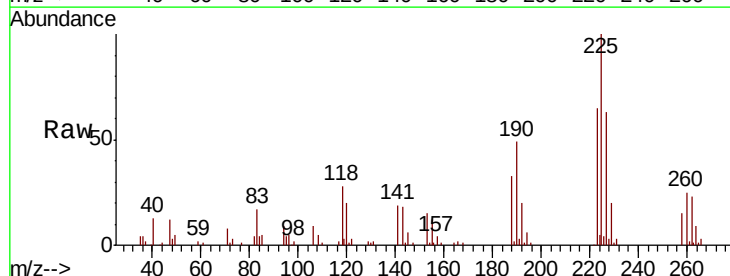
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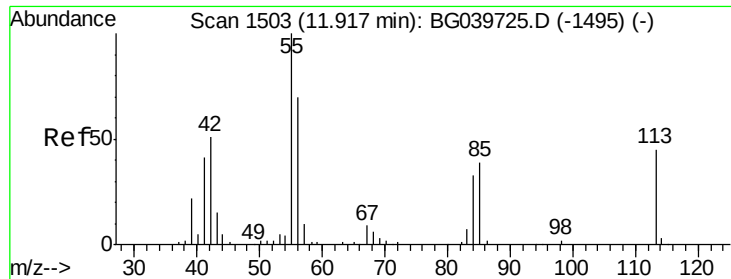
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#34
Hexachlorobutadiene
Concen: 30.237 ng
RT: 11.28 min Scan# 1394
Delta R.T. -0.03 min
Lab File: BG040011.D
Acq: 19 Mar 2019 20:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.3	49.0	73.6
227	63.0	46.3	69.5





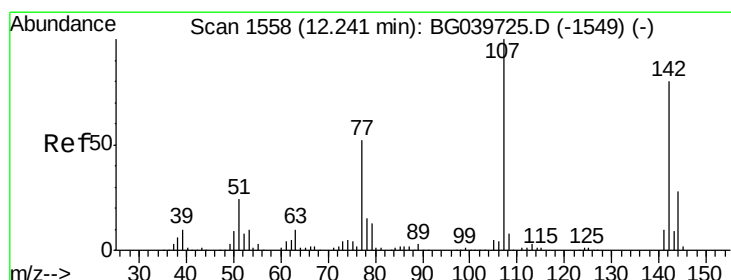
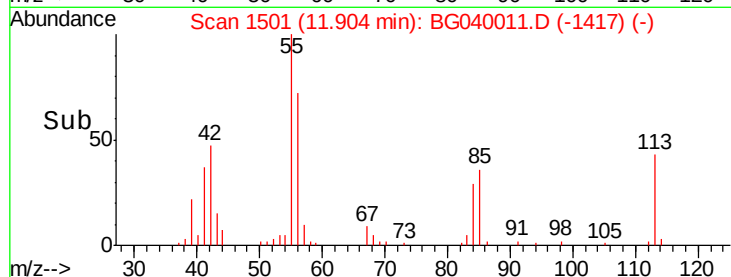
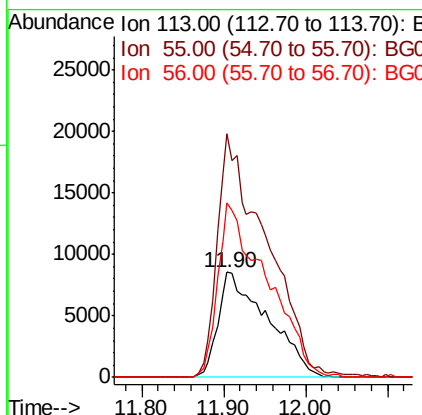
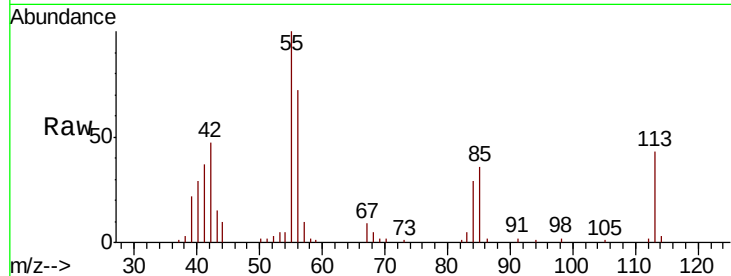
#35
 Caprolactam
 Concen: 32.251 ng
 RT: 11.90 min Scan# 1501
 Delta R.T. -0.04 min
 Lab File: BG040011.D
 Acq: 19 Mar 2019 20:38

Instrument :
 BNA_G
 ClientSampled :
 TP-3MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	232.4	216.9	256.9
56	166.3	152.6	192.6

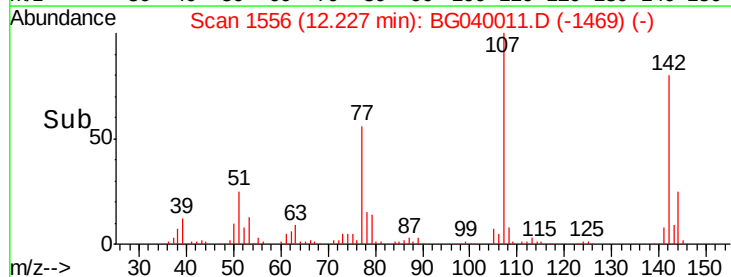
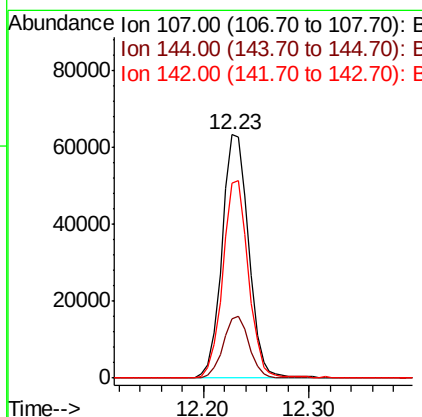
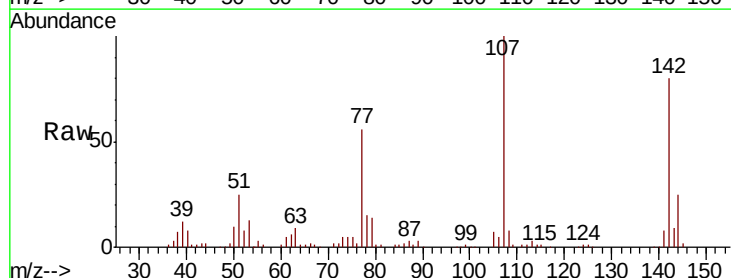
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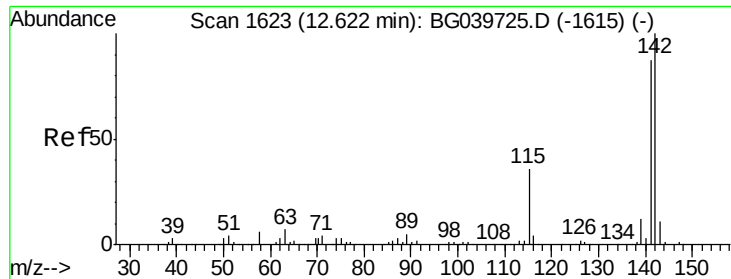
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#36
 4-Chloro-3-methylphenol
 Concen: 33.283 ng
 RT: 12.23 min Scan# 1556
 Delta R.T. -0.02 min
 Lab File: BG040011.D
 Acq: 19 Mar 2019 20:38

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.6	20.2	30.2
142	80.0	61.4	92.2





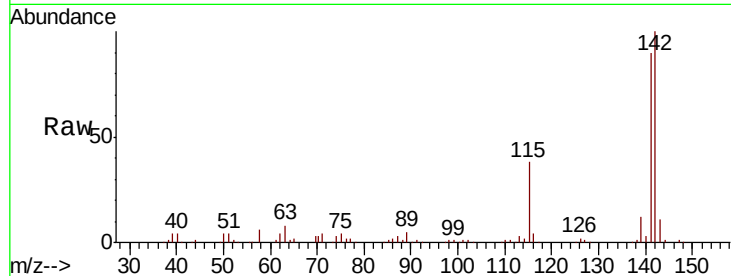
#37
2-Methylnaphthalene
Concen: 31.688 ng
RT: 12.61 min Scan# 1621
Delta R.T. -0.02 min
Lab File: BG040011.D
Acq: 19 Mar 2019 20:38

Instrument :
BNA_G
ClientSampleId :
TP-3MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	73.5	110.3
115	37.9	30.8	46.2

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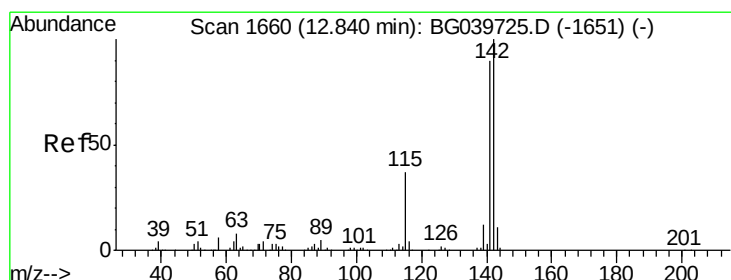
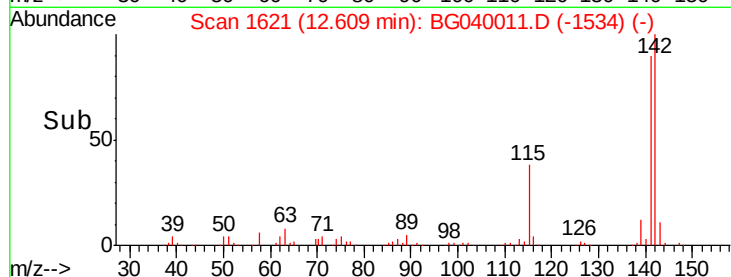
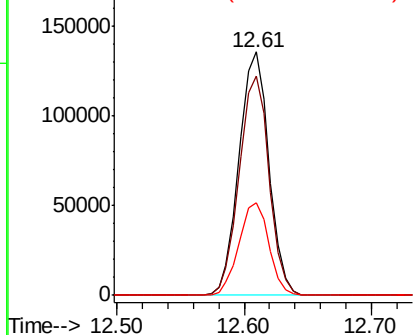


Abundance

Ion 142.00 (141.70 to 142.70): E

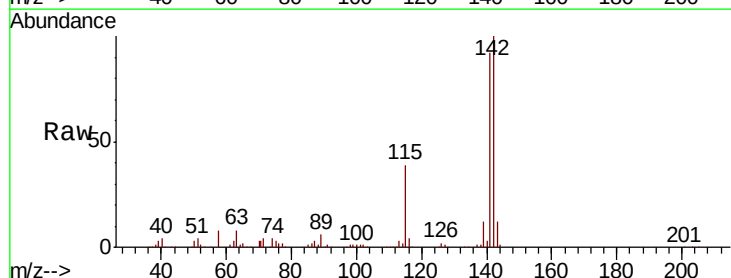
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 31.155 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.02 min
Lab File: BG040011.D
Acq: 19 Mar 2019 20:38

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	74.2	111.4
116	4.0	3.0	4.6

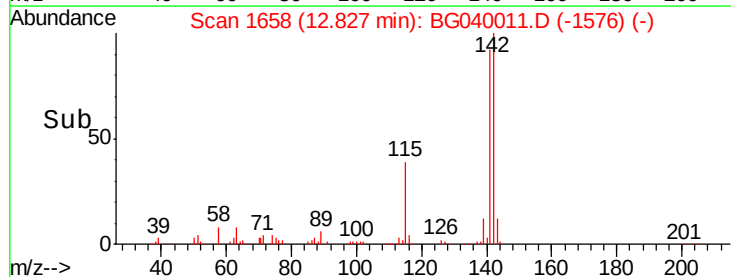
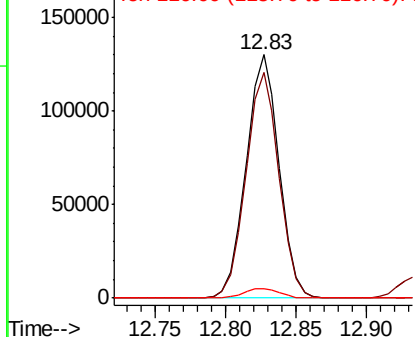


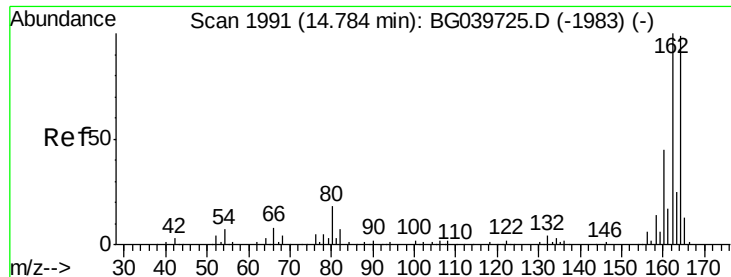
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BG040011.D

Acq: 19 Mar 2019 20:38

Instrument :

BNA_G

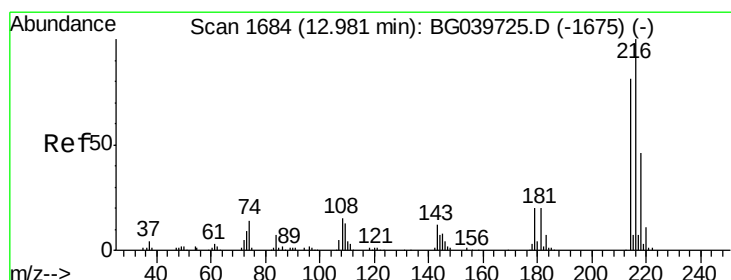
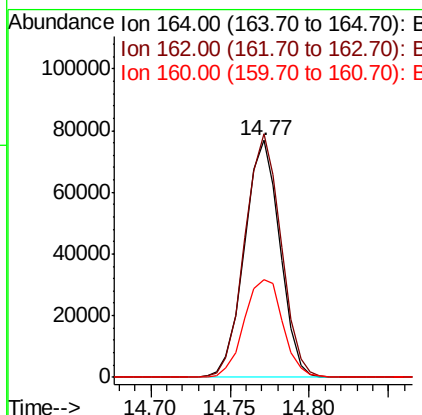
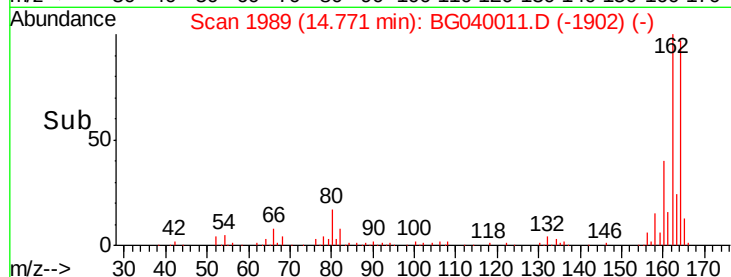
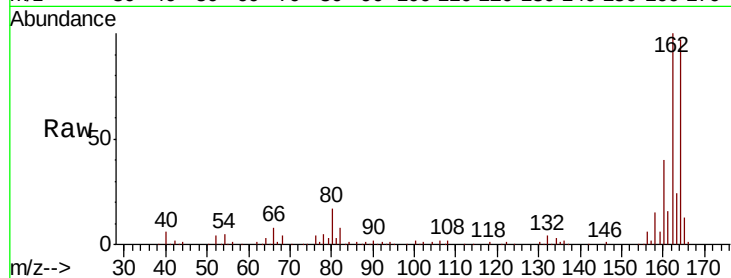
ClientSampled :

TP-3MSD

Tot Ion:	164	Resp:	118883
Ion Ratio	Lower	Upper	
164	100		
162	102.8	81.6	122.4
160	41.5	34.2	51.2

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 30.432 ng

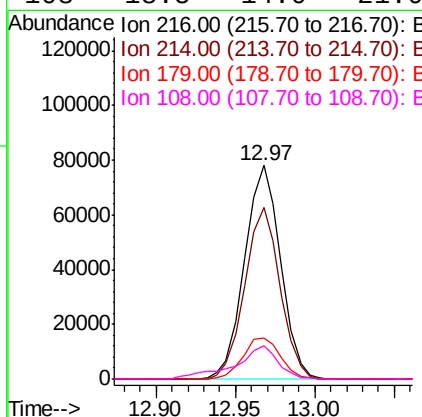
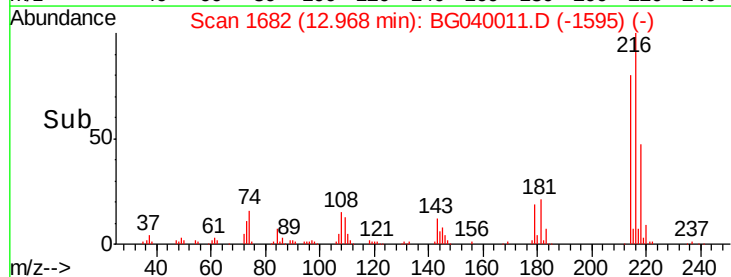
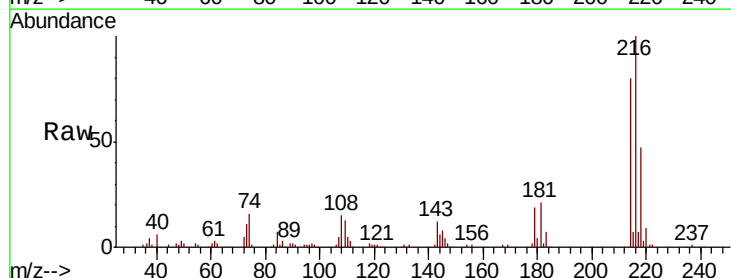
RT: 12.97 min Scan# 1682

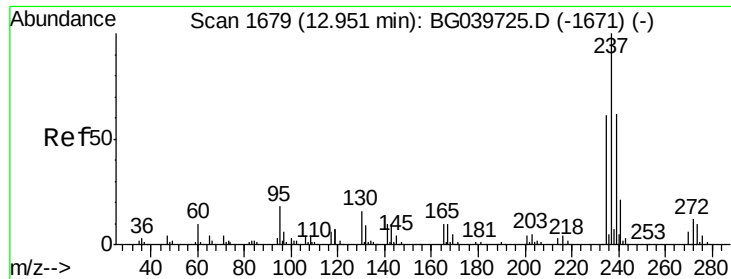
Delta R.T. -0.02 min

Lab File: BG040011.D

Acq: 19 Mar 2019 20:38

Tgt Ion:	216	Resp:	122562
Ion Ratio	Lower	Upper	
216	100		
214	78.9	62.6	94.0
179	20.0	16.6	25.0
108	18.5	14.0	21.0





#41

Hexachlorocyclopentadiene

Concen: 74.617 ng

RT: 12.93 min Scan# 1676

Delta R.T. -0.03 min

Lab File: BG040011.D

Acq: 19 Mar 2019 20:38

Instrument :

BNA_G

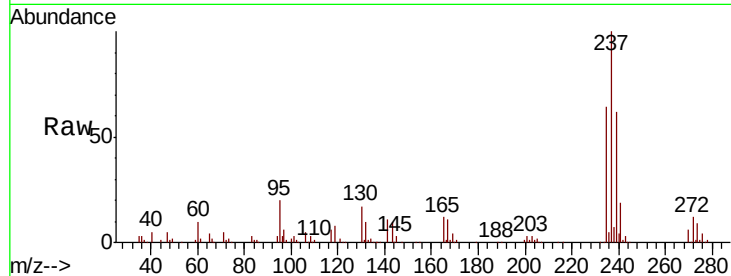
ClientSampled :

TP-3MSD

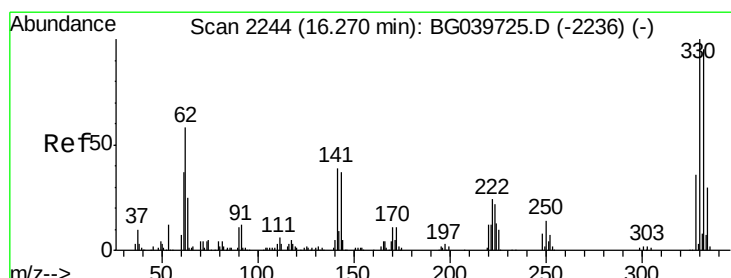
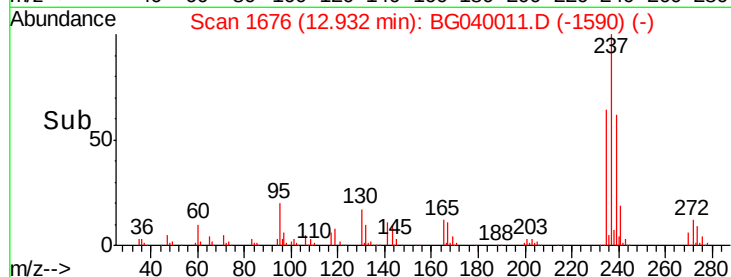
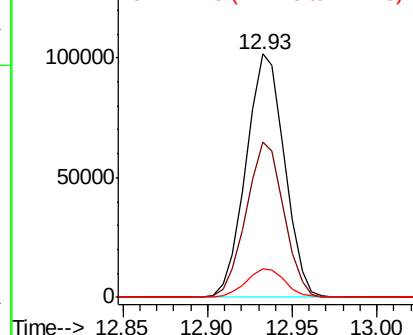
Tot Ion:	237	Resp:	161048
Ion Ratio	Lower	Upper	
237	100		
235	63.6	43.3	83.3
272	11.6	0.0	32.3

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



#42

2,4,6-Tribromophenol

Concen: 144.561 ng

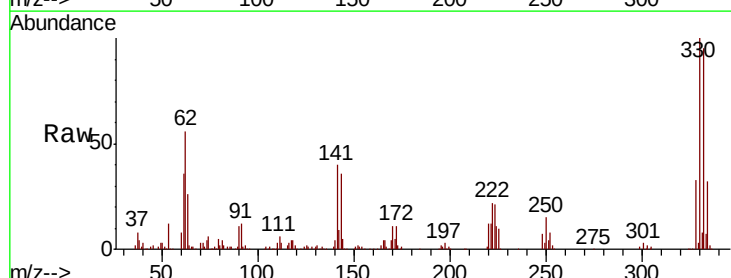
RT: 16.26 min Scan# 2243

Delta R.T. -0.01 min

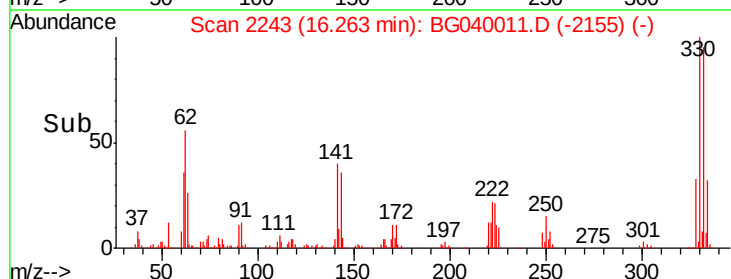
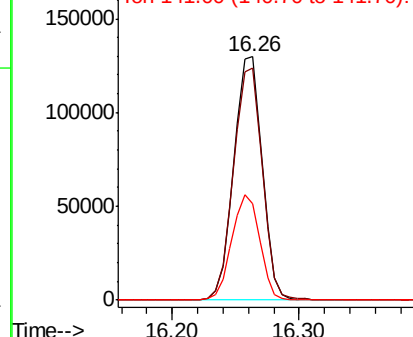
Lab File: BG040011.D

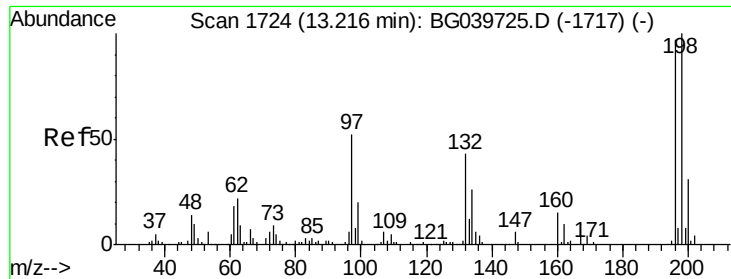
Acq: 19 Mar 2019 20:38

Tgt Ion:	330	Resp:	200314
Ion Ratio	Lower	Upper	
330	100		
332	96.7	75.7	113.5
141	43.0	35.6	53.4



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





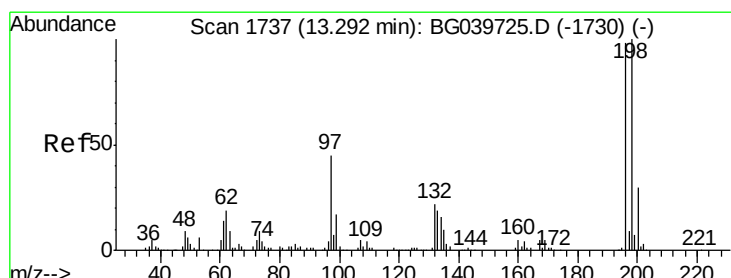
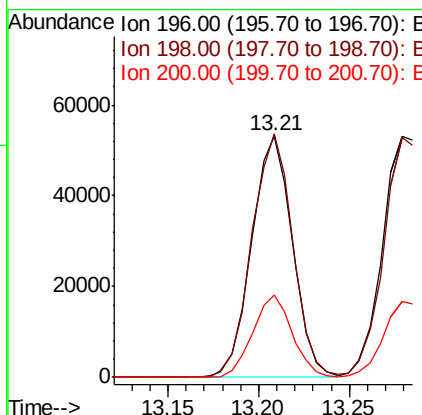
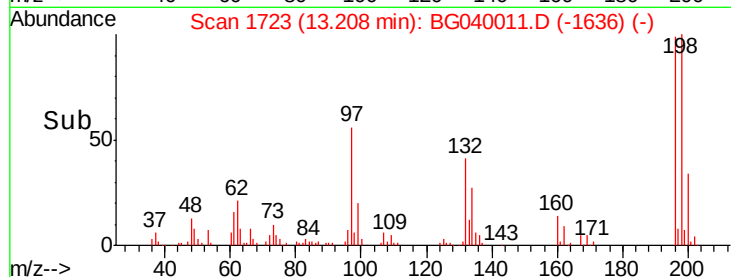
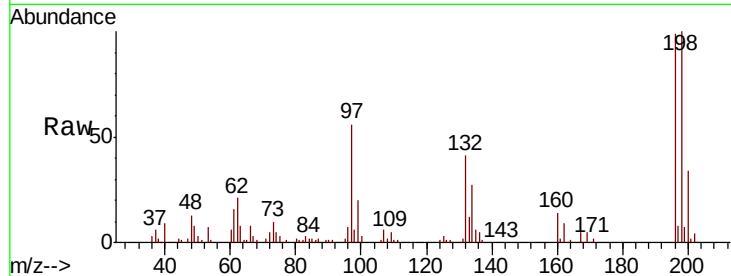
#43
 2,4,6-Trichlorophenol
 Concen: 35.312 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.02 min
 Lab File: BG040011.D
 Acq: 19 Mar 2019 20:38

Instrument :
 BNA_G
 ClientSampleId :
 TP-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	83262		
198	100.8	80.6	121.0	
200	33.9	26.1	39.1	

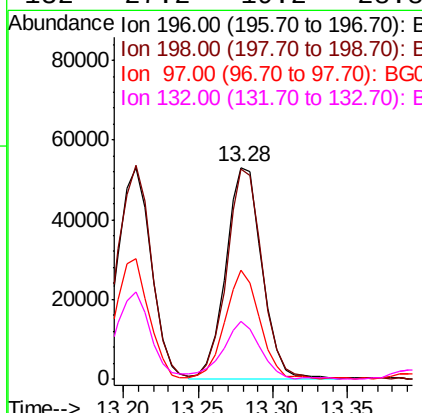
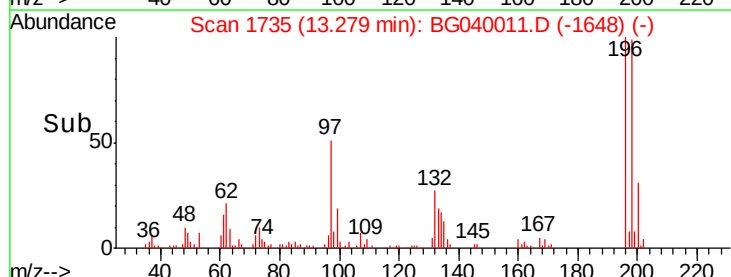
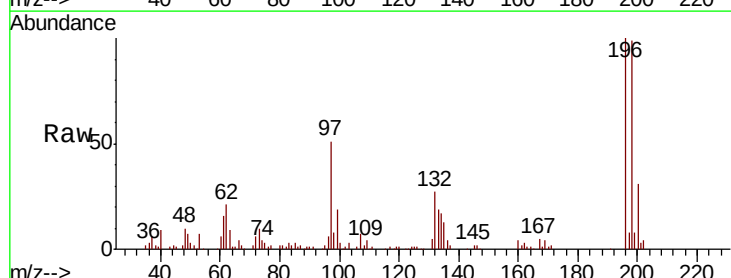
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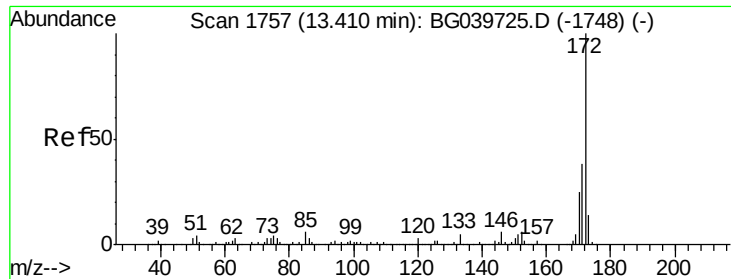
Sohil
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#44
 2,4,5-Trichlorophenol
 Concen: 33.675 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.02 min
 Lab File: BG040011.D
 Acq: 19 Mar 2019 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	89500		
198	99.3	78.5	117.7	
97	51.4	38.4	57.6	
132	27.2	19.2	28.8	





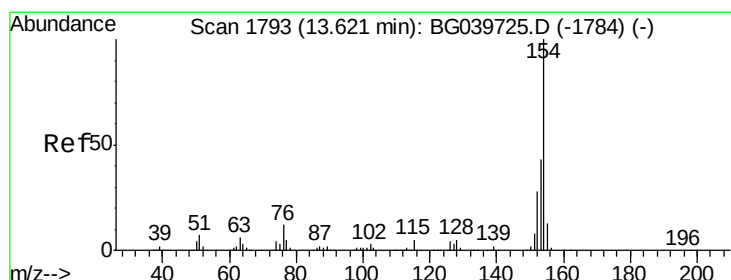
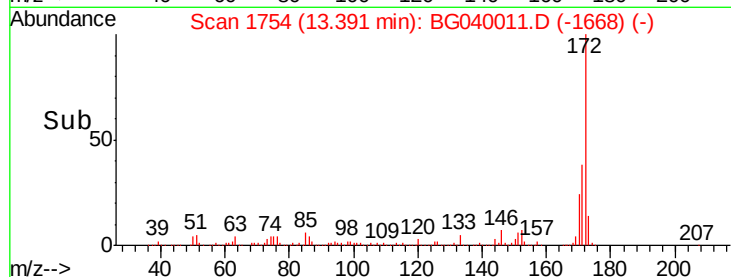
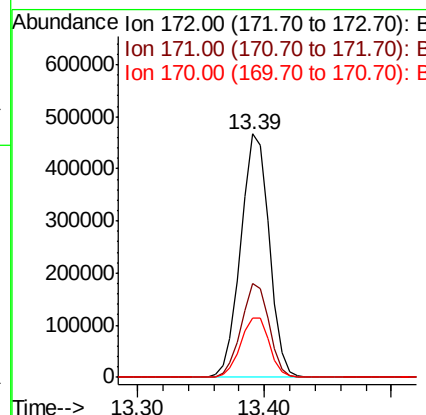
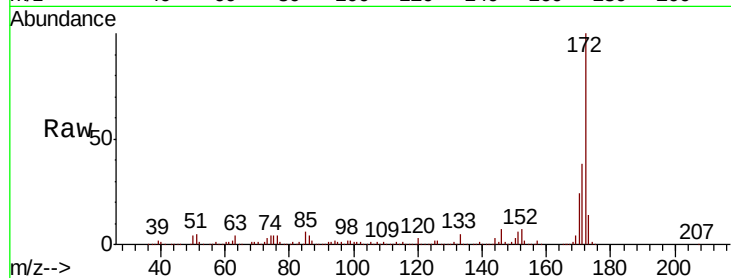
#45
2-Fluorobiphenyl
Concen: 86.478 ng
RT: 13.39 min Scan# 1754
Delta R.T. -0.03 min
Lab File: BG040011.D
Acq: 19 Mar 2019 20:38

Instrument :
BNA_G
ClientSampleId :
TP-3MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.8	46.2
170	24.5	20.2	30.4

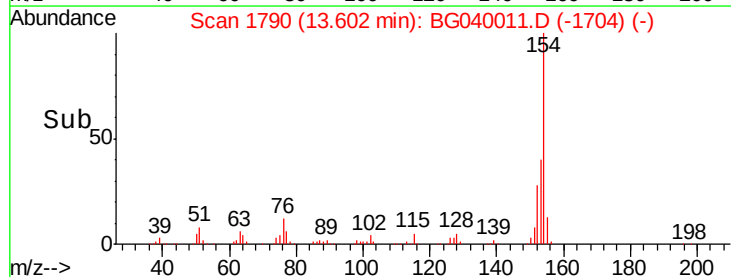
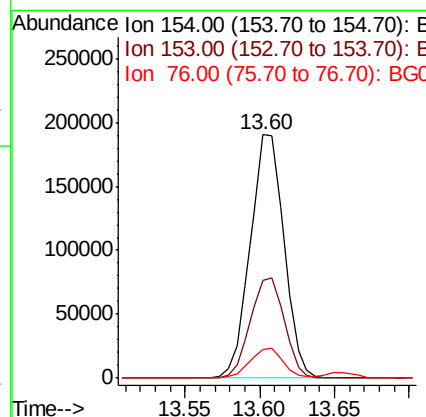
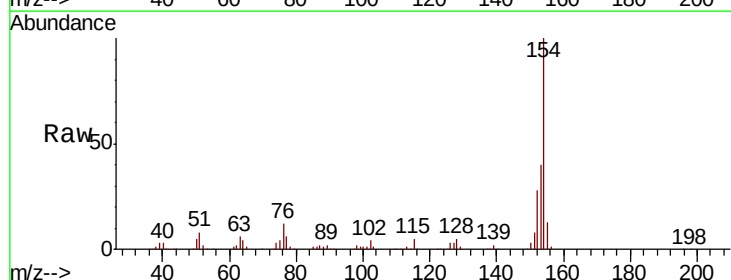
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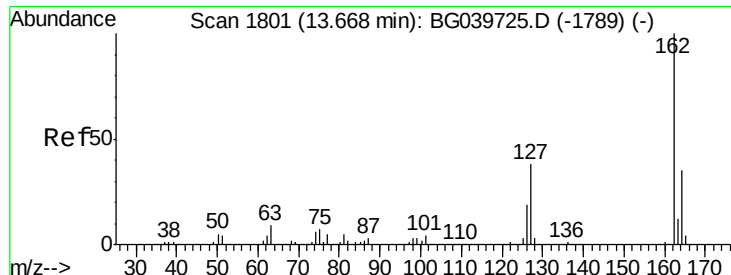
Sohil
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#46
1,1'-Biphenyl
Concen: 30.365 ng
RT: 13.60 min Scan# 1790
Delta R.T. -0.03 min
Lab File: BG040011.D
Acq: 19 Mar 2019 20:38

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	22.1	62.1
76	12.0	0.0	32.4





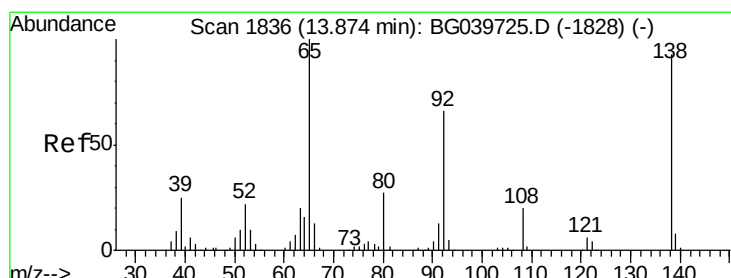
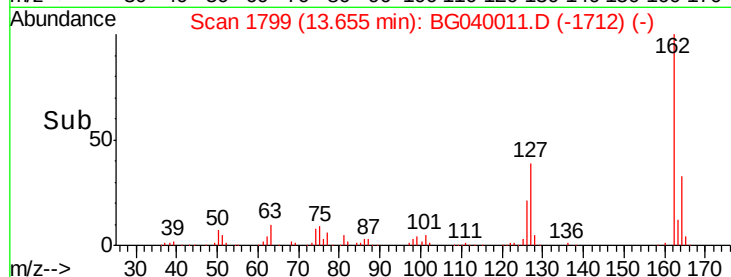
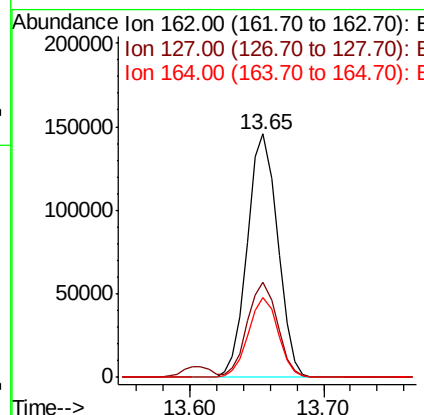
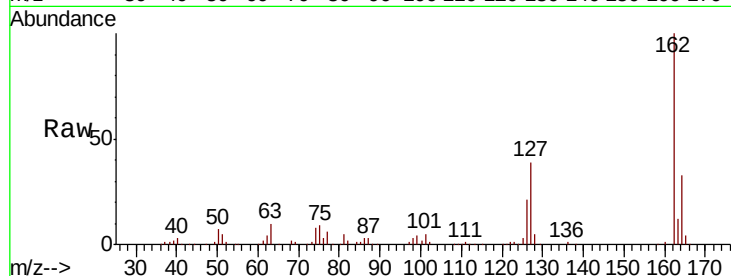
#47
 2-Chloronaphthalene
 Concen: 31.014 ng
 RT: 13.65 min Scan# 1799
 Delta R.T. -0.02 min
 Lab File: BG040011.D
 Acq: 19 Mar 2019 20:38

Instrument :
 BNA_G
 ClientSampleId :
 TP-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	228135		
127	39.1		31.0	46.6
164	32.7		25.7	38.5

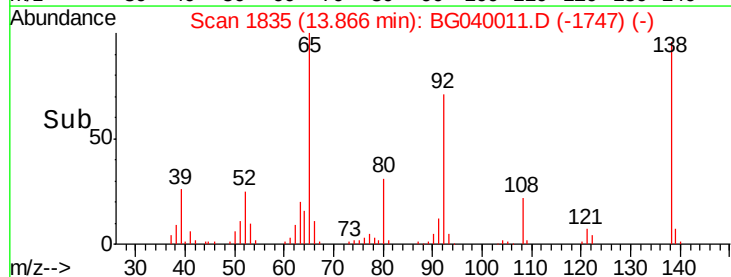
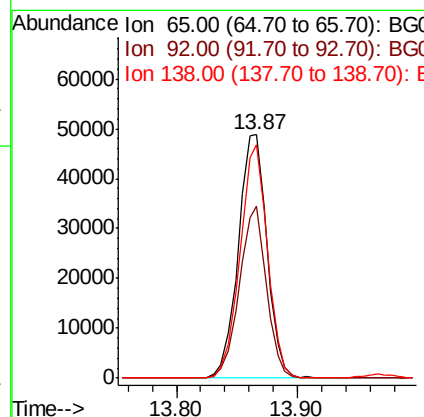
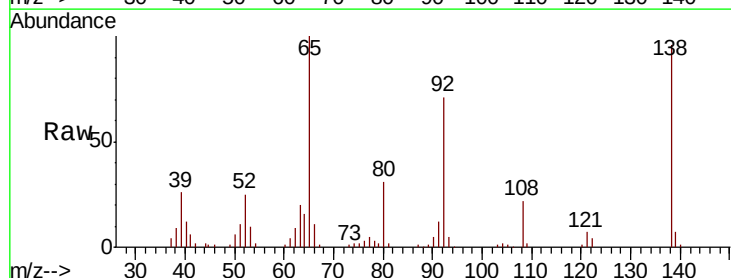
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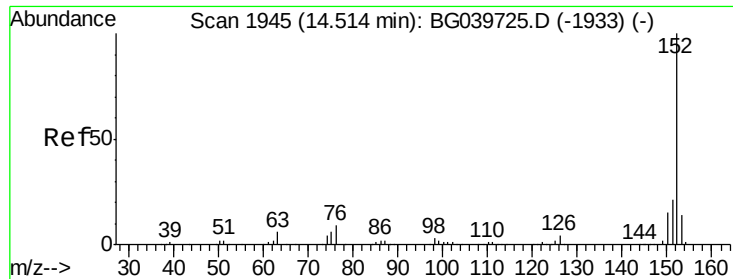
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#48
 2-Nitroaniline
 Concen: 34.154 ng
 RT: 13.87 min Scan# 1835
 Delta R.T. -0.01 min
 Lab File: BG040011.D
 Acq: 19 Mar 2019 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	80739		
92	70.9		51.4	77.2
138	95.7		71.4	107.2





#49

Acenaphthylene

Concen: 30.808 ng

RT: 14.49 min Scan# 1942

Delta R.T. -0.03 min

Lab File: BG040011.D

Acq: 19 Mar 2019 20:38

Instrument :

BNA_G

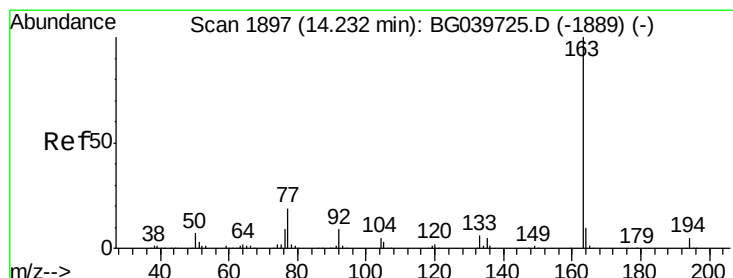
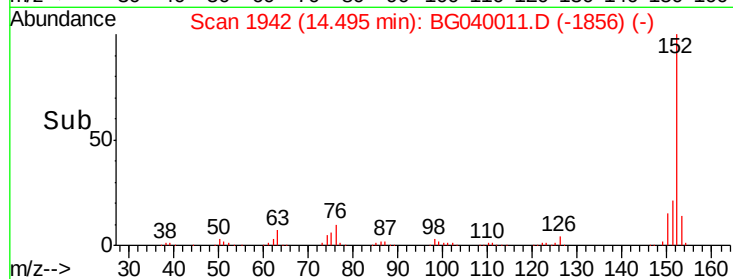
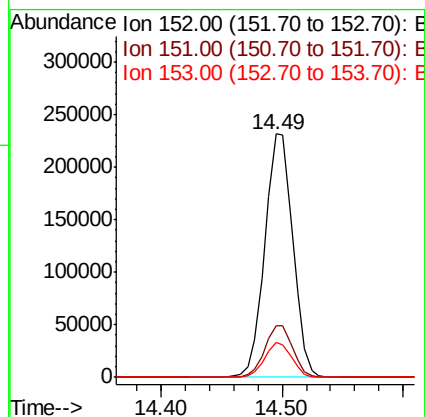
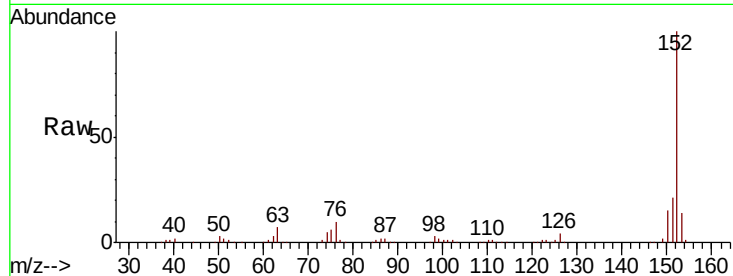
ClientSampleId :

TP-3MSD

Tot Ion:	152	Resp:	372019
Ion Ratio	Lower	Upper	
152	100		
151	21.3	16.8	25.2
153	14.3	11.7	17.5

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#50

Dimethylphthalate

Concen: 36.493 ng

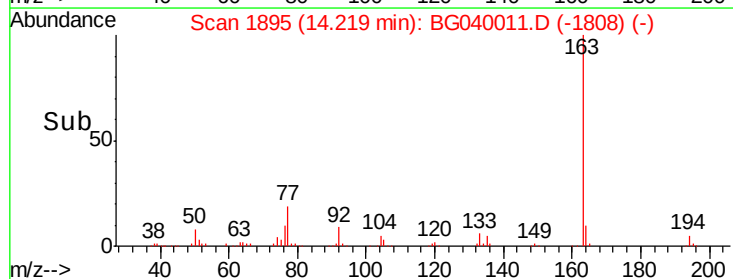
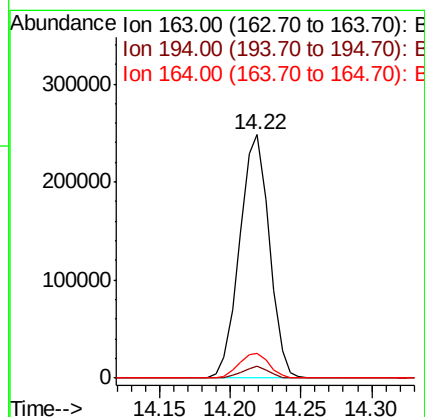
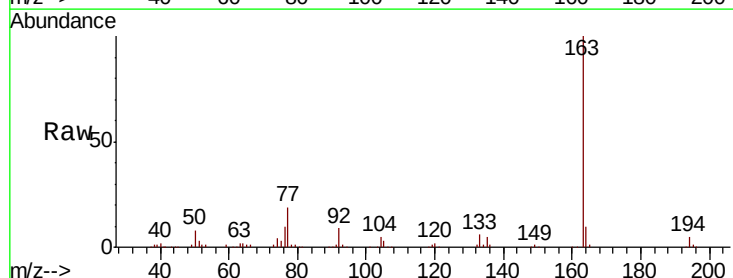
RT: 14.22 min Scan# 1895

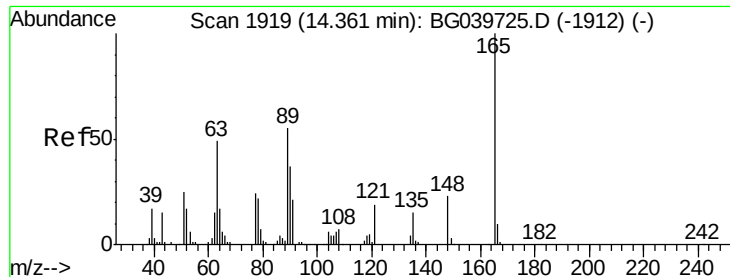
Delta R.T. -0.02 min

Lab File: BG040011.D

Acq: 19 Mar 2019 20:38

Tgt Ion:	163	Resp:	362770
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.6	5.4
164	10.0	8.4	12.6





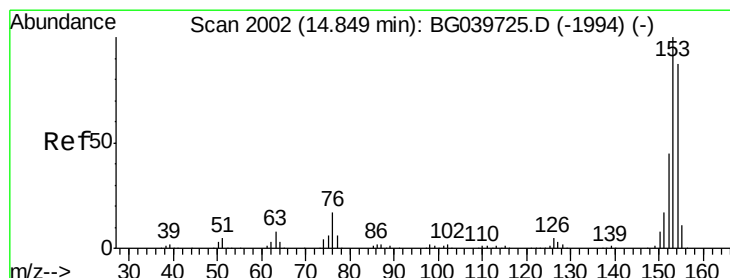
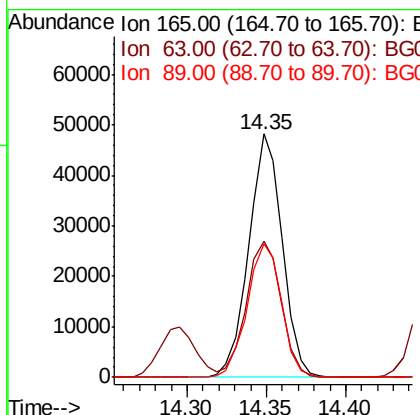
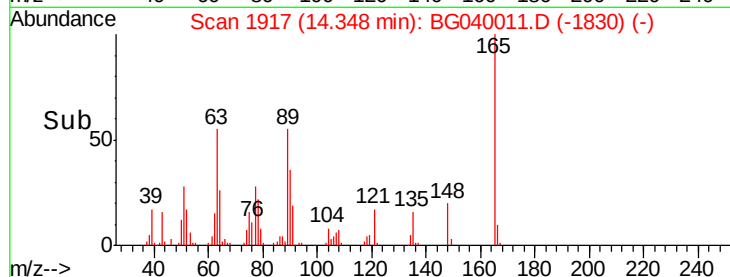
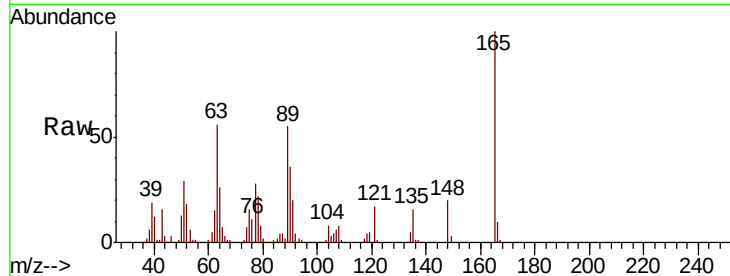
#51
2,6-Dinitrotoluene
Concen: 33.538 ng
RT: 14.35 min Scan# 1917
Delta R.T. -0.02 min
Lab File: BG040011.D
Acq: 19 Mar 2019 20:38

Instrument :
BNA_G
ClientSampled :
TP-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	70679		
63	56.1		47.0	70.6
89	55.1		45.8	68.8

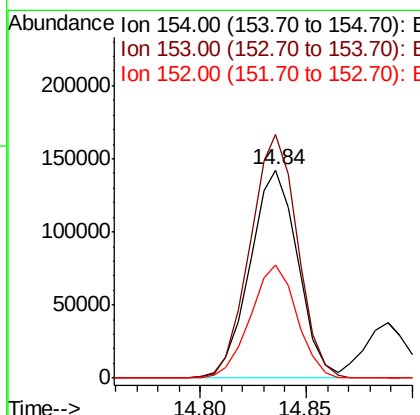
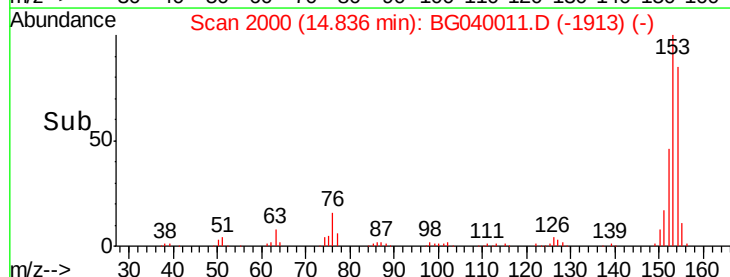
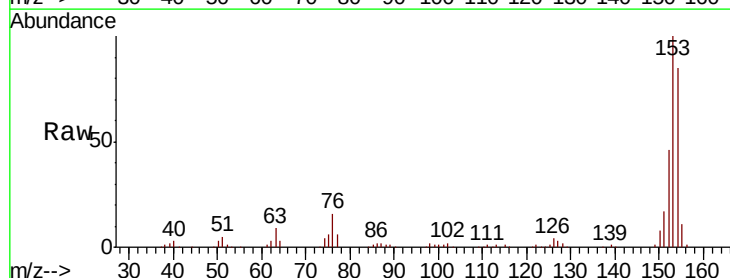
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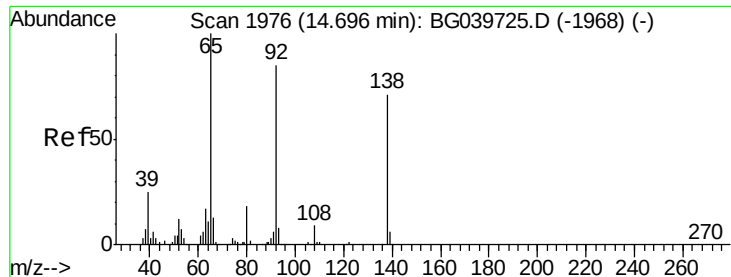
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#52
Acenaphthene
Concen: 30.787 ng
RT: 14.84 min Scan# 2000
Delta R.T. -0.02 min
Lab File: BG040011.D
Acq: 19 Mar 2019 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	223758		
153	117.1		90.1	135.1
152	54.4		40.9	61.3





#53

3-Nitroaniline

Concen: 20.078 ng

RT: 14.68 min Scan# 1974

Delta R.T. -0.02 min

Lab File: BG040011.D

Acq: 19 Mar 2019 20:38

Instrument :

BNA_G

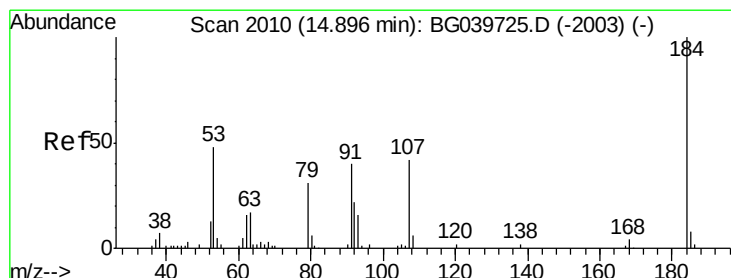
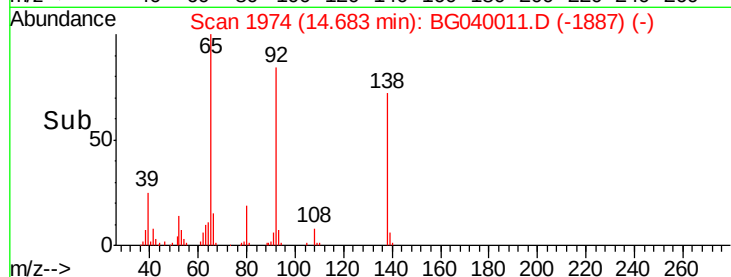
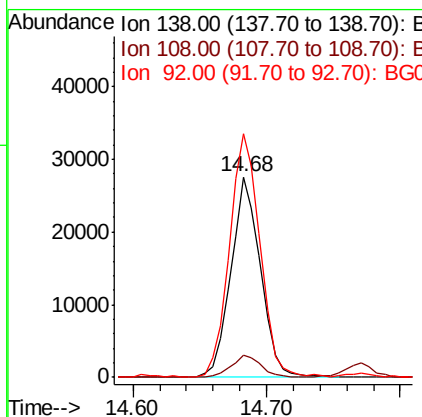
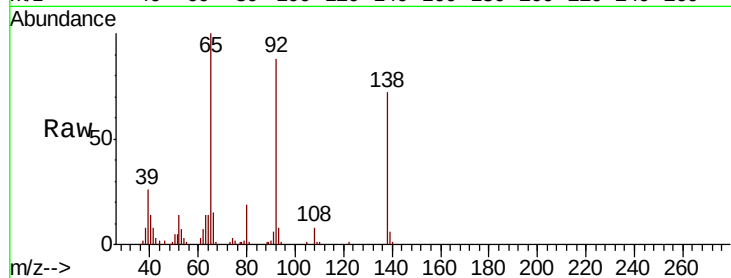
ClientSampleId :

TP-3MSD

Tot Ion:138 Resp: 42533
 Ion Ratio Lower Upper
 138 100
 108 11.1 13.8 20.8#
 92 121.7 103.7 155.5

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#54

2,4-Dinitrophenol

Concen: 65.446 ng

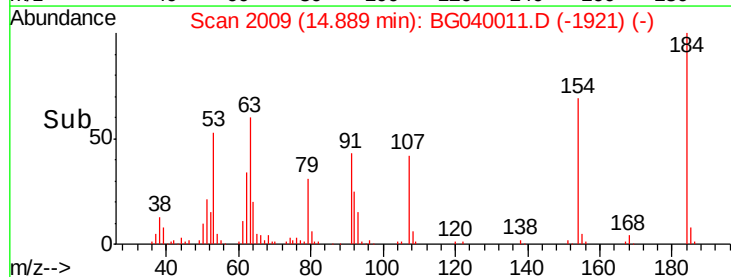
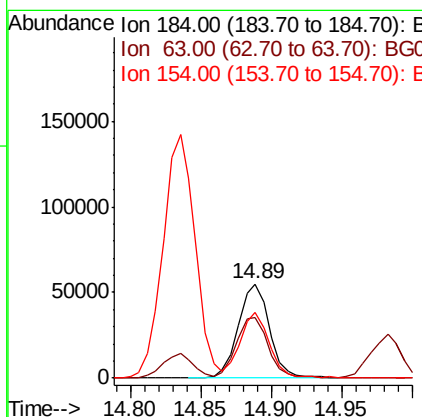
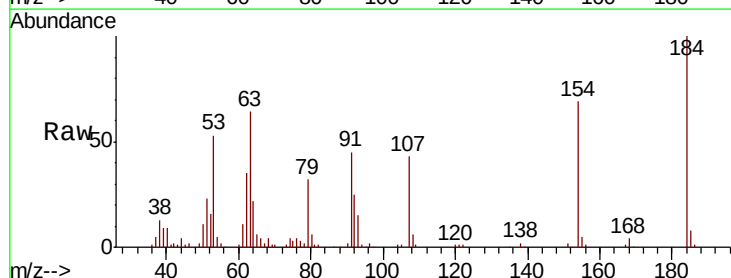
RT: 14.89 min Scan# 2009

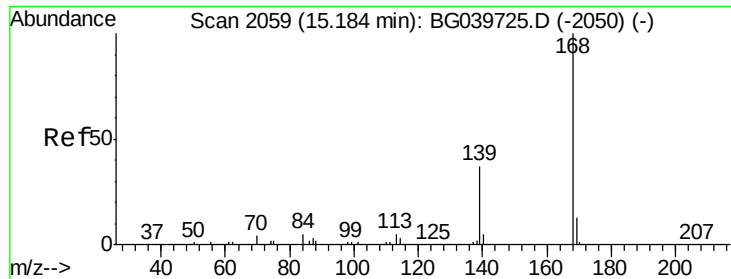
Delta R.T. -0.01 min

Lab File: BG040011.D

Acq: 19 Mar 2019 20:38

Tgt Ion:184 Resp: 85619
 Ion Ratio Lower Upper
 184 100
 63 63.6 50.9 76.3
 154 69.3 53.0 79.6





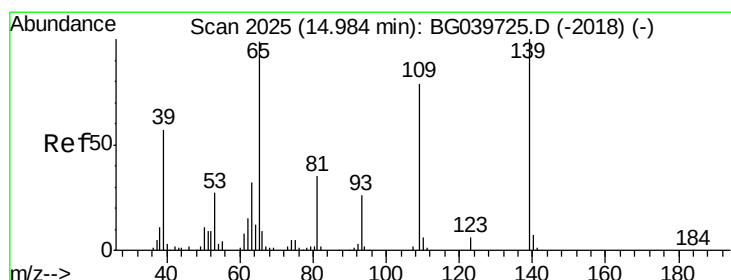
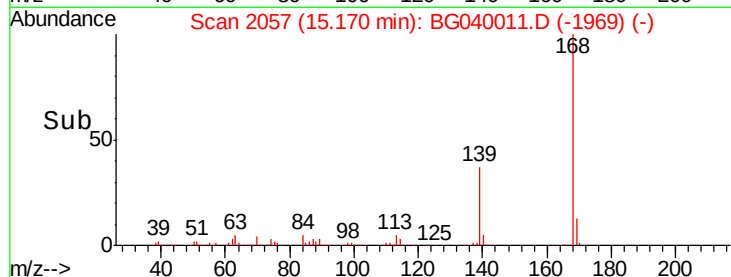
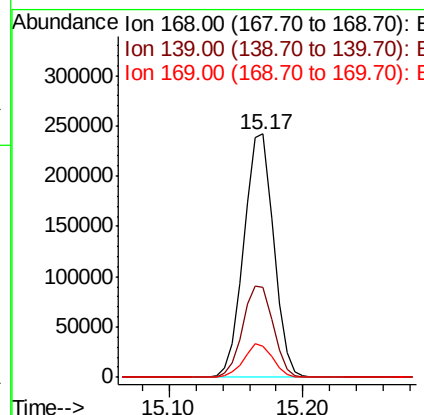
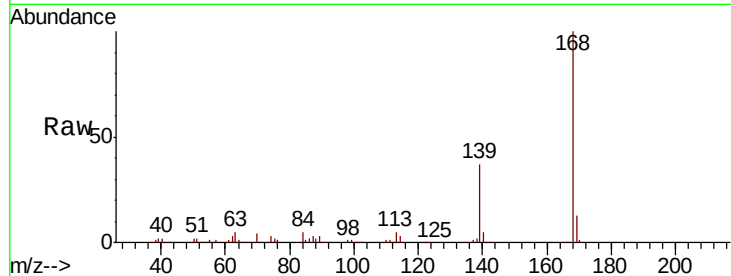
#55
Dibenzenofuran
Concen: 31.207 ng
RT: 15.17 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BG040011.D
Acq: 19 Mar 2019 20:38

Instrument :
BNA_G
ClientSampleId :
TP-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100	372125		
139	37.0		30.1	45.1
169	12.6		10.6	16.0

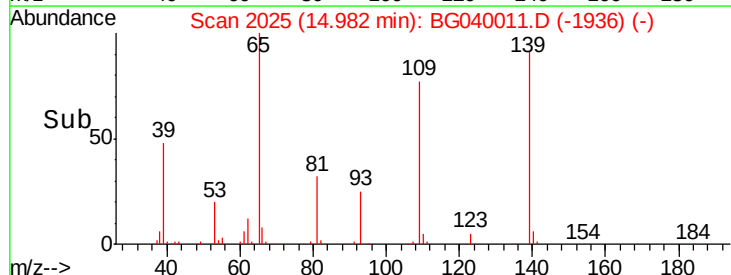
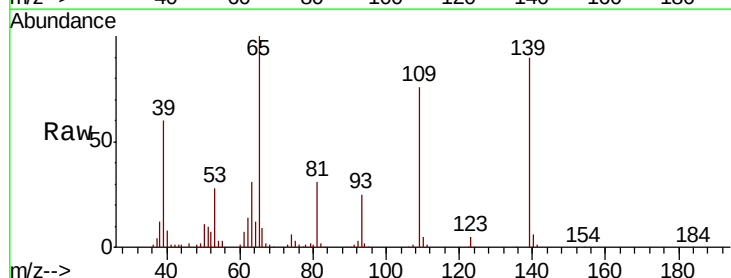
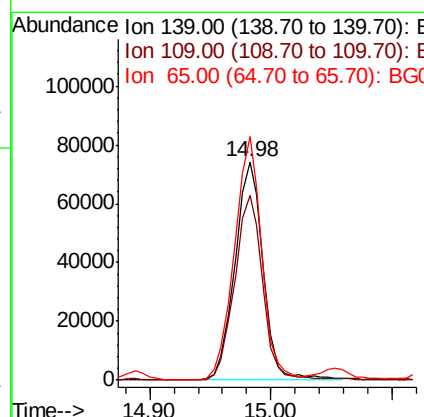
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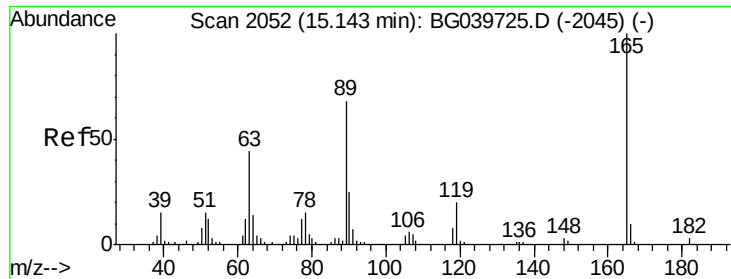
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#56
4-Nitrophenol
Concen: 63.418 ng
RT: 14.98 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BG040011.D
Acq: 19 Mar 2019 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	120181		
109	84.7		61.9	101.9
65	111.6		99.1	139.1





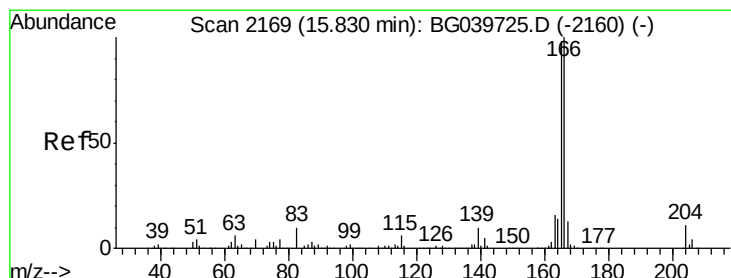
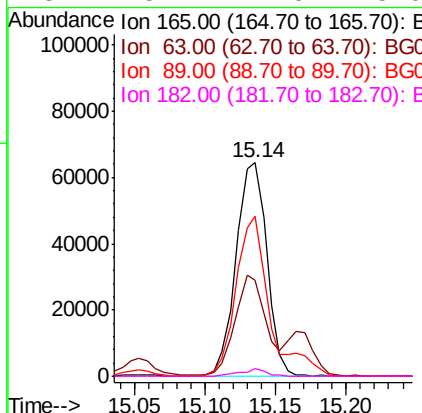
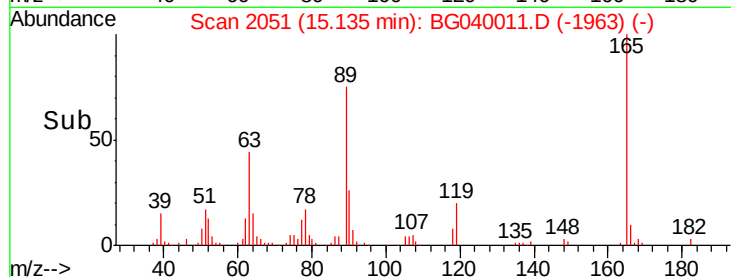
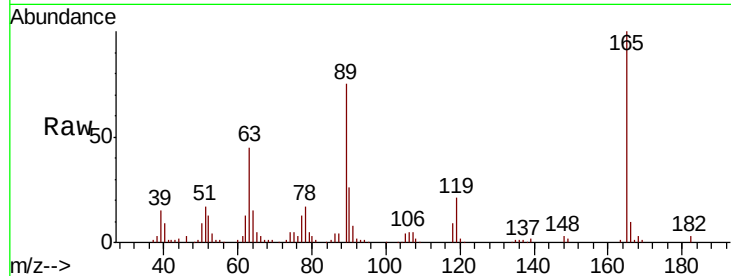
#57
 2,4-Dinitrotoluene
 Concen: 33.161 ng
 RT: 15.14 min Scan# 2051
 Delta R.T. -0.01 min
 Lab File: BG040011.D
 Acq: 19 Mar 2019 20:38

Instrument :
 BNA_G
 ClientSampled :
 TP-3MSD

Tot Ion:	165	Resp:	98196
Ion Ratio	Lower	Upper	
165	100		
63	44.7	41.0	61.6
89	74.7	64.6	96.8
182	3.4	2.0	3.0#

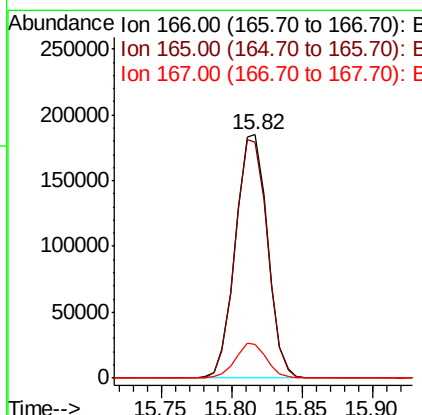
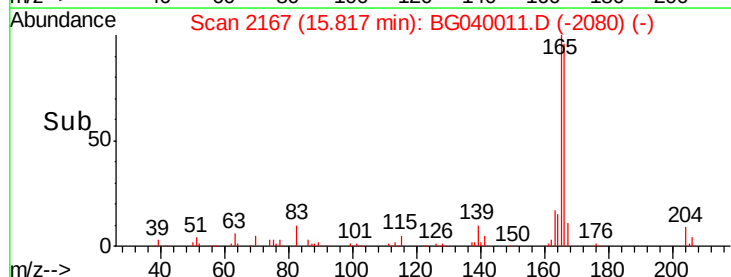
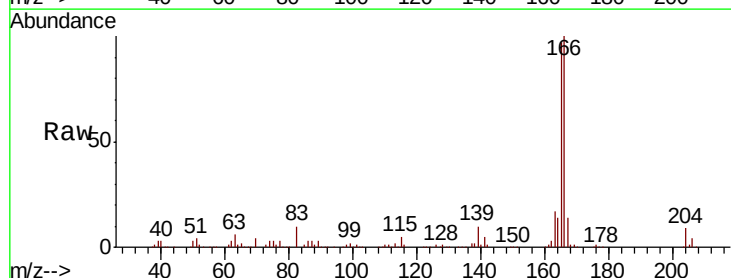
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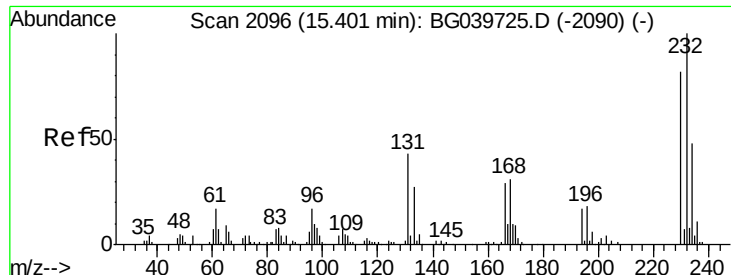
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#58
 Fluorene
 Concen: 31.181 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. -0.02 min
 Lab File: BG040011.D
 Acq: 19 Mar 2019 20:38

Tgt Ion:	166	Resp:	292300
Ion Ratio	Lower	Upper	
166	100		
165	96.7	77.9	116.9
167	13.9	10.8	16.2





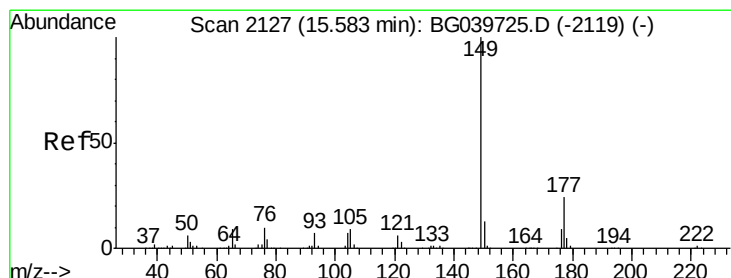
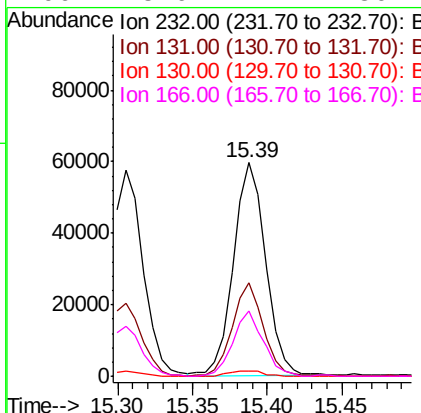
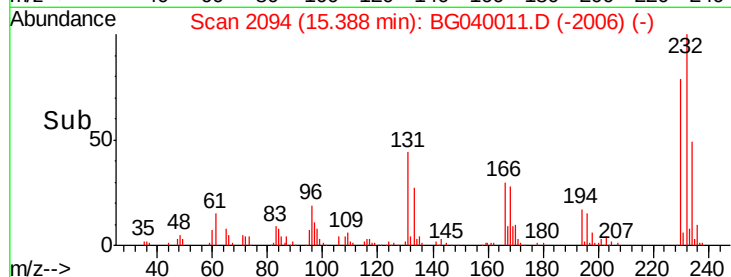
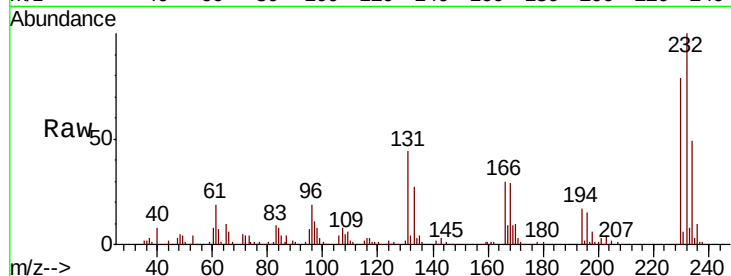
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 34.385 ng
 RT: 15.39 min Scan# 2094
 Delta R.T. -0.01 min
 Lab File: BG040011.D
 Acq: 19 Mar 2019 20:38

Instrument :
 BNA_G
 ClientSampled :
 TP-3MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.0	34.9	52.3
130	2.6	2.0	3.0
166	28.6	24.1	36.1

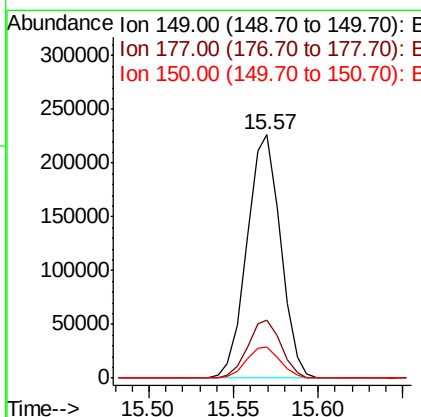
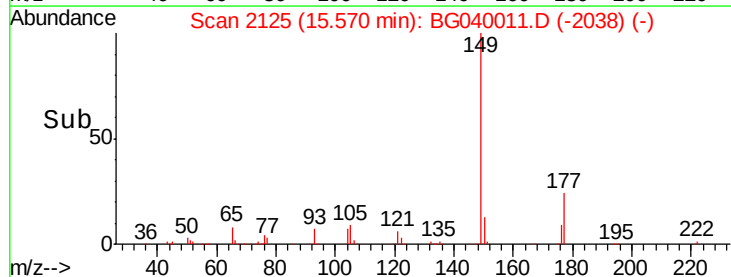
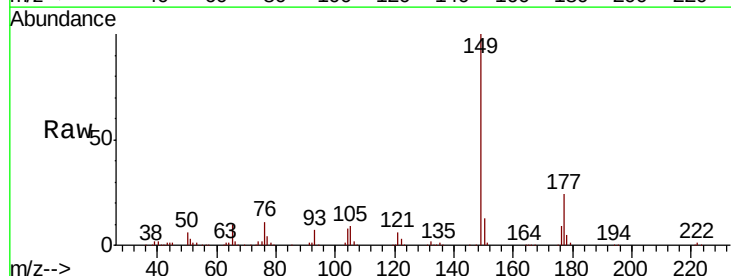
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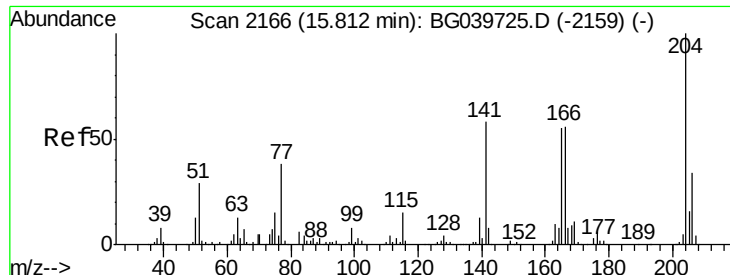
Sohil
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#60
 Diethylphthalate
 Concen: 31.845 ng
 RT: 15.57 min Scan# 2125
 Delta R.T. -0.02 min
 Lab File: BG040011.D
 Acq: 19 Mar 2019 20:38

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.0	18.3	27.5
150	12.7	10.2	15.2





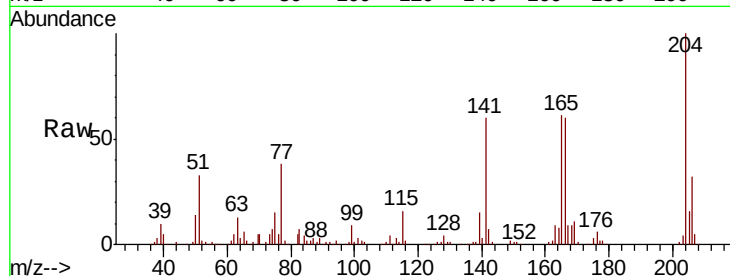
#61
4-Chlorophenyl-phenylether
Concen: 30.421 ng
RT: 15.80 min Scan# 2164
Delta R.T. -0.02 min
Lab File: BG040011.D
Acq: 19 Mar 2019 20:38

Instrument :
BNA_G
ClientSampled :
TP-3MSD

Tot Ion	Ratio	Resp Lower	Upper
204	100		
206	32.5	29.2	43.8
141	60.3	49.0	73.4

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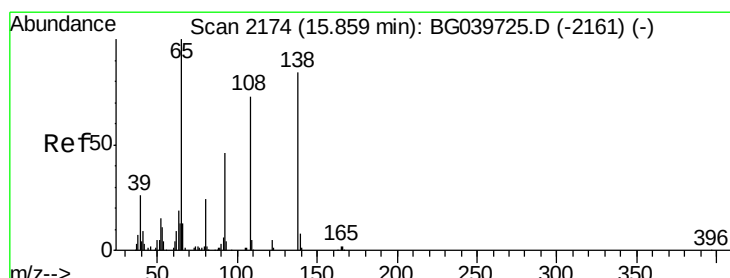
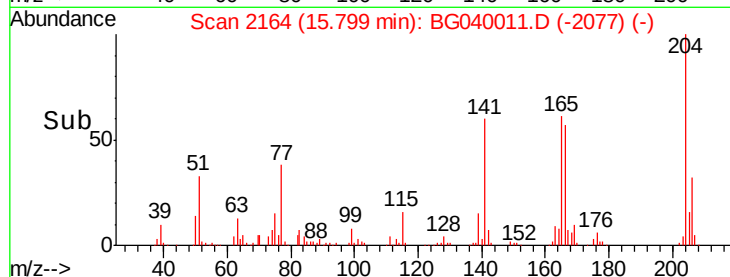
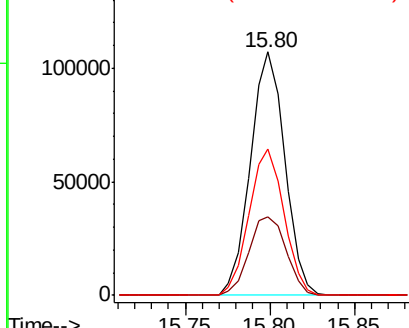


Abundance

Ion 204.00 (203.70 to 204.70): E

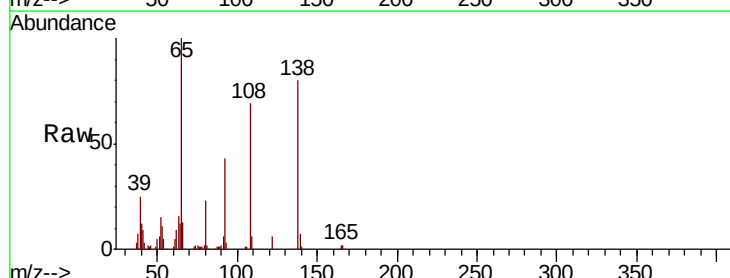
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 31.615 ng
RT: 15.85 min Scan# 2172
Delta R.T. -0.02 min
Lab File: BG040011.D
Acq: 19 Mar 2019 20:38

Tgt Ion	Ratio	Resp Lower	Upper
138	100		
92	54.0	38.7	78.7
108	86.8	74.6	114.6

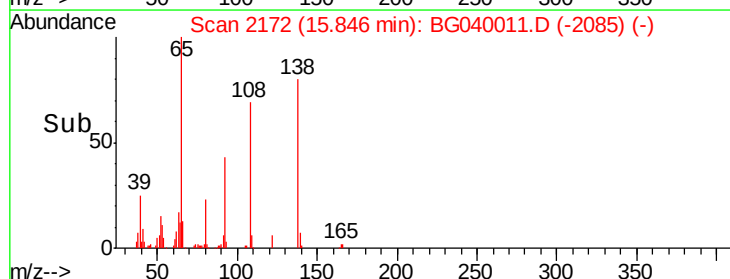
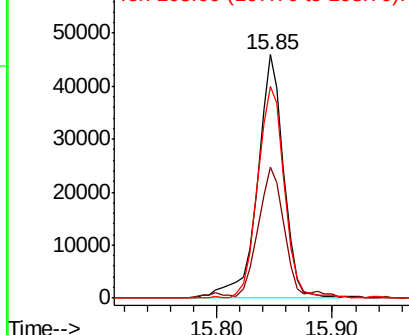


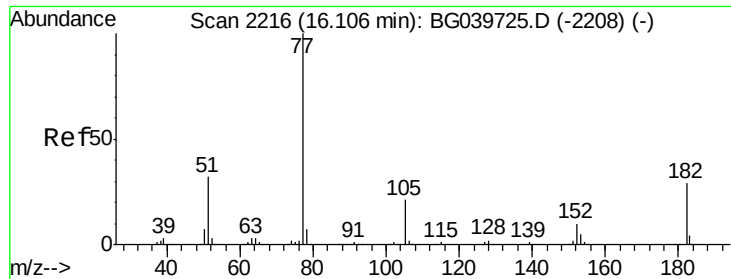
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





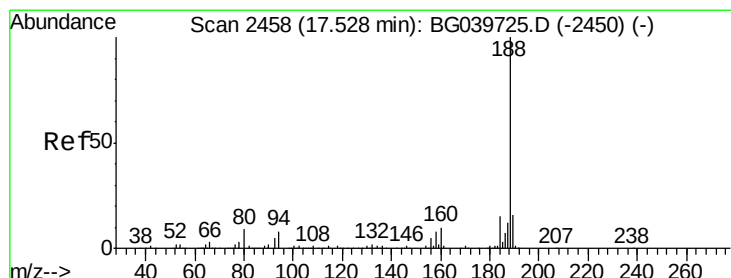
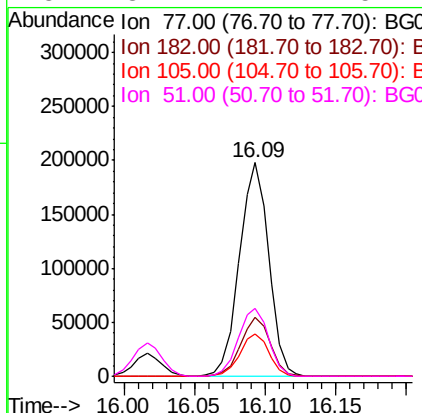
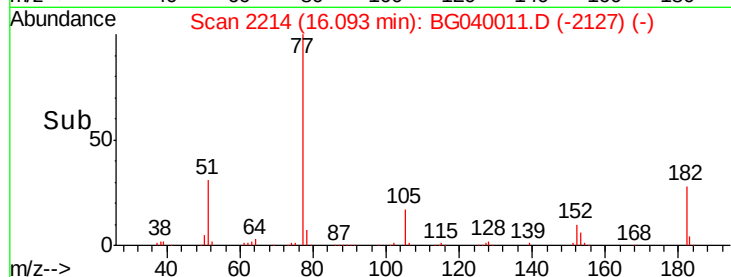
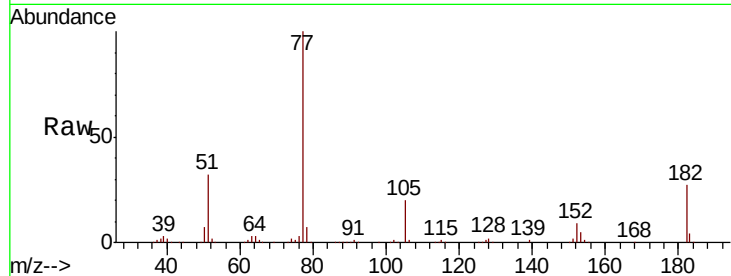
#63
Azobenzene
Concen: 32.242 ng
RT: 16.09 min Scan# 2214
Delta R.T. -0.02 min
Lab File: BG040011.D
Acq: 19 Mar 2019 20:38

Instrument :
BNA_G
ClientSampleId :
TP-3MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		287611		
182	27.3	6.4	46.4		
105	19.6	0.0	39.8		
51	31.7	14.1	54.1		

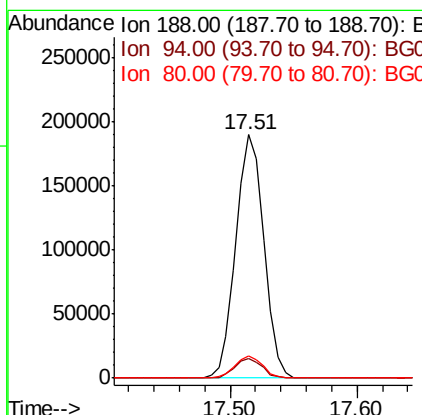
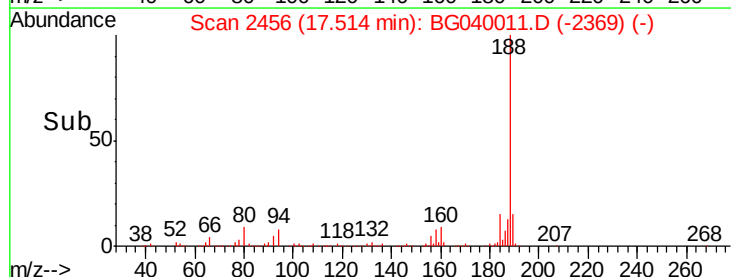
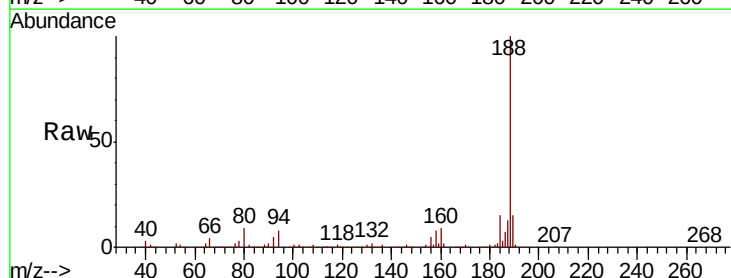
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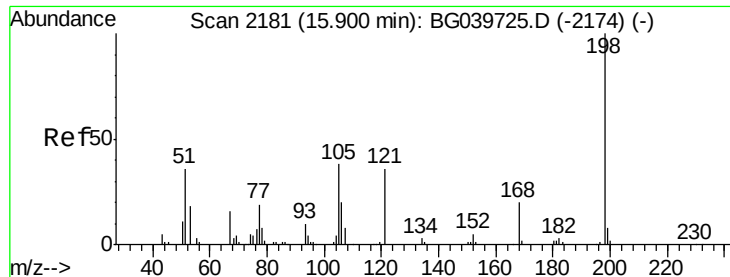
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG040011.D
Acq: 19 Mar 2019 20:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		289706		
94	7.8	6.9	10.3		
80	9.3	8.1	12.1		





#65

4,6-Dinitro-2-methylphenol

Concen: 34.914 ng

RT: 15.89 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BG040011.D

Acq: 19 Mar 2019 20:38

Instrument :

BNA_G

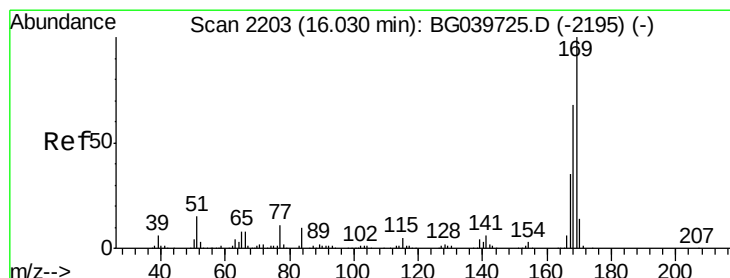
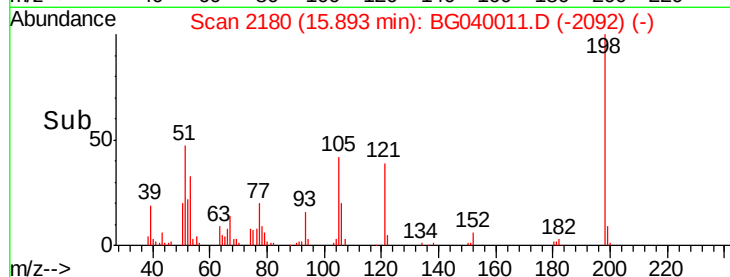
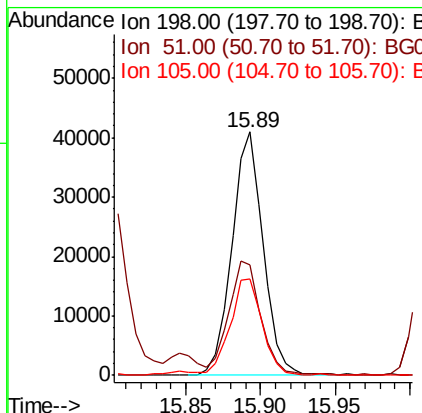
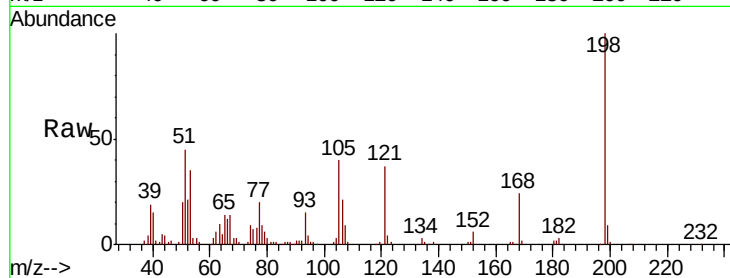
ClientSampled :

TP-3MSD

Tot Ion:	198	Resp:	59805
Ion Ratio	Lower	Upper	
198	100		
51	45.1	27.4	67.4
105	39.7	19.7	59.7

Manual Integrations
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#66

n-Nitrosodiphenylamine

Concen: 32.206 ng

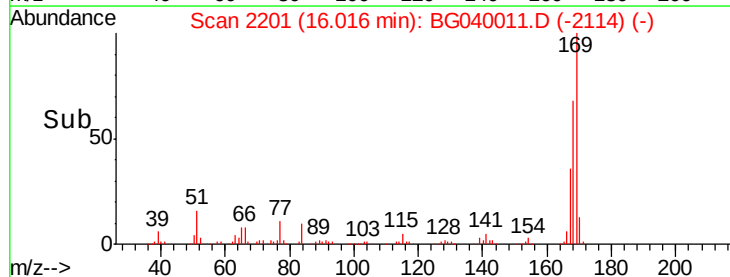
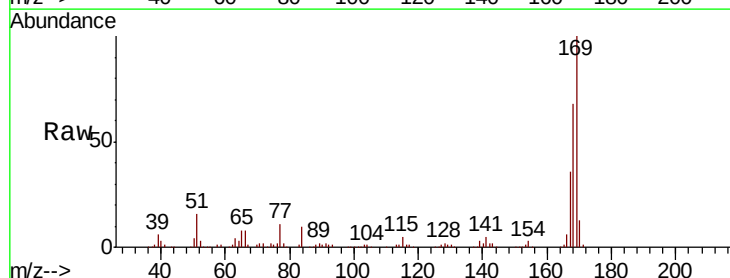
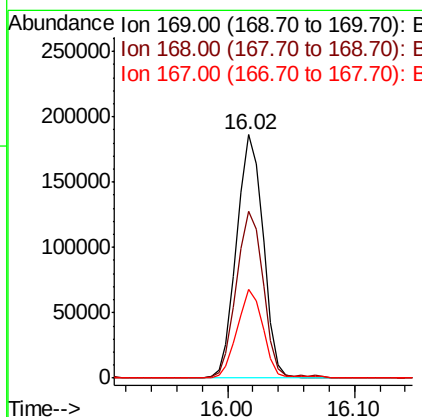
RT: 16.02 min Scan# 2201

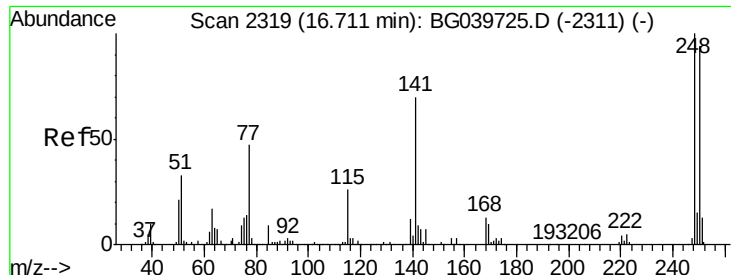
Delta R.T. -0.02 min

Lab File: BG040011.D

Acq: 19 Mar 2019 20:38

Tgt Ion:	169	Resp:	270112
Ion Ratio	Lower	Upper	
169	100		
168	68.3	56.6	85.0
167	36.2	28.8	43.2





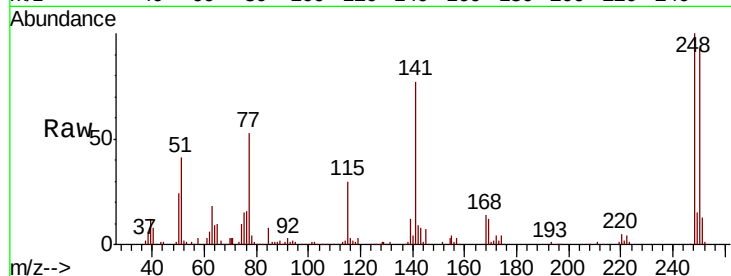
#67
 4-Bromophenyl-phenylether
 Concen: 30.788 ng
 RT: 16.69 min Scan# 2316
 Delta R.T. -0.03 min
 Lab File: BG040011.D
 Acq: 19 Mar 2019 20:38

Instrument :
 BNA_G
 ClientSampled :
 TP-3MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	92.6	77.6	116.4
141	76.5	63.9	95.9

Manual Integrations
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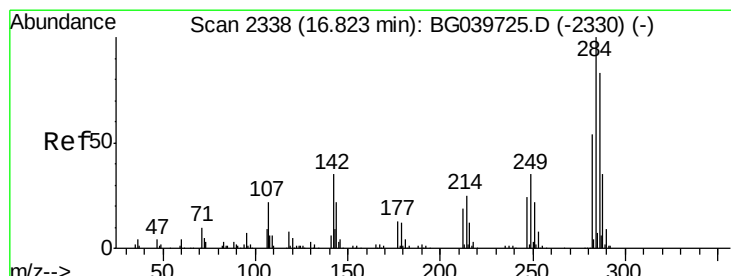
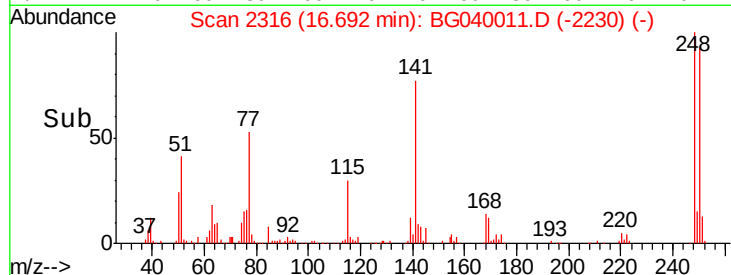
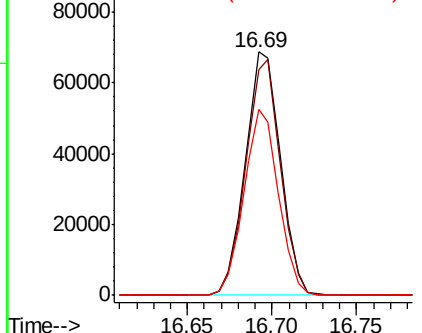


Abundance

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: 30.528 ng
 RT: 16.81 min Scan# 2336
 Delta R.T. -0.02 min
 Lab File: BG040011.D
 Acq: 19 Mar 2019 20:38

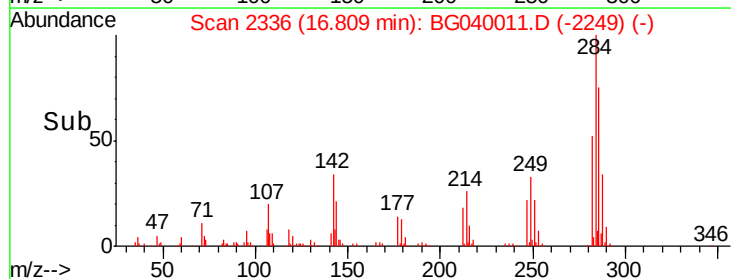
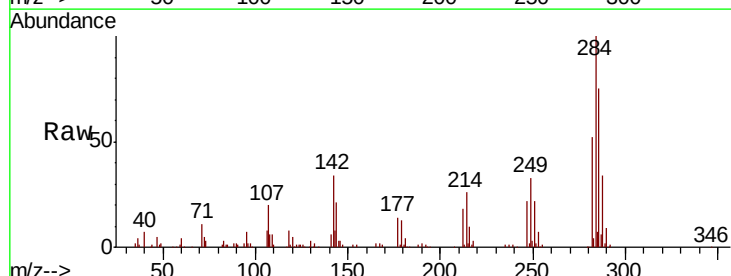
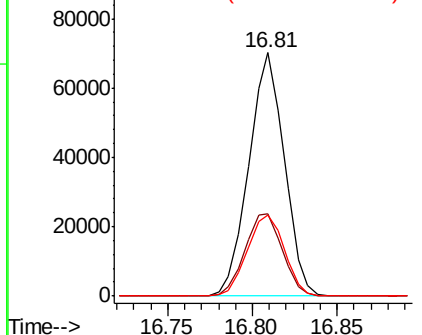
Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.7	30.6	45.8
249	33.2	28.2	42.2

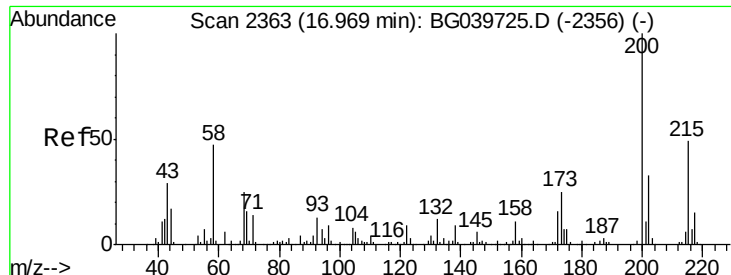
Abundance

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





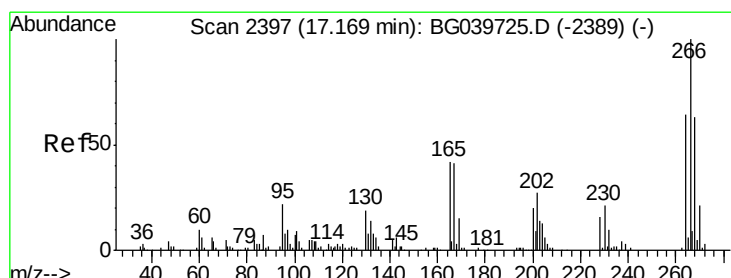
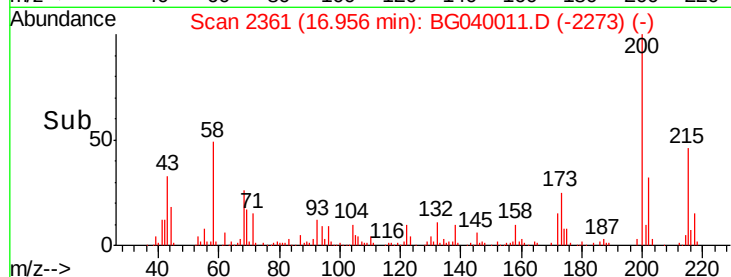
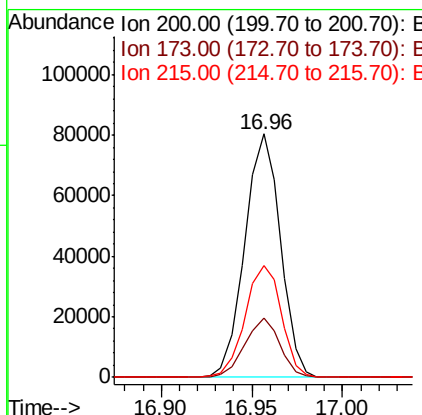
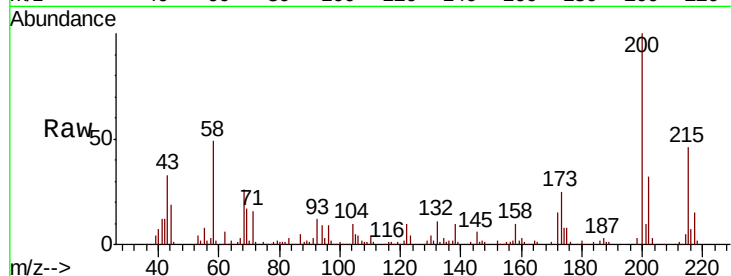
#69
 Atrazine
 Concen: 33.268 ng
 RT: 16.96 min Scan# 2361
 Delta R.T. -0.01 min
 Lab File: BG040011.D
 Acq: 19 Mar 2019 20:38

Instrument :
 BNA_G
 ClientSampled :
 TP-3MSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	24.5	3.9	43.9
215	45.9	30.9	70.9

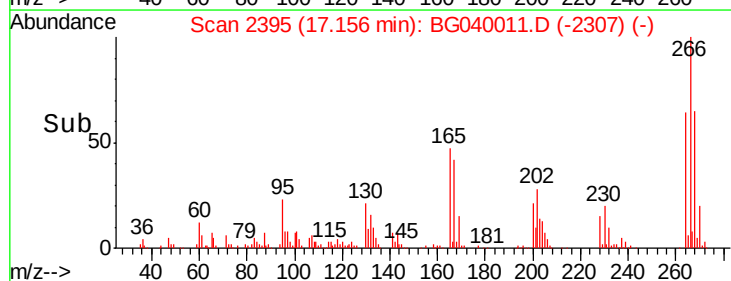
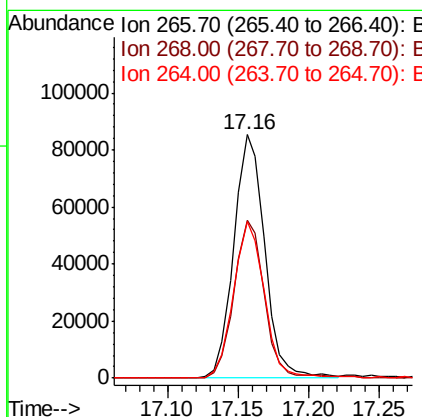
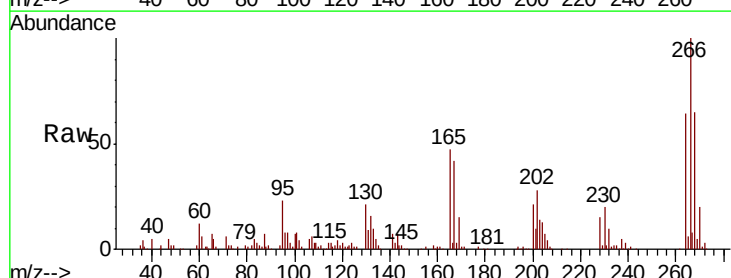
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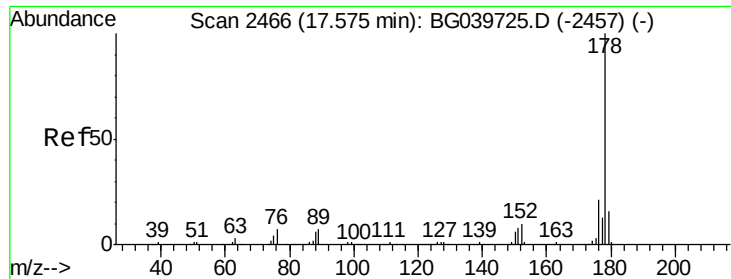
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#70
 Pentachlorophenol
 Concen: 61.650 ng
 RT: 17.16 min Scan# 2395
 Delta R.T. -0.01 min
 Lab File: BG040011.D
 Acq: 19 Mar 2019 20:38

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.9	51.1	76.7
264	64.2	52.1	78.1





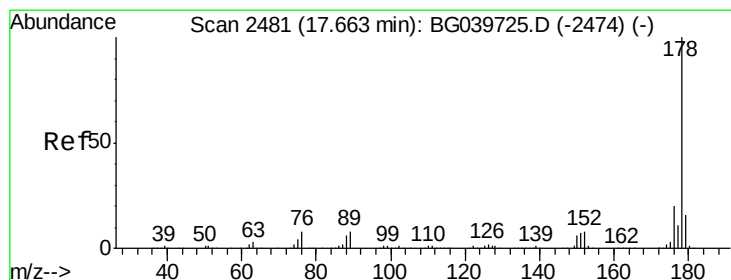
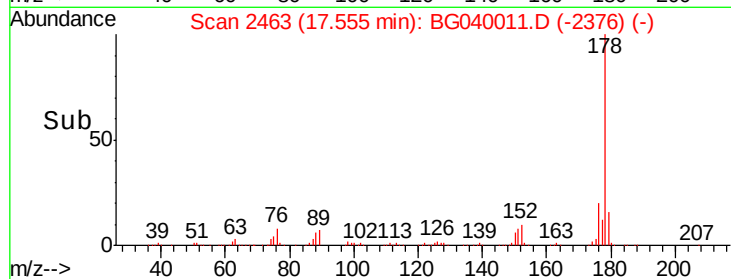
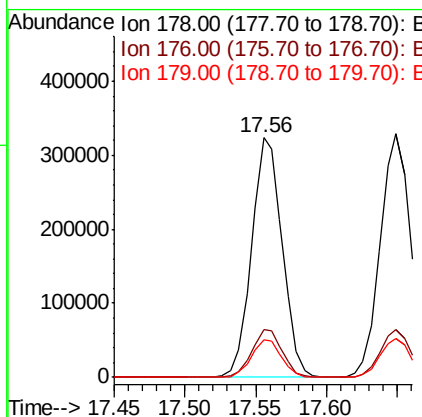
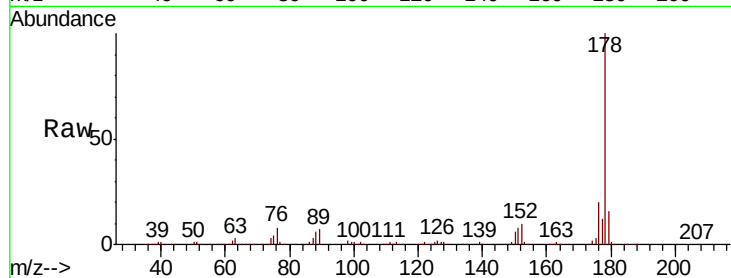
#71
Phenanthrene
Concen: 30.711 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.02 min
Lab File: BG040011.D
Acq: 19 Mar 2019 20:38

Instrument :
BNA_G
ClientSampleId :
TP-3MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.2	24.4
179	15.8	12.6	19.0

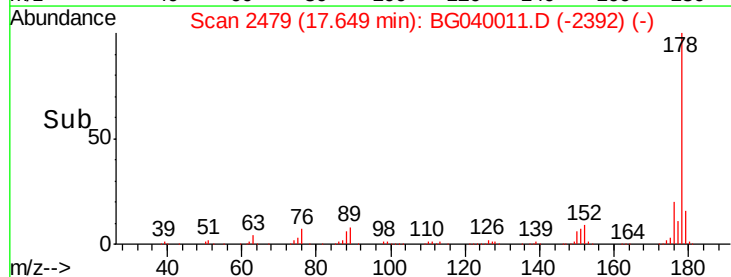
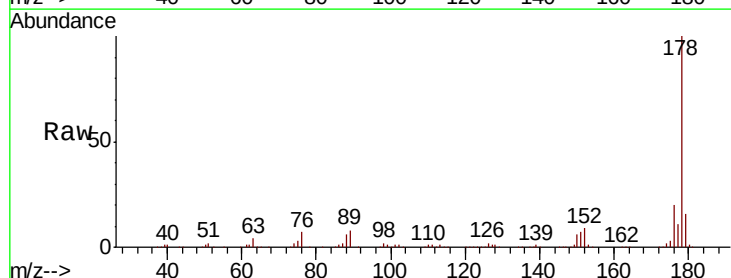
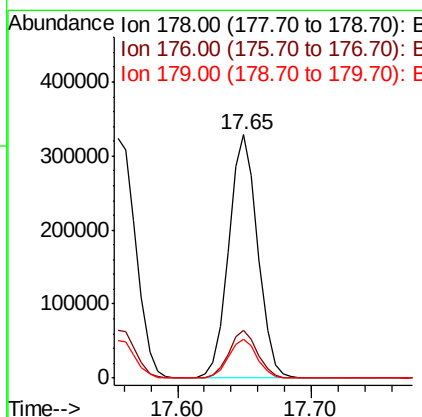
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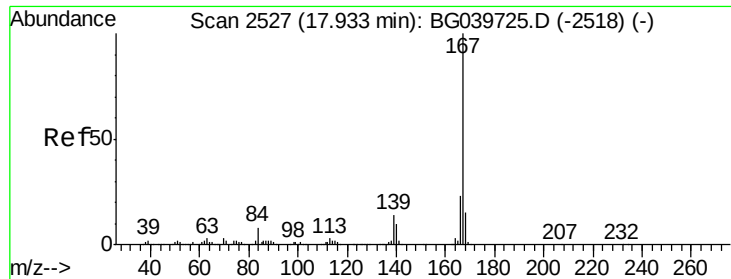
Sohil
3/20/2019 4:59:17 PM



#72
Anthracene
Concen: 31.919 ng
RT: 17.65 min Scan# 2479
Delta R.T. -0.02 min
Lab File: BG040011.D
Acq: 19 Mar 2019 20:38

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.6
179	16.2	12.5	18.7





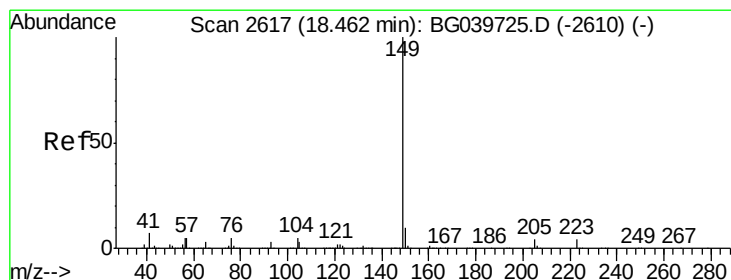
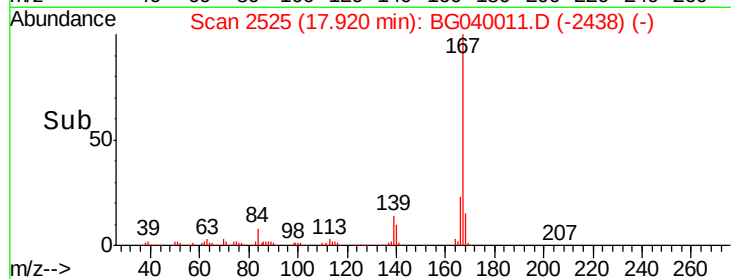
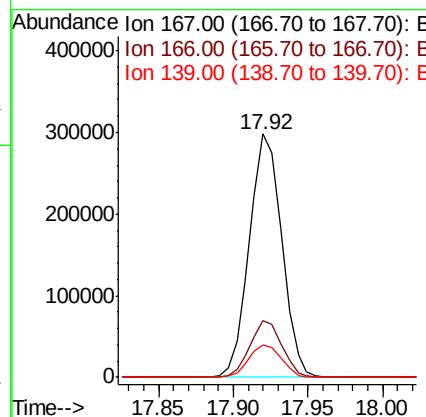
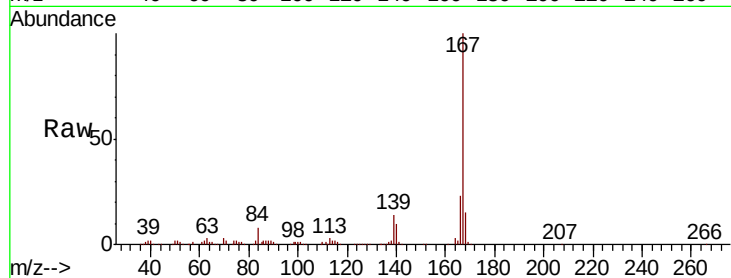
#73
 Carbazole
 Concen: 31.910 ng
 RT: 17.92 min Scan# 2525
 Delta R.T. -0.02 min
 Lab File: BG040011.D
 Acq: 19 Mar 2019 20:38

Instrument :
 BNA_G
 ClientSampleId :
 TP-3MSD

Tot Ion:	167	Resp:	447342
Ion Ratio	Lower	Upper	
167	100		
166	23.2	19.4	29.2
139	13.5	10.8	16.2

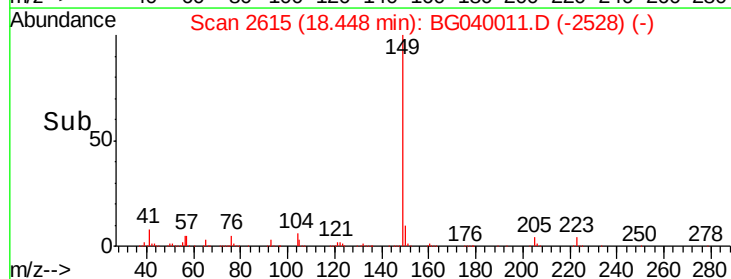
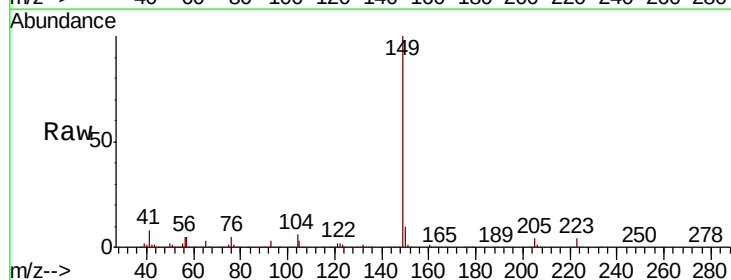
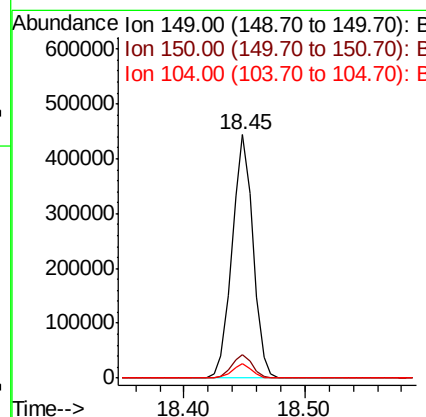
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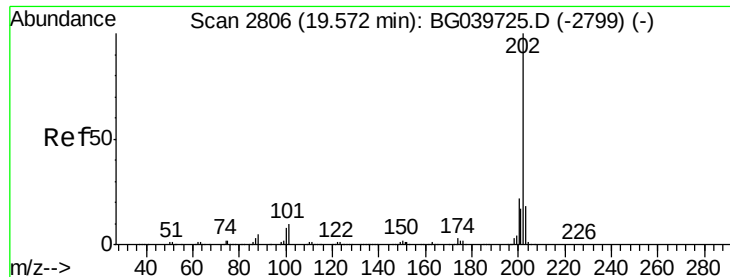
Sohil
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#74
 Di-n-butylphthalate
 Concen: 32.275 ng
 RT: 18.45 min Scan# 2615
 Delta R.T. -0.02 min
 Lab File: BG040011.D
 Acq: 19 Mar 2019 20:38

Tgt Ion:	149	Resp:	532347
Ion Ratio	Lower	Upper	
149	100		
150	9.7	7.7	11.5
104	5.8	4.5	6.7





#75

Fluoranthene

Concen: 31.177 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.02 min

Lab File: BG040011.D

Acq: 19 Mar 2019 20:38

Instrument :

BNA_G

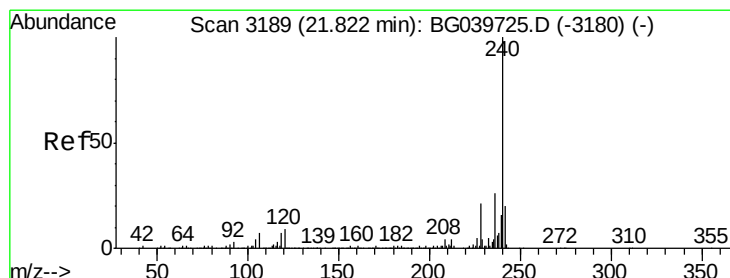
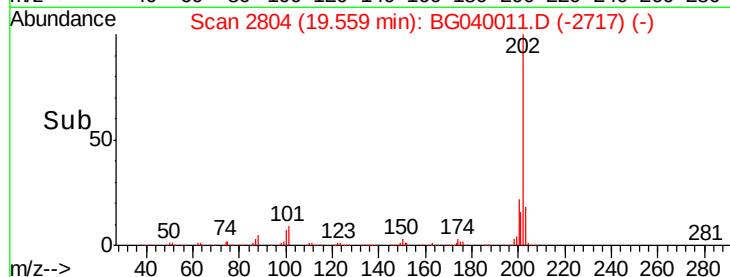
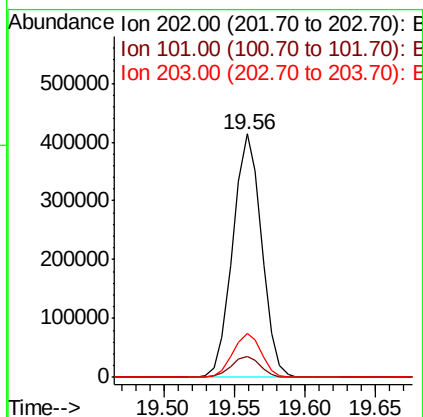
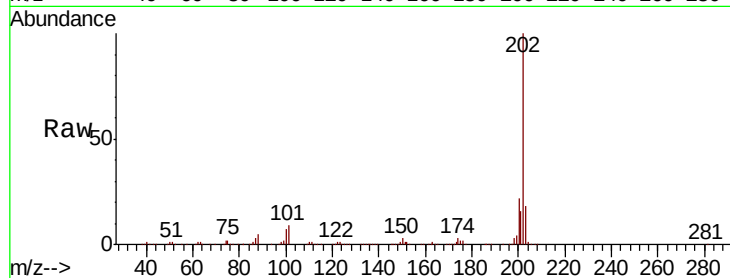
ClientSampled :

TP-3MSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.6	0.0	30.0
203	17.8	0.0	38.9

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#76

Chrysene-d12

Concen: 20.000 ng

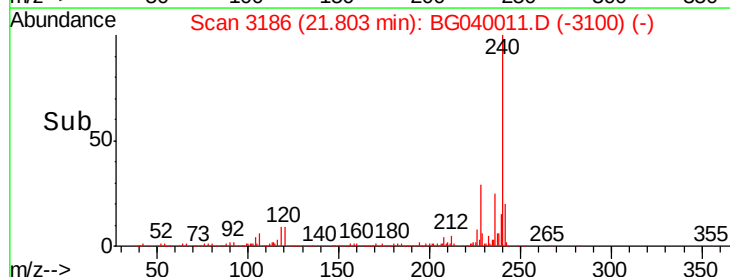
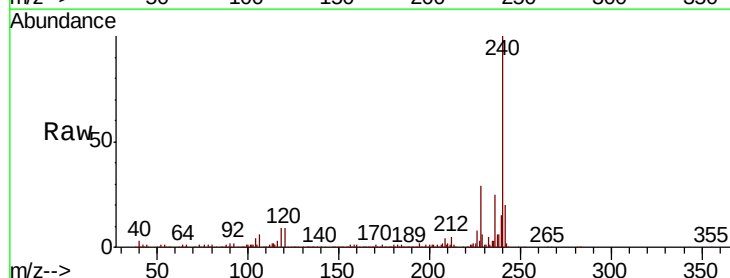
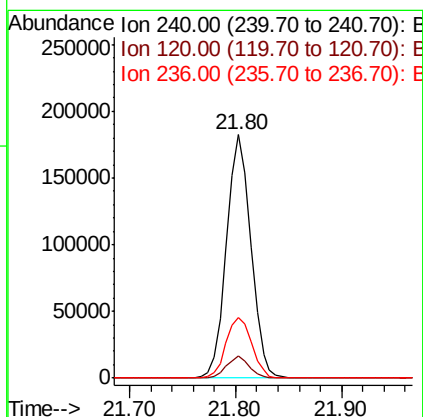
RT: 21.80 min Scan# 3186

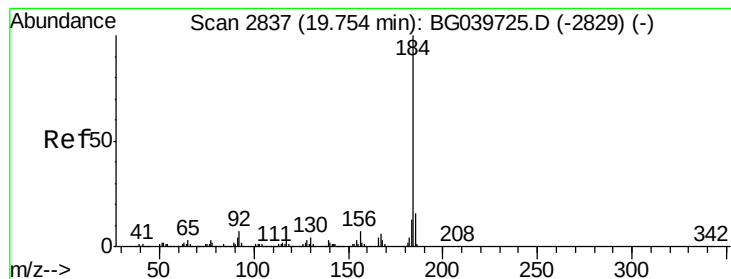
Delta R.T. -0.03 min

Lab File: BG040011.D

Acq: 19 Mar 2019 20:38

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	9.0	7.0	10.6
236	24.8	21.0	31.4





#77

Benzidine

Concen: 6.369 ng

RT: 19.74 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BG040011.D

Acq: 19 Mar 2019 20:38

Instrument :

BNA_G

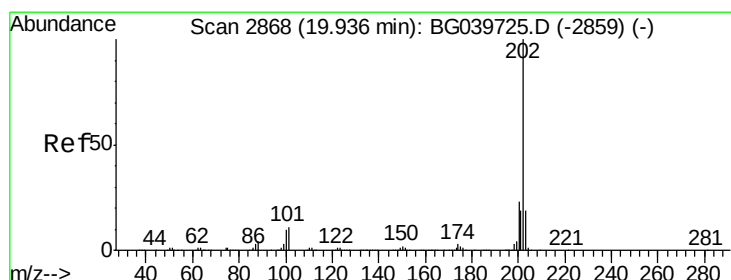
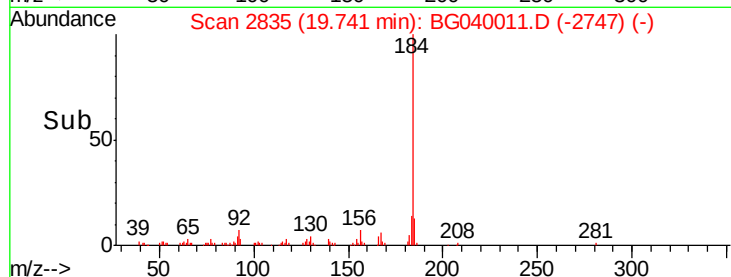
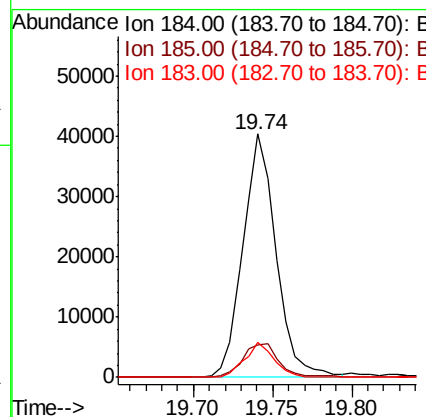
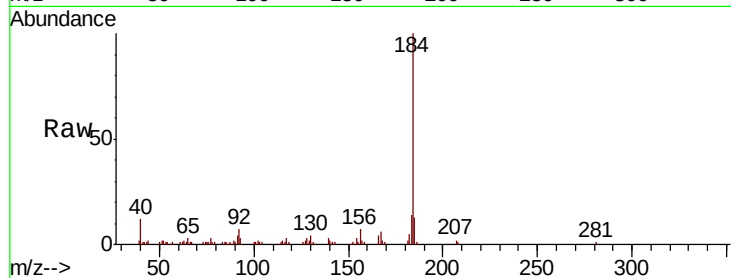
ClientSampled :

TP-3MSD

Tot Ion:	184	Resp:	58655
Ion Ratio	Lower	Upper	
184	100		
185	13.4	12.2	18.2
183	14.5	10.6	15.8

Manual Integrations
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#78

Pyrene

Concen: 31.332 ng

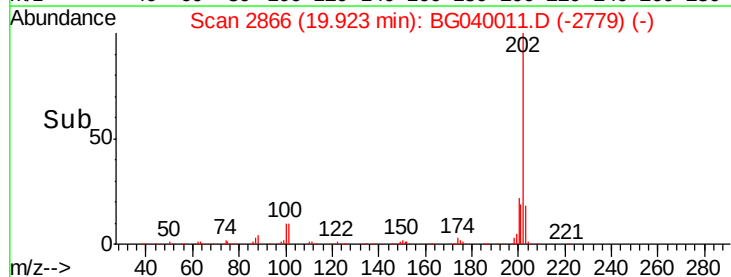
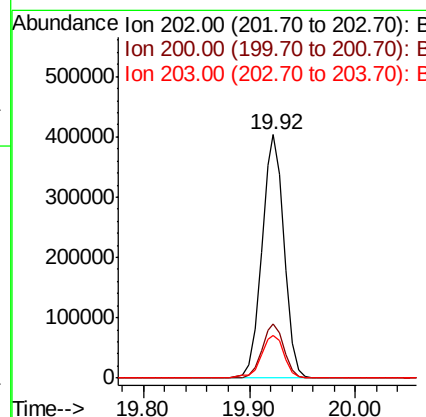
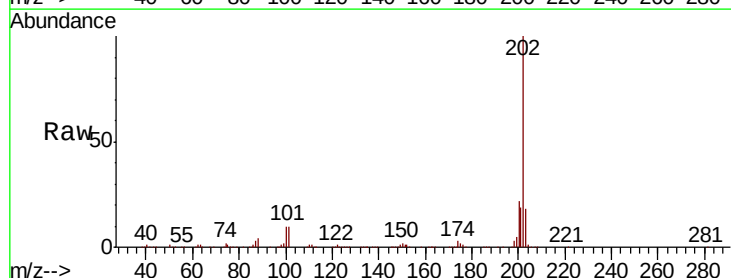
RT: 19.92 min Scan# 2866

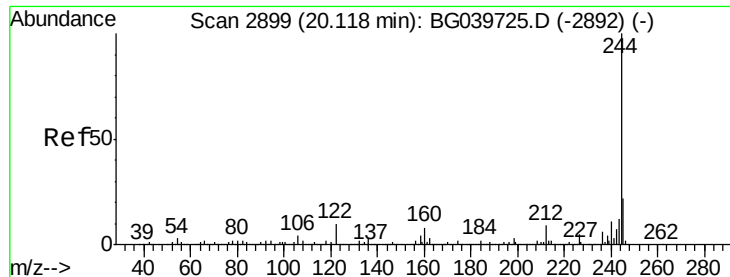
Delta R.T. -0.02 min

Lab File: BG040011.D

Acq: 19 Mar 2019 20:38

Tgt Ion:	202	Resp:	590869
Ion Ratio	Lower	Upper	
202	100		
200	22.4	17.8	26.8
203	17.7	15.3	22.9





#79

Terphenyl-d14

Concen: 85.717 ng

RT: 20.11 min Scan# 2898

Delta R.T. -0.01 min

Lab File: BG040011.D

Acq: 19 Mar 2019 20:38

Instrument :

BNA_G

ClientSampled :

TP-3MSD

Tot Ion:244 Resp: 1129809

Ion Ratio Lower Upper

244 100

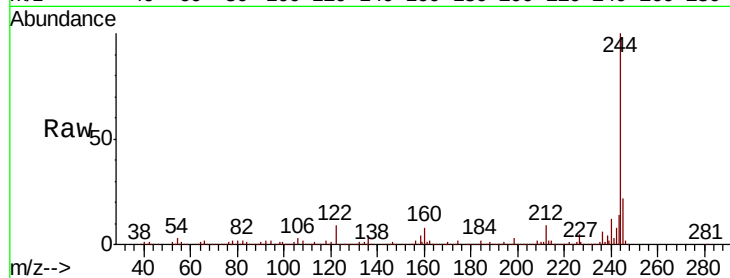
212 9.3 7.3 10.9

122 8.7 8.4 12.6

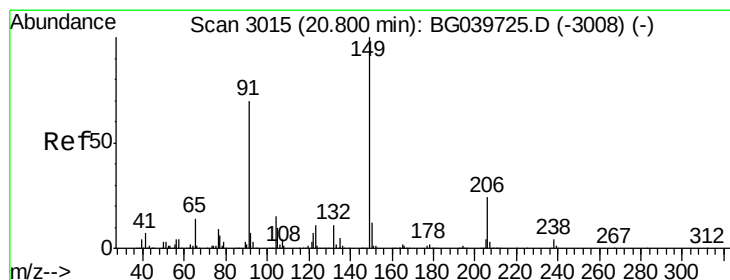
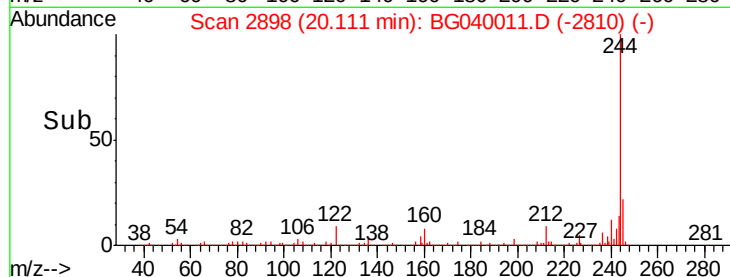
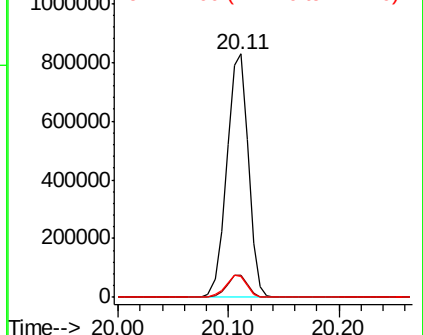
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 33.863 ng

RT: 20.79 min Scan# 3013

Delta R.T. -0.02 min

Lab File: BG040011.D

Acq: 19 Mar 2019 20:38

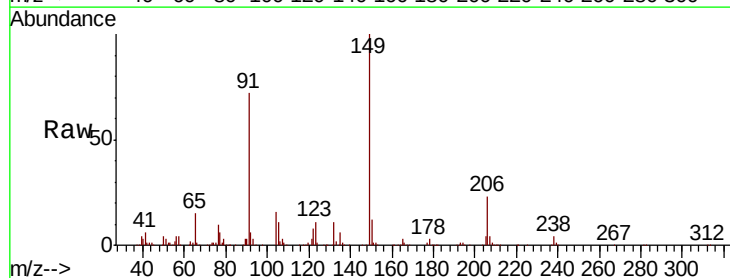
Tgt Ion:149 Resp: 247411

Ion Ratio Lower Upper

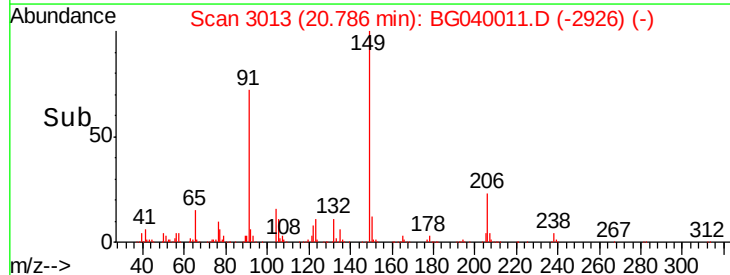
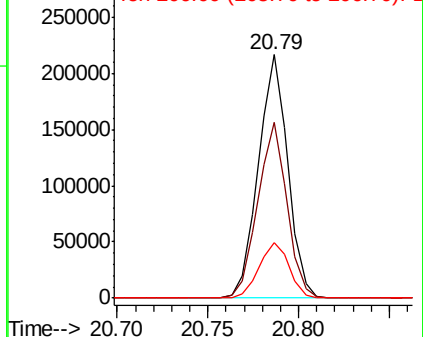
149 100

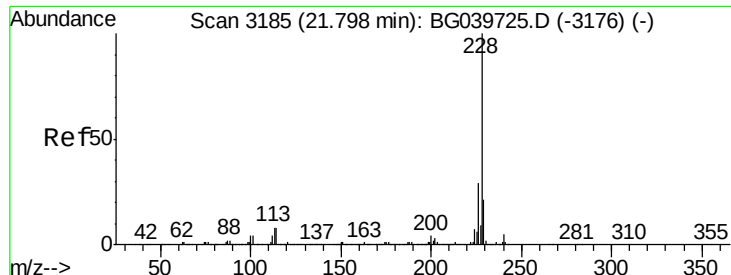
91 72.0 59.5 89.3

206 22.9 18.6 27.8



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





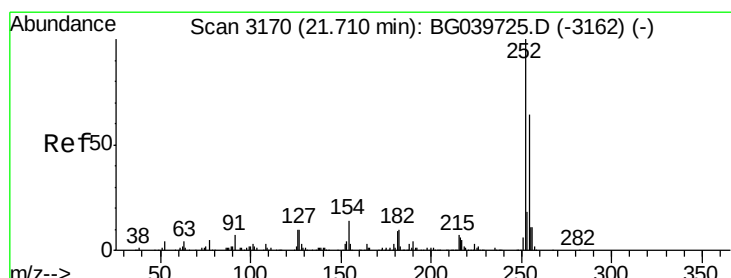
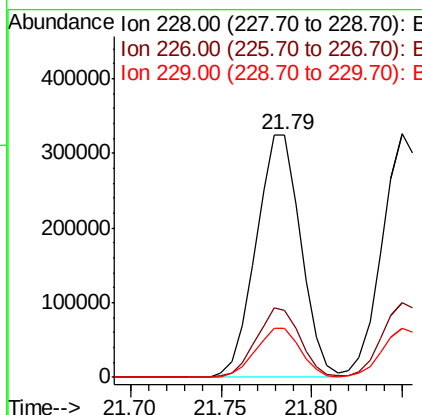
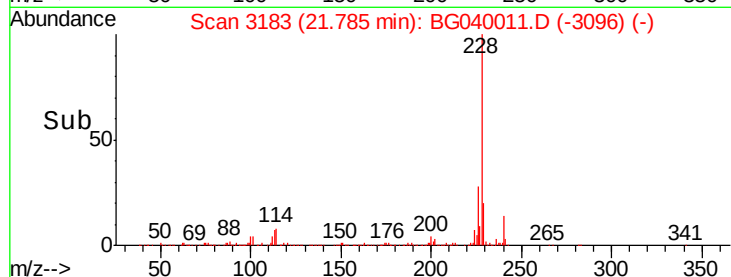
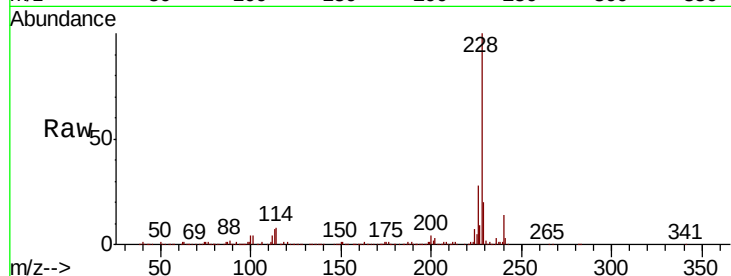
#81
Benzo(a)anthracene
Concen: 30.742 ng
RT: 21.79 min Scan# 3183
Delta R.T. -0.02 min
Lab File: BG040011.D
Acq: 19 Mar 2019 20:38

Instrument :
BNA_G
ClientSampleId :
TP-3MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.9	23.0	34.6
229	20.2	16.9	25.3

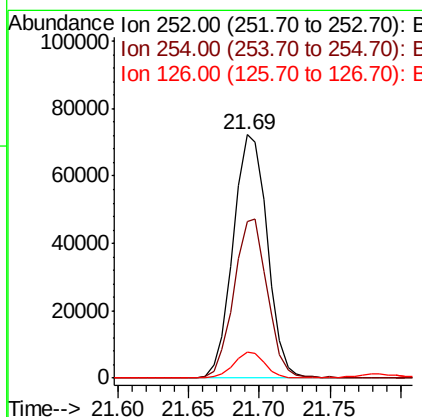
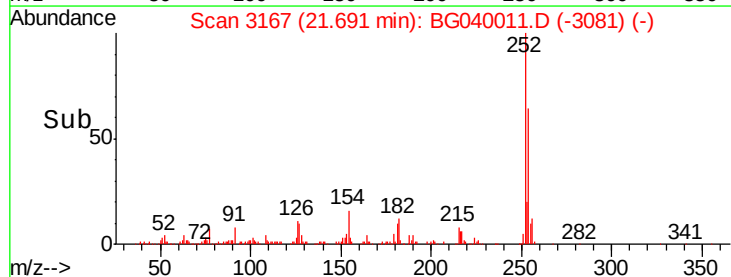
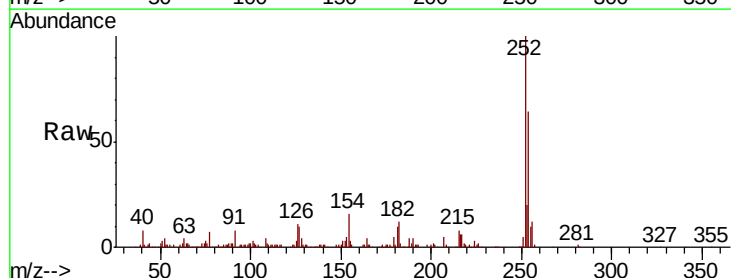
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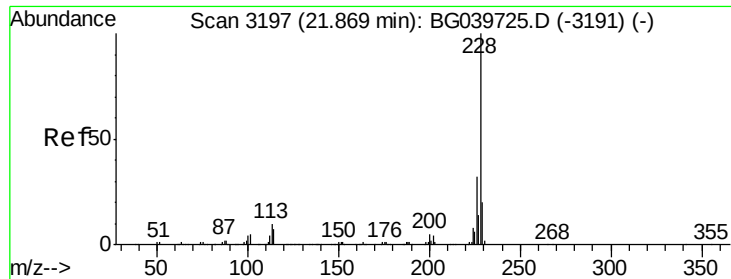
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#82
3,3'-Dichlorobenzidine
Concen: 18.392 ng
RT: 21.69 min Scan# 3167
Delta R.T. -0.03 min
Lab File: BG040011.D
Acq: 19 Mar 2019 20:38

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.2	51.3	76.9
126	10.6	8.0	12.0





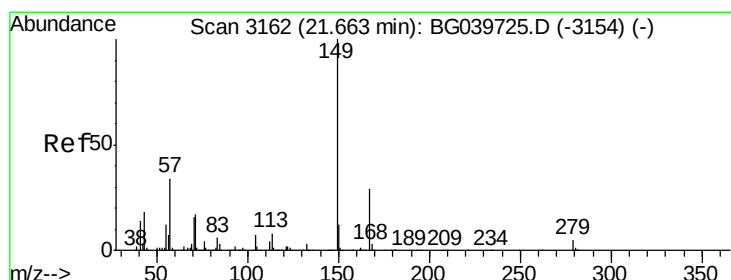
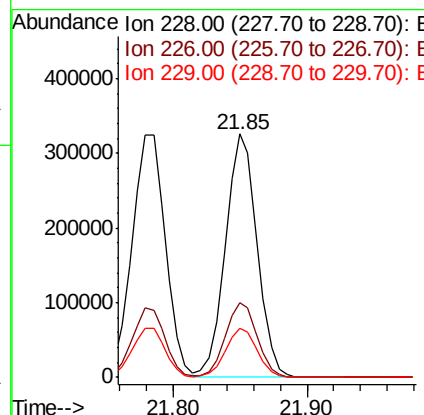
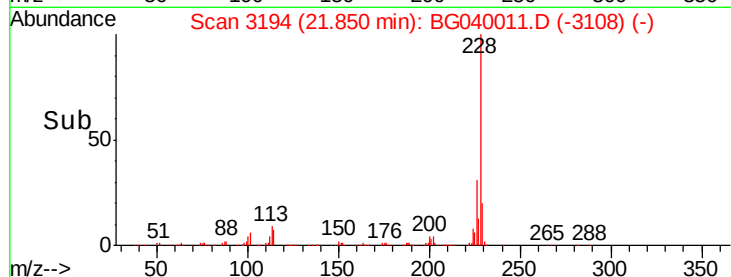
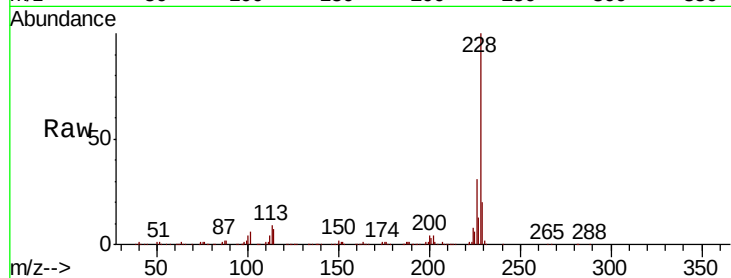
#83
Chrysene
Concen: 30.555 ng
RT: 21.85 min Scan# 3194
Delta R.T. -0.03 min
Lab File: BG040011.D
Acq: 19 Mar 2019 20:38

Instrument :
BNA_G
ClientSampleId :
TP-3MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.8	38.6
229	20.3	16.6	25.0

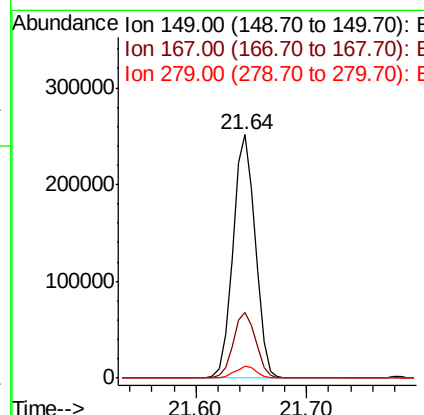
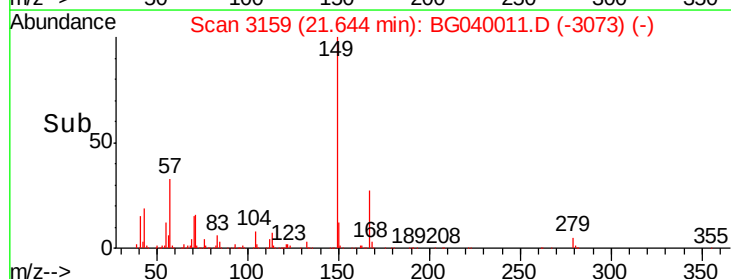
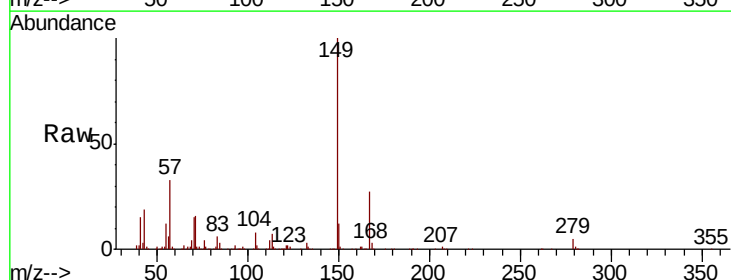
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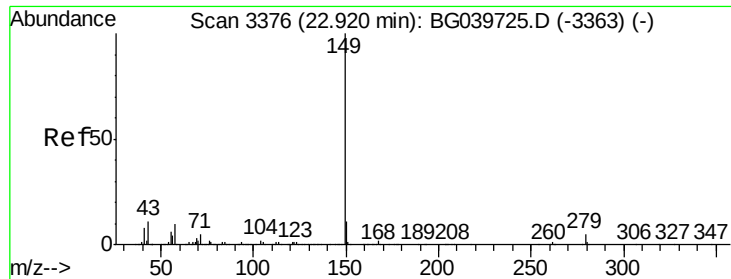
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#84
Bis(2-ethylhexyl)phthalate
Concen: 34.674 ng
RT: 21.64 min Scan# 3159
Delta R.T. -0.03 min
Lab File: BG040011.D
Acq: 19 Mar 2019 20:38

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.1	22.6	34.0
279	4.7	3.5	5.3





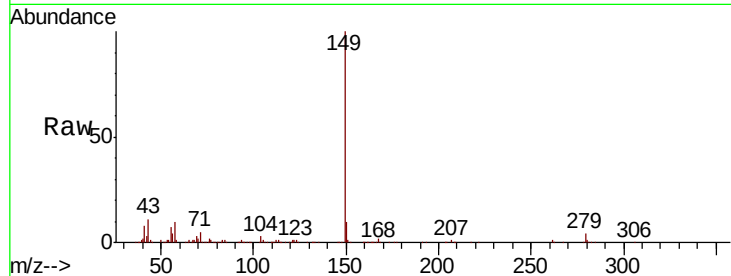
#85
Di-n-octyl phthalate
Concen: 35.272 ng
RT: 22.90 min Scan# 3372
Delta R.T. -0.03 min
Lab File: BG040011.D
Acq: 19 Mar 2019 20:38

Instrument :
BNA_G
ClientSampleId :
TP-3MSD

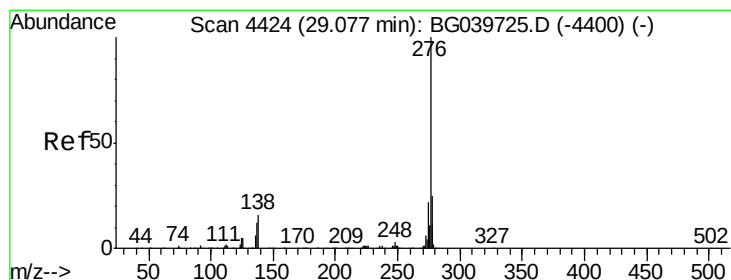
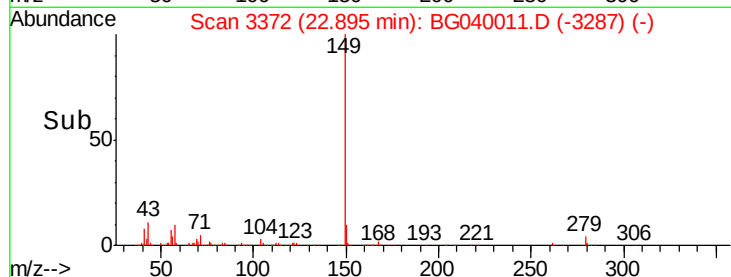
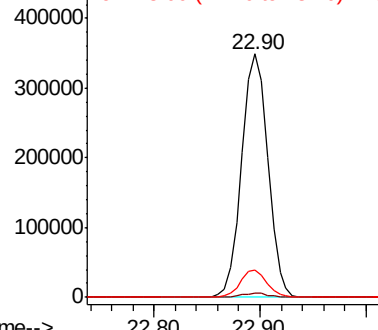
Tot Ion	Ratio	Resp	Lower	Upper
149	100	599619		
167	1.6		1.3	1.9
43	11.5		10.2	15.4

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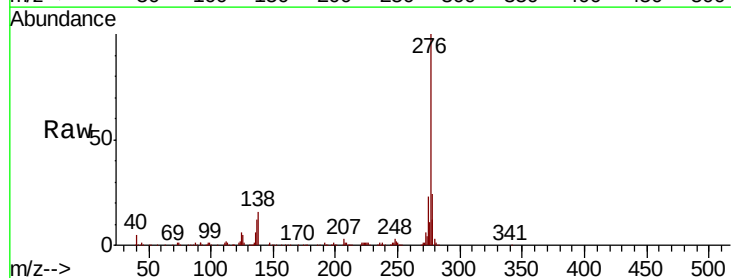


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

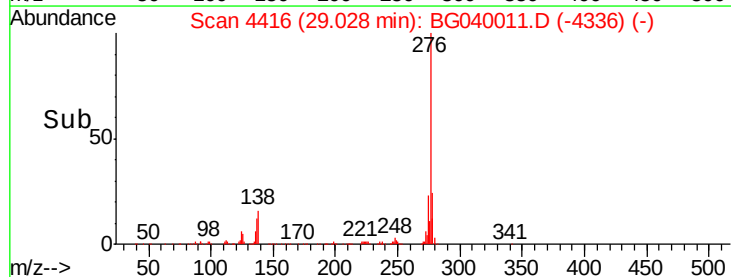
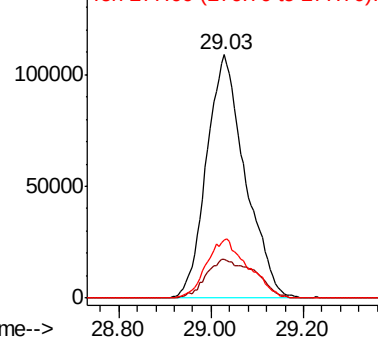


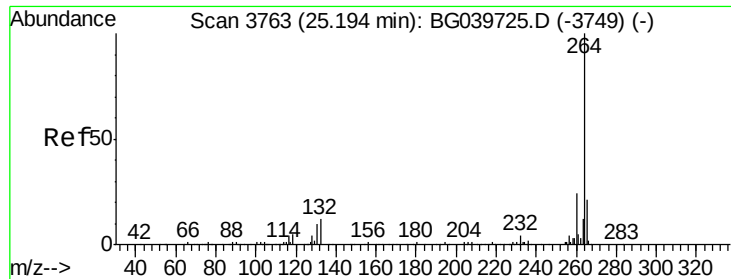
#86
Indeno(1,2,3-cd)pyrene
Concen: 31.639 ng
RT: 29.03 min Scan# 4416
Delta R.T. -0.06 min
Lab File: BG040011.D
Acq: 19 Mar 2019 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	632910		
138	20.1		12.6	19.0#
277	26.1		20.8	31.2



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.16 min Scan# 3758

Delta R.T. -0.04 min

Lab File: BG040011.D

Acq: 19 Mar 2019 20:38

Instrument :

BNA_G

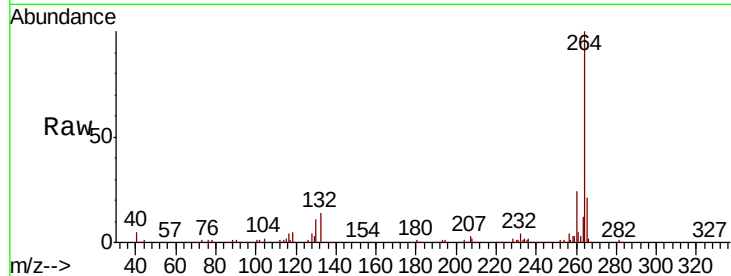
ClientSampled :

TP-3MSD

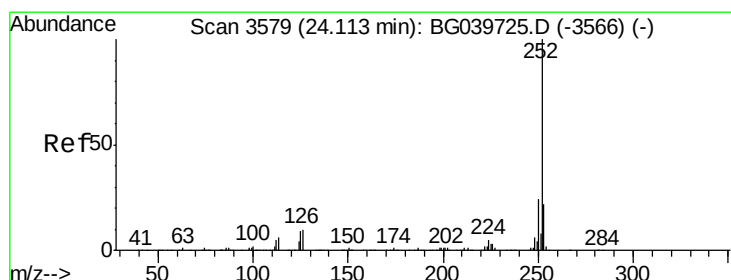
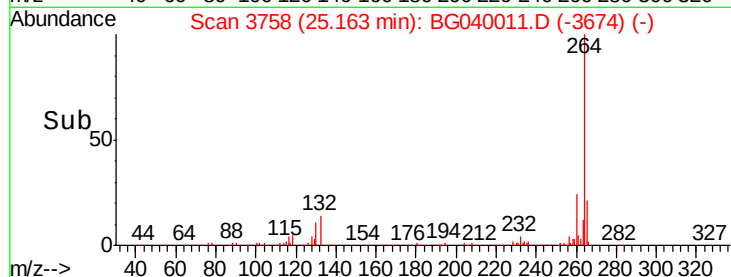
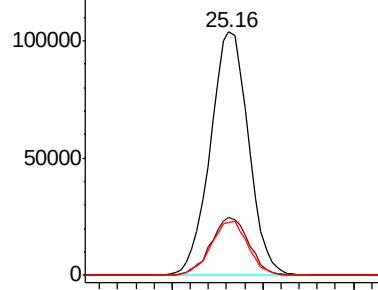
Tot Ion:	264	Resp:	303477
Ion Ratio	Lower	Upper	
264	100		
260	24.0	18.2	27.4
265	21.5	18.5	27.7

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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: 31.294 ng

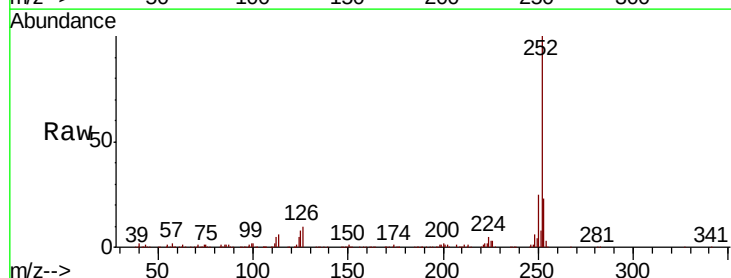
RT: 24.09 min Scan# 3575

Delta R.T. -0.03 min

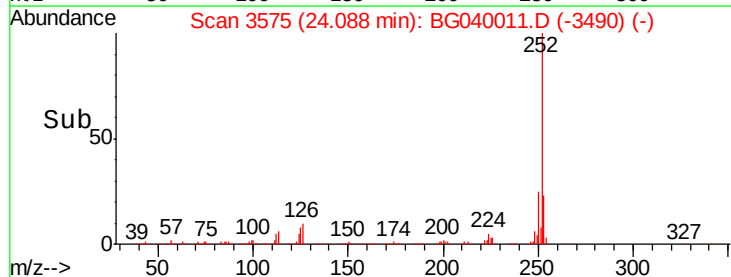
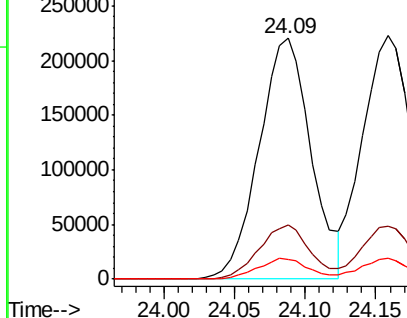
Lab File: BG040011.D

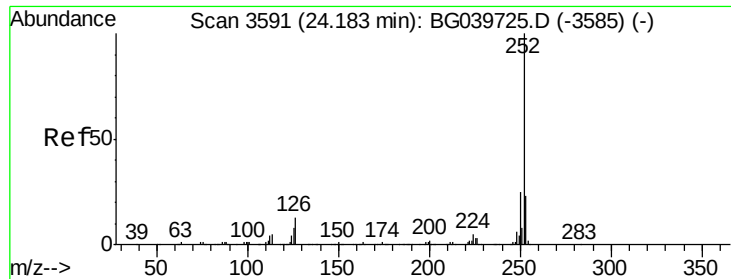
Acq: 19 Mar 2019 20:38

Tgt Ion:	252	Resp:	566327
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.8	26.8
125	8.2	7.8	11.6



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





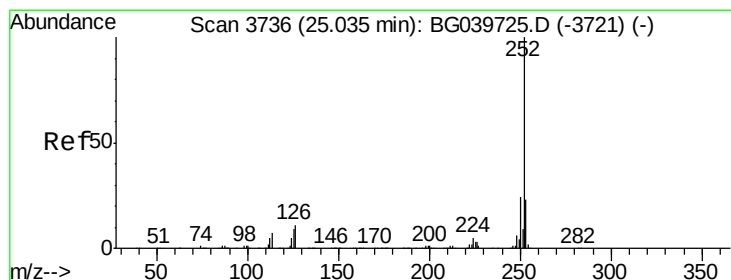
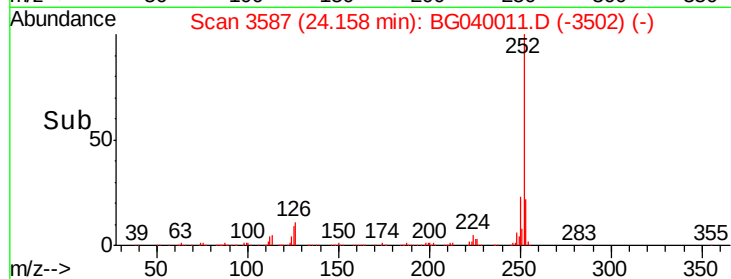
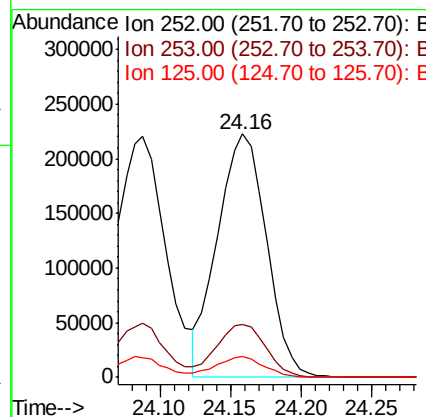
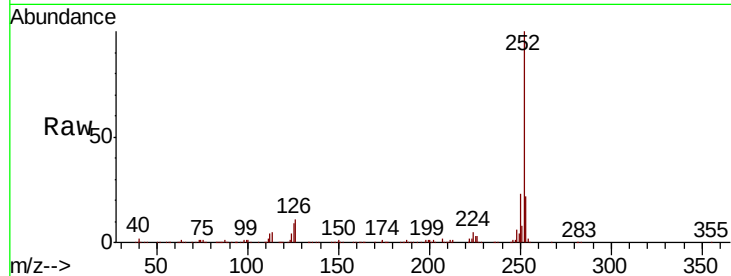
#89
Benzo(k)fluoranthene
Concen: 31.746 ng
RT: 24.16 min Scan# 3587
Delta R.T. -0.03 min
Lab File: BG040011.D
Acq: 19 Mar 2019 20:38

Instrument :
BNA_G
ClientSampleId :
TP-3MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.2
125	8.6	7.4	11.2

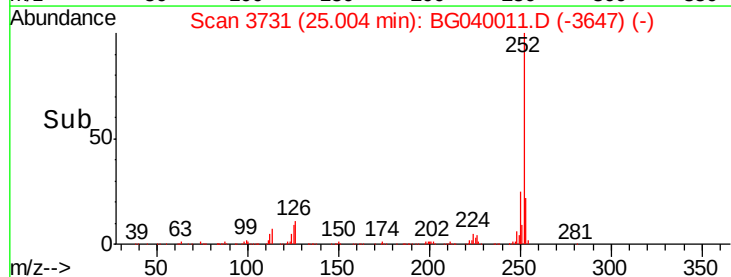
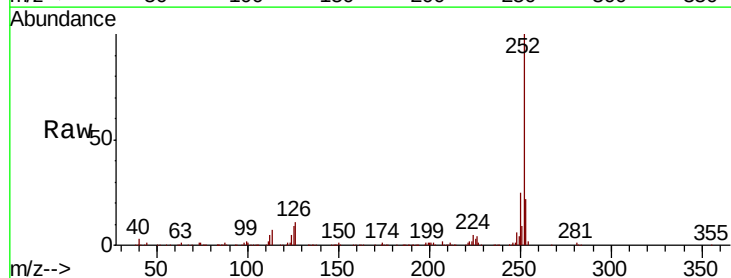
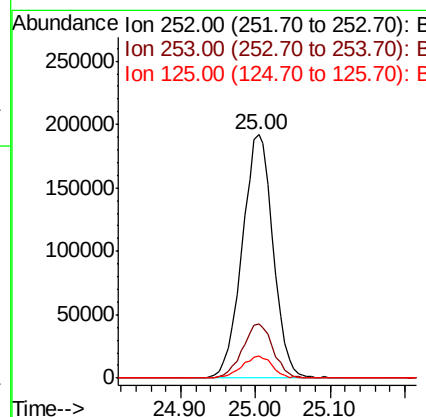
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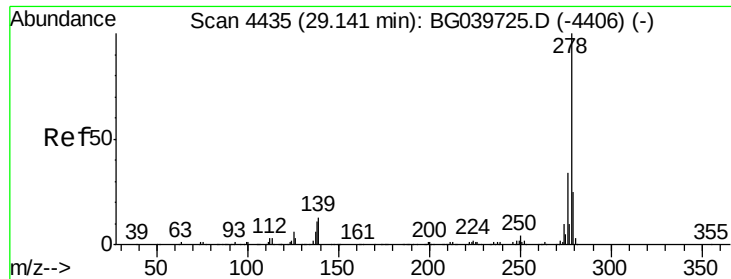
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#90
Benzo(a)pyrene
Concen: 32.915 ng
RT: 25.00 min Scan# 3731
Delta R.T. -0.04 min
Lab File: BG040011.D
Acq: 19 Mar 2019 20:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	9.3	8.3	12.5





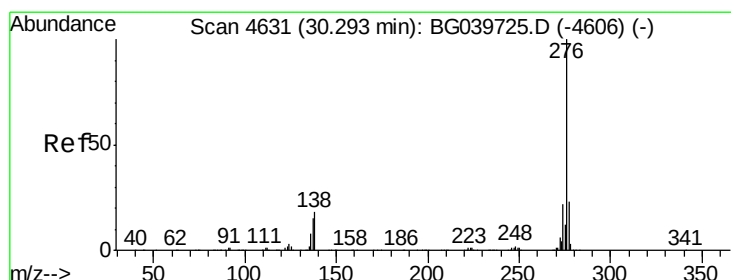
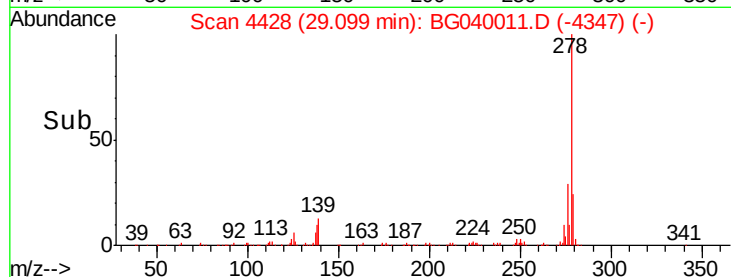
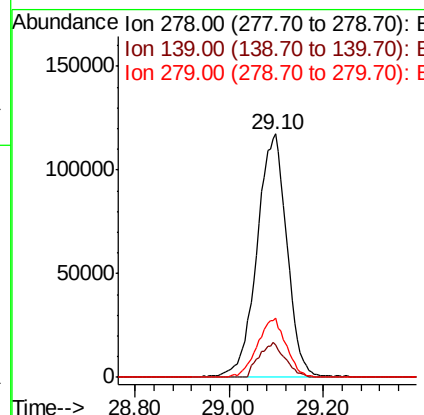
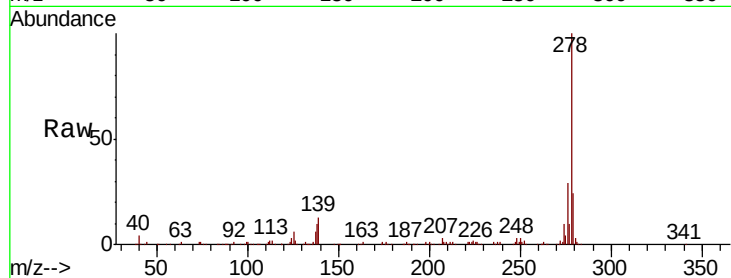
#91
Dibenzo(a,h)anthracene
Concen: 31.719 ng
RT: 29.10 min Scan# 4428
Delta R.T. -0.05 min
Lab File: BG040011.D
Acq: 19 Mar 2019 20:38

Instrument :
BNA_G
ClientSampleId :
TP-3MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.1	11.7	17.5
279	24.2	19.1	28.7

Manual Integrations
APPROVED

Sohil
3/20/2019 4:59:17 PM



#92
Benzo(g,h,i)perylene
Concen: 32.210 ng
RT: 30.24 min Scan# 4623
Delta R.T. -0.07 min
Lab File: BG040011.D
Acq: 19 Mar 2019 20:38

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.6	29.4
138	16.1	14.7	22.1

