

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031919\
 Data File : BG040033.D
 Acq On : 20 Mar 2019 11:13
 Operator : JU/SJ
 Sample : K1956-04MSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-7MSD

Manual Integrations
 APPROVED

Sohil
 3/20/2019 4:59:29 PM

Quant Time: Mar 20 14:26:21 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	8.15	152	40463	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	174386	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	125411	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	318256	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	308499	20.00	ng	-0.02
87) Perylene-d12	25.16	264	317390	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	315849	133.17	ng	-0.02
7) Phenol-d6	7.29	99	423997	119.89	ng	-0.02
23) Nitrobenzene-d5	9.32	82	310035	96.15	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	216230	147.92	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	724461	82.25	ng	-0.02
79) Terphenyl-d14	20.11	244	1259678	89.91	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.59	88	32041	29.261	ng	# 4
3) Pyridine	3.99	79	90201	30.770	ng	97
4) n-Nitrosodimethylamine	3.90	42	55139	39.649	ng	# 94
6) Aniline	7.47	93	48402	10.447	ng	96
8) 2-Chlorophenol	7.70	128	123639	42.969	ng	96
9) Benzaldehyde	7.28	77	43442	19.043	ng	95
10) Phenol	7.32	94	146912	38.347	ng	97
11) bis(2-Chloroethyl)ether	7.56	93	123135	41.223	ng	99
12) 1,3-Dichlorobenzene	8.03	146	123526	37.958	ng	98
13) 1,4-Dichlorobenzene	8.18	146	127051	38.328	ng	98
14) 1,2-Dichlorobenzene	8.50	146	121238	37.855	ng	98
15) Benzyl Alcohol	8.39	79	126924	45.244	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.66	45	246410	41.246	ng	99
17) 2-Methylphenol	8.58	107	110893	45.394	ng	98
18) Hexachloroethane	9.23	117	44551	37.457	ng	99
19) n-Nitroso-di-n-propylamine	8.94	70	107013	42.040	ng	93
20) 3+4-Methylphenols	8.91	107	154195	45.435	ng	97
22) Acetophenone	8.97	105	199507	42.625	ng	# 95
24) Nitrobenzene	9.37	77	158013	46.714	ng	99
25) Isophorone	9.88	82	321460	47.581	ng	100
26) 2-Nitrophenol	10.07	139	74830	45.819	ng	96
27) 2,4-Dimethylphenol	10.12	122	134245	52.852	ng	90
28) bis(2-Chloroethoxy)methane	10.36	93	183566	44.710	ng	96
29) 2,4-Dichlorophenol	10.61	162	148188	51.818	ng	93
30) 1,2,4-Trichlorobenzene	10.82	180	138346	42.991	ng	99
31) Naphthalene	11.02	128	406399	44.016	ng	99
32) Benzoic acid	10.20	122	6263m	9.696	ng	
33) 4-Chloroaniline	11.14	127	8001	2.044	ng	95
34) Hexachlorobutadiene	11.27	225	88395	40.198	ng	98
35) Caprolactam	11.91	113	38963m	35.666	ng	
36) 4-Chloro-3-methylphenol	12.23	107	167794	51.184	ng	98
37) 2-Methylnaphthalene	12.61	142	311574	45.137	ng	99
38) 1-Methylnaphthalene	12.83	142	301273	44.911	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	175180	41.232	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	212702	93.419	nq	100
43) 2,4,6-Trichlorophenol	13.21	196	123768	49.759	nq	99
44) 2,4,5-Trichlorophenol	13.28	196	137540	49.056	nq	98
46) 1,1'-Biphenyl	13.60	154	431787	41.861	nq	99
47) 2-Chloronaphthalene	13.66	162	332823	42.891	nq	98
48) 2-Nitroaniline	13.87	65	125953	50.507	nq	99
49) Acenaphthylene	14.50	152	548735	43.077	nq	99
50) Dimethylphthalate	14.22	163	481549	45.920	nq	99
51) 2,6-Dinitrotoluene	14.35	165	106664	47.979	nq	95
52) Acenaphthene	14.84	154	335450	43.752	nq	98
53) 3-Nitroaniline	14.68	138	14224	6.365	nq #	86
54) 2,4-Dinitrophenol	14.89	184	34950	28.547	nq	94
55) Dibenzofuran	15.17	168	560243	44.537	nq	100
56) 4-Nitrophenol	14.98	139	153167	76.617	nq	94
57) 2,4-Dinitrotoluene	15.14	165	155960	49.927	nq	91
58) Fluorene	15.81	166	446285	45.130	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	138536	50.594	nq	98
60) Diethylphthalate	15.57	149	497366	47.911	nq	97
61) 4-Chlorophenyl-phenylether	15.80	204	236686	44.853	nq	98
62) 4-Nitroaniline	15.85	138	103883	42.879	nq	97
63) Azobenzene	16.09	77	448634	47.675	nq	99
65) 4,6-Dinitro-2-methylphenol	15.89	198	43959	23.361	nq	97
66) n-Nitrosodiphenylamine	16.02	169	417782	45.344	nq	98
67) 4-Bromophenyl-phenylether	16.69	248	158406	44.467	nq	95
68) Hexachlorobenzene	16.81	284	161223	43.661	nq	96
69) Atrazine	16.96	200	168855	46.566	nq	98
70) Pentachlorophenol	17.16	266	160888	68.989	nq	98
71) Phenanthrene	17.56	178	773804	44.142	nq	98
72) Anthracene	17.65	178	774912	45.362	nq	97
73) Carbazole	17.92	167	678930	44.086	nq	99
74) Di-n-butylphthalate	18.45	149	830647	45.843	nq	99
75) Fluoranthene	19.56	202	913597	44.098	nq	99
77) Benzidine	19.74	184	47562	4.858	nq	98
78) Pyrene	19.92	202	914861	45.637	nq	99
80) Butylbenzylphthalate	20.78	149	379729	48.893	nq	98
81) Benzo(a)anthracene	21.78	228	859975	44.479	nq	100
82) 3,3'-Dichlorobenzidine	21.69	252	76909	10.895	nq	96
83) Chrysene	21.85	228	821699	43.837	nq	99
84) Bis(2-ethylhexyl)phthalate	21.64	149	529114	48.481	nq	99
85) Di-n-octyl phthalate	22.89	149	895460	49.553	nq	97
86) Indeno(1,2,3-cd)pyrene	29.02	276	992812	46.689	nq #	96
88) Benzo(b)fluoranthene	24.08	252	866740	45.795	nq	97
89) Benzo(k)fluoranthene	24.16	252	842090	47.798	nq	99
90) Benzo(a)pyrene	25.00	252	838492	47.943	nq	99
91) Dibenzo(a,h)anthracene	29.09	278	802322	46.794	nq	98
92) Benzo(g,h,i)perylene	30.24	276	815831	47.377	nq	98

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

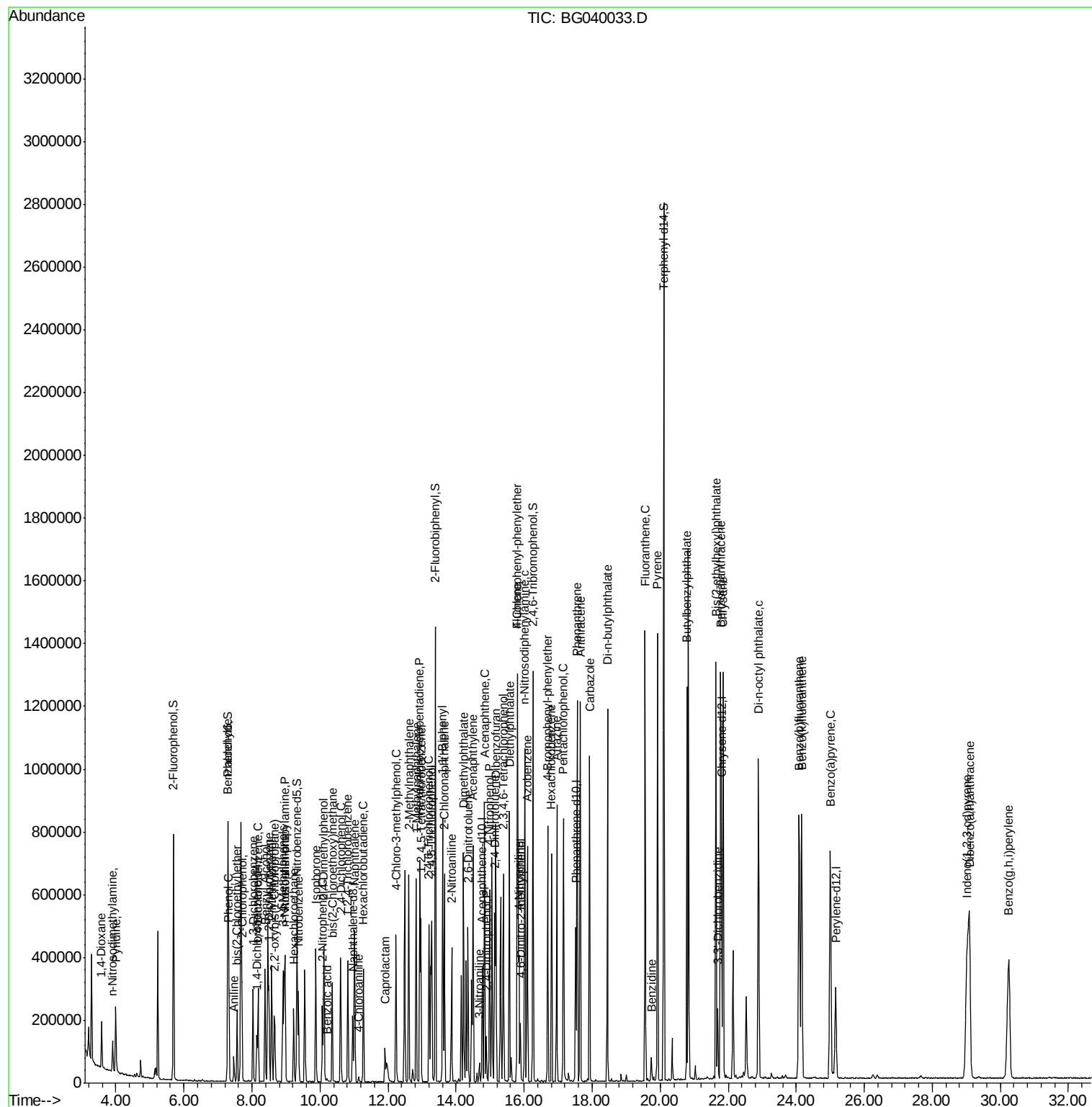
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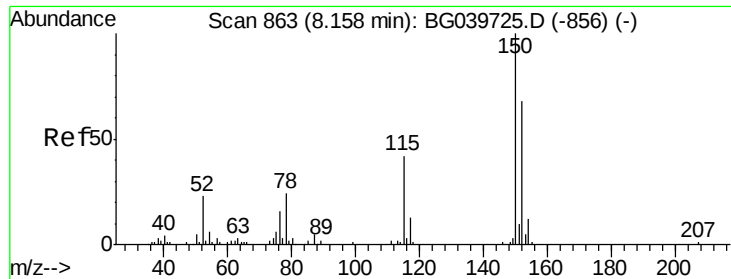
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#1

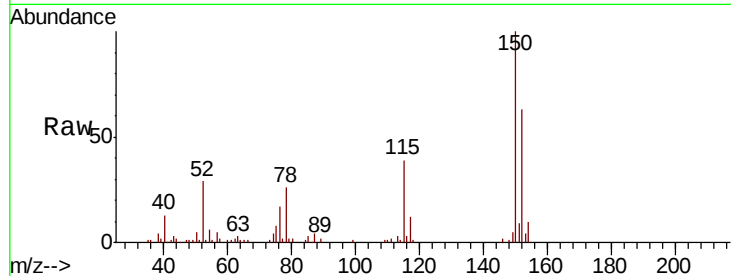
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BG040033.D
Acq: 20 Mar 2019 11:13

Instrument :
BNA_G
ClientSampled :
TP-7MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.4	123.7	185.5
115	61.4	45.9	68.9

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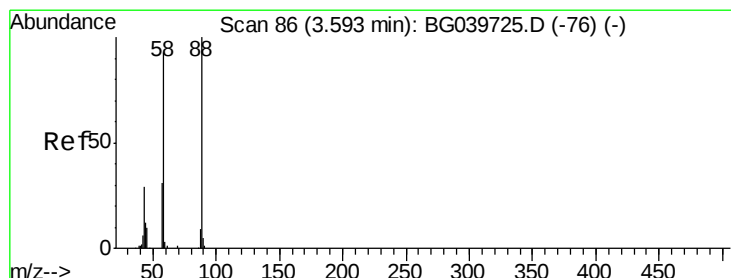
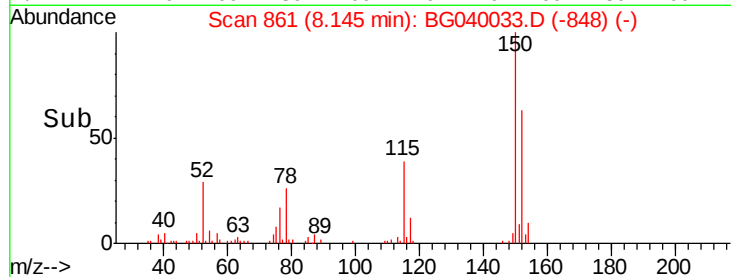
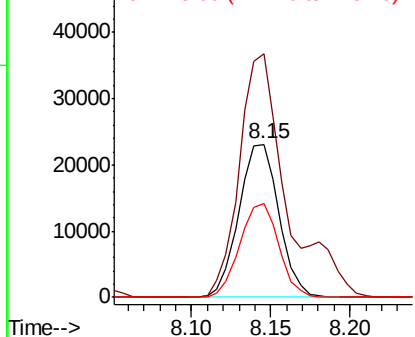


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

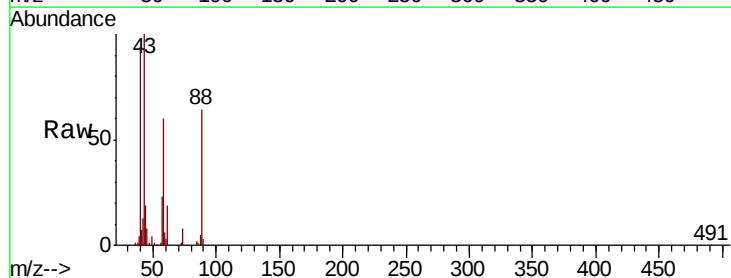
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 29.261 ng
RT: 3.59 min Scan# 85
Delta R.T. -0.02 min
Lab File: BG040033.D
Acq: 20 Mar 2019 11:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	100.4	81.1	121.7
43	248.3	31.4	47.0

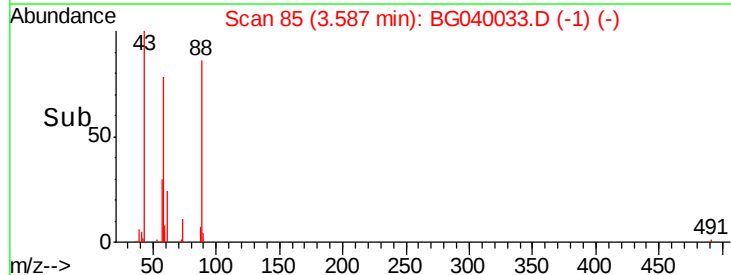
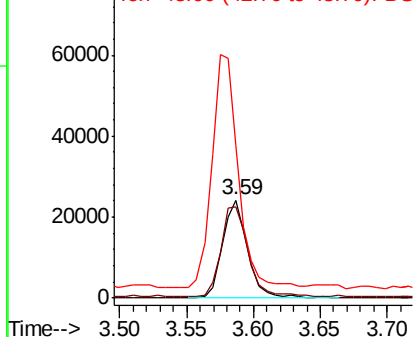


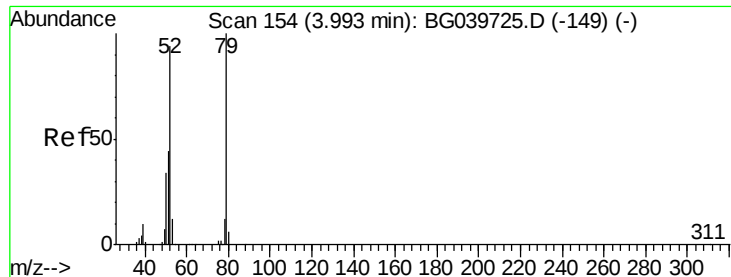
Abundance

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: 30.770 ng

RT: 3.99 min Scan# 154

Delta R.T. -0.01 min

Lab File: BG040033.D

Acq: 20 Mar 2019 11:13

Instrument :

BNA_G

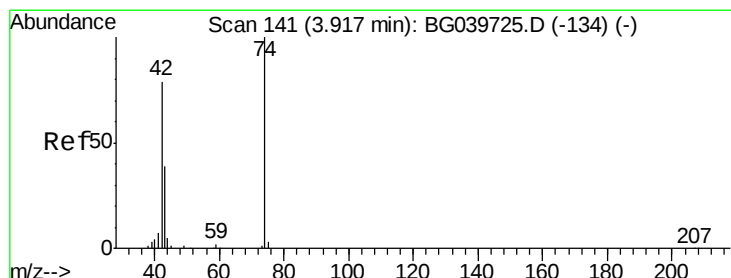
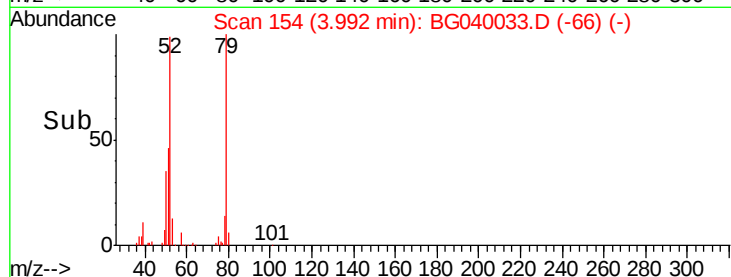
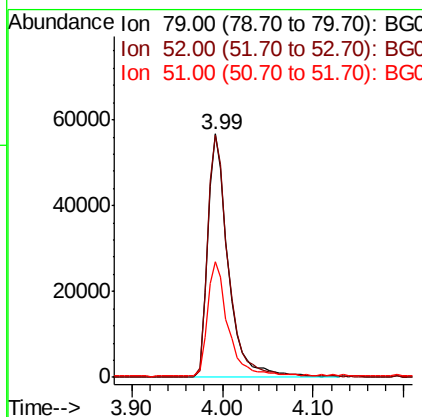
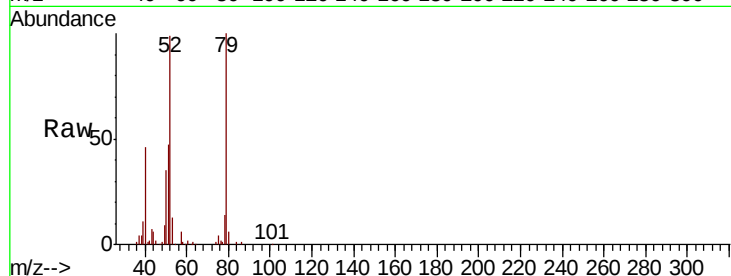
ClientSampleId :

TP-7MSD

Tot Ion:	79	Resp:	90201
Ion Ratio	Lower	Upper	
79	100		
52	99.5	82.6	124.0
51	47.2	37.5	56.3

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#4

n-Nitrosodimethylamine

Concen: 39.649 ng

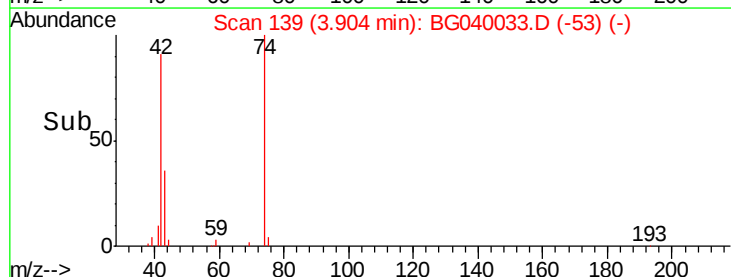
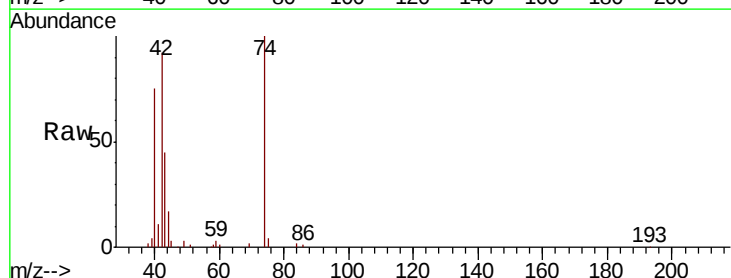
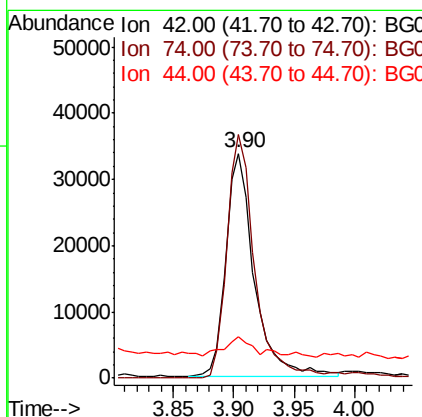
RT: 3.90 min Scan# 139

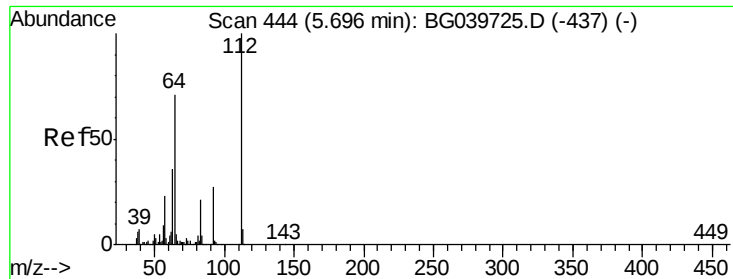
Delta R.T. -0.02 min

Lab File: BG040033.D

Acq: 20 Mar 2019 11:13

Tgt Ion:	42	Resp:	55139
Ion Ratio	Lower	Upper	
42	100		
74	108.3	83.6	125.4
44	18.3	6.9	10.3#





#5

2-Fluorophenol

Concen: 133.169 ng

RT: 5.69 min Scan# 443

Delta R.T. -0.02 min

Lab File: BG040033.D

Acq: 20 Mar 2019 11:13

Instrument :

BNA_G

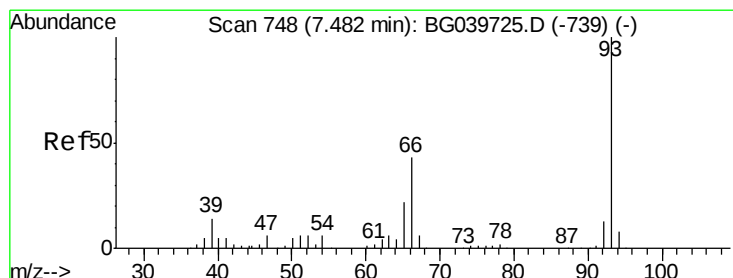
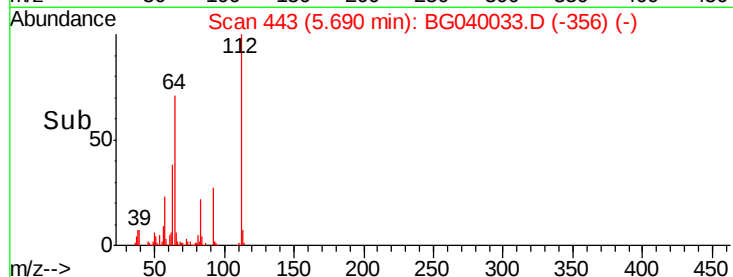
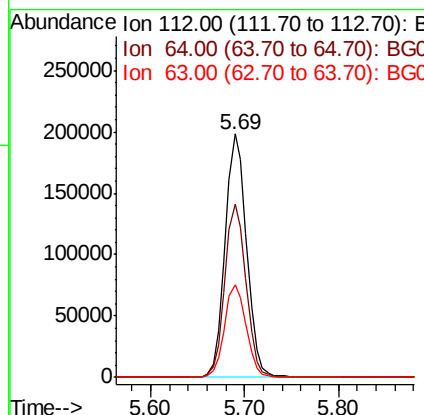
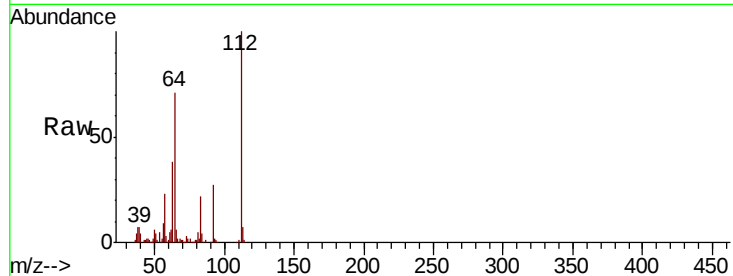
ClientSampled :

TP-7MSD

Tot Ion:	112	Resp:	315849
Ion Ratio	Lower	Upper	
112	100		
64	70.9	57.8	86.8
63	38.2	29.8	44.6

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#6

Aniline

Concen: 10.447 ng

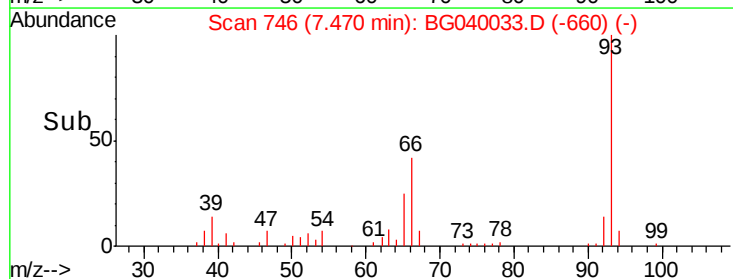
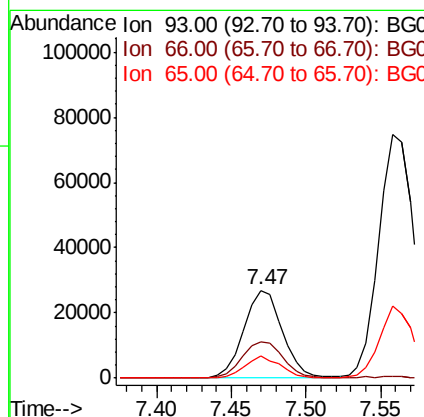
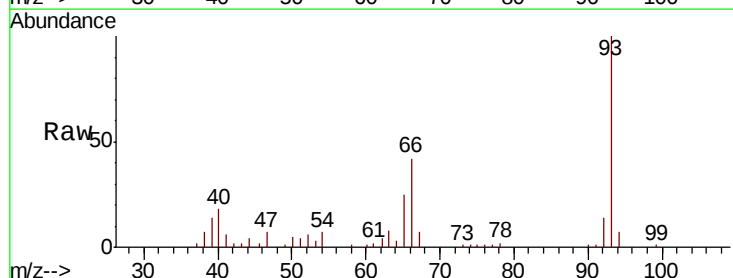
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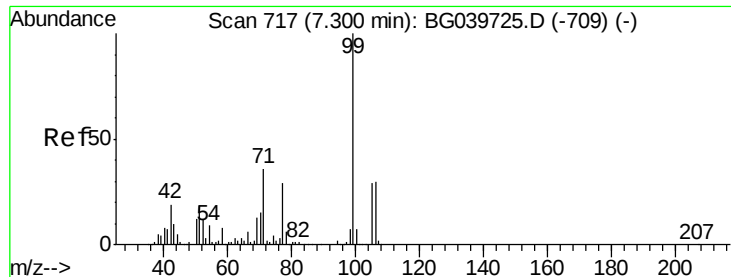
Delta R.T. -0.02 min

Lab File: BG040033.D

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Tgt Ion:	93	Resp:	48402
Ion Ratio	Lower	Upper	
93	100		
66	41.5	34.2	51.4
65	25.4	17.7	26.5





#7

Phenol-d6

Concen: 119.892 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG040033.D

Acq: 20 Mar 2019 11:13

Instrument :

BNA_G

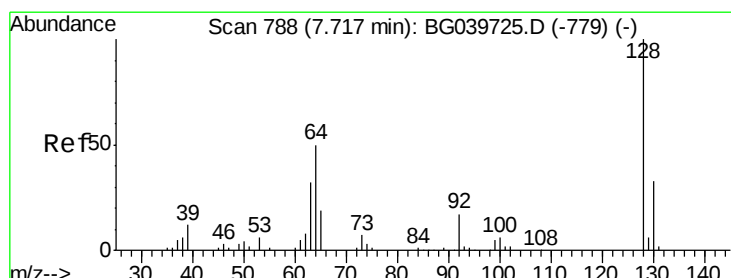
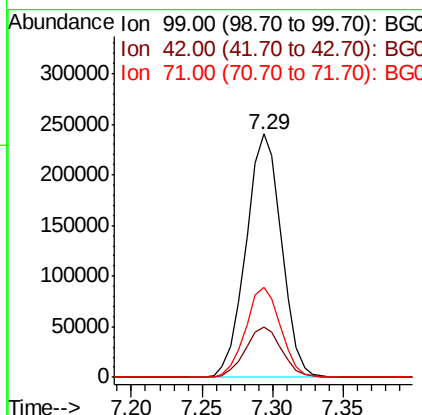
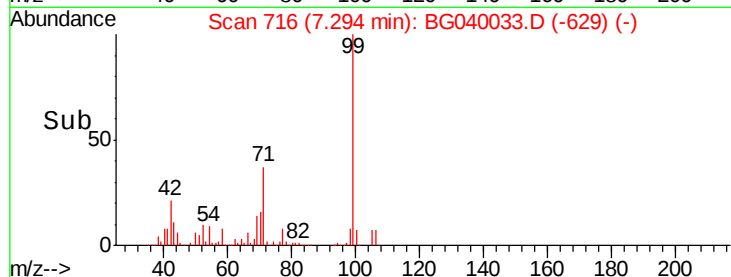
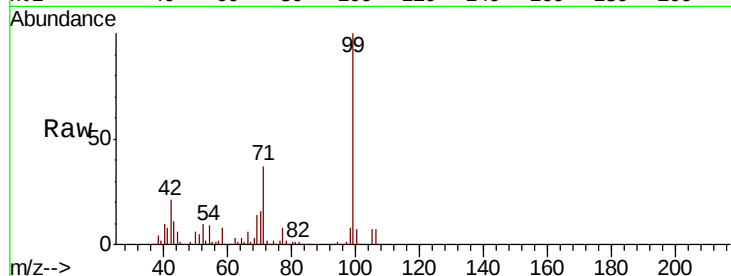
ClientSampleId :

TP-7MSD

Tot Ion:	99	Resp:	423997
Ion	Ratio	Lower	Upper
99	100		
42	20.9	18.2	27.2
71	36.8	28.0	42.0

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#8

2-Chlorophenol

Concen: 42.969 ng

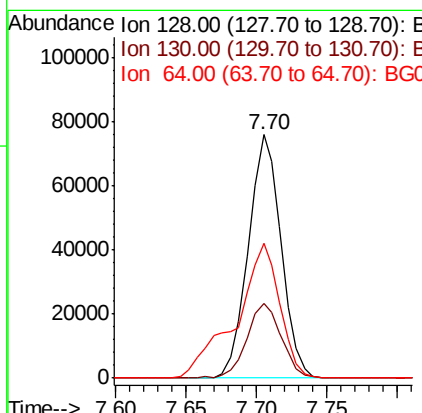
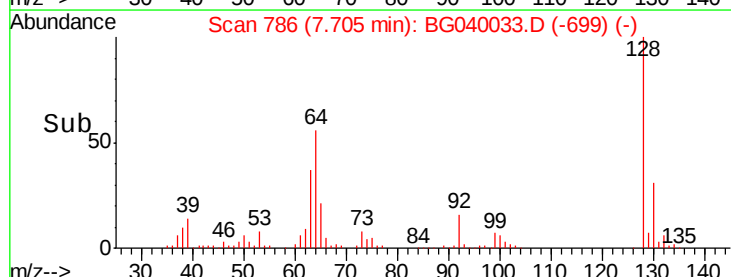
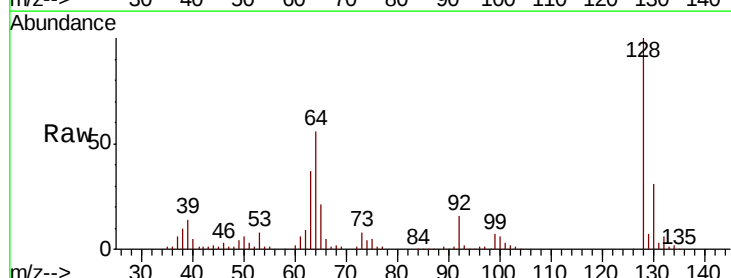
RT: 7.70 min Scan# 786

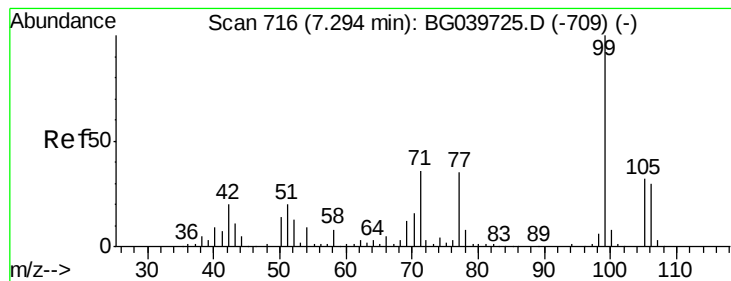
Delta R.T. -0.02 min

Lab File: BG040033.D

Acq: 20 Mar 2019 11:13

Tgt Ion:	128	Resp:	123639
Ion	Ratio	Lower	Upper
128	100		
130	30.6	12.9	52.9
64	55.5	38.7	78.7





#9

Benzaldehyde

Concen: 19.043 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.02 min

Lab File: BG040033.D

Acq: 20 Mar 2019 11:13

Instrument :

BNA_G

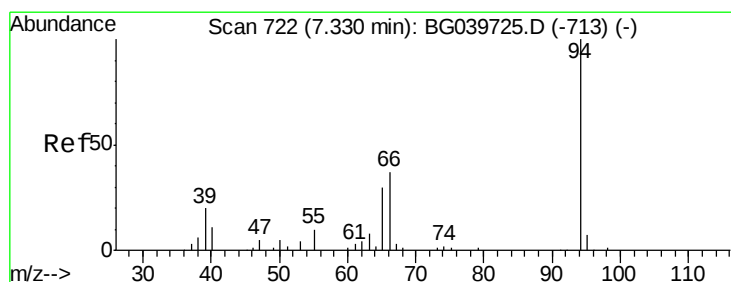
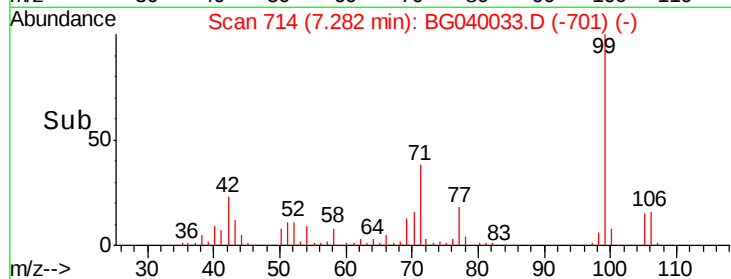
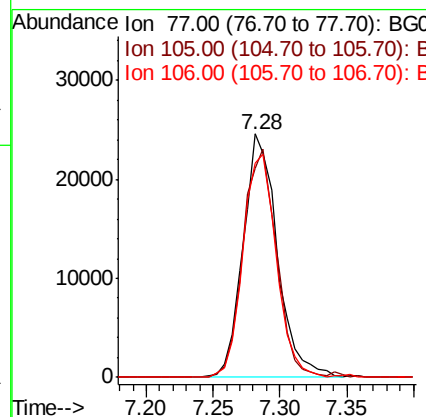
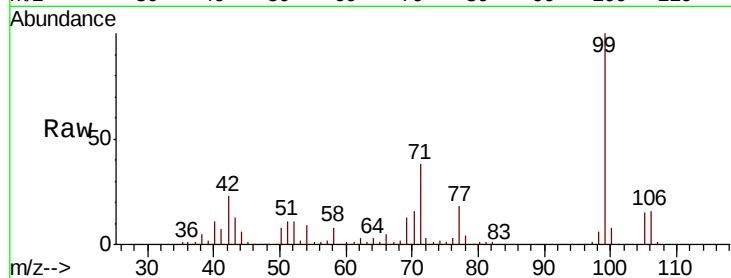
ClientSampled :

TP-7MSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	86.1	74.5	114.5	
106	88.1	68.0	108.0	

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#10

Phenol

Concen: 38.347 ng

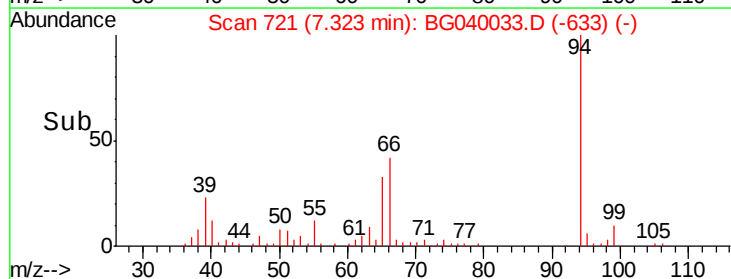
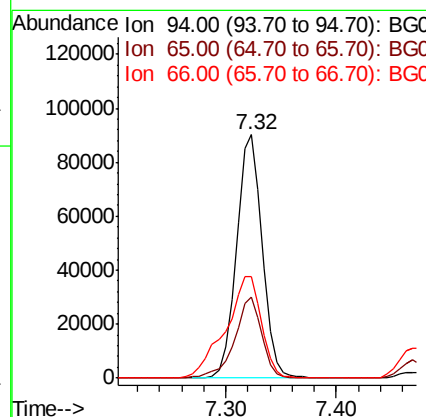
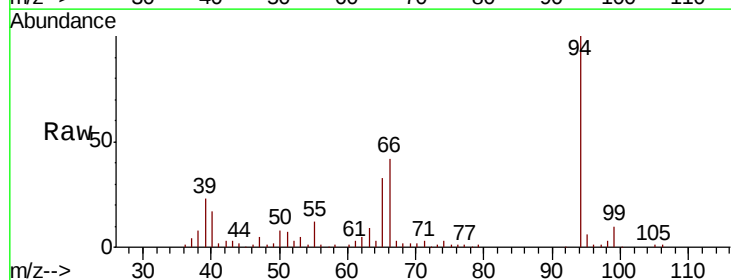
RT: 7.32 min Scan# 721

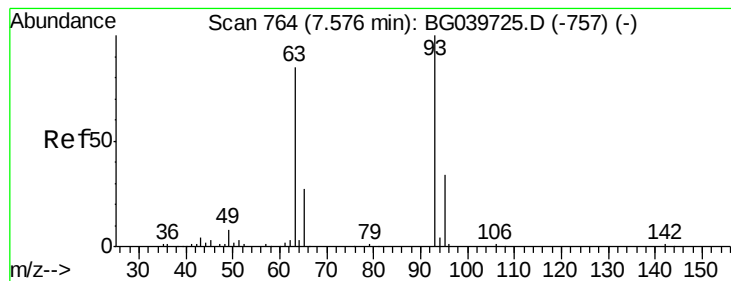
Delta R.T. -0.01 min

Lab File: BG040033.D

Acq: 20 Mar 2019 11:13

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	33.5	11.7	51.7	
66	41.9	23.7	63.7	





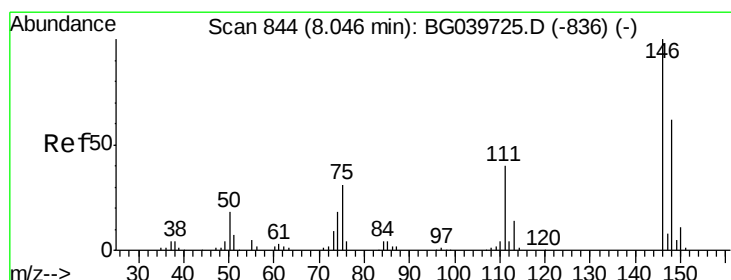
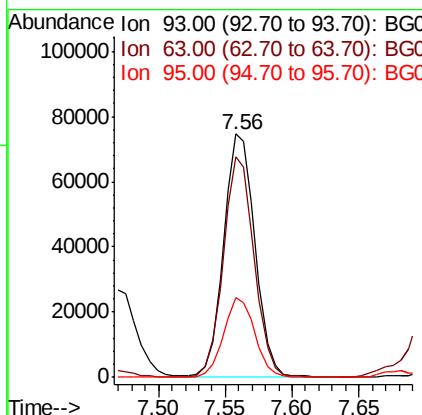
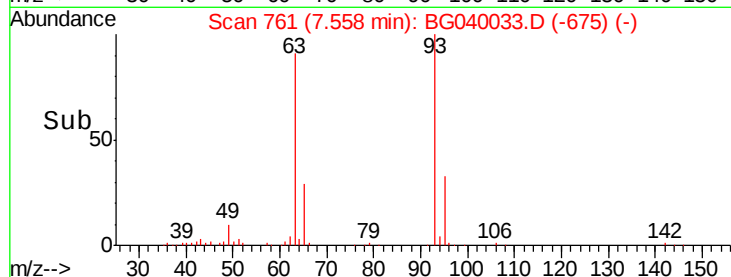
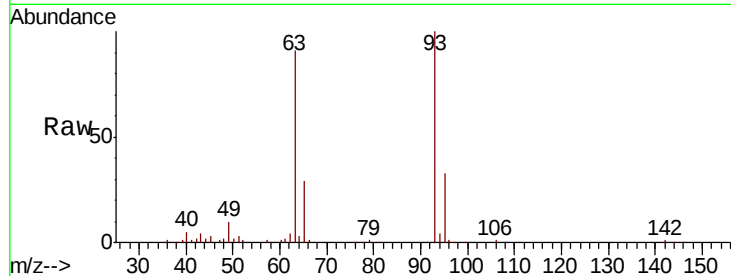
#11
 bis(2-Chloroethyl)ether
 Concen: 41.223 ng
 RT: 7.56 min Scan# 761
 Delta R.T. -0.02 min
 Lab File: BG040033.D
 Acq: 20 Mar 2019 11:13

Instrument :
 BNA_G
 ClientSampleId :
 TP-7MSD

Tot Ion:	93	Resp:	123135
Ion Ratio	Lower	Upper	
93	100		
63	90.5	69.5	109.5
95	32.9	12.7	52.7

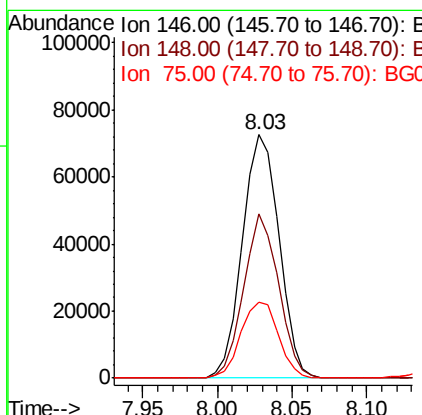
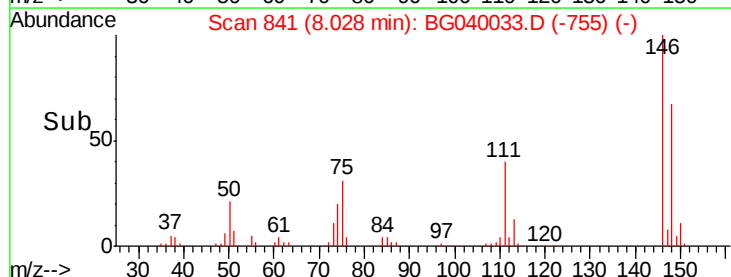
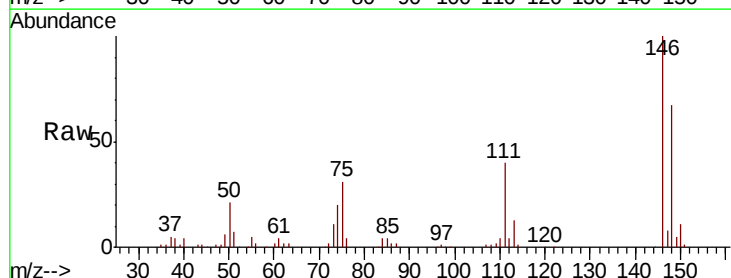
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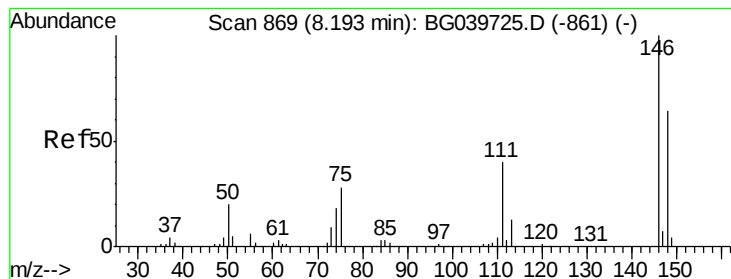
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#12
 1,3-Dichlorobenzene
 Concen: 37.958 ng
 RT: 8.03 min Scan# 841
 Delta R.T. -0.02 min
 Lab File: BG040033.D
 Acq: 20 Mar 2019 11:13

Tgt Ion:	146	Resp:	123526
Ion Ratio	Lower	Upper	
146	100		
148	67.3	52.6	79.0
75	31.4	25.8	38.6





#13

1,4-Dichlorobenzene

Concen: 38.328 ng

RT: 8.18 min Scan# 867

Delta R.T. -0.02 min

Lab File: BG040033.D

Acq: 20 Mar 2019 11:13

Instrument :

BNA_G

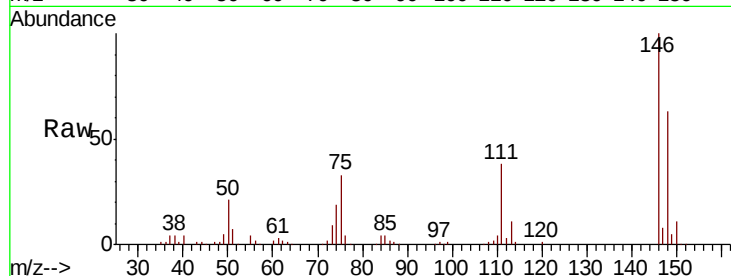
ClientSampled :

TP-7MSD

Tot Ion:	146	Resp:	127051
Ion Ratio	Lower	Upper	
146	100		
148	62.9	51.1	76.7
111	38.0	32.6	48.8

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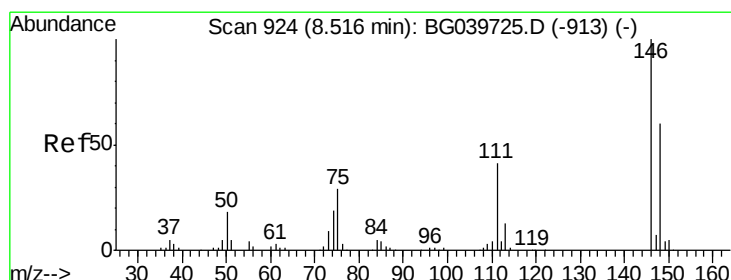
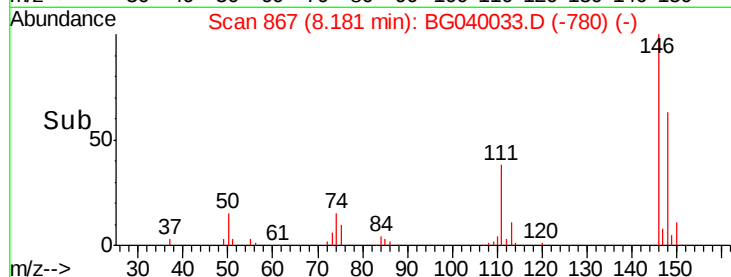
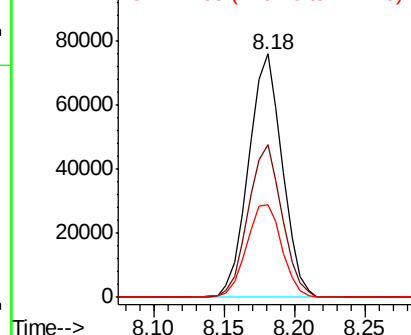


Abundance

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: 37.855 ng

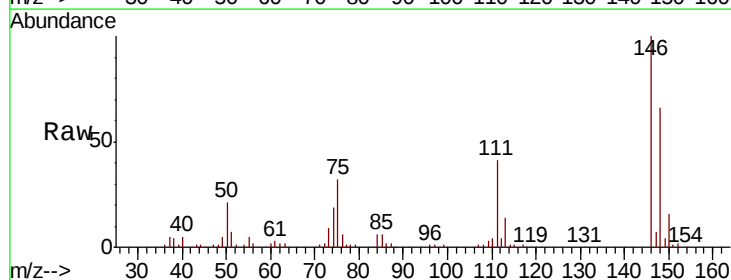
RT: 8.50 min Scan# 921

Delta R.T. -0.02 min

Lab File: BG040033.D

Acq: 20 Mar 2019 11:13

Tgt Ion:	146	Resp:	121238
Ion Ratio	Lower	Upper	
146	100		
148	65.5	51.5	77.3
111	40.9	33.8	50.6

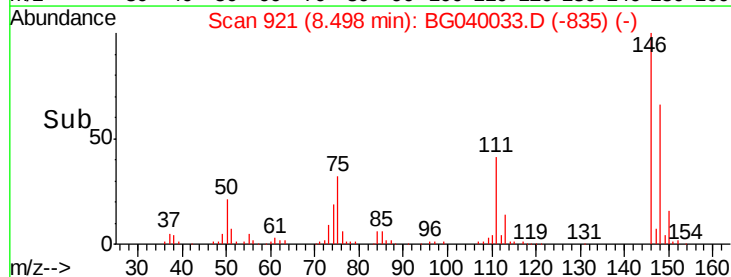
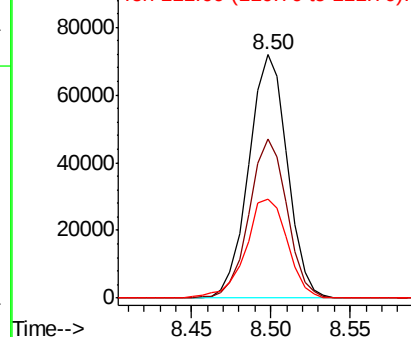


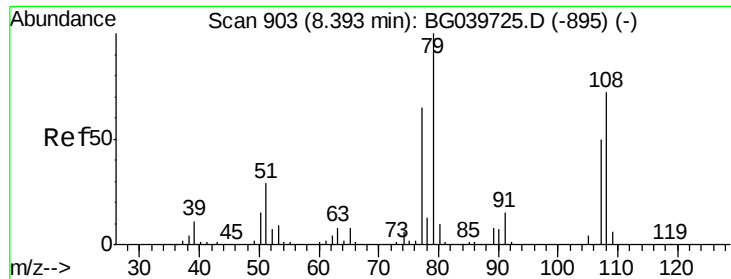
Abundance

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: 45.244 ng

RT: 8.39 min Scan# 902

Delta R.T. -0.02 min

Lab File: BG040033.D

Acq: 20 Mar 2019 11:13

Instrument :

BNA_G

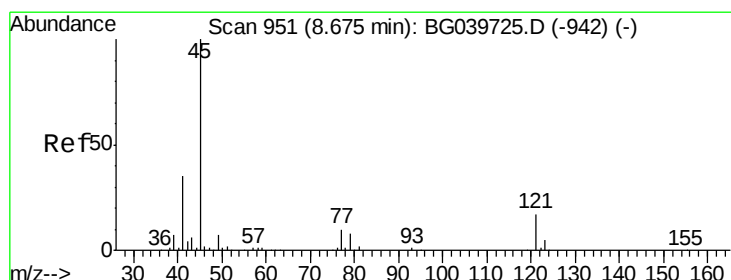
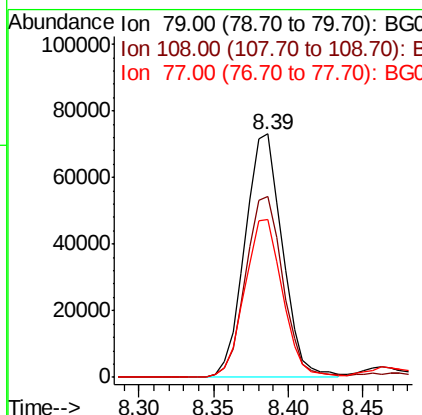
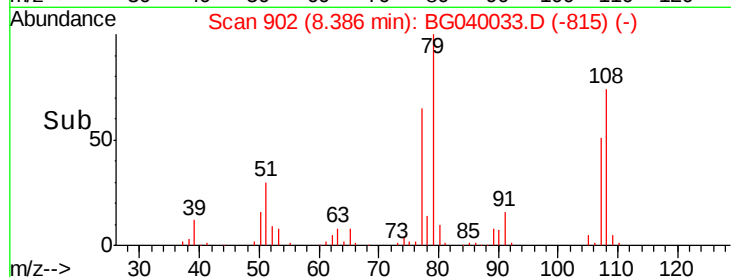
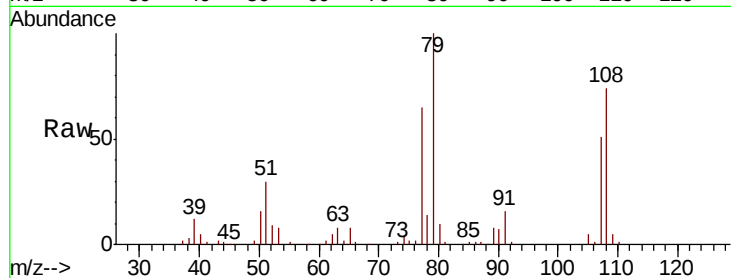
ClientSampled :

TP-7MSD

Tot Ion:	79	Resp:	126924
Ion	Ratio	Lower	Upper
79	100		
108	74.2	57.8	86.6
77	64.9	51.1	76.7

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.246 ng

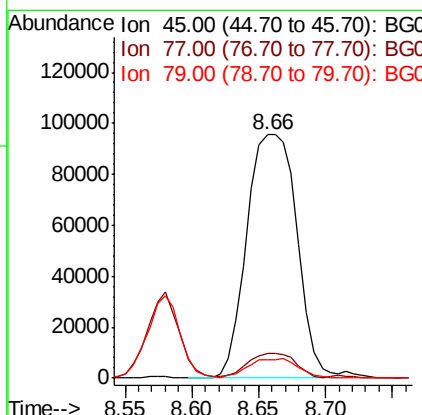
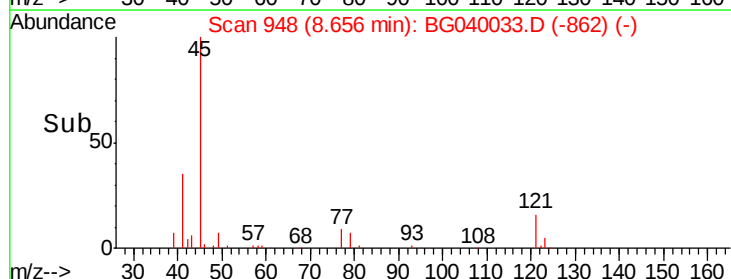
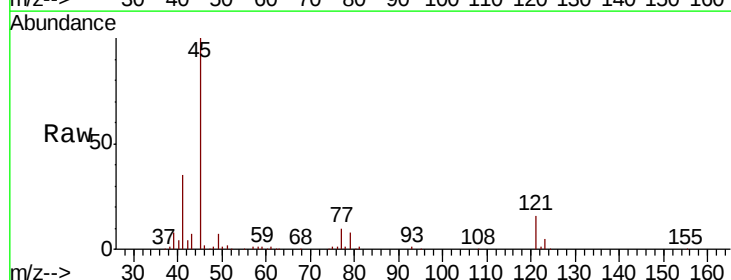
RT: 8.66 min Scan# 948

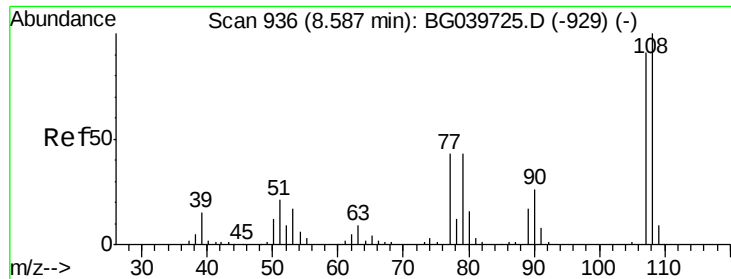
Delta R.T. -0.02 min

Lab File: BG040033.D

Acq: 20 Mar 2019 11:13

Tgt Ion:	45	Resp:	246410
Ion	Ratio	Lower	Upper
45	100		
77	10.3	0.0	30.0
79	7.7	0.0	27.5





#17

2-Methylphenol

Concen: 45.394 ng

RT: 8.58 min Scan# 935

Delta R.T. -0.02 min

Lab File: BG040033.D

Acq: 20 Mar 2019 11:13

Instrument :

BNA_G

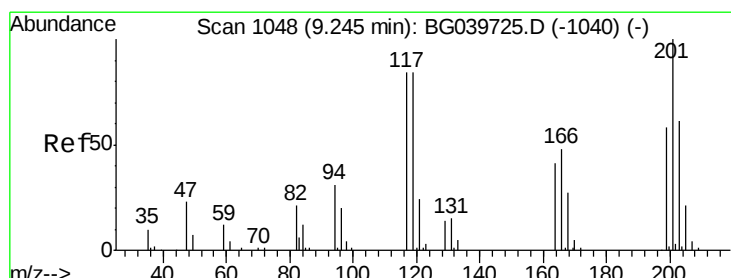
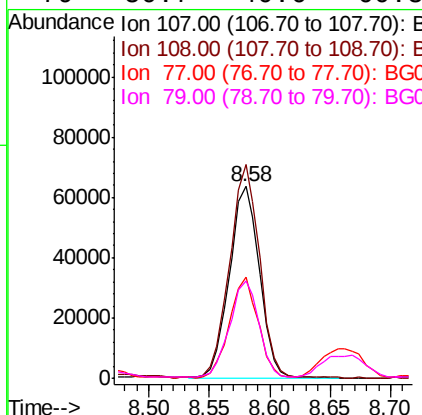
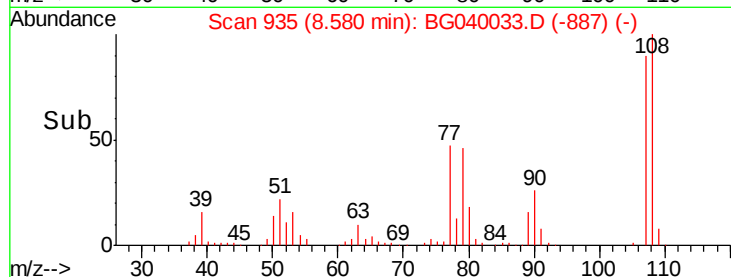
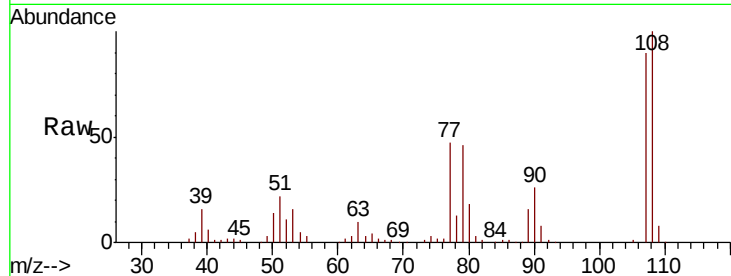
ClientSampled :

TP-7MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.5	90.8	136.2	
77	52.8	40.7	61.1	
79	50.7	40.6	60.8	

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#18

Hexachloroethane

Concen: 37.457 ng

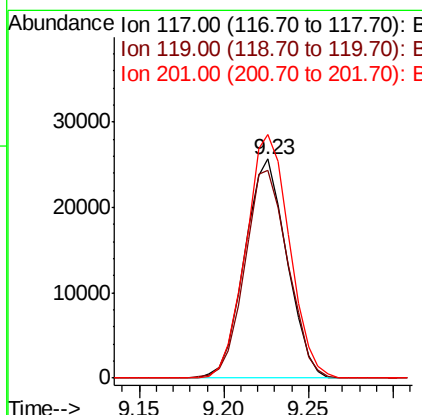
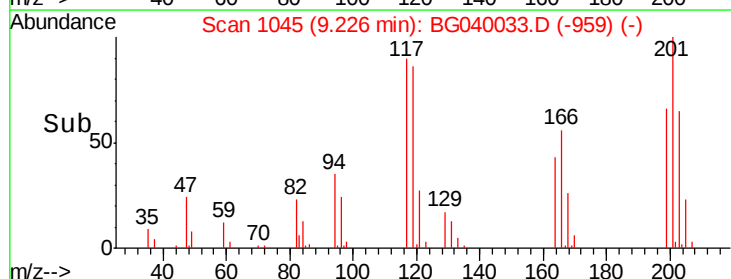
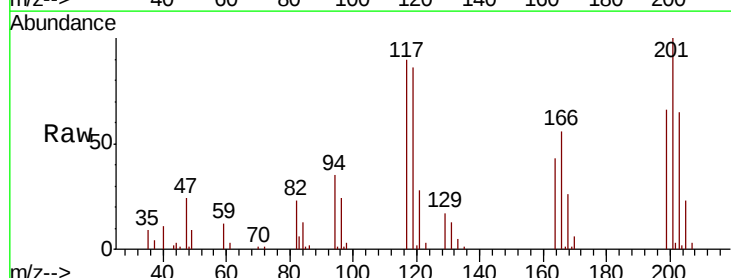
RT: 9.23 min Scan# 1045

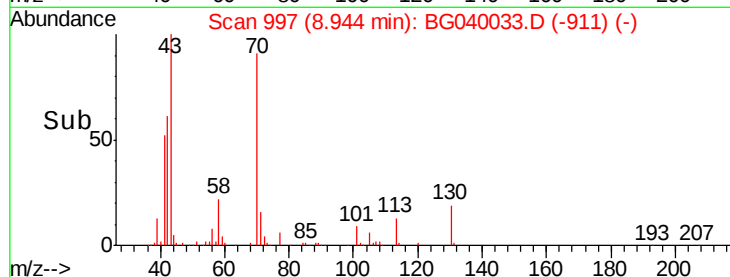
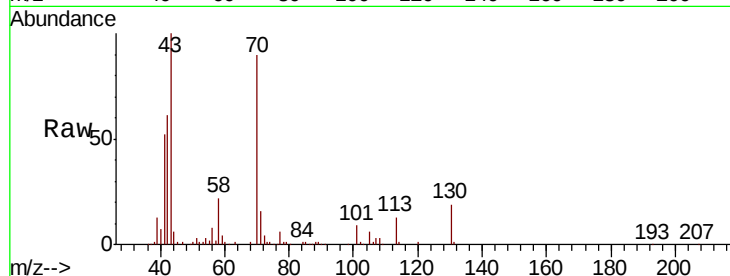
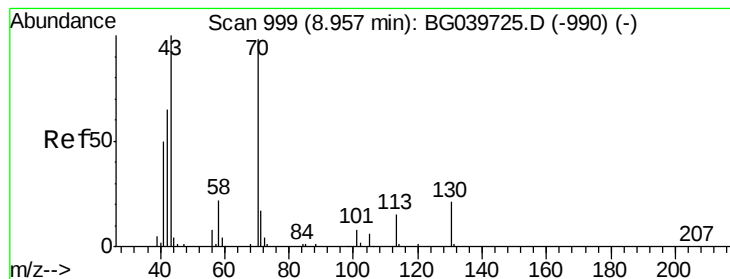
Delta R.T. -0.02 min

Lab File: BG040033.D

Acq: 20 Mar 2019 11:13

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.2	76.3	114.5	
201	111.3	91.1	136.7	





#19

n-Nitroso-di-n-propylamine

Concen: 42.040 ng

RT: 8.94 min Scan# 997

Delta R.T. -0.02 min

Lab File: BG040033.D

Acq: 20 Mar 2019 11:13

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	67.9	60.4	90.6	
101	10.2	7.5	11.3	
130	21.3	16.9	25.3	

Instrument :

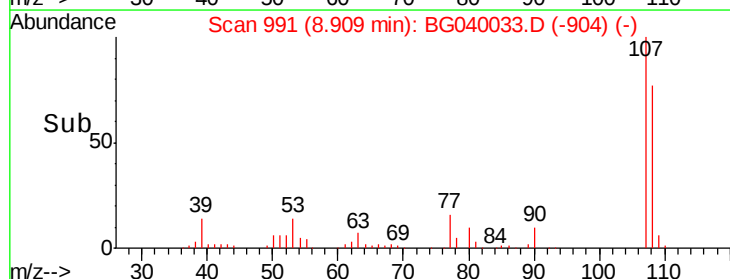
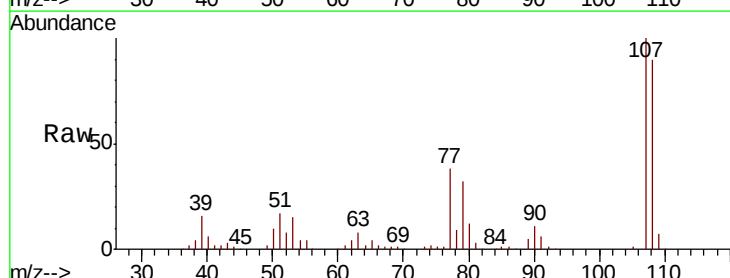
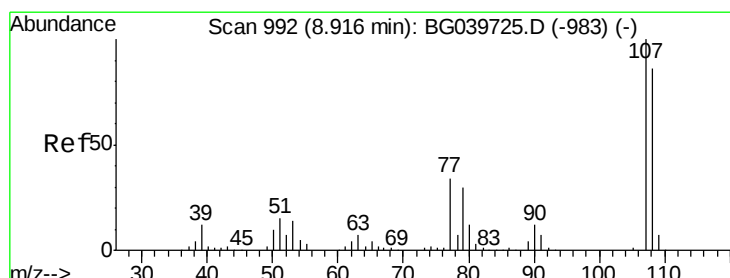
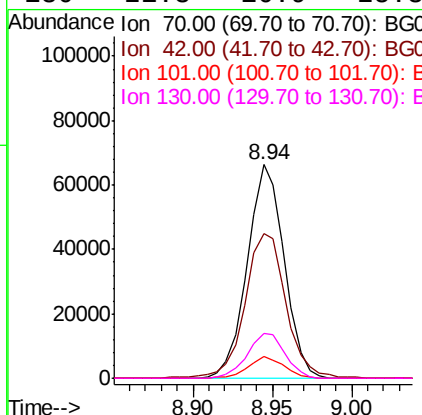
BNA_G

ClientSampled :

TP-7MSD

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#20

3+4-Methylphenols

Concen: 45.435 ng

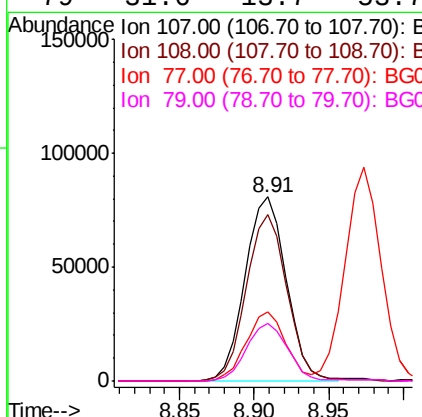
RT: 8.91 min Scan# 991

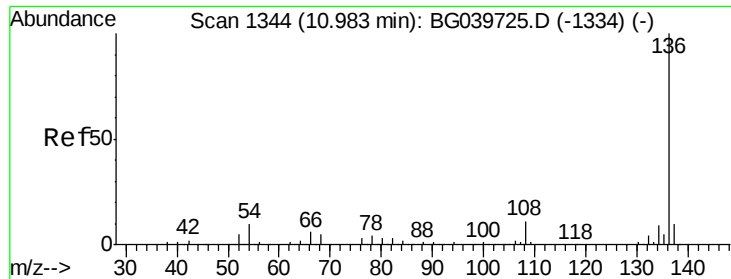
Delta R.T. -0.02 min

Lab File: BG040033.D

Acq: 20 Mar 2019 11:13

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.0	67.9	107.9	
77	37.8	15.4	55.4	
79	31.6	13.7	53.7	





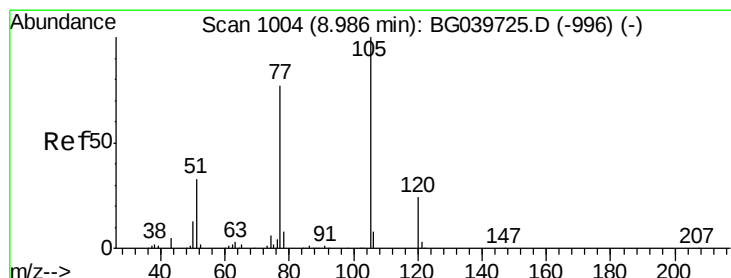
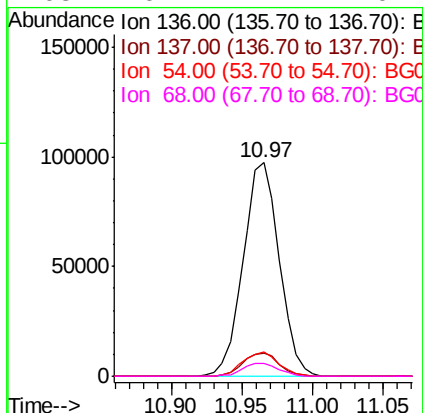
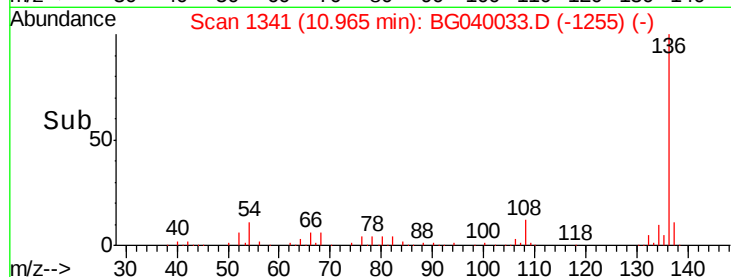
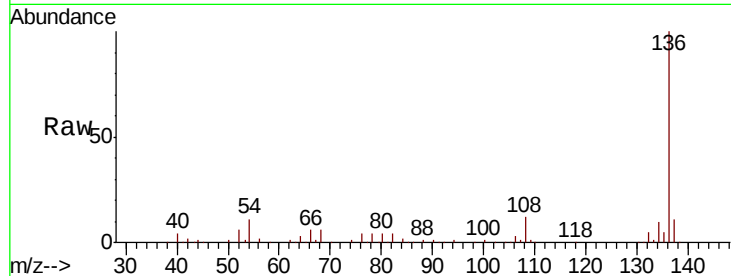
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG040033.D
Acq: 20 Mar 2019 11:13

Instrument :
BNA_G
ClientSampleId :
TP-7MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	174386		
137	11.0		9.1	13.7
54	11.1		9.4	14.2
68	6.2		4.2	6.4

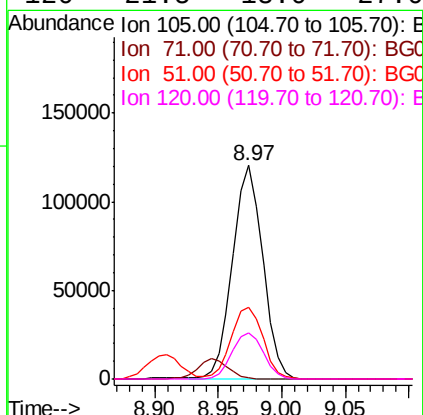
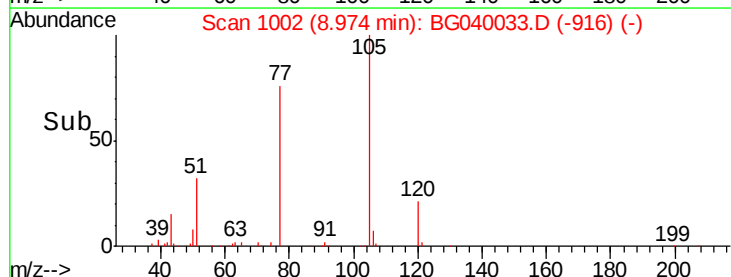
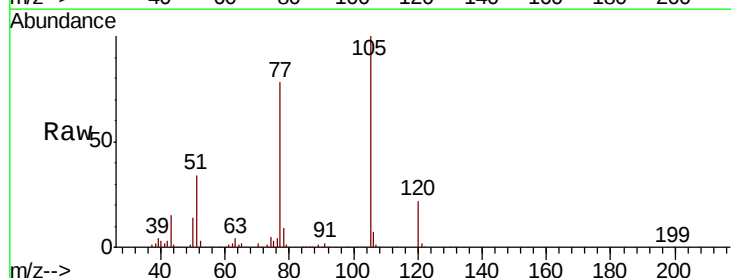
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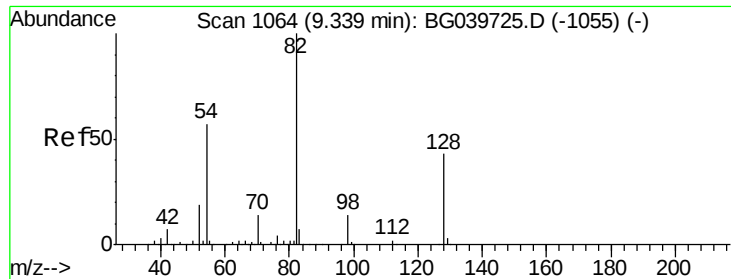
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#22
Acetophenone
Concen: 42.625 ng
RT: 8.97 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG040033.D
Acq: 20 Mar 2019 11:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	199507		
71	0.4		0.8	1.2#
51	33.8		30.2	45.2
120	21.5		18.0	27.0





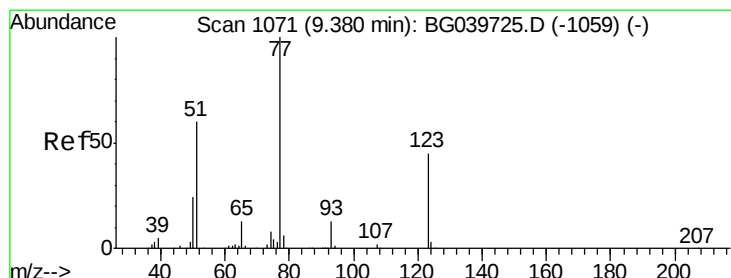
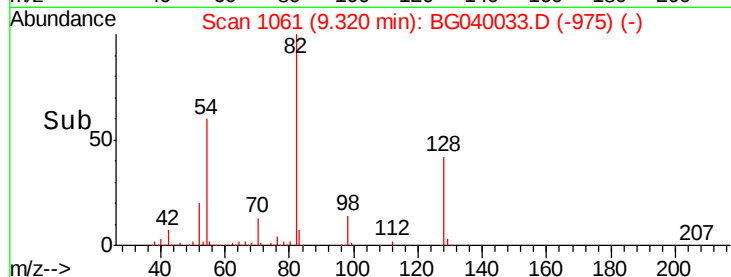
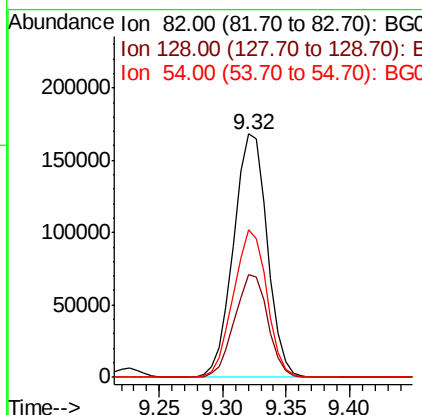
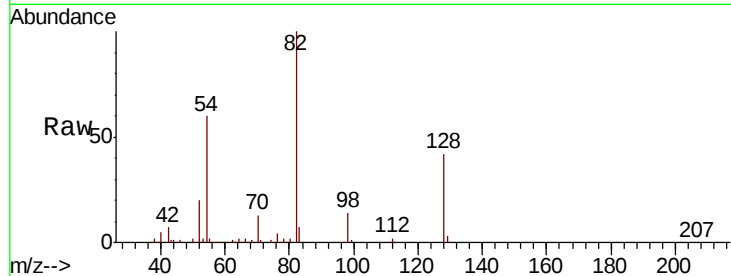
#23
 Nitrobenzene-d5
 Concen: 96.154 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG040033.D
 Acq: 20 Mar 2019 11:13

Instrument :
 BNA_G
 ClientSampled :
 TP-7MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	310035		
128	42.2		31.3	46.9
54	60.4		50.9	76.3

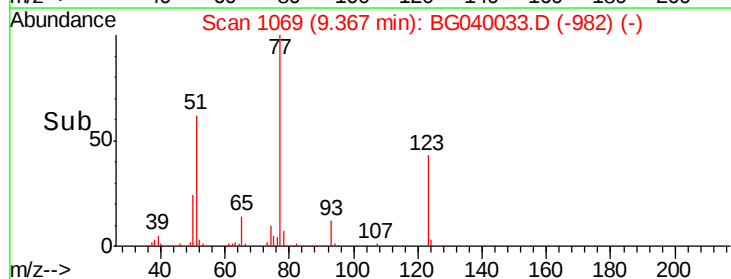
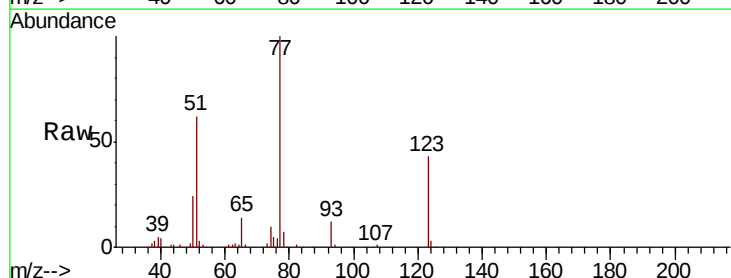
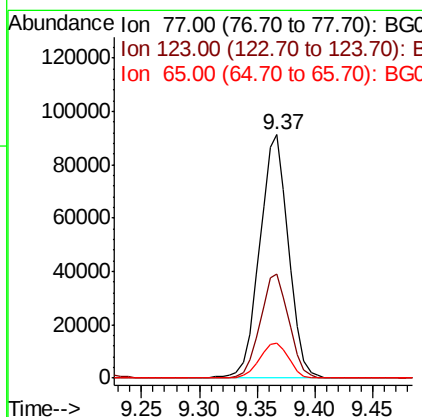
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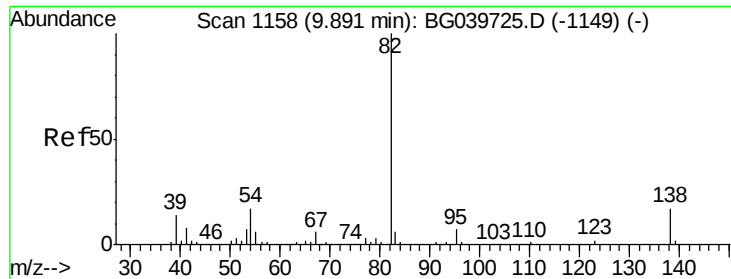
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#24
 Nitrobenzene
 Concen: 46.714 ng
 RT: 9.37 min Scan# 1069
 Delta R.T. -0.02 min
 Lab File: BG040033.D
 Acq: 20 Mar 2019 11:13

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	158013		
123	43.0		34.1	51.1
65	14.4		12.3	18.5





#25

Isophorone

Concen: 47.581 ng

RT: 9.88 min Scan# 1156

Delta R.T. -0.02 min

Lab File: BG040033.D

Acq: 20 Mar 2019 11:13

Instrument :

BNA_G

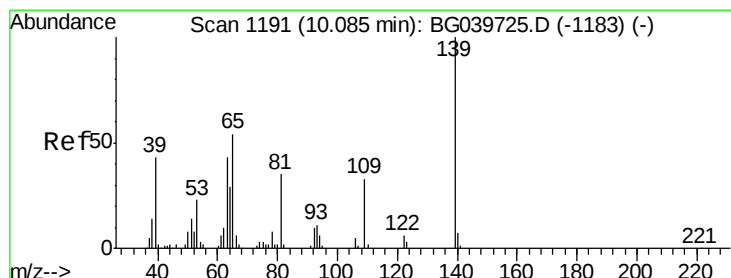
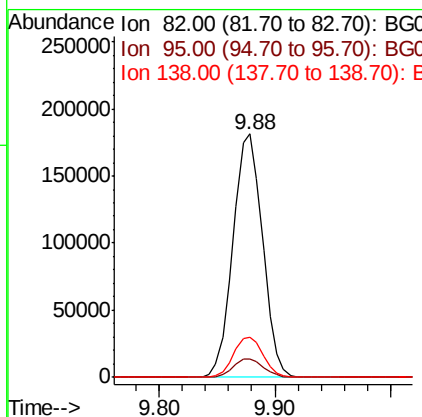
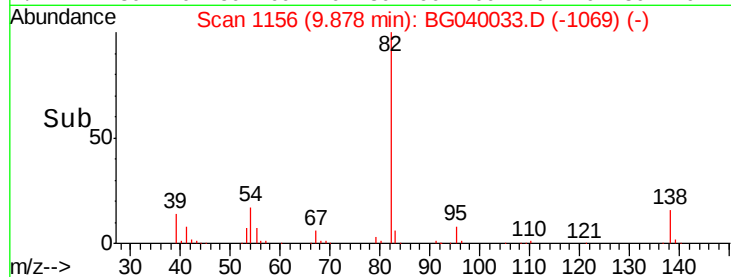
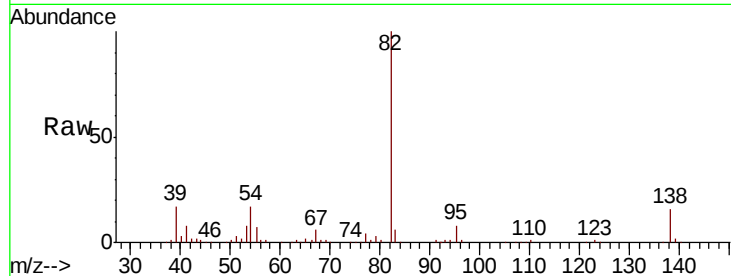
ClientSampleId :

TP-7MSD

Tot Ion:	82	Resp:	321460
Ion Ratio	Lower	Upper	
82	100		
95	7.6	6.2	9.2
138	16.3	13.0	19.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 45.819 ng

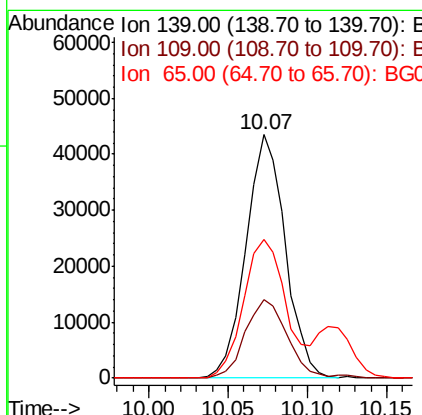
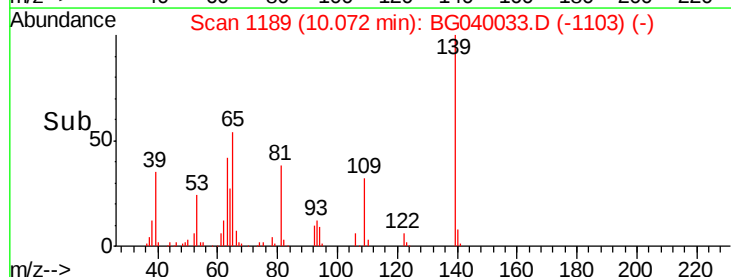
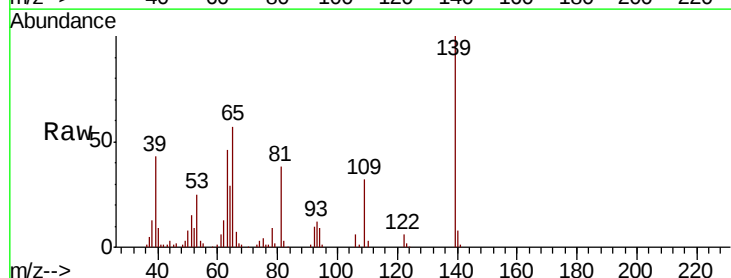
RT: 10.07 min Scan# 1189

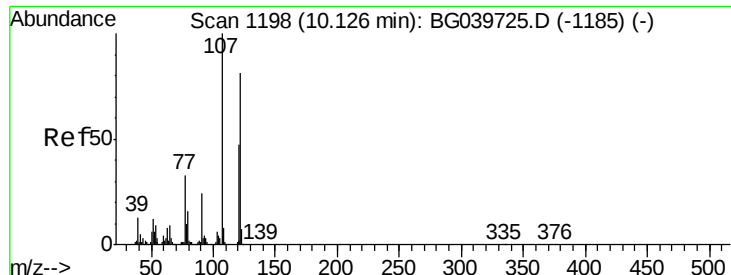
Delta R.T. -0.02 min

Lab File: BG040033.D

Acq: 20 Mar 2019 11:13

Tgt Ion:	139	Resp:	74830
Ion Ratio	Lower	Upper	
139	100		
109	32.4	23.4	35.0
65	57.0	44.3	66.5





#27

2,4-Dimethylphenol

Concen: 52.852 ng

RT: 10.12 min Scan# 1197

Delta R.T. -0.02 min

Lab File: BG040033.D

Acq: 20 Mar 2019 11:13

Instrument :

BNA_G

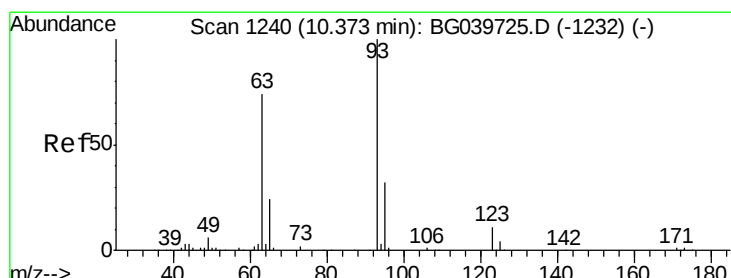
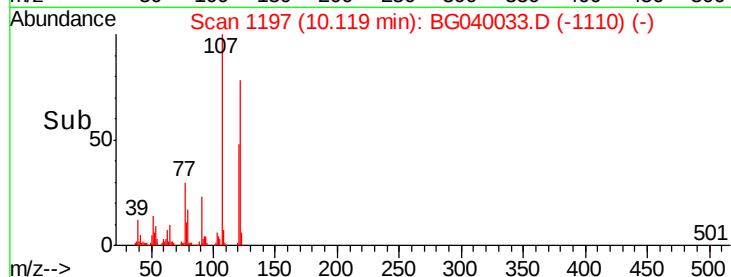
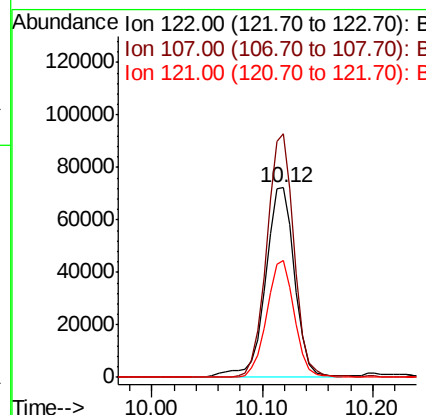
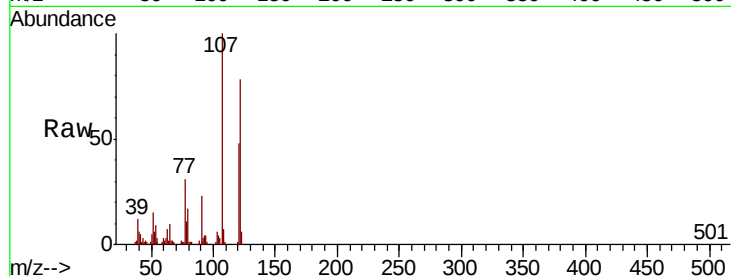
ClientSampleId :

TP-7MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	128.3	91.7	137.5
121	61.5	46.4	69.6

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#28

bis(2-Chloroethoxy)methane

Concen: 44.710 ng

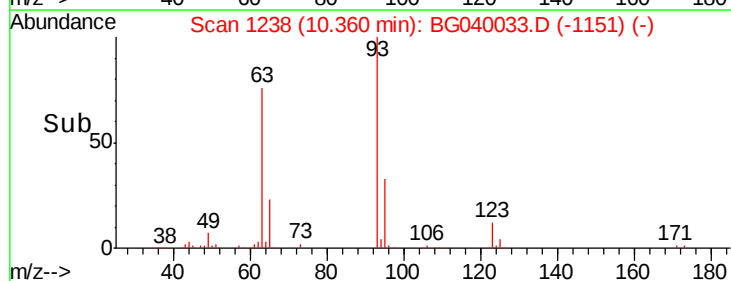
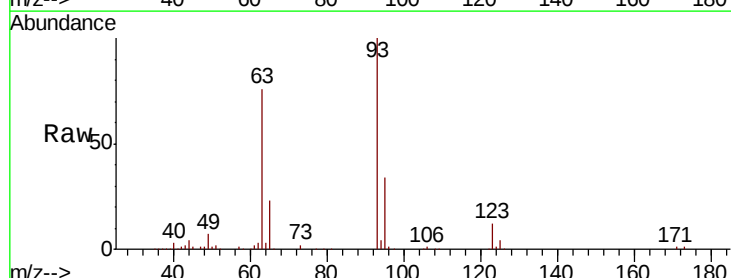
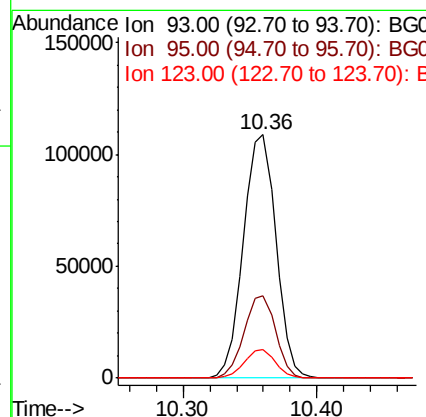
RT: 10.36 min Scan# 1238

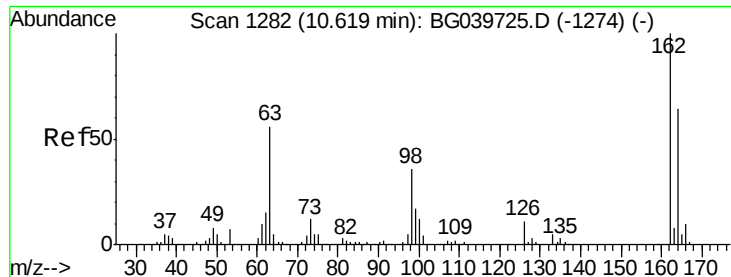
Delta R.T. -0.02 min

Lab File: BG040033.D

Acq: 20 Mar 2019 11:13

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.7	25.0	37.4
123	11.7	8.6	12.8





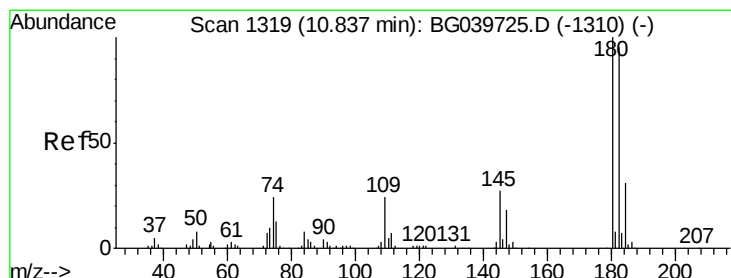
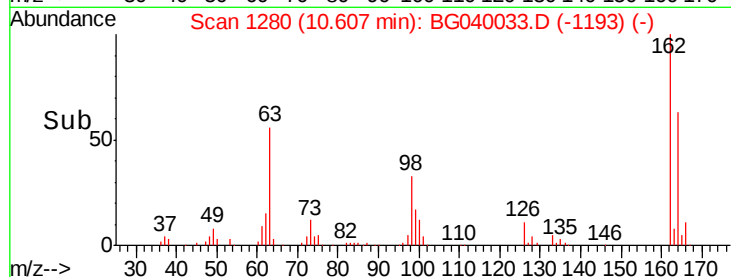
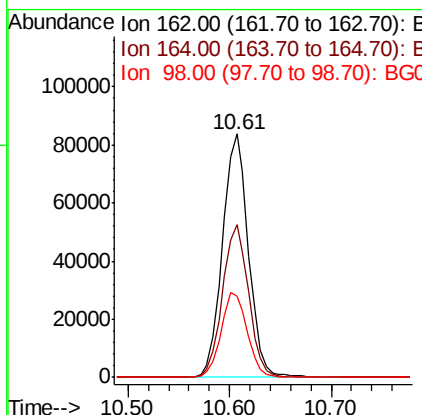
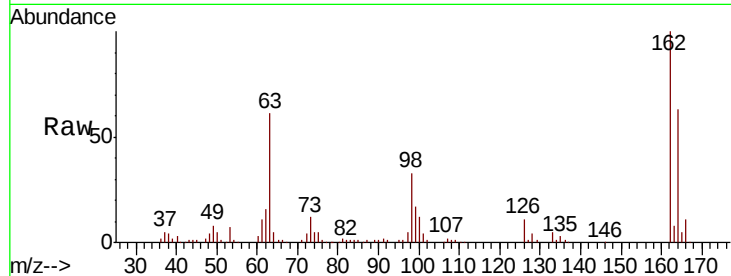
#29
 2,4-Dichlorophenol
 Concen: 51.818 ng
 RT: 10.61 min Scan# 1280
 Delta R.T. -0.02 min
 Lab File: BG040033.D
 Acq: 20 Mar 2019 11:13

Instrument :
 BNA_G
 ClientSampled :
 TP-7MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	148188		
164	62.7	48.1	88.1	
98	33.5	18.1	58.1	

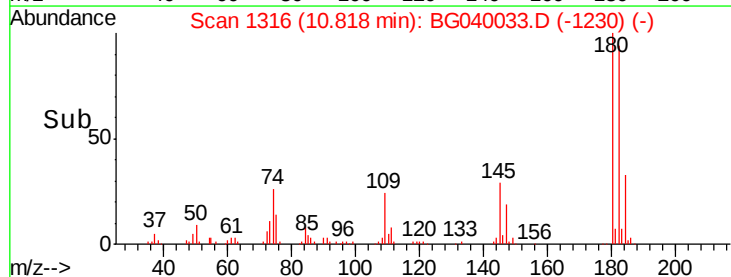
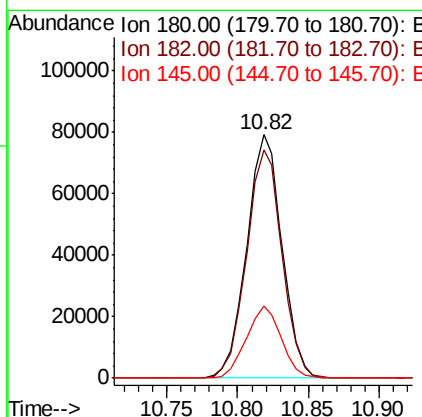
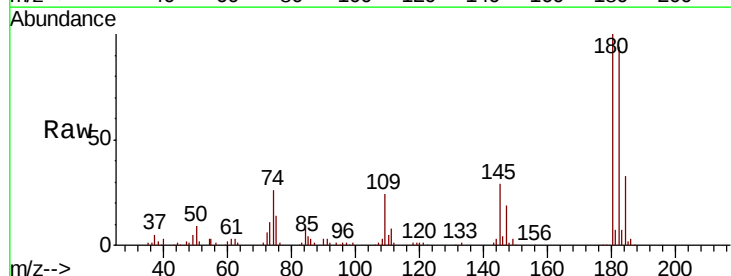
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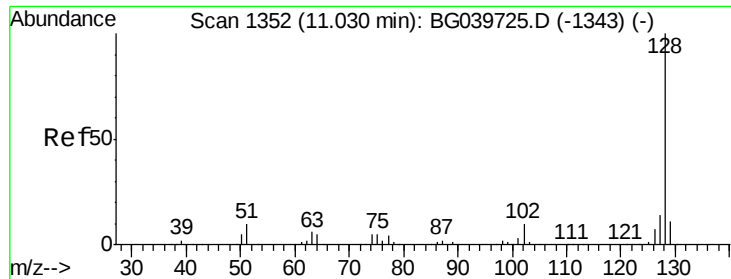
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.991 ng
 RT: 10.82 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: BG040033.D
 Acq: 20 Mar 2019 11:13

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	138346		
182	94.0	76.0	114.0	
145	29.4	22.7	34.1	





#31

Naphthalene

Concen: 44.016 ng

RT: 11.02 min Scan# 1350

Delta R.T. -0.02 min

Lab File: BG040033.D

Acq: 20 Mar 2019 11:13

Instrument :

BNA_G

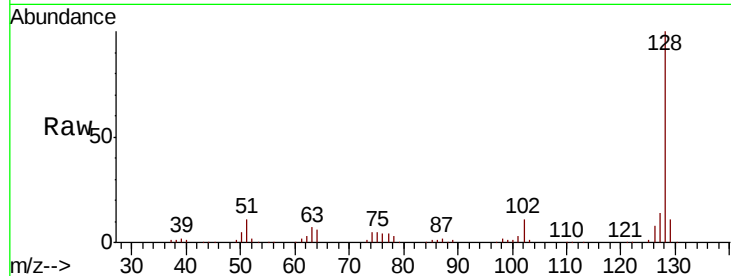
ClientSampleId :

TP-7MSD

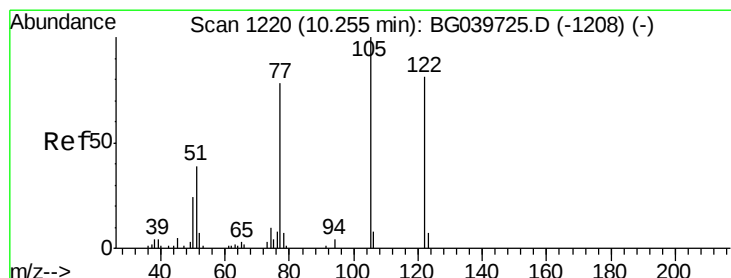
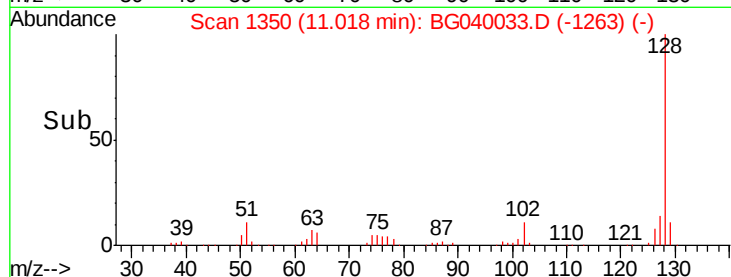
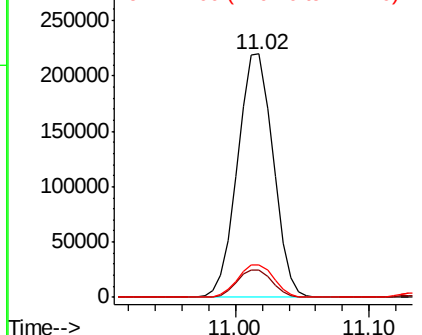
Tot Ion:	128	Resp:	406399
Ion Ratio	Lower	Upper	
128	100		
129	11.3	8.7	13.1
127	13.5	10.8	16.2

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 9.696 ng m

RT: 10.20 min Scan# 1211

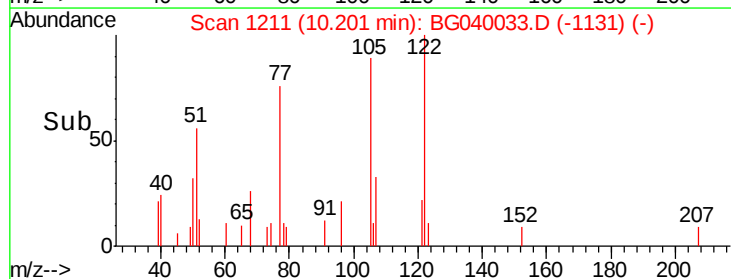
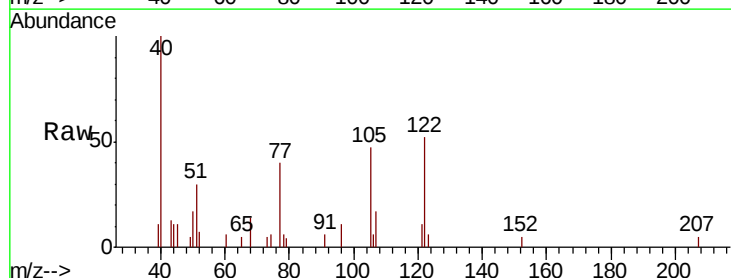
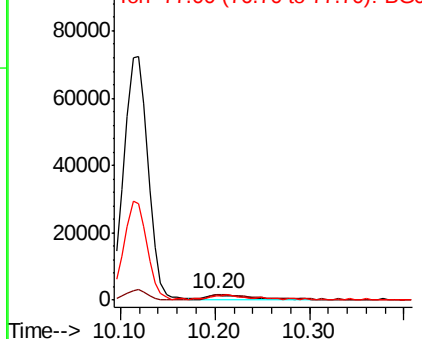
Delta R.T. -0.06 min

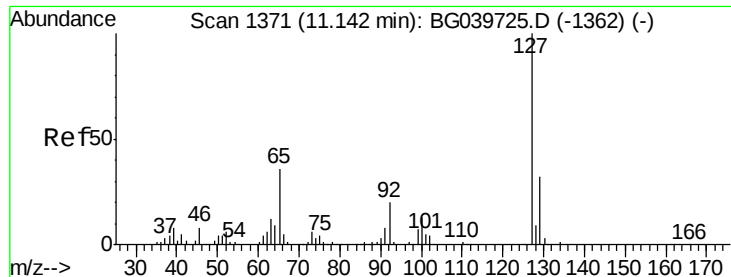
Lab File: BG040033.D

Acq: 20 Mar 2019 11:13

Tgt Ion:	122	Resp:	6263
Ion Ratio	Lower	Upper	
122	100		
105	89.2	101.8	141.8#
77	75.7	76.3	116.3#

Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG





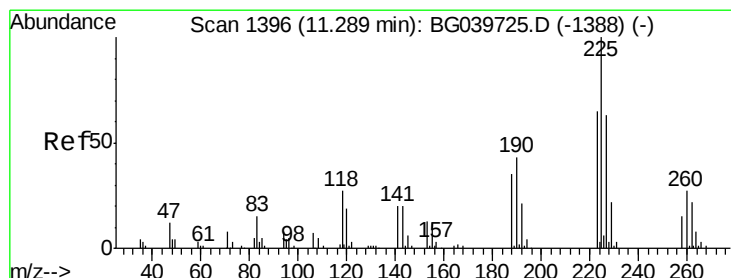
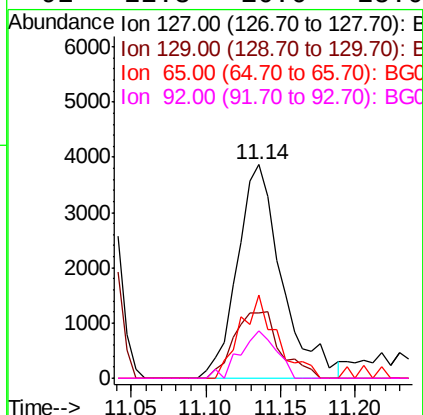
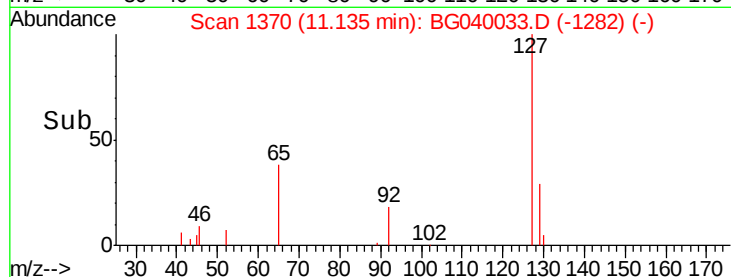
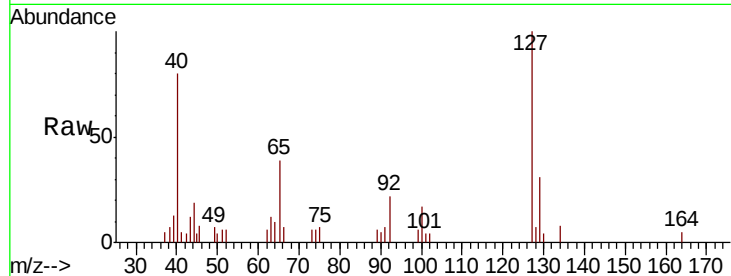
#33
4-Chloroaniline
Concen: 2.044 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BG040033.D
Acq: 20 Mar 2019 11:13

Instrument :
BNA_G
ClientSampleId :
TP-7MSD

Tot Ion:	127	Resp:	8001
Ion Ratio	Lower	Upper	
127	100		
129	30.6	27.0	40.4
65	38.7	28.8	43.2
92	22.3	16.6	25.0

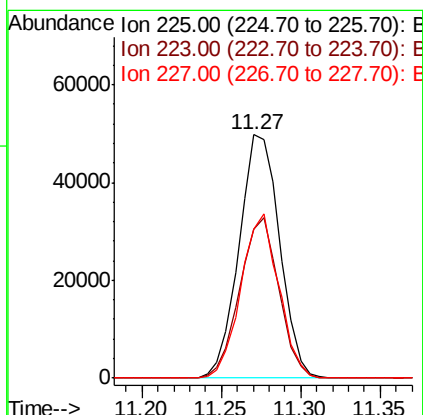
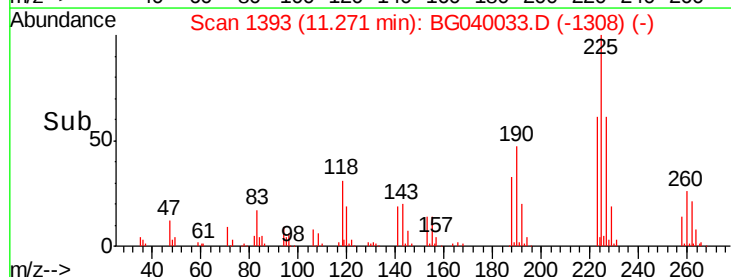
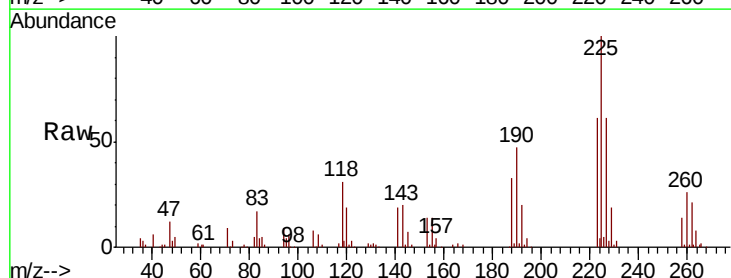
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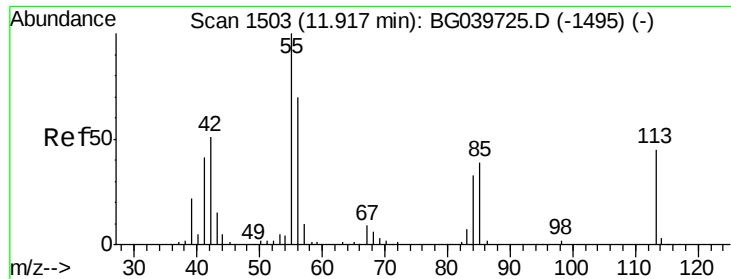
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#34
Hexachlorobutadiene
Concen: 40.198 ng
RT: 11.27 min Scan# 1393
Delta R.T. -0.03 min
Lab File: BG040033.D
Acq: 20 Mar 2019 11:13

Tgt Ion:	225	Resp:	88395
Ion Ratio	Lower	Upper	
225	100		
223	61.2	49.0	73.6
227	61.2	46.3	69.5





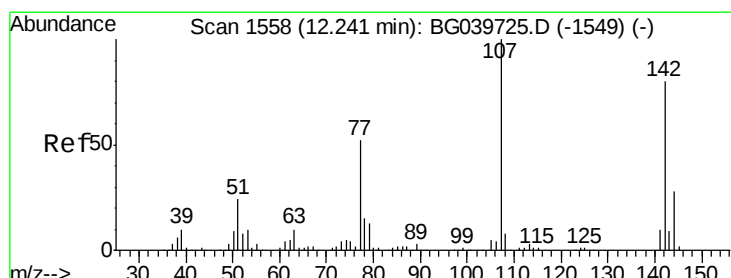
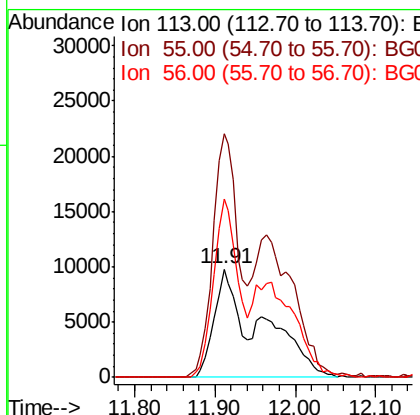
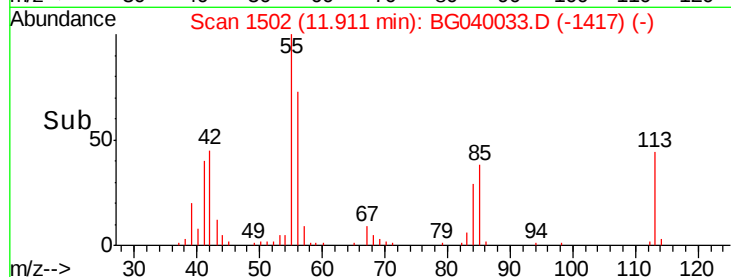
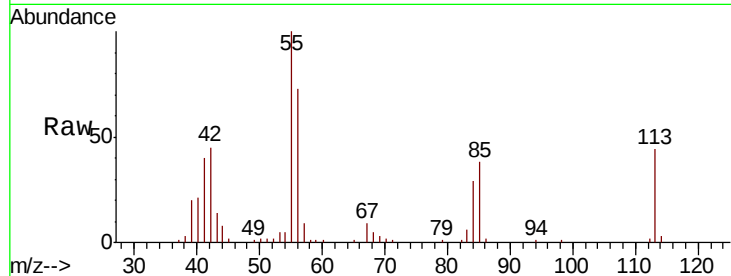
#35
 Caprolactam
 Concen: 35.666 ng/ml
 RT: 11.91 min Scan# 1502
 Delta R.T. -0.03 min
 Lab File: BG040033.D
 Acq: 20 Mar 2019 11:13

Instrument :
 BNA_G
 ClientSampled :
 TP-7MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	225.1	216.9	256.9
56	165.1	152.6	192.6

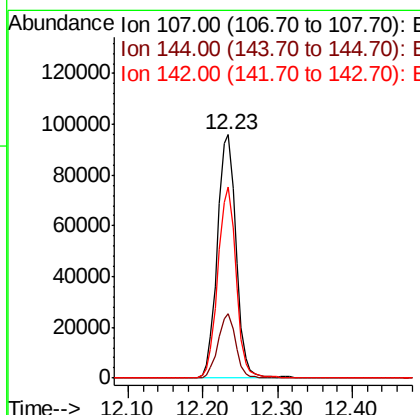
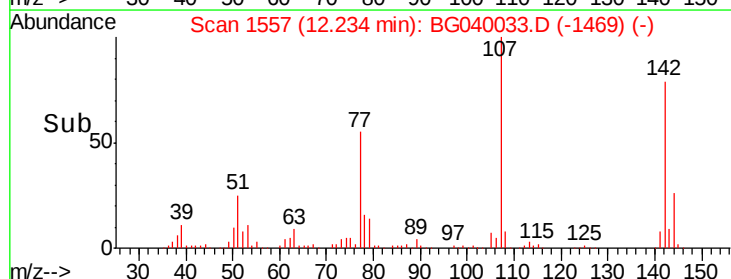
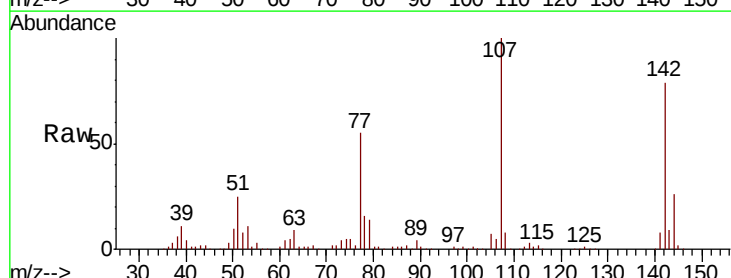
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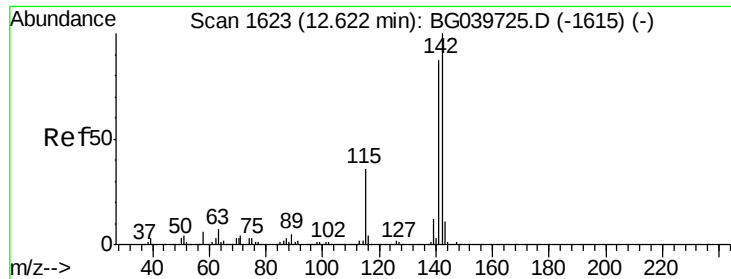
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#36
 4-Chloro-3-methylphenol
 Concen: 51.184 ng
 RT: 12.23 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BG040033.D
 Acq: 20 Mar 2019 11:13

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.4	20.2	30.2
142	78.7	61.4	92.2





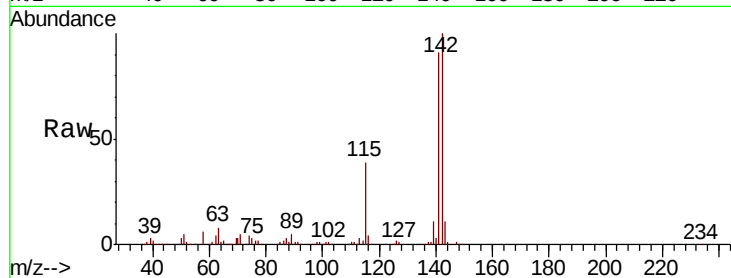
#37
2-Methylnaphthalene
Concen: 45.137 ng
RT: 12.61 min Scan# 1621
Delta R.T. -0.02 min
Lab File: BG040033.D
Acq: 20 Mar 2019 11:13

Instrument :
BNA_G
ClientSampled :
TP-7MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.9	73.5	110.3
115	39.2	30.8	46.2

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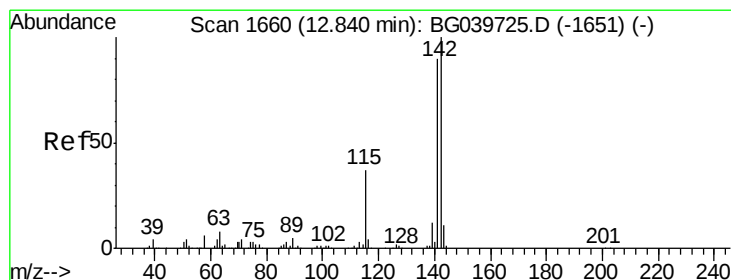
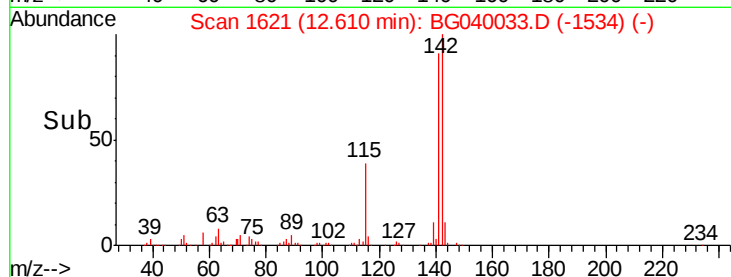
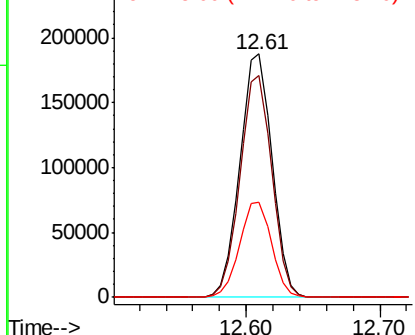


Abundance

Ion 142.00 (141.70 to 142.70): E

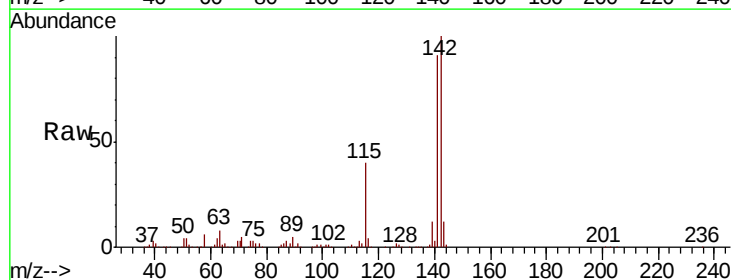
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 44.911 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.02 min
Lab File: BG040033.D
Acq: 20 Mar 2019 11:13

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.6	74.2	111.4
116	4.1	3.0	4.6

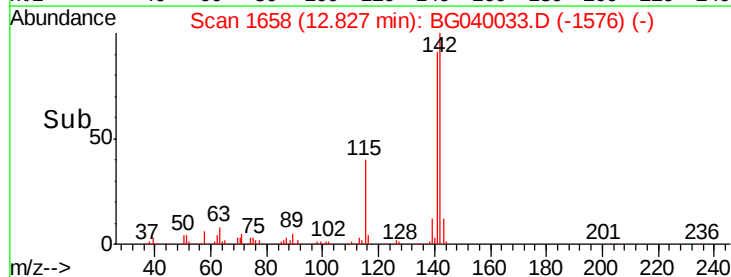
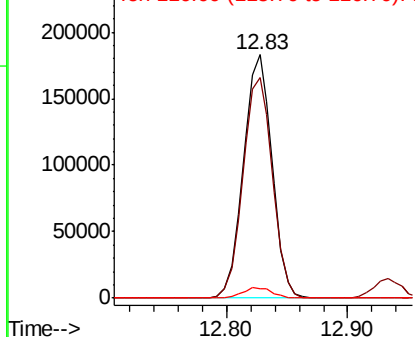


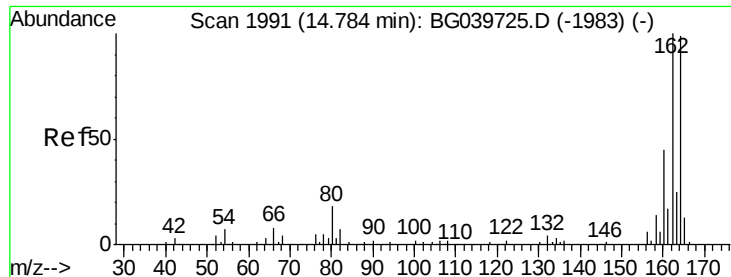
Abundance

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: BG040033.D

Acq: 20 Mar 2019 11:13

Instrument :

BNA_G

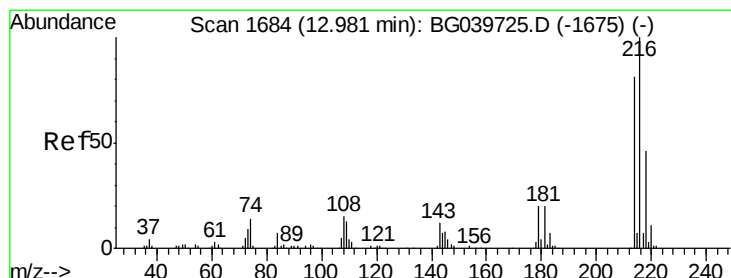
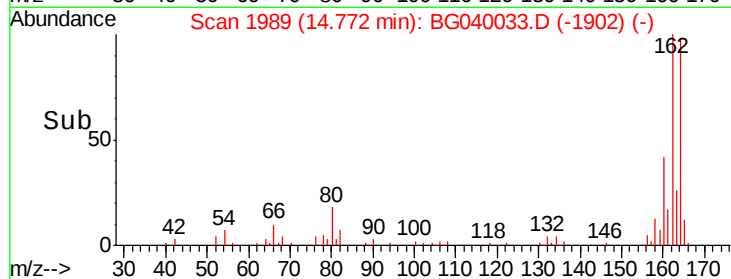
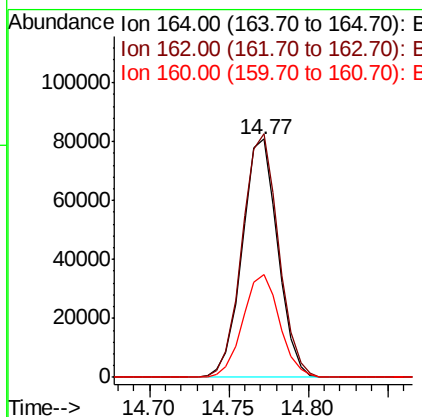
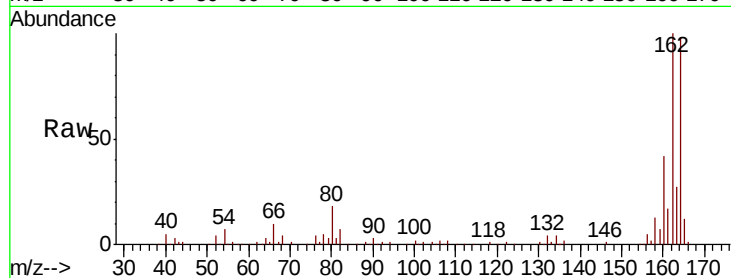
ClientSampled :

TP-7MSD

Tot Ion:	164	Resp:	125411
Ion Ratio	Lower	Upper	
164	100		
162	102.3	81.6	122.4
160	43.1	34.2	51.2

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.232 ng

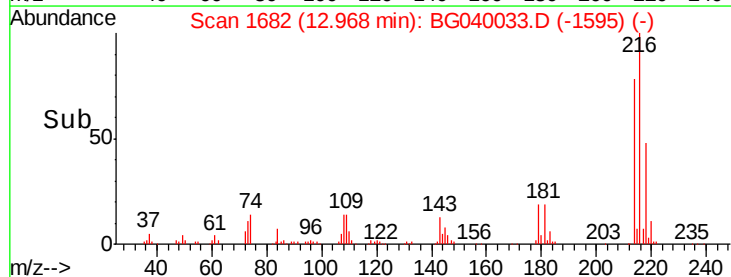
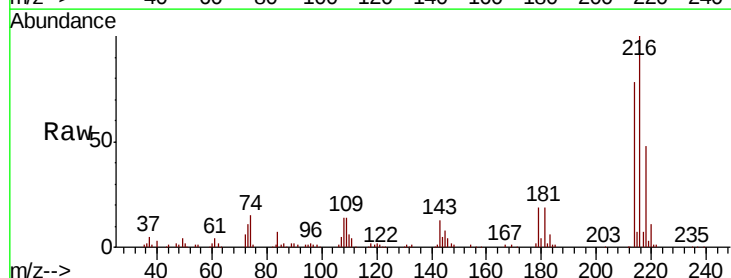
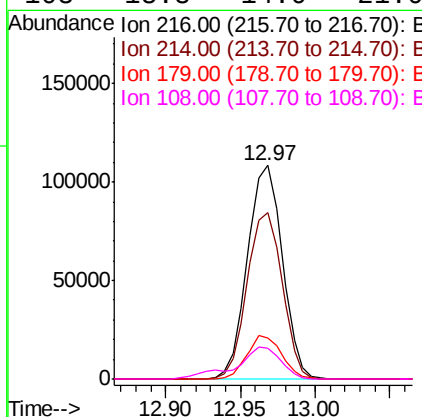
RT: 12.97 min Scan# 1682

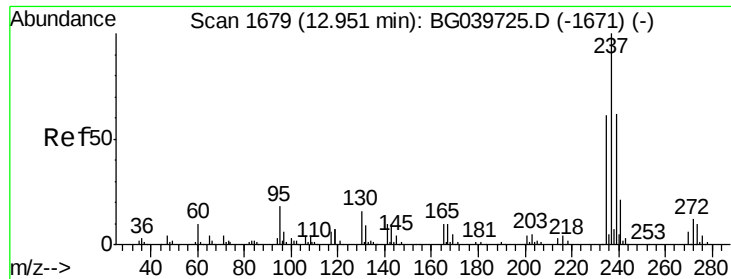
Delta R.T. -0.02 min

Lab File: BG040033.D

Acq: 20 Mar 2019 11:13

Tgt Ion:	216	Resp:	175180
Ion Ratio	Lower	Upper	
216	100		
214	78.5	62.6	94.0
179	20.1	16.6	25.0
108	18.8	14.0	21.0





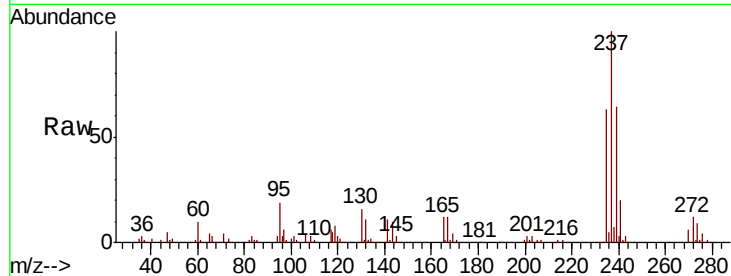
#41
Hexachlorocyclopentadiene
Concen: 93.419 ng
RT: 12.93 min Scan# 1676
Delta R.T. -0.02 min
Lab File: BG040033.D
Acq: 20 Mar 2019 11:13

Instrument :
BNA_G
ClientSampled :
TP-7MSD

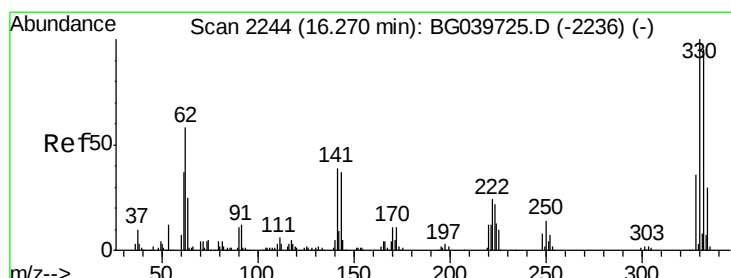
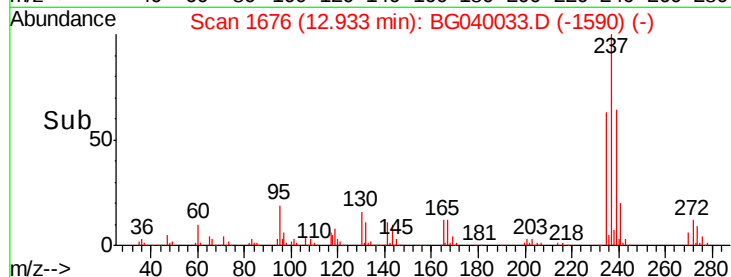
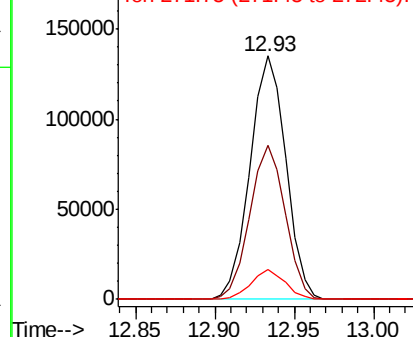
Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	63.4	43.3	83.3
272	12.2	0.0	32.3

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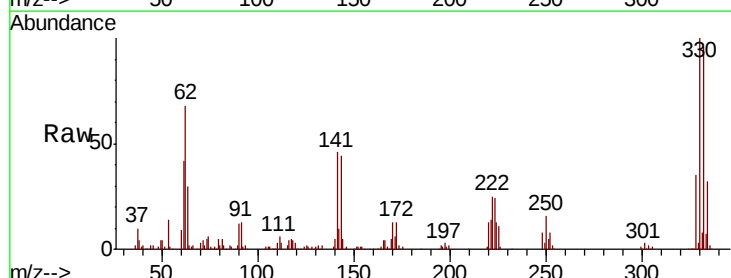


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

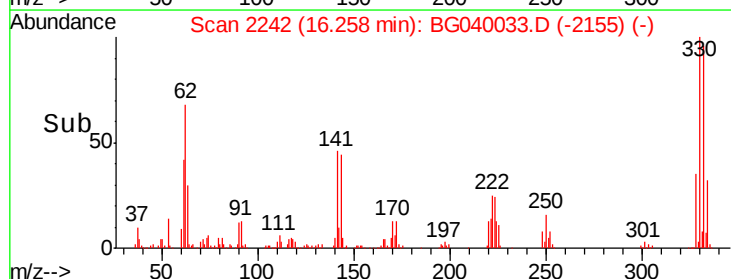
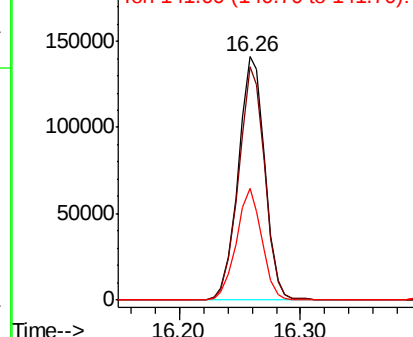


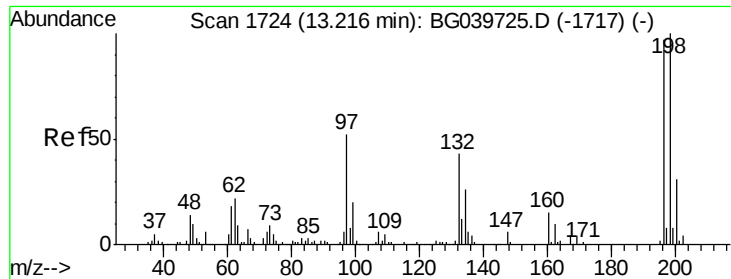
#42
2,4,6-Tribromophenol
Concen: 147.925 ng
RT: 16.26 min Scan# 2242
Delta R.T. -0.02 min
Lab File: BG040033.D
Acq: 20 Mar 2019 11:13

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	94.8	75.7	113.5
141	43.8	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





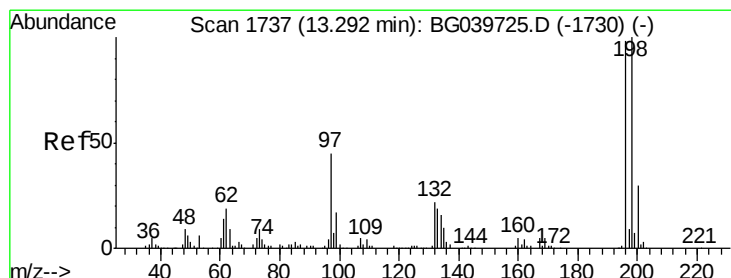
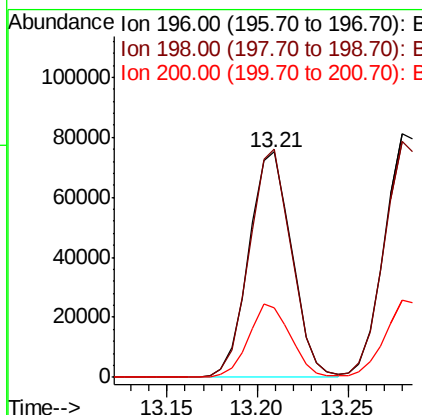
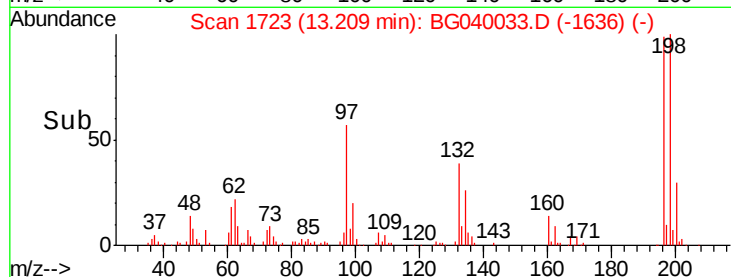
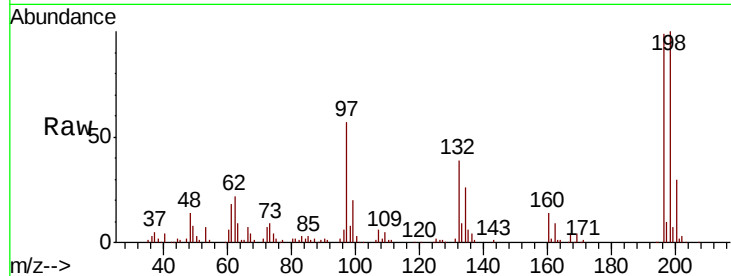
#43
 2,4,6-Trichlorophenol
 Concen: 49.759 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.02 min
 Lab File: BG040033.D
 Acq: 20 Mar 2019 11:13

Instrument :
 BNA_G
 ClientSampled :
 TP-7MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	123768		
198	101.1	80.6	121.0	
200	30.8	26.1	39.1	

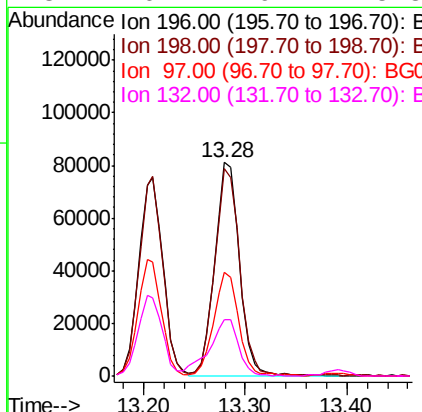
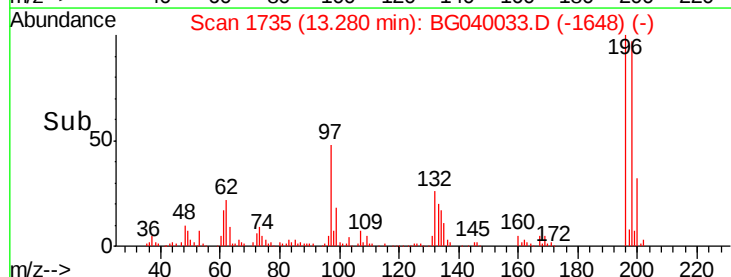
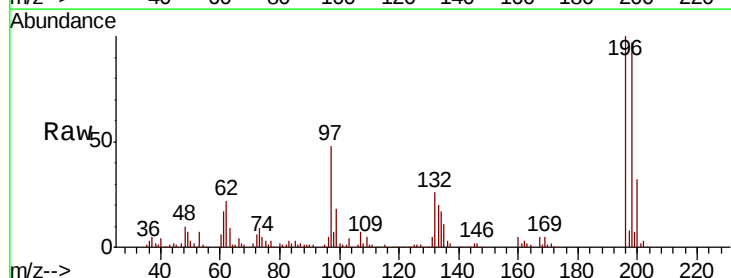
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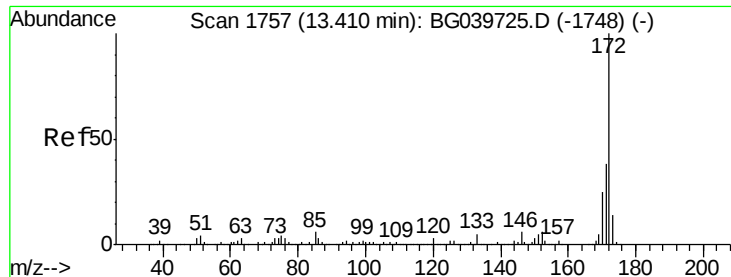
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#44
 2,4,5-Trichlorophenol
 Concen: 49.056 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.02 min
 Lab File: BG040033.D
 Acq: 20 Mar 2019 11:13

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	137540		
198	96.9	78.5	117.7	
97	48.5	38.4	57.6	
132	26.1	19.2	28.8	





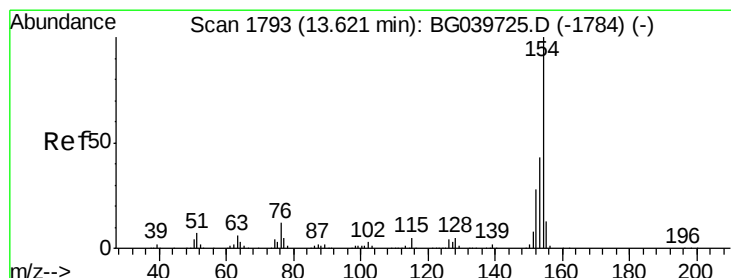
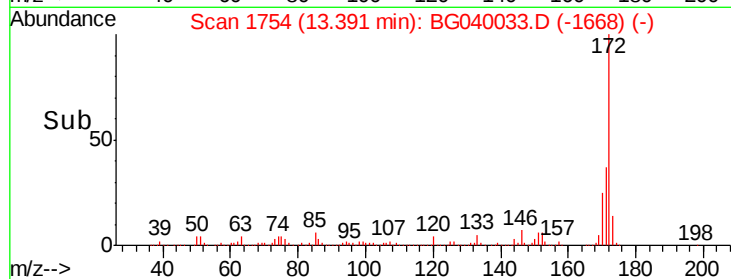
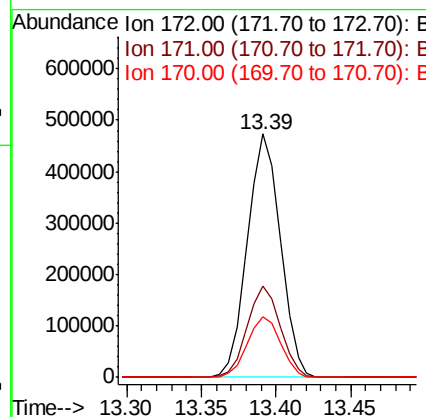
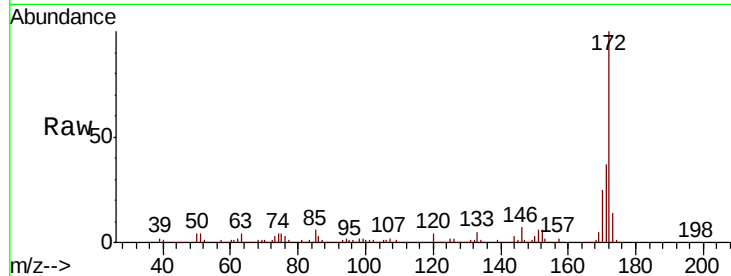
#45
2-Fluorobiphenyl
Concen: 82.250 ng
RT: 13.39 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BG040033.D
Acq: 20 Mar 2019 11:13

Instrument :
BNA_G
ClientSampleId :
TP-7MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.8	46.2
170	25.0	20.2	30.4

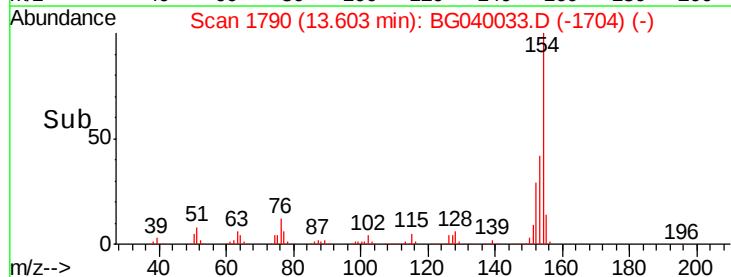
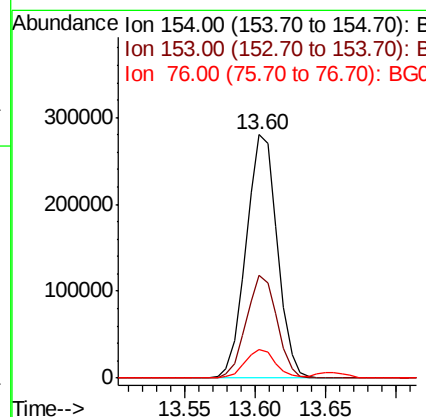
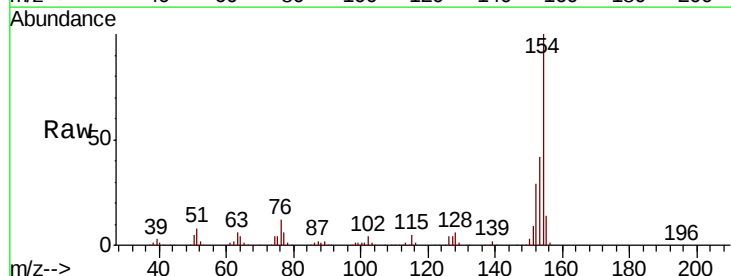
Manual Integrations
APPROVED

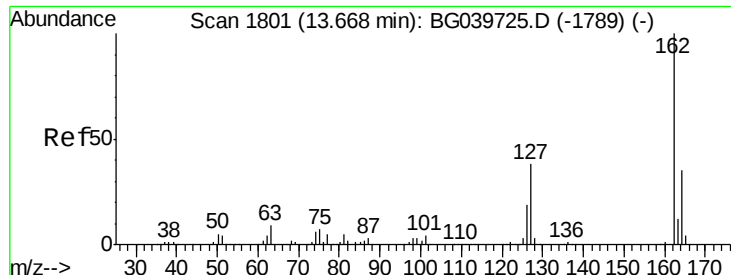
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#46
1,1'-Biphenyl
Concen: 41.861 ng
RT: 13.60 min Scan# 1790
Delta R.T. -0.02 min
Lab File: BG040033.D
Acq: 20 Mar 2019 11:13

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.2	22.1	62.1
76	11.8	0.0	32.4





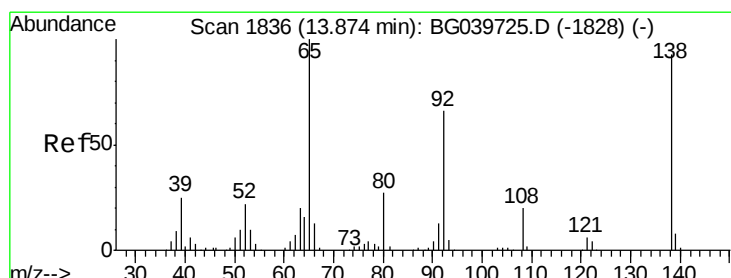
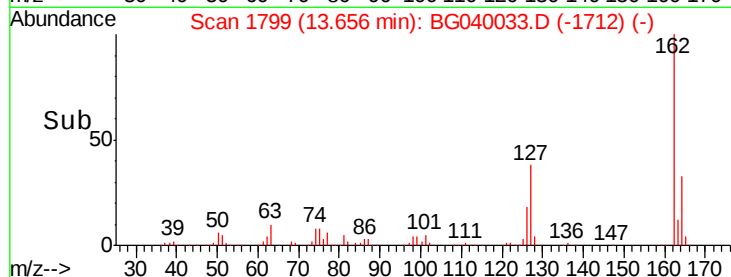
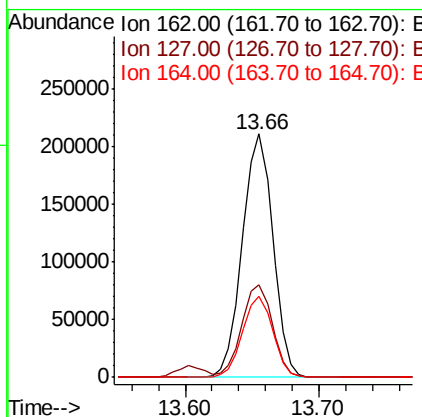
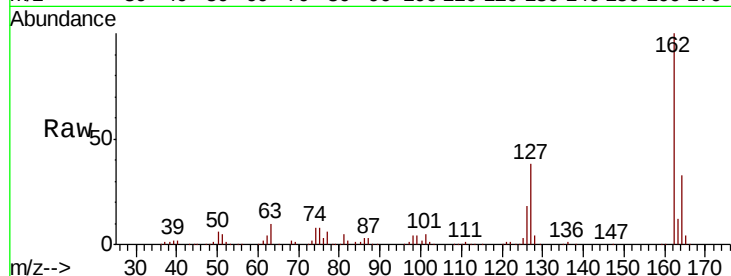
#47
 2-Chloronaphthalene
 Concen: 42.891 ng
 RT: 13.66 min Scan# 1799
 Delta R.T. -0.02 min
 Lab File: BG040033.D
 Acq: 20 Mar 2019 11:13

Instrument :
 BNA_G
 ClientSampled :
 TP-7MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.8	31.0	46.6
164	33.2	25.7	38.5

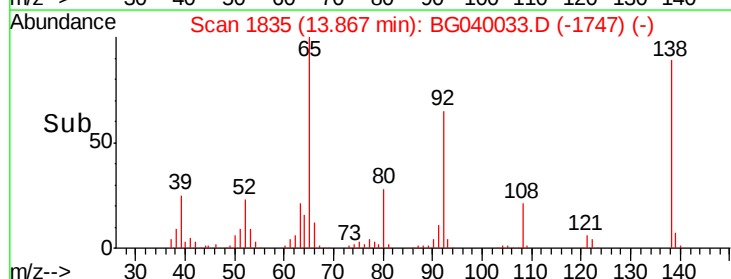
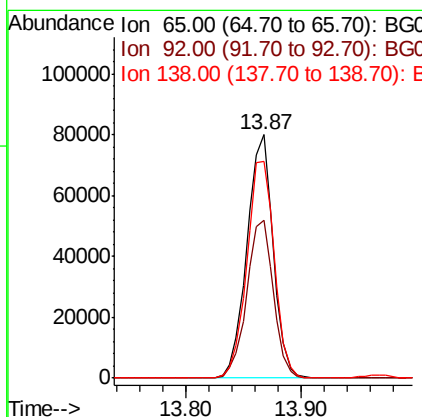
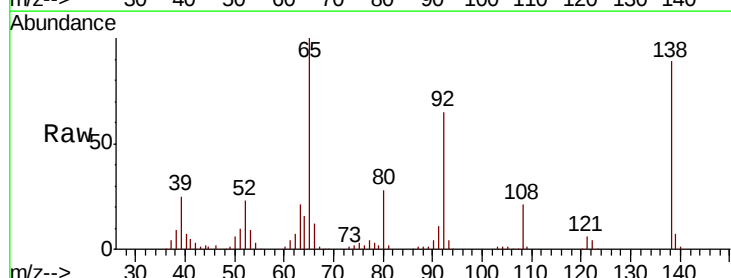
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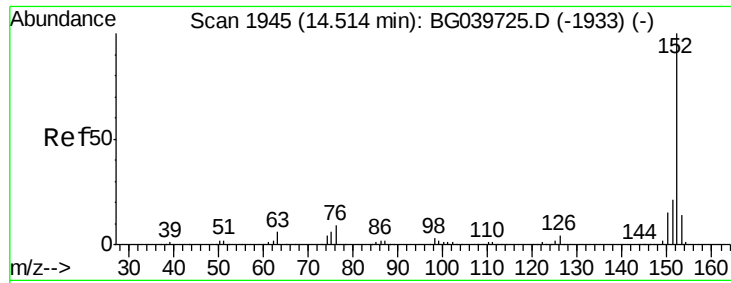
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#48
 2-Nitroaniline
 Concen: 50.507 ng
 RT: 13.87 min Scan# 1835
 Delta R.T. -0.01 min
 Lab File: BG040033.D
 Acq: 20 Mar 2019 11:13

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.0	51.4	77.2
138	89.0	71.4	107.2





#49

Acenaphthylene

Concen: 43.077 ng

RT: 14.50 min Scan# 1942

Delta R.T. -0.02 min

Lab File: BG040033.D

Acq: 20 Mar 2019 11:13

Instrument :

BNA_G

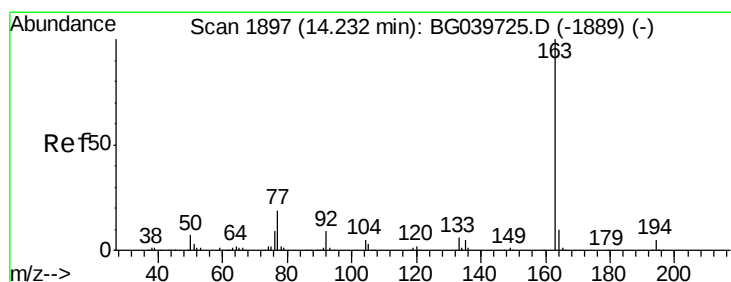
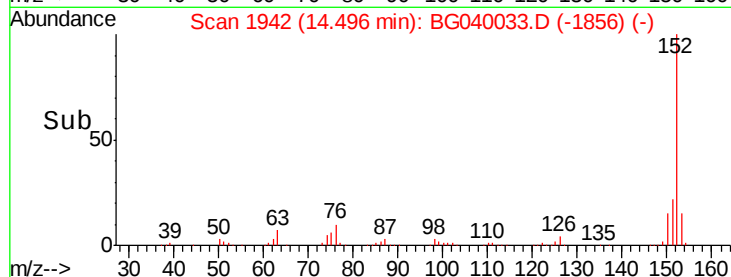
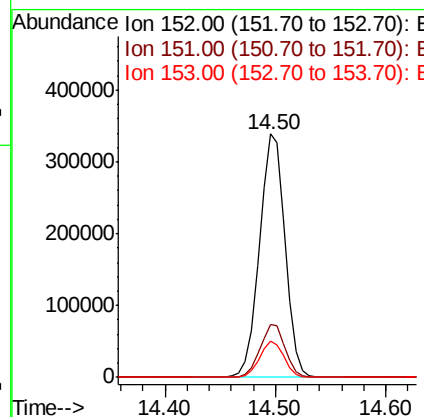
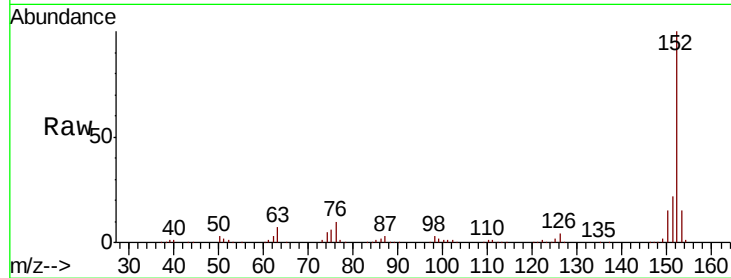
ClientSampleId :

TP-7MSD

Tot Ion:	152	Resp:	548735
Ion Ratio	Lower	Upper	
152	100		
151	21.7	16.8	25.2
153	14.8	11.7	17.5

Manual Integrations
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#50

Dimethylphthalate

Concen: 45.920 ng

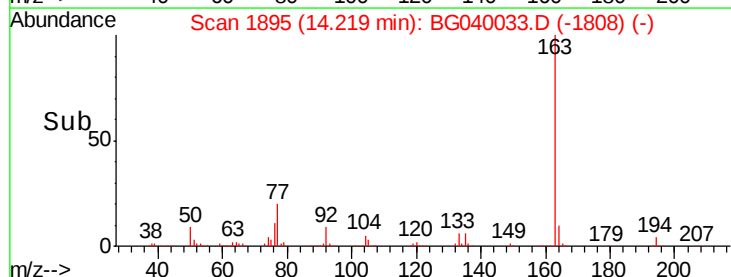
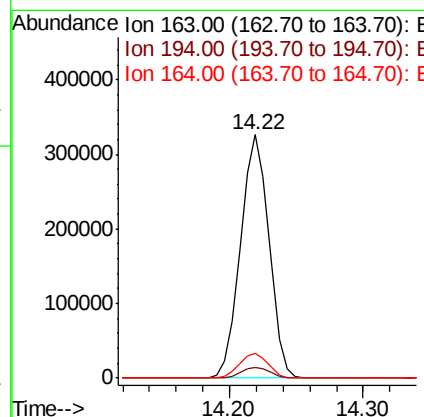
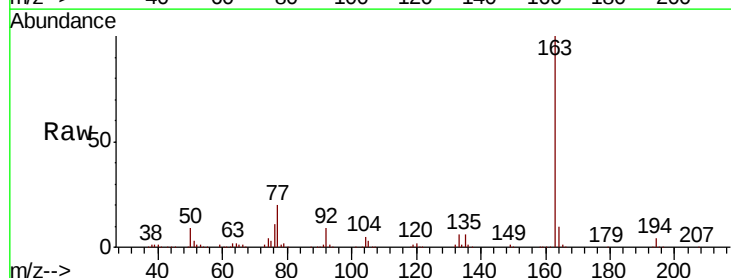
RT: 14.22 min Scan# 1895

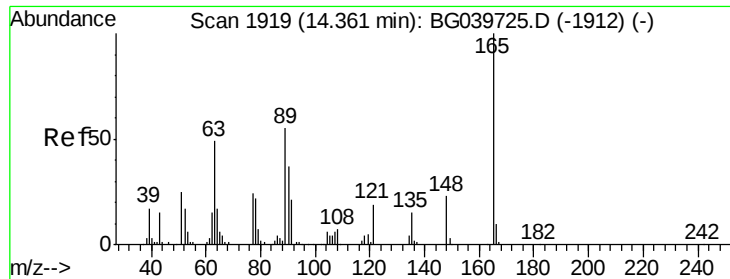
Delta R.T. -0.02 min

Lab File: BG040033.D

Acq: 20 Mar 2019 11:13

Tgt Ion:	163	Resp:	481549
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.6	5.4
164	10.3	8.4	12.6





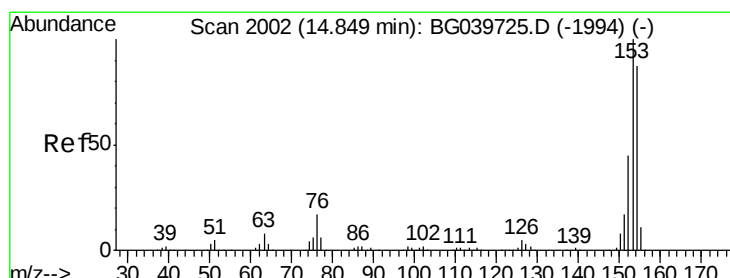
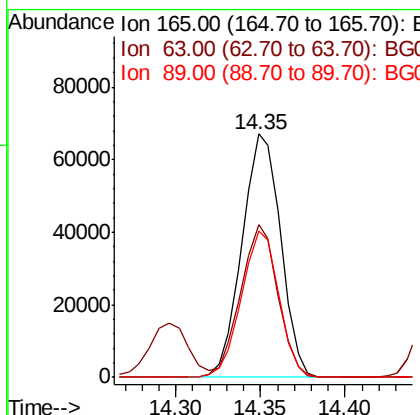
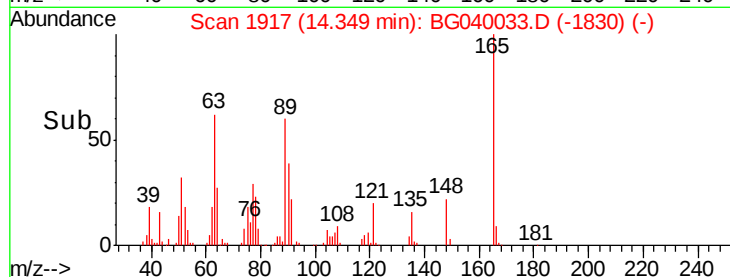
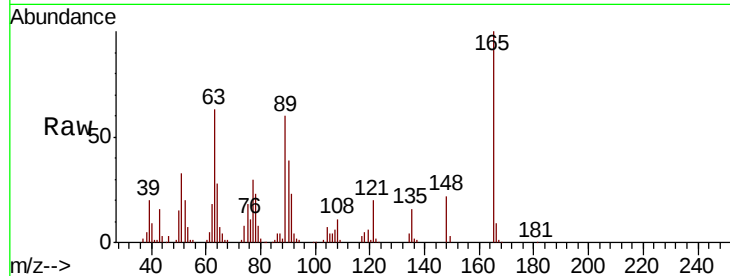
#51
2,6-Dinitrotoluene
Concen: 47.979 ng
RT: 14.35 min Scan# 1917
Delta R.T. -0.02 min
Lab File: BG040033.D
Acq: 20 Mar 2019 11:13

Instrument :
BNA_G
ClientSampled :
TP-7MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	106664		
63	63.0	47.0	70.6	
89	60.1	45.8	68.8	

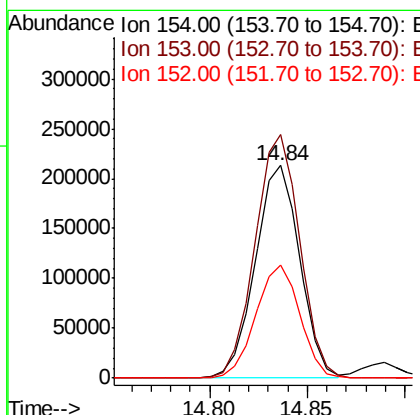
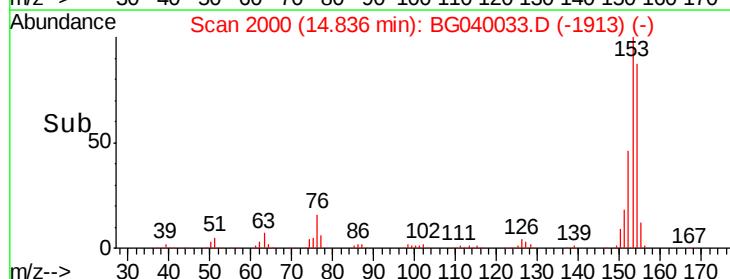
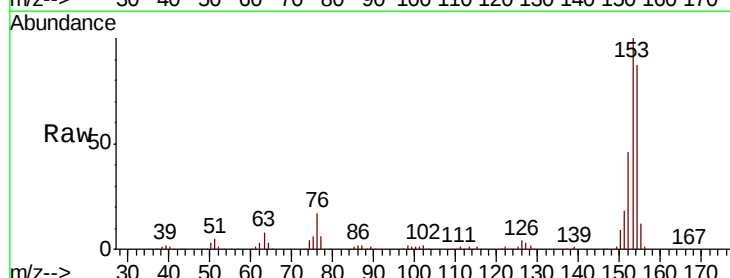
Manual Integrations
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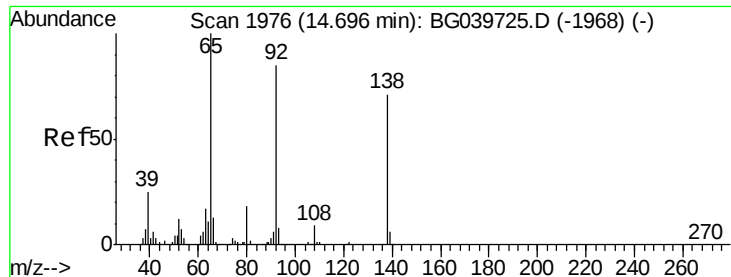
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#52
Acenaphthene
Concen: 43.752 ng
RT: 14.84 min Scan# 2000
Delta R.T. -0.02 min
Lab File: BG040033.D
Acq: 20 Mar 2019 11:13

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	335450		
153	114.7	90.1	135.1	
152	53.2	40.9	61.3	





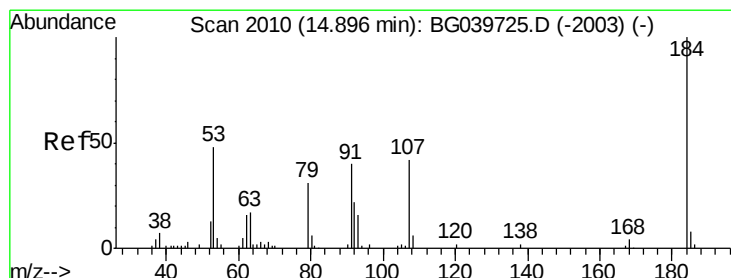
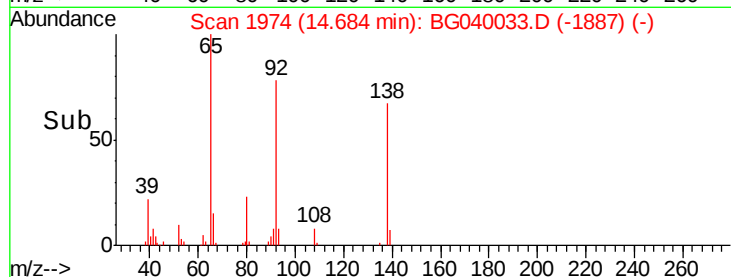
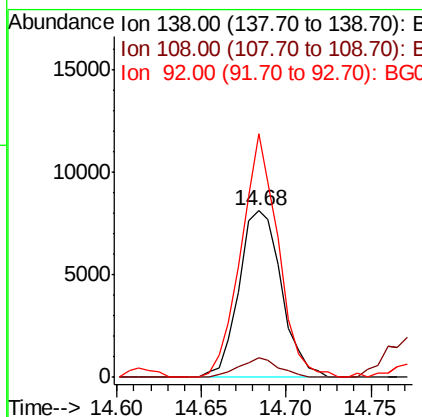
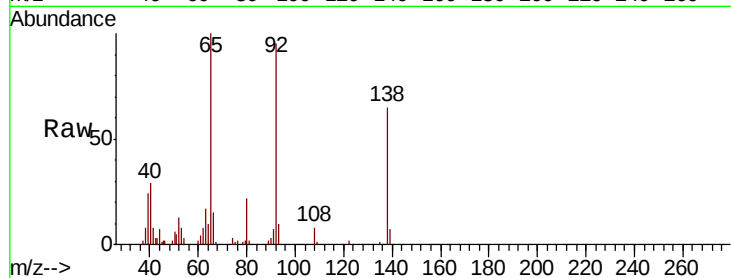
#53
3-Nitroaniline
Concen: 6.365 ng
RT: 14.68 min Scan# 1974
Delta R.T. -0.02 min
Lab File: BG040033.D
Acq: 20 Mar 2019 11:13

Instrument :
BNA_G
ClientSampleId :
TP-7MSD

Tot Ion:138 Resp: 14224
Ion Ratio Lower Upper
138 100
108 11.6 13.8 20.8#
92 146.3 103.7 155.5

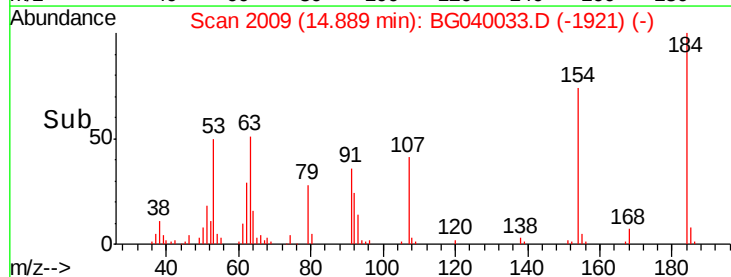
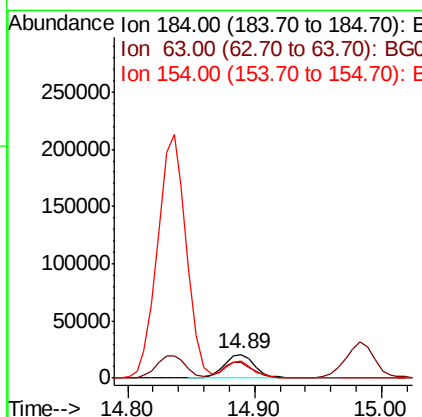
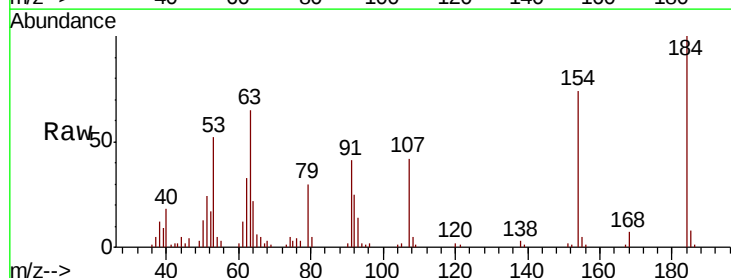
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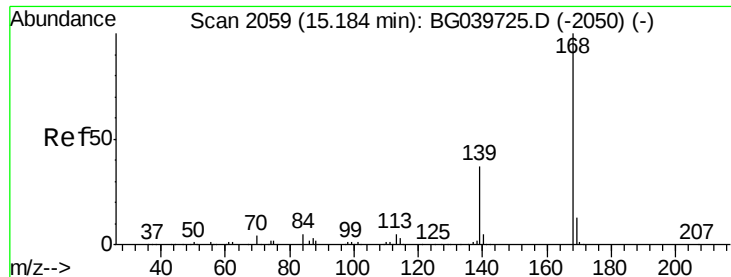
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#54
2,4-Dinitrophenol
Concen: 28.547 ng
RT: 14.89 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG040033.D
Acq: 20 Mar 2019 11:13

Tgt Ion:184 Resp: 34950
Ion Ratio Lower Upper
184 100
63 65.0 50.9 76.3
154 73.7 53.0 79.6





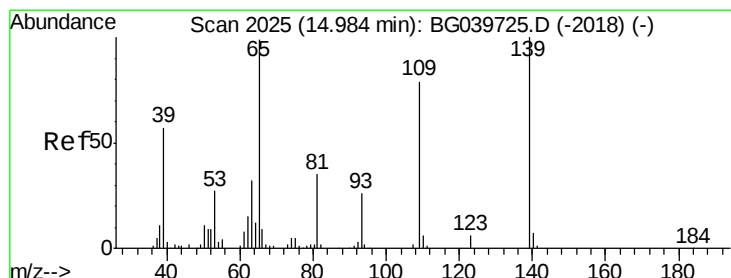
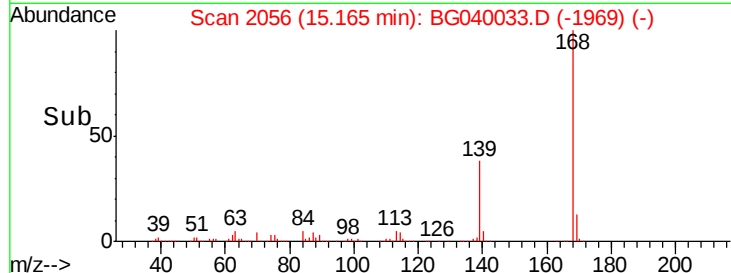
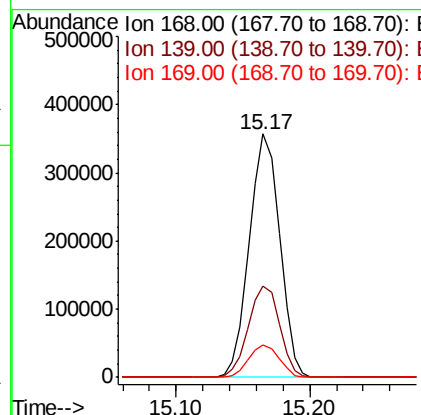
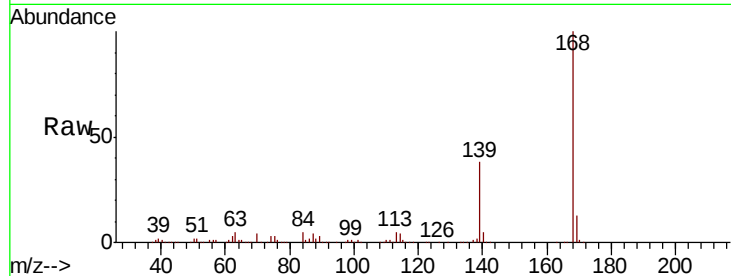
#55
Dibenzenofuran
Concen: 44.537 ng
RT: 15.17 min Scan# 2056
Delta R.T. -0.02 min
Lab File: BG040033.D
Acq: 20 Mar 2019 11:13

Instrument :
BNA_G
ClientSampleId :
TP-7MSD

Tot Ion:	168	Resp:	560243
Ion Ratio	Lower	Upper	
168	100		
139	37.7	30.1	45.1
169	13.5	10.6	16.0

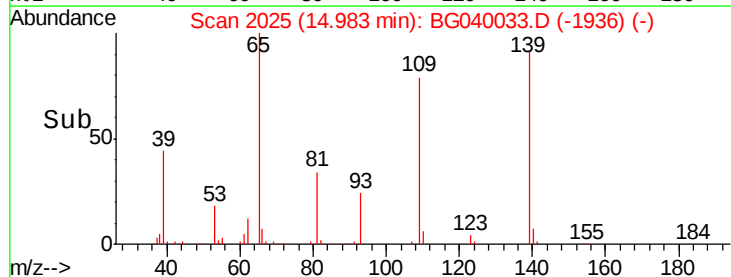
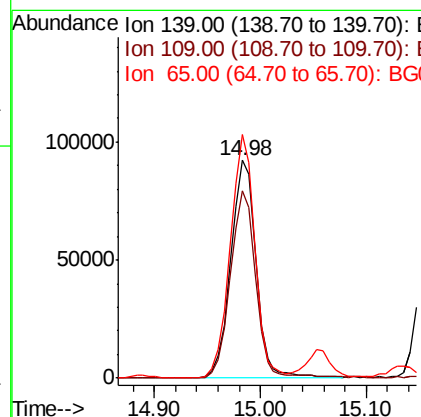
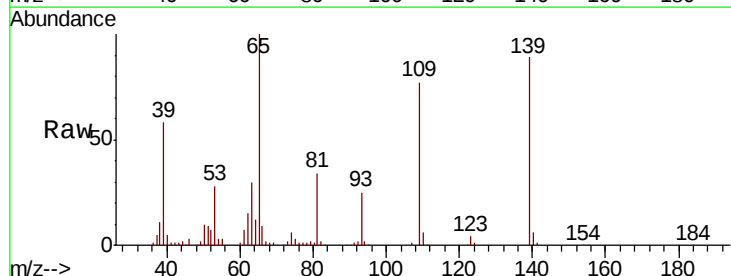
Manual Integrations
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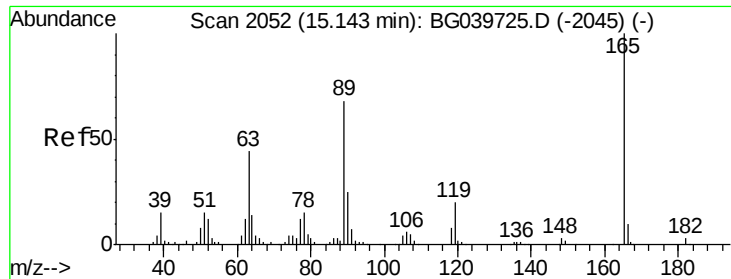
Sohil
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#56
4-Nitrophenol
Concen: 76.617 ng
RT: 14.98 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BG040033.D
Acq: 20 Mar 2019 11:13

Tgt Ion:	139	Resp:	153167
Ion Ratio	Lower	Upper	
139	100		
109	85.9	61.9	101.9
65	111.9	99.1	139.1





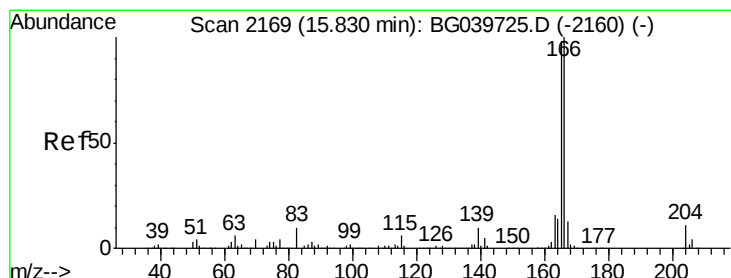
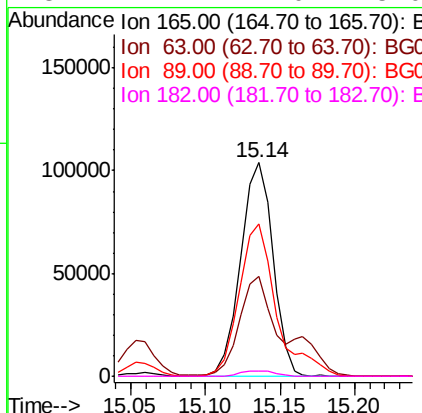
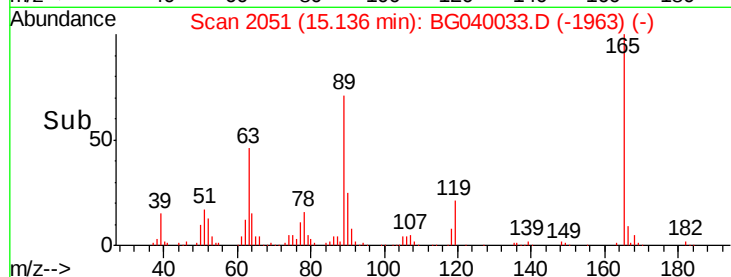
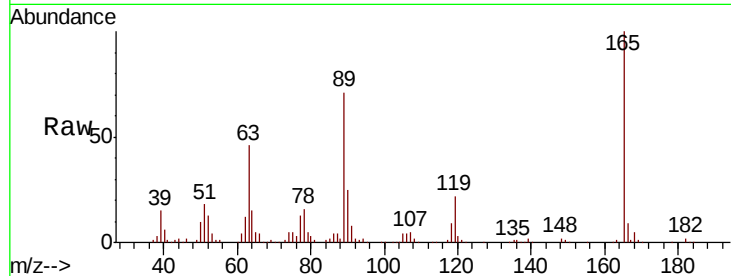
#57
2,4-Dinitrotoluene
Concen: 49.927 ng
RT: 15.14 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BG040033.D
Acq: 20 Mar 2019 11:13

Instrument :
BNA_G
ClientSampleId :
TP-7MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	155960		
63	46.5	41.0	61.6	
89	71.2	64.6	96.8	
182	2.4	2.0	3.0	

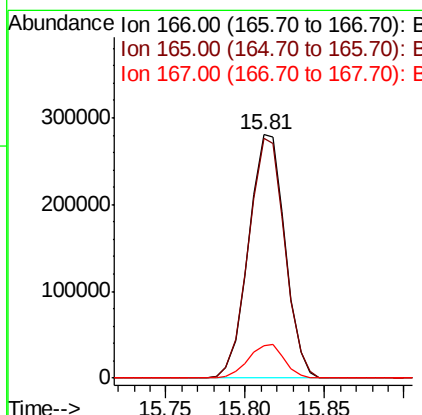
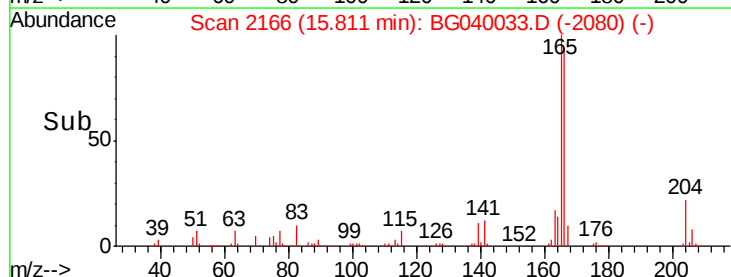
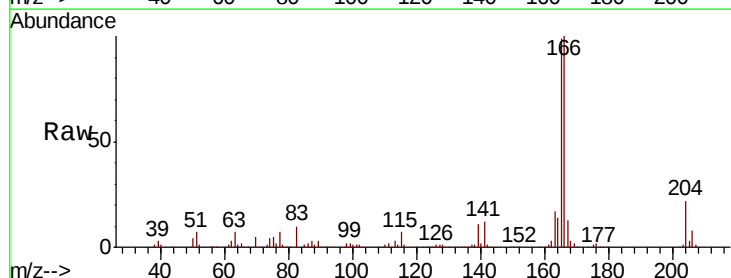
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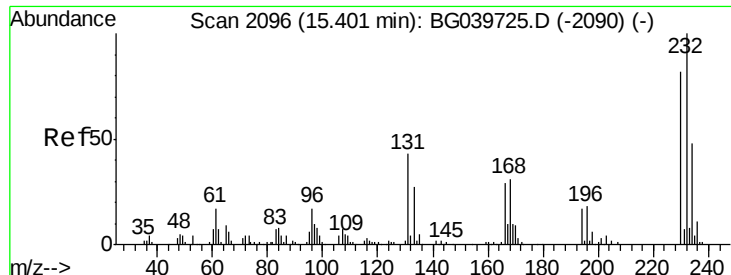
Sohil
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#58
Fluorene
Concen: 45.130 ng
RT: 15.81 min Scan# 2166
Delta R.T. -0.02 min
Lab File: BG040033.D
Acq: 20 Mar 2019 11:13

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	446285		
165	98.7	77.9	116.9	
167	13.2	10.8	16.2	





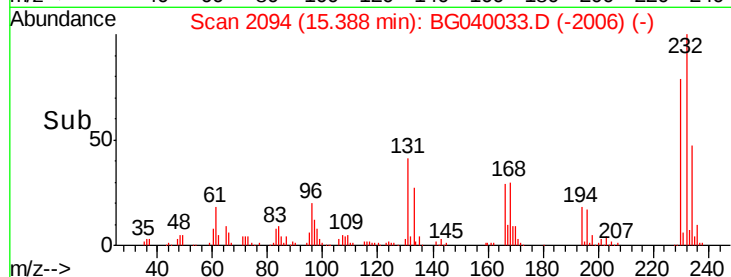
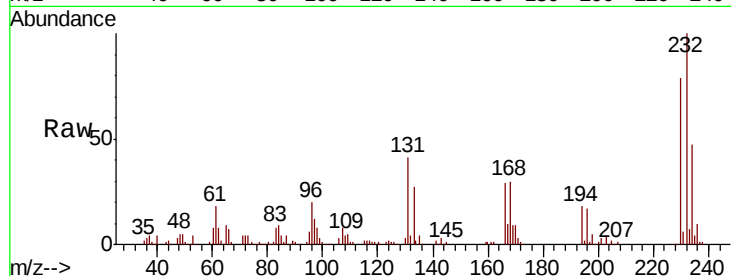
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.594 ng
 RT: 15.39 min Scan# 2094
 Delta R.T. -0.01 min
 Lab File: BG040033.D
 Acq: 20 Mar 2019 11:13

Instrument :
 BNA_G
 ClientSampleId :
 TP-7MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	138536		
131	42.1		34.9	52.3
130	2.3		2.0	3.0
166	31.3		24.1	36.1

Manual Integrations
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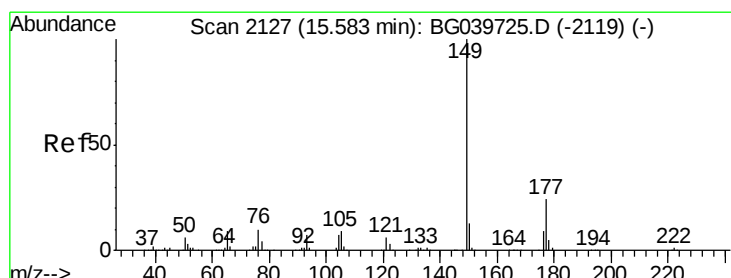
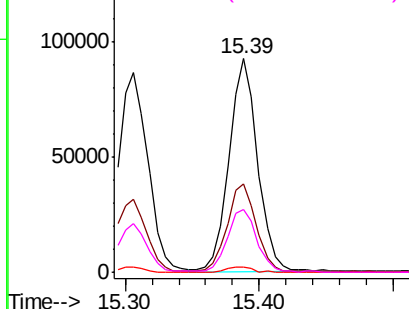
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

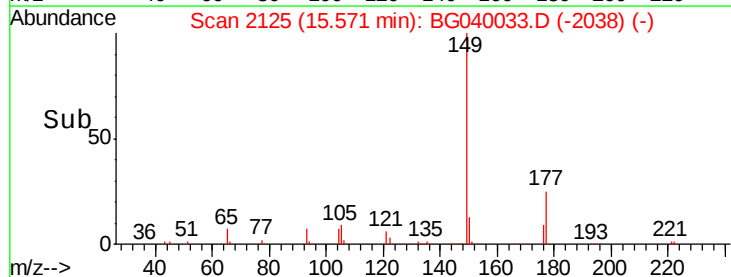
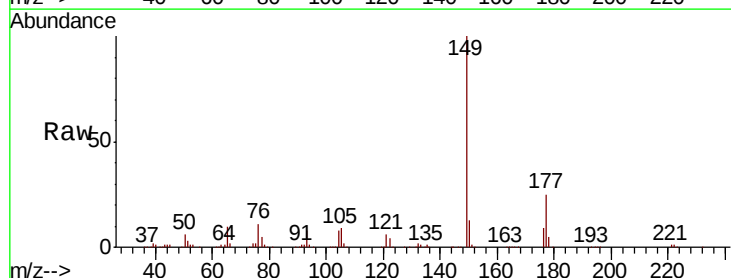
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 47.911 ng
 RT: 15.57 min Scan# 2125
 Delta R.T. -0.02 min
 Lab File: BG040033.D
 Acq: 20 Mar 2019 11:13

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	497366		
177	24.6		18.3	27.5
150	13.2		10.2	15.2

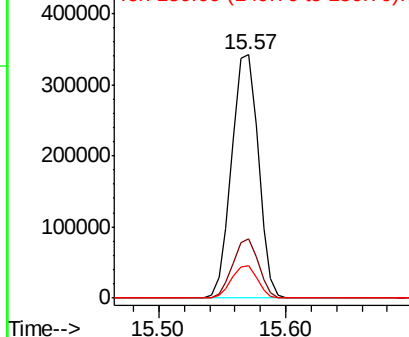


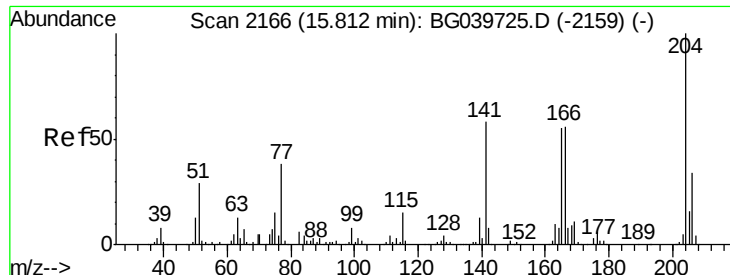
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





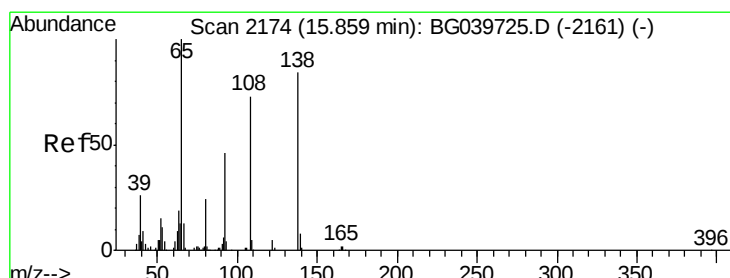
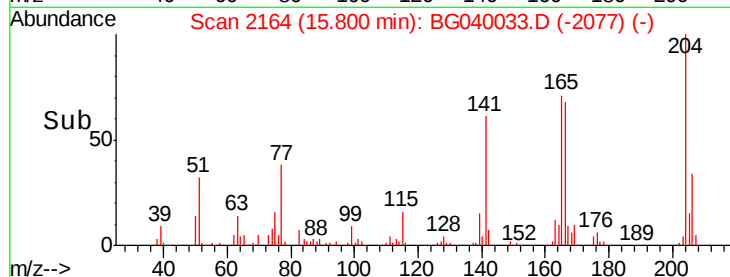
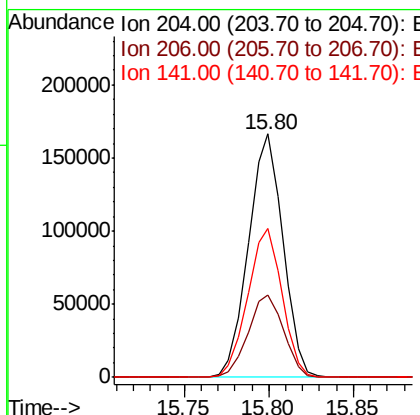
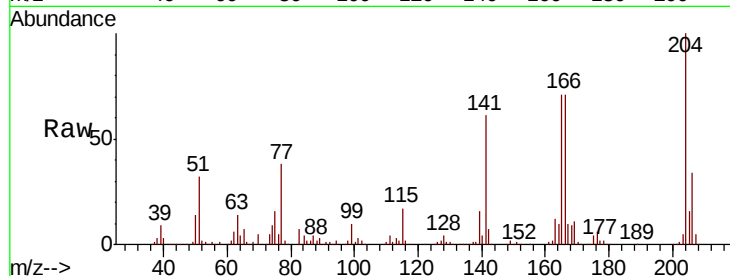
#61
4-Chlorophenyl-phenylether
Concen: 44.853 ng
RT: 15.80 min Scan# 2164
Delta R.T. -0.02 min
Lab File: BG040033.D
Acq: 20 Mar 2019 11:13

Instrument :
BNA_G
ClientSampled :
TP-7MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.9	29.2	43.8
141	61.4	49.0	73.4

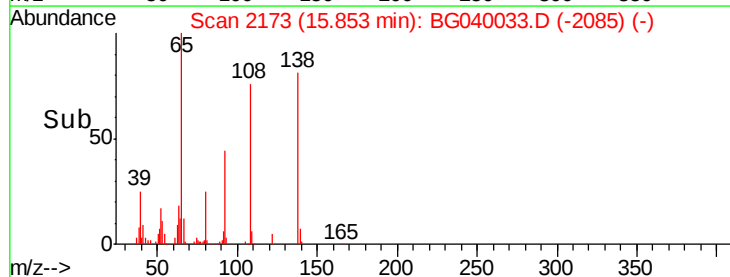
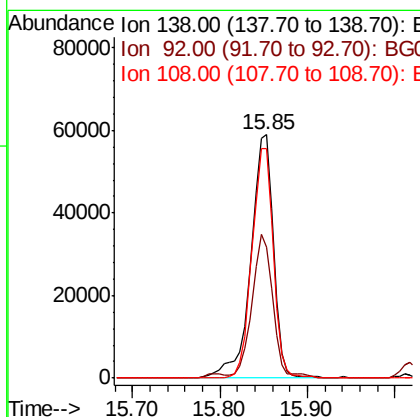
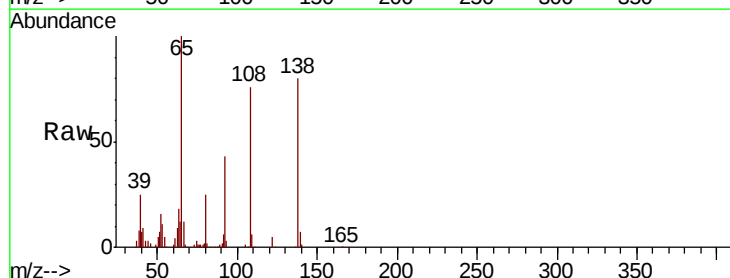
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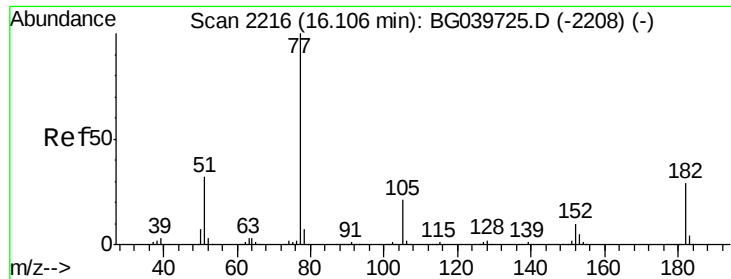
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#62
4-Nitroaniline
Concen: 42.879 ng
RT: 15.85 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BG040033.D
Acq: 20 Mar 2019 11:13

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.9	38.7	78.7
108	94.3	74.6	114.6





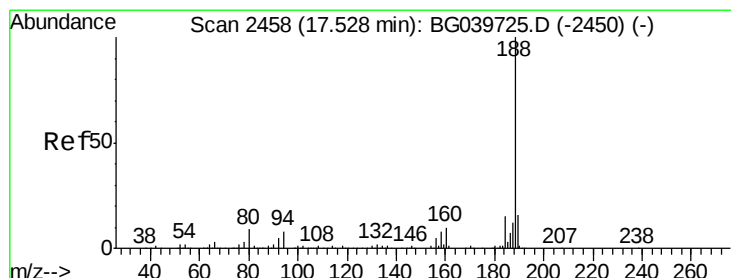
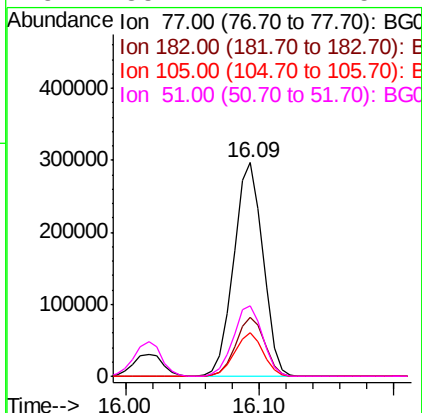
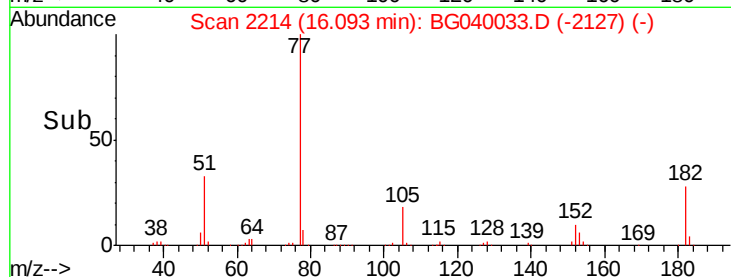
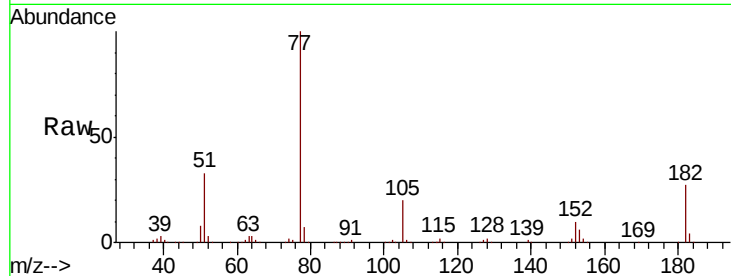
#63
Azobenzene
Concen: 47.675 ng
RT: 16.09 min Scan# 2214
Delta R.T. -0.02 min
Lab File: BG040033.D
Acq: 20 Mar 2019 11:13

Instrument :
BNA_G
ClientSampleId :
TP-7MSD

Tot Ion:	77	Resp:	448634
Ion	Ratio	Lower	Upper
77	100		
182	27.3	6.4	46.4
105	20.3	0.0	39.8
51	33.2	14.1	54.1

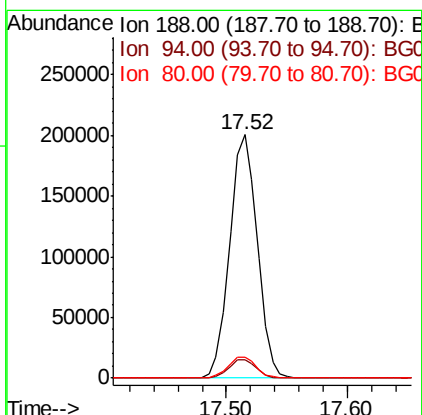
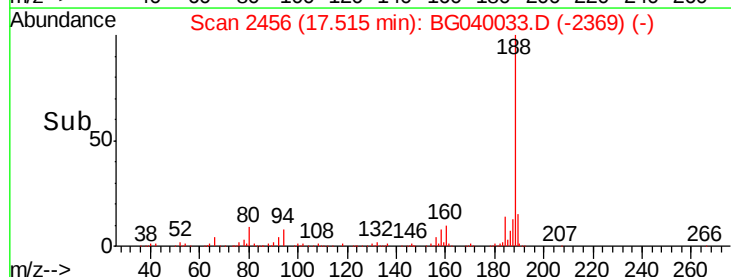
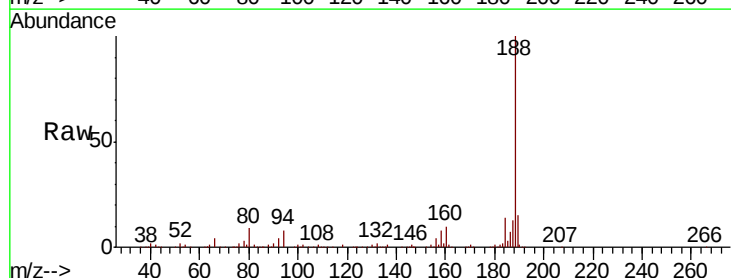
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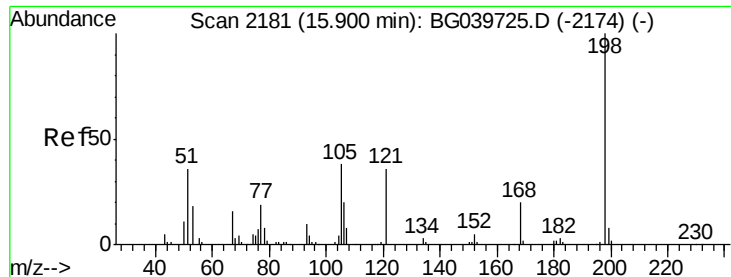
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG040033.D
Acq: 20 Mar 2019 11:13

Tgt Ion:	188	Resp:	318256
Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.9	10.3
80	8.6	8.1	12.1





#65

4,6-Dinitro-2-methylphenol

Concen: 23.361 ng

RT: 15.89 min Scan# 2179

Delta R.T. -0.02 min

Lab File: BG040033.D

Acq: 20 Mar 2019 11:13

Instrument :

BNA_G

ClientSampleId :

TP-7MSD

Tot Ion:198 Resp: 43959

Ion Ratio Lower Upper

198 100

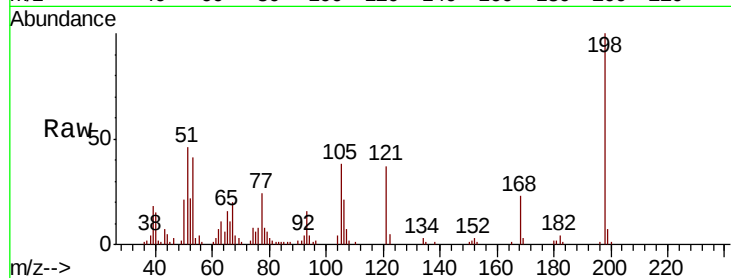
51 45.9 27.4 67.4

105 37.7 19.7 59.7

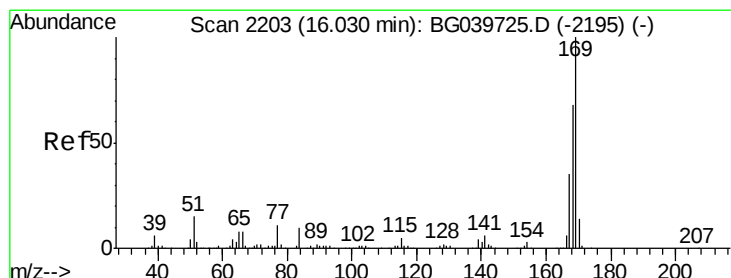
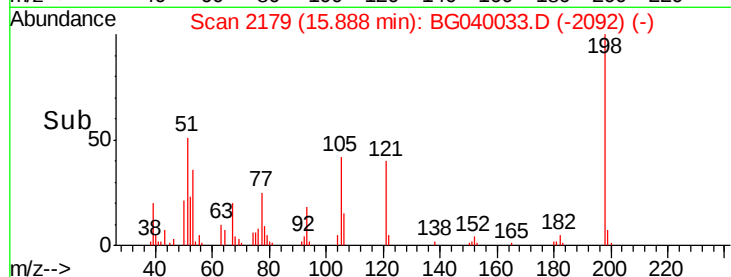
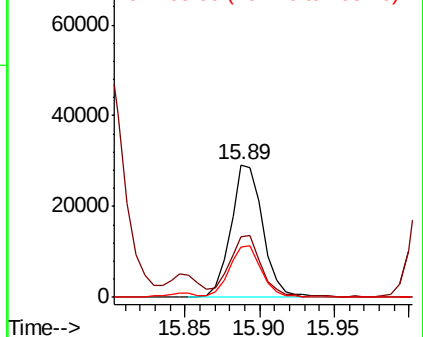
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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 45.344 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.02 min

Lab File: BG040033.D

Acq: 20 Mar 2019 11:13

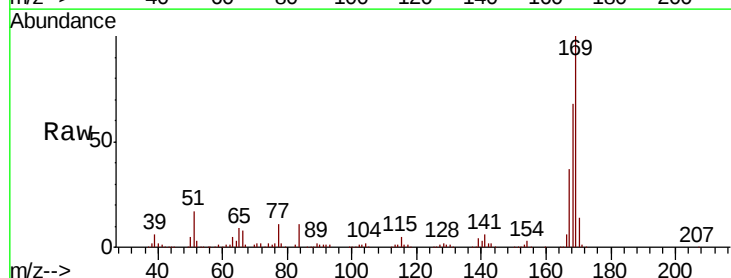
Tgt Ion:169 Resp: 417782

Ion Ratio Lower Upper

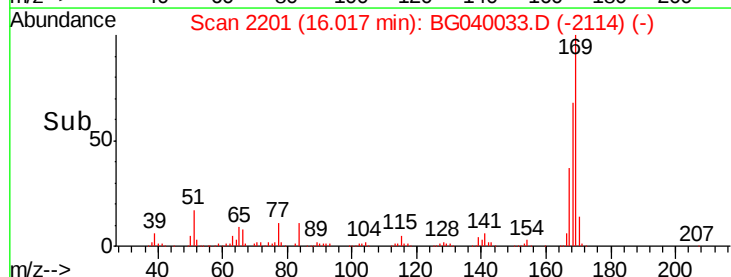
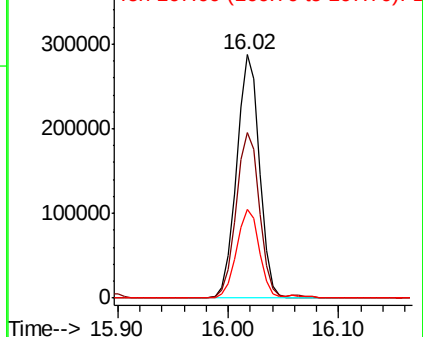
169 100

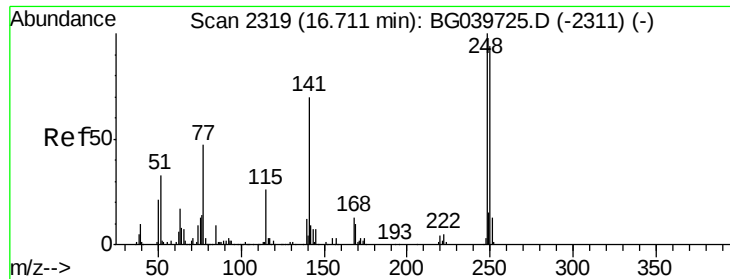
168 68.2 56.6 85.0

167 36.5 28.8 43.2



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 44.467 ng

RT: 16.69 min Scan# 2316

Delta R.T. -0.02 min

Lab File: BG040033.D

Acq: 20 Mar 2019 11:13

Instrument :

BNA_G

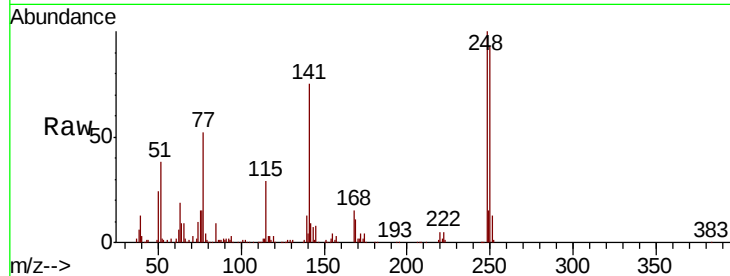
ClientSampled :

TP-7MSD

Tot Ion:	248	Resp:	158406
Ion Ratio	Lower	Upper	
248	100		
250	92.6	77.6	116.4
141	74.6	63.9	95.9

Manual Integrations
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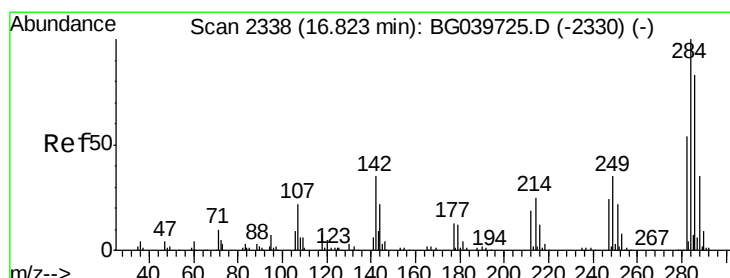
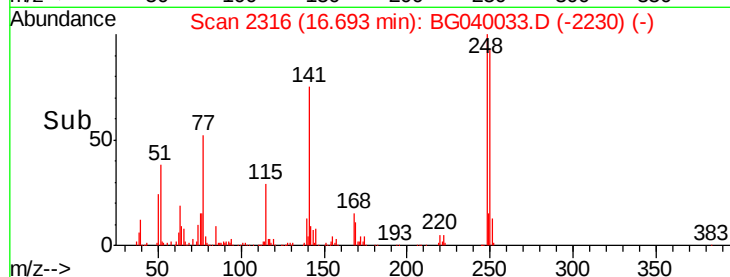
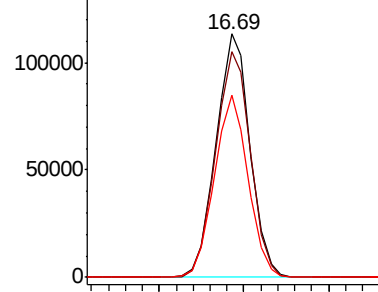


Abundance

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: 43.661 ng

RT: 16.81 min Scan# 2336

Delta R.T. -0.02 min

Lab File: BG040033.D

Acq: 20 Mar 2019 11:13

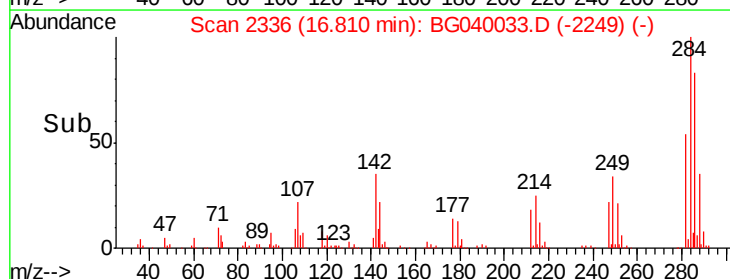
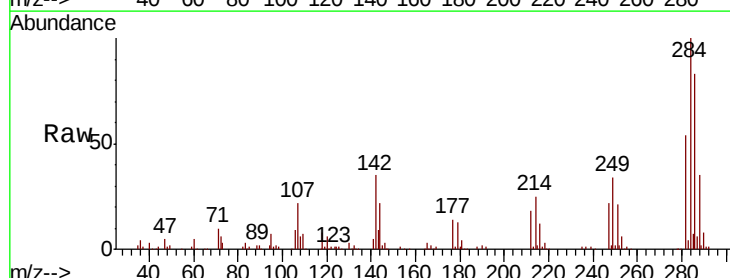
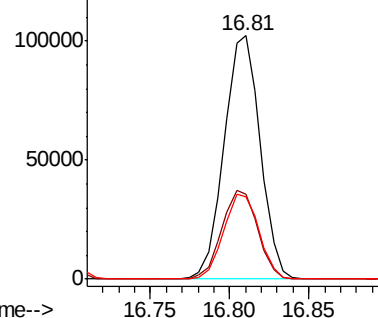
Tgt Ion:	284	Resp:	161223
Ion Ratio	Lower	Upper	
284	100		
142	34.6	30.6	45.8
249	33.9	28.2	42.2

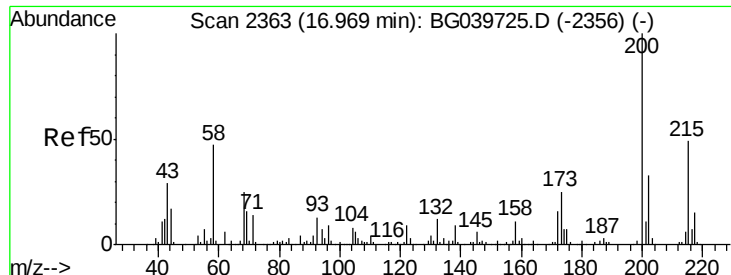
Abundance

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





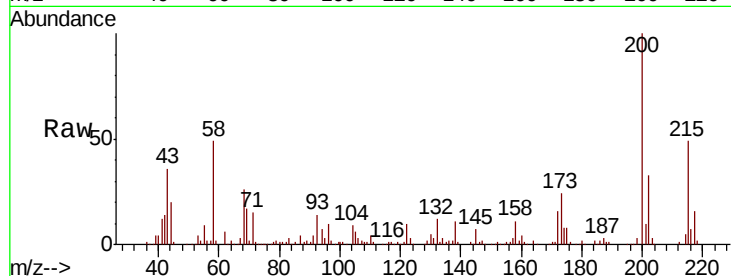
#69
Atrazine
Concen: 46.566 ng
RT: 16.96 min Scan# 2361
Delta R.T. -0.01 min
Lab File: BG040033.D
Acq: 20 Mar 2019 11:13

Instrument :
BNA_G
ClientSampleId :
TP-7MSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	24.1	3.9	43.9
215	49.4	30.9	70.9

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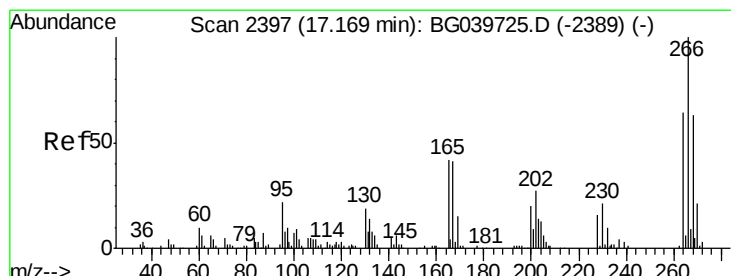
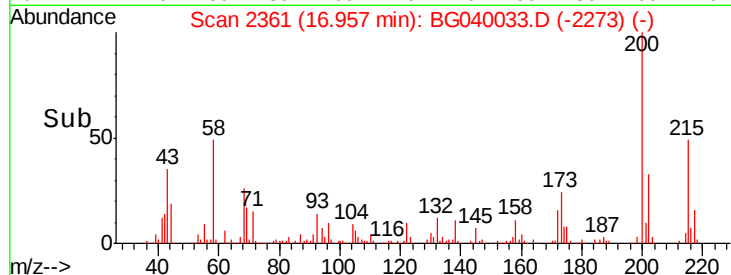
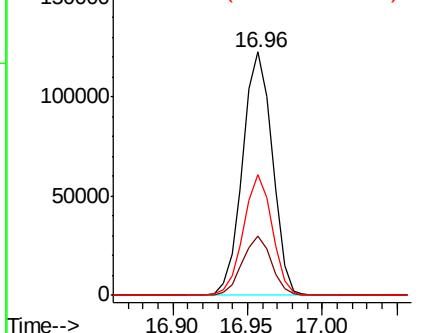


Abundance

Ion 200.00 (199.70 to 200.70): E

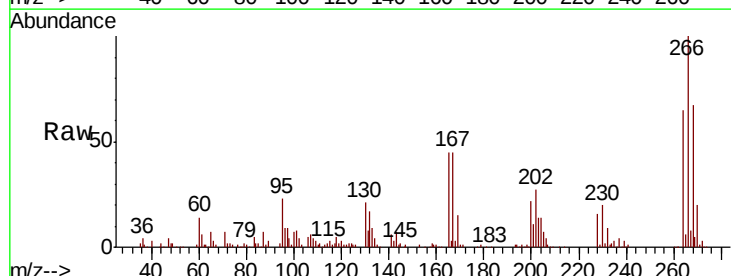
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 68.989 ng
RT: 17.16 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BG040033.D
Acq: 20 Mar 2019 11:13

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	67.3	51.1	76.7
264	64.9	52.1	78.1

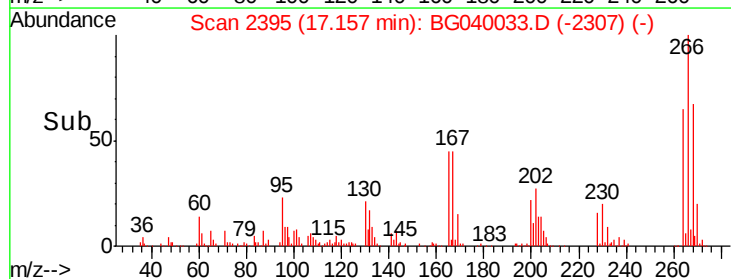
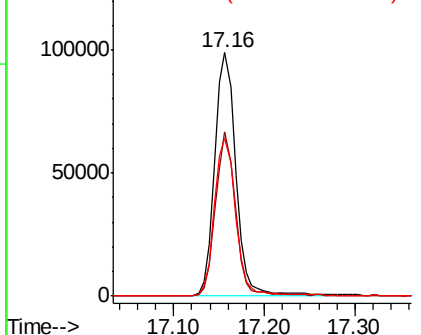


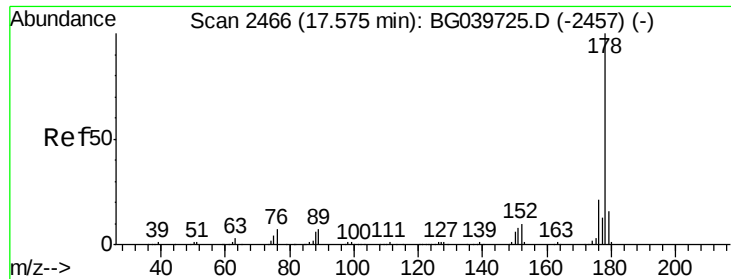
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





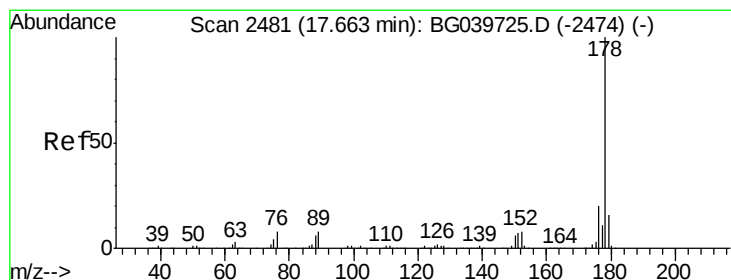
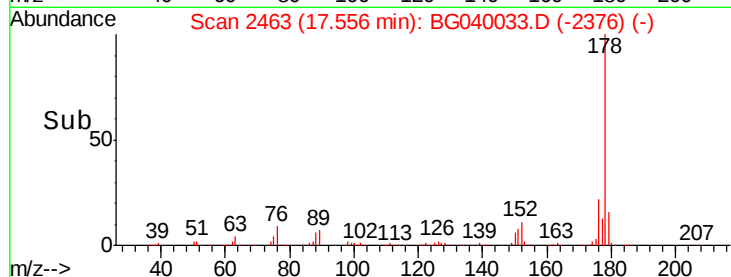
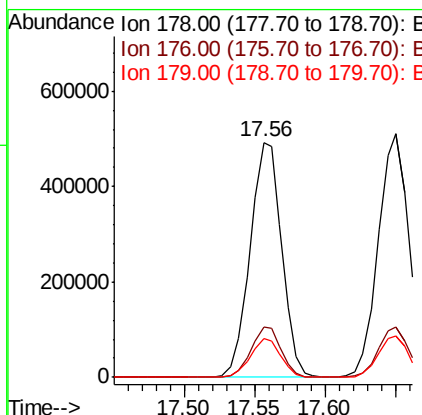
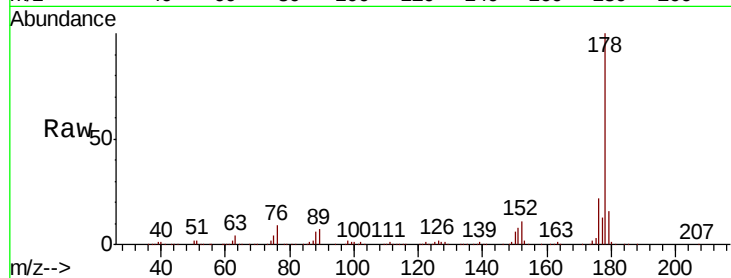
#71
Phenanthrene
Concen: 44.142 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.02 min
Lab File: BG040033.D
Acq: 20 Mar 2019 11:13

Instrument :
BNA_G
ClientSampleId :
TP-7MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.6	16.2	24.4
179	16.3	12.6	19.0

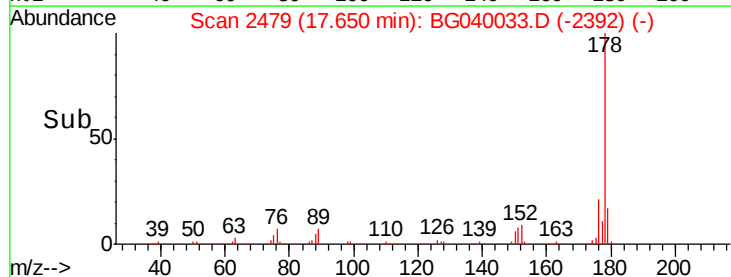
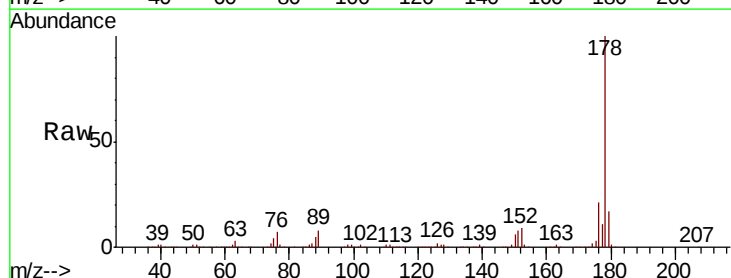
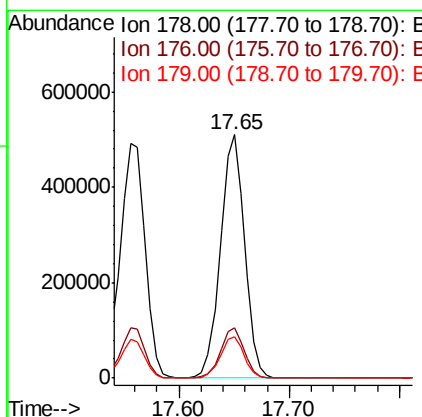
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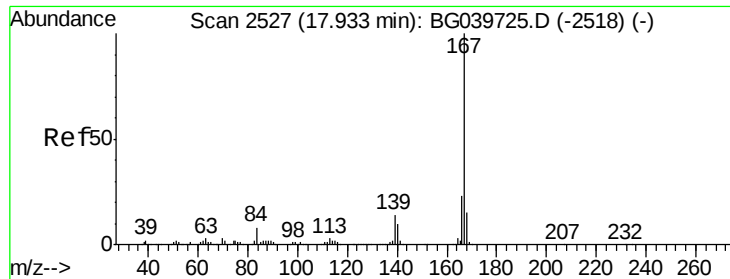
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#72
Anthracene
Concen: 45.362 ng
RT: 17.65 min Scan# 2479
Delta R.T. -0.02 min
Lab File: BG040033.D
Acq: 20 Mar 2019 11:13

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.7	15.8	23.6
179	16.9	12.5	18.7





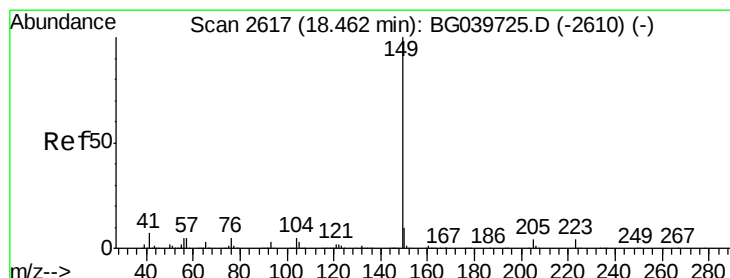
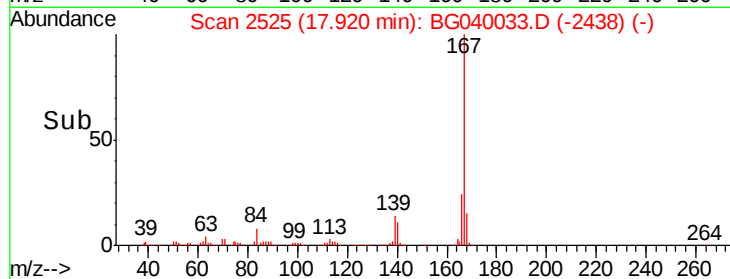
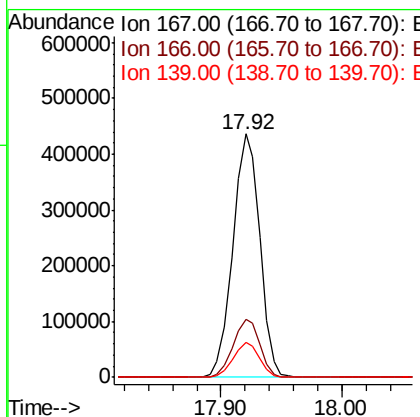
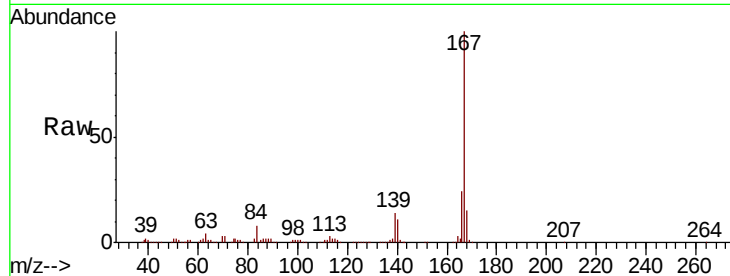
#73
 Carbazole
 Concen: 44.086 ng
 RT: 17.92 min Scan# 2525
 Delta R.T. -0.02 min
 Lab File: BG040033.D
 Acq: 20 Mar 2019 11:13

Instrument :
 BNA_G
 ClientSampled :
 TP-7MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.6	19.4	29.2
139	14.2	10.8	16.2

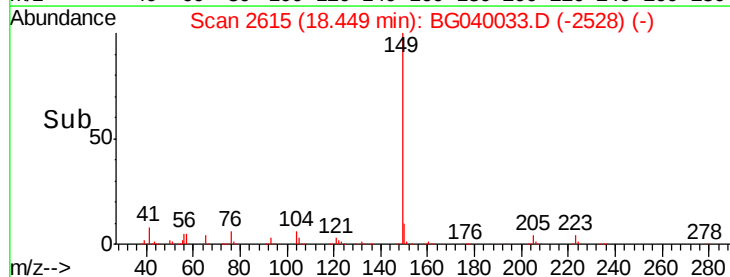
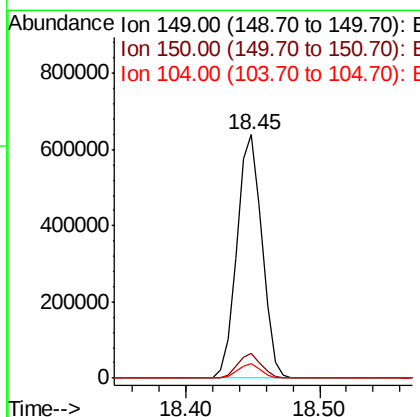
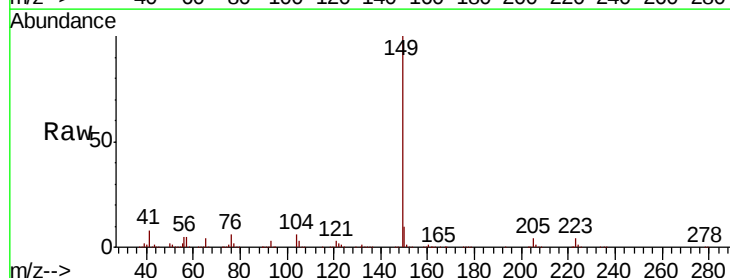
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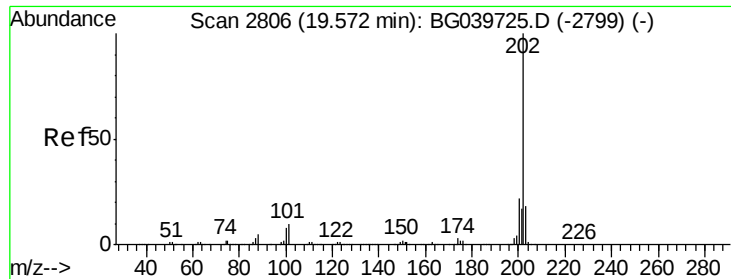
Sohil
 3/20/2019 4:59:29 PM



#74
 Di-n-butylphthalate
 Concen: 45.843 ng
 RT: 18.45 min Scan# 2615
 Delta R.T. -0.02 min
 Lab File: BG040033.D
 Acq: 20 Mar 2019 11:13

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.7	11.5
104	5.9	4.5	6.7





#75

Fluoranthene

Concen: 44.098 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.02 min

Lab File: BG040033.D

Acq: 20 Mar 2019 11:13

Instrument :

BNA_G

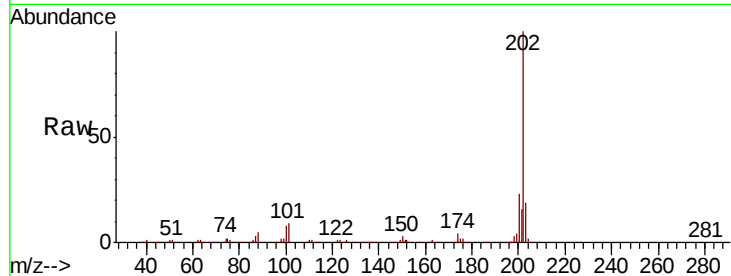
ClientSampleId :

TP-7MSD

Tot Ion:	202	Resp:	913597
Ion Ratio		Lower	Upper
202	100		
101	9.3	0.0	30.0
203	19.1	0.0	38.9

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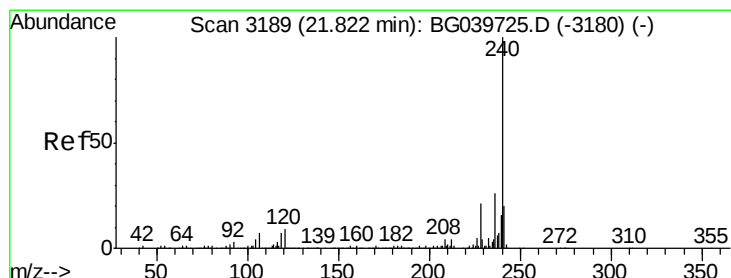
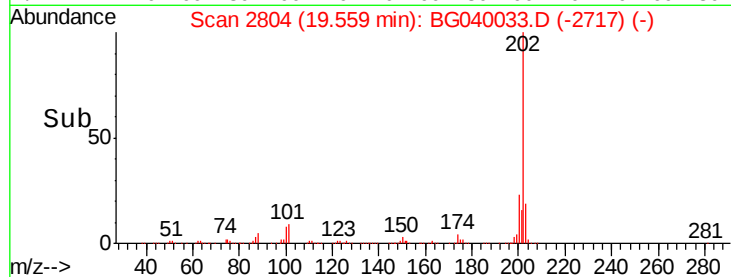
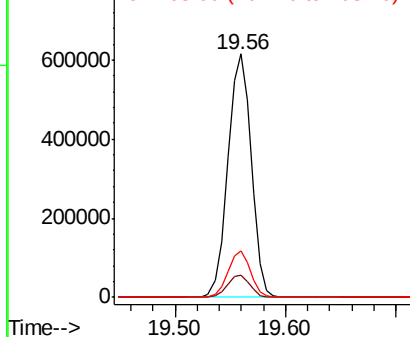


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3186

Delta R.T. -0.02 min

Lab File: BG040033.D

Acq: 20 Mar 2019 11:13

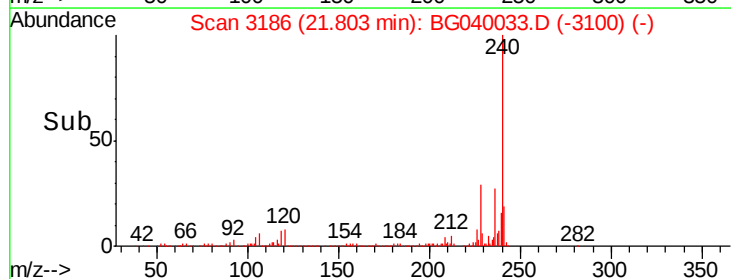
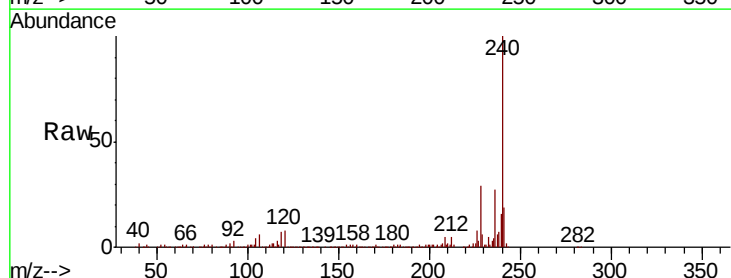
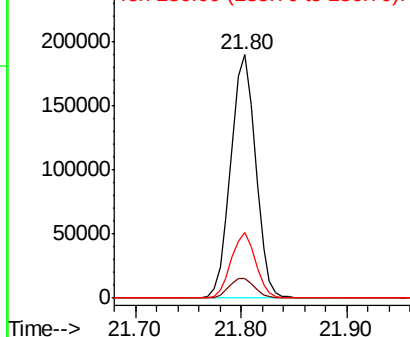
Tgt Ion:	240	Resp:	308499
Ion Ratio		Lower	Upper
240	100		
120	8.3	7.0	10.6
236	27.0	21.0	31.4

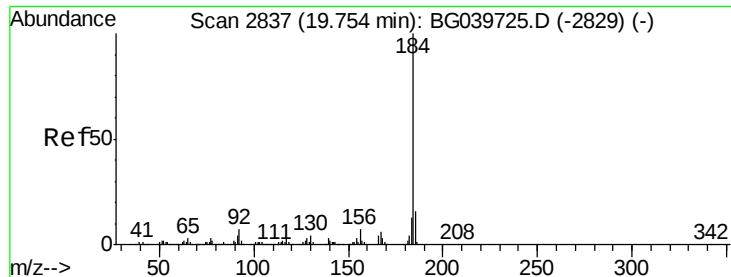
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 4.858 ng

RT: 19.74 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BG040033.D

Acq: 20 Mar 2019 11:13

Instrument :

BNA_G

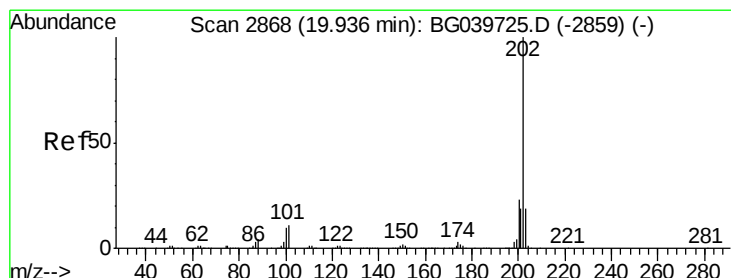
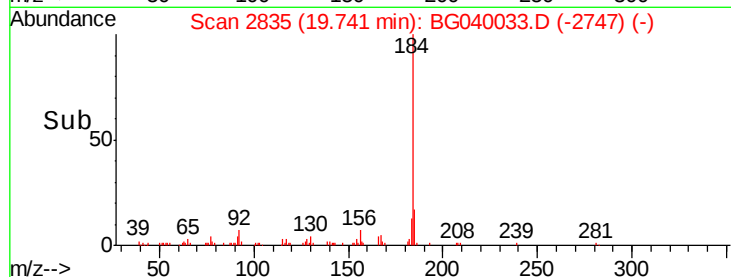
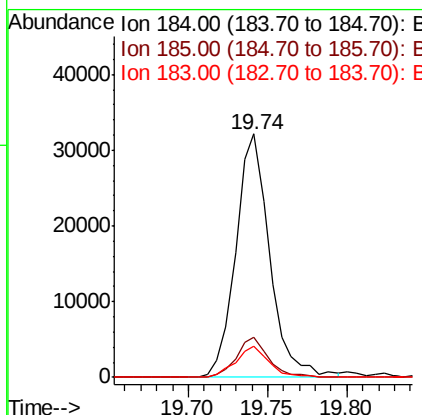
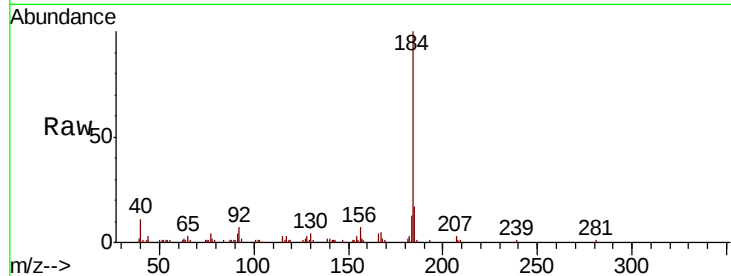
ClientSampleId :

TP-7MSD

Tot Ion:	184	Resp:	47562
Ion Ratio	Lower	Upper	
184	100		
185	16.6	12.2	18.2
183	12.8	10.6	15.8

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#78

Pyrene

Concen: 45.637 ng

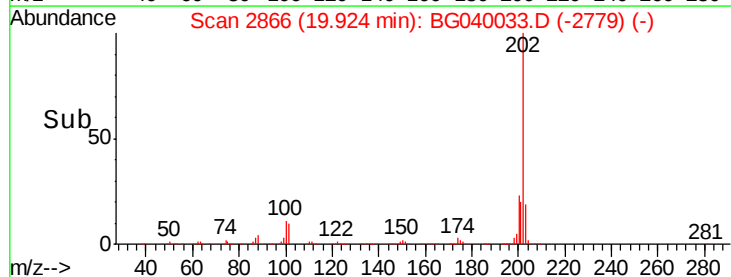
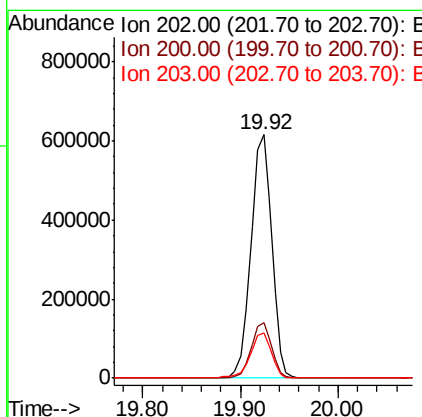
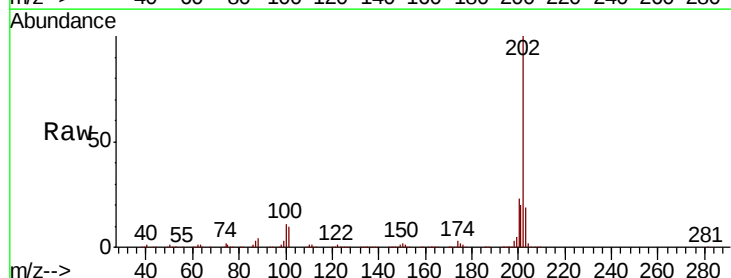
RT: 19.92 min Scan# 2866

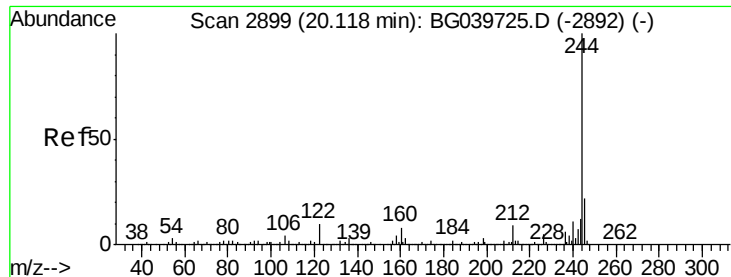
Delta R.T. -0.02 min

Lab File: BG040033.D

Acq: 20 Mar 2019 11:13

Tgt Ion:	202	Resp:	914861
Ion Ratio	Lower	Upper	
202	100		
200	22.8	17.8	26.8
203	18.6	15.3	22.9





#79

Terphenyl-d14

Concen: 89.905 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040033.D

Acq: 20 Mar 2019 11:13

Instrument :

BNA_G

ClientSampleId :

TP-7MSD

Tot Ion:244 Resp: 1259678

Ion Ratio Lower Upper

244 100

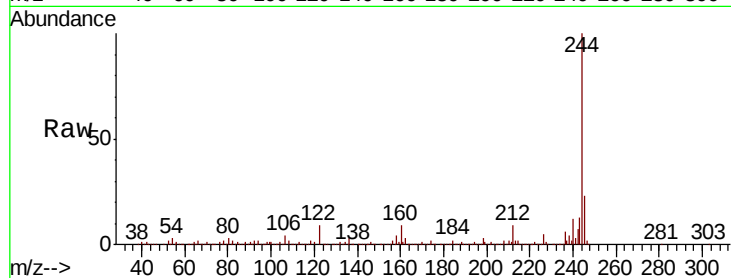
212 9.1 7.3 10.9

122 9.3 8.4 12.6

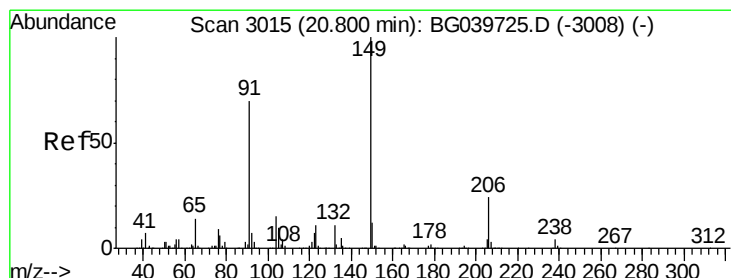
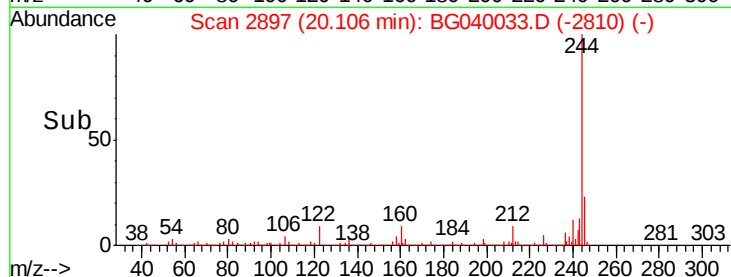
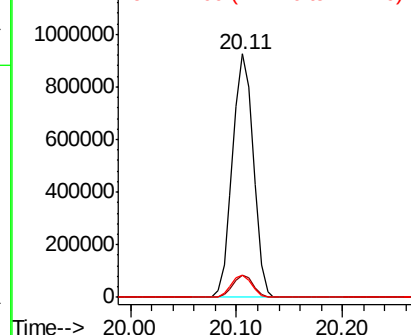
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 48.893 ng

RT: 20.78 min Scan# 3012

Delta R.T. -0.02 min

Lab File: BG040033.D

Acq: 20 Mar 2019 11:13

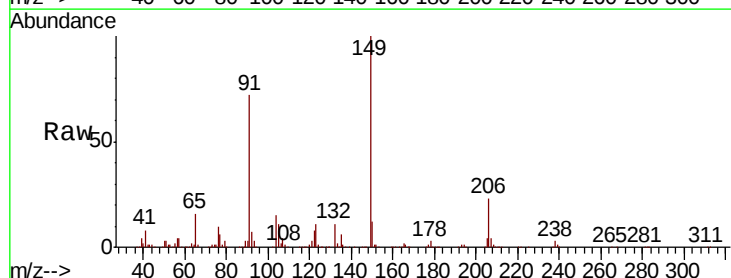
Tgt Ion:149 Resp: 379729

Ion Ratio Lower Upper

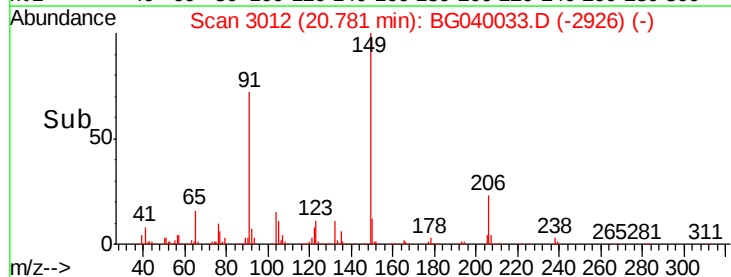
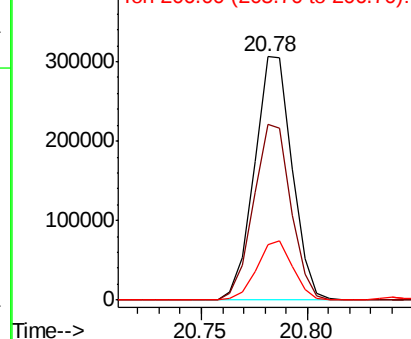
149 100

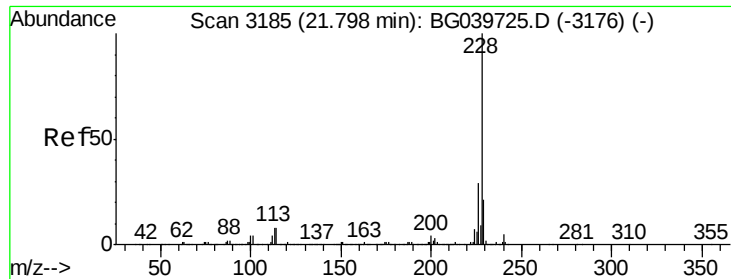
91 72.4 59.5 89.3

206 22.8 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





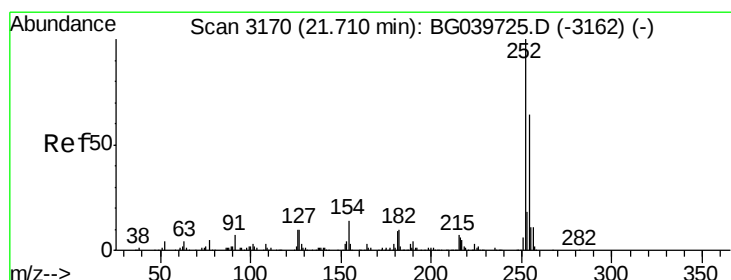
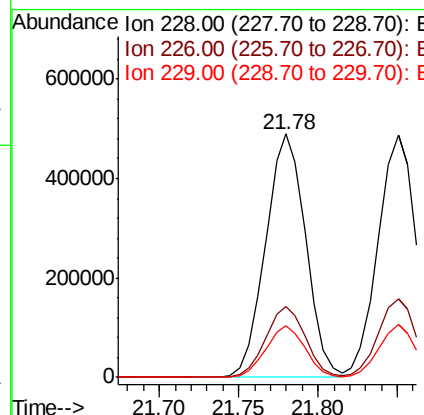
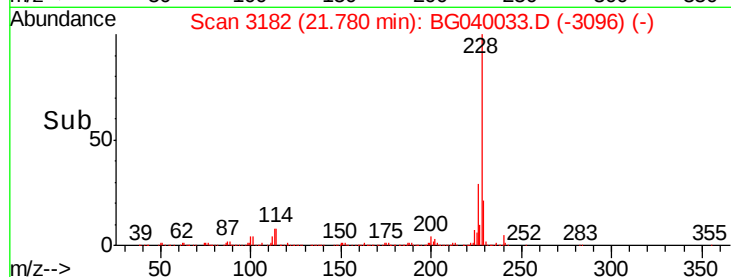
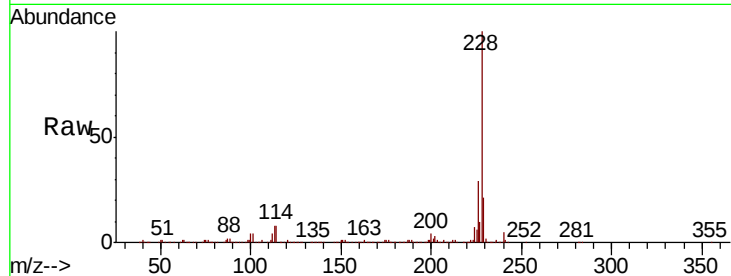
#81
Benzo(a)anthracene
Concen: 44.479 ng
RT: 21.78 min Scan# 3182
Delta R.T. -0.02 min
Lab File: BG040033.D
Acq: 20 Mar 2019 11:13

Instrument :
BNA_G
ClientSampleId :
TP-7MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.0	34.6
229	21.0	16.9	25.3

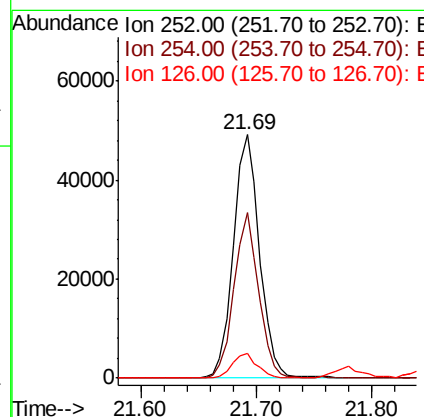
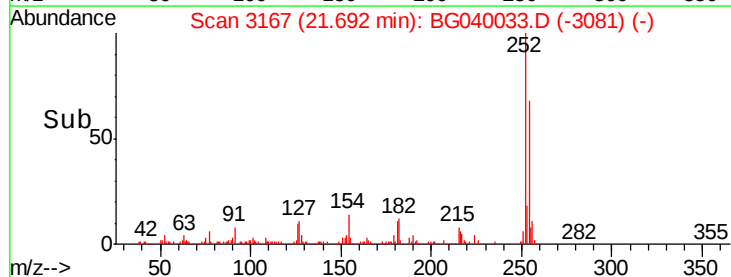
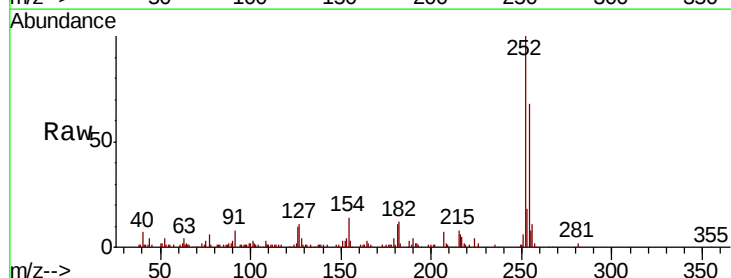
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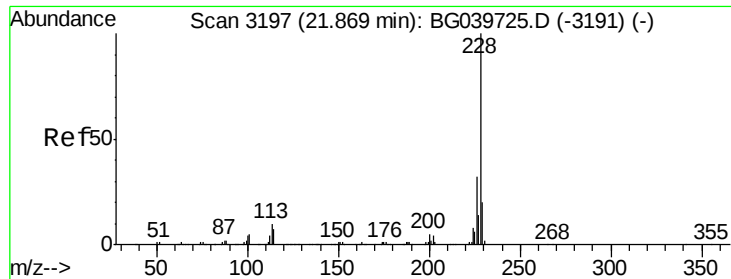
Sohil
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#82
3,3'-Dichlorobenzidine
Concen: 10.895 ng
RT: 21.69 min Scan# 3167
Delta R.T. -0.02 min
Lab File: BG040033.D
Acq: 20 Mar 2019 11:13

Tgt Ion	Ratio	Lower	Upper
252	100		
254	67.9	51.3	76.9
126	10.0	8.0	12.0





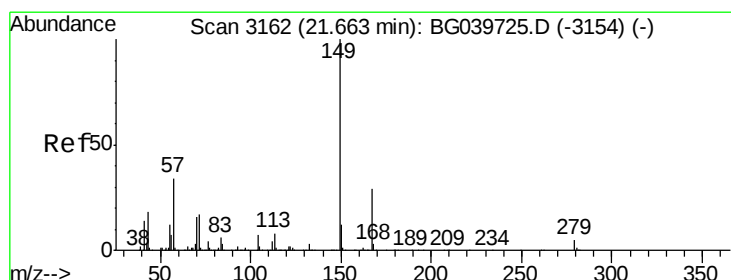
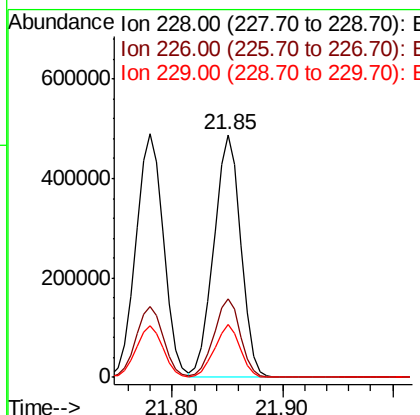
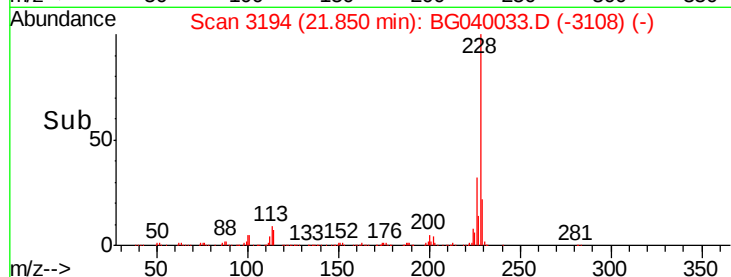
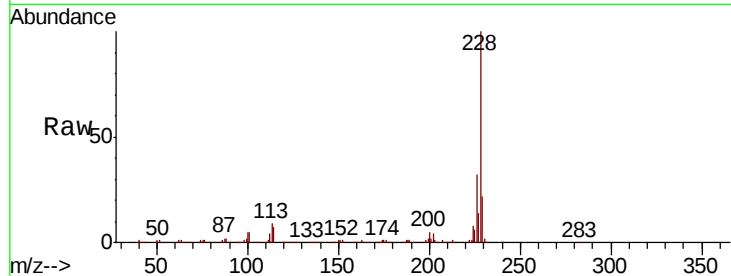
#83
Chrysene
Concen: 43.837 ng
RT: 21.85 min Scan# 3194
Delta R.T. -0.02 min
Lab File: BG040033.D
Acq: 20 Mar 2019 11:13

Instrument :
BNA_G
ClientSampleId :
TP-7MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.4	25.8	38.6
229	21.6	16.6	25.0

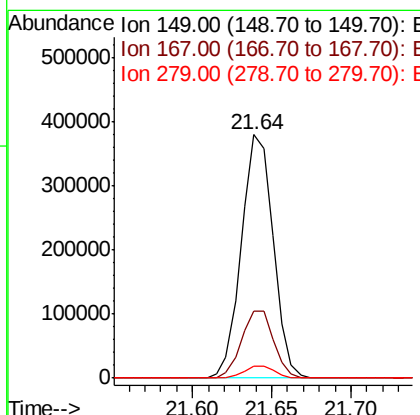
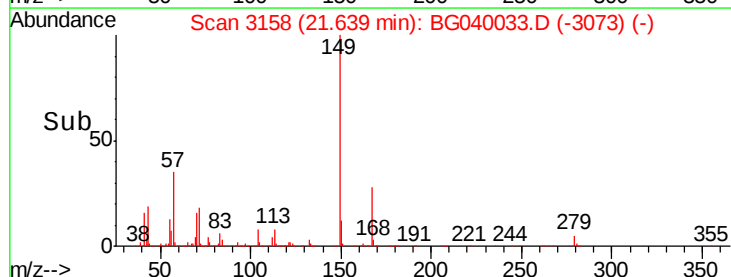
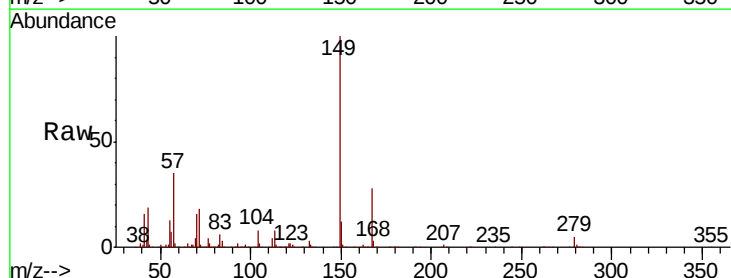
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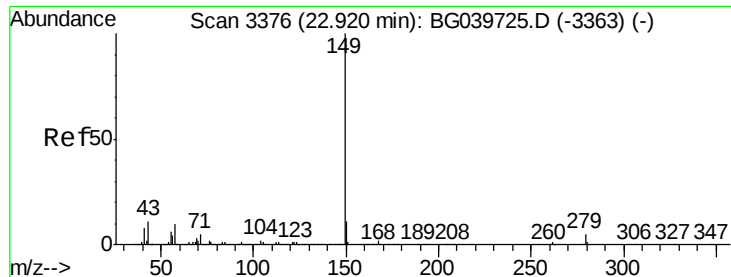
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#84
Bis(2-ethylhexyl)phthalate
Concen: 48.481 ng
RT: 21.64 min Scan# 3158
Delta R.T. -0.03 min
Lab File: BG040033.D
Acq: 20 Mar 2019 11:13

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.6	34.0
279	4.9	3.5	5.3





#85

Di-n-octyl phthalate

Concen: 49.553 ng

RT: 22.89 min Scan# 3371

Delta R.T. -0.04 min

Lab File: BG040033.D

Acq: 20 Mar 2019 11:13

Instrument :

BNA_G

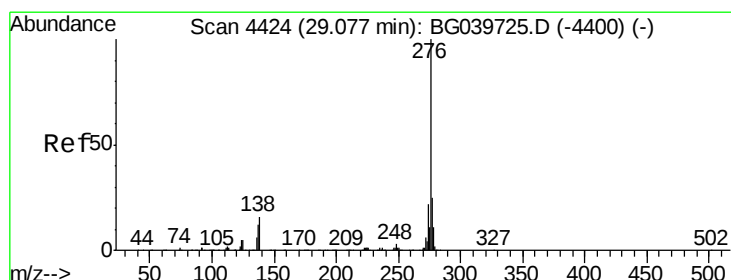
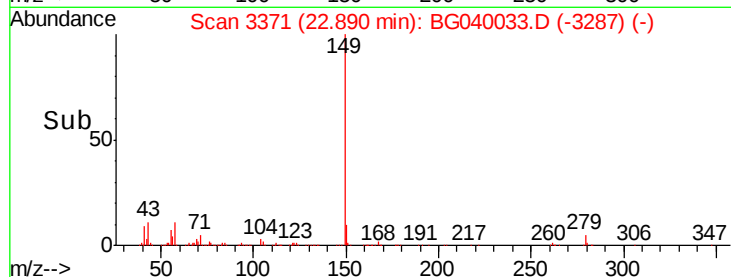
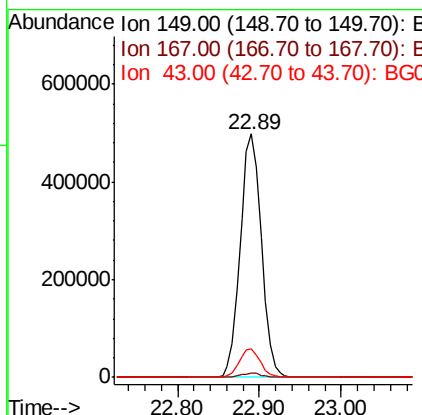
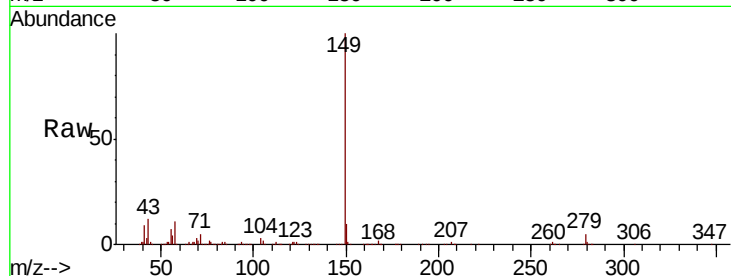
ClientSampled :

TP-7MSD

Tot Ion:	149	Resp:	895460
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.3	1.9
43	11.5	10.2	15.4

Manual Integrations
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#86

Indeno(1,2,3-cd)pyrene

Concen: 46.689 ng

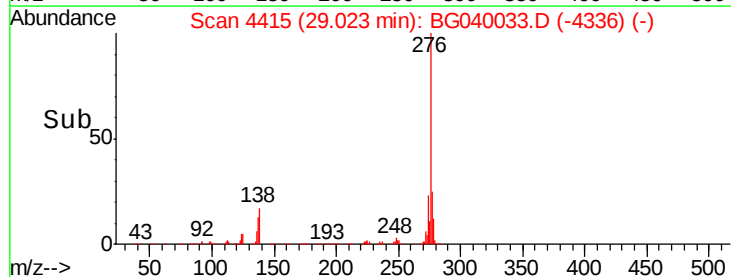
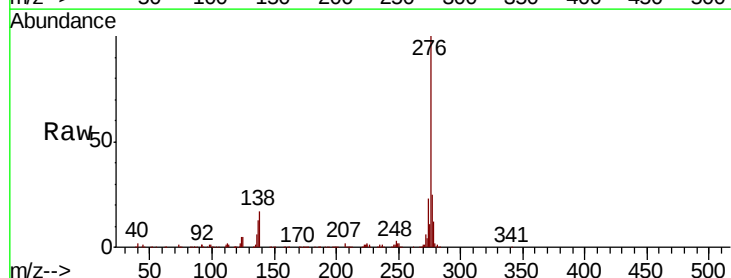
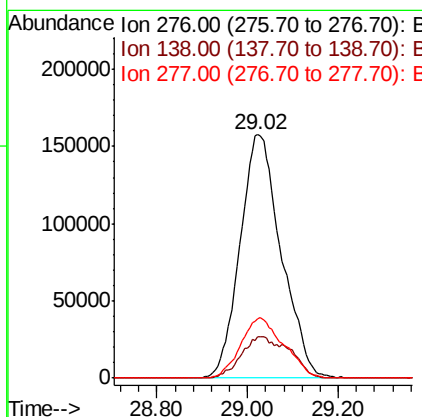
RT: 29.02 min Scan# 4415

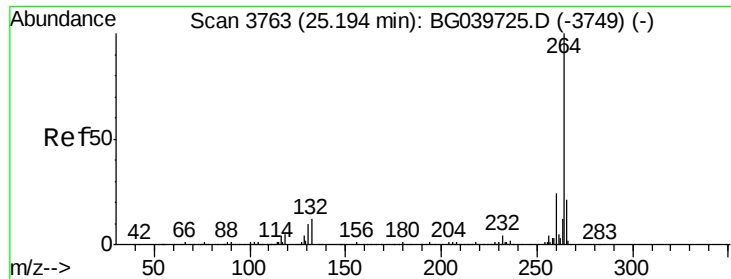
Delta R.T. -0.07 min

Lab File: BG040033.D

Acq: 20 Mar 2019 11:13

Tgt Ion:	276	Resp:	992812
Ion Ratio	Lower	Upper	
276	100		
138	20.0	12.6	19.0#
277	25.9	20.8	31.2





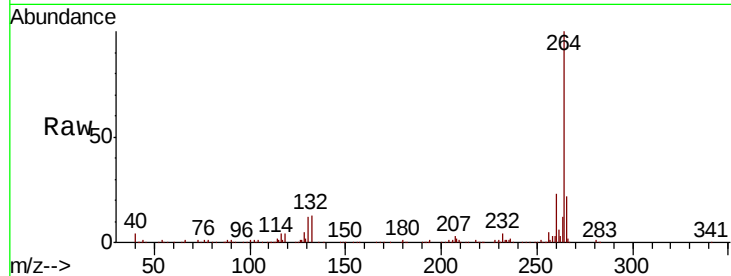
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.16 min Scan# 3757
Delta R.T. -0.04 min
Lab File: BG040033.D
Acq: 20 Mar 2019 11:13

Instrument :
BNA_G
ClientSampled :
TP-7MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.4
265	22.5	18.5	27.7

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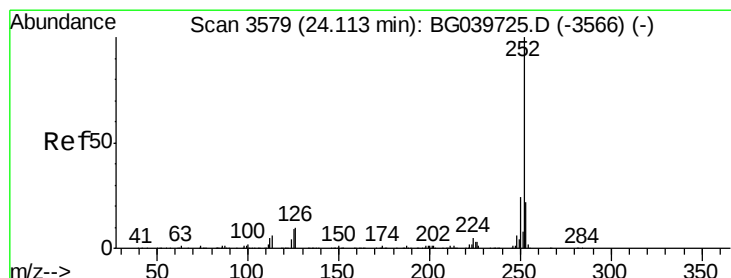
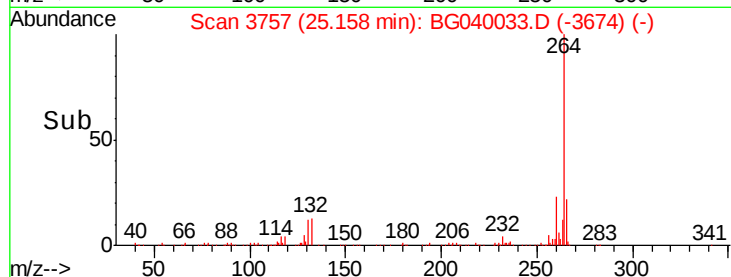
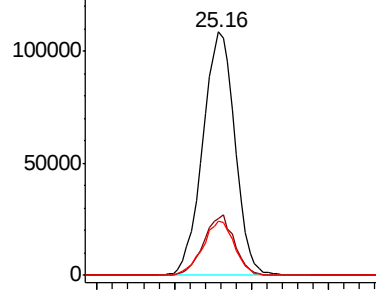


Abundance

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: 45.795 ng
RT: 24.08 min Scan# 3574
Delta R.T. -0.04 min
Lab File: BG040033.D
Acq: 20 Mar 2019 11:13

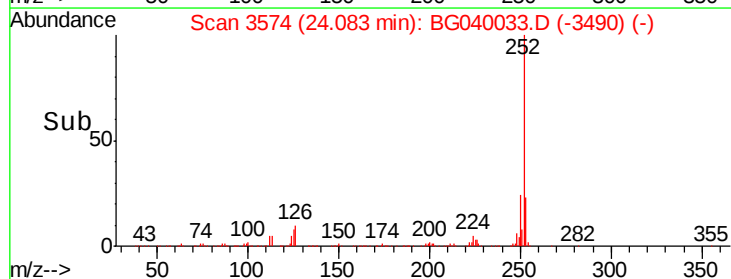
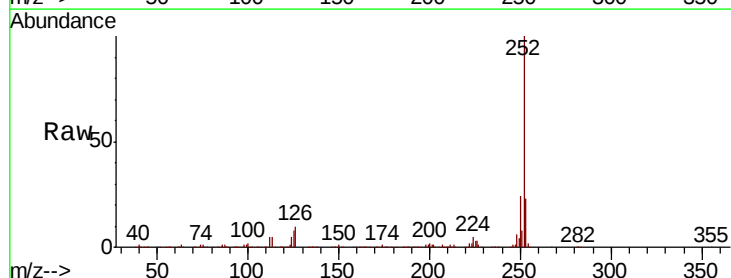
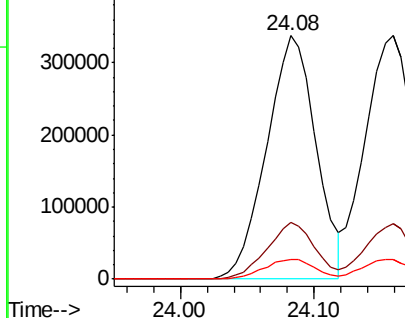
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.8
125	8.1	7.8	11.6

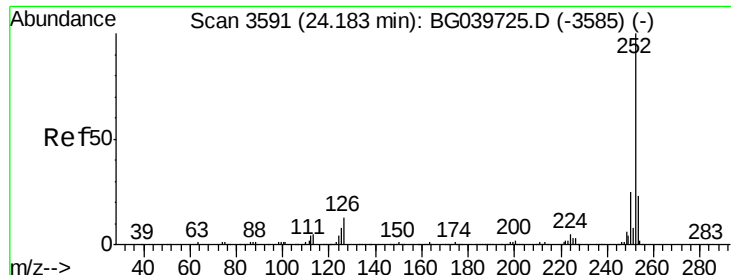
Abundance

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





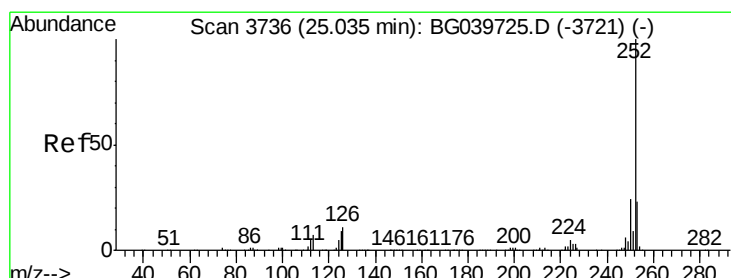
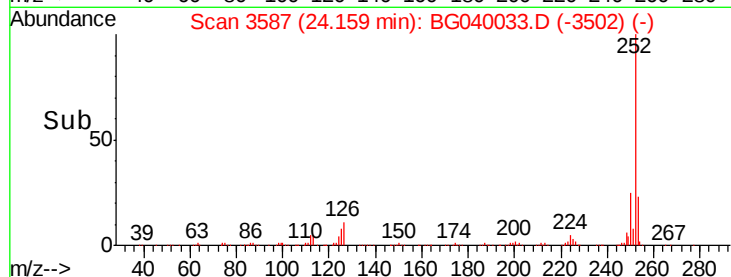
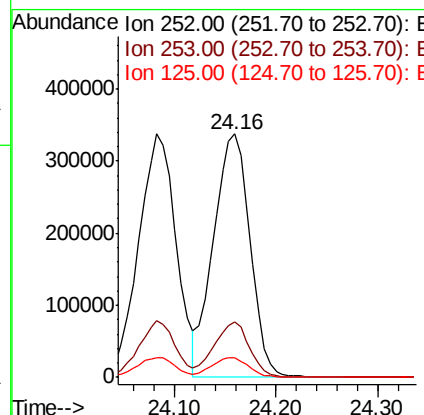
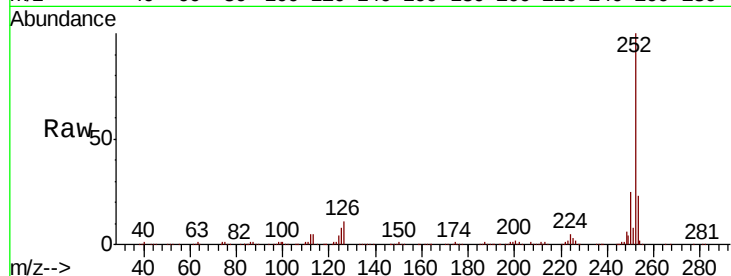
#89
Benzo(k)fluoranthene
Concen: 47.798 ng
RT: 24.16 min Scan# 3587
Delta R.T. -0.03 min
Lab File: BG040033.D
Acq: 20 Mar 2019 11:13

Instrument :
BNA_G
ClientSampleId :
TP-7MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	8.3	7.4	11.2

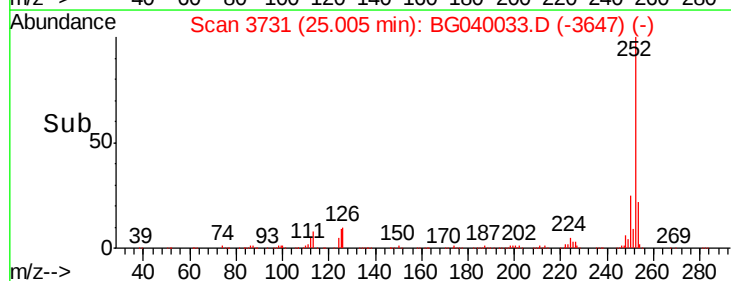
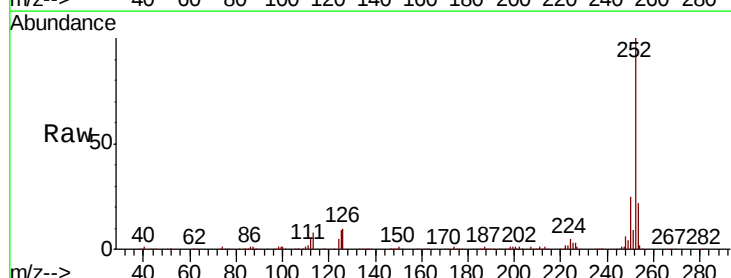
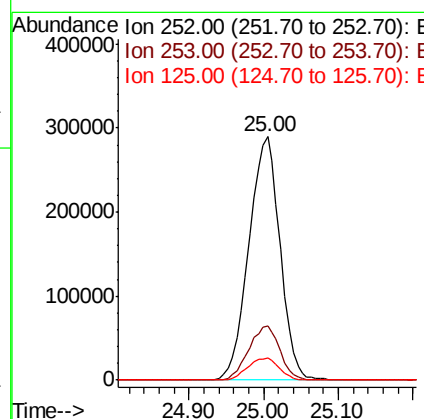
Manual Integrations
APPROVED

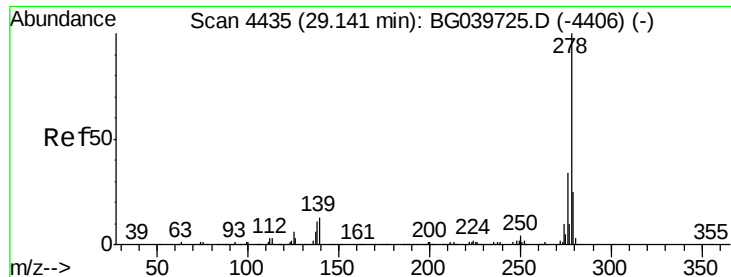
Sohil
3/20/2019 4:59:29 PM



#90
Benzo(a)pyrene
Concen: 47.943 ng
RT: 25.00 min Scan# 3731
Delta R.T. -0.04 min
Lab File: BG040033.D
Acq: 20 Mar 2019 11:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	9.0	8.3	12.5





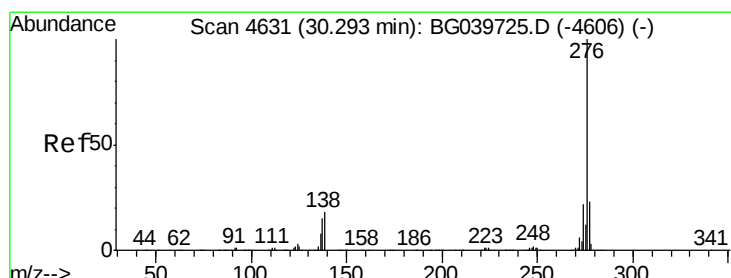
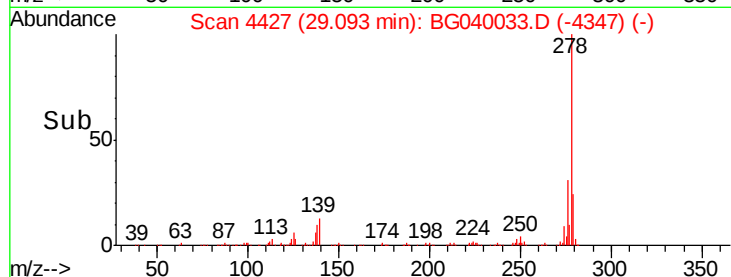
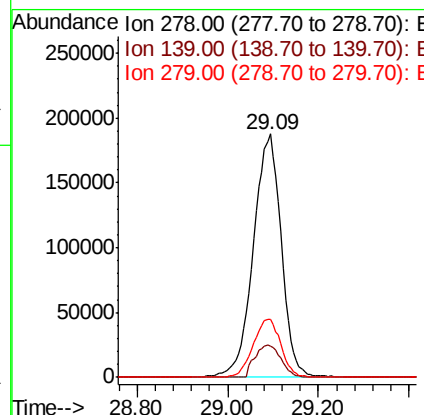
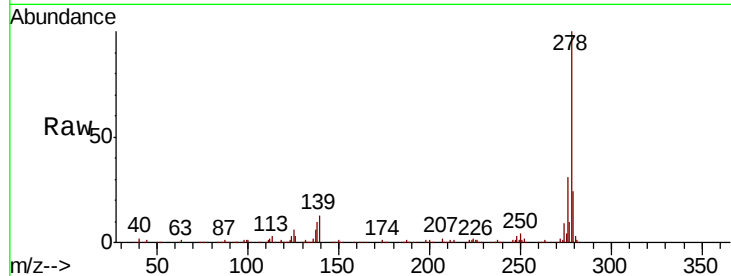
#91
Dibenzo(a,h)anthracene
Concen: 46.794 ng
RT: 29.09 min Scan# 4427
Delta R.T. -0.06 min
Lab File: BG040033.D
Acq: 20 Mar 2019 11:13

Instrument :
BNA_G
ClientSampled :
TP-7MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.0	11.7	17.5
279	24.0	19.1	28.7

Manual Integrations
APPROVED

Sohil
3/20/2019 4:59:29 PM



#92
Benzo(g,h,i)perylene
Concen: 47.377 ng
RT: 30.24 min Scan# 4623
Delta R.T. -0.07 min
Lab File: BG040033.D
Acq: 20 Mar 2019 11:13

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.6	29.4
138	17.4	14.7	22.1

