

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031319\
 Data File : BG039913.D
 Acq On : 13 Mar 2019 22:02
 Operator : JU/SJ
 Sample : K1869-08MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-1MSD

Manual Integrations
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Sohil
 3/14/2019 11:12:15 AM

Quant Time: Mar 14 04:38:57 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	42700	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	180636	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	116452	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	275407	20.00	ng	-0.01
76) Chrysene-d12	21.80	240	295266	20.00	ng	-0.02
87) Perylene-d12	25.16	264	305513	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.70	112	308638	123.31	ng	-0.01
7) Phenol-d6	7.29	99	402849	107.94	ng	-0.02
23) Nitrobenzene-d5	9.33	82	305502	91.47	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	183899	135.49	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	709757	86.78	ng	-0.02
79) Terphenyl-d14	20.11	244	1139510	84.97	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.59	88	39182	33.908	ng	# 1
3) Pyridine	4.00	79	98492	31.838	ng	97
4) n-Nitrosodimethylamine	3.91	42	56248	38.327	ng	95
6) Aniline	7.48	93	117568	24.045	ng	97
8) 2-Chlorophenol	7.71	128	118220	38.933	ng	97
9) Benzaldehyde	7.29	77	51763	21.502	ng	98
10) Phenol	7.32	94	136791	33.834	ng	98
11) bis(2-Chloroethyl)ether	7.56	93	123756	39.261	ng	100
12) 1,3-Dichlorobenzene	8.03	146	132225	38.502	ng	98
13) 1,4-Dichlorobenzene	8.18	146	136108	38.909	ng	98
14) 1,2-Dichlorobenzene	8.50	146	130595	38.640	ng	96
15) Benzyl Alcohol	8.39	79	118397	39.993	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.67	45	244937	38.852	ng	99
17) 2-Methylphenol	8.58	107	100123	38.838	ng	98
18) Hexachloroethane	9.23	117	48427	38.582	ng	96
19) n-Nitroso-di-n-propylamine	8.95	70	102616	38.201	ng	94
20) 3+4-Methylphenols	8.91	107	133928	37.396	ng	95
22) Acetophenone	8.97	105	191183	39.434	ng	97
24) Nitrobenzene	9.37	77	148370	42.345	ng	99
25) Isophorone	9.88	82	292001	41.725	ng	99
26) 2-Nitrophenol	10.08	139	70190	41.491	ng	93
27) 2,4-Dimethylphenol	10.12	122	125230	47.597	ng	93
28) bis(2-Chloroethoxy)methane	10.36	93	174245	40.972	ng	99
29) 2,4-Dichlorophenol	10.61	162	133448	45.049	ng	94
30) 1,2,4-Trichlorobenzene	10.82	180	136759	41.027	ng	98
31) Naphthalene	11.02	128	390210	40.800	ng	99
32) Benzoic acid	10.22	122	20928	16.591	ng	96
33) 4-Chloroaniline	11.14	127	30717	7.574	ng	97
34) Hexachlorobutadiene	11.28	225	92730	40.710	ng	98
35) Caprolactam	11.91	113	32289m	28.534	ng	
36) 4-Chloro-3-methylphenol	12.23	107	138129	40.677	ng	99
37) 2-Methylnaphthalene	12.61	142	295136	41.276	ng	97
38) 1-Methylnaphthalene	12.83	142	277296	39.906	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	165105	41.851	ng	98

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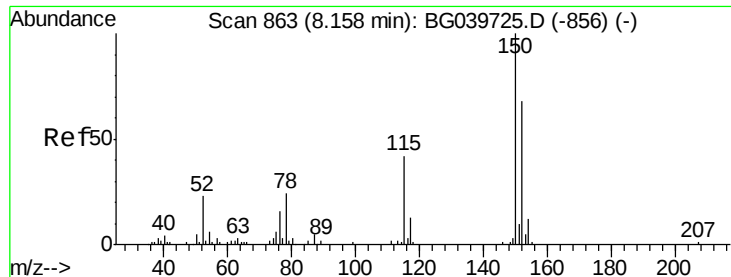
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	206031	97.451	nq	99
43) 2,4,6-Trichlorophenol	13.21	196	107292	46.453	nq	98
44) 2,4,5-Trichlorophenol	13.28	196	113994	43.786	nq	95
46) 1,1'-Biphenyl	13.61	154	399613	41.722	nq	98
47) 2-Chloronaphthalene	13.66	162	304004	42.191	nq	98
48) 2-Nitroaniline	13.87	65	105605	45.606	nq	94
49) Acenaphthylene	14.50	152	485562	41.050	nq	99
50) Dimethylphthalate	14.22	163	406272	41.722	nq	99
51) 2,6-Dinitrotoluene	14.36	165	91493	44.321	nq	95
52) Acenaphthene	14.84	154	296989	41.716	nq	99
53) 3-Nitroaniline	14.68	138	53077	25.578	nq #	92
54) 2,4-Dinitrophenol	14.89	184	53166	43.412	nq	96
55) Dibenzofuran	15.17	168	483264	41.373	nq	96
56) 4-Nitrophenol	14.98	139	129585	69.808	nq	90
57) 2,4-Dinitrotoluene	15.14	165	127488	43.952	nq #	88
58) Fluorene	15.82	166	381056	41.498	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	115508	45.430	nq	97
60) Diethylphthalate	15.57	149	410169	42.551	nq	99
61) 4-Chlorophenyl-phenylether	15.80	204	207590	42.365	nq	99
62) 4-Nitroaniline	15.85	138	96259	42.789	nq	92
63) Azobenzene	16.09	77	366895	41.988	nq	99
65) 4,6-Dinitro-2-methylphenol	15.89	198	49538	30.421	nq	99
66) n-Nitrosodiphenylamine	16.02	169	348646	43.728	nq	99
67) 4-Bromophenyl-phenylether	16.70	248	132879	43.104	nq	95
68) Hexachlorobenzene	16.81	284	135495	42.402	nq	94
69) Atrazine	16.96	200	141010	44.937	nq	95
70) Pentachlorophenol	17.16	266	147142	72.911	nq	99
71) Phenanthrene	17.56	178	637710	42.038	nq	99
72) Anthracene	17.65	178	646572	43.738	nq	99
73) Carbazole	17.93	167	573544	43.037	nq	98
74) Di-n-butylphthalate	18.46	149	715935	45.659	nq	100
75) Fluoranthene	19.56	202	793415	44.256	nq	99
77) Benzidine	19.74	184	173107	18.475	nq	98
78) Pyrene	19.92	202	796830	41.531	nq	99
80) Butylbenzylphthalate	20.79	149	340308	45.781	nq	95
81) Benzo(a)anthracene	21.79	228	774753	41.867	nq	98
82) 3,3'-Dichlorobenzidine	21.70	252	161243	23.866	nq	99
83) Chrysene	21.86	228	738502	41.165	nq	99
84) Bis(2-ethylhexyl)phthalate	21.65	149	469946	44.990	nq	98
85) Di-n-octyl phthalate	22.90	149	803631	46.464	nq	96
86) Indeno(1,2,3-cd)pyrene	29.04	276	880829	43.279	nq #	95
88) Benzo(b)fluoranthene	24.09	252	774073	42.489	nq	98
89) Benzo(k)fluoranthene	24.16	252	756455	44.606	nq	99
90) Benzo(a)pyrene	25.01	252	758831	45.075	nq	98
91) Dibenzo(a,h)anthracene	29.10	278	709715	43.002	nq	98
92) Benzo(g,h,i)perylene	30.26	276	727496	43.890	nq	97

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



#1

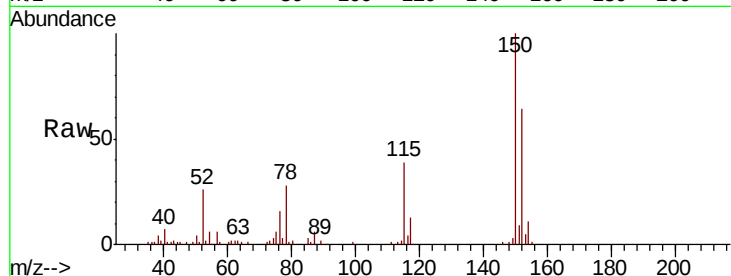
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BG039913.D
Acq: 13 Mar 2019 22:02

Instrument :
BNA_G
ClientSampled :
SP-1MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	123.7	185.5
115	61.1	45.9	68.9

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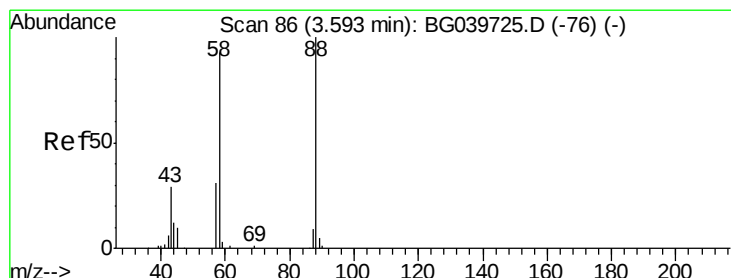
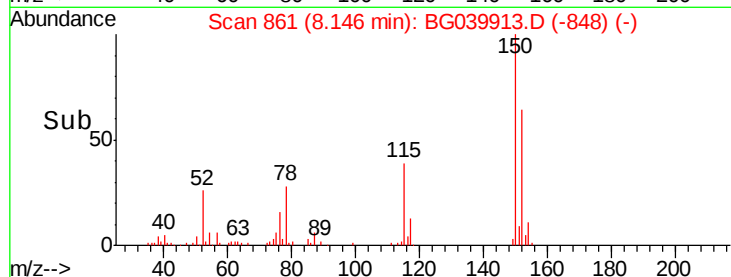
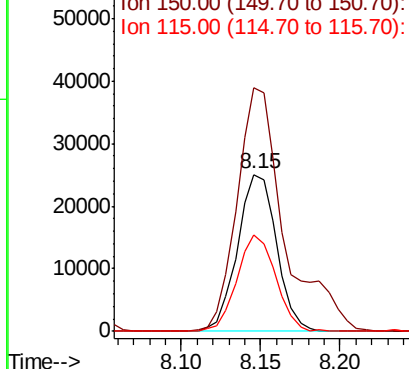


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

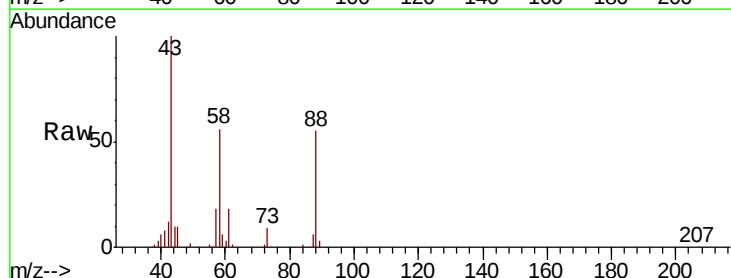
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 33.908 ng
RT: 3.59 min Scan# 86
Delta R.T. -0.01 min
Lab File: BG039913.D
Acq: 13 Mar 2019 22:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	100.5	81.1	121.7
43	266.9	31.4	47.0#

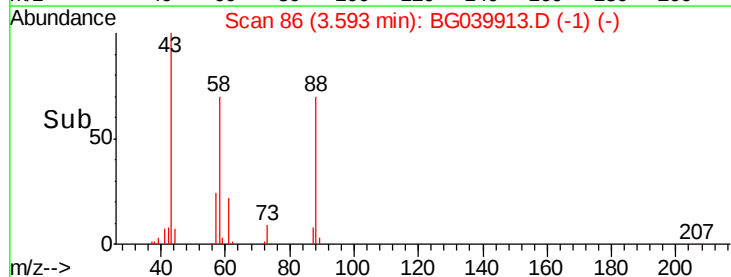
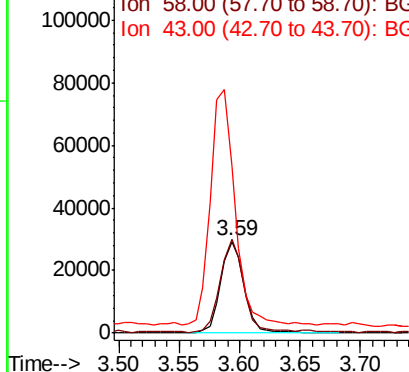


Abundance

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: 31.838 ng

RT: 4.00 min Scan# 155

Delta R.T. -0.01 min

Lab File: BG039913.D

Acq: 13 Mar 2019 22:02

Instrument :

BNA_G

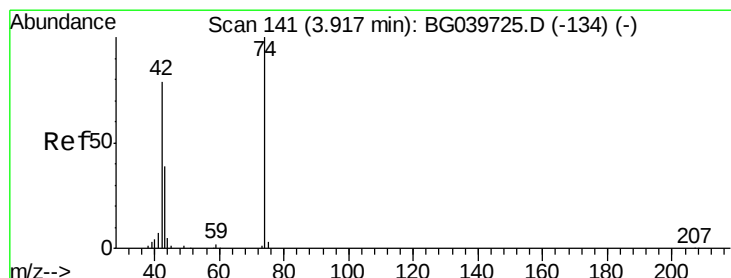
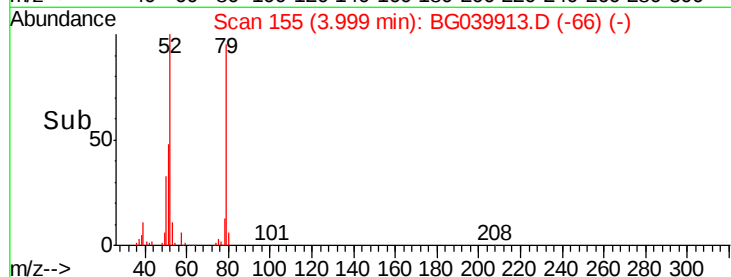
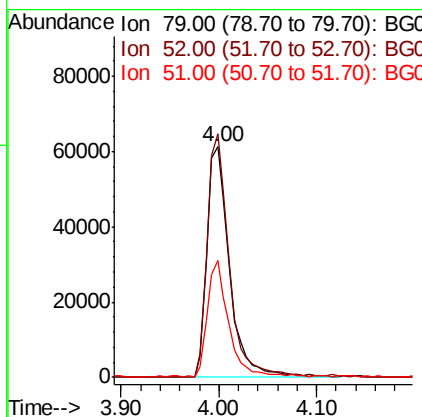
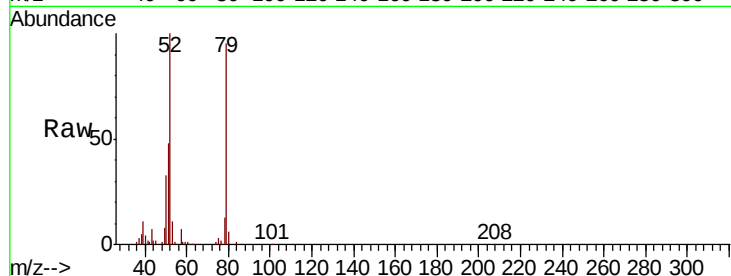
ClientSampleId :

SP-1MSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	105.6	82.6	124.0
51	50.9	37.5	56.3

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#4

n-Nitrosodimethylamine

Concen: 38.327 ng

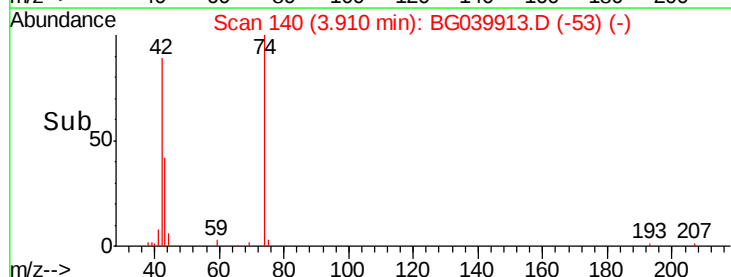
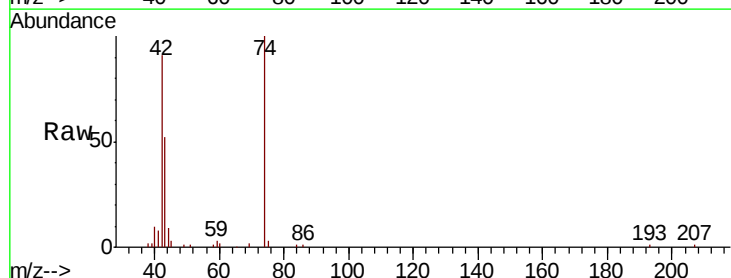
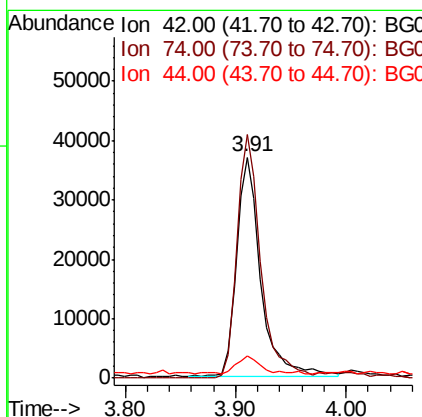
RT: 3.91 min Scan# 140

Delta R.T. -0.02 min

Lab File: BG039913.D

Acq: 13 Mar 2019 22:02

Tgt Ion	Ratio	Lower	Upper
42	100		
74	110.2	83.6	125.4
44	10.2	6.9	10.3





#5

2-Fluorophenol

Concen: 123.311 ng

RT: 5.70 min Scan# 444

Delta R.T. -0.01 min

Lab File: BG039913.D

Acq: 13 Mar 2019 22:02

Instrument :

BNA_G

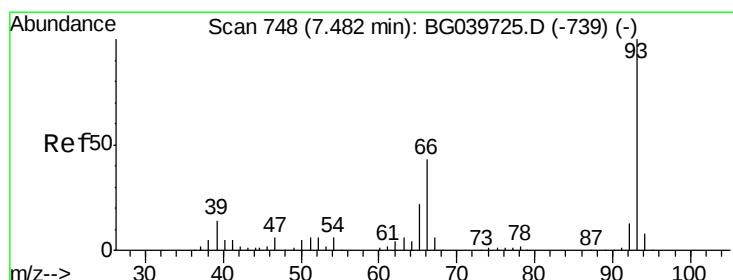
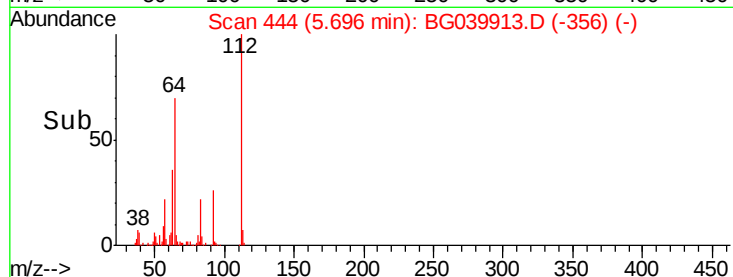
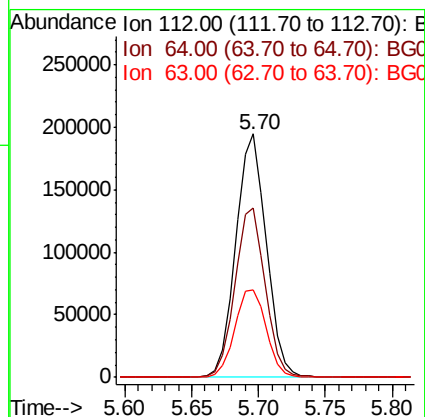
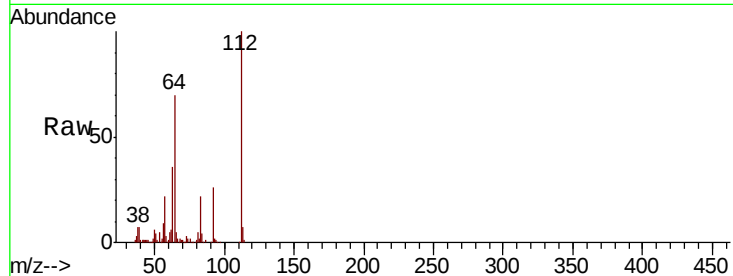
ClientSampled :

SP-1MSD

Tot Ion:	112	Resp:	308638
Ion Ratio	Lower	Upper	
112	100		
64	69.5	57.8	86.8
63	36.1	29.8	44.6

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#6

Aniline

Concen: 24.045 ng

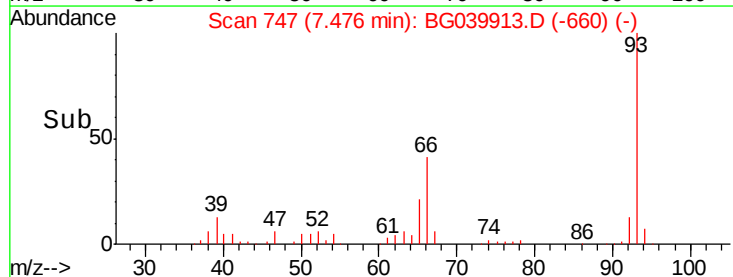
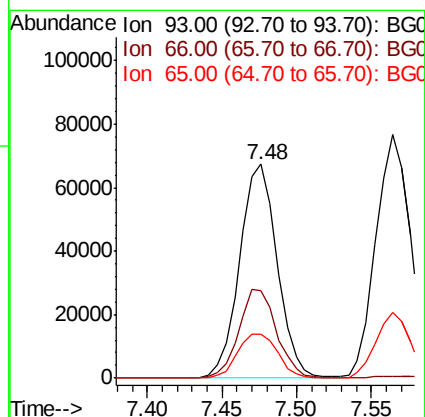
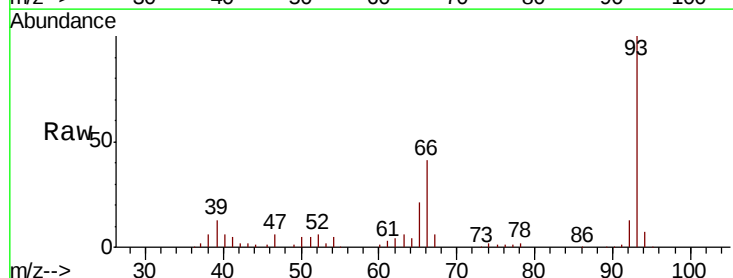
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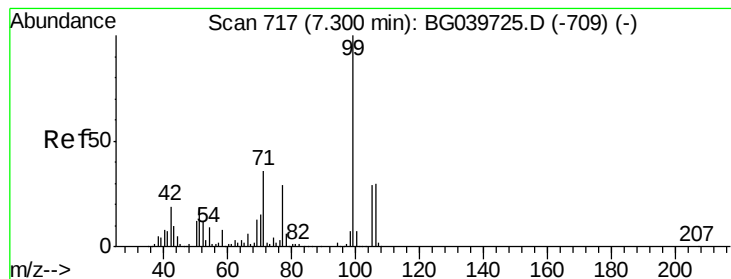
Delta R.T. -0.02 min

Lab File: BG039913.D

Acq: 13 Mar 2019 22:02

Tgt Ion:	93	Resp:	117568
Ion Ratio	Lower	Upper	
93	100		
66	41.2	34.2	51.4
65	20.7	17.7	26.5





#7

Phenol-d6

Concen: 107.945 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG039913.D

Acq: 13 Mar 2019 22:02

Instrument :

BNA_G

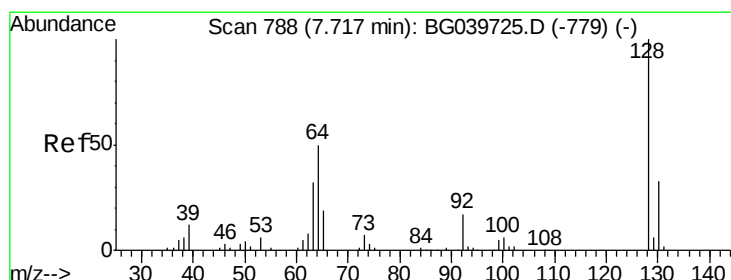
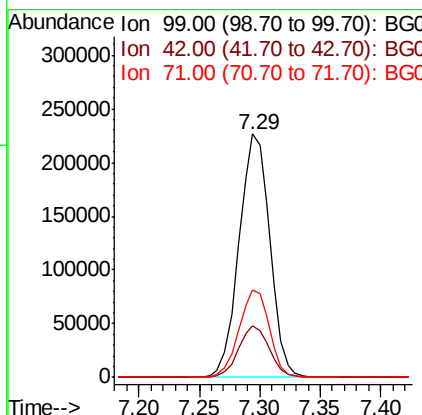
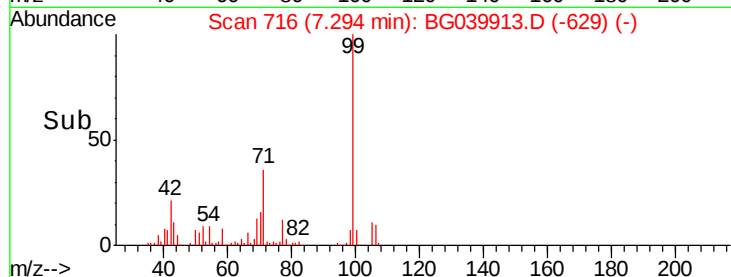
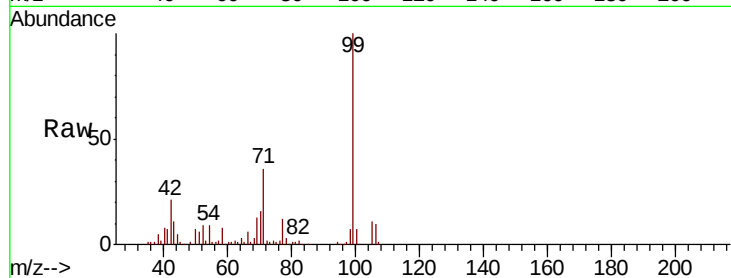
ClientSampleId :

SP-1MSD

Tot Ion:	99	Resp:	402849
Ion Ratio	Lower	Upper	
99	100		
42	21.4	18.2	27.2
71	35.8	28.0	42.0

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#8

2-Chlorophenol

Concen: 38.933 ng

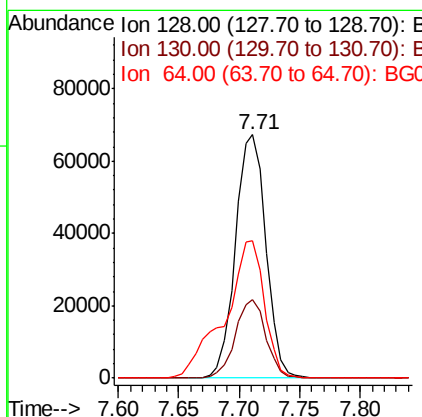
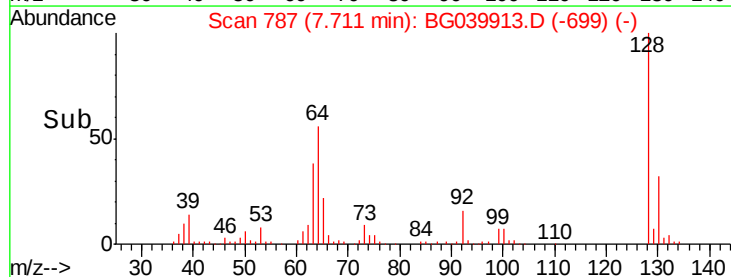
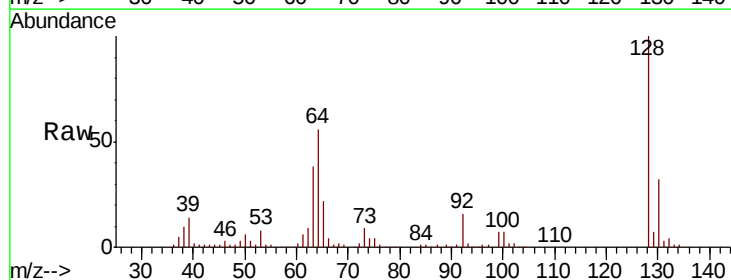
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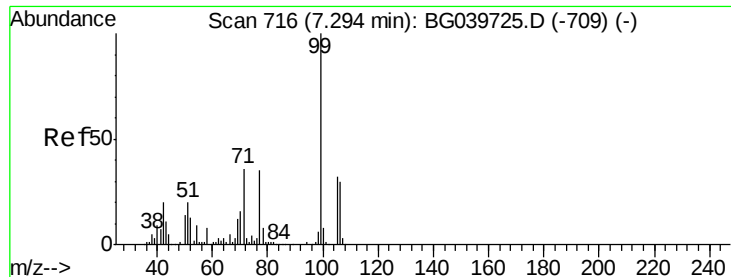
Delta R.T. -0.01 min

Lab File: BG039913.D

Acq: 13 Mar 2019 22:02

Tgt Ion:	128	Resp:	118220
Ion Ratio	Lower	Upper	
128	100		
130	32.0	12.9	52.9
64	56.2	38.7	78.7





#9

Benzaldehyde

Concen: 21.502 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG039913.D

Acq: 13 Mar 2019 22:02

Instrument :

BNA_G

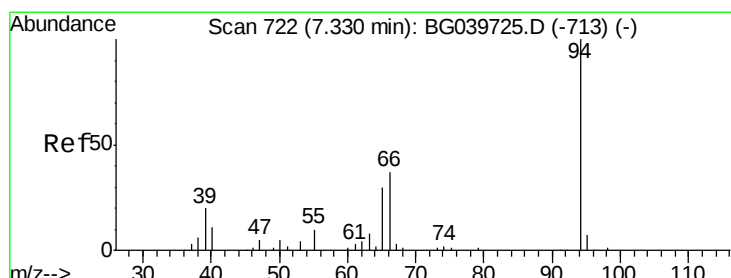
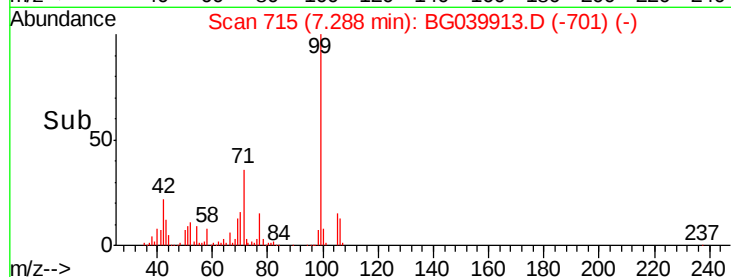
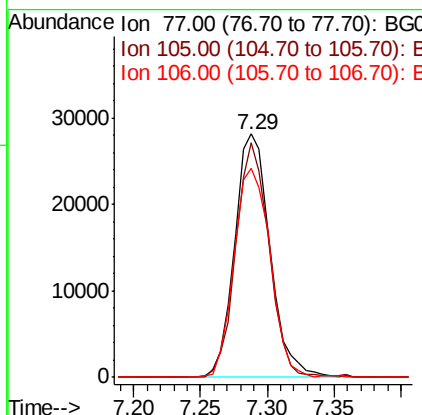
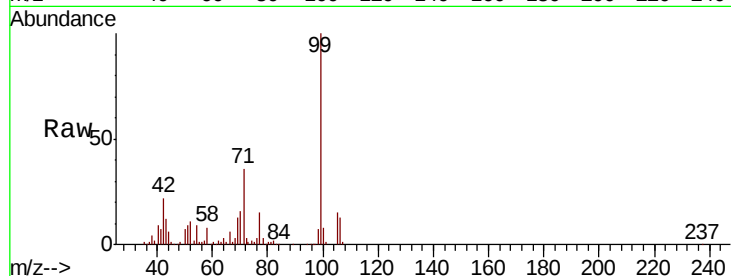
ClientSampleId :

SP-1MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	96.5	74.5	114.5
106	85.8	68.0	108.0

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#10

Phenol

Concen: 33.834 ng

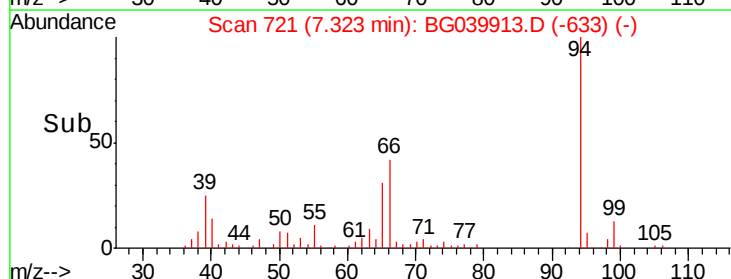
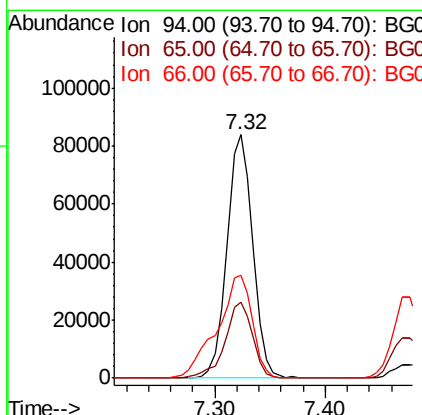
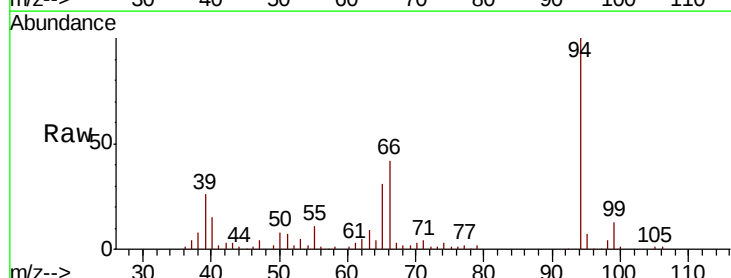
RT: 7.32 min Scan# 721

Delta R.T. -0.01 min

Lab File: BG039913.D

Acq: 13 Mar 2019 22:02

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.2	11.7	51.7
66	42.0	23.7	63.7





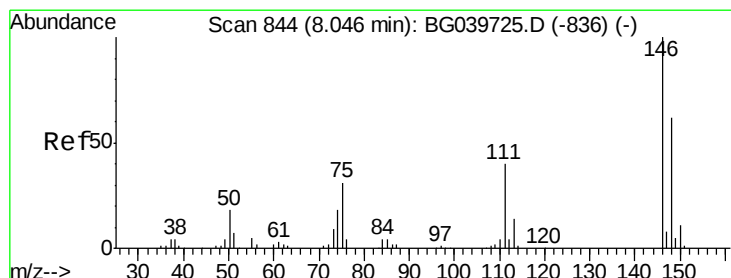
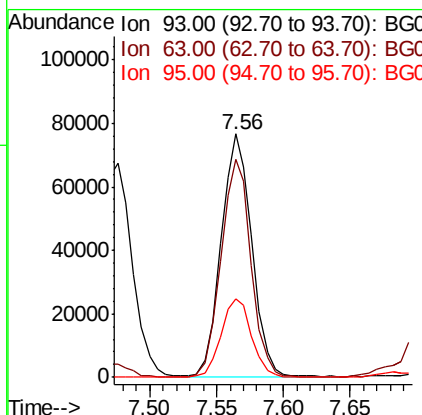
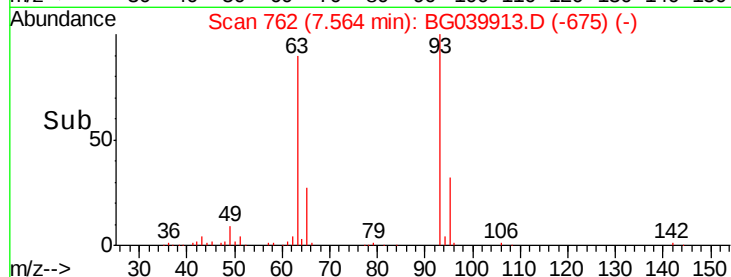
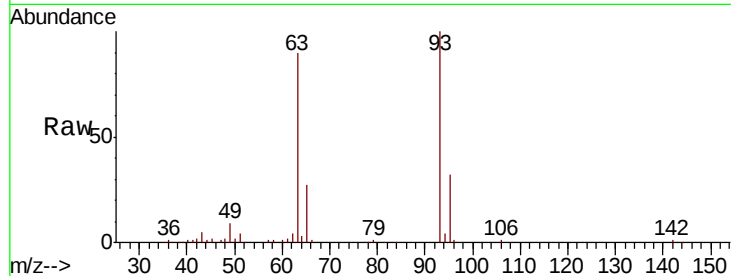
#11
bis(2-Chloroethyl)ether
Concen: 39.261 ng
RT: 7.56 min Scan# 762
Delta R.T. -0.02 min
Lab File: BG039913.D
Acq: 13 Mar 2019 22:02

Instrument :
BNA_G
ClientSampleID :
SP-1MSD

Tot Ion:	93	Resp:	123756
Ion Ratio	Lower	Upper	
93	100		
63	89.7	69.5	109.5
95	32.3	12.7	52.7

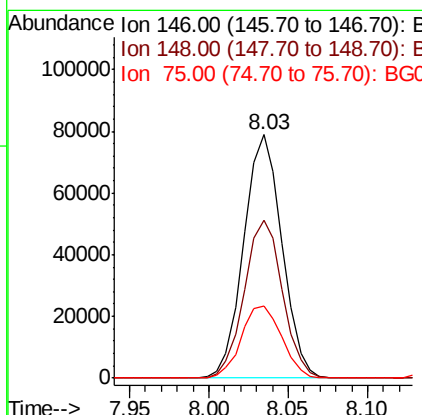
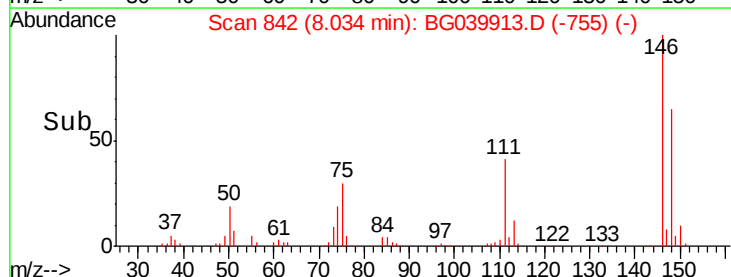
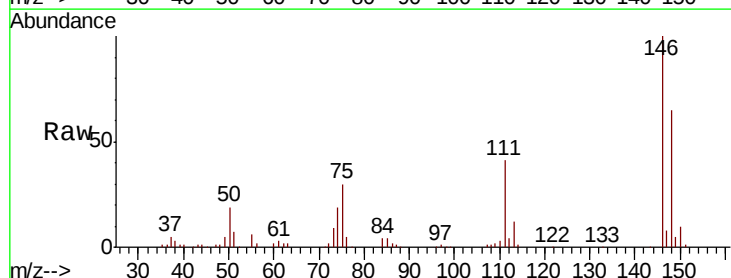
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#12
1,3-Dichlorobenzene
Concen: 38.502 ng
RT: 8.03 min Scan# 842
Delta R.T. -0.02 min
Lab File: BG039913.D
Acq: 13 Mar 2019 22:02

Tgt Ion:	146	Resp:	132225
Ion Ratio	Lower	Upper	
146	100		
148	64.8	52.6	79.0
75	29.8	25.8	38.6





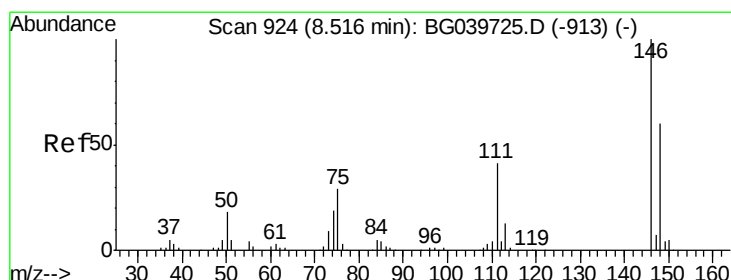
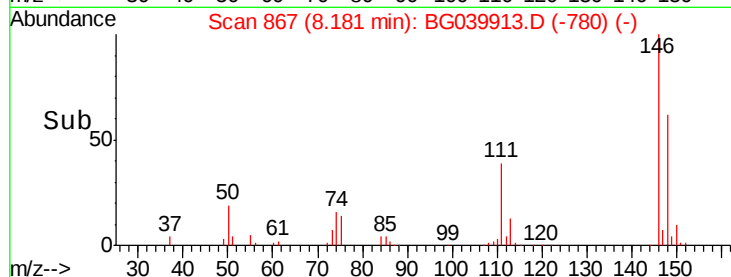
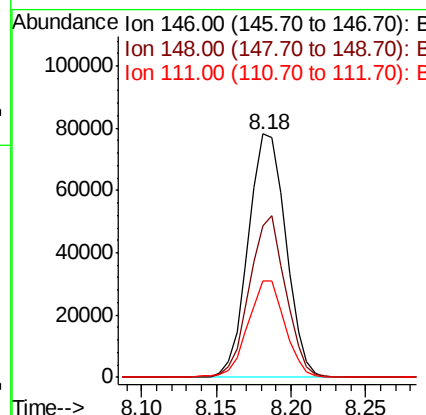
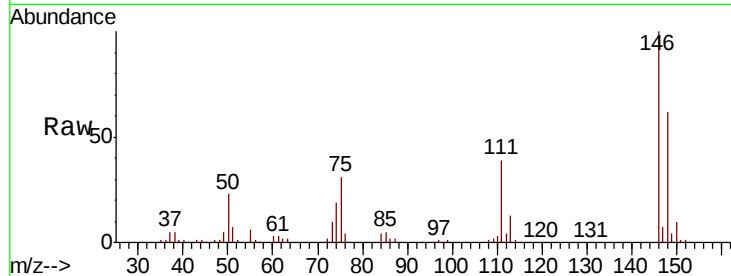
#13
 1,4-Dichlorobenzene
 Concen: 38.909 ng
 RT: 8.18 min Scan# 867
 Delta R.T. -0.02 min
 Lab File: BG039913.D
 Acq: 13 Mar 2019 22:02

Instrument :
 BNA_G
 ClientSampled :
 SP-1MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.4	51.1	76.7
111	39.5	32.6	48.8

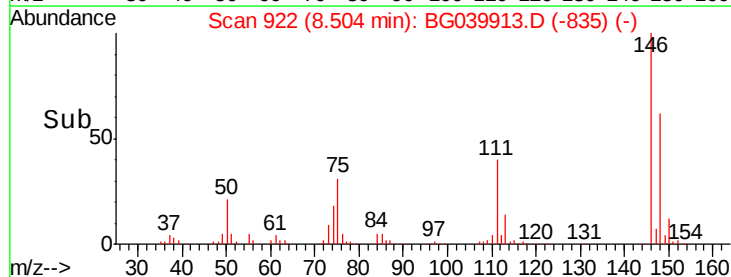
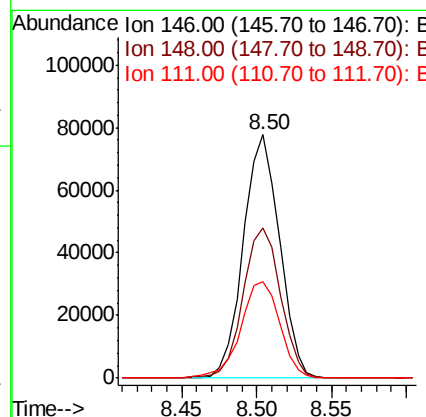
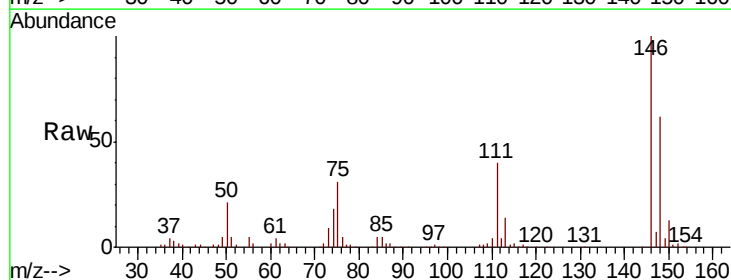
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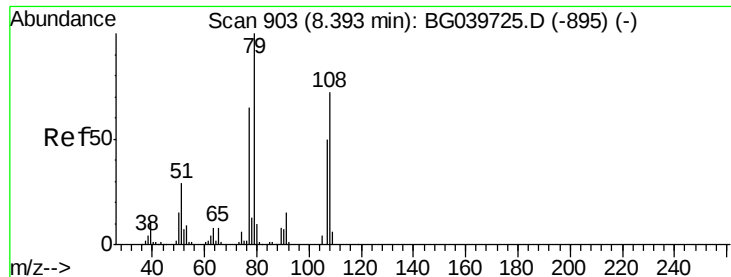
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 38.640 ng
 RT: 8.50 min Scan# 922
 Delta R.T. -0.02 min
 Lab File: BG039913.D
 Acq: 13 Mar 2019 22:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.6	51.5	77.3
111	39.7	33.8	50.6





#15

Benzyl Alcohol

Concen: 39.993 ng

RT: 8.39 min Scan# 902

Delta R.T. -0.02 min

Lab File: BG039913.D

Acq: 13 Mar 2019 22:02

Instrument :

BNA_G

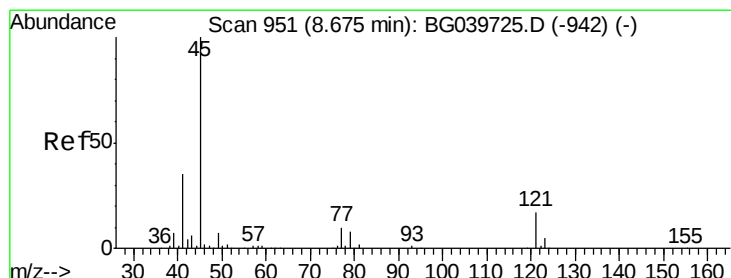
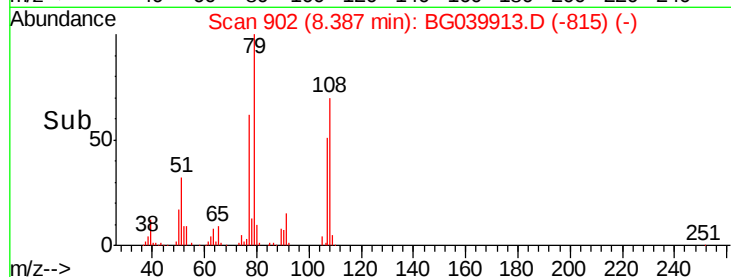
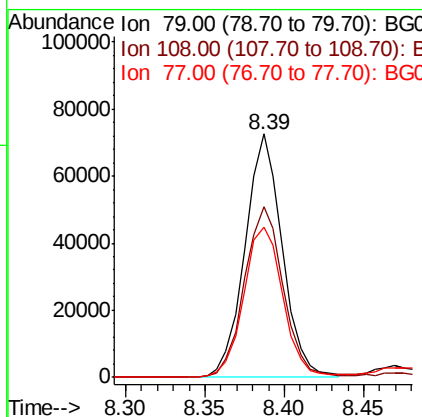
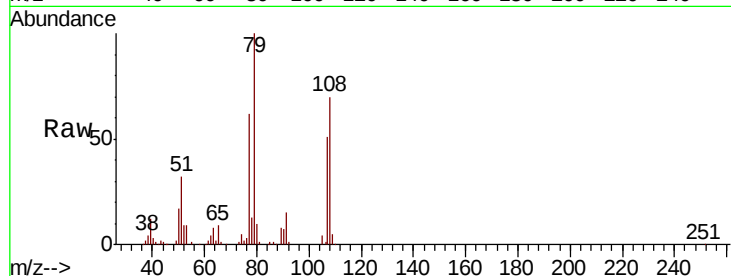
ClientSampled :

SP-1MSD

Tot Ion:	79	Resp:	118397
Ion Ratio	Lower	Upper	
79	100		
108	70.1	57.8	86.6
77	61.9	51.1	76.7

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.852 ng

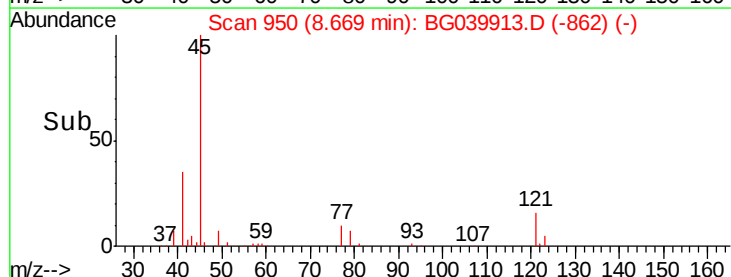
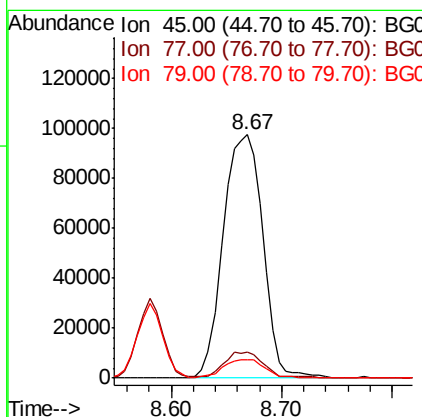
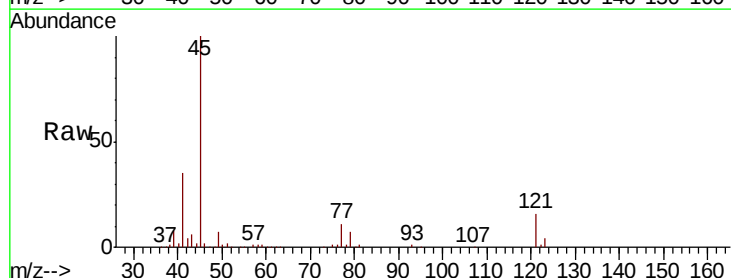
RT: 8.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BG039913.D

Acq: 13 Mar 2019 22:02

Tgt Ion:	45	Resp:	244937
Ion Ratio	Lower	Upper	
45	100		
77	10.7	0.0	30.0
79	7.3	0.0	27.5





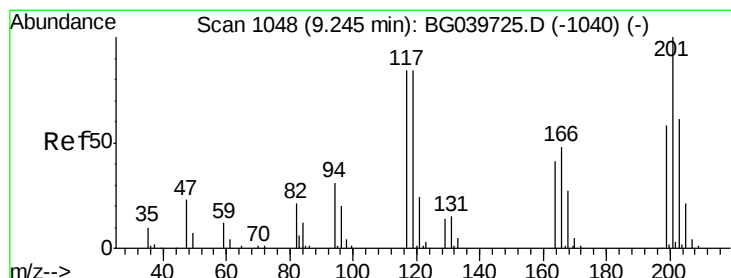
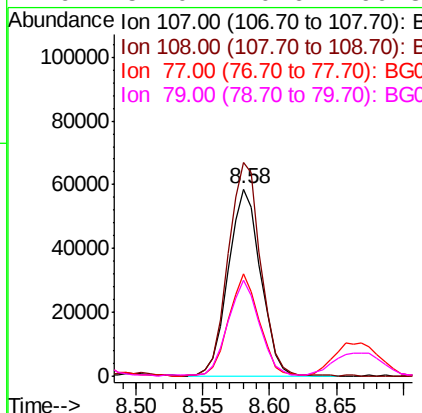
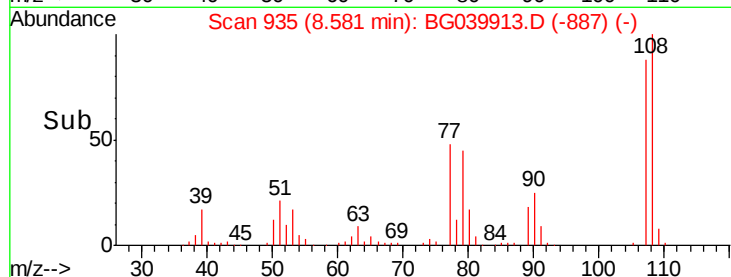
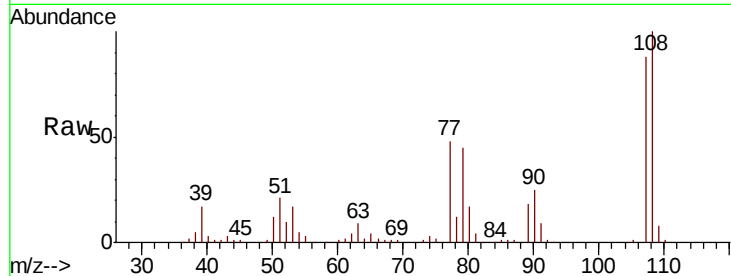
#17
2-Methylphenol
Concen: 38.838 ng
RT: 8.58 min Scan# 935
Delta R.T. -0.02 min
Lab File: BG039913.D
Acq: 13 Mar 2019 22:02

Instrument :
BNA_G
ClientSampled :
SP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	100123		
108	113.9	90.8	136.2	
77	54.8	40.7	61.1	
79	51.0	40.6	60.8	

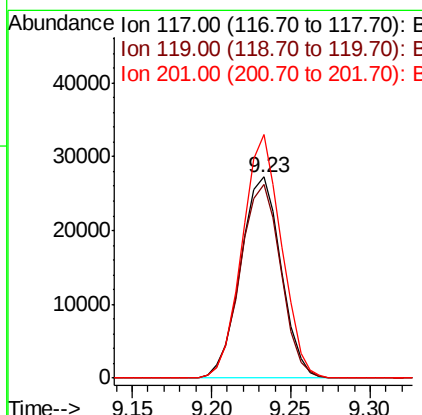
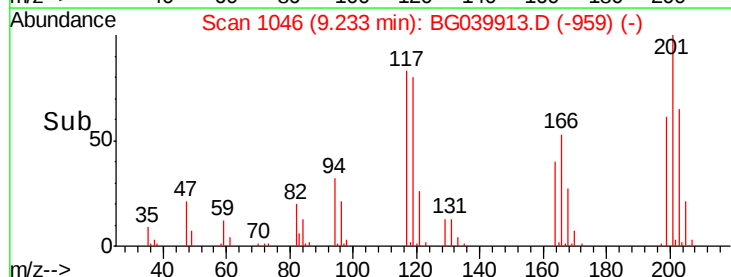
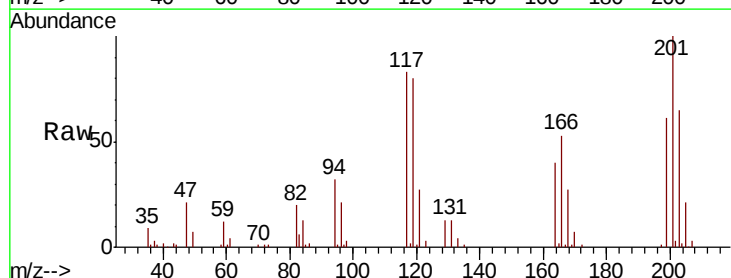
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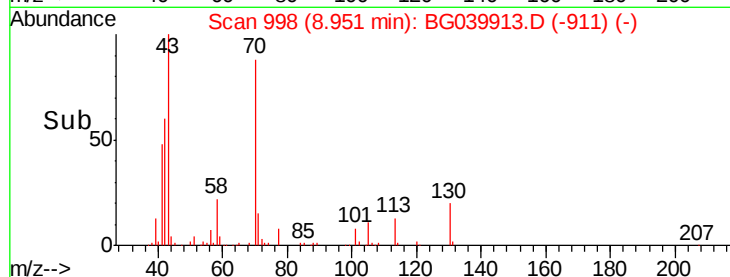
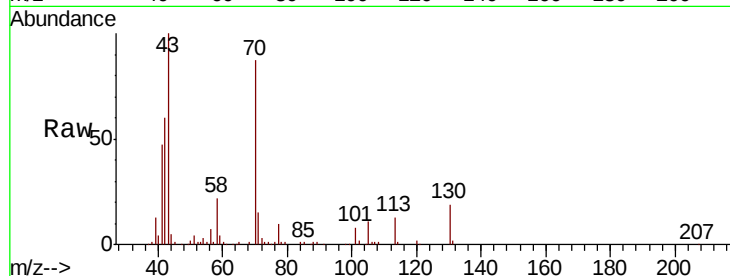
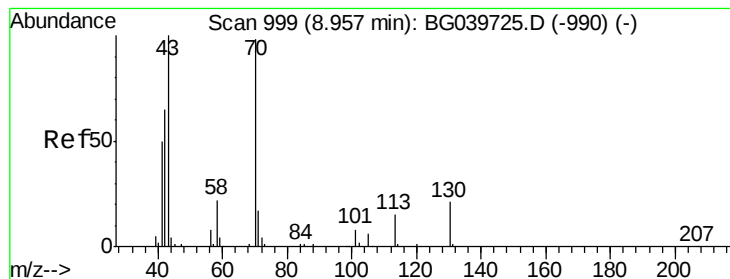
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#18
Hexachloroethane
Concen: 38.582 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.02 min
Lab File: BG039913.D
Acq: 13 Mar 2019 22:02

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	48427		
119	96.2	76.3	114.5	
201	120.9	91.1	136.7	





#19

n-Nitroso-di-n-propylamine

Concen: 38.201 ng

RT: 8.95 min Scan# 998

Delta R.T. -0.02 min

Lab File: BG039913.D

Acq: 13 Mar 2019 22:02

Instrument :

BNA_G

ClientSampleId :

SP-1MSD

Tot Ion: 70 Resp: 102616

Ion Ratio Lower Upper

70 100

42 68.9 60.4 90.6

101 9.6 7.5 11.3

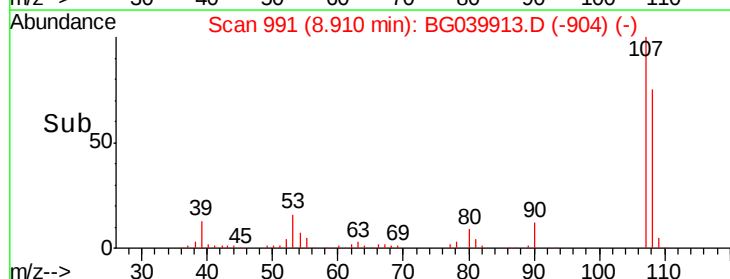
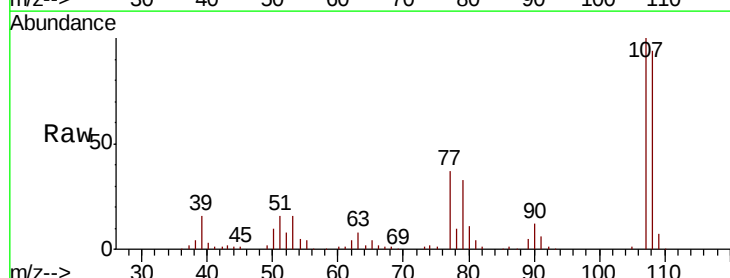
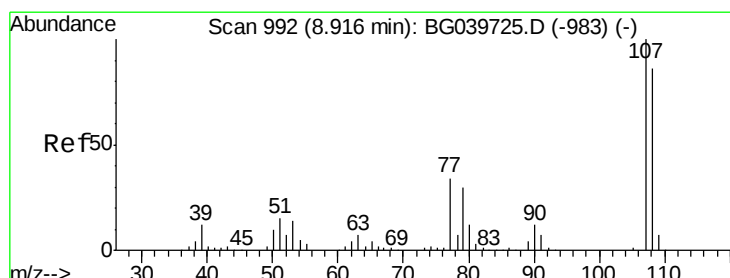
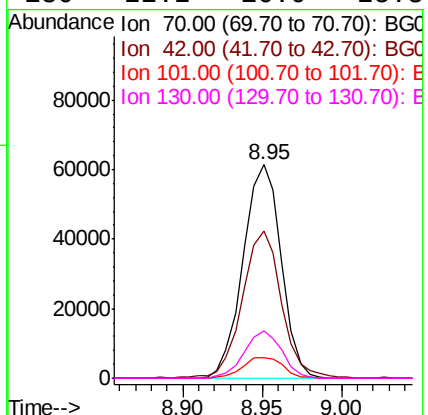
130 22.2 16.9 25.3

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#20

3+4-Methylphenols

Concen: 37.396 ng

RT: 8.91 min Scan# 991

Delta R.T. -0.02 min

Lab File: BG039913.D

Acq: 13 Mar 2019 22:02

Tgt Ion: 107 Resp: 133928

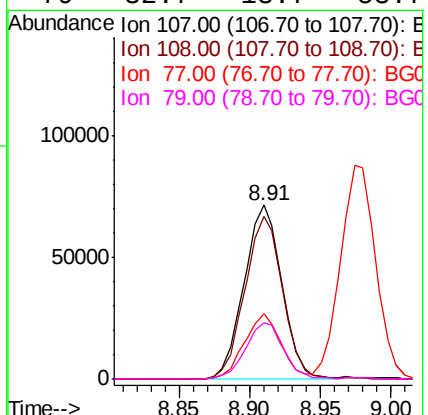
Ion Ratio Lower Upper

107 100

108 94.0 67.9 107.9

77 37.5 15.4 55.4

79 32.7 13.7 53.7





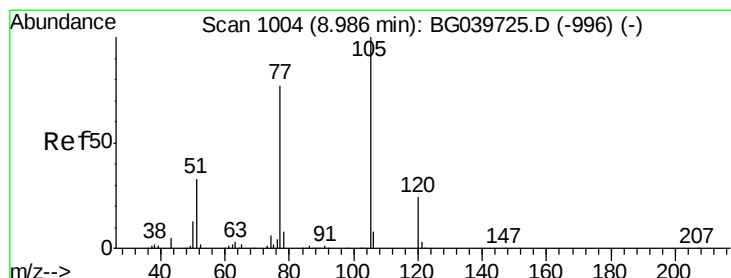
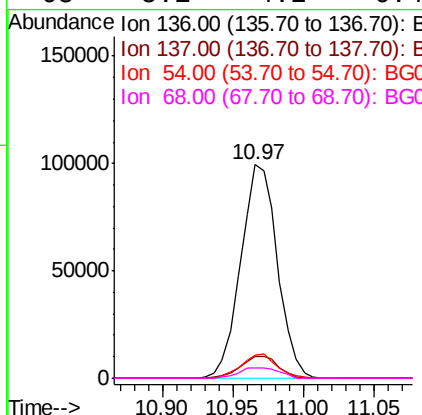
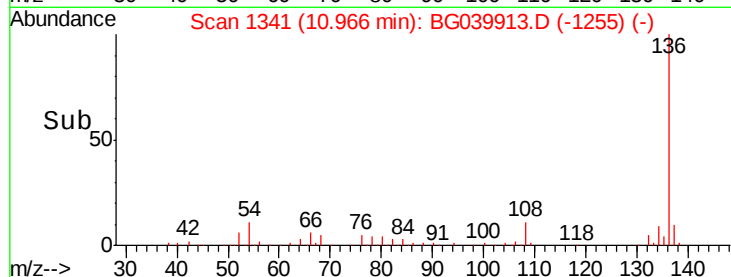
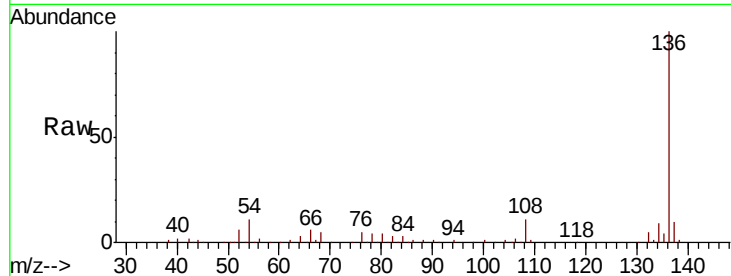
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG039913.D
Acq: 13 Mar 2019 22:02

Instrument :
BNA_G
ClientSampleId :
SP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	180636		
137	10.1		9.1	13.7
54	11.0		9.4	14.2
68	5.1		4.2	6.4

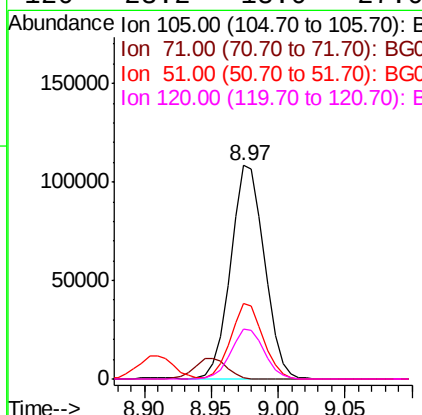
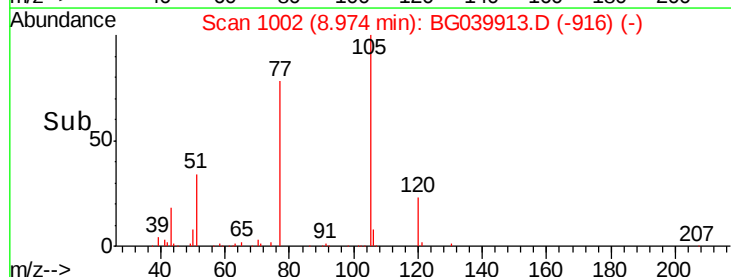
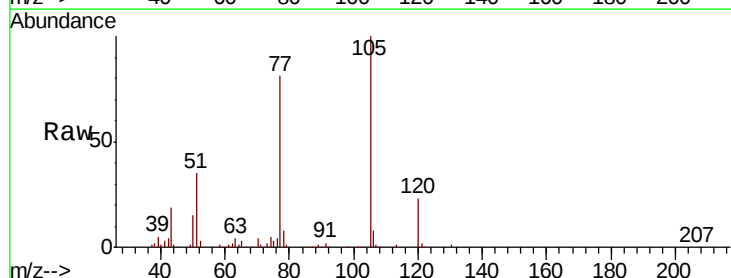
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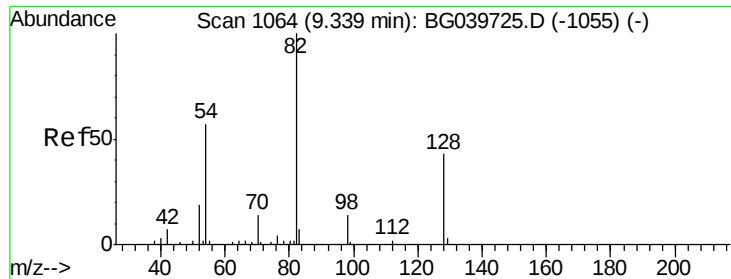
Sohil
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#22
Acetophenone
Concen: 39.434 ng
RT: 8.97 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG039913.D
Acq: 13 Mar 2019 22:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	191183		
71	0.9		0.8	1.2
51	35.2		30.2	45.2
120	23.2		18.0	27.0





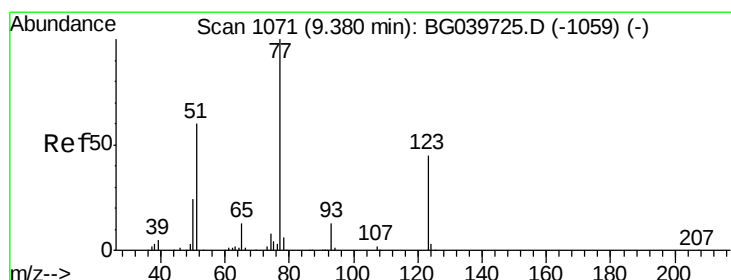
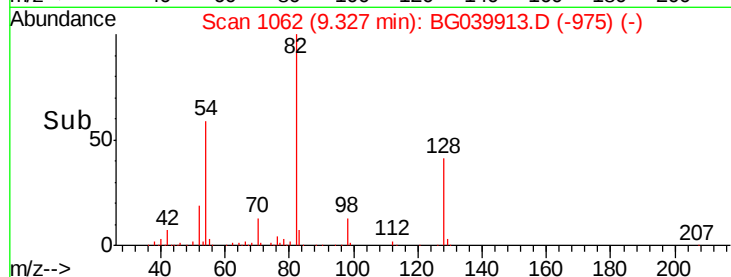
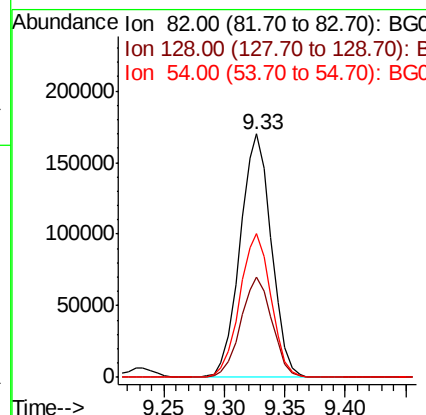
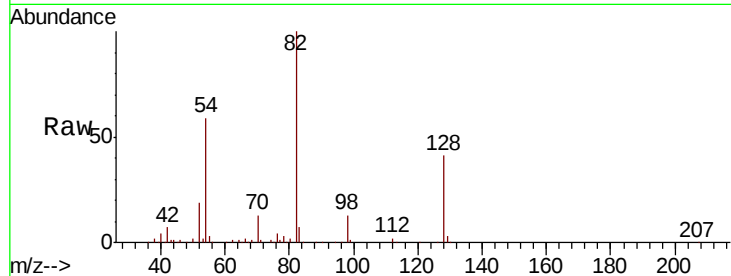
#23
Nitrobenzene-d5
Concen: 91.470 ng
RT: 9.33 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BG039913.D
Acq: 13 Mar 2019 22:02

Instrument :
BNA_G
ClientSampled :
SP-1MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.0	31.3	46.9
54	59.0	50.9	76.3

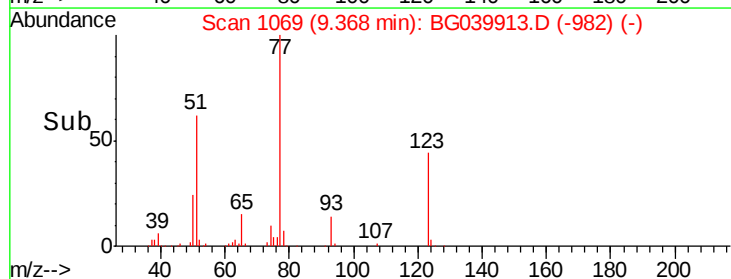
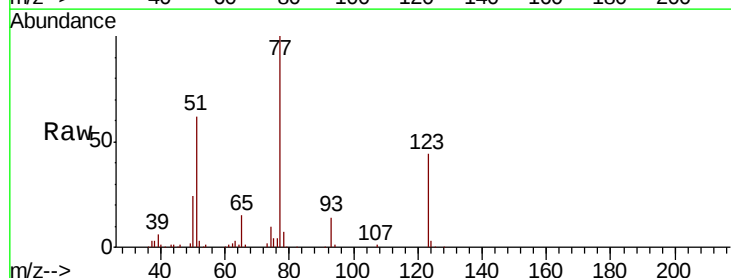
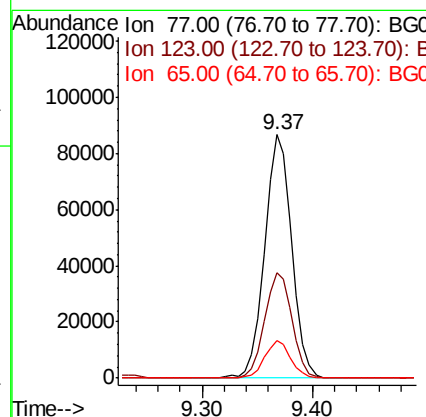
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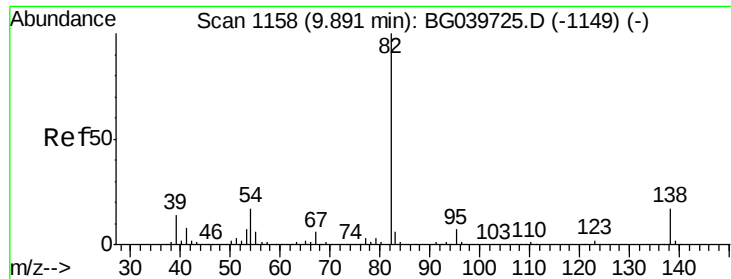
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#24
Nitrobenzene
Concen: 42.345 ng
RT: 9.37 min Scan# 1069
Delta R.T. -0.02 min
Lab File: BG039913.D
Acq: 13 Mar 2019 22:02

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.5	34.1	51.1
65	15.4	12.3	18.5





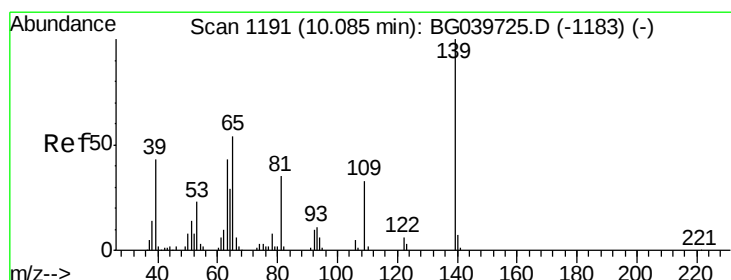
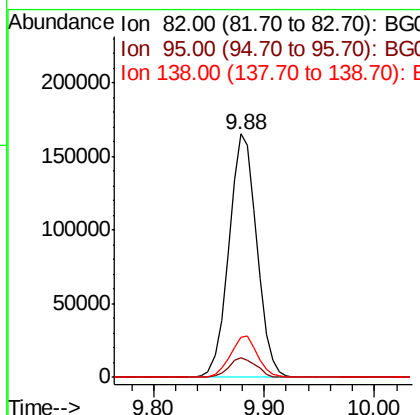
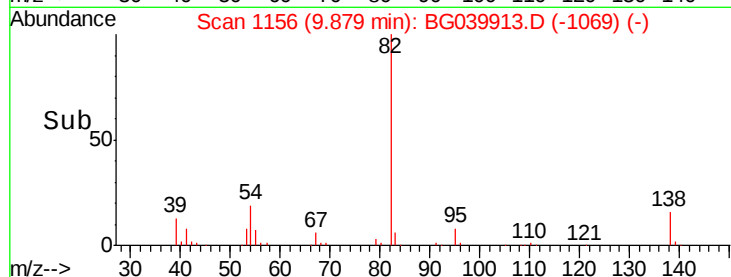
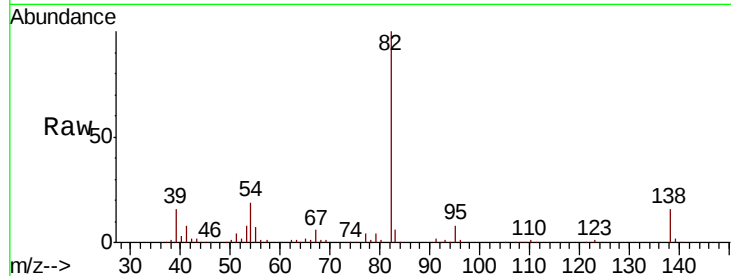
#25
Isophorone
Concen: 41.725 ng
RT: 9.88 min Scan# 1156
Delta R.T. -0.02 min
Lab File: BG039913.D
Acq: 13 Mar 2019 22:02

Instrument :
BNA_G
ClientSampleId :
SP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	292001		
95	8.2		6.2	9.2
138	16.3		13.0	19.4

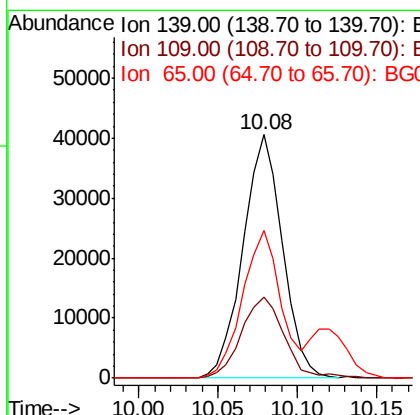
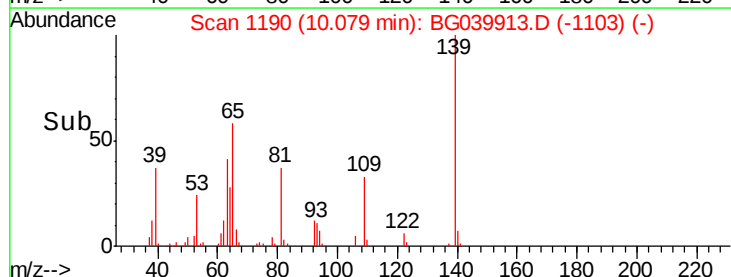
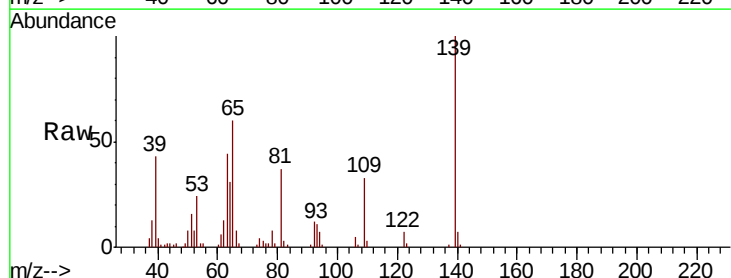
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#26
2-Nitrophenol
Concen: 41.491 ng
RT: 10.08 min Scan# 1190
Delta R.T. -0.02 min
Lab File: BG039913.D
Acq: 13 Mar 2019 22:02

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	70190		
109	33.1		23.4	35.0
65	60.4		44.3	66.5





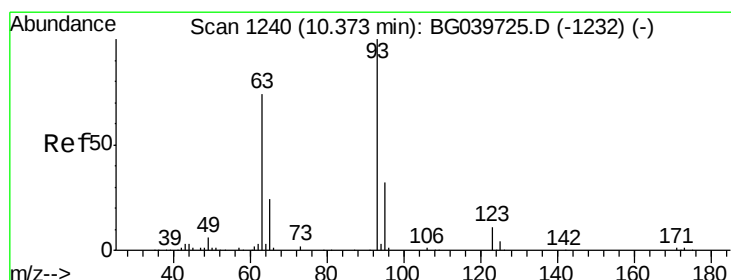
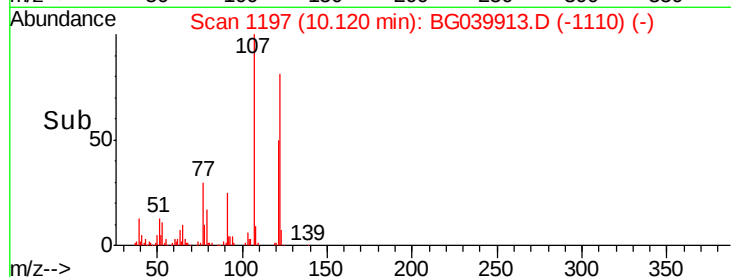
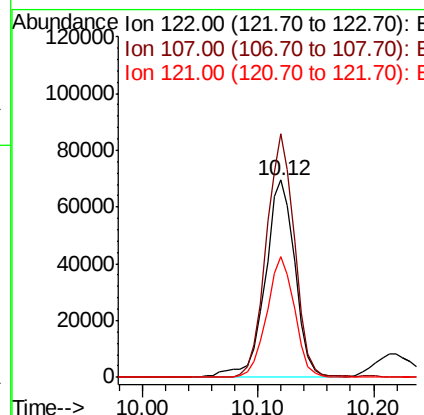
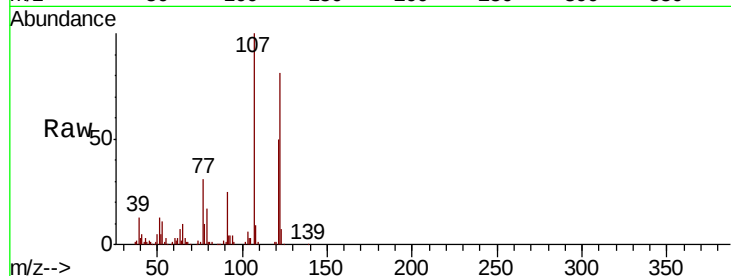
#27
2,4-Dimethylphenol
Concen: 47.597 ng
RT: 10.12 min Scan# 1197
Delta R.T. -0.02 min
Lab File: BG039913.D
Acq: 13 Mar 2019 22:02

Instrument :
BNA_G
ClientSampled :
SP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	125230		
107	123.5	91.7	137.5	
121	61.3	46.4	69.6	

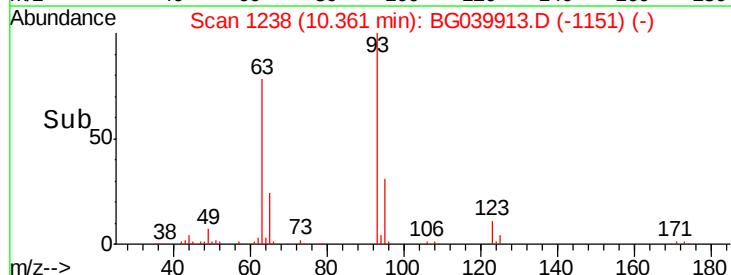
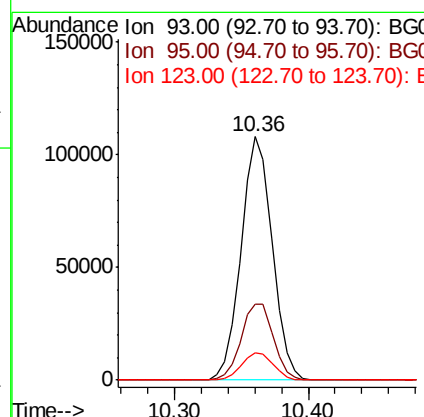
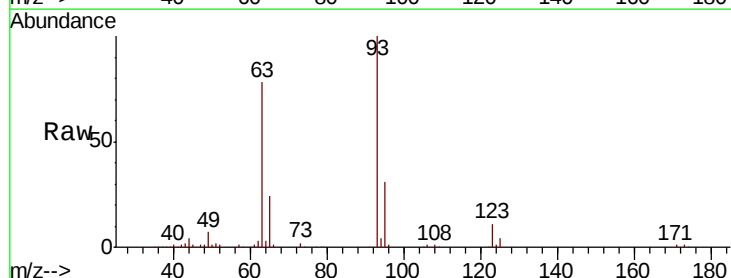
Manual Integrations
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#28
bis(2-Chloroethoxy)methane
Concen: 40.972 ng
RT: 10.36 min Scan# 1238
Delta R.T. -0.02 min
Lab File: BG039913.D
Acq: 13 Mar 2019 22:02

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	174245		
95	31.1	25.0	37.4	
123	11.4	8.6	12.8	





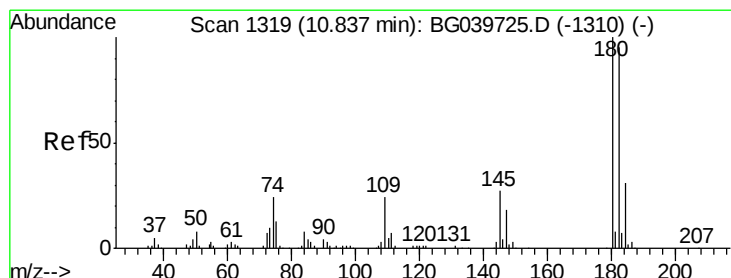
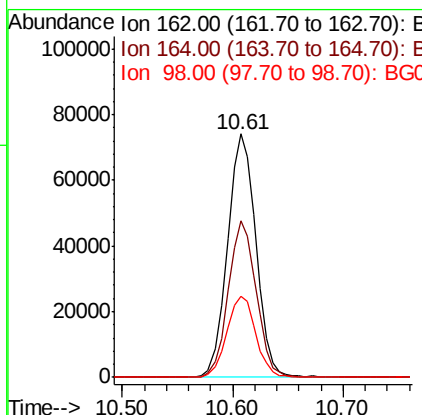
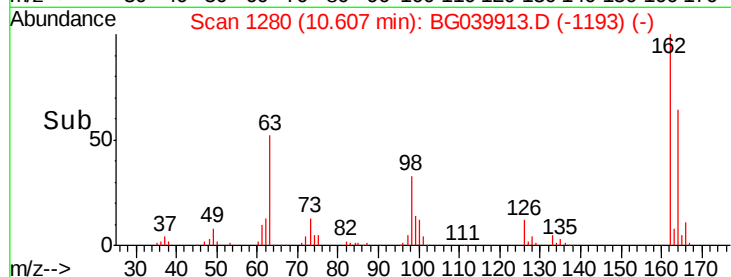
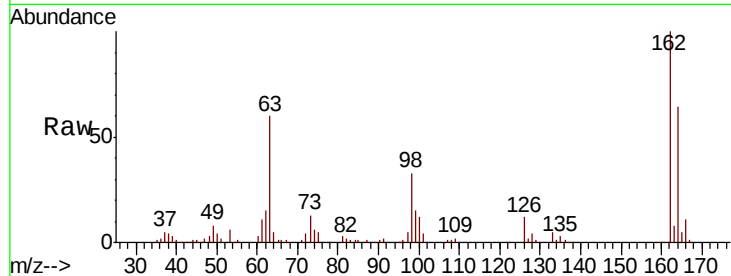
#29
 2,4-Dichlorophenol
 Concen: 45.049 ng
 RT: 10.61 min Scan# 1280
 Delta R.T. -0.02 min
 Lab File: BG039913.D
 Acq: 13 Mar 2019 22:02

Instrument :
 BNA_G
 ClientSampled :
 SP-1MSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.3	48.1	88.1
98	33.1	18.1	58.1

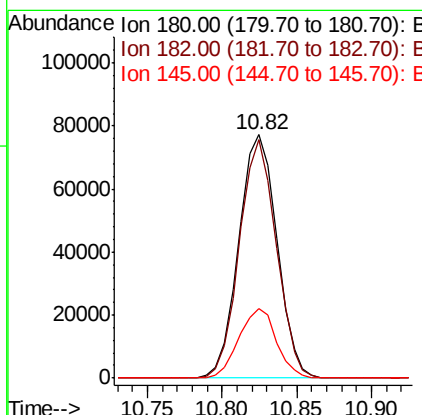
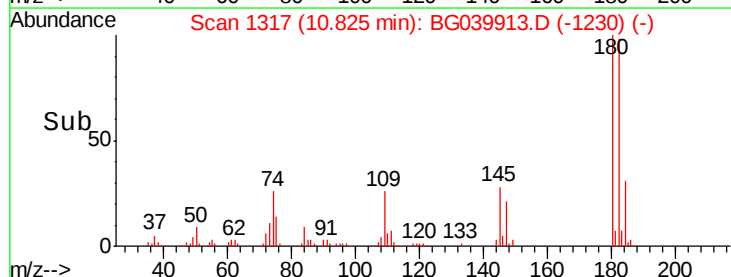
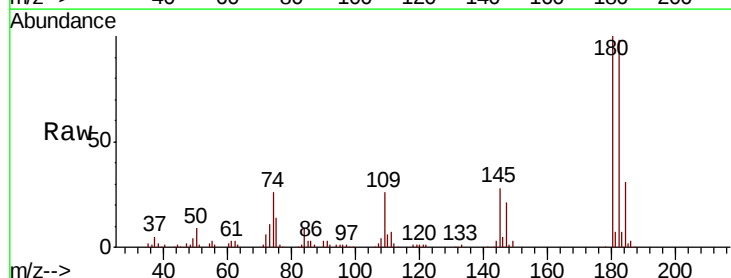
Manual Integrations
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.027 ng
 RT: 10.82 min Scan# 1317
 Delta R.T. -0.02 min
 Lab File: BG039913.D
 Acq: 13 Mar 2019 22:02

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	98.0	76.0	114.0
145	28.5	22.7	34.1





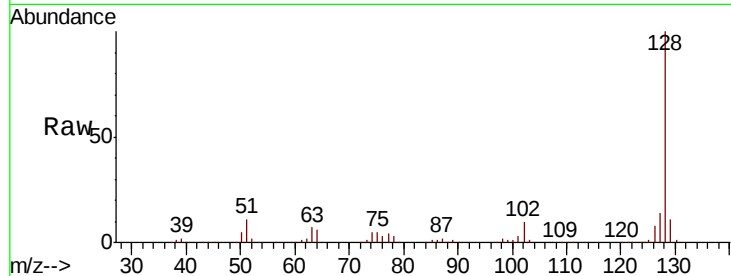
#31
Naphthalene
Concen: 40.800 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BG039913.D
Acq: 13 Mar 2019 22:02

Instrument :
BNA_G
ClientSampled :
SP-1MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.7	13.1
127	13.6	10.8	16.2

Manual Integrations
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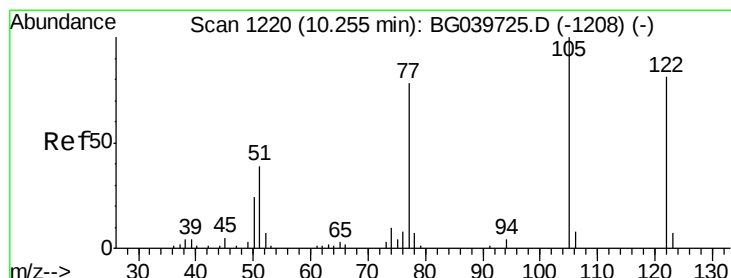
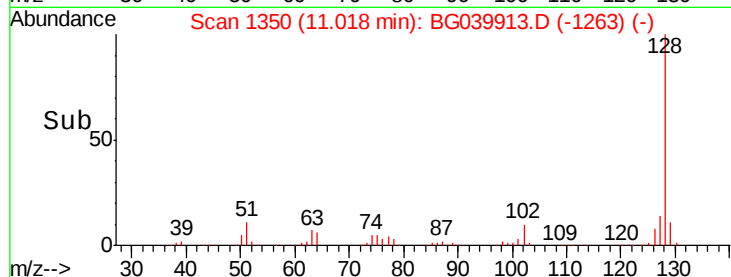
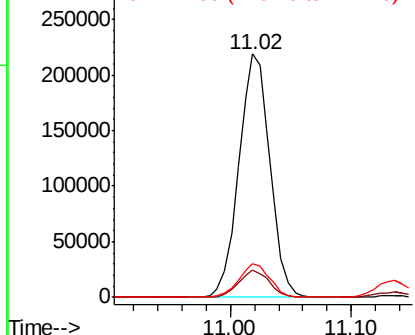


Abundance

Ion 128.00 (127.70 to 128.70): E

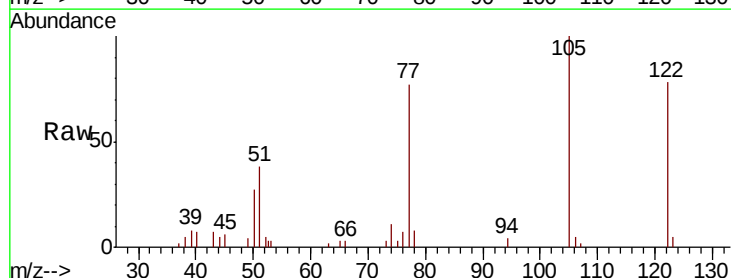
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 16.591 ng
RT: 10.22 min Scan# 1214
Delta R.T. -0.04 min
Lab File: BG039913.D
Acq: 13 Mar 2019 22:02

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.9	101.8	141.8
77	99.0	76.3	116.3

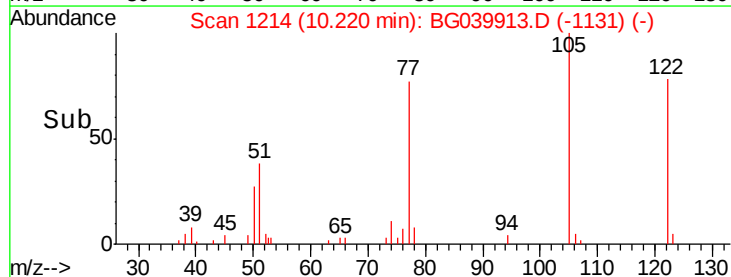
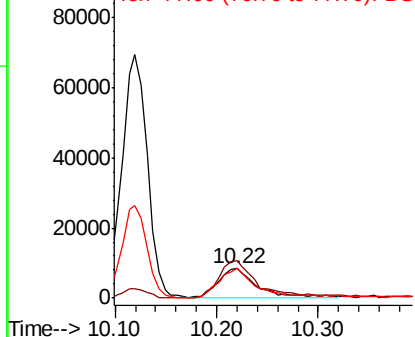


Abundance

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): BGO





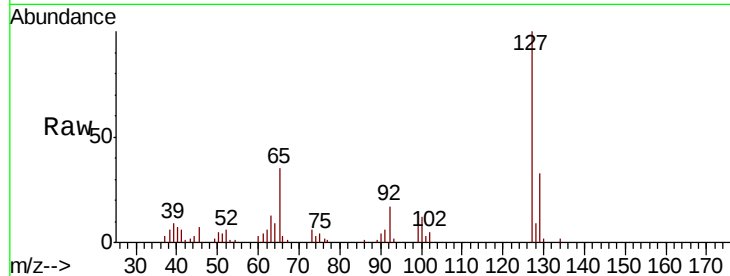
#33
4-Chloroaniline
Concen: 7.574 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BG039913.D
Acq: 13 Mar 2019 22:02

Instrument :
BNA_G
ClientSampleId :
SP-1MSD

Tot Ion:	127	Resp:	30717
Ion Ratio	Lower	Upper	
127	100		
129	33.3	27.0	40.4
65	34.6	28.8	43.2
92	17.5	16.6	25.0

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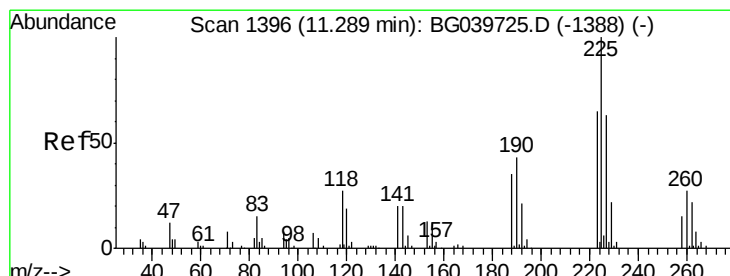
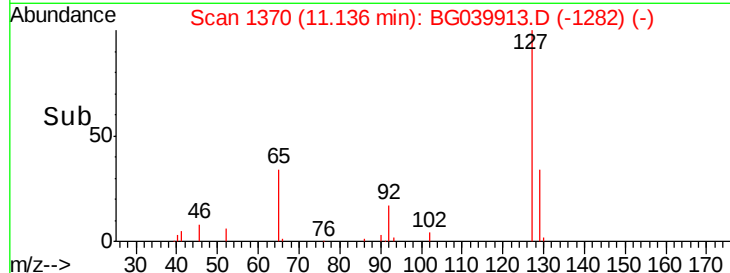
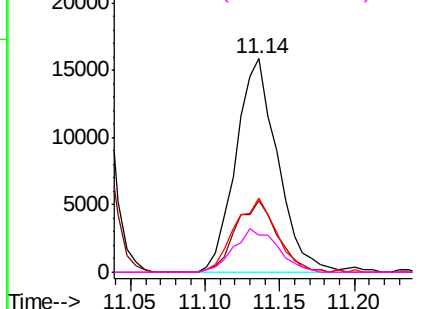
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 40.710 ng
RT: 11.28 min Scan# 1394
Delta R.T. -0.02 min
Lab File: BG039913.D
Acq: 13 Mar 2019 22:02

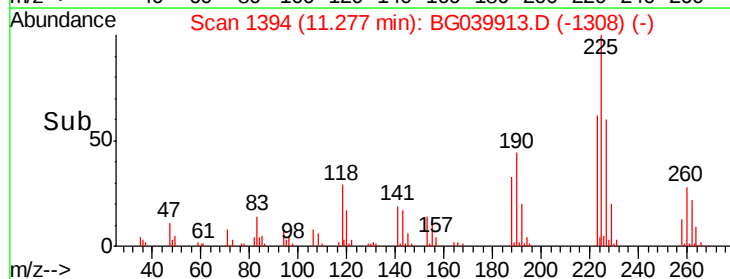
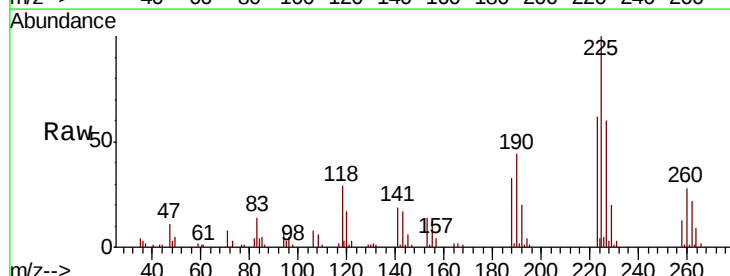
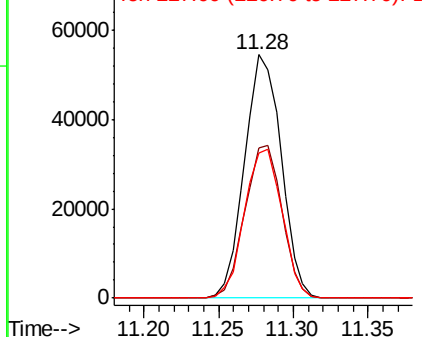
Tgt Ion:	225	Resp:	92730
Ion Ratio	Lower	Upper	
225	100		
223	61.8	49.0	73.6
227	59.8	46.3	69.5

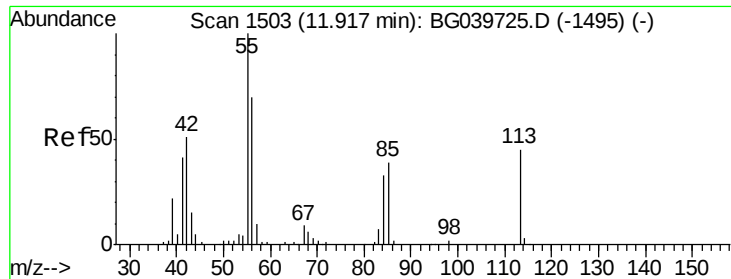
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 28.534 ng/ml

RT: 11.91 min Scan# 1502

Delta R.T. -0.03 min

Lab File: BG039913.D

Acq: 13 Mar 2019 22:02

Instrument :

BNA_G

ClientSampleId :

SP-1MSD

Tot Ion:113 Resp: 32289

Ion Ratio Lower Upper

113 100

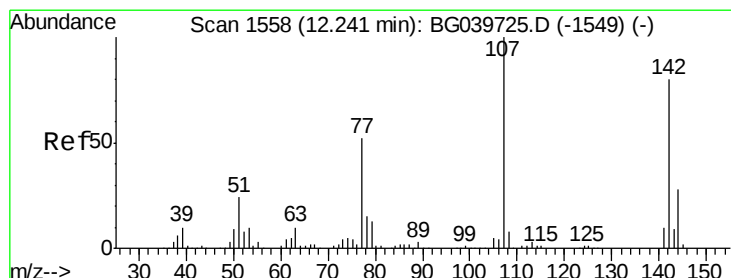
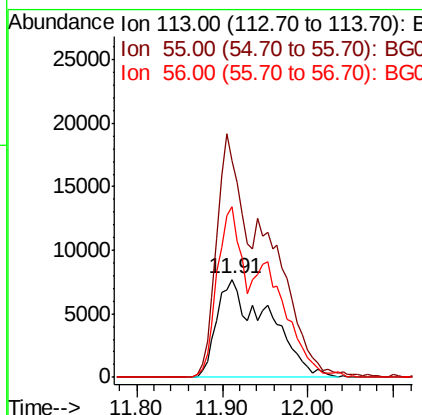
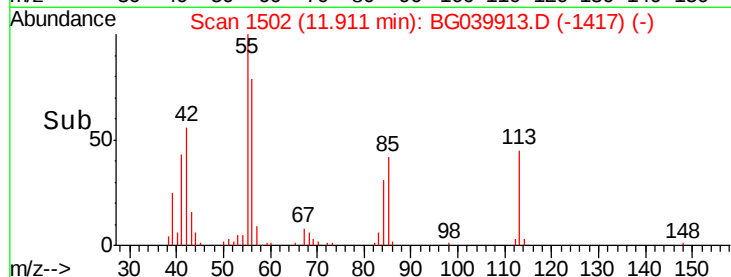
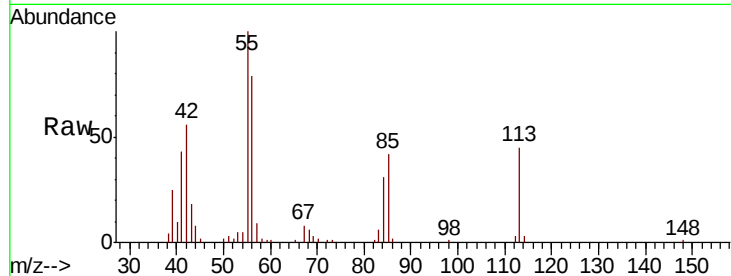
55 221.2 216.9 256.9

56 173.9 152.6 192.6

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#36

4-Chloro-3-methylphenol

Concen: 40.677 ng/ml

RT: 12.23 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BG039913.D

Acq: 13 Mar 2019 22:02

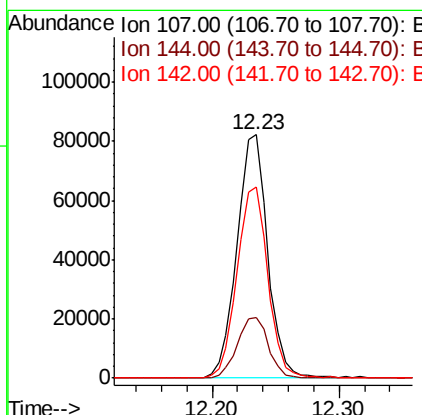
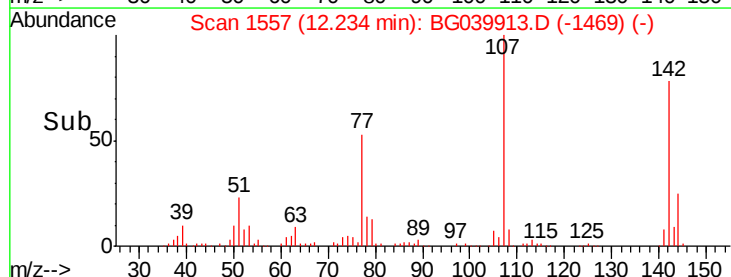
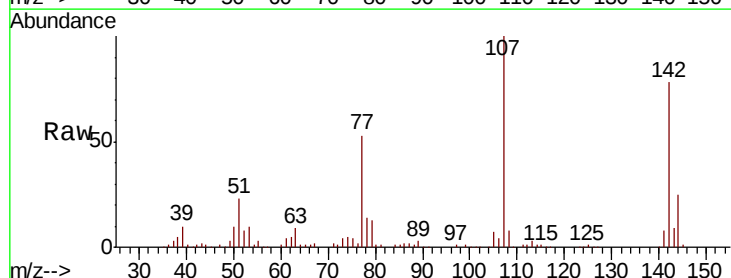
Tgt Ion:107 Resp: 138129

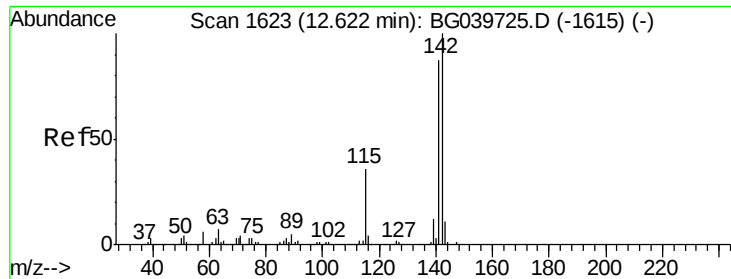
Ion Ratio Lower Upper

107 100

144 25.0 20.2 30.2

142 78.3 61.4 92.2





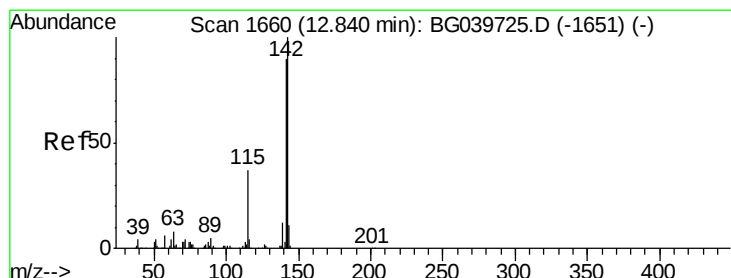
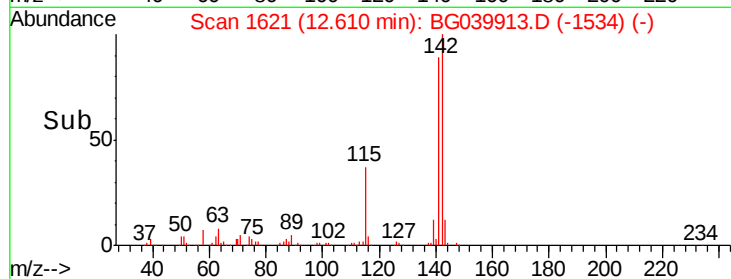
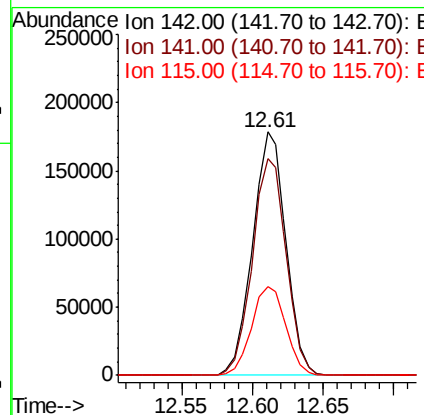
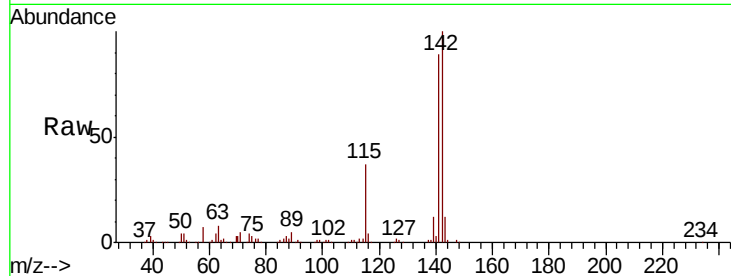
#37
 2-Methylnaphthalene
 Concen: 41.276 ng
 RT: 12.61 min Scan# 1621
 Delta R.T. -0.02 min
 Lab File: BG039913.D
 Acq: 13 Mar 2019 22:02

Instrument :
 BNA_G
 ClientSampled :
 SP-1MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	73.5	110.3
115	36.6	30.8	46.2

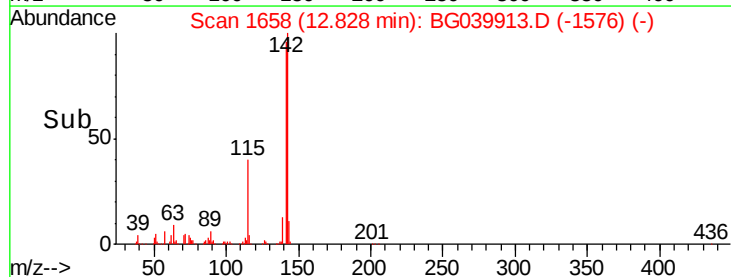
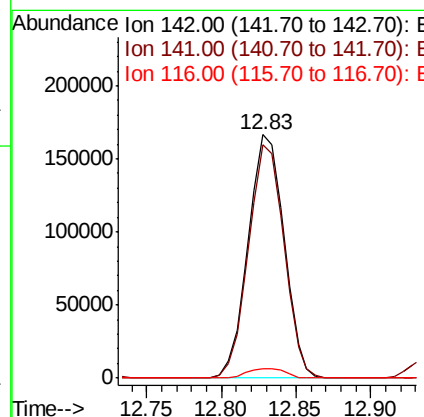
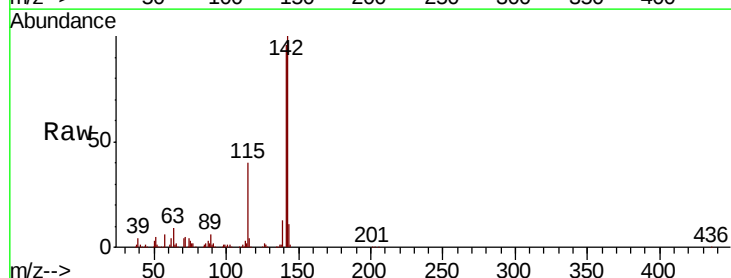
Manual Integrations
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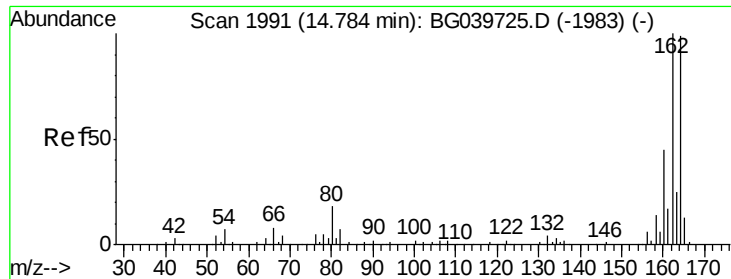
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#38
 1-Methylnaphthalene
 Concen: 39.906 ng
 RT: 12.83 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BG039913.D
 Acq: 13 Mar 2019 22:02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.8	74.2	111.4
116	3.8	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BG039913.D

Acq: 13 Mar 2019 22:02

Instrument :

BNA_G

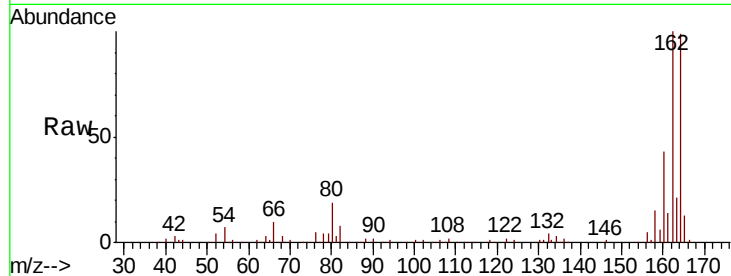
ClientSampleId :

SP-1MSD

Tot Ion:	164	Resp:	116452
Ion Ratio	Lower	Upper	
164	100		
162	100.5	81.6	122.4
160	42.8	34.2	51.2

Manual Integrations
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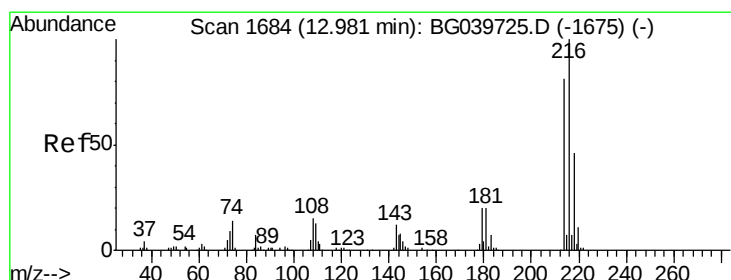
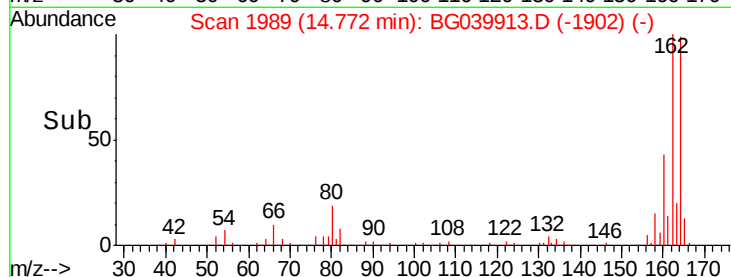
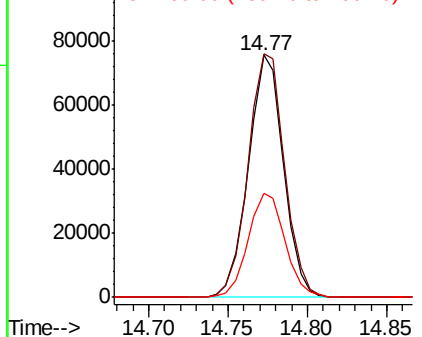


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.851 ng

RT: 12.97 min Scan# 1682

Delta R.T. -0.02 min

Lab File: BG039913.D

Acq: 13 Mar 2019 22:02

Tgt Ion:	216	Resp:	165105
Ion Ratio	Lower	Upper	
216	100		
214	80.1	62.6	94.0
179	20.4	16.6	25.0
108	18.2	14.0	21.0

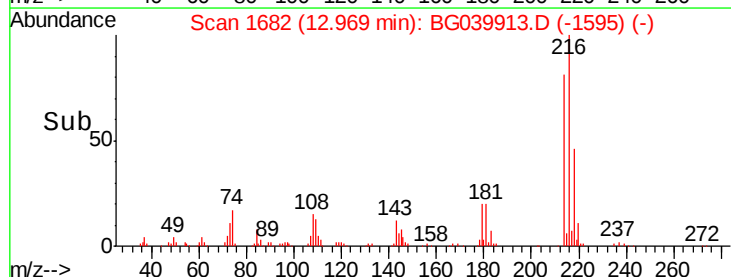
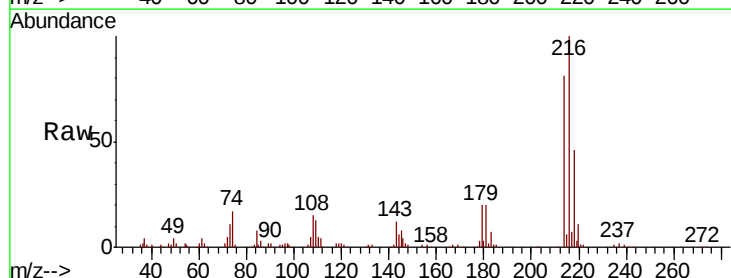
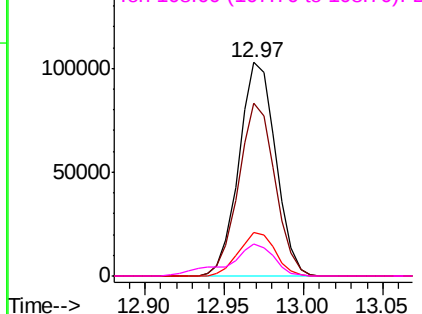
Abundance

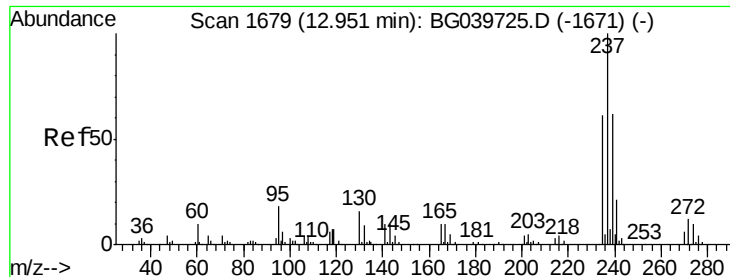
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





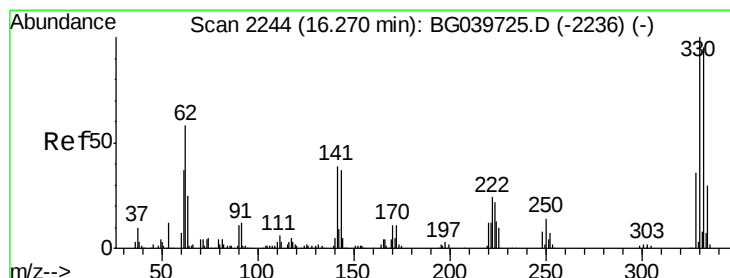
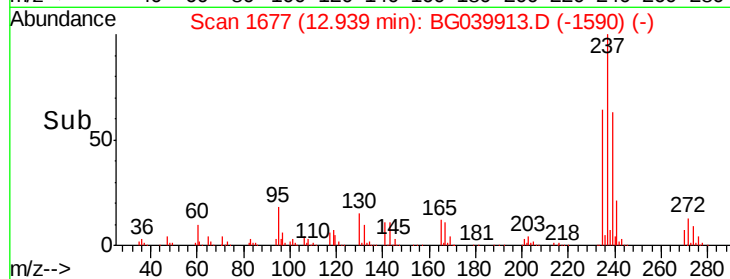
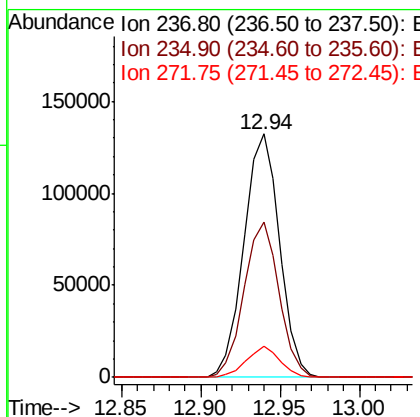
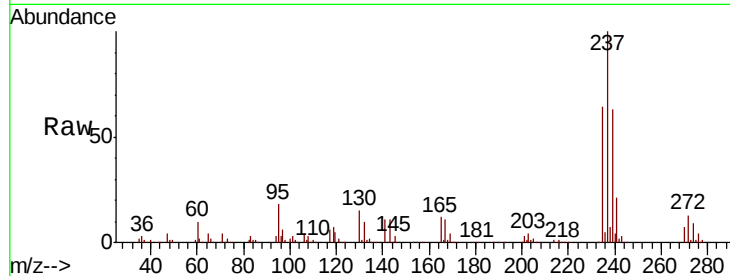
#41
Hexachlorocyclopentadiene
Concen: 97.451 ng
RT: 12.94 min Scan# 1677
Delta R.T. -0.02 min
Lab File: BG039913.D
Acq: 13 Mar 2019 22:02

Instrument :
BNA_G
ClientSampleId :
SP-1MSD

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	63.8	43.3	83.3
272	12.7	0.0	32.3

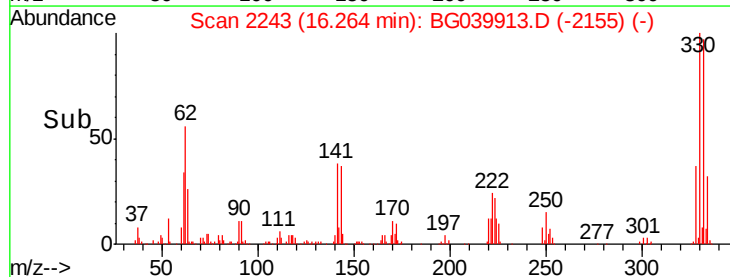
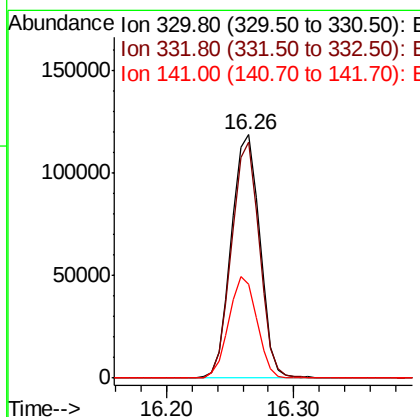
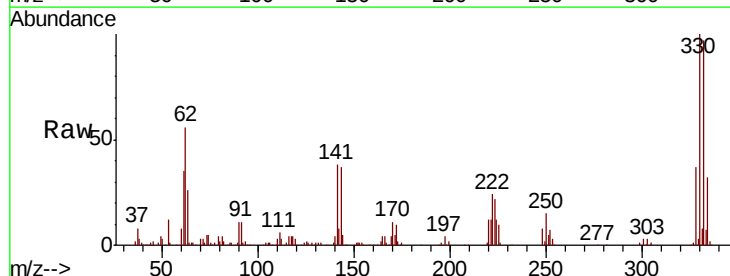
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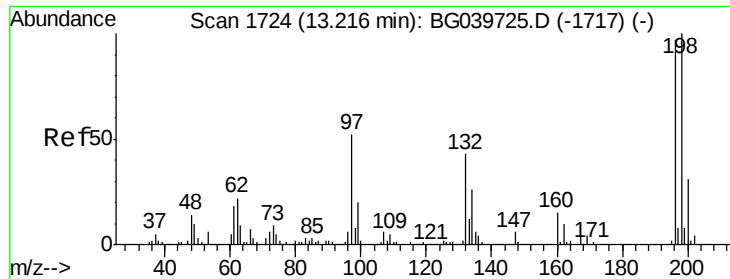
Sohil
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#42
2,4,6-Tribromophenol
Concen: 135.485 ng
RT: 16.26 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BG039913.D
Acq: 13 Mar 2019 22:02

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	94.7	75.7	113.5
141	41.2	35.6	53.4





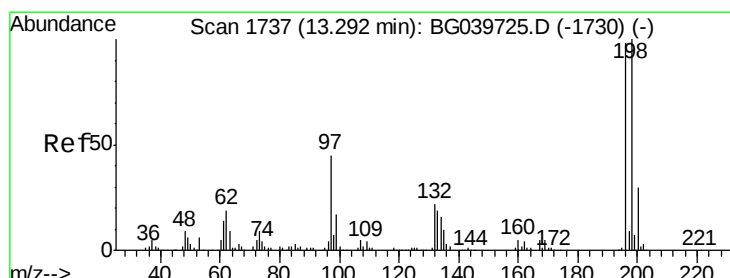
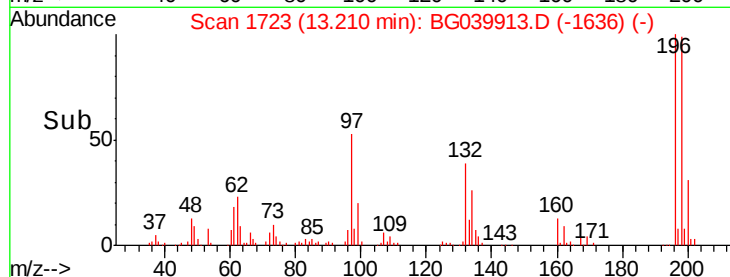
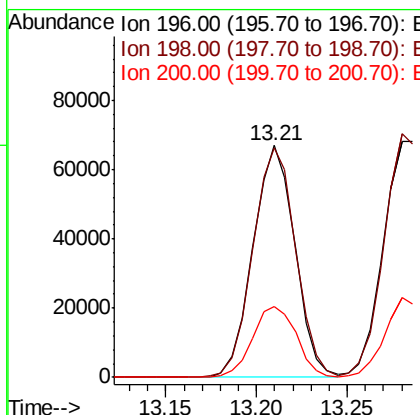
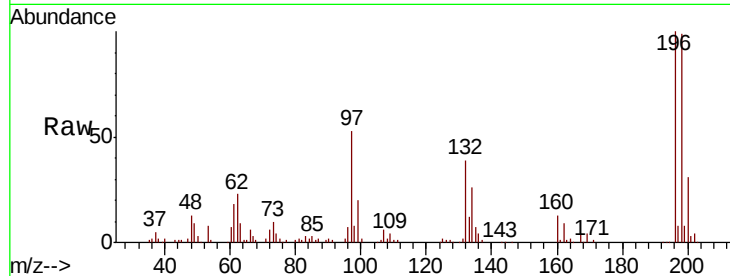
#43
 2,4,6-Trichlorophenol
 Concen: 46.453 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.02 min
 Lab File: BG039913.D
 Acq: 13 Mar 2019 22:02

Instrument :
 BNA_G
 ClientSampled :
 SP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	107292		
198	99.0	80.6	121.0	
200	30.8	26.1	39.1	

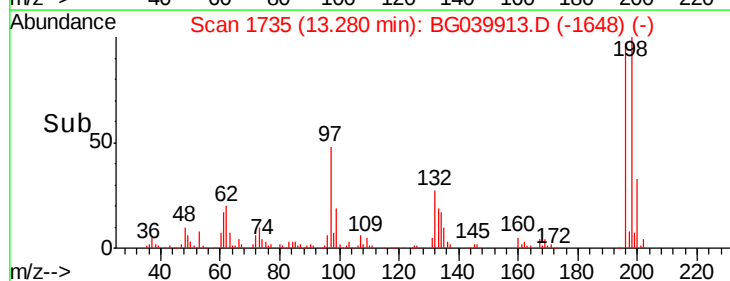
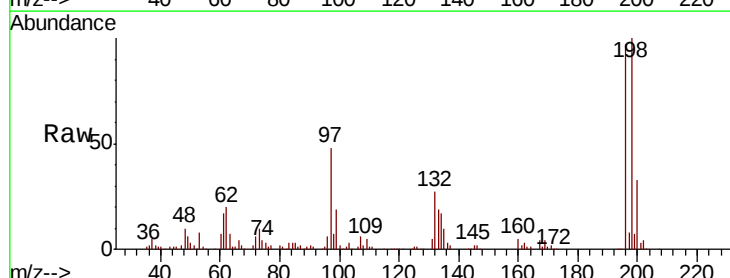
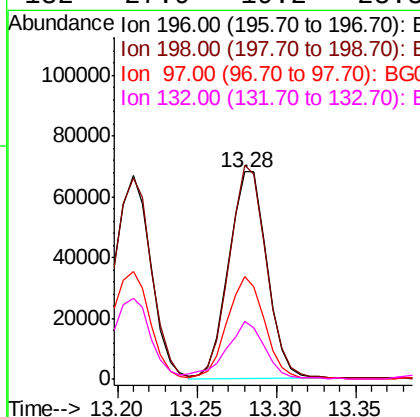
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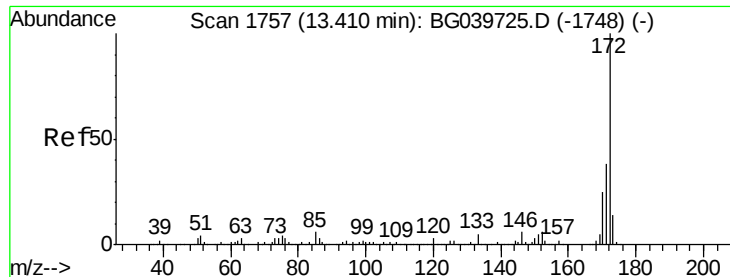
Sohil
 3/14/2019 11:12:15 AM



#44
 2,4,5-Trichlorophenol
 Concen: 43.786 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.02 min
 Lab File: BG039913.D
 Acq: 13 Mar 2019 22:02

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	113994		
198	103.3	78.5	117.7	
97	49.4	38.4	57.6	
132	27.9	19.2	28.8	





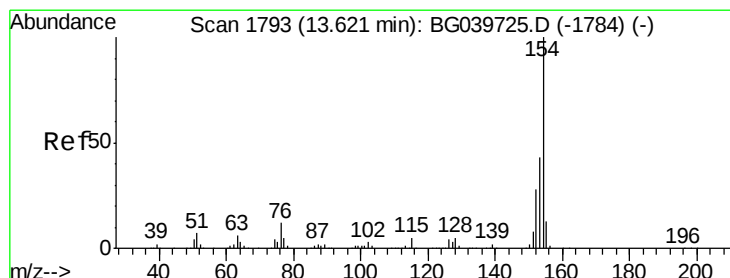
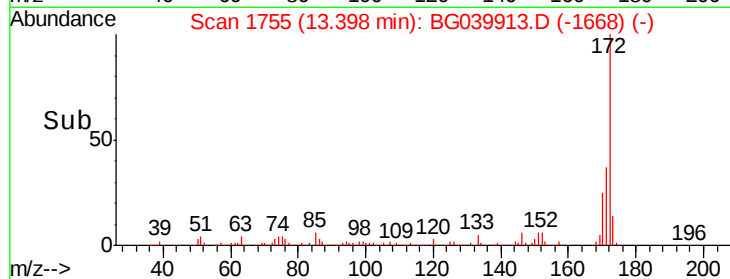
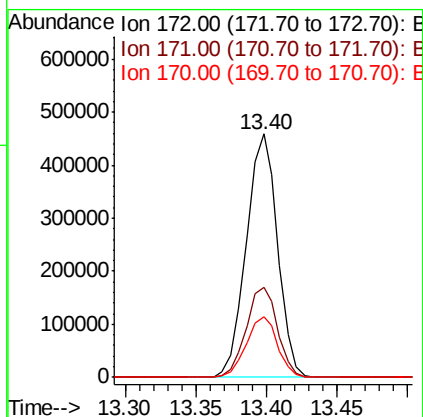
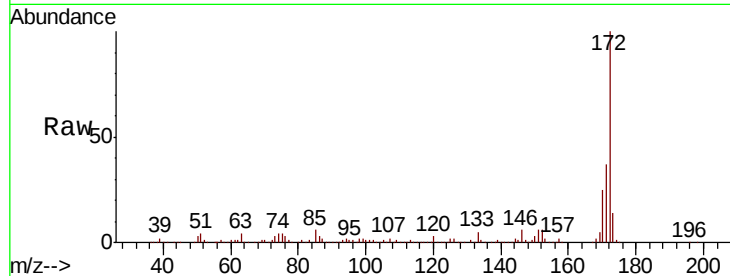
#45
2-Fluorobiphenyl
Concen: 86.780 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.02 min
Lab File: BG039913.D
Acq: 13 Mar 2019 22:02

Instrument :
BNA_G
ClientSampleId :
SP-1MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.8	46.2
170	24.9	20.2	30.4

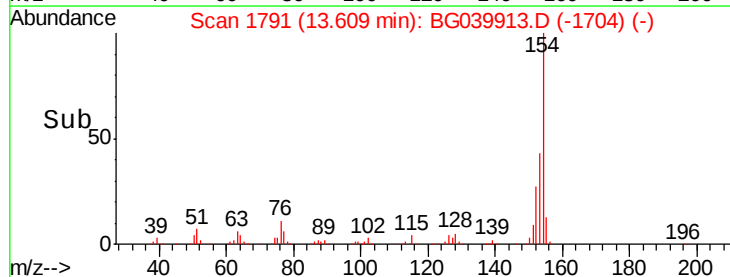
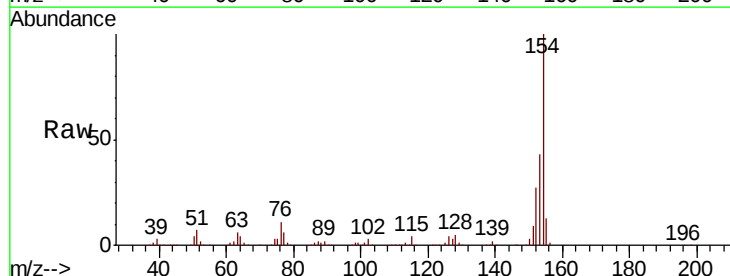
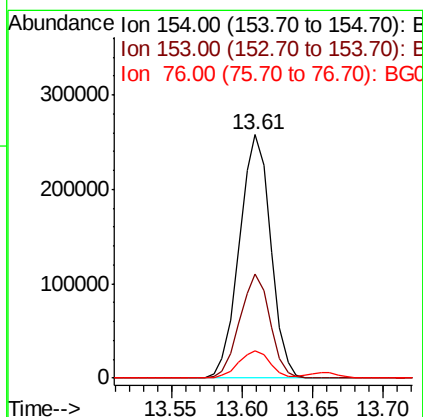
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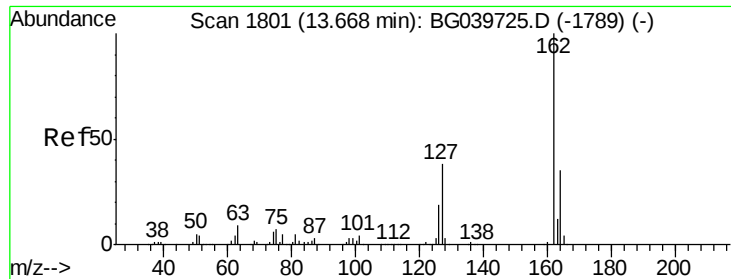
Sohil
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#46
1,1'-Biphenyl
Concen: 41.722 ng
RT: 13.61 min Scan# 1791
Delta R.T. -0.02 min
Lab File: BG039913.D
Acq: 13 Mar 2019 22:02

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.8	22.1	62.1
76	11.2	0.0	32.4





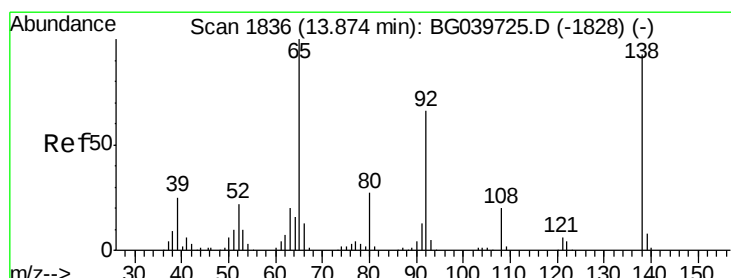
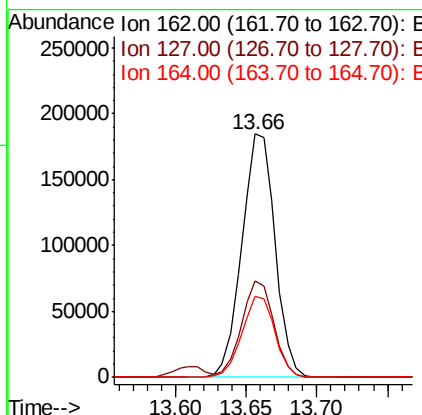
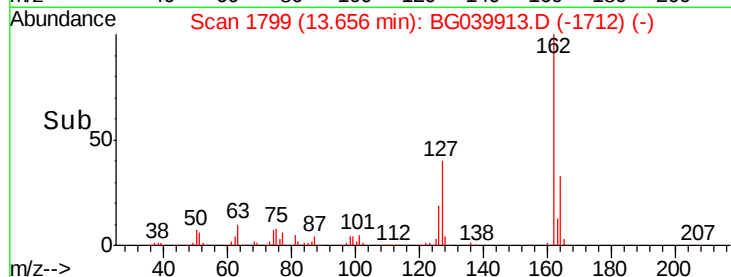
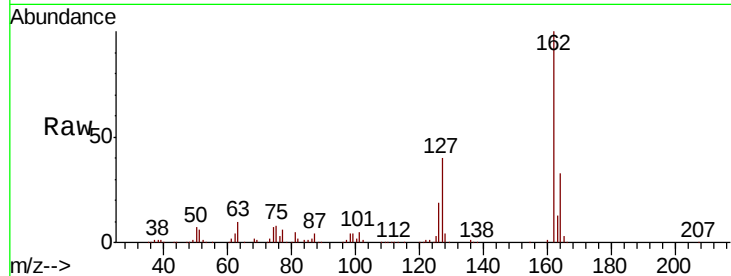
#47
 2-Chloronaphthalene
 Concen: 42.191 ng
 RT: 13.66 min Scan# 1799
 Delta R.T. -0.02 min
 Lab File: BG039913.D
 Acq: 13 Mar 2019 22:02

Instrument :
 BNA_G
 ClientSampleId :
 SP-1MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.6	31.0	46.6
164	33.3	25.7	38.5

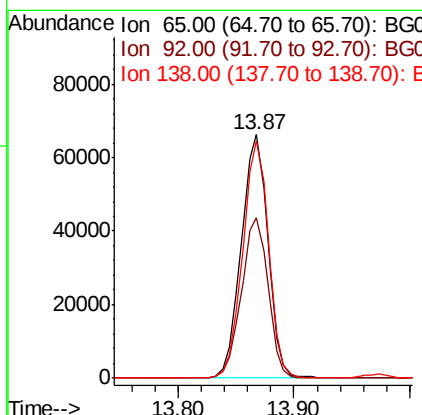
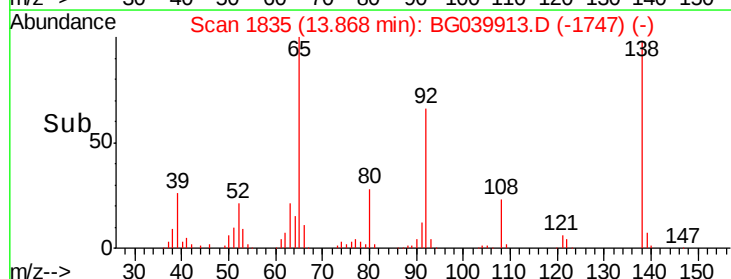
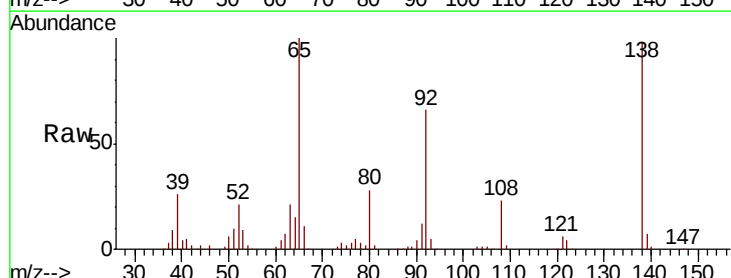
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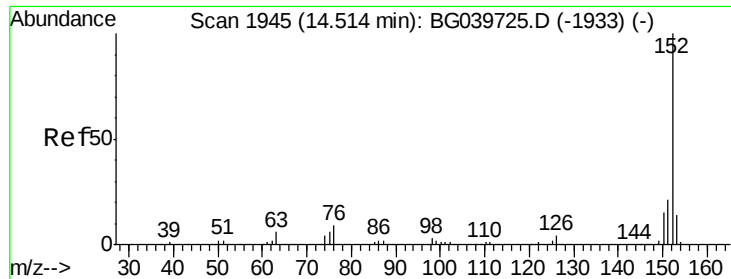
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#48
 2-Nitroaniline
 Concen: 45.606 ng
 RT: 13.87 min Scan# 1835
 Delta R.T. -0.01 min
 Lab File: BG039913.D
 Acq: 13 Mar 2019 22:02

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.8	51.4	77.2
138	97.6	71.4	107.2





#49

Acenaphthylene

Concen: 41.050 ng

RT: 14.50 min Scan# 1943

Delta R.T. -0.02 min

Lab File: BG039913.D

Acq: 13 Mar 2019 22:02

Instrument :

BNA_G

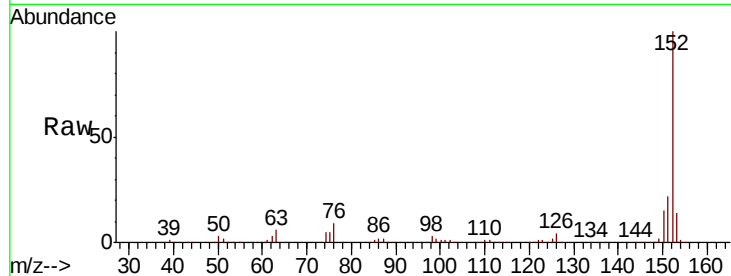
ClientSampleId :

SP-1MSD

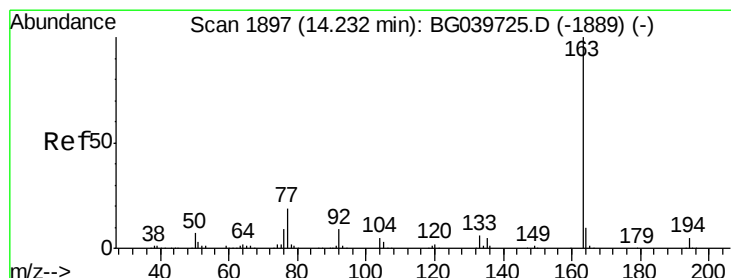
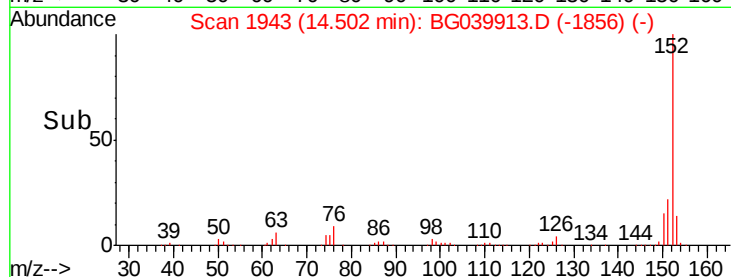
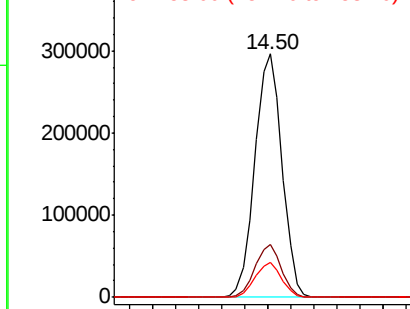
Tot Ion:	152	Resp:	485562
Ion Ratio	Lower	Upper	
152	100		
151	21.7	16.8	25.2
153	14.2	11.7	17.5

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.722 ng

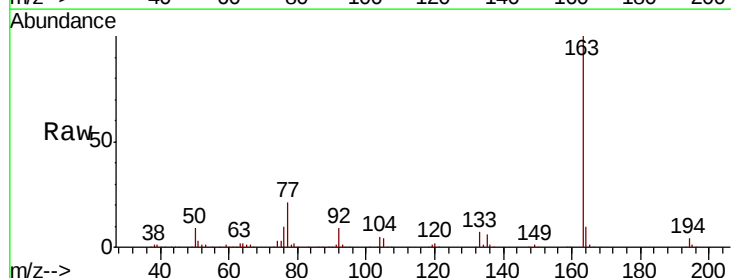
RT: 14.22 min Scan# 1895

Delta R.T. -0.02 min

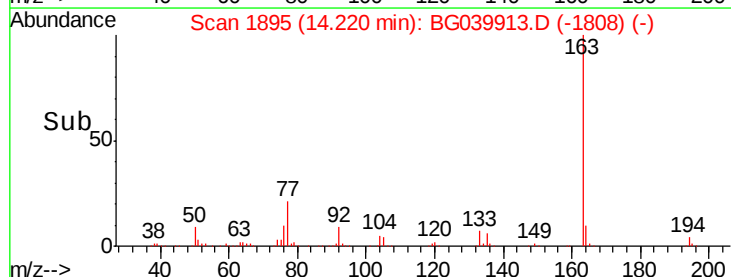
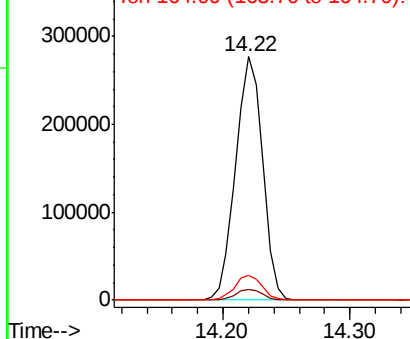
Lab File: BG039913.D

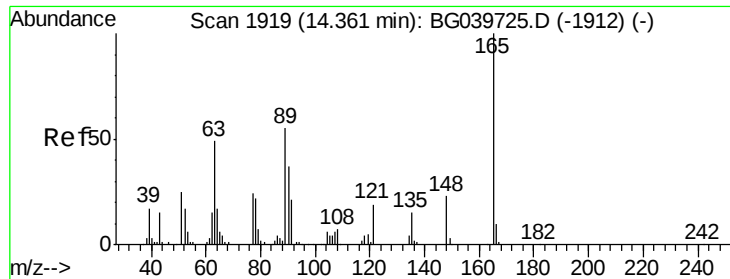
Acq: 13 Mar 2019 22:02

Tgt Ion:	163	Resp:	406272
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.6	5.4
164	10.2	8.4	12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





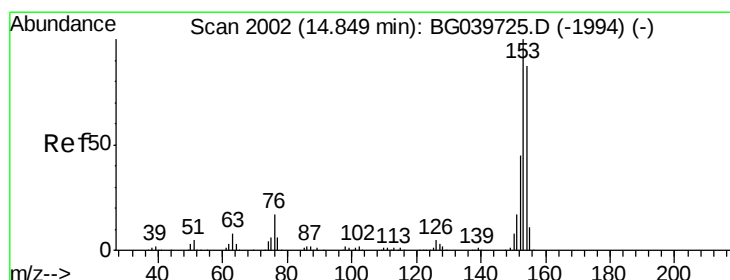
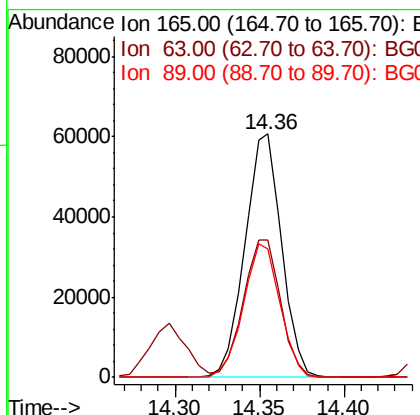
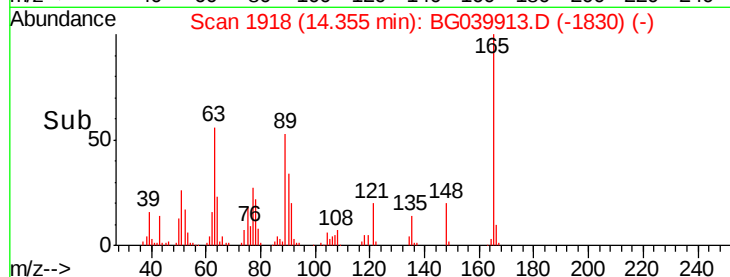
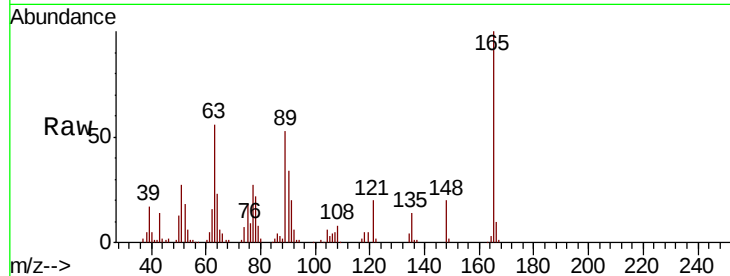
#51
2,6-Dinitrotoluene
Concen: 44.321 ng
RT: 14.36 min Scan# 1918
Delta R.T. -0.01 min
Lab File: BG039913.D
Acq: 13 Mar 2019 22:02

Instrument :
BNA_G
ClientSampleId :
SP-1MSD

Tot Ion:	165	Resp:	91493
Ion Ratio	Lower	Upper	
165	100		
63	56.4	47.0	70.6
89	52.9	45.8	68.8

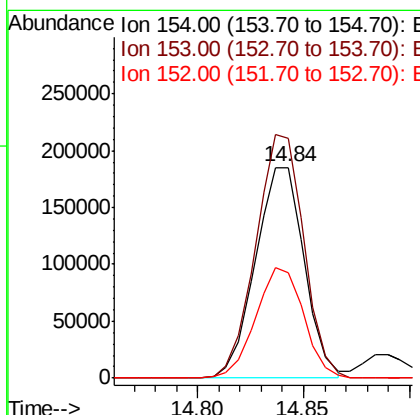
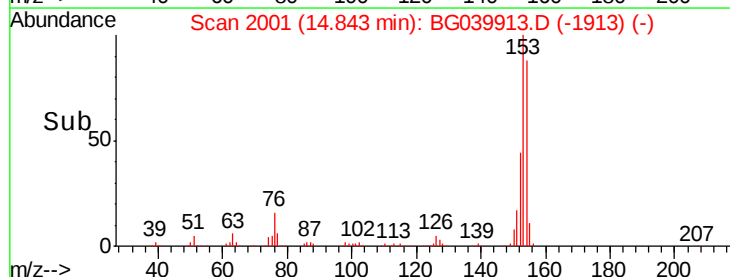
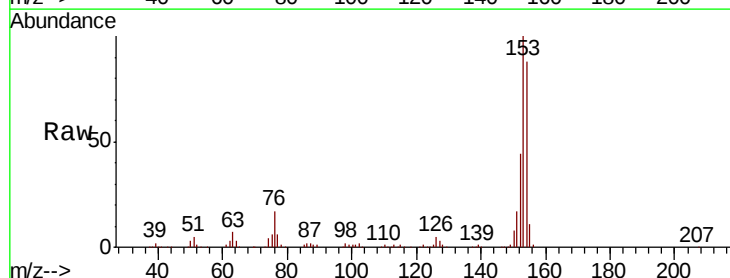
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#52
Acenaphthene
Concen: 41.716 ng
RT: 14.84 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BG039913.D
Acq: 13 Mar 2019 22:02

Tgt Ion:	154	Resp:	296989
Ion Ratio	Lower	Upper	
154	100		
153	113.7	90.1	135.1
152	50.3	40.9	61.3





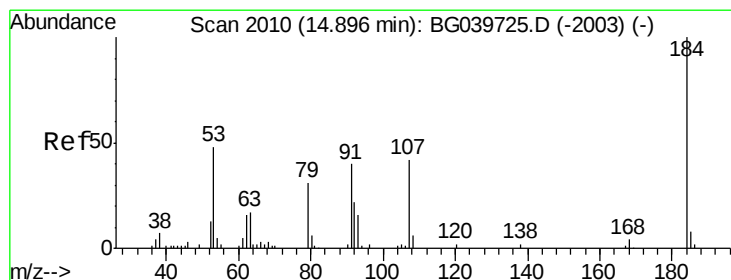
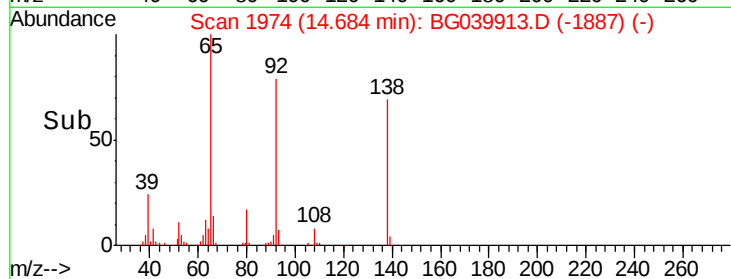
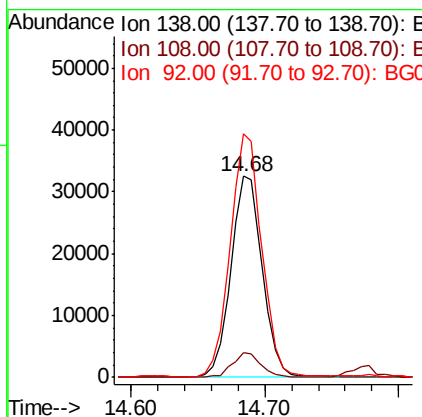
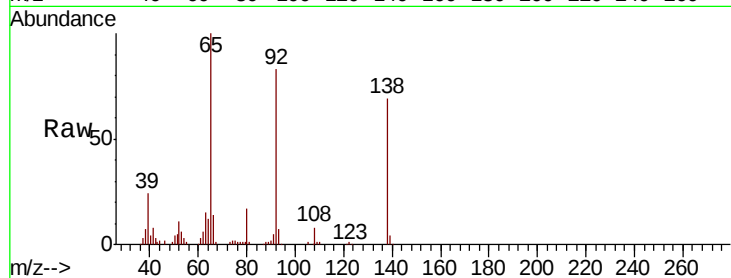
#53
3-Nitroaniline
Concen: 25.578 ng
RT: 14.68 min Scan# 1974
Delta R.T. -0.02 min
Lab File: BG039913.D
Acq: 13 Mar 2019 22:02

Instrument :
BNA_G
ClientSampled :
SP-1MSD

Tot Ion:138 Resp: 53077
Ion Ratio Lower Upper
138 100
108 12.0 13.8 20.8#
92 121.0 103.7 155.5

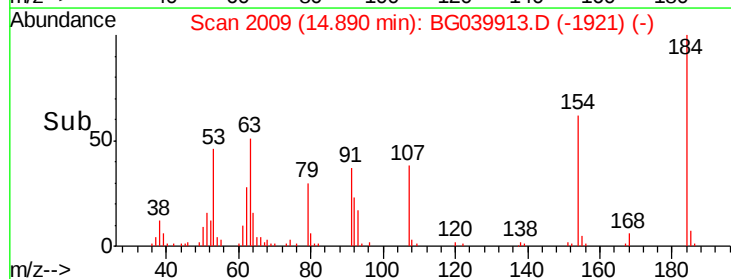
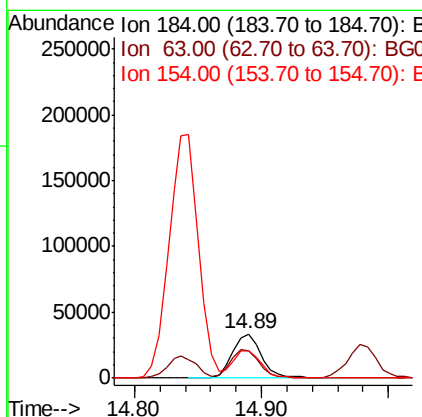
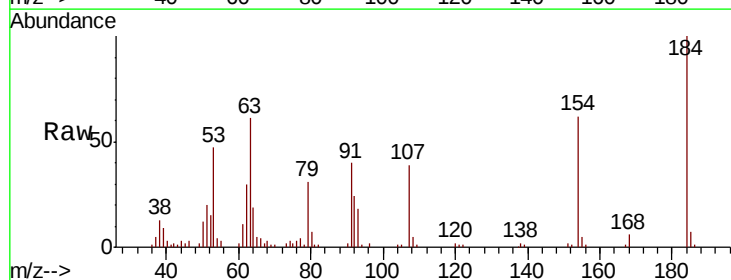
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#54
2,4-Dinitrophenol
Concen: 43.412 ng
RT: 14.89 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG039913.D
Acq: 13 Mar 2019 22:02

Tgt Ion:184 Resp: 53166
Ion Ratio Lower Upper
184 100
63 61.0 50.9 76.3
154 62.2 53.0 79.6





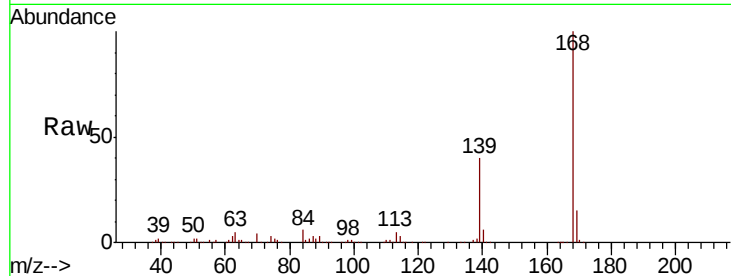
#55
Dibenzenofuran
Concen: 41.373 ng
RT: 15.17 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BG039913.D
Acq: 13 Mar 2019 22:02

Instrument :
BNA_G
ClientSampleId :
SP-1MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.1	30.1	45.1
169	14.6	10.6	16.0

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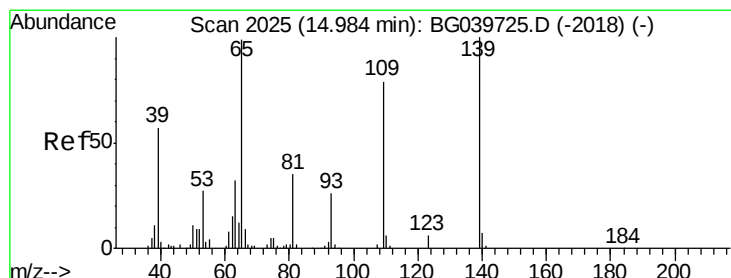
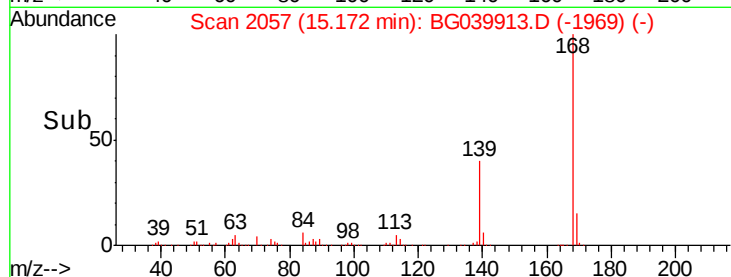
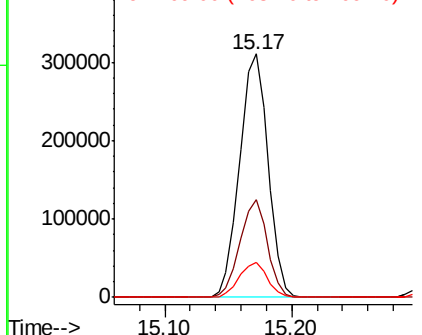


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 69.808 ng
RT: 14.98 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BG039913.D
Acq: 13 Mar 2019 22:02

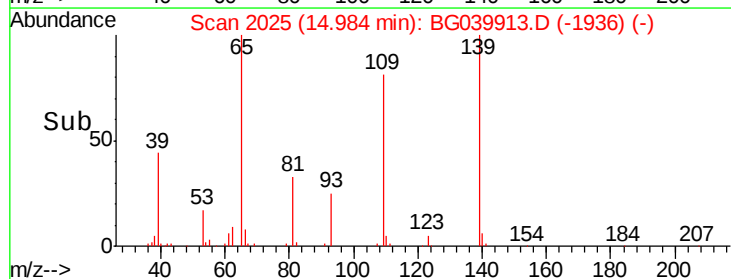
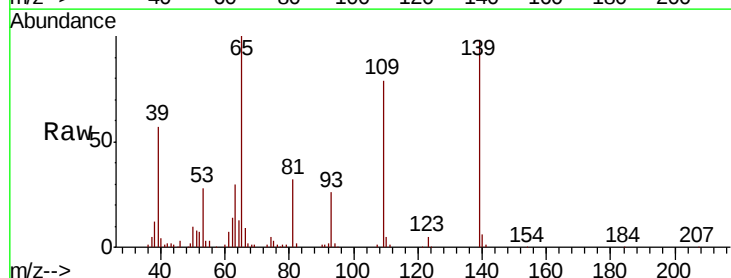
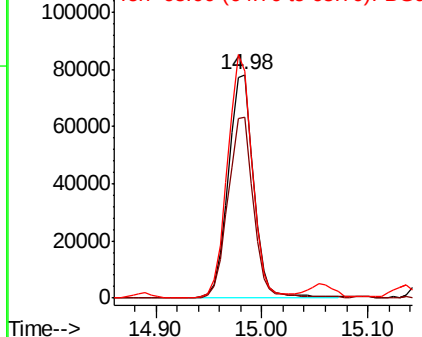
Tgt Ion	Ratio	Lower	Upper
139	100		
109	80.9	61.9	101.9
65	101.9	99.1	139.1

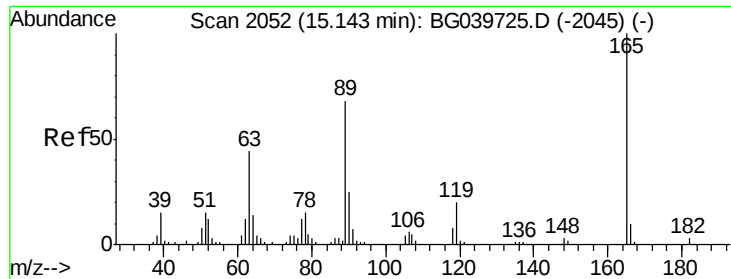
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





#57

2,4-Dinitrotoluene

Concen: 43.952 ng

RT: 15.14 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BG039913.D

Acq: 13 Mar 2019 22:02

Instrument :

BNA_G

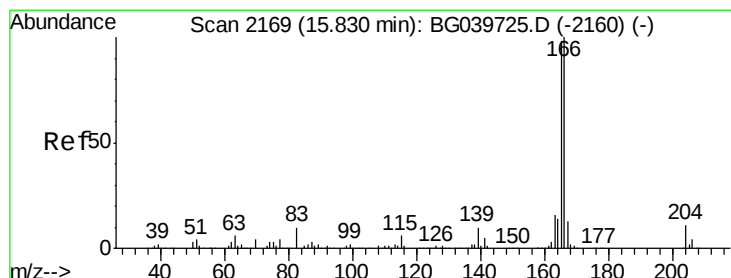
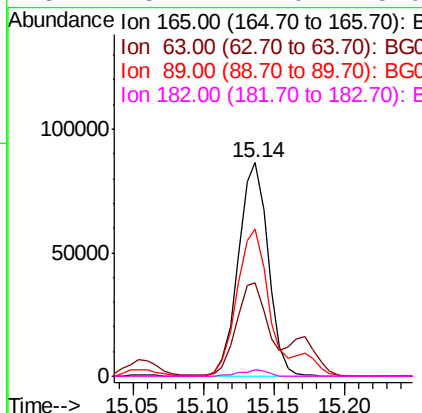
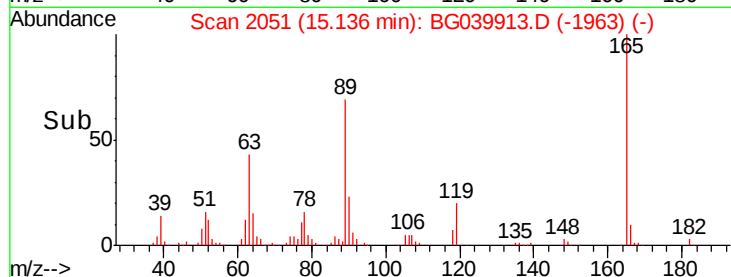
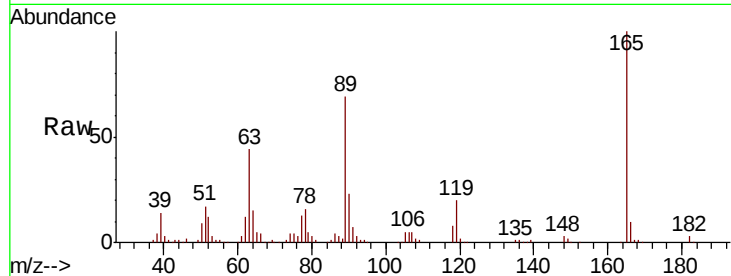
ClientSampleId :

SP-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		127488		
63	43.8		41.0	61.6	
89	68.8		64.6	96.8	
182	3.1		2.0	3.0#	

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#58

Fluorene

Concen: 41.498 ng

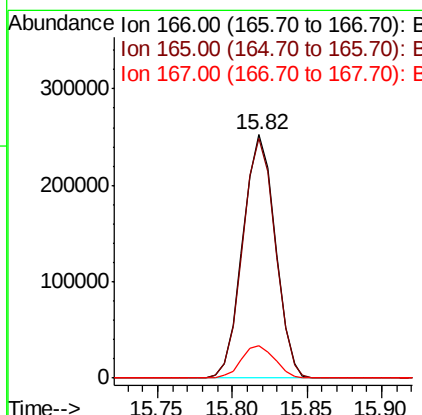
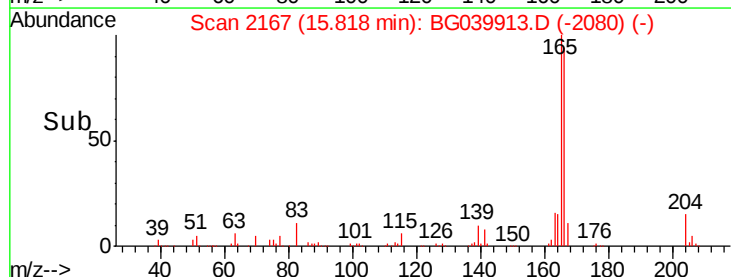
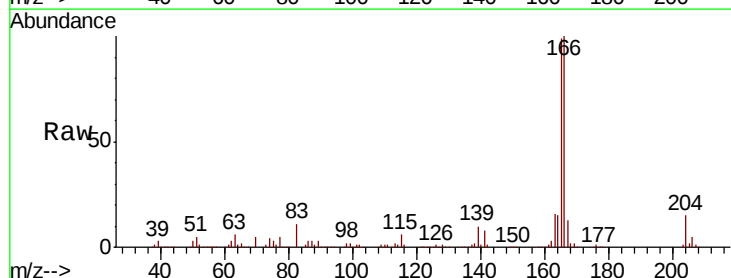
RT: 15.82 min Scan# 2167

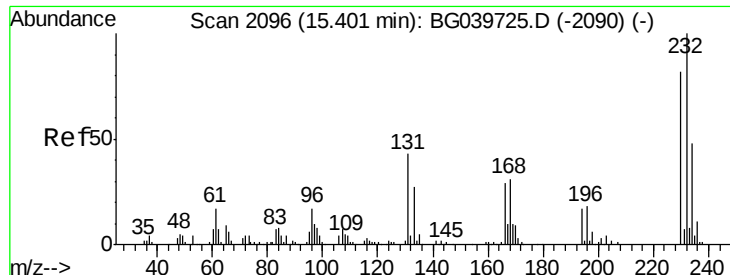
Delta R.T. -0.02 min

Lab File: BG039913.D

Acq: 13 Mar 2019 22:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		381056		
165	98.7		77.9	116.9	
167	13.1		10.8	16.2	





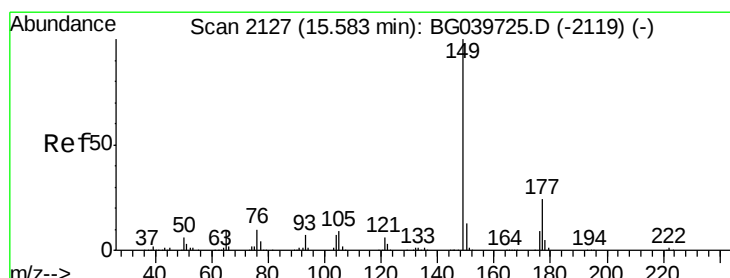
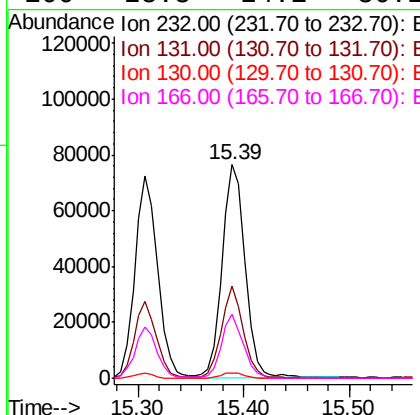
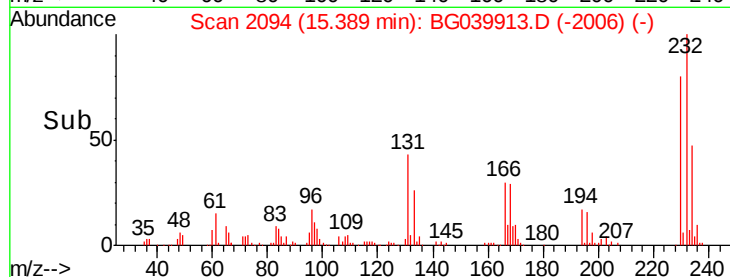
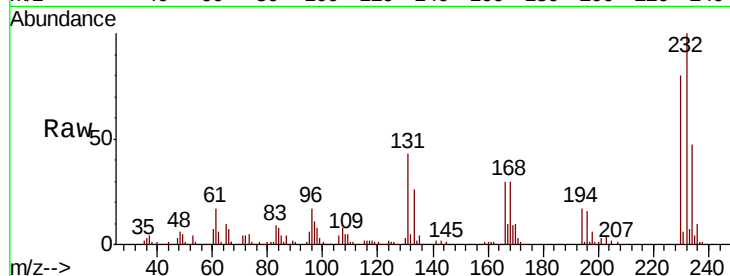
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.430 ng
RT: 15.39 min Scan# 2094
Delta R.T. -0.01 min
Lab File: BG039913.D
Acq: 13 Mar 2019 22:02

Instrument :
BNA_G
ClientSampleId :
SP-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		115508		
131	41.3		34.9	52.3	
130	2.5		2.0	3.0	
166	28.3		24.1	36.1	

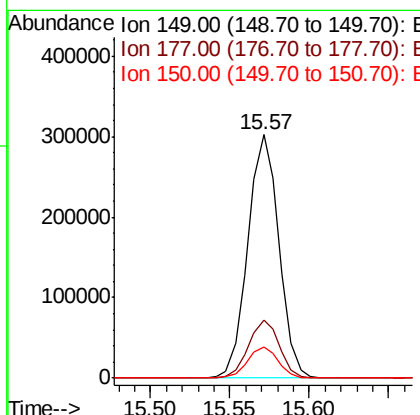
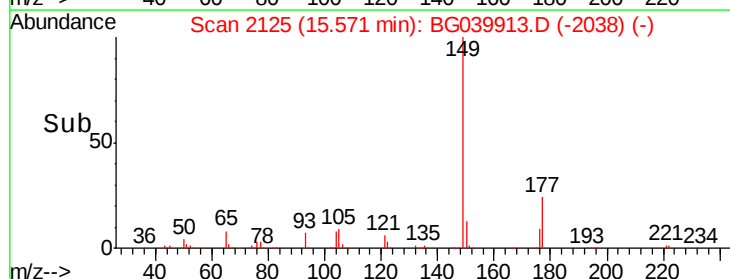
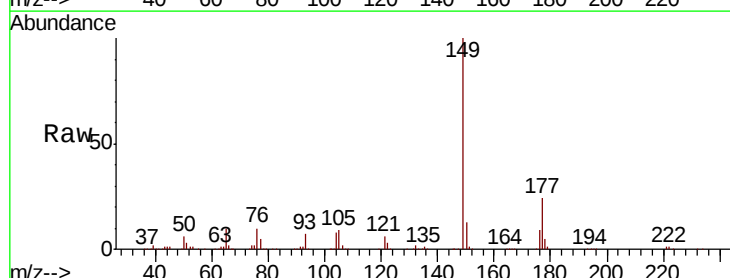
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#60
Diethylphthalate
Concen: 42.551 ng
RT: 15.57 min Scan# 2125
Delta R.T. -0.02 min
Lab File: BG039913.D
Acq: 13 Mar 2019 22:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		410169		
177	23.7		18.3	27.5	
150	12.7		10.2	15.2	





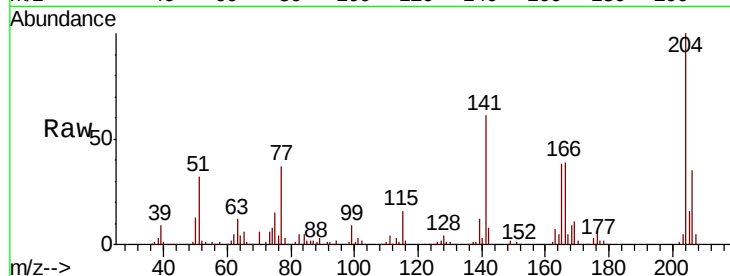
#61
4-Chlorophenyl-phenylether
Concen: 42.365 ng
RT: 15.80 min Scan# 2164
Delta R.T. -0.02 min
Lab File: BG039913.D
Acq: 13 Mar 2019 22:02

Instrument :
BNA_G
ClientSampled :
SP-1MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.0	29.2	43.8
141	61.2	49.0	73.4

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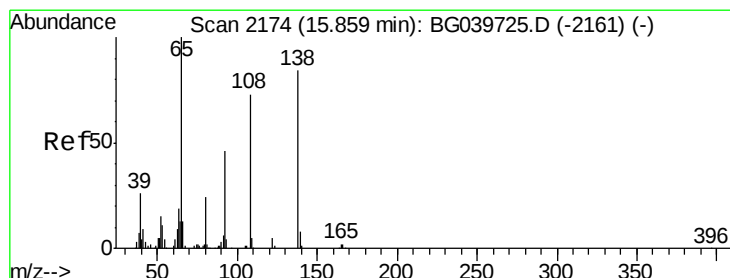
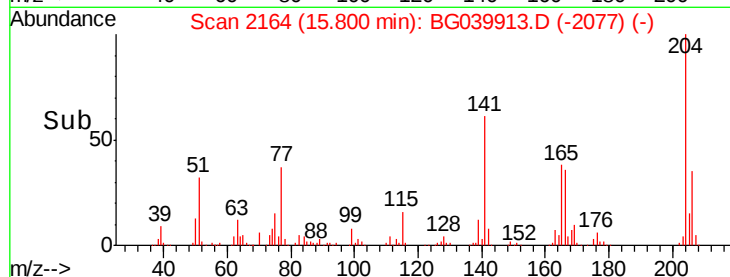
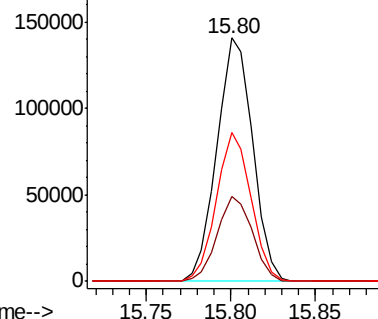


Abundance

Ion 204.00 (203.70 to 204.70): E

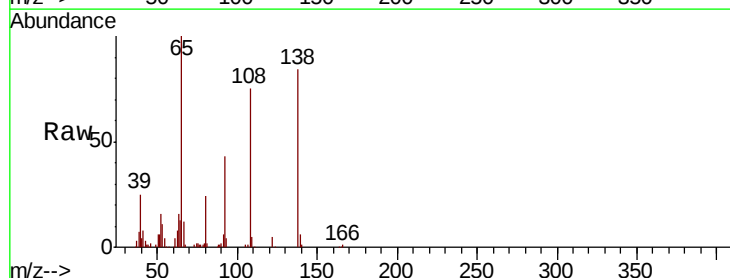
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 42.789 ng
RT: 15.85 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BG039913.D
Acq: 13 Mar 2019 22:02

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.5	38.7	78.7
108	88.6	74.6	114.6

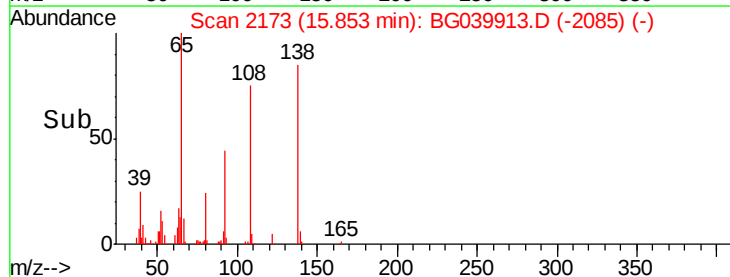
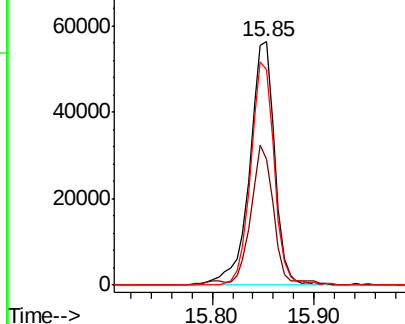


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





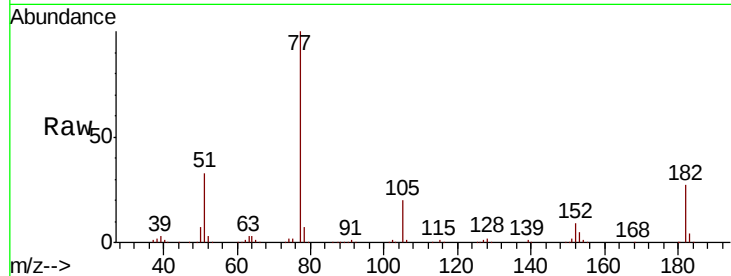
#63
Azobenzene
Concen: 41.988 ng
RT: 16.09 min Scan# 2214
Delta R.T. -0.02 min
Lab File: BG039913.D
Acq: 13 Mar 2019 22:02

Instrument :
BNA_G
ClientSampleId :
SP-1MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.5	6.4	46.4
105	19.6	0.0	39.8
51	33.2	14.1	54.1

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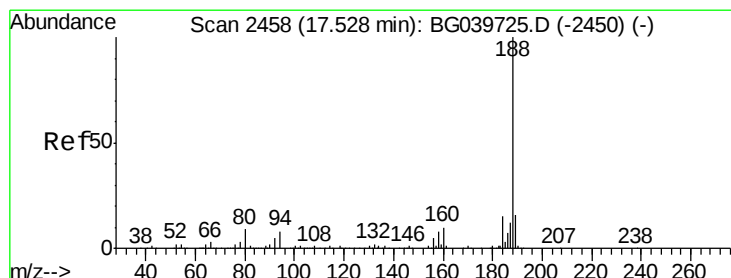
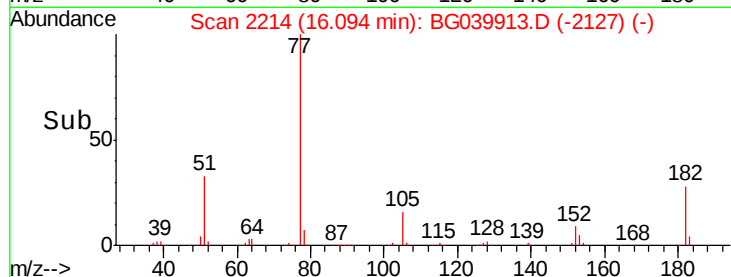
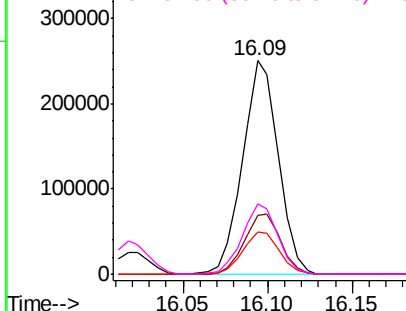
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

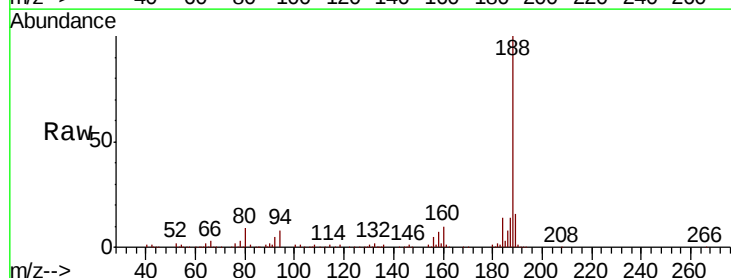
Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BG039913.D
Acq: 13 Mar 2019 22:02

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.9	10.3
80	9.1	8.1	12.1

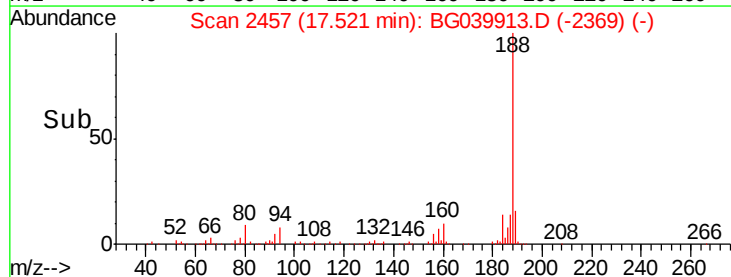
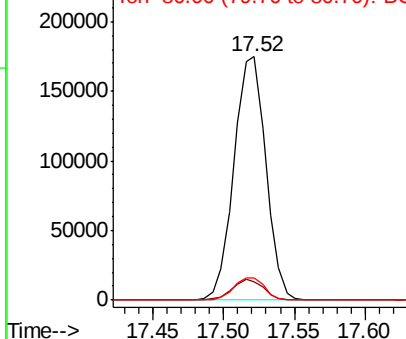


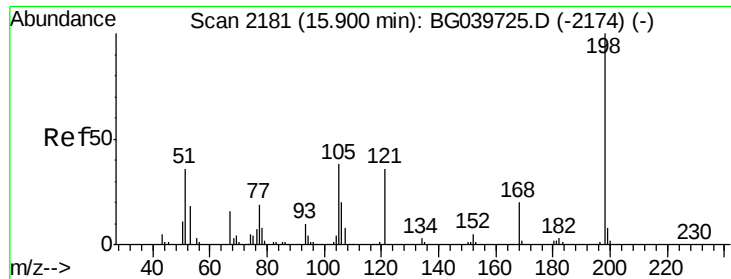
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 30.421 ng

RT: 15.89 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BG039913.D

Acq: 13 Mar 2019 22:02

Instrument :

BNA_G

ClientSampleId :

SP-1MSD

Tot Ion:198 Resp: 49538

Ion Ratio Lower Upper

198 100

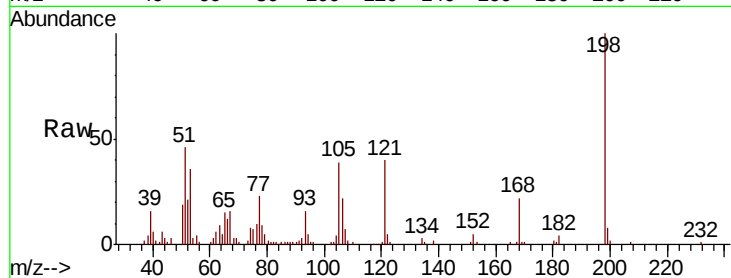
51 46.4 27.4 67.4

105 39.2 19.7 59.7

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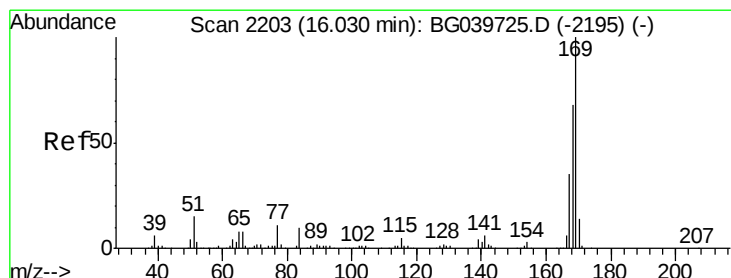
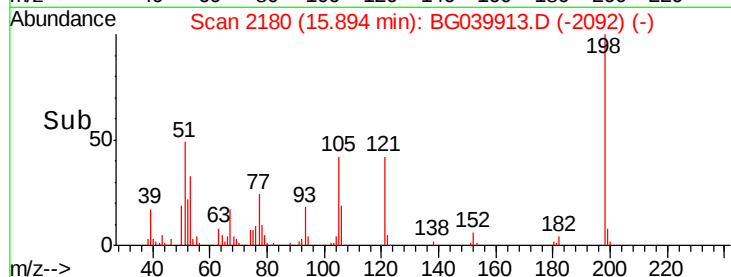
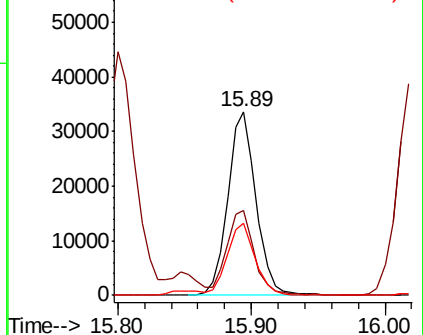
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.728 ng

RT: 16.02 min Scan# 2202

Delta R.T. -0.01 min

Lab File: BG039913.D

Acq: 13 Mar 2019 22:02

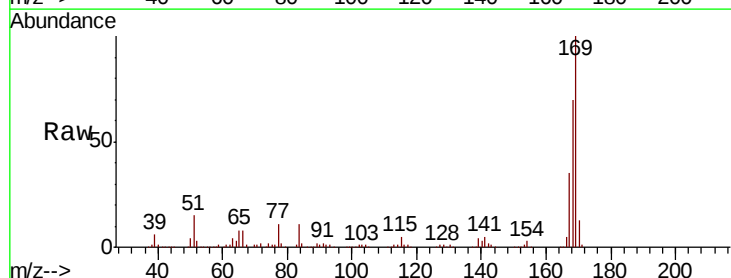
Tgt Ion:169 Resp: 348646

Ion Ratio Lower Upper

169 100

168 70.1 56.6 85.0

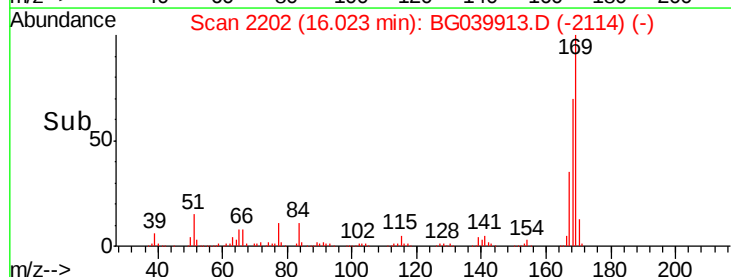
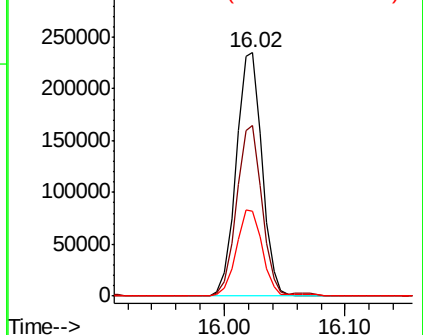
167 35.0 28.8 43.2



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





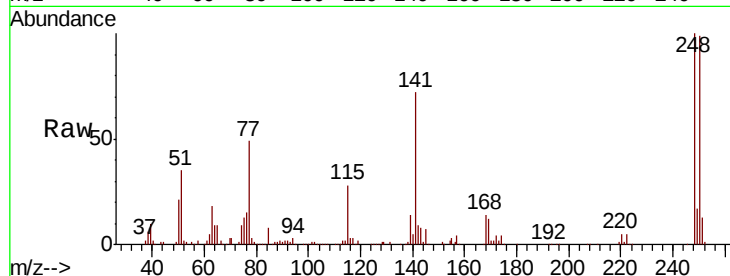
#67
4-Bromophenyl-phenylether
Concen: 43.104 ng
RT: 16.70 min Scan# 2317
Delta R.T. -0.02 min
Lab File: BG039913.D
Acq: 13 Mar 2019 22:02

Instrument :
BNA_G
ClientSampleId :
SP-1MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.8	77.6	116.4
141	71.6	63.9	95.9

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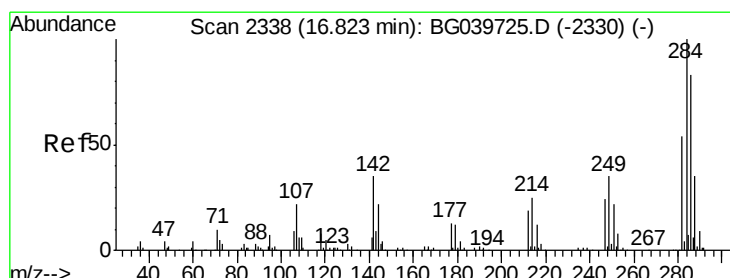
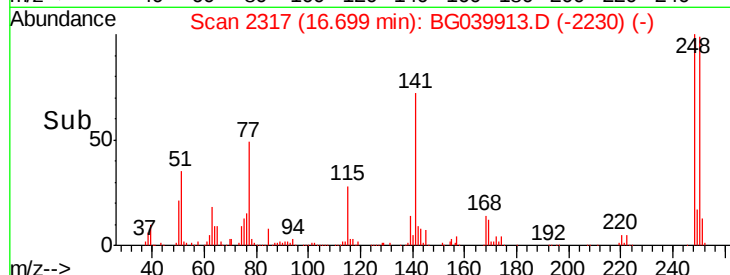
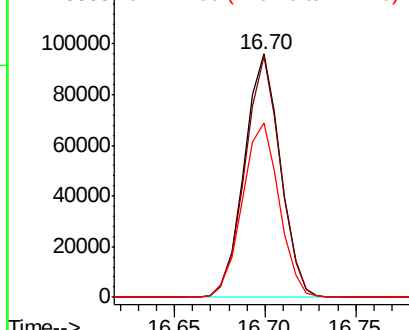


Abundance

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: 42.402 ng
RT: 16.81 min Scan# 2336
Delta R.T. -0.02 min
Lab File: BG039913.D
Acq: 13 Mar 2019 22:02

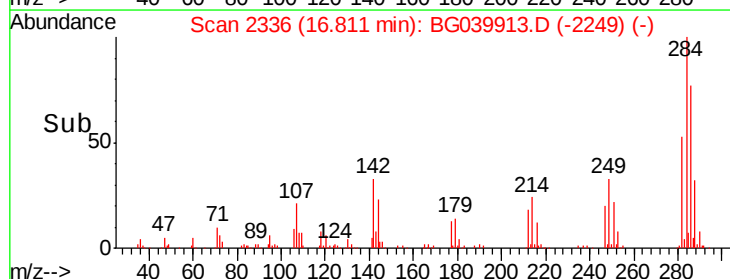
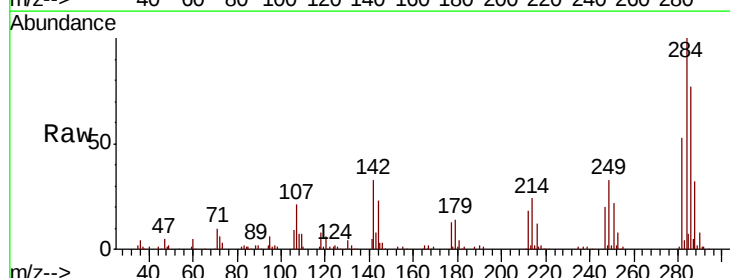
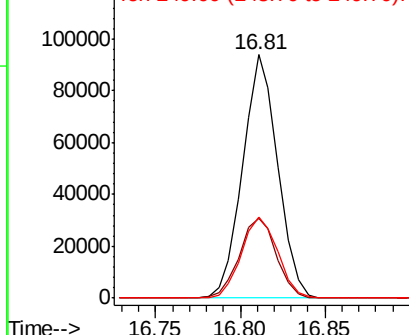
Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.6	30.6	45.8
249	33.3	28.2	42.2

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





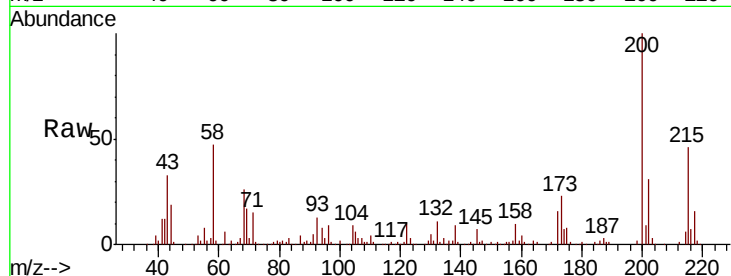
#69
 Atrazine
 Concen: 44.937 ng
 RT: 16.96 min Scan# 2361
 Delta R.T. -0.01 min
 Lab File: BG039913.D
 Acq: 13 Mar 2019 22:02

Instrument :
 BNA_G
 ClientSampled :
 SP-1MSD

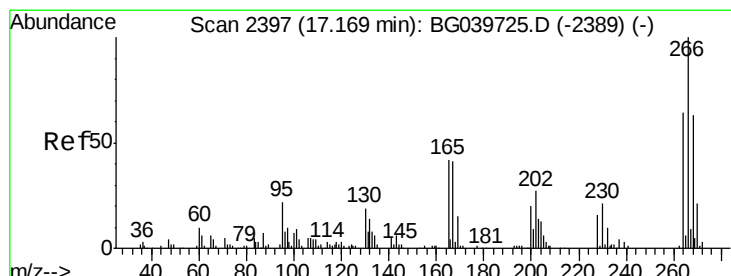
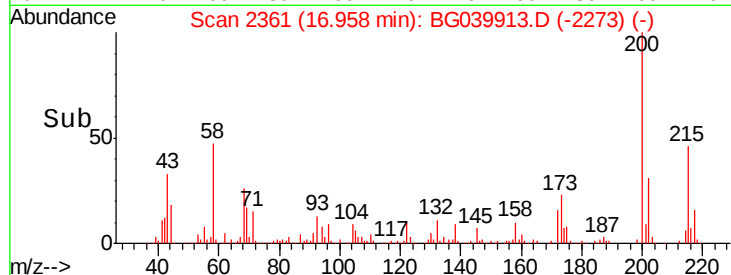
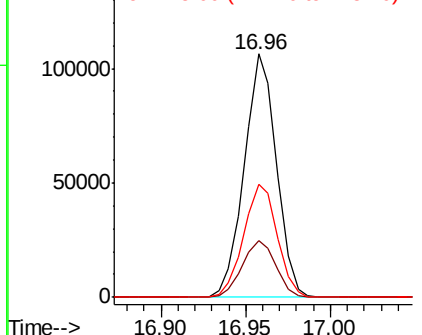
Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	23.3	3.9	43.9
215	46.4	30.9	70.9

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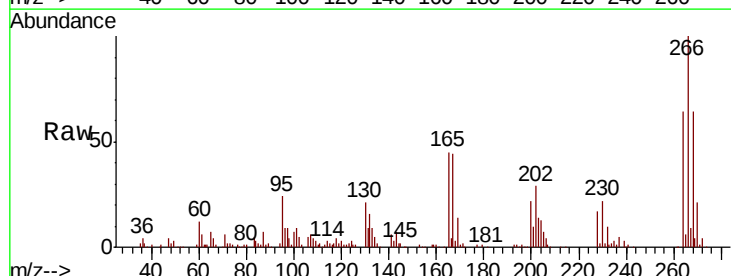


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

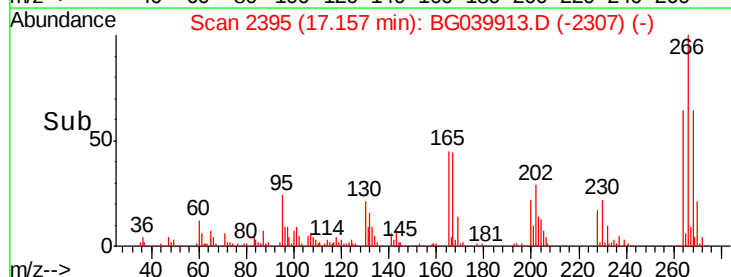
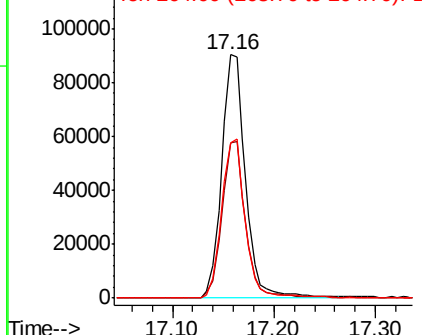


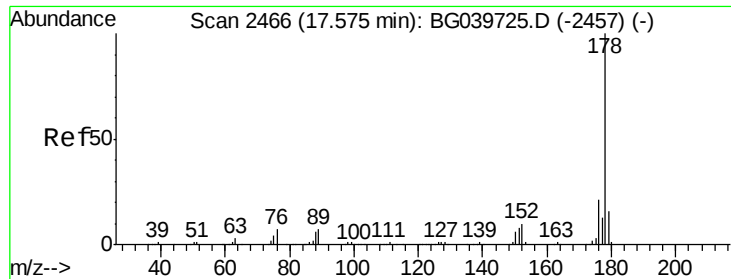
#70
 Pentachlorophenol
 Concen: 72.911 ng
 RT: 17.16 min Scan# 2395
 Delta R.T. -0.01 min
 Lab File: BG039913.D
 Acq: 13 Mar 2019 22:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.8	51.1	76.7
264	63.5	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





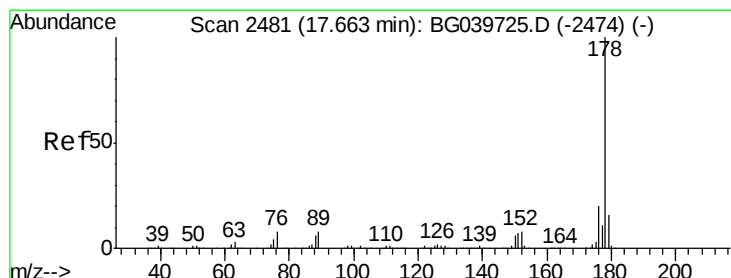
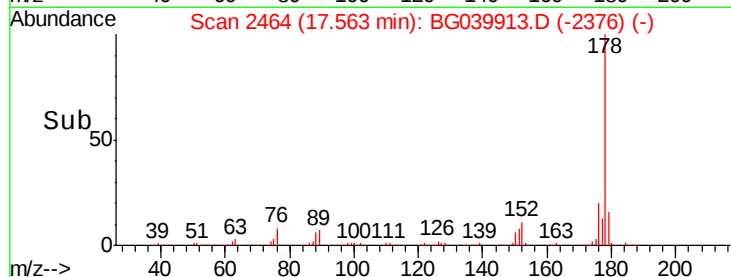
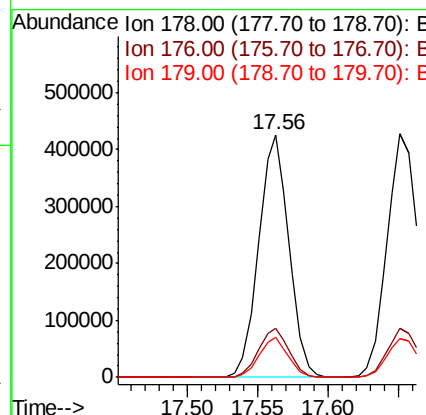
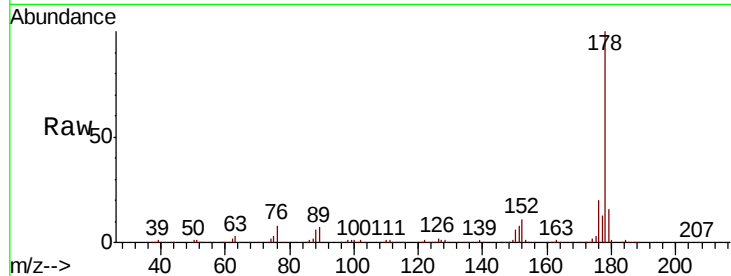
#71
Phenanthrene
Concen: 42.038 ng
RT: 17.56 min Scan# 2464
Delta R.T. -0.01 min
Lab File: BG039913.D
Acq: 13 Mar 2019 22:02

Instrument :
BNA_G
ClientSampled :
SP-1MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.2	24.4
179	16.3	12.6	19.0

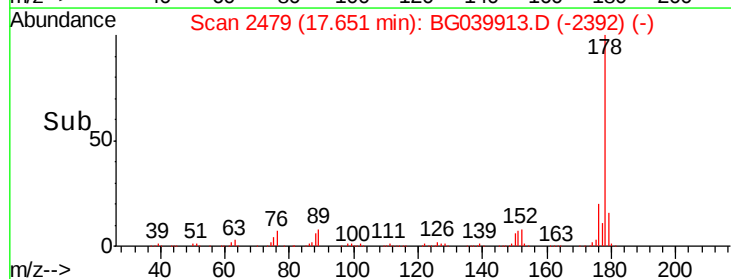
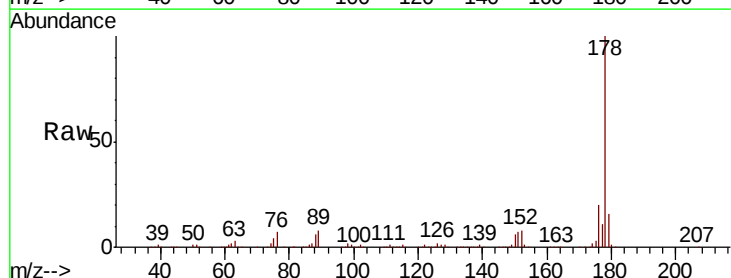
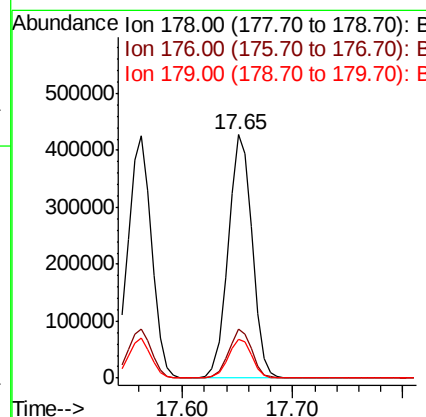
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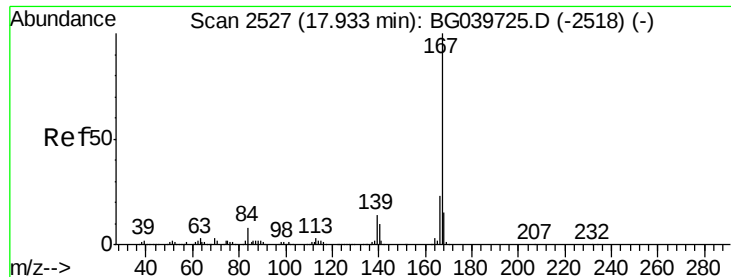
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#72
Anthracene
Concen: 43.738 ng
RT: 17.65 min Scan# 2479
Delta R.T. -0.02 min
Lab File: BG039913.D
Acq: 13 Mar 2019 22:02

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.8	23.6
179	15.9	12.5	18.7





#73

Carbazole

Concen: 43.037 ng

RT: 17.93 min Scan# 2526

Delta R.T. -0.01 min

Lab File: BG039913.D

Acq: 13 Mar 2019 22:02

Instrument :

BNA_G

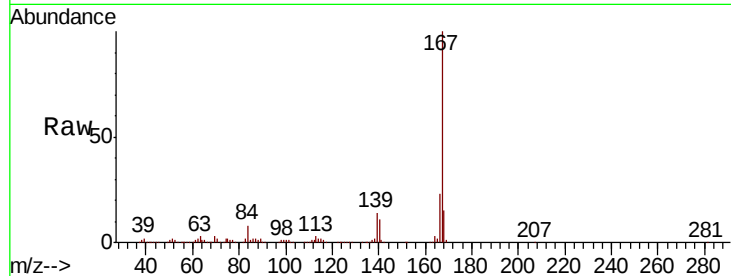
ClientSampleId :

SP-1MSD

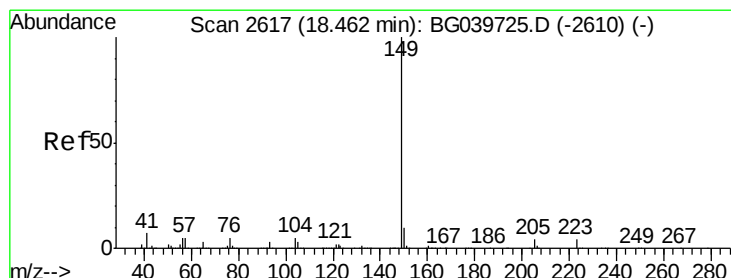
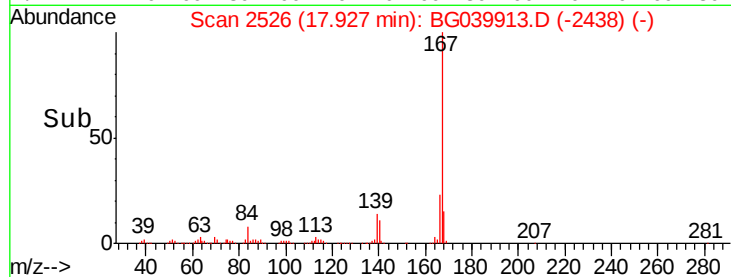
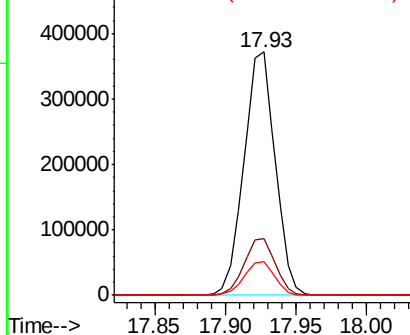
Tot Ion:	167	Resp:	573544
Ion Ratio	Lower	Upper	
167	100		
166	23.2	19.4	29.2
139	13.9	10.8	16.2

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



#74

Di-n-butylphthalate

Concen: 45.659 ng

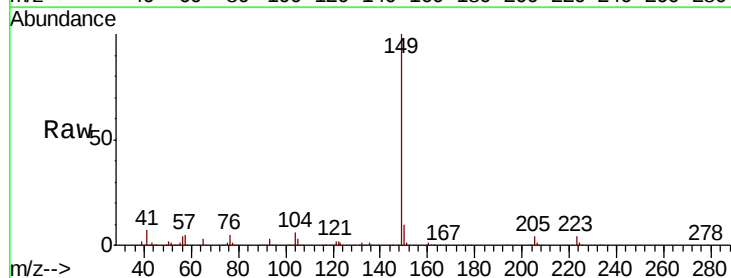
RT: 18.46 min Scan# 2616

Delta R.T. -0.01 min

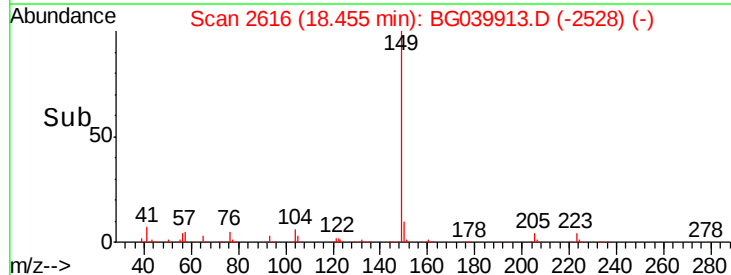
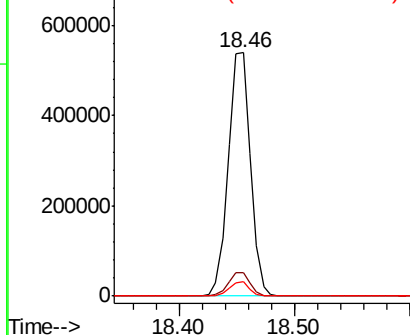
Lab File: BG039913.D

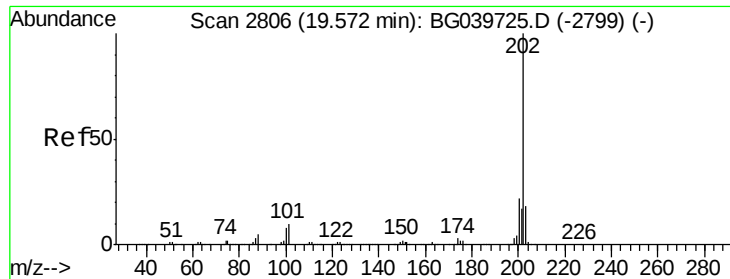
Acq: 13 Mar 2019 22:02

Tgt Ion:	149	Resp:	715935
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.7	11.5
104	5.8	4.5	6.7



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





#75

Fluoranthene

Concen: 44.256 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.02 min

Lab File: BG039913.D

Acq: 13 Mar 2019 22:02

Instrument :

BNA_G

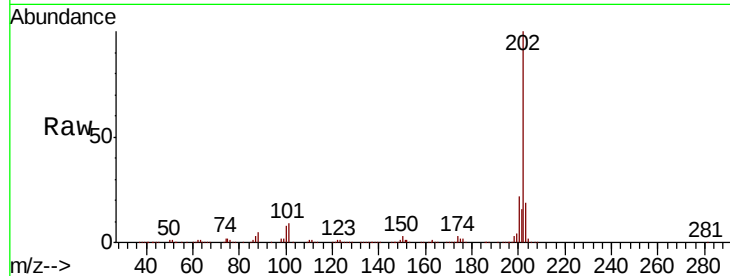
ClientSampled :

SP-1MSD

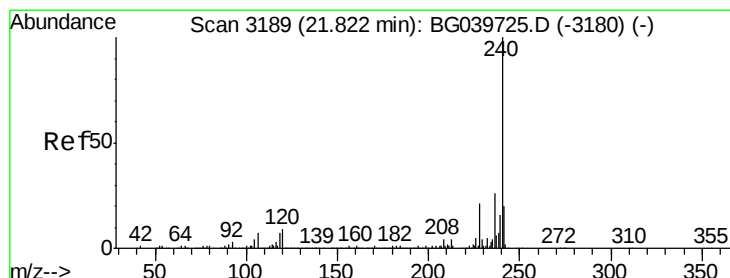
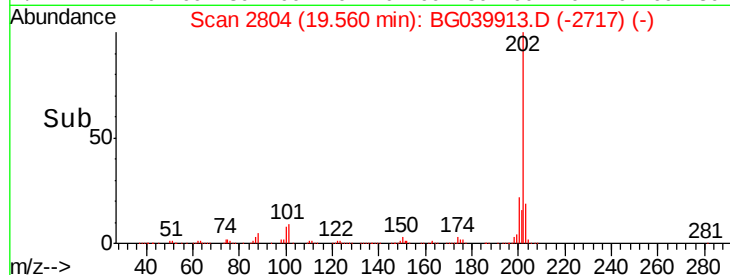
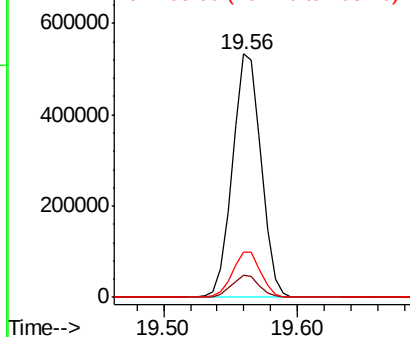
Tot Ion:	202	Resp:	793415
Ion Ratio		Lower	Upper
202	100		
101	9.4	0.0	30.0
203	18.5	0.0	38.9

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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

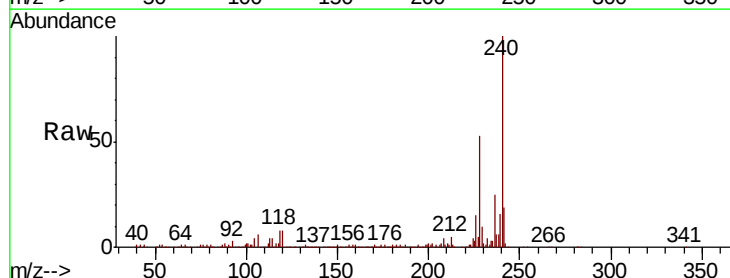
RT: 21.80 min Scan# 3186

Delta R.T. -0.02 min

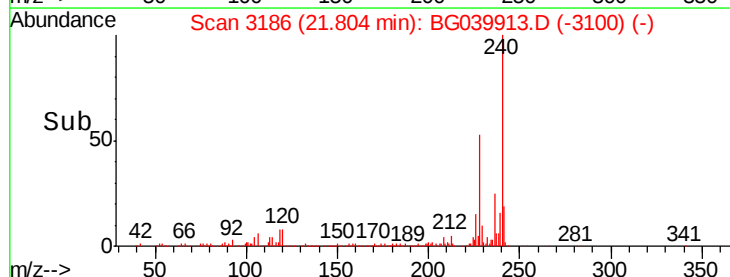
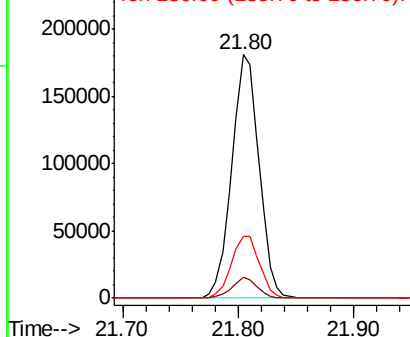
Lab File: BG039913.D

Acq: 13 Mar 2019 22:02

Tgt Ion:	240	Resp:	295266
Ion Ratio		Lower	Upper
240	100		
120	8.5	7.0	10.6
236	25.2	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: 18.475 ng

RT: 19.74 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BG039913.D

Acq: 13 Mar 2019 22:02

Instrument :

BNA_G

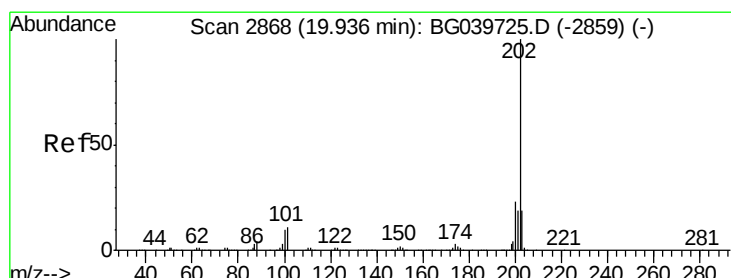
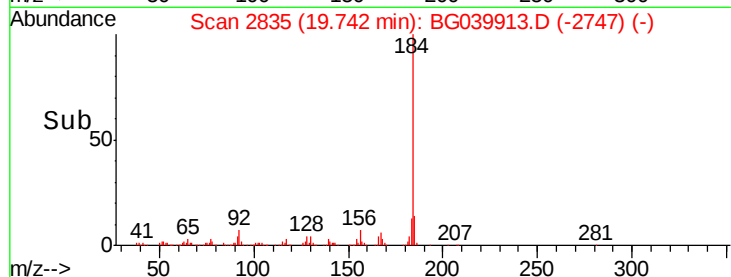
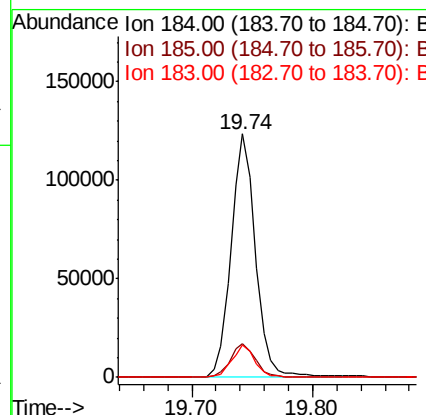
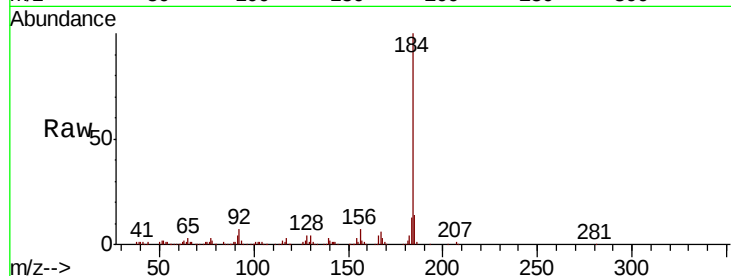
ClientSampleId :

SP-1MSD

Tot Ion:	184	Resp:	173107
Ion Ratio	Lower	Upper	
184	100		
185	13.9	12.2	18.2
183	13.3	10.6	15.8

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#78

Pyrene

Concen: 41.531 ng

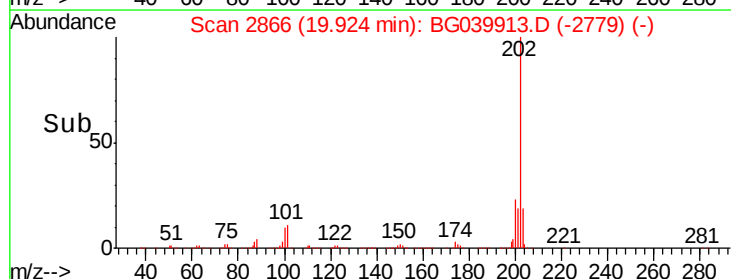
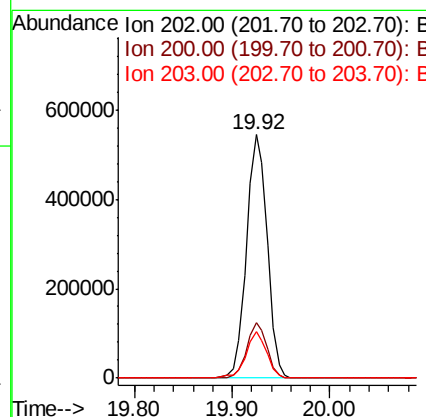
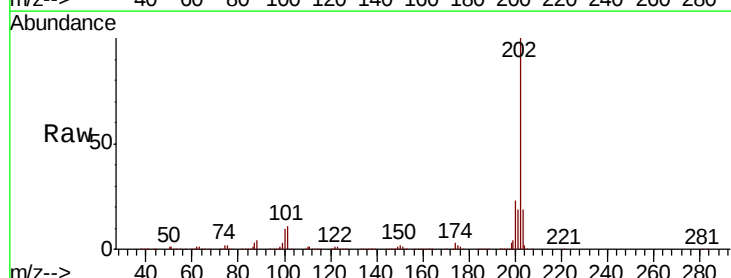
RT: 19.92 min Scan# 2866

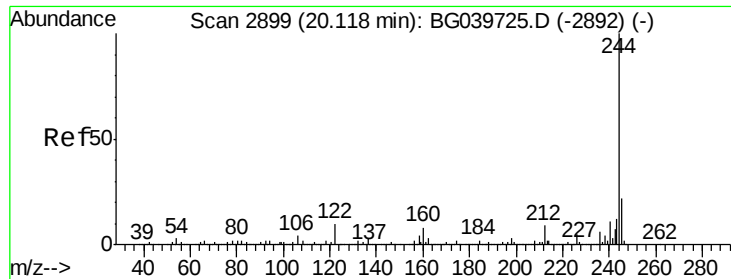
Delta R.T. -0.02 min

Lab File: BG039913.D

Acq: 13 Mar 2019 22:02

Tgt Ion:	202	Resp:	796830
Ion Ratio	Lower	Upper	
202	100		
200	22.9	17.8	26.8
203	18.9	15.3	22.9





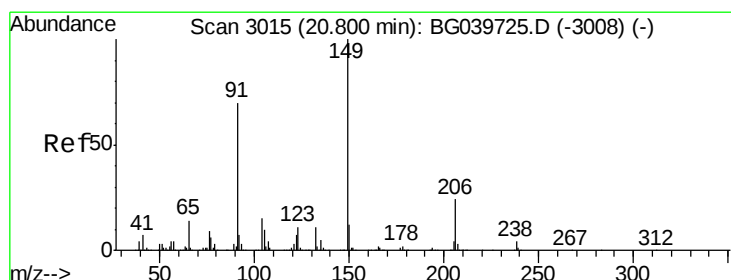
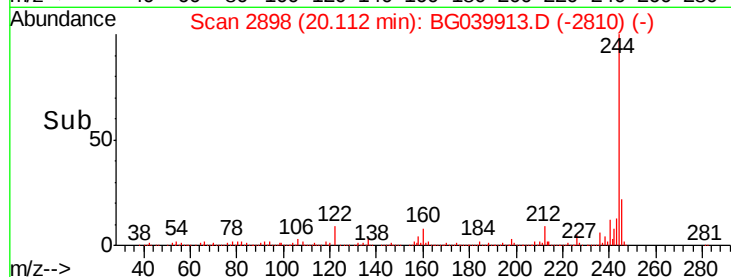
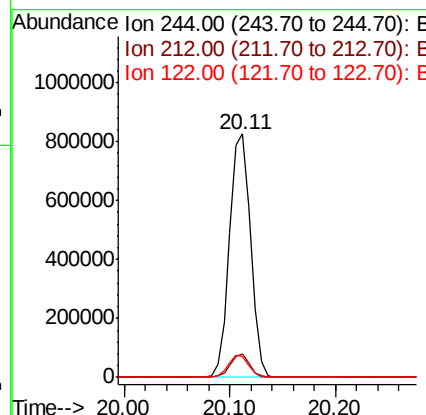
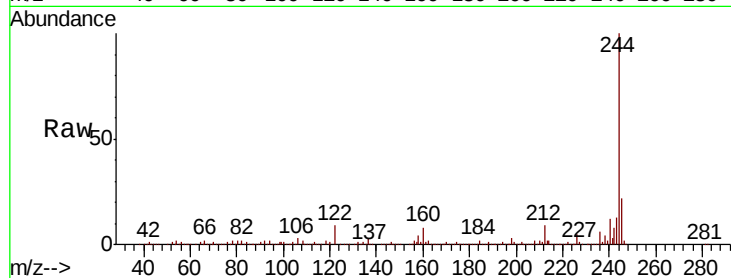
#79
 Terphenyl-d14
 Concen: 84.974 ng
 RT: 20.11 min Scan# 2898
 Delta R.T. -0.01 min
 Lab File: BG039913.D
 Acq: 13 Mar 2019 22:02

Instrument :
 BNA_G
 ClientSampled :
 SP-1MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.3	10.9
122	8.7	8.4	12.6

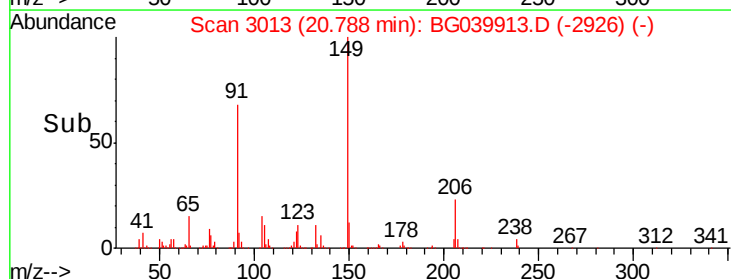
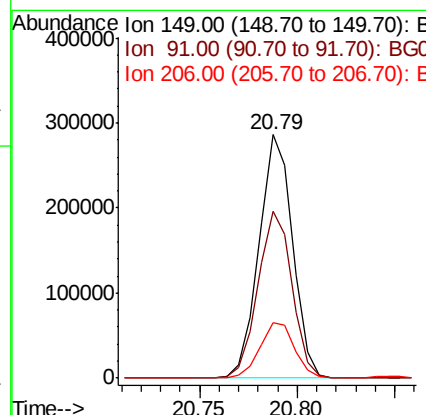
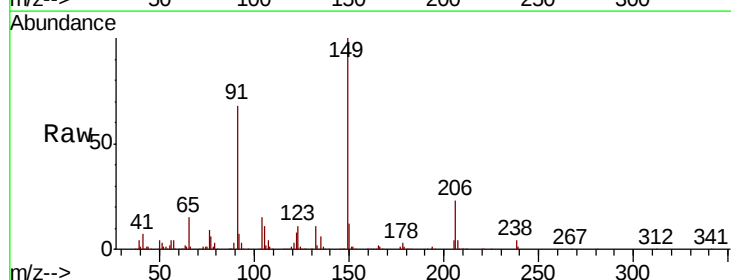
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#80
 Butylbenzylphthalate
 Concen: 45.781 ng
 RT: 20.79 min Scan# 3013
 Delta R.T. -0.02 min
 Lab File: BG039913.D
 Acq: 13 Mar 2019 22:02

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.4	59.5	89.3
206	23.0	18.6	27.8





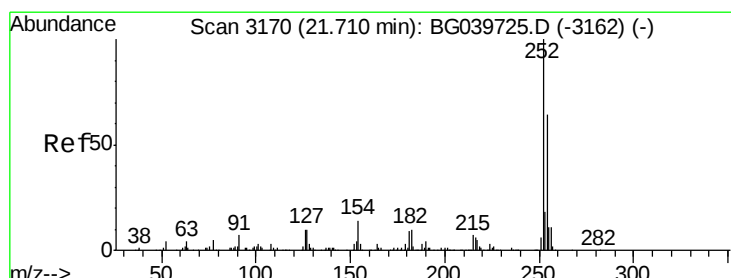
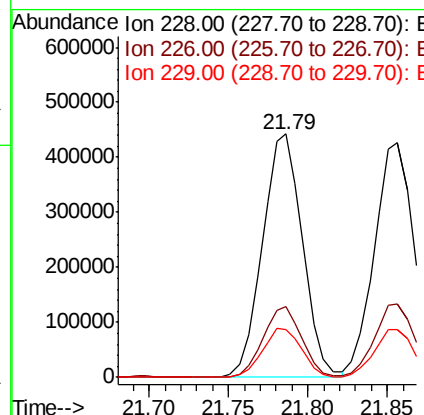
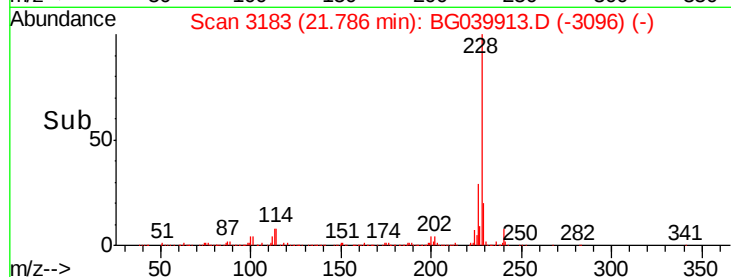
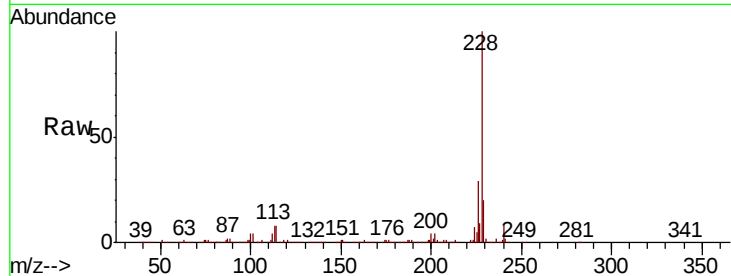
#81
Benzo(a)anthracene
Concen: 41.867 ng
RT: 21.79 min Scan# 3183
Delta R.T. -0.02 min
Lab File: BG039913.D
Acq: 13 Mar 2019 22:02

Instrument :
BNA_G
ClientSampled :
SP-1MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.0	34.6
229	19.8	16.9	25.3

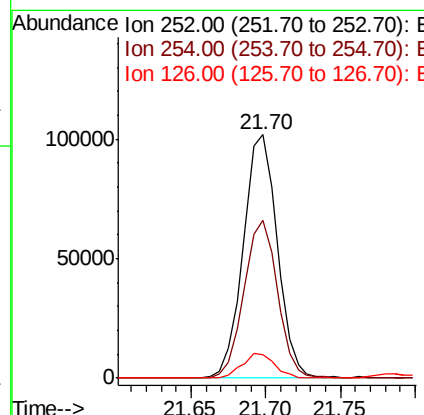
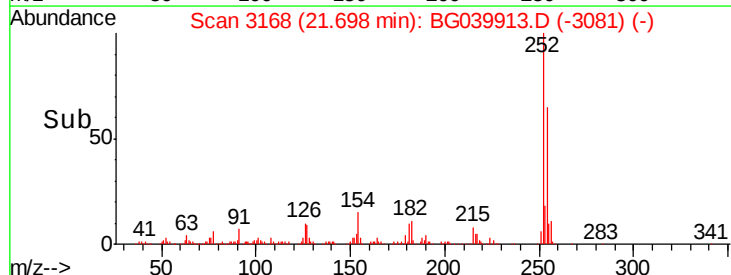
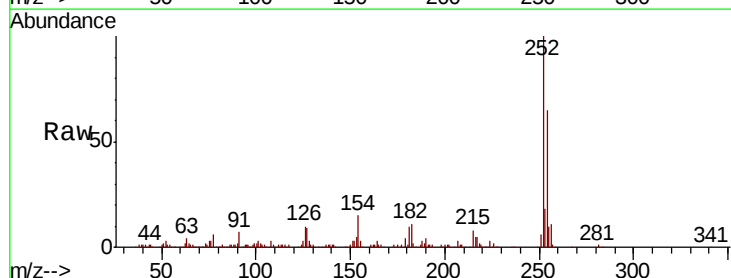
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#82
3,3'-Dichlorobenzidine
Concen: 23.866 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.02 min
Lab File: BG039913.D
Acq: 13 Mar 2019 22:02

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.3	76.9
126	9.7	8.0	12.0





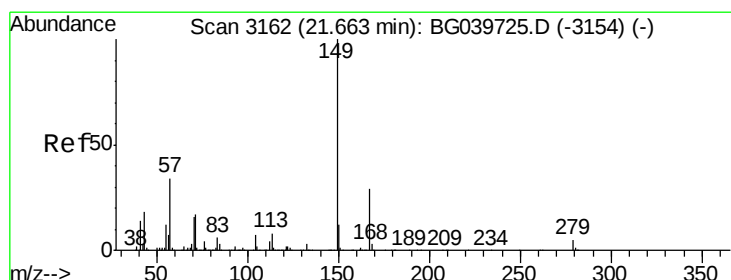
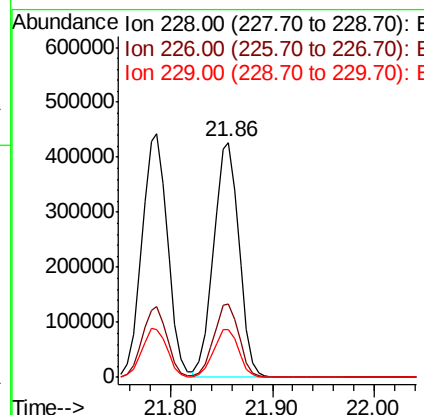
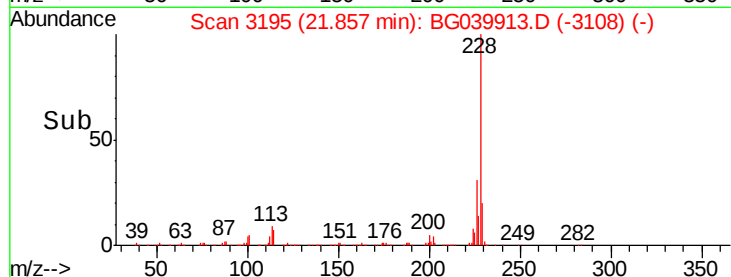
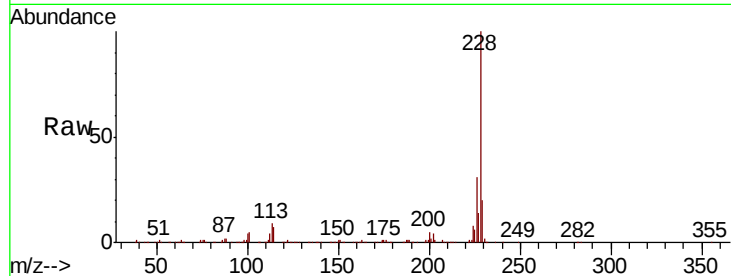
#83
Chrysene
Concen: 41.165 ng
RT: 21.86 min Scan# 3195
Delta R.T. -0.02 min
Lab File: BG039913.D
Acq: 13 Mar 2019 22:02

Instrument :
BNA_G
ClientSampled :
SP-1MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.8	38.6
229	20.4	16.6	25.0

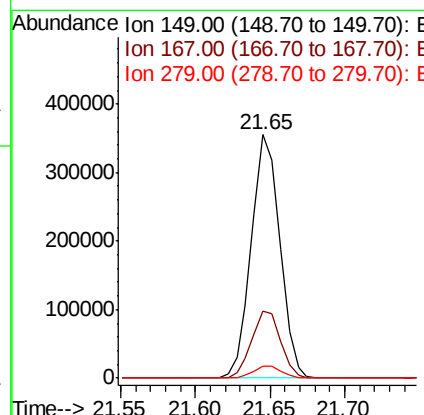
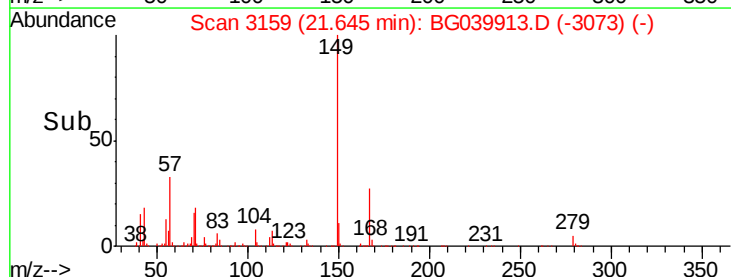
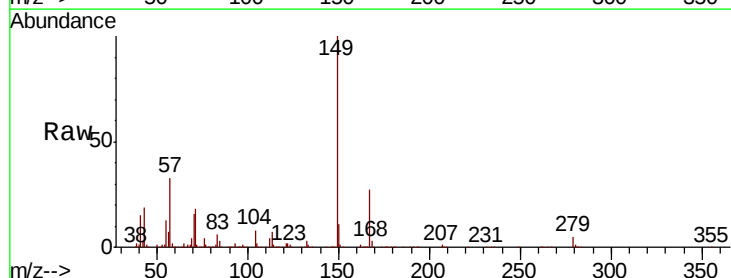
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#84
Bis(2-ethylhexyl)phthalate
Concen: 44.990 ng
RT: 21.65 min Scan# 3159
Delta R.T. -0.02 min
Lab File: BG039913.D
Acq: 13 Mar 2019 22:02

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.6	34.0
279	4.7	3.5	5.3





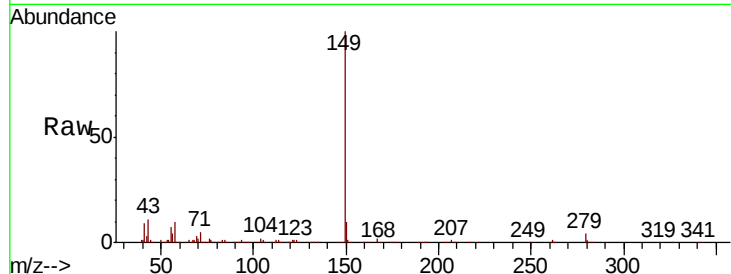
#85
Di-n-octyl phthalate
Concen: 46.464 ng
RT: 22.90 min Scan# 3372
Delta R.T. -0.03 min
Lab File: BG039913.D
Acq: 13 Mar 2019 22:02

Instrument :
BNA_G
ClientSampled :
SP-1MSD

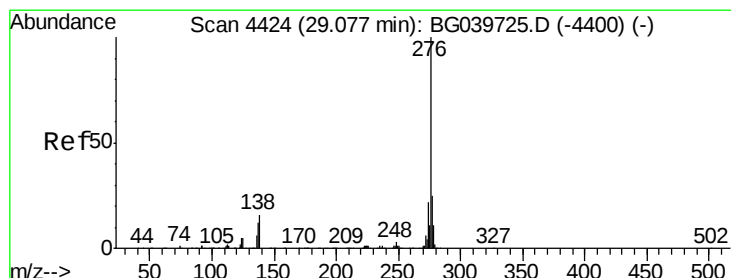
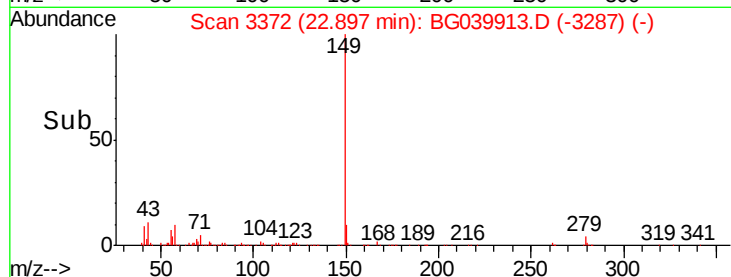
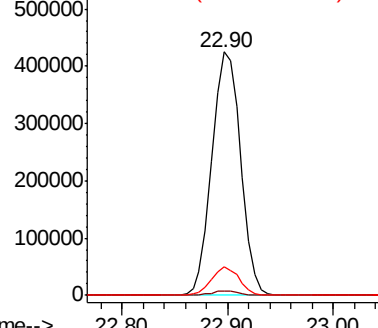
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	10.9	10.2	15.4

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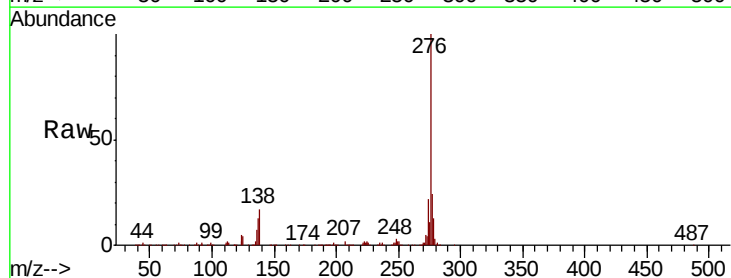


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

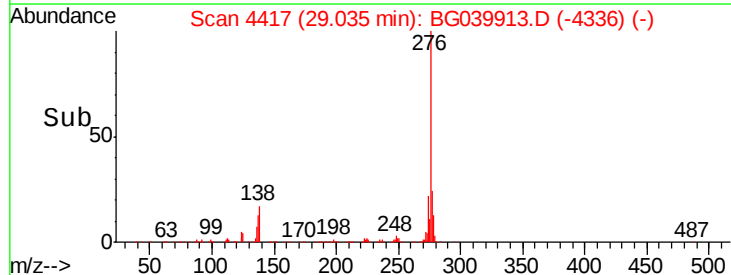
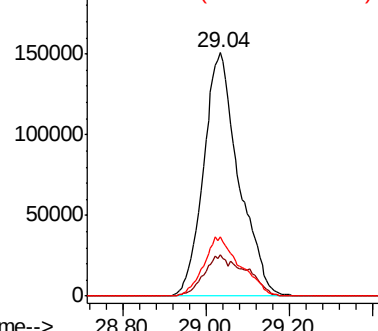


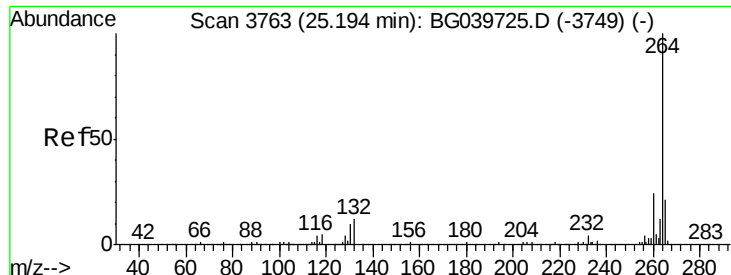
#86
Indeno(1,2,3-cd)pyrene
Concen: 43.279 ng
RT: 29.04 min Scan# 4417
Delta R.T. -0.05 min
Lab File: BG039913.D
Acq: 13 Mar 2019 22:02

Tgt Ion	Ratio	Lower	Upper
276	100		
138	10.9	12.6	19.0#
277	25.5	20.8	31.2



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.16 min Scan# 3758

Delta R.T. -0.04 min

Lab File: BG039913.D

Acq: 13 Mar 2019 22:02

Instrument :

BNA_G

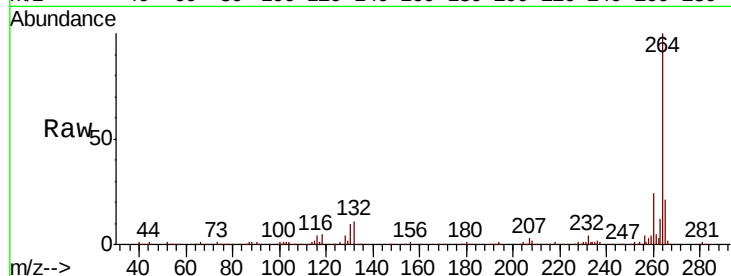
ClientSampleId :

SP-1MSD

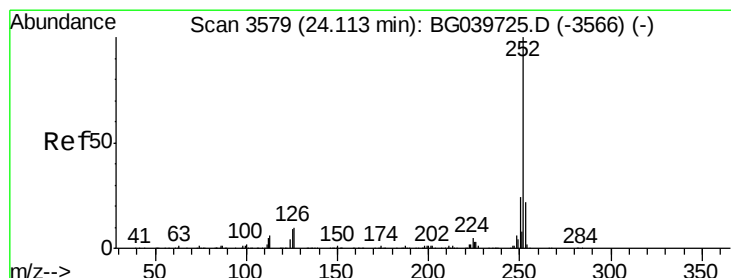
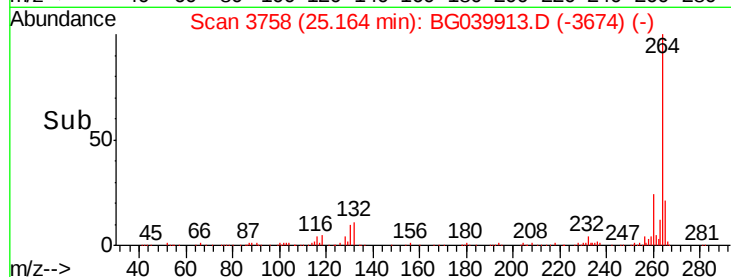
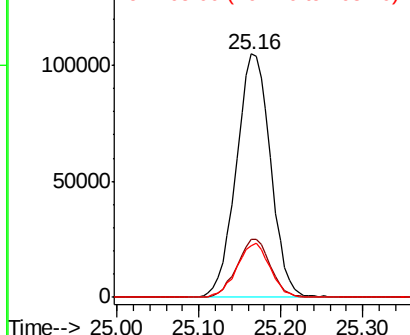
Tot Ion:	264	Resp:	305513
Ion Ratio	Lower	Upper	
264	100		
260	23.9	18.2	27.4
265	21.1	18.5	27.7

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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: 42.489 ng

RT: 24.09 min Scan# 3575

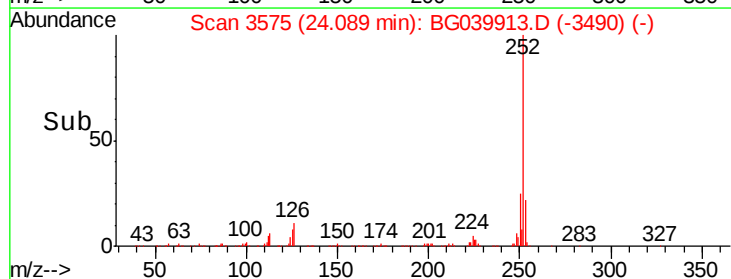
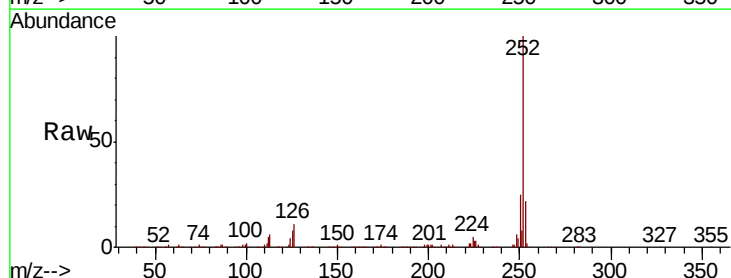
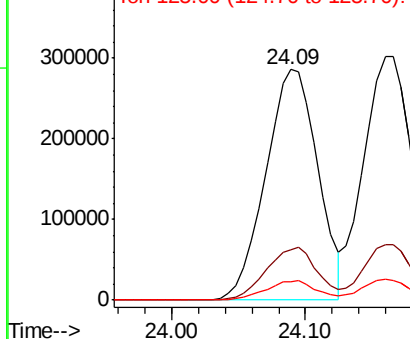
Delta R.T. -0.03 min

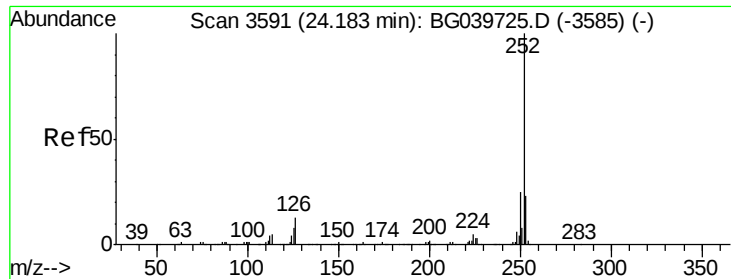
Lab File: BG039913.D

Acq: 13 Mar 2019 22:02

Tgt Ion:	252	Resp:	774073
Ion Ratio	Lower	Upper	
252	100		
253	21.6	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





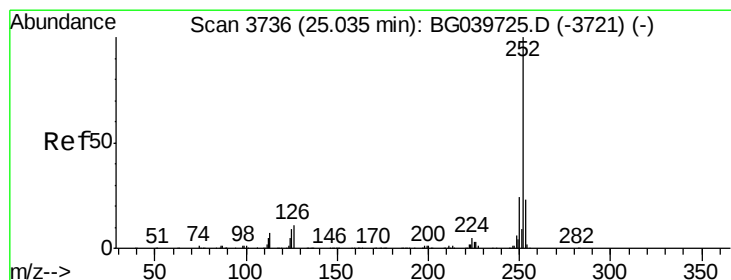
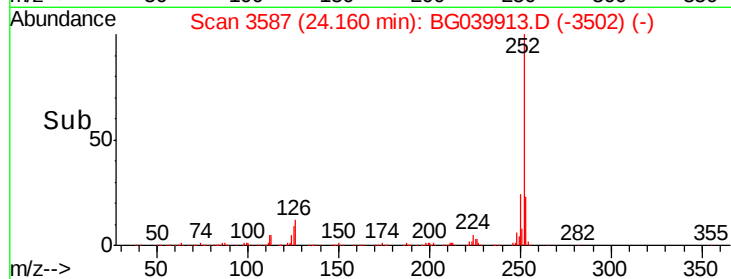
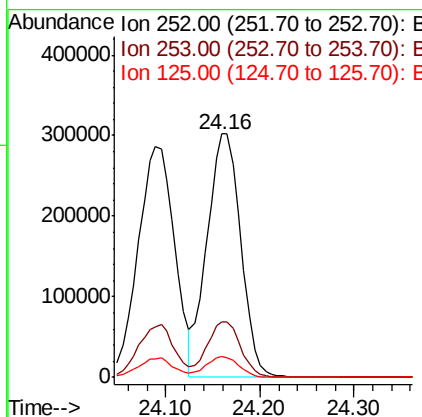
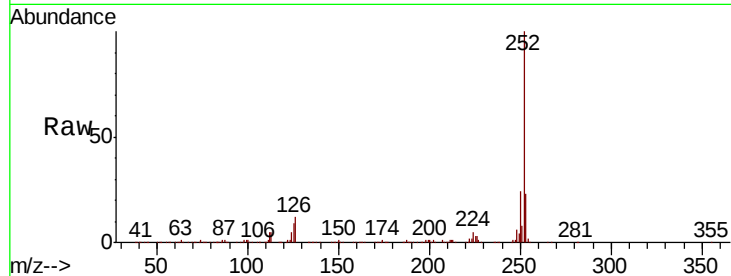
#89
Benzo(k)fluoranthene
Concen: 44.606 ng
RT: 24.16 min Scan# 3587
Delta R.T. -0.03 min
Lab File: BG039913.D
Acq: 13 Mar 2019 22:02

Instrument :
BNA_G
ClientSampleId :
SP-1MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	8.5	7.4	11.2

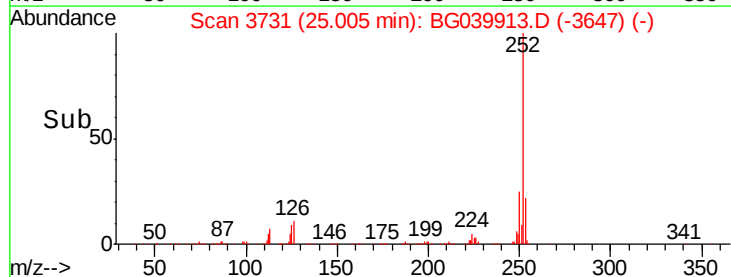
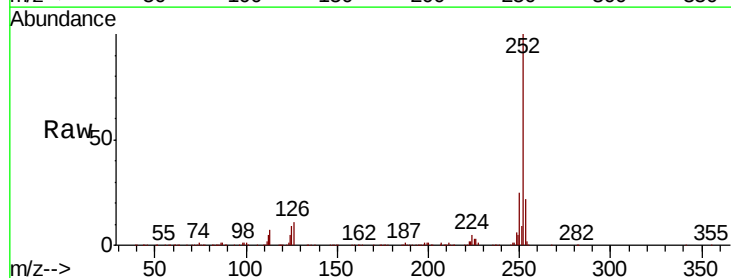
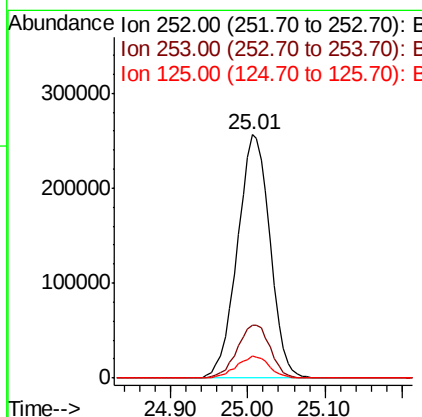
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#90
Benzo(a)pyrene
Concen: 45.075 ng
RT: 25.01 min Scan# 3731
Delta R.T. -0.04 min
Lab File: BG039913.D
Acq: 13 Mar 2019 22:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.9	26.9
125	9.2	8.3	12.5





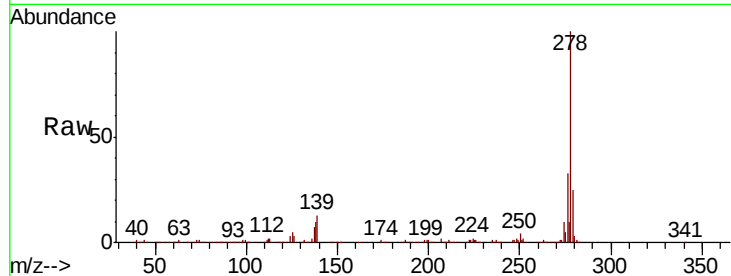
#91
Dibenzo(a,h)anthracene
Concen: 43.002 ng
RT: 29.10 min Scan# 4428
Delta R.T. -0.05 min
Lab File: BG039913.D
Acq: 13 Mar 2019 22:02

Instrument :
BNA_G
ClientSampleId :
SP-1MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.2	11.7	17.5
279	24.8	19.1	28.7

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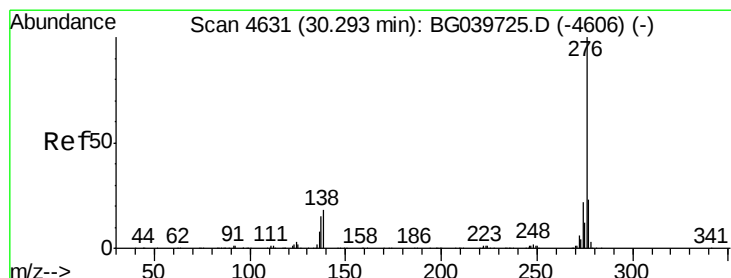
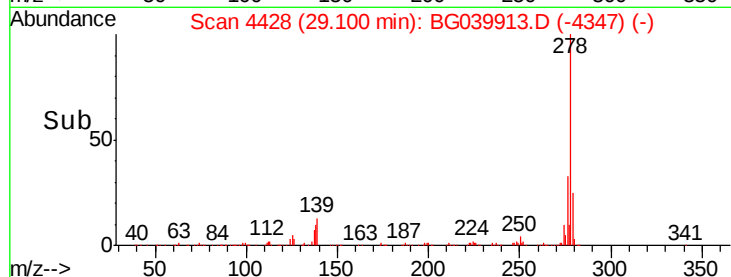
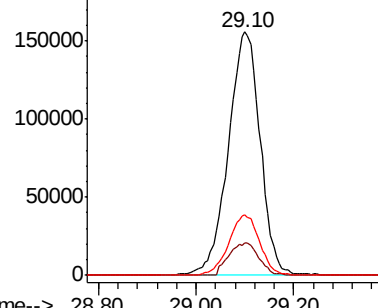


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 43.890 ng
RT: 30.26 min Scan# 4626
Delta R.T. -0.05 min
Lab File: BG039913.D
Acq: 13 Mar 2019 22:02

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.6	29.4
138	15.6	14.7	22.1

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

