

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091619\
 Data File : BG042859.D
 Acq On : 16 Sep 2019 21:45
 Operator : HP/JU
 Sample : K4851-04MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-3C-(9-10)MS

Manual Integrations
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 9/17/2019 1:26:44 PM

Quant Time: Sep 17 04:25:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	107046	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	416793	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	284571	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	655785	20.00	ng	0.00
76) Chrysene-d12	21.76	240	629926	20.00	ng	0.00
87) Perylene-d12	25.03	264	696009	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	580321	94.25	ng	0.00
7) Phenol-d6	7.27	99	887629	100.44	ng	0.00
23) Nitrobenzene-d5	9.28	82	553160	69.10	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	341648	90.24	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	1152940	64.13	ng	0.00
79) Terphenyl-d14	20.08	244	1766044	62.14	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	82896	29.500	ng	98
3) Pyridine	3.98	79	219325	25.923	ng	96
4) n-Nitrosodimethylamine	3.89	42	127515	30.974	ng	# 90
6) Aniline	7.44	93	216218	18.134	ng	99
8) 2-Chlorophenol	7.68	128	250302	37.608	ng	99
9) Benzaldehyde	7.25	77	178678	31.069	ng	94
10) Phenol	7.30	94	376191	41.507	ng	98
11) bis(2-Chloroethyl)ether	7.53	93	240875	34.630	ng	95
12) 1,3-Dichlorobenzene	8.01	146	271251	33.414	ng	98
13) 1,4-Dichlorobenzene	8.15	146	280707	34.539	ng	97
14) 1,2-Dichlorobenzene	8.48	146	258991	33.477	ng	98
15) Benzyl Alcohol	8.35	79	264973	34.937	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.64	45	472851	30.956	ng	96
17) 2-Methylphenol	8.55	107	222741	36.735	ng	97
18) Hexachloroethane	9.21	117	100905	33.629	ng	98
19) n-Nitroso-di-n-propylamine	8.92	70	219449	33.699	ng	90
20) 3+4-Methylphenols	8.88	107	307188	36.752	ng	97
22) Acetophenone	8.94	105	380966	36.192	ng	97
24) Nitrobenzene	9.32	77	313184	37.270	ng	96
25) Isophorone	9.84	82	583364	34.959	ng	100
26) 2-Nitrophenol	10.03	139	137225	41.529	ng	97
27) 2,4-Dimethylphenol	10.09	122	236251	40.419	ng	94
28) bis(2-Chloroethoxy)methane	10.32	93	330228	35.486	ng	98
29) 2,4-Dichlorophenol	10.57	162	260921	38.414	ng	97
30) 1,2,4-Trichlorobenzene	10.79	180	291532	35.155	ng	95
31) Naphthalene	10.97	128	755695	36.723	ng	99
32) Benzoic acid	10.21	122	171480	37.729	ng	99
33) 4-Chloroaniline	11.07	127	141509	14.712	ng	97
34) Hexachlorobutadiene	11.27	225	196057	33.743	ng	95
35) Caprolactam	11.84	113	95961m	37.992	ng	
36) 4-Chloro-3-methylphenol	12.18	107	290304	39.363	ng	95
37) 2-Methylnaphthalene	12.57	142	571715	37.088	ng	96
38) 1-Methylnaphthalene	12.79	142	535518	37.040	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	348351	37.045	ng	98

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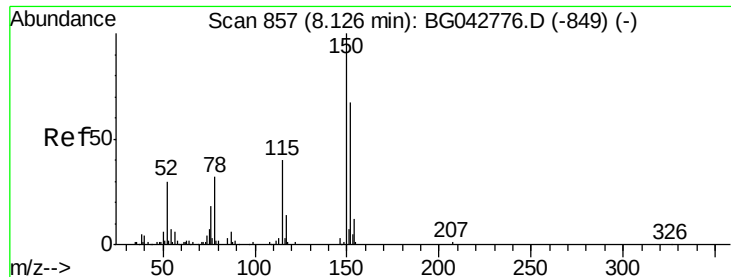
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Quant Time: Sep 17 04:25:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	313622	58.218	nq	99
43) 2,4,6-Trichlorophenol	13.17	196	245880	39.275	nq	94
44) 2,4,5-Trichlorophenol	13.24	196	259426	40.456	nq	96
46) 1,1'-Biphenyl	13.57	154	757944	38.046	nq	99
47) 2-Chloronaphthalene	13.62	162	596567	36.200	nq	98
48) 2-Nitroaniline	13.81	65	216461	37.864	nq	96
49) Acenaphthylene	14.46	152	954284	37.893	nq	99
50) Dimethylphthalate	14.19	163	887593	41.636	nq	100
51) 2,6-Dinitrotoluene	14.30	165	171540	39.216	nq	95
52) Acenaphthene	14.80	154	629482	38.260	nq	99
53) 3-Nitroaniline	14.62	138	116011	23.631	nq	99
54) 2,4-Dinitrophenol	14.83	184	119126	55.321	nq	# 78
55) Dibenzofuran	15.13	168	910340	37.225	nq	99
56) 4-Nitrophenol	14.93	139	301335	79.386	nq	96
57) 2,4-Dinitrotoluene	15.08	165	236640	40.587	nq	# 97
58) Fluorene	15.78	166	747856	36.900	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.36	232	246535	39.660	nq	99
60) Diethylphthalate	15.55	149	744409	34.401	nq	97
61) 4-Chlorophenyl-phenylether	15.77	204	426382	35.581	nq	97
62) 4-Nitroaniline	15.79	138	180354	34.082	nq	94
63) Azobenzene	16.06	77	755919	36.276	nq	98
65) 4,6-Dinitro-2-methylphenol	15.85	198	103425	36.859	nq	97
66) n-Nitrosodiphenylamine	15.99	169	673831	38.185	nq	99
67) 4-Bromophenyl-phenylether	16.67	248	289634	36.490	nq	97
68) Hexachlorobenzene	16.79	284	299950	35.366	nq	98
69) Atrazine	16.93	200	258231	42.022	nq	99
70) Pentachlorophenol	17.13	266	397884	79.080	nq	96
71) Phenanthrene	17.52	178	1169002	37.274	nq	99
72) Anthracene	17.61	178	1182366	37.736	nq	99
73) Carbazole	17.87	167	1109576	37.259	nq	98
74) Di-n-butylphthalate	18.44	149	1268137	35.548	nq	99
75) Fluoranthene	19.52	202	1479944	36.410	nq	98
77) Benzdine	19.69	184	547855	31.129	nq	99
78) Pyrene	19.89	202	1482580	37.593	nq	99
80) Butylbenzylphthalate	20.77	149	588781	36.889	nq	98
81) Benzo(a)anthracene	21.74	228	1453781	36.298	nq	96
82) 3,3'-Dichlorobenzidine	21.65	252	388857	24.983	nq	99
83) Chrysene	21.81	228	1394765	36.764	nq	98
84) Bis(2-ethylhexyl)phthalate	21.66	149	808978	37.095	nq	# 99
85) Di-n-octyl phthalate	22.89	149	1393708	37.488	nq	98
86) Indeno(1,2,3-cd)pyrene	28.78	276	1753641	37.326	nq	# 93
88) Benzo(b)fluoranthene	23.99	252	1529250	37.419	nq	100
89) Benzo(k)fluoranthene	24.07	252	1445625	37.447	nq	99
90) Benzo(a)pyrene	24.88	252	1478184	38.628	nq	98
91) Dibenzo(a,h)anthracene	28.84	278	1456357	38.694	nq	100
92) Benzo(g,h,i)perylene	29.94	276	1431822	39.002	nq	98

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



#1

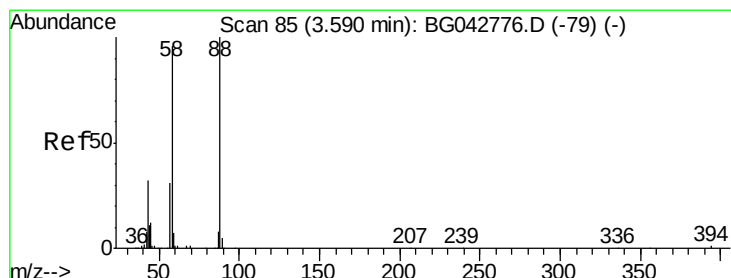
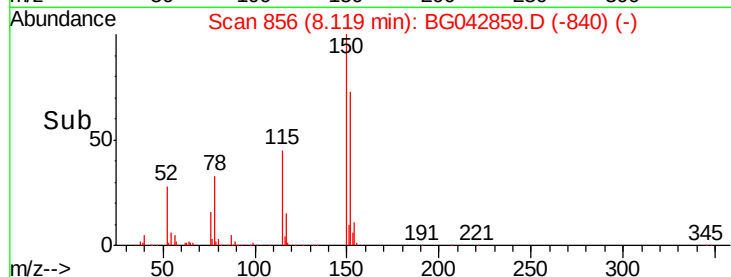
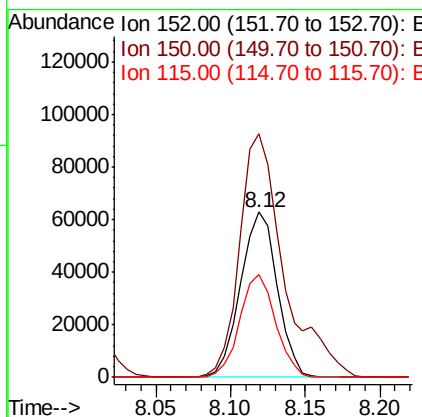
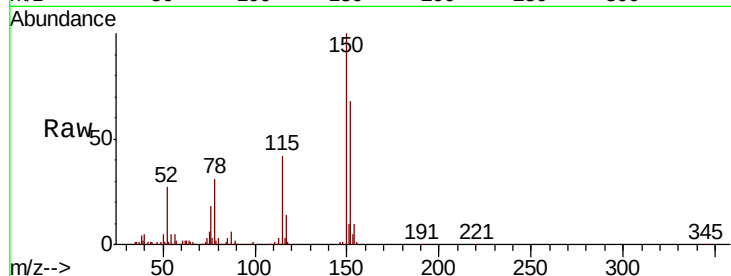
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG042859.D
Acq: 16 Sep 2019 21:45

Instrument :
BNA_G
ClientSampleId :
SB-3C-(9-10)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.5	118.9	178.3
115	62.0	47.4	71.2

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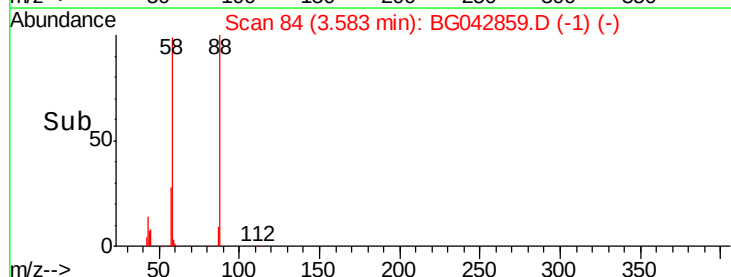
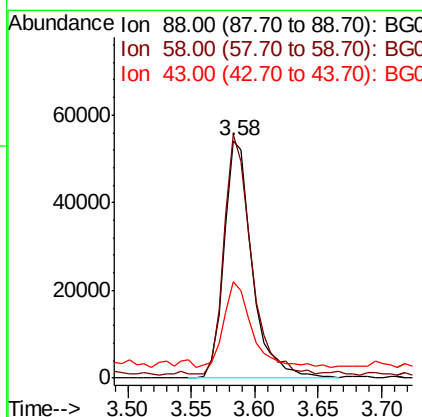
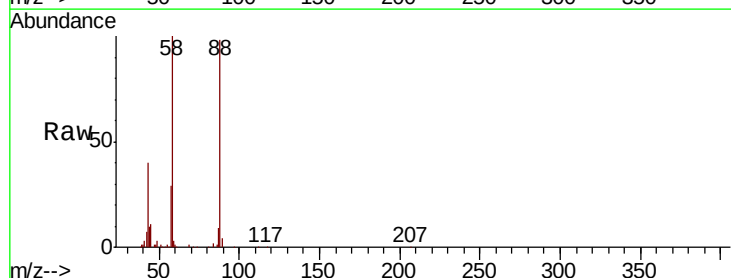
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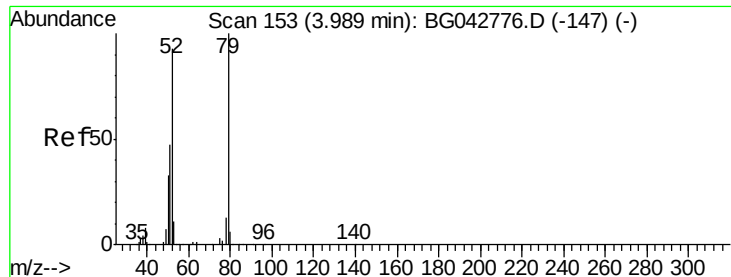


#2

1,4-Dioxane
Concen: 29.500 ng
RT: 3.58 min Scan# 84
Delta R.T. -0.01 min
Lab File: BG042859.D
Acq: 16 Sep 2019 21:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	96.7	79.1	118.7
43	36.7	30.4	45.6





#3

Pvridine

Concen: 25.923 ng

RT: 3.98 min Scan# 152

Delta R.T. -0.01 min

Lab File: BG042859.D

Acq: 16 Sep 2019 21:45

Instrument :

BNA_G

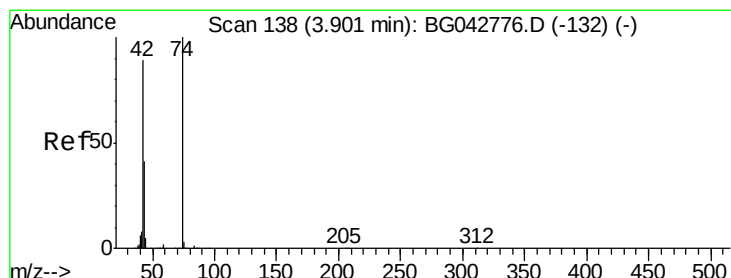
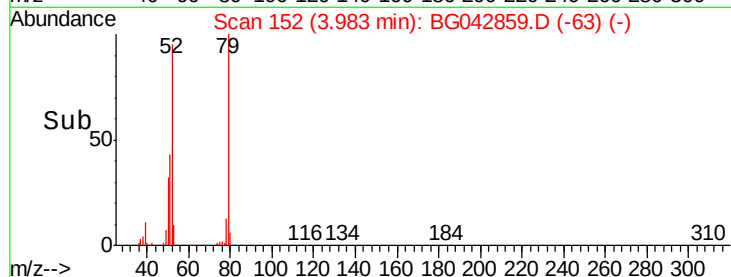
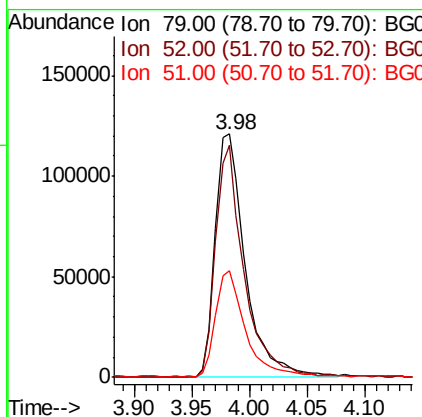
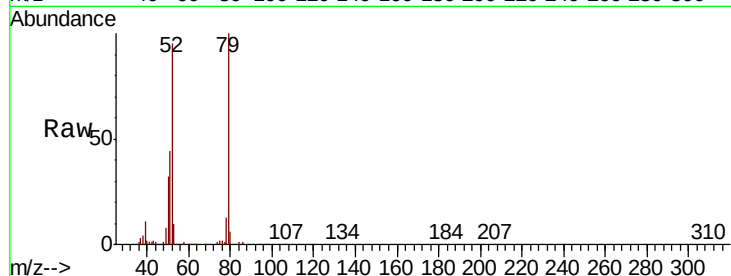
ClientSampleId :

SB-3C-(9-10)MS

Tot Ion:	79	Resp:	219325
Ion	Ratio	Lower	Upper
79	100		
52	95.4	74.0	111.0
51	43.6	37.5	56.3

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 30.974 ng

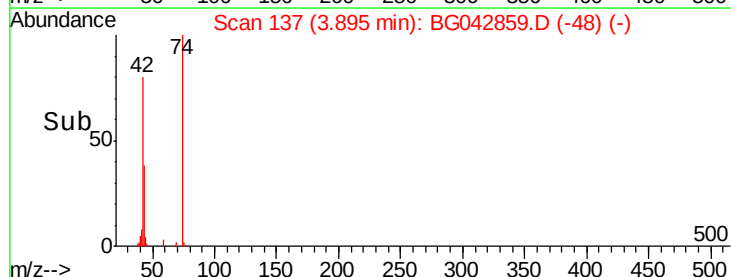
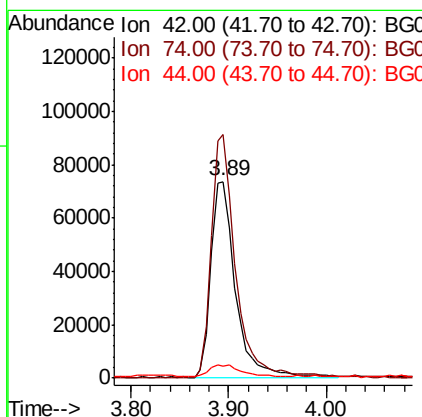
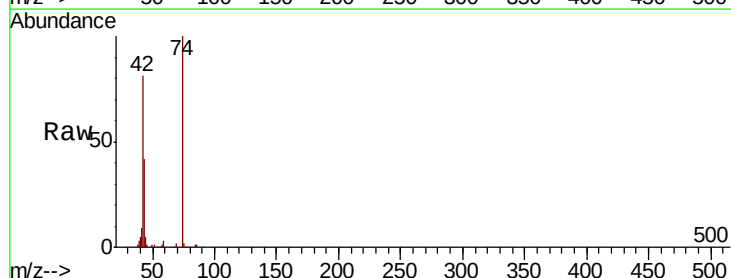
RT: 3.89 min Scan# 137

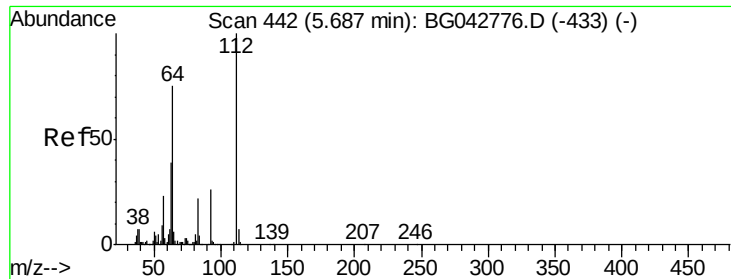
Delta R.T. -0.01 min

Lab File: BG042859.D

Acq: 16 Sep 2019 21:45

Tgt Ion:	42	Resp:	127515
Ion	Ratio	Lower	Upper
42	100		
74	123.8	90.2	135.2
44	5.8	6.6	9.8#





#5

2-Fluorophenol

Concen: 94.251 ng

RT: 5.69 min Scan# 442

Delta R.T. -0.00 min

Lab File: BG042859.D

Acq: 16 Sep 2019 21:45

Instrument :

BNA_G

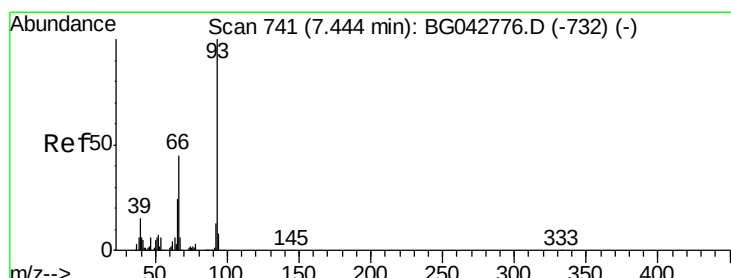
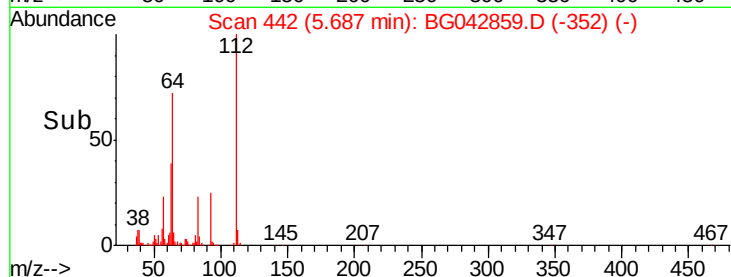
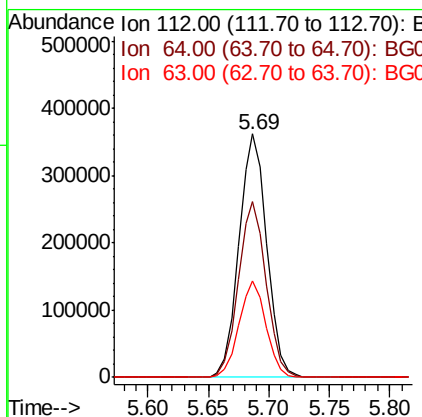
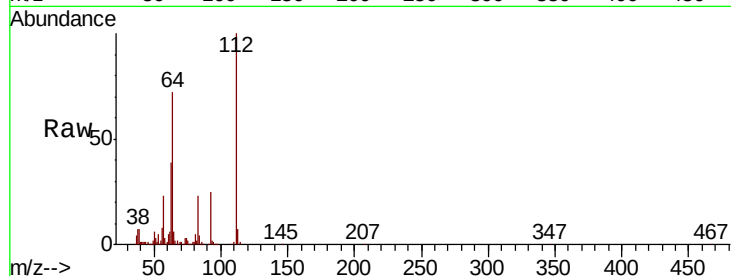
ClientSampleId :

SB-3C-(9-10)MS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	580321		
64	72.3		60.2	90.2
63	39.4		31.2	46.8

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#6

Aniline

Concen: 18.134 ng

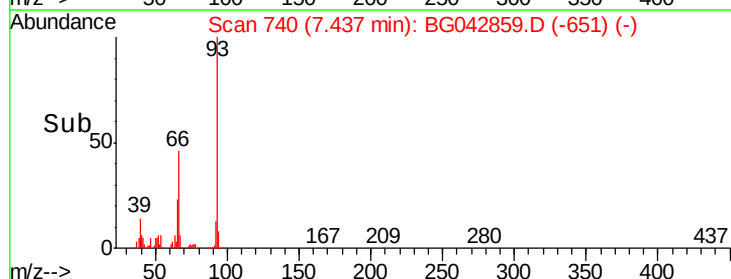
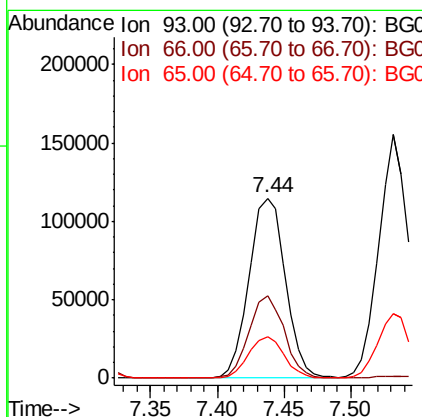
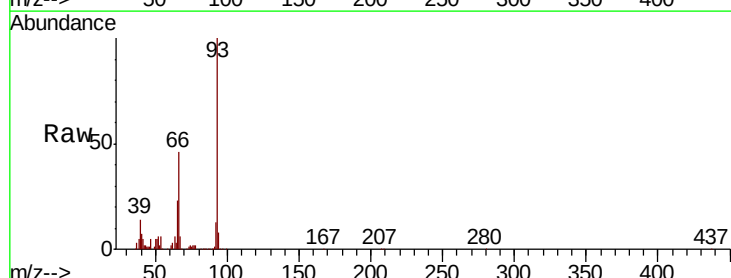
RT: 7.44 min Scan# 740

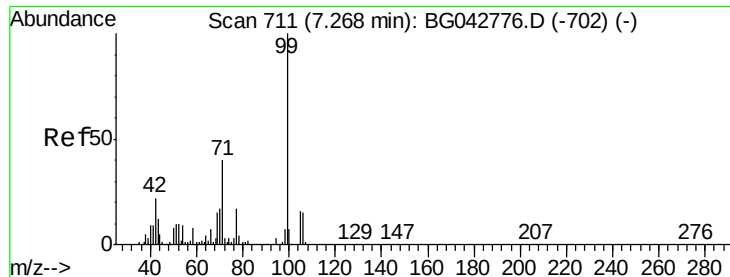
Delta R.T. -0.01 min

Lab File: BG042859.D

Acq: 16 Sep 2019 21:45

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	216218		
66	45.7		36.3	54.5
65	23.3		19.3	28.9





#7

Phenol-d6

Concen: 100.437 ng

RT: 7.27 min Scan# 712

Delta R.T. 0.01 min

Lab File: BG042859.D

Acq: 16 Sep 2019 21:45

Instrument :

BNA_G

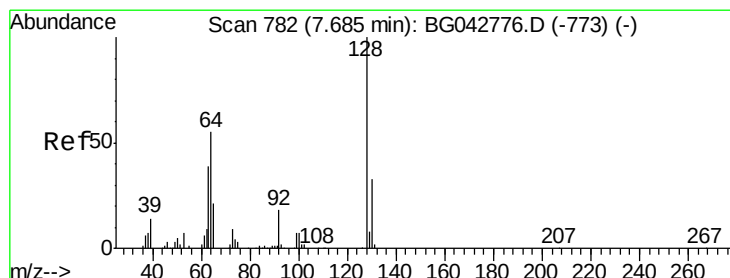
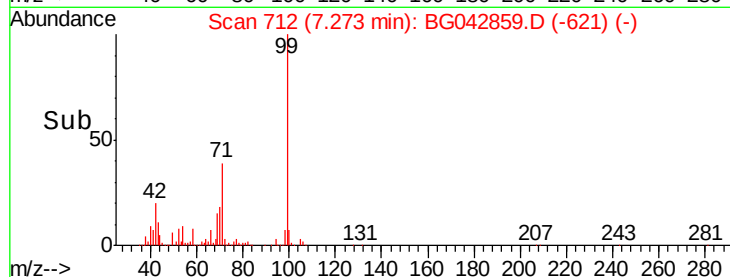
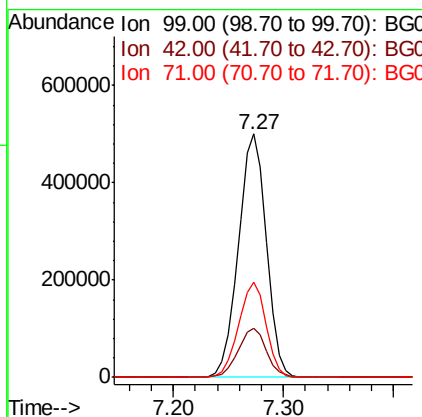
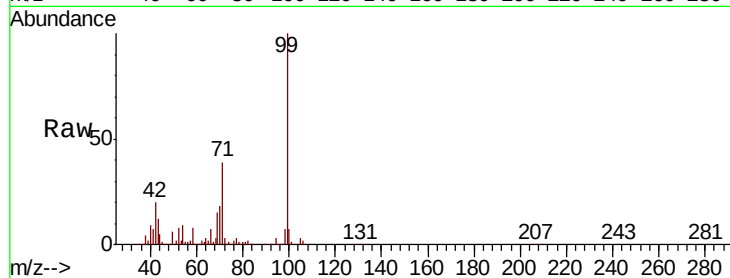
ClientSampleId :

SB-3C-(9-10)MS

Tot Ion:	99	Resp:	887629
Ion	Ratio	Lower	Upper
99	100		
42	20.0	17.5	26.3
71	39.0	32.0	48.0

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#8

2-Chlorophenol

Concen: 37.608 ng

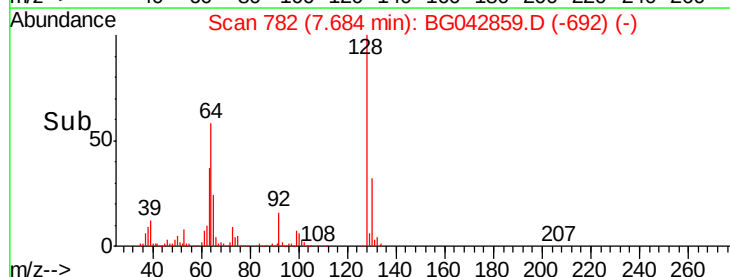
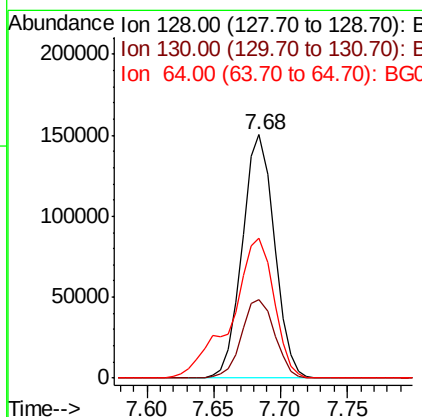
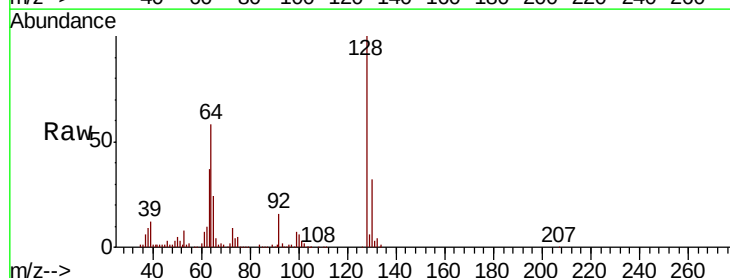
RT: 7.68 min Scan# 782

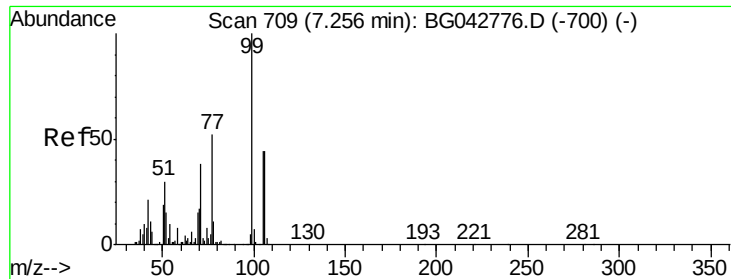
Delta R.T. -0.00 min

Lab File: BG042859.D

Acq: 16 Sep 2019 21:45

Tgt Ion:	128	Resp:	250302
Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.8	52.8
64	57.7	36.8	76.8





#9

Benzaldehyde

Concen: 31.069 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.01 min

Lab File: BG042859.D

Acq: 16 Sep 2019 21:45

Instrument :

BNA_G

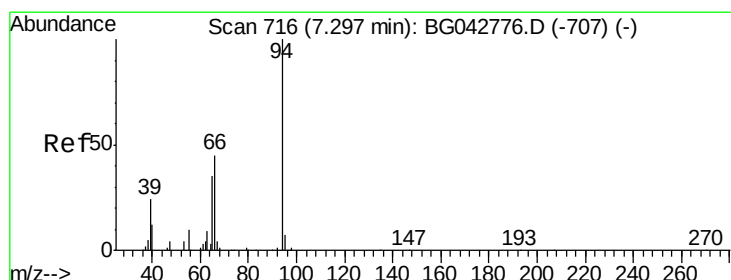
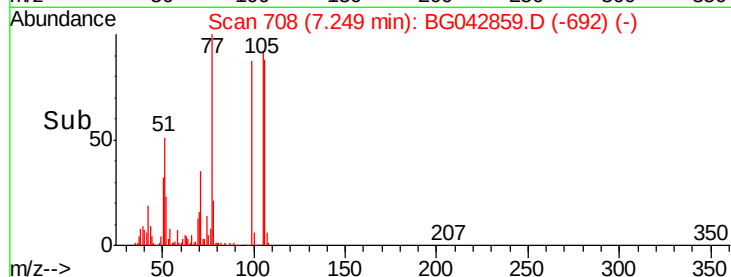
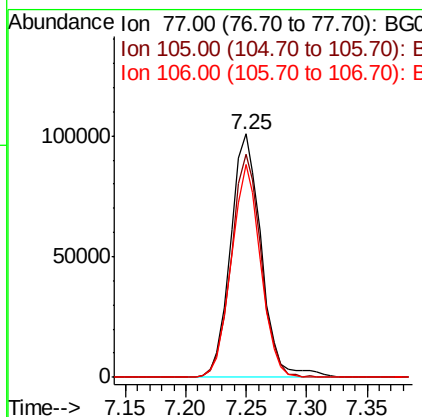
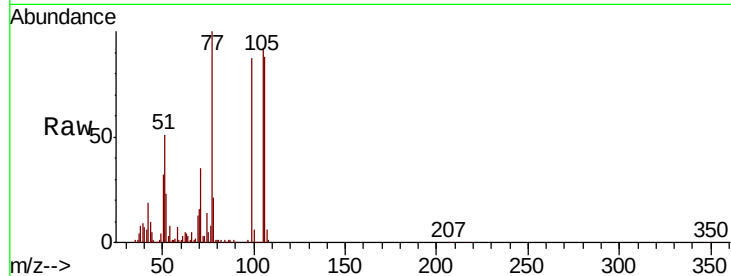
ClientSampleId :

SB-3C-(9-10)MS

Tot Ion:	77	Resp:	178678
Ion	Ratio	Lower	Upper
77	100		
105	91.6	64.5	104.5
106	87.6	63.4	103.4

Manual Integrations
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#10

Phenol

Concen: 41.507 ng

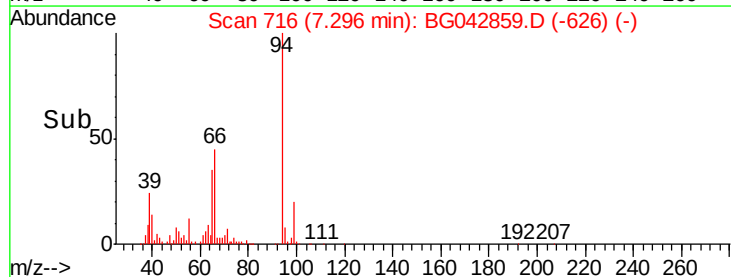
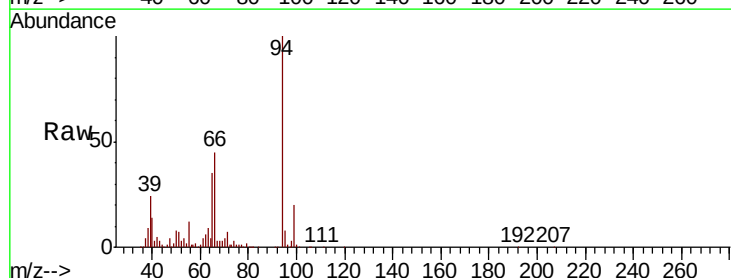
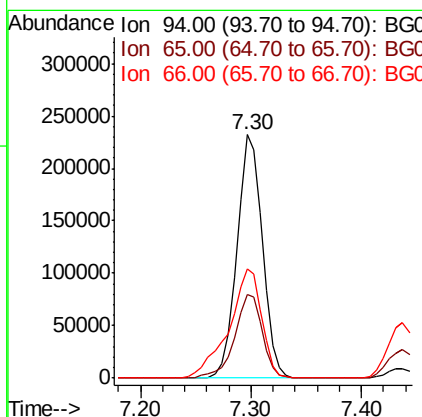
RT: 7.30 min Scan# 716

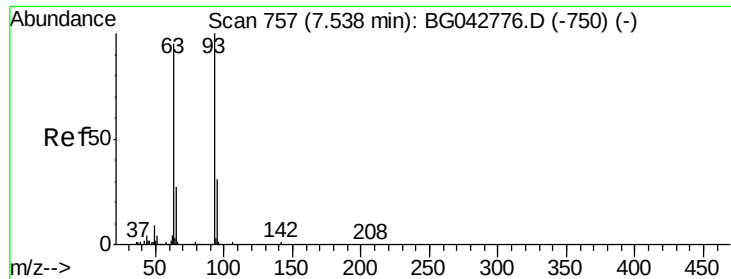
Delta R.T. -0.00 min

Lab File: BG042859.D

Acq: 16 Sep 2019 21:45

Tgt Ion:	94	Resp:	376191
Ion	Ratio	Lower	Upper
94	100		
65	34.5	15.0	55.0
66	44.6	26.1	66.1





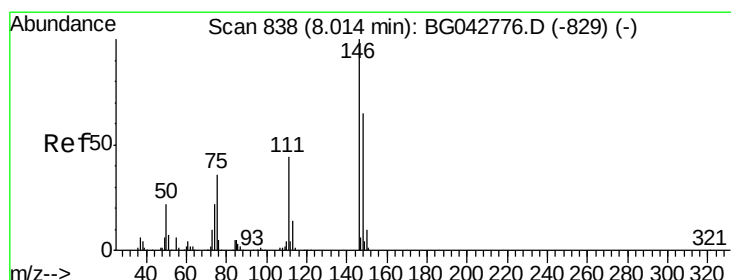
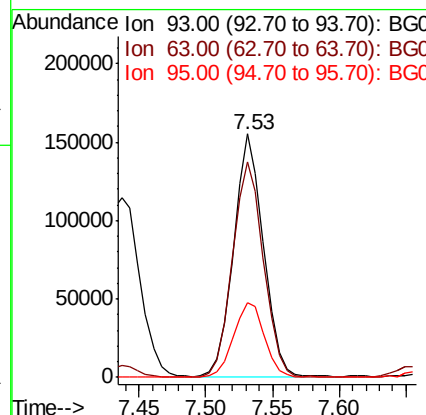
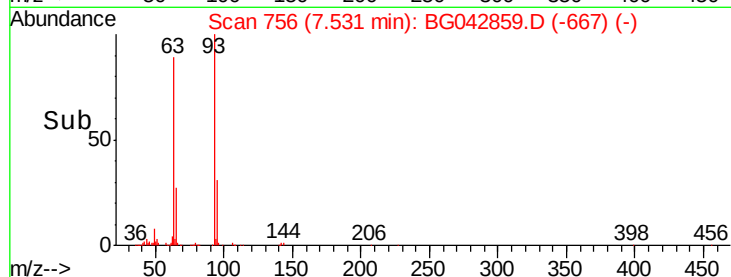
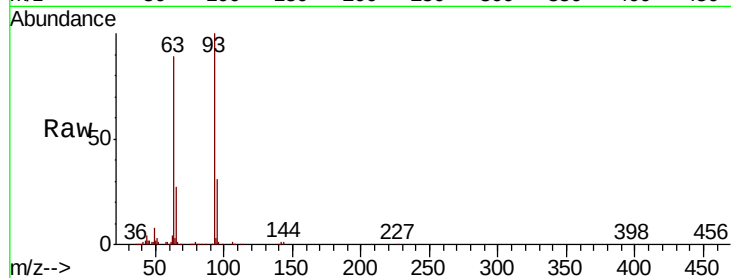
#11
bis(2-Chloroethyl)ether
Concen: 34.630 ng
RT: 7.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BG042859.D
Acq: 16 Sep 2019 21:45

Instrument :
BNA_G
ClientSampleId :
SB-3C-(9-10)MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	88.7	74.7	114.7
95	30.9	11.1	51.1

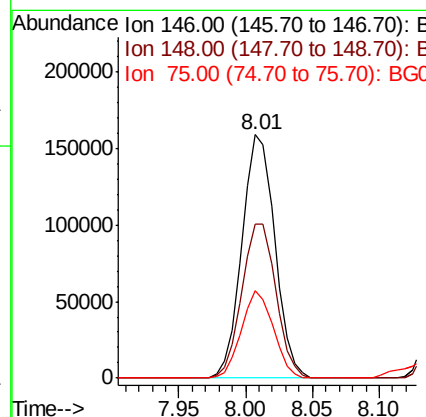
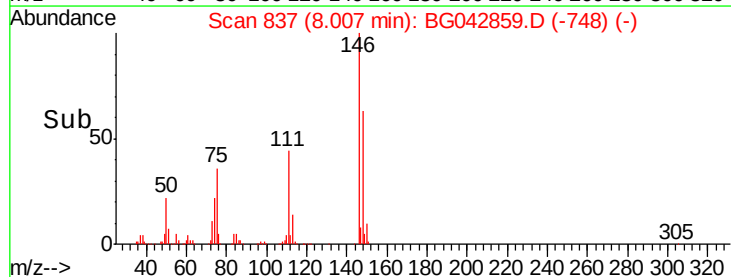
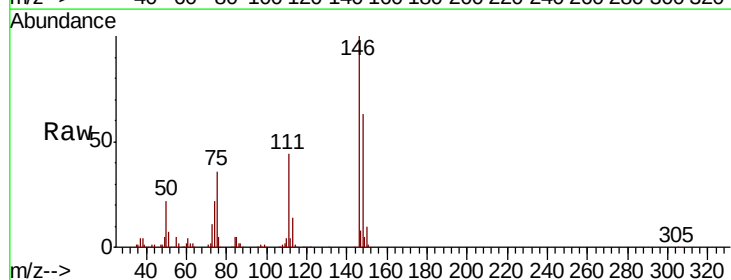
Manual Integrations
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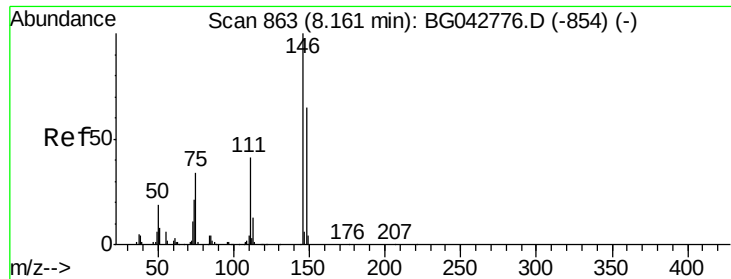
mohammad
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#12
1,3-Dichlorobenzene
Concen: 33.414 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG042859.D
Acq: 16 Sep 2019 21:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.9	77.9
75	36.1	28.4	42.6





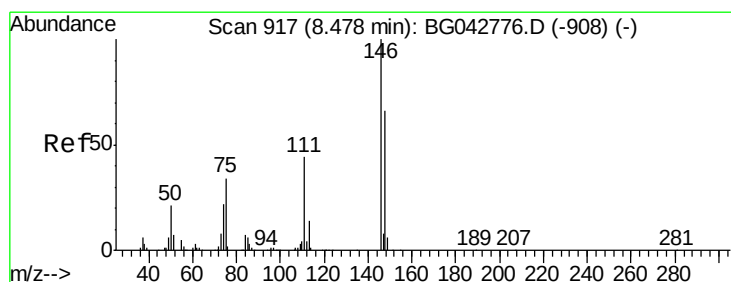
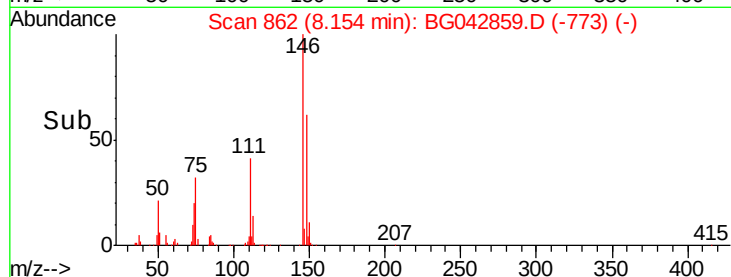
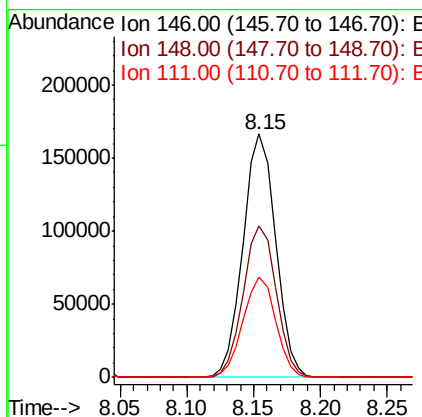
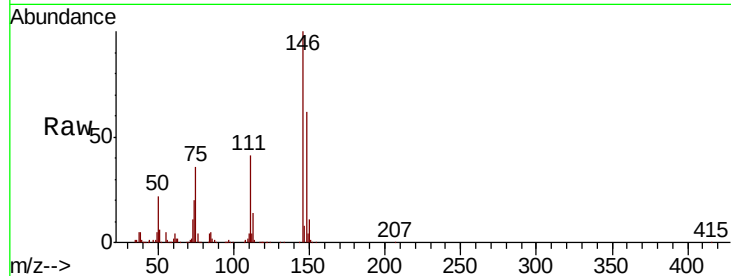
#13
 1,4-Dichlorobenzene
 Concen: 34.539 ng
 RT: 8.15 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: BG042859.D
 Acq: 16 Sep 2019 21:45

Instrument :
 BNA_G
 ClientSampleId :
 SB-3C-(9-10)MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.0	52.2	78.4
111	40.9	32.6	49.0

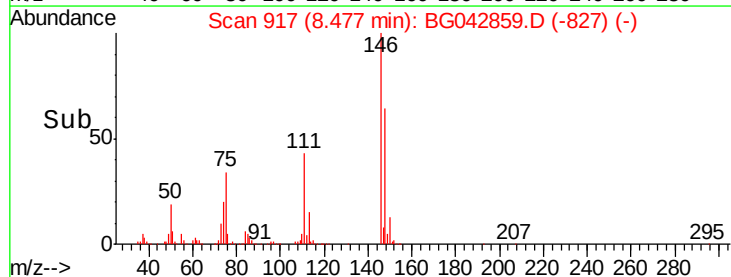
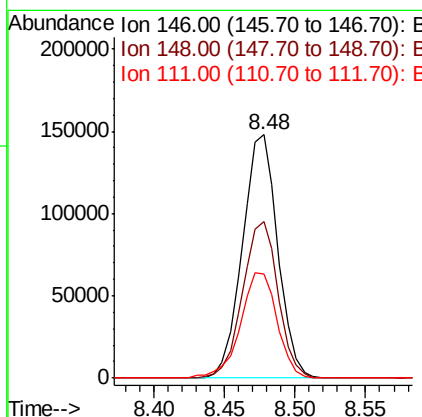
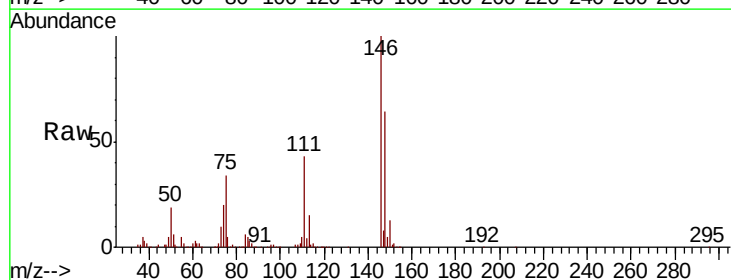
Manual Integrations
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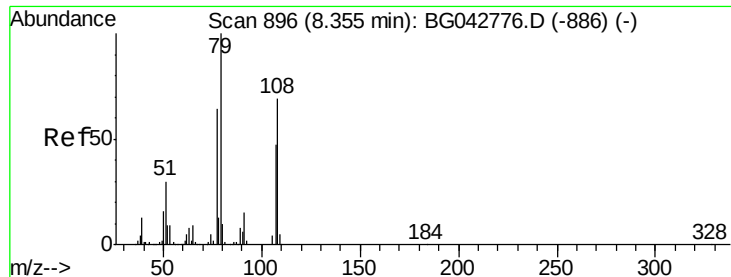
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 33.477 ng
 RT: 8.48 min Scan# 917
 Delta R.T. -0.00 min
 Lab File: BG042859.D
 Acq: 16 Sep 2019 21:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.6	78.8
111	42.5	35.3	52.9





#15

Benzyl Alcohol

Concen: 34.937 ng

RT: 8.35 min Scan# 895

Delta R.T. -0.01 min

Lab File: BG042859.D

Acq: 16 Sep 2019 21:45

Instrument :

BNA_G

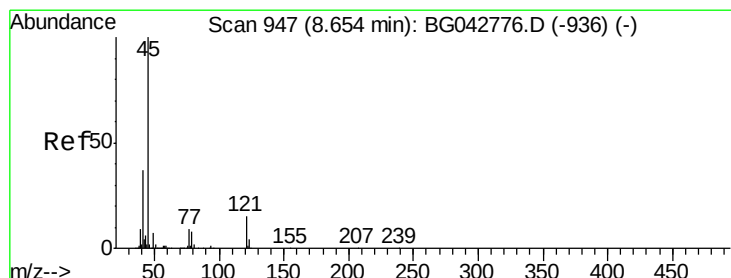
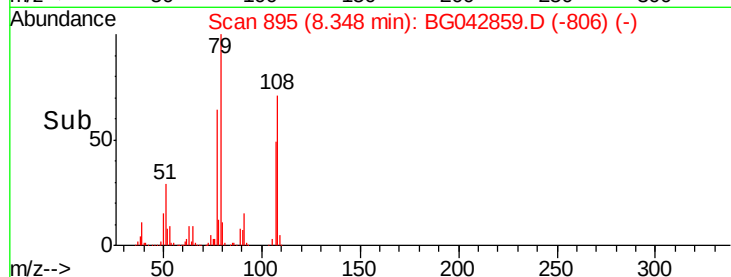
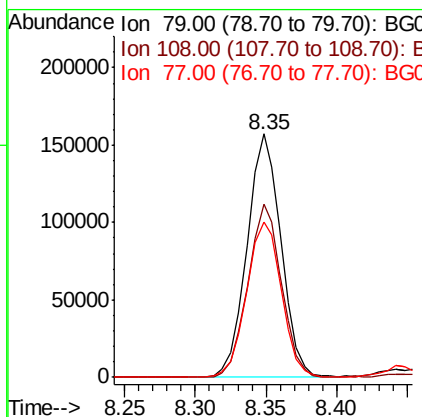
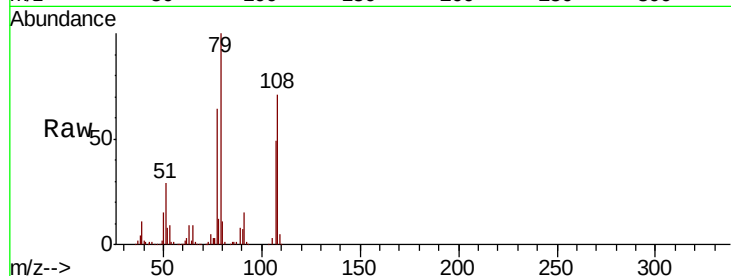
ClientSampleId :

SB-3C-(9-10)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
108	71.1	54.9	82.3		
77	63.8	51.0	76.6		

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 30.956 ng

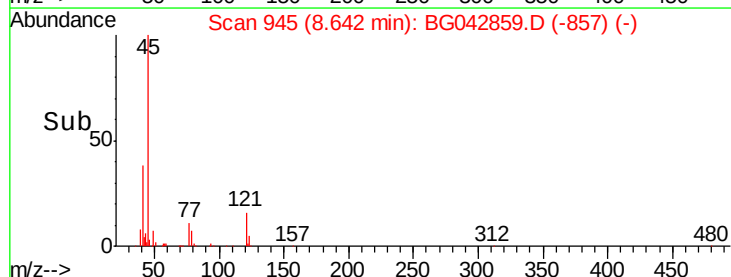
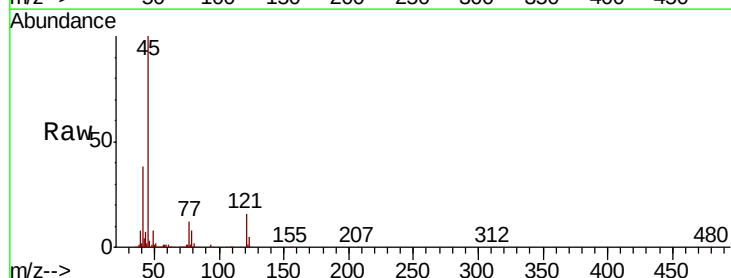
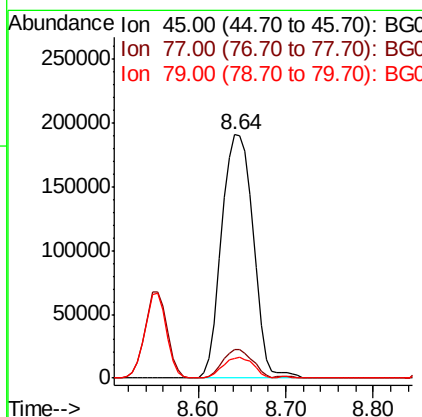
RT: 8.64 min Scan# 945

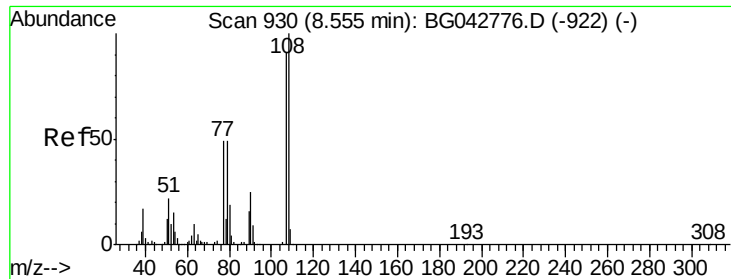
Delta R.T. -0.01 min

Lab File: BG042859.D

Acq: 16 Sep 2019 21:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
45	100				
77	11.7	0.0	29.4		
79	8.3	0.0	28.4		





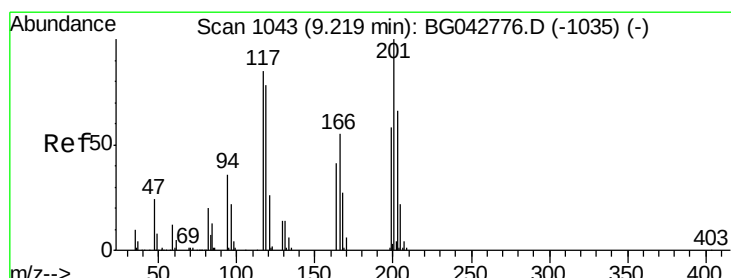
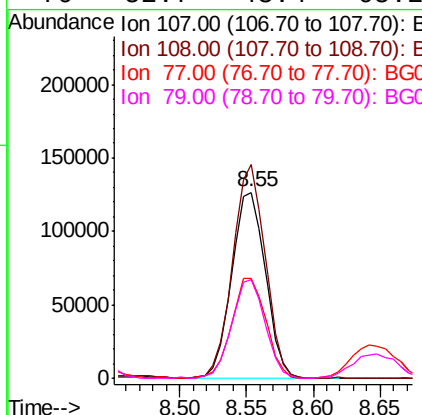
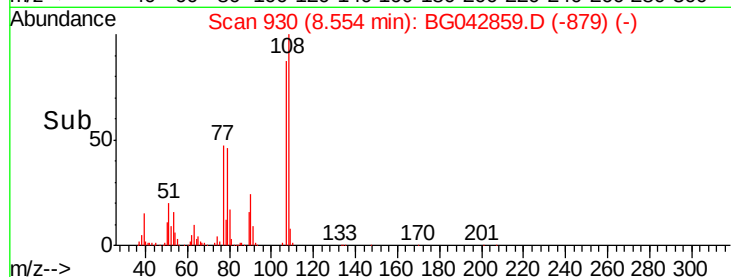
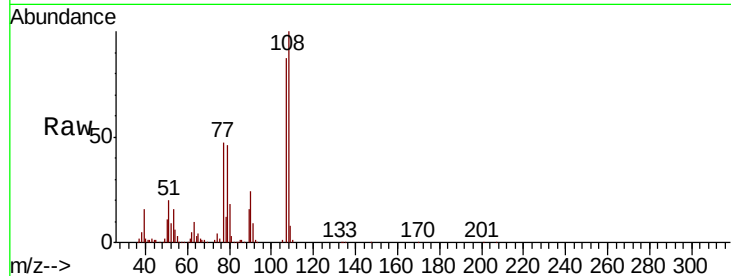
#17
2-Methylphenol
Concen: 36.735 ng
RT: 8.55 min Scan# 930
Delta R.T. -0.00 min
Lab File: BG042859.D
Acq: 16 Sep 2019 21:45

Instrument :
BNA_G
ClientSampleId :
SB-3C-(9-10)MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	222741		
108	114.7		87.7	131.5
77	53.5		42.6	64.0
79	52.7		43.4	65.2

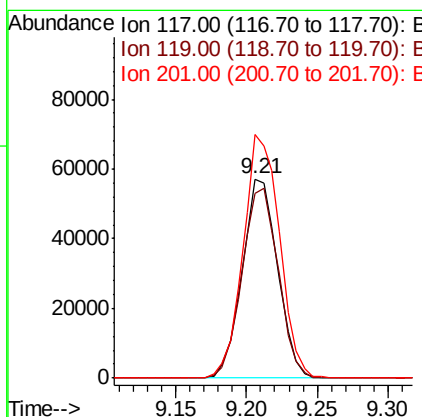
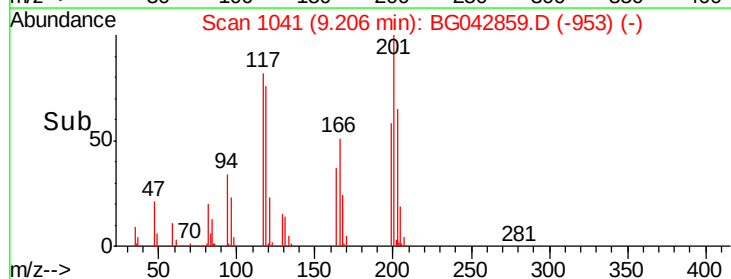
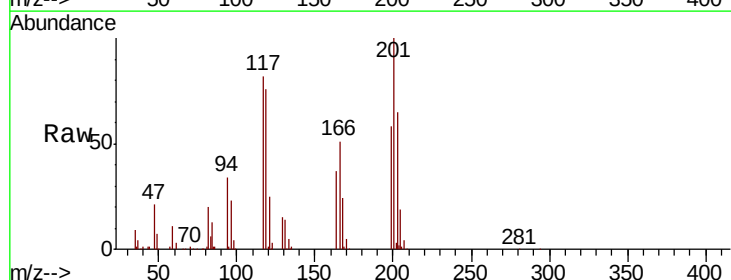
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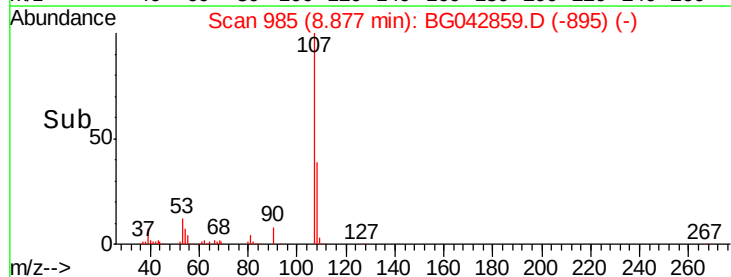
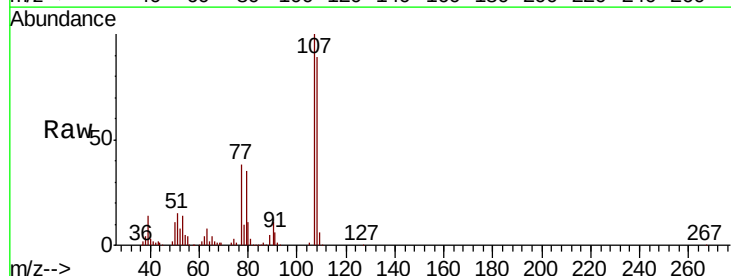
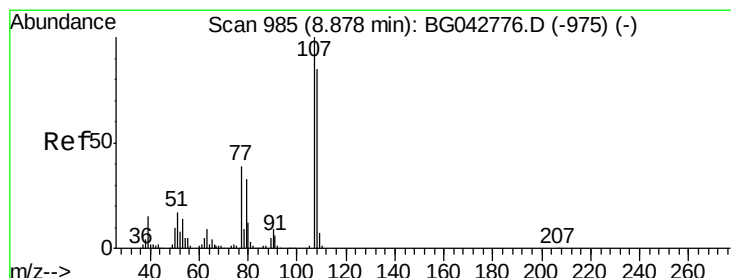
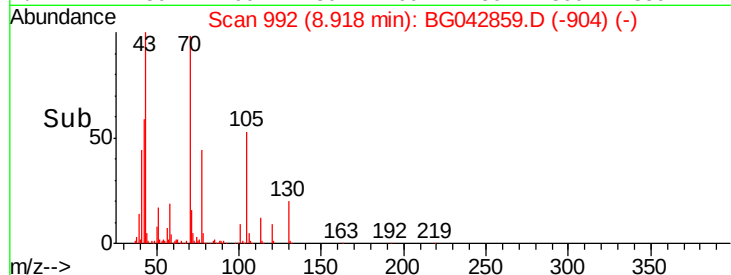
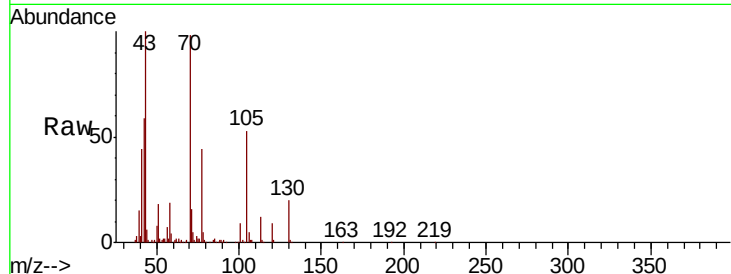
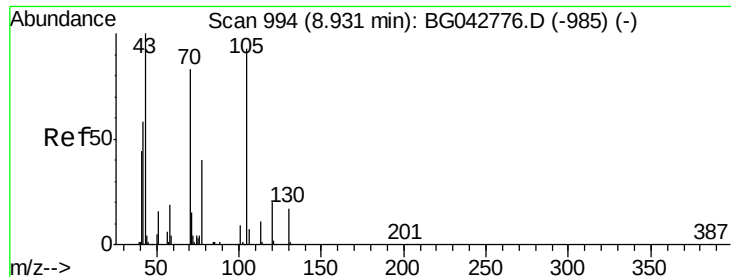
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#18
Hexachloroethane
Concen: 33.629 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG042859.D
Acq: 16 Sep 2019 21:45

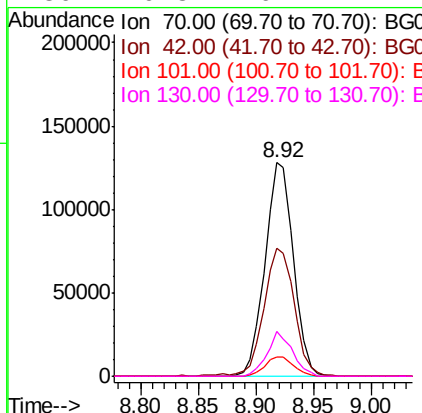
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	100905		
119	92.6		73.8	110.8
201	122.1		94.6	142.0





#19
n-Nitroso-di-n-propylamine
Concen: 33.699 ng
RT: 8.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BG042859.D
Acq: 16 Sep 2019 21:45

Tot Ion	Ratio	Lower	Upper
70	100		
42	60.2	57.0	85.6
101	9.3	8.4	12.6
130	20.8	16.1	24.1



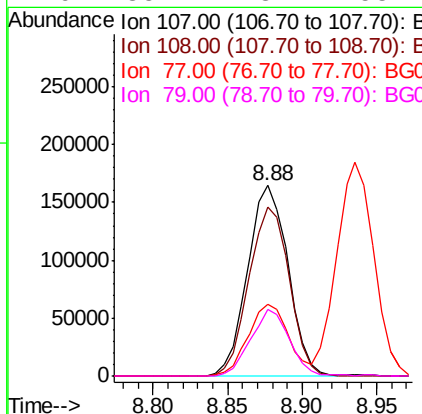
Instrument :
BNA_G
ClientSampleId :
SB-3C-(9-10)MS

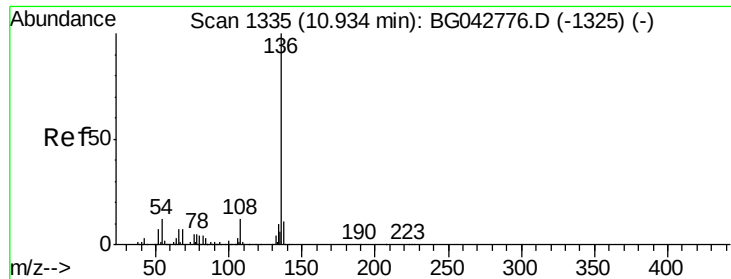
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#20
3+4-Methylphenols
Concen: 36.752 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.00 min
Lab File: BG042859.D
Acq: 16 Sep 2019 21:45

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.7	65.4	105.4
77	37.7	18.7	58.7
79	35.1	13.7	53.7





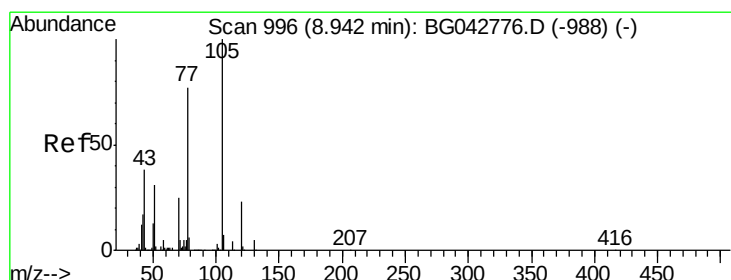
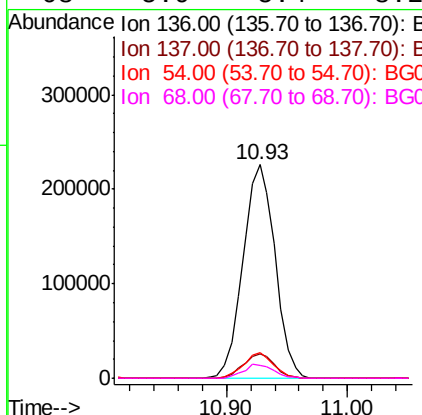
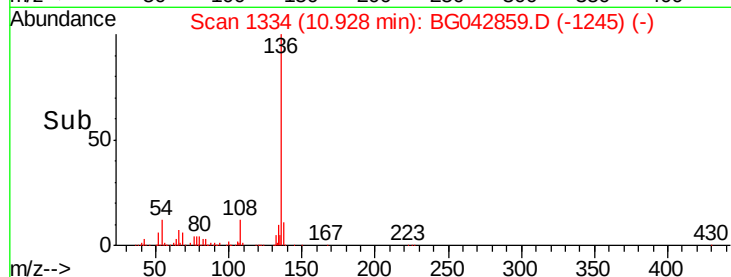
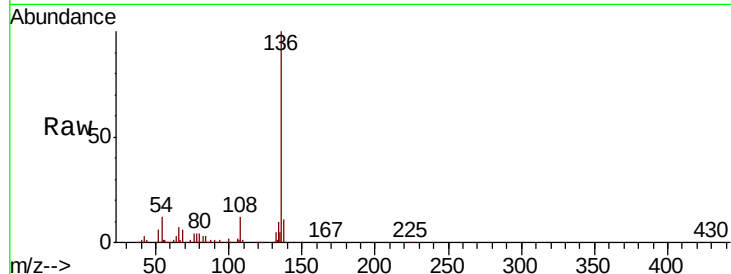
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG042859.D
Acq: 16 Sep 2019 21:45

Instrument :
BNA_G
ClientSampleId :
SB-3C-(9-10)MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	416793		
137	11.3		9.0	13.6
54	12.0		9.4	14.0
68	5.9		5.4	8.2

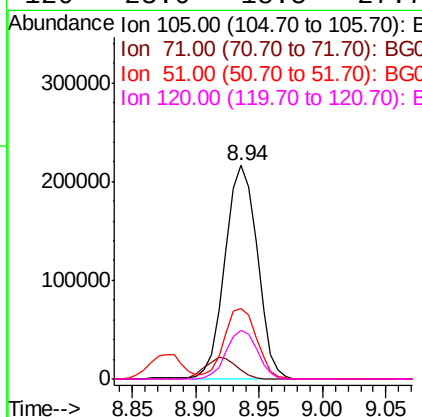
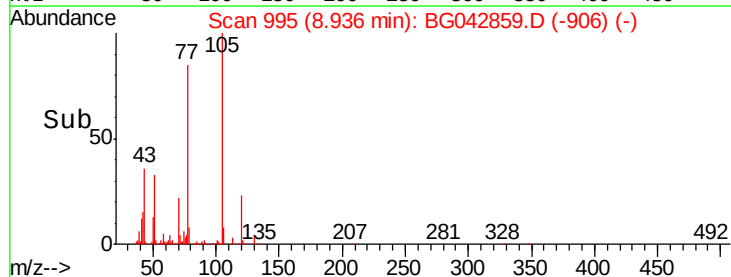
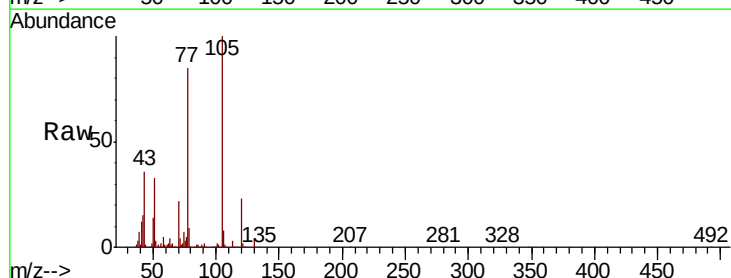
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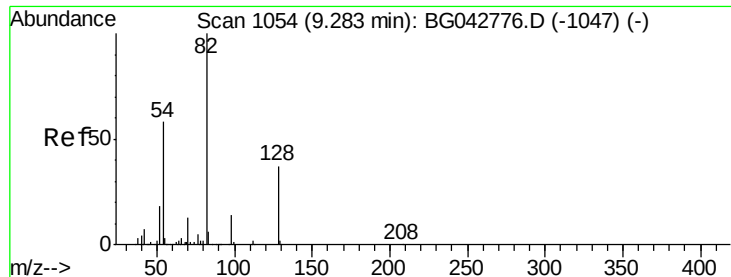
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#22
Acetophenone
Concen: 36.192 ng
RT: 8.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BG042859.D
Acq: 16 Sep 2019 21:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	380966		
71	4.1		3.7	5.5
51	32.7		28.8	43.2
120	23.0		18.5	27.7





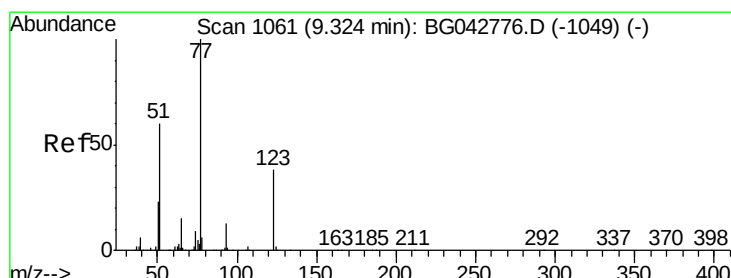
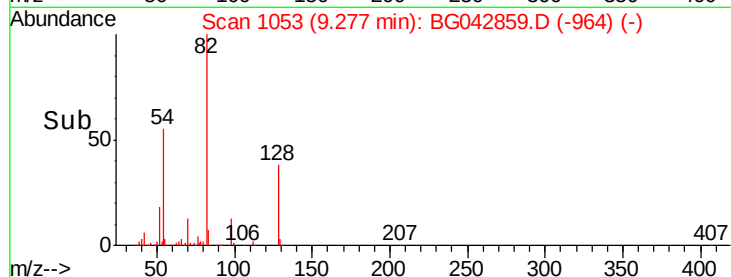
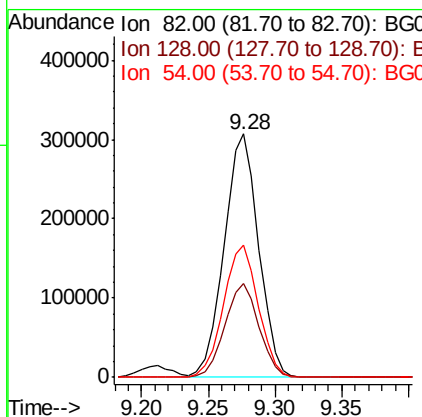
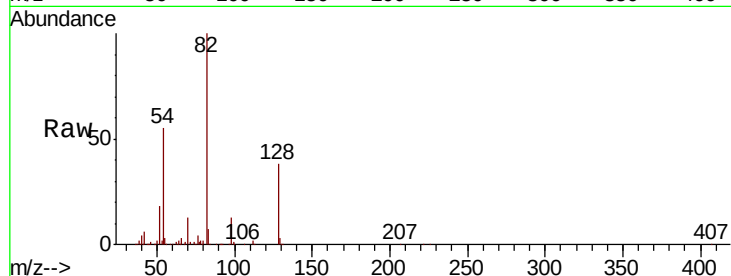
#23
 Nitrobenzene-d5
 Concen: 69.096 ng
 RT: 9.28 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: BG042859.D
 Acq: 16 Sep 2019 21:45

Instrument :
 BNA_G
 ClientSampleId :
 SB-3C-(9-10)MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	38.4	29.8	44.8
54	54.6	46.1	69.1

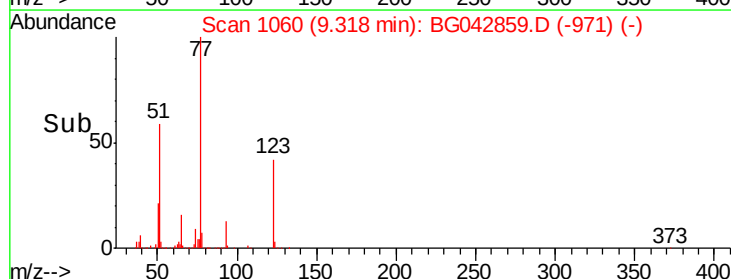
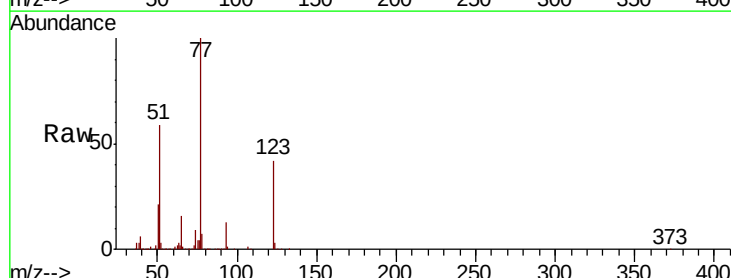
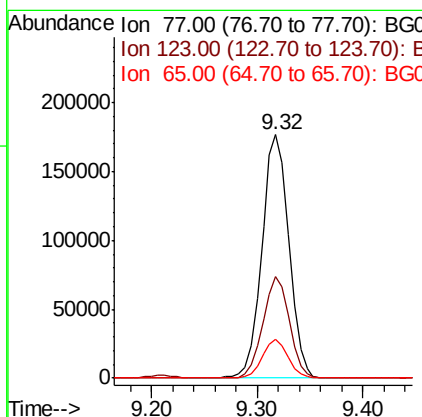
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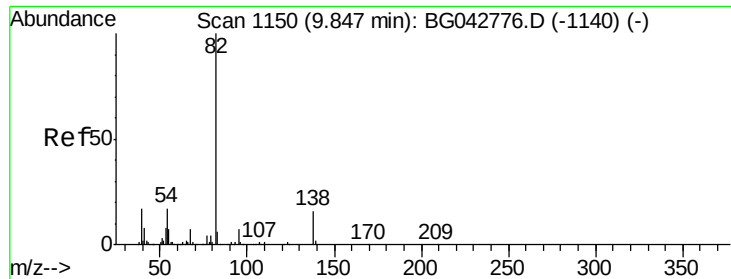
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#24
 Nitrobenzene
 Concen: 37.270 ng
 RT: 9.32 min Scan# 1060
 Delta R.T. -0.01 min
 Lab File: BG042859.D
 Acq: 16 Sep 2019 21:45

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.7	30.7	46.1
65	15.7	12.2	18.4





#25

Isophorone

Concen: 34.959 ng

RT: 9.84 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BG042859.D

Acq: 16 Sep 2019 21:45

Instrument :

BNA_G

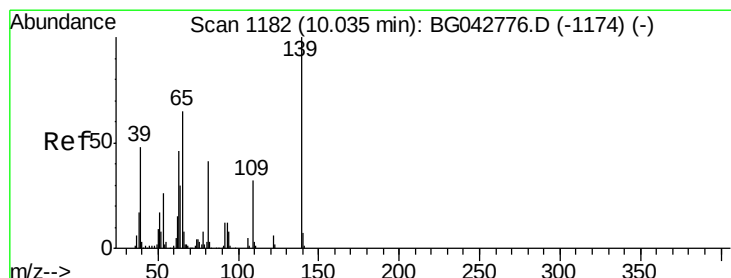
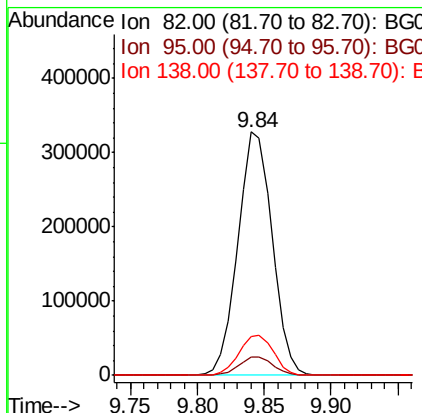
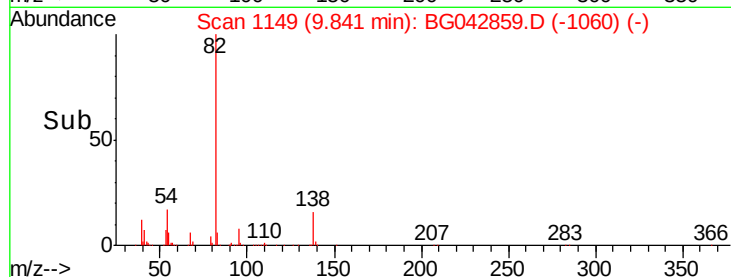
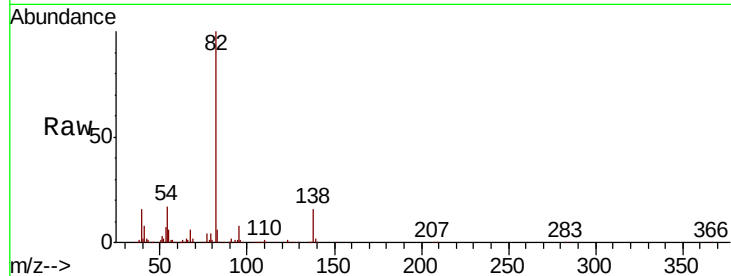
ClientSampleId :

SB-3C-(9-10)MS

Tot Ion:	82	Resp:	583364
Ion Ratio	Lower	Upper	
82	100		
95	7.6	5.8	8.8
138	16.1	12.9	19.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 41.529 ng

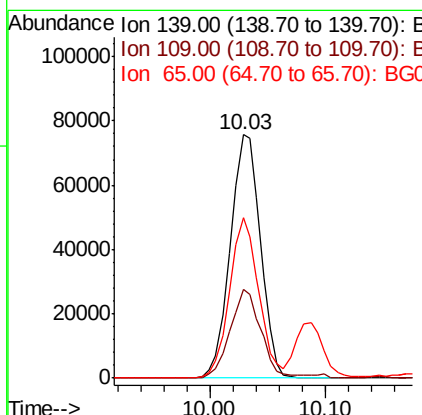
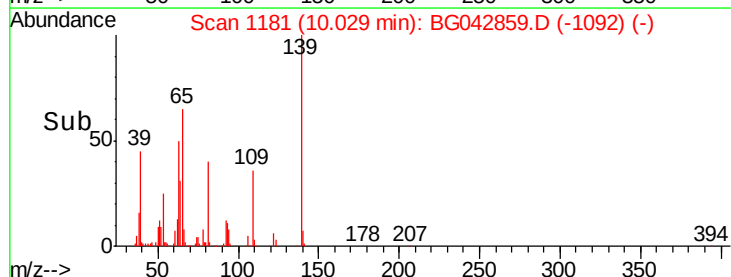
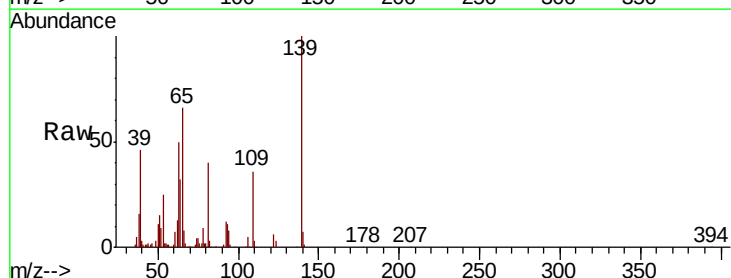
RT: 10.03 min Scan# 1181

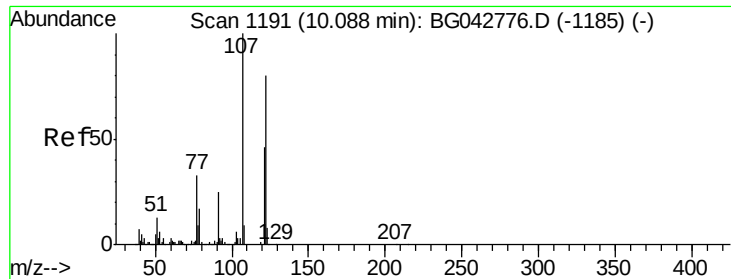
Delta R.T. -0.01 min

Lab File: BG042859.D

Acq: 16 Sep 2019 21:45

Tgt Ion:	139	Resp:	137225
Ion Ratio	Lower	Upper	
139	100		
109	36.2	25.8	38.8
65	65.9	52.2	78.2





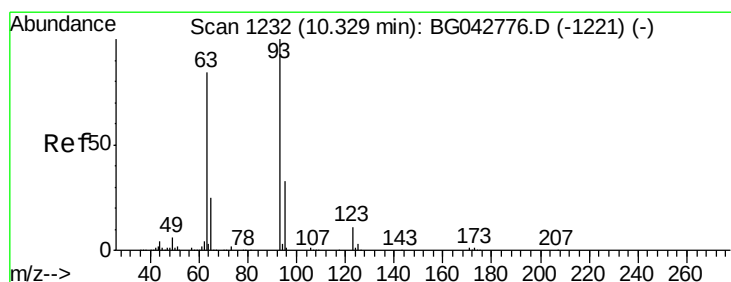
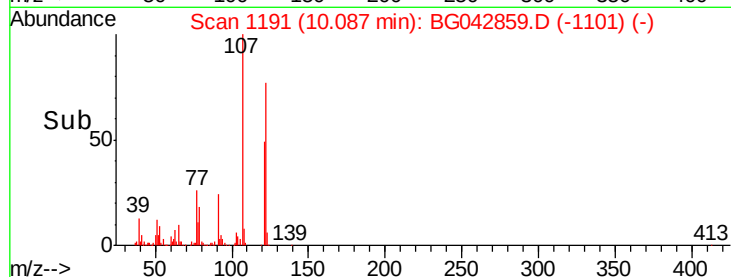
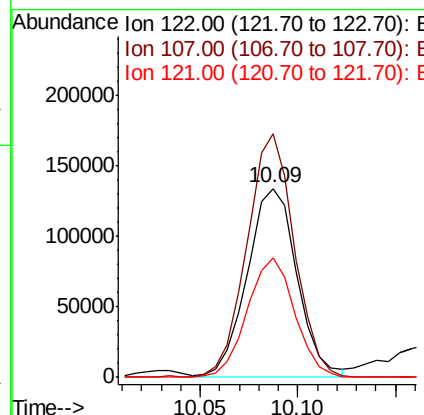
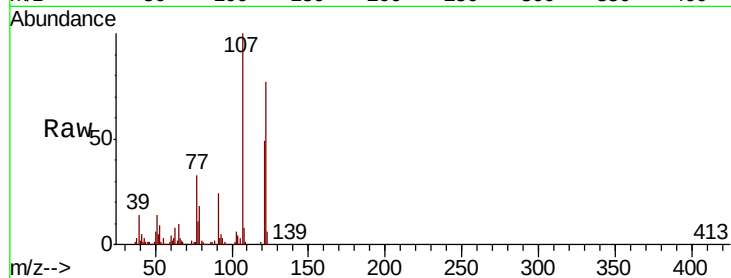
#27
2,4-Dimethylphenol
Concen: 40.419 ng
RT: 10.09 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BG042859.D
Acq: 16 Sep 2019 21:45

Instrument :
BNA_G
ClientSampleId :
SB-3C-(9-10)MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	236251		
107	129.1	98.9	148.3	
121	63.0	46.2	69.2	

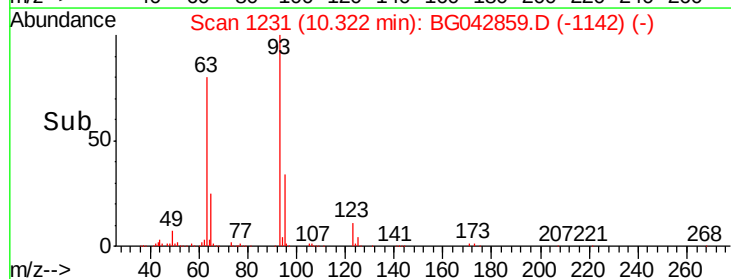
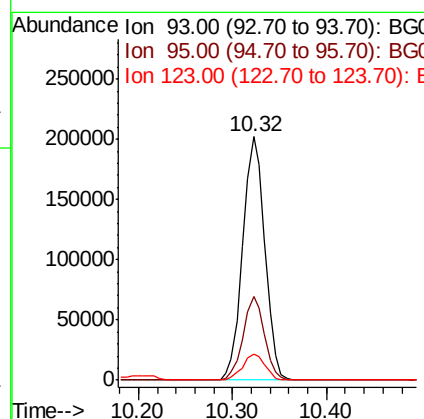
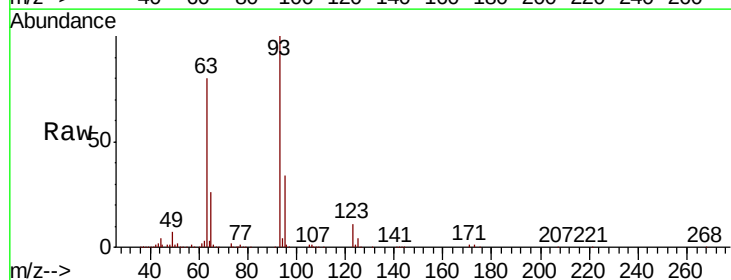
Manual Integrations
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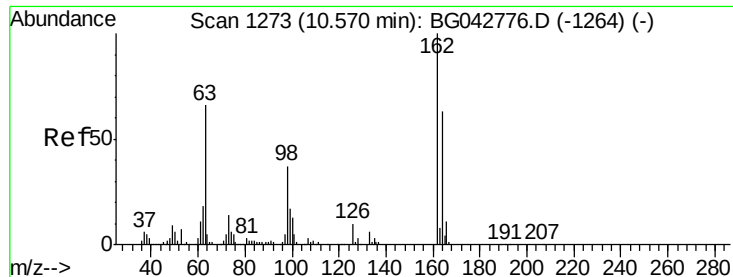
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 35.486 ng
RT: 10.32 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BG042859.D
Acq: 16 Sep 2019 21:45

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	330228		
95	34.3	26.6	40.0	
123	10.9	9.0	13.6	





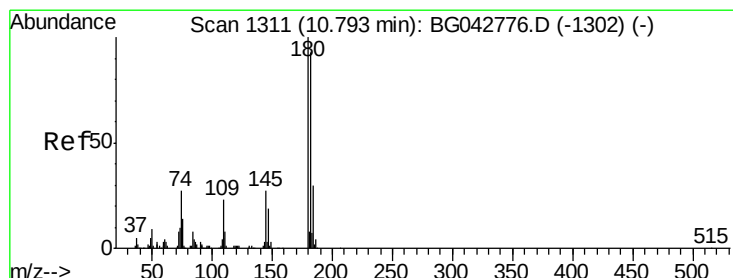
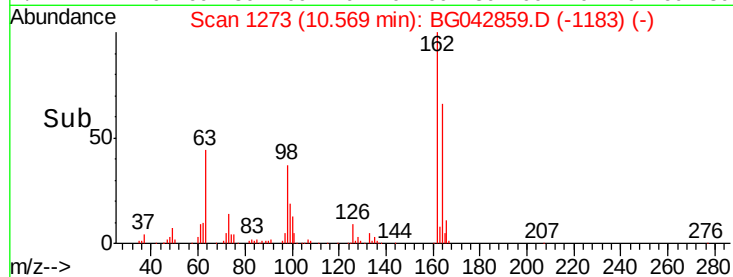
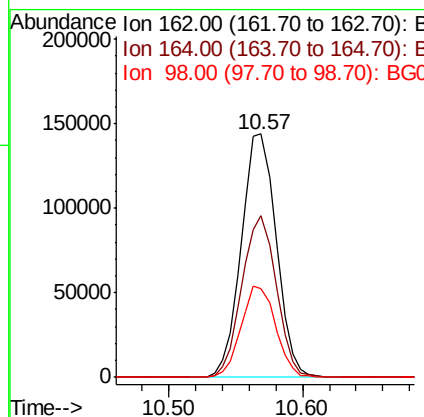
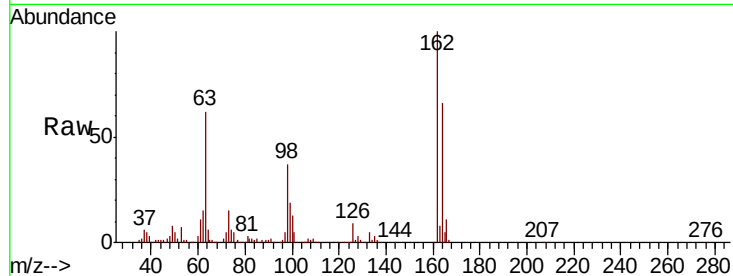
#29
 2,4-Dichlorophenol
 Concen: 38.414 ng
 RT: 10.57 min Scan# 1273
 Delta R.T. -0.00 min
 Lab File: BG042859.D
 Acq: 16 Sep 2019 21:45

Instrument :
 BNA_G
 ClientSampleId :
 SB-3C-(9-10)MS

Tot Ion:	162	Resp:	260921
Ion Ratio	Lower	Upper	
162	100		
164	66.3	43.4	83.4
98	36.6	17.0	57.0

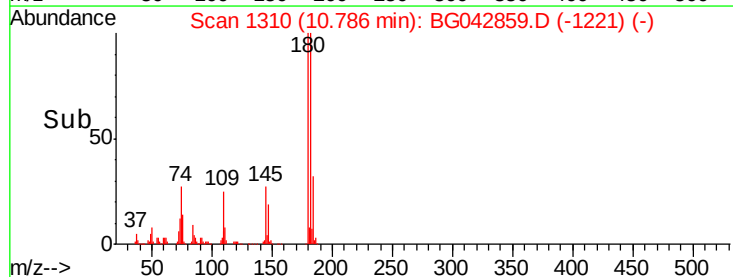
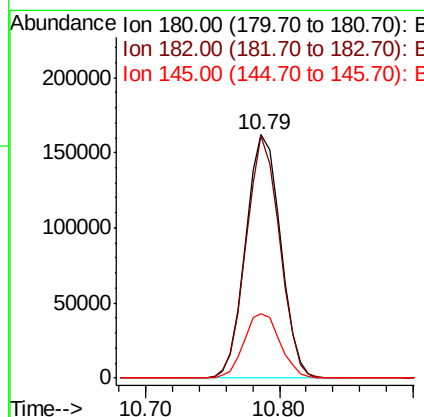
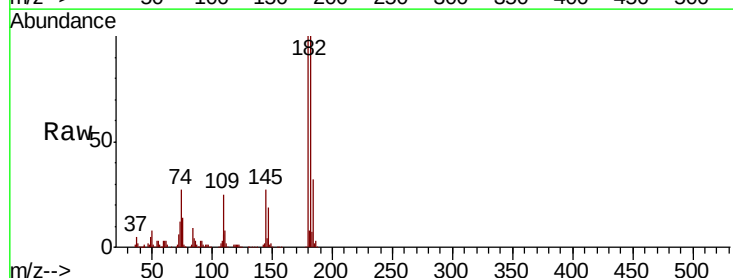
Manual Integrations
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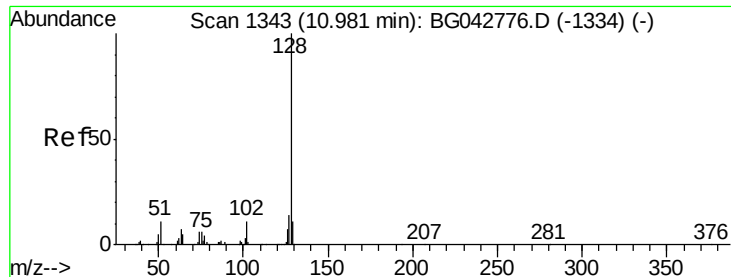
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#30
 1,2,4-Trichlorobenzene
 Concen: 35.155 ng
 RT: 10.79 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BG042859.D
 Acq: 16 Sep 2019 21:45

Tgt Ion:	180	Resp:	291532
Ion Ratio	Lower	Upper	
180	100		
182	99.8	74.6	112.0
145	26.6	21.8	32.6





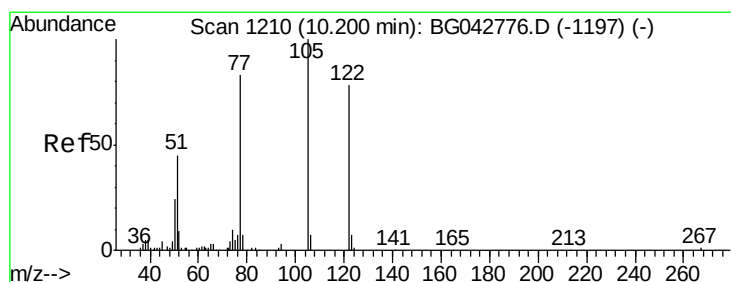
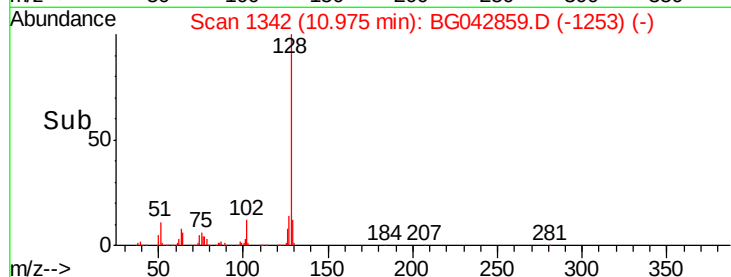
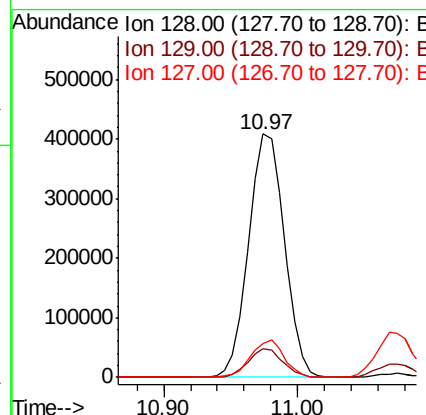
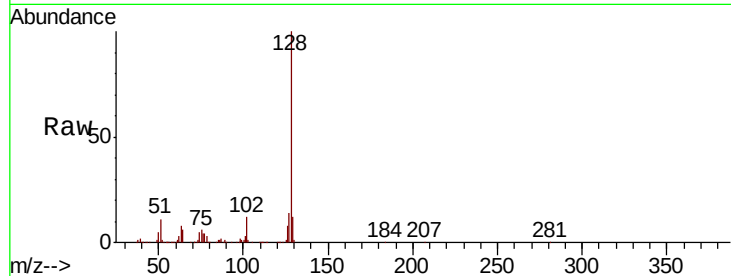
#31
Naphthalene
Concen: 36.723 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BG042859.D
Acq: 16 Sep 2019 21:45

Instrument :
BNA_G
ClientSampleId :
SB-3C-(9-10)MS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	755695		
129	11.8		9.0	13.6
127	14.0		11.4	17.2

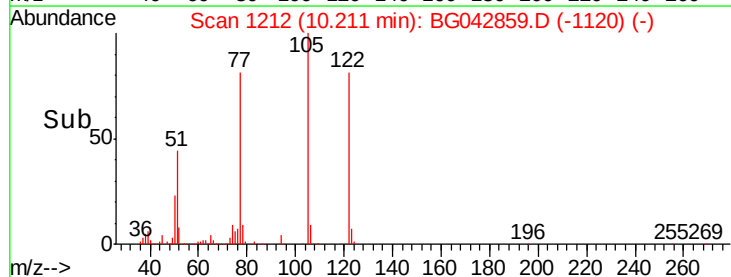
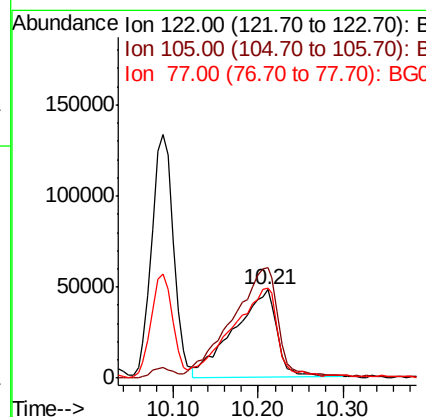
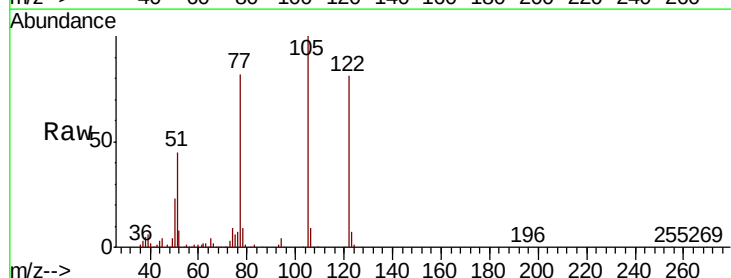
Manual Integrations
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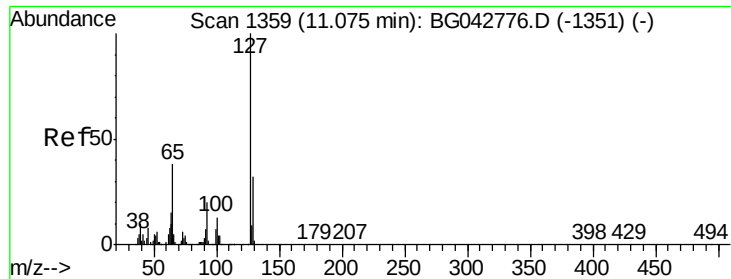
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#32
Benzoic acid
Concen: 37.729 ng
RT: 10.21 min Scan# 1212
Delta R.T. 0.01 min
Lab File: BG042859.D
Acq: 16 Sep 2019 21:45

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	171480		
105	124.2		104.0	144.0
77	101.6		84.2	124.2





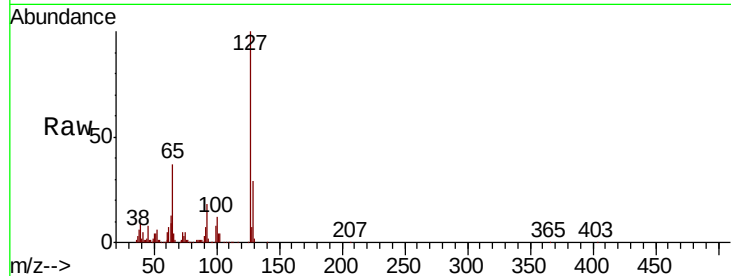
#33
4-Chloroaniline
Concen: 14.712 ng
RT: 11.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BG042859.D
Acq: 16 Sep 2019 21:45

Instrument :
BNA_G
ClientSampleId :
SB-3C-(9-10)MS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	29.3	25.8	38.6	
65	37.1	30.5	45.7	
92	18.0	15.9	23.9	

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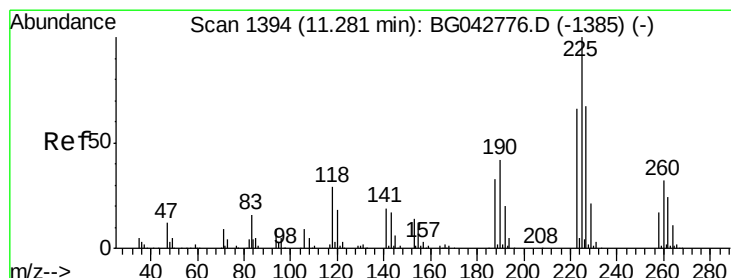
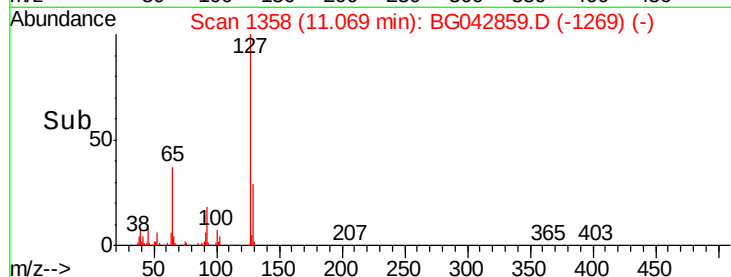
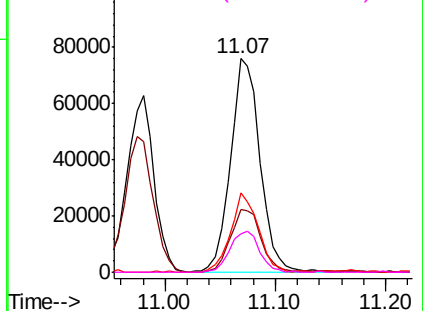
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

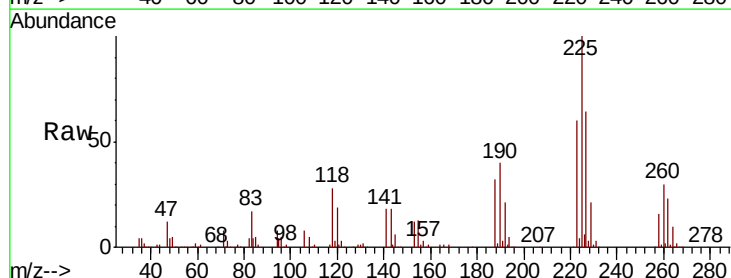
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 33.743 ng
RT: 11.27 min Scan# 1392
Delta R.T. -0.01 min
Lab File: BG042859.D
Acq: 16 Sep 2019 21:45

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	60.4	52.6	79.0	
227	64.1	53.6	80.4	

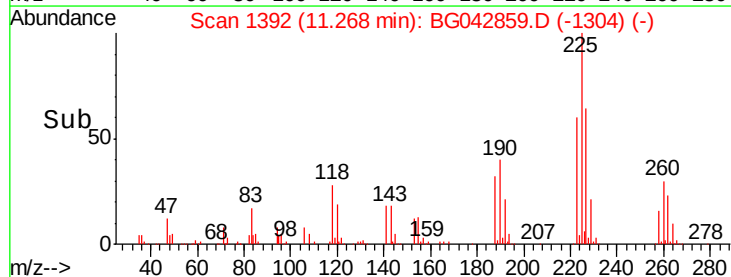
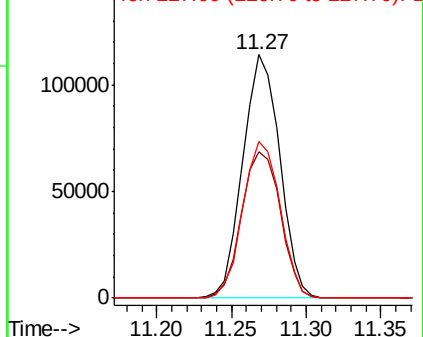


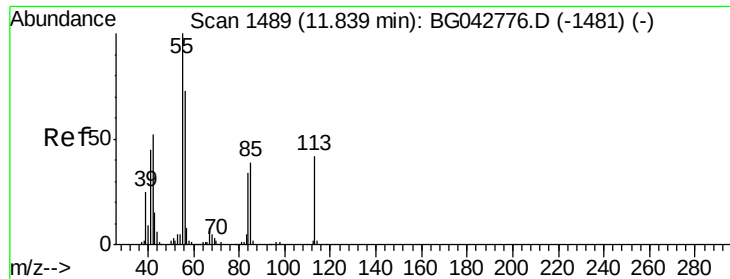
Abundance

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





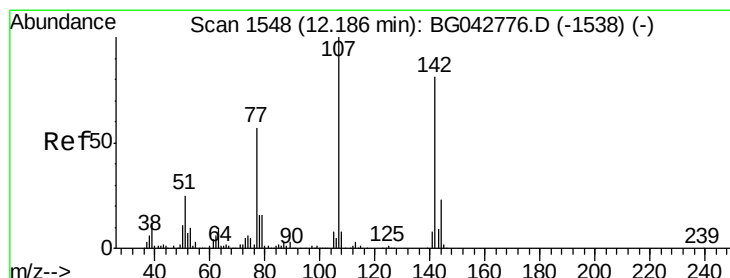
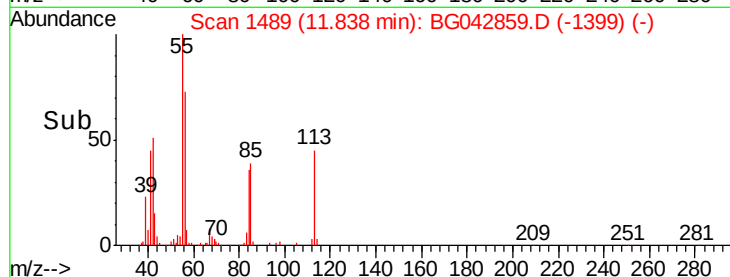
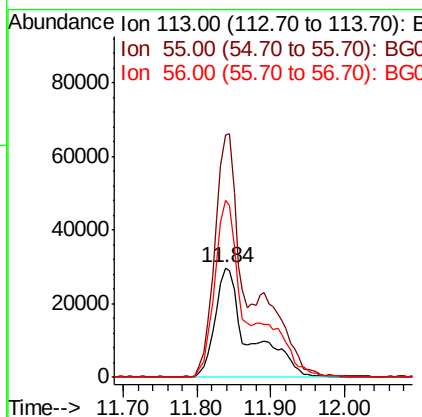
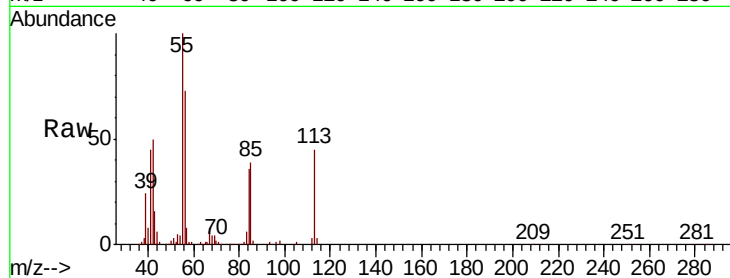
#35
 Caprolactam
 Concen: 37.992 ng/ml
 RT: 11.84 min Scan# 1489
 Delta R.T. -0.00 min
 Lab File: BG042859.D
 Acq: 16 Sep 2019 21:45

Instrument :
 BNA_G
 ClientSampleId :
 SB-3C-(9-10)MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	221.2	218.4	258.4
56	162.0	154.8	194.8

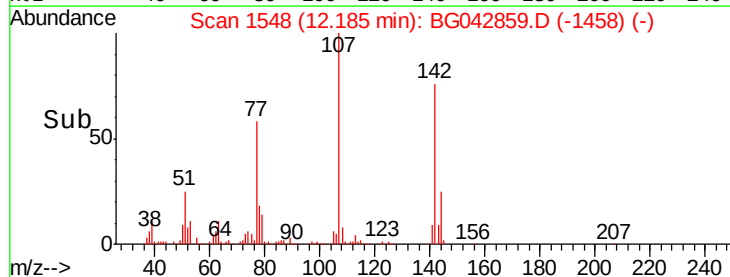
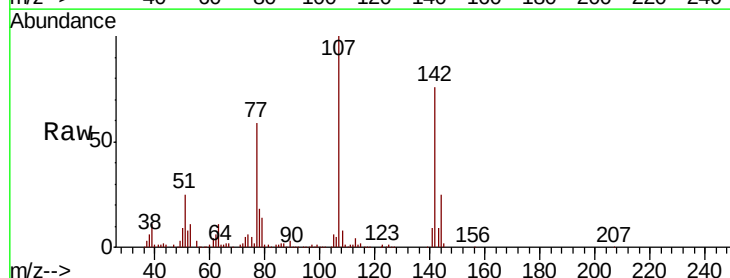
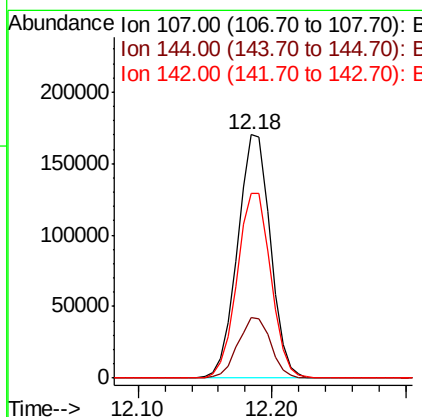
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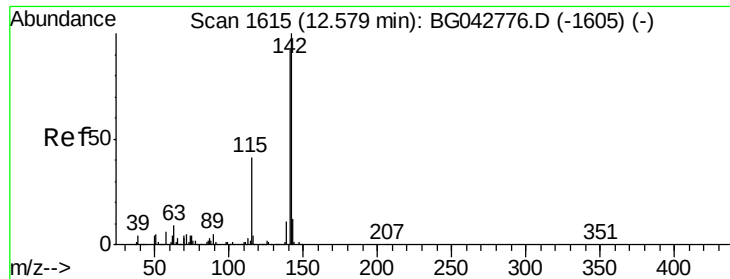
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#36
 4-Chloro-3-methylphenol
 Concen: 39.363 ng/ml
 RT: 12.18 min Scan# 1548
 Delta R.T. -0.00 min
 Lab File: BG042859.D
 Acq: 16 Sep 2019 21:45

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.9	18.7	28.1
142	76.0	65.0	97.4





#37

2-Methylnaphthalene

Concen: 37.088 ng

RT: 12.57 min Scan# 1614

Delta R.T. -0.01 min

Lab File: BG042859.D

Acq: 16 Sep 2019 21:45

Instrument :

BNA_G

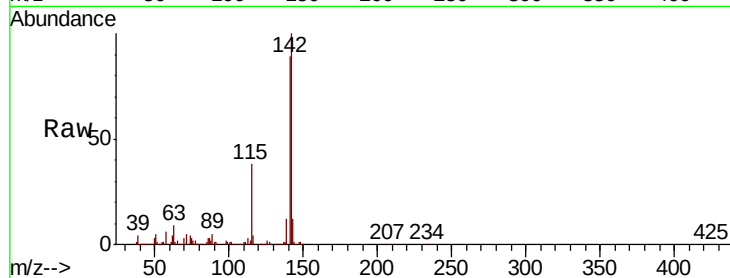
ClientSampleId :

SB-3C-(9-10)MS

Tot Ion:	142	Resp:	571715
Ion Ratio	Lower	Upper	
142	100		
141	89.0	73.8	110.8
115	37.8	33.0	49.4

Manual Integrations
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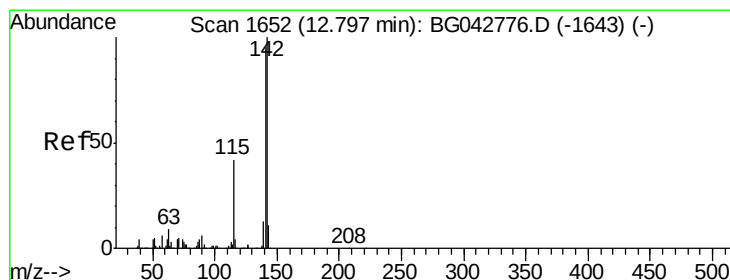
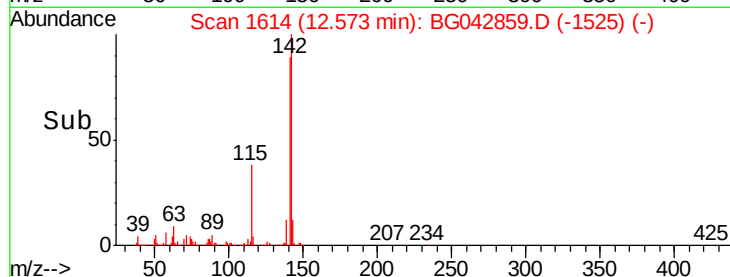
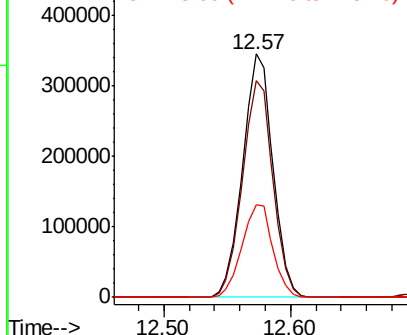


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 37.040 ng

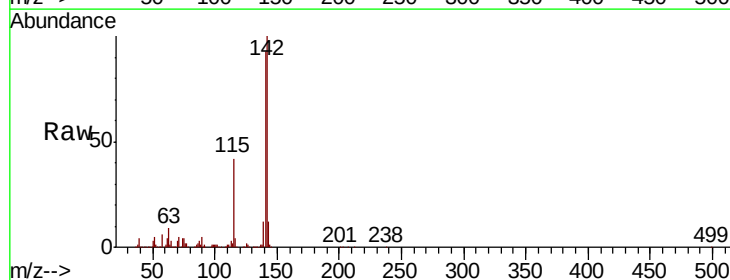
RT: 12.79 min Scan# 1651

Delta R.T. -0.01 min

Lab File: BG042859.D

Acq: 16 Sep 2019 21:45

Tgt Ion:	142	Resp:	535518
Ion Ratio	Lower	Upper	
142	100		
141	93.0	76.3	114.5
116	3.9	3.4	5.0

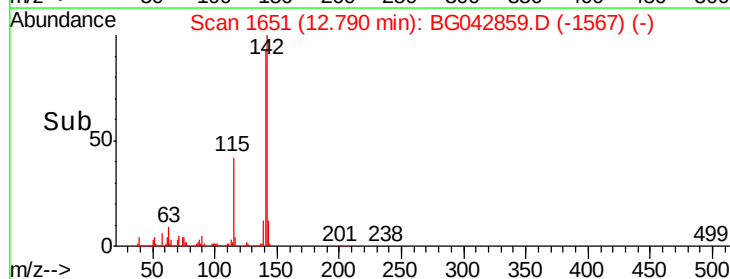
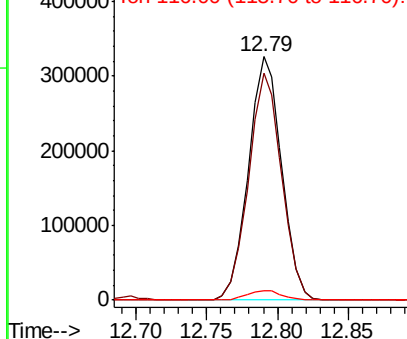


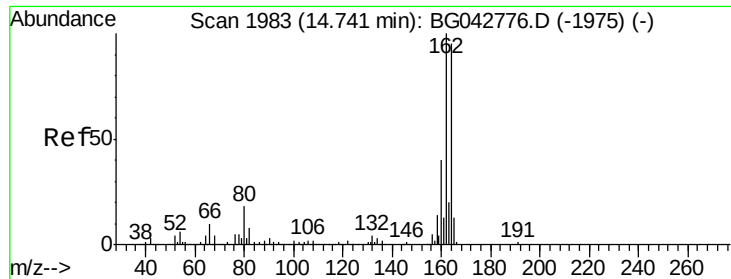
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





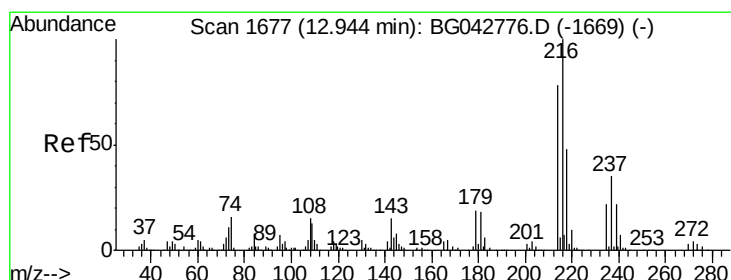
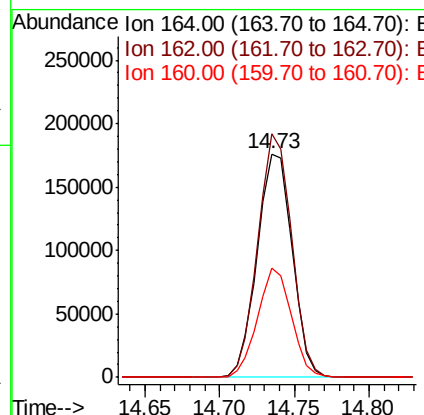
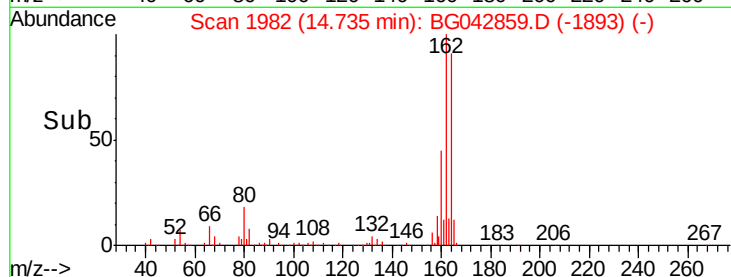
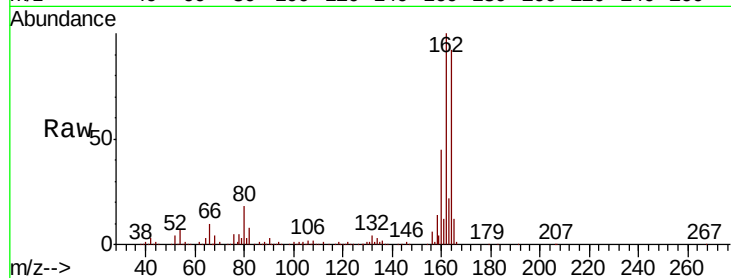
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BG042859.D
Acq: 16 Sep 2019 21:45

Instrument :
BNA_G
ClientSampleId :
SB-3C-(9-10)MS

Tot Ion:	164	Resp:	284571
Ion Ratio	Lower	Upper	
164	100		
162	109.0	84.6	126.8
160	48.7	34.2	51.2

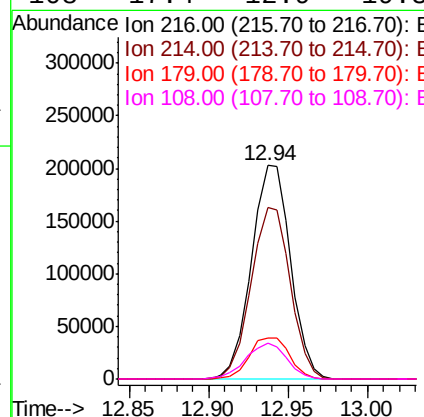
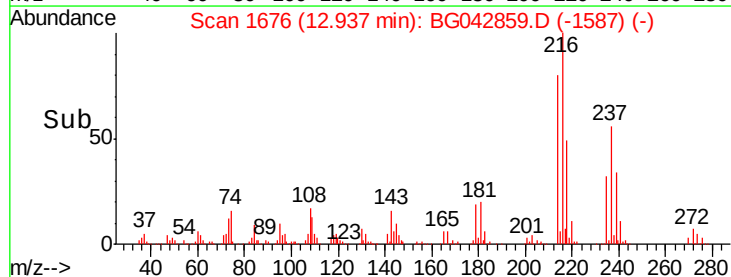
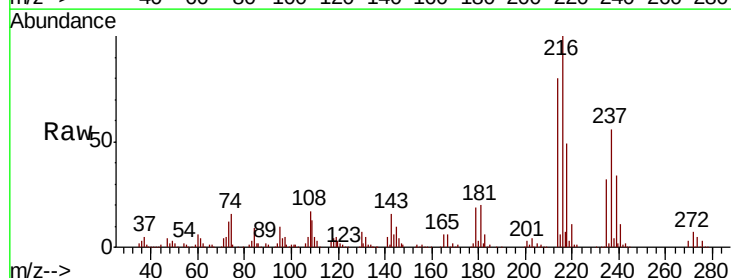
Manual Integrations
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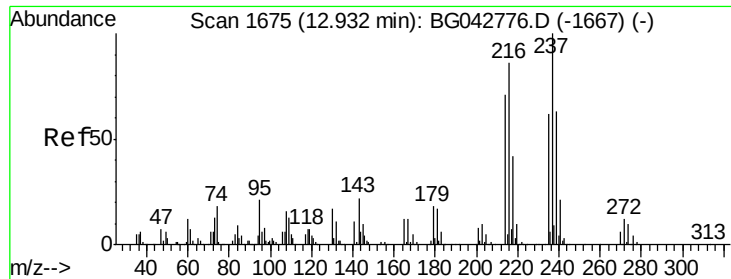
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.045 ng
RT: 12.94 min Scan# 1676
Delta R.T. -0.01 min
Lab File: BG042859.D
Acq: 16 Sep 2019 21:45

Tgt Ion:	216	Resp:	348351
Ion Ratio	Lower	Upper	
216	100		
214	80.6	62.8	94.2
179	19.9	15.3	22.9
108	17.4	12.9	19.3





#41

Hexachlorocyclopentadiene

Concen: 58.218 ng

RT: 12.93 min Scan# 1674

Delta R.T. -0.01 min

Lab File: BG042859.D

Acq: 16 Sep 2019 21:45

Instrument :

BNA_G

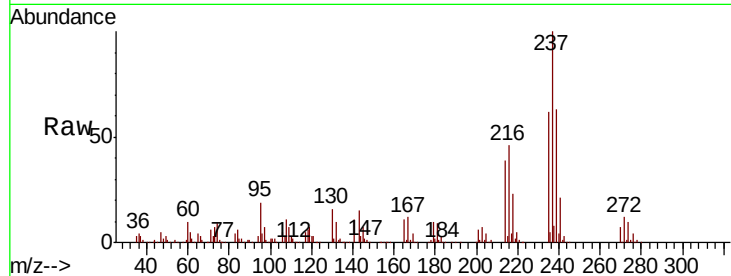
ClientSampleId :

SB-3C-(9-10)MS

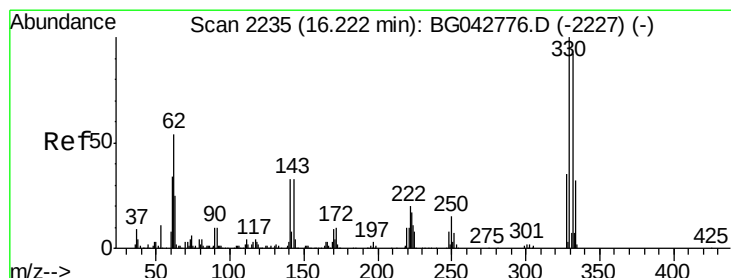
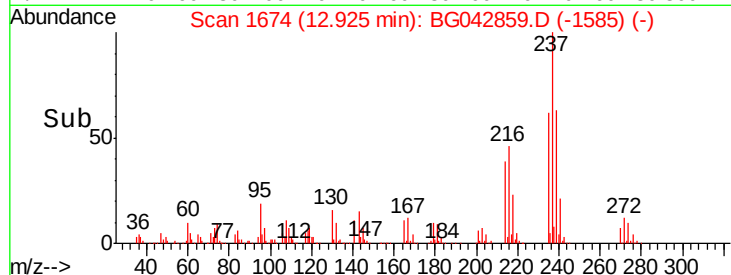
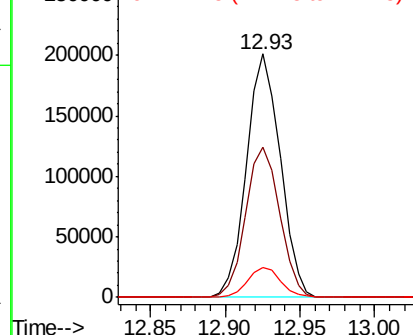
Tot Ion:	237	Resp:	313622
Ion Ratio	Lower	Upper	
237	100		
235	61.7	41.9	81.9
272	12.3	0.0	31.6

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



#42

2,4,6-Tribromophenol

Concen: 90.240 ng

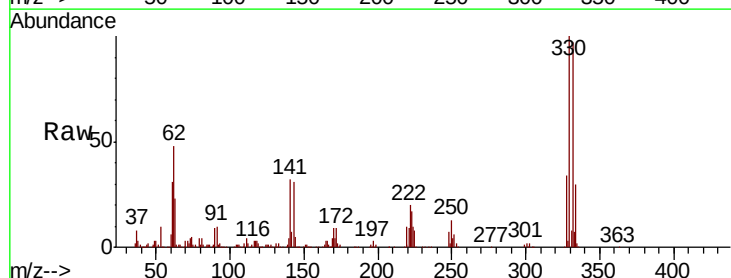
RT: 16.22 min Scan# 2235

Delta R.T. -0.00 min

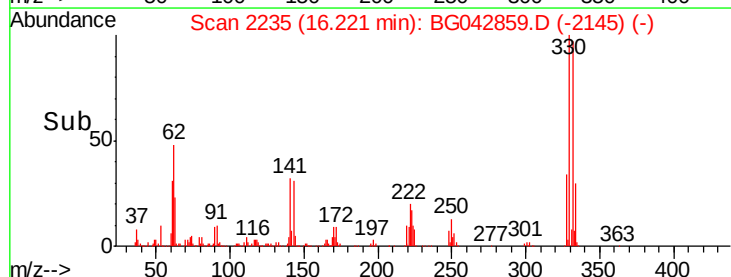
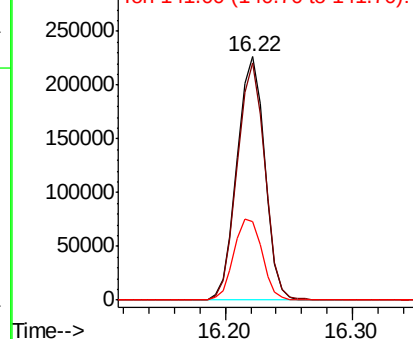
Lab File: BG042859.D

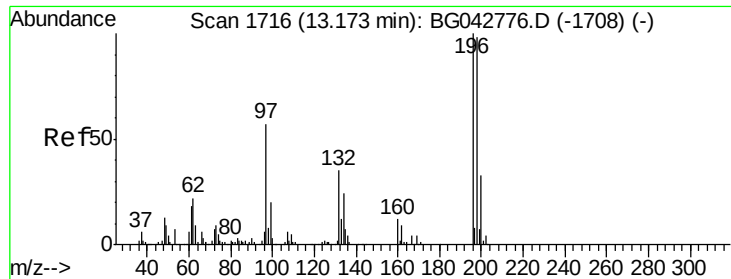
Acq: 16 Sep 2019 21:45

Tgt Ion:	330	Resp:	341648
Ion Ratio	Lower	Upper	
330	100		
332	96.9	76.7	115.1
141	34.3	27.0	40.6



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





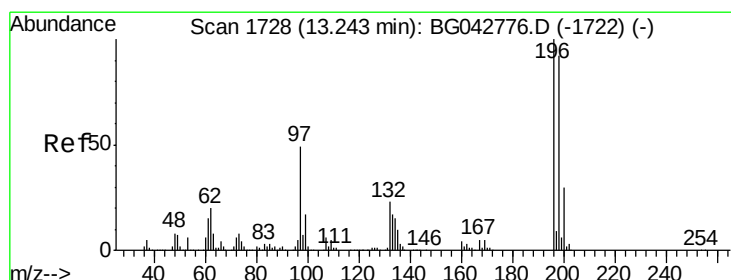
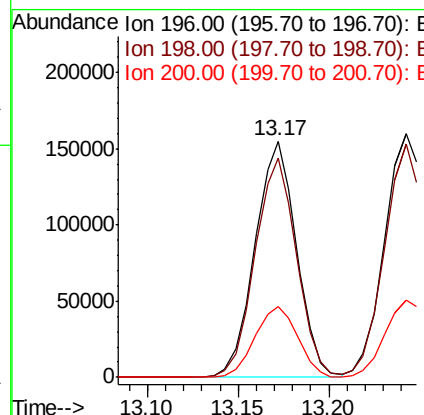
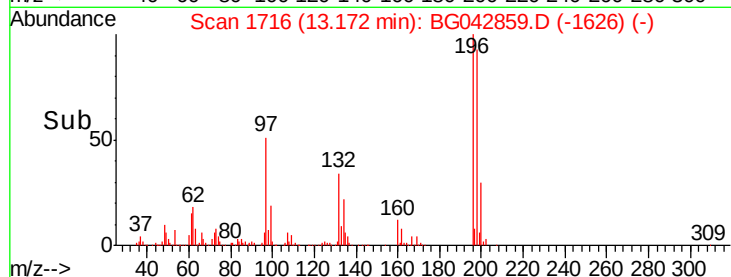
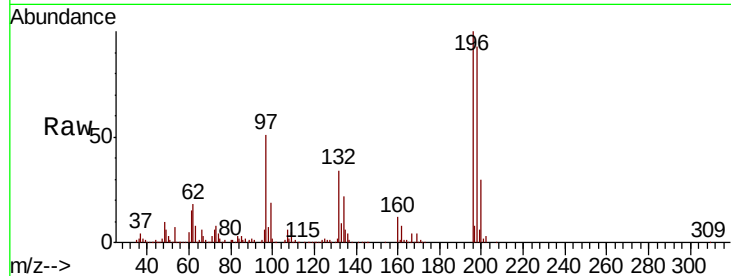
#43
2,4,6-Trichlorophenol
Concen: 39.275 ng
RT: 13.17 min Scan# 1716
Delta R.T. -0.00 min
Lab File: BG042859.D
Acq: 16 Sep 2019 21:45

Instrument :
BNA_G
ClientSampleId :
SB-3C-(9-10)MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	245880		
198	92.7		78.8	118.2
200	30.0		26.2	39.4

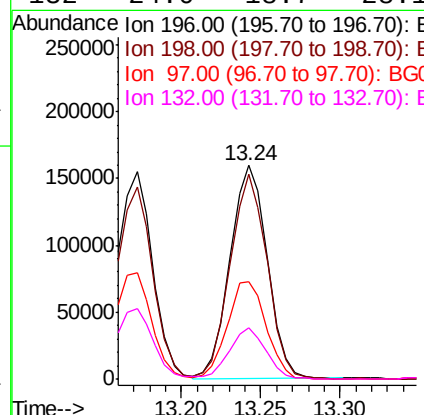
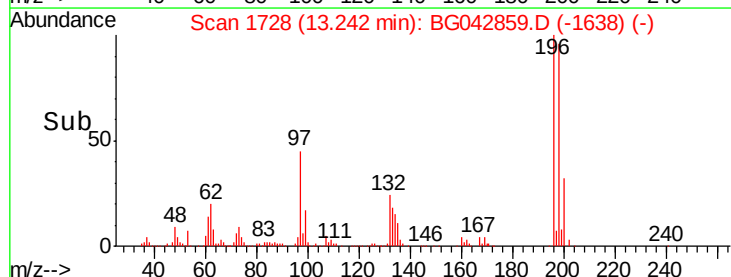
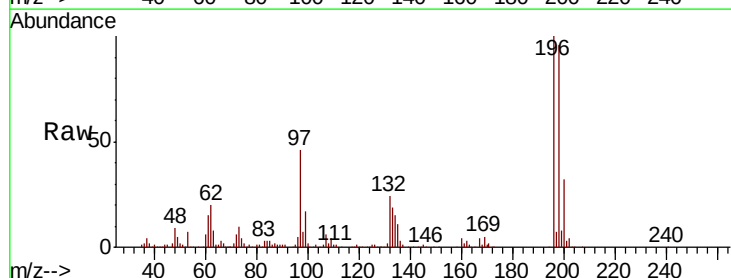
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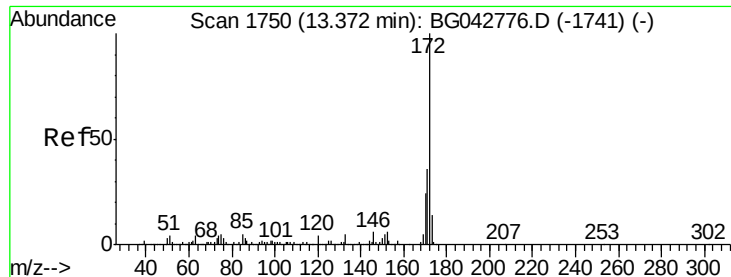
mohammad
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#44
2,4,5-Trichlorophenol
Concen: 40.456 ng
RT: 13.24 min Scan# 1728
Delta R.T. -0.00 min
Lab File: BG042859.D
Acq: 16 Sep 2019 21:45

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	259426		
198	95.6		73.4	110.0
97	45.7		39.2	58.8
132	24.0		18.7	28.1





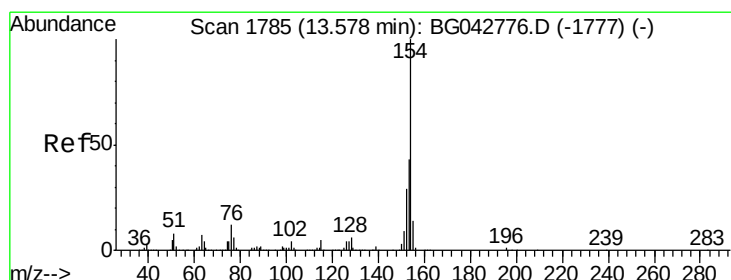
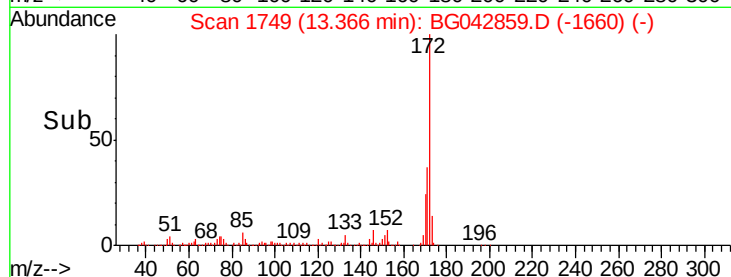
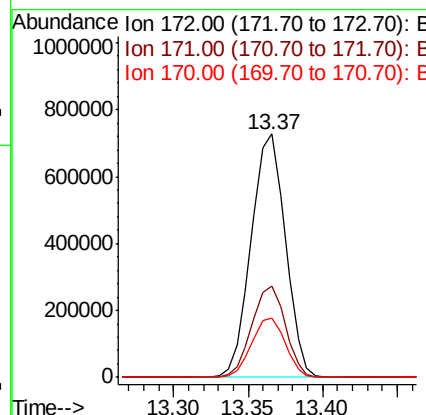
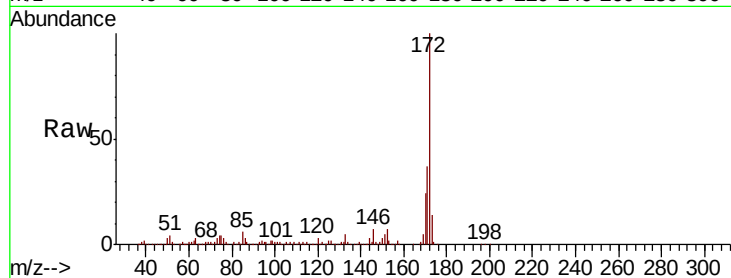
#45
2-Fluorobiphenyl
Concen: 64.133 ng
RT: 13.37 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BG042859.D
Acq: 16 Sep 2019 21:45

Instrument :
BNA_G
ClientSampleId :
SB-3C-(9-10)MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.4	28.9	43.3
170	24.4	19.1	28.7

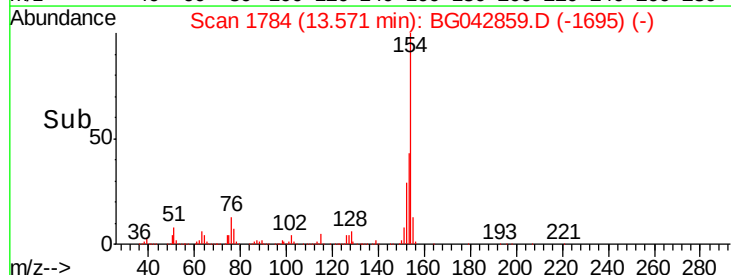
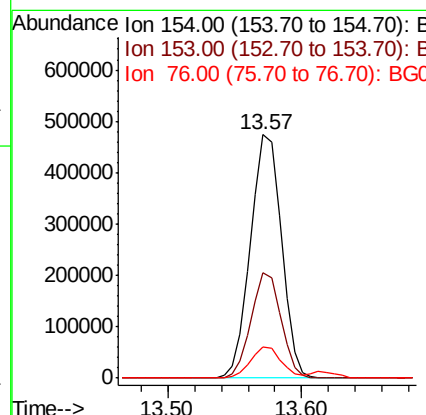
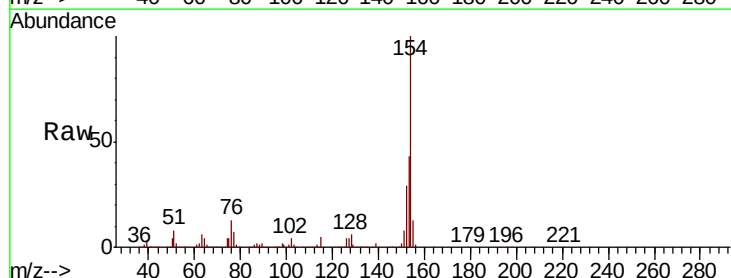
Manual Integrations
APPROVED

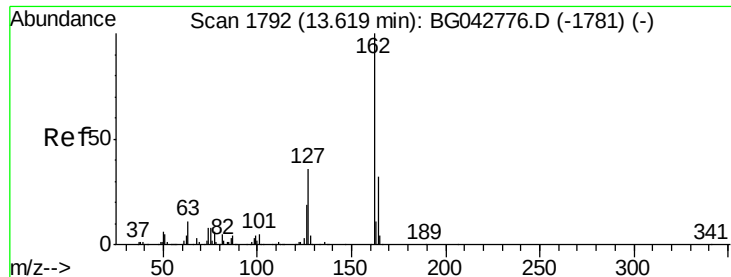
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#46
1,1'-Biphenyl
Concen: 38.046 ng
RT: 13.57 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BG042859.D
Acq: 16 Sep 2019 21:45

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.5	22.6	62.6
76	12.6	0.0	32.2





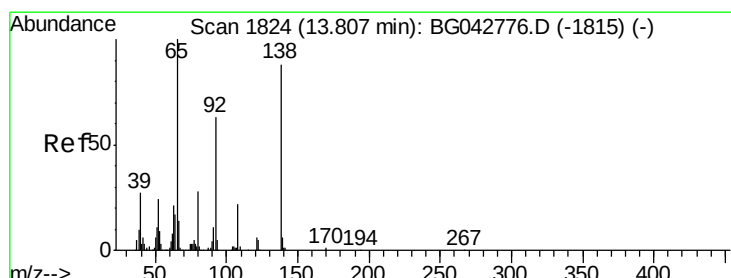
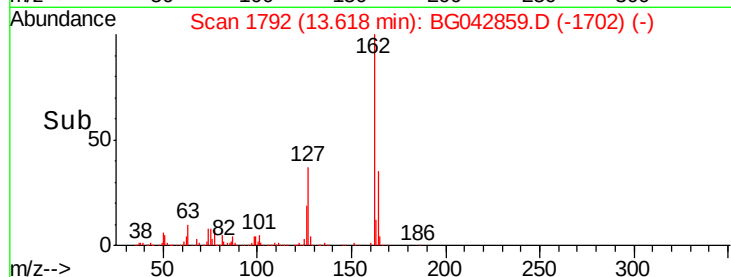
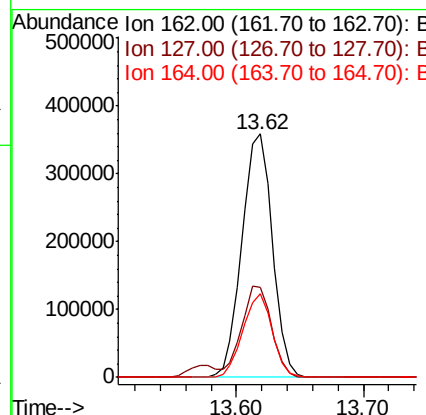
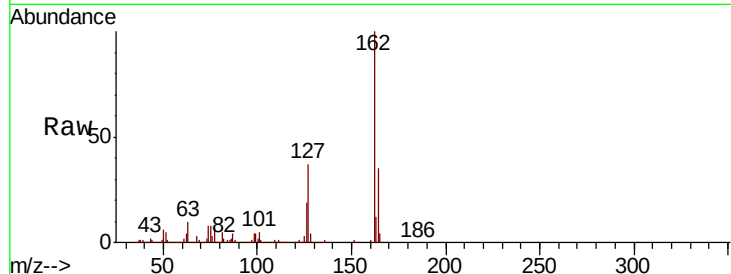
#47
 2-Chloronaphthalene
 Concen: 36.200 ng
 RT: 13.62 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: BG042859.D
 Acq: 16 Sep 2019 21:45

Instrument :
 BNA_G
 ClientSampleId :
 SB-3C-(9-10)MS

Tot Ion:	162	Resp:	596567
Ion Ratio		Lower	Upper
162	100		
127	37.0	29.3	43.9
164	34.6	26.0	39.0

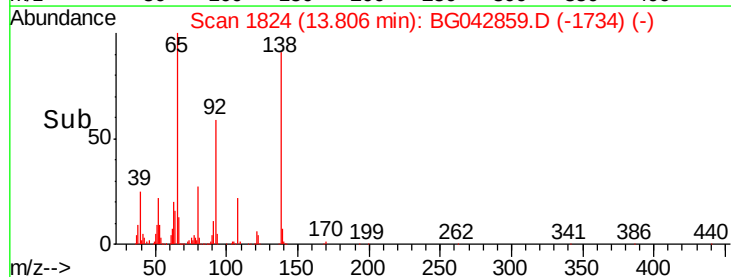
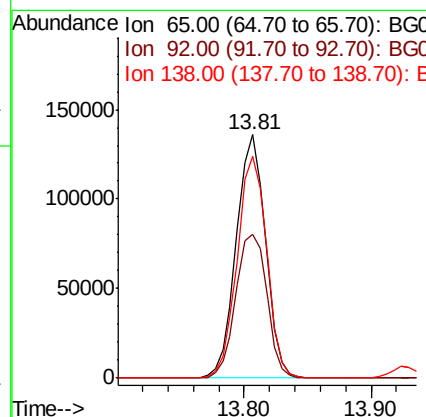
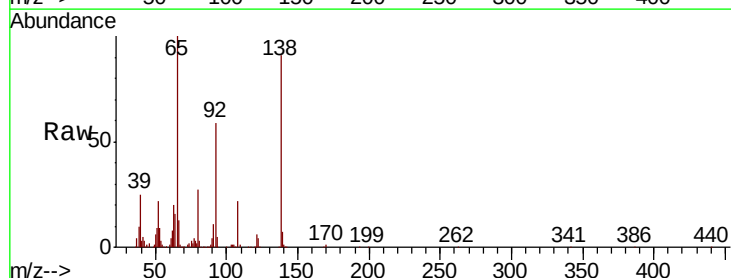
Manual Integrations
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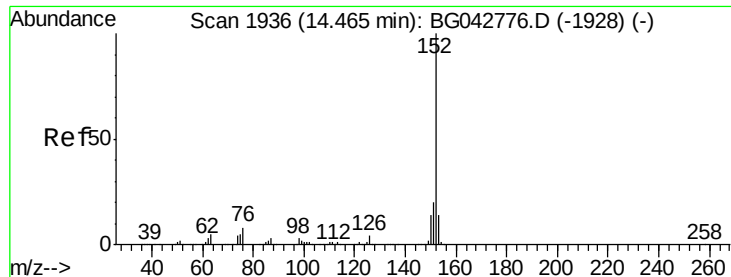
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#48
 2-Nitroaniline
 Concen: 37.864 ng
 RT: 13.81 min Scan# 1824
 Delta R.T. -0.00 min
 Lab File: BG042859.D
 Acq: 16 Sep 2019 21:45

Tgt Ion:	65	Resp:	216461
Ion Ratio		Lower	Upper
65	100		
92	59.0	50.4	75.6
138	91.1	70.6	106.0





#49

Acenaphthylene

Concen: 37.893 ng

RT: 14.46 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BG042859.D

Acq: 16 Sep 2019 21:45

Instrument :

BNA_G

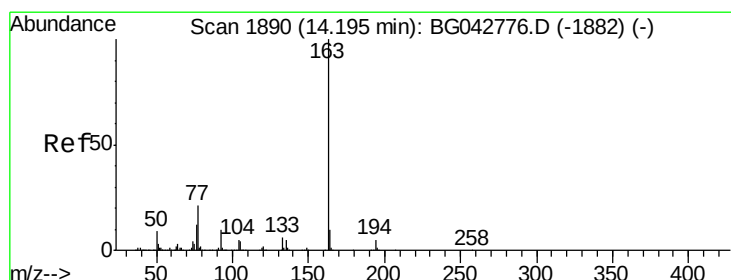
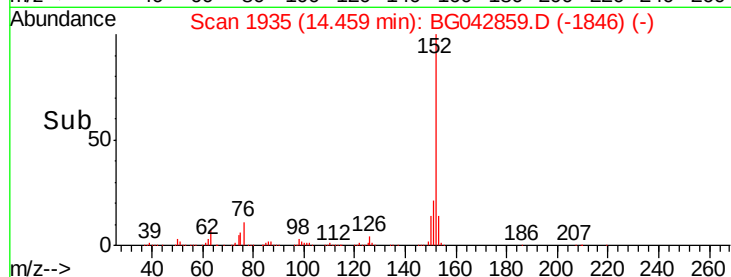
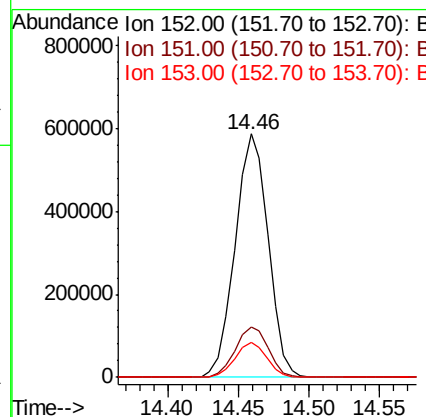
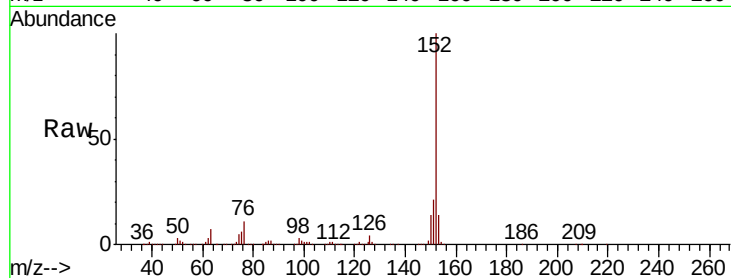
ClientSampleId :

SB-3C-(9-10)MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.0	24.0
153	14.2	11.4	17.0

Manual Integrations
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#50

Dimethylphthalate

Concen: 41.636 ng

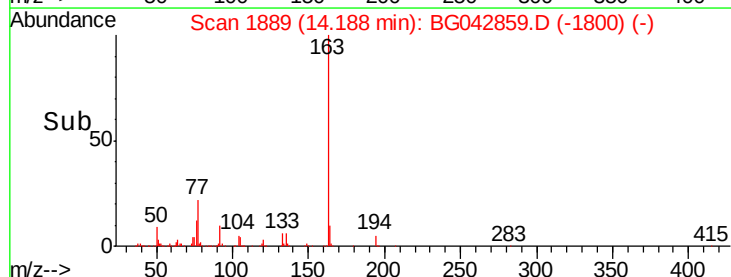
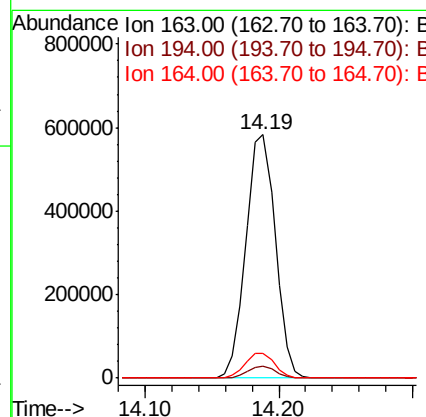
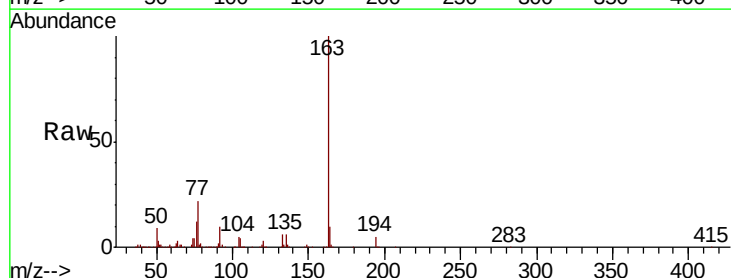
RT: 14.19 min Scan# 1889

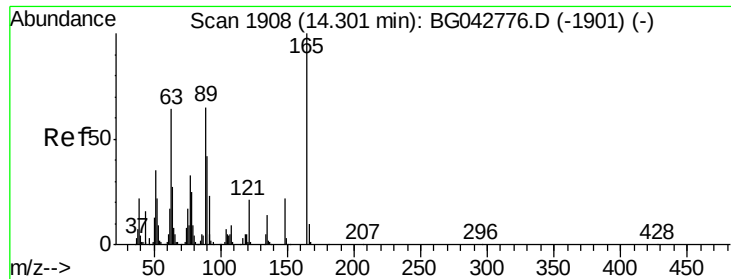
Delta R.T. -0.01 min

Lab File: BG042859.D

Acq: 16 Sep 2019 21:45

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.1	4.2	6.4
164	10.4	8.4	12.6





#51

2,6-Dinitrotoluene

Concen: 39.216 ng

RT: 14.30 min Scan# 1908

Delta R.T. -0.00 min

Lab File: BG042859.D

Acq: 16 Sep 2019 21:45

Instrument :

BNA_G

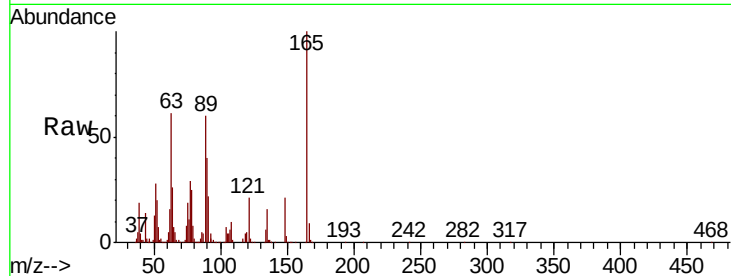
ClientSampleId :

SB-3C-(9-10)MS

Tot Ion:	165	Resp:	171540
Ion Ratio	Lower	Upper	
165	100		
63	61.3	52.1	78.1
89	59.7	51.7	77.5

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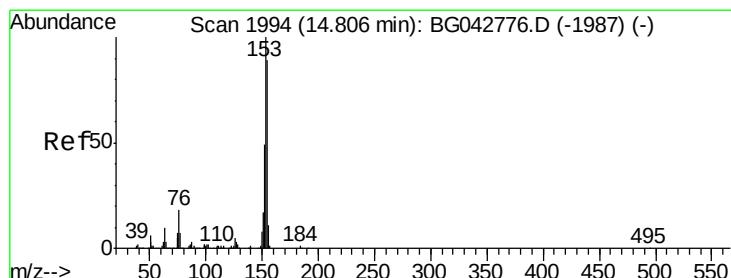
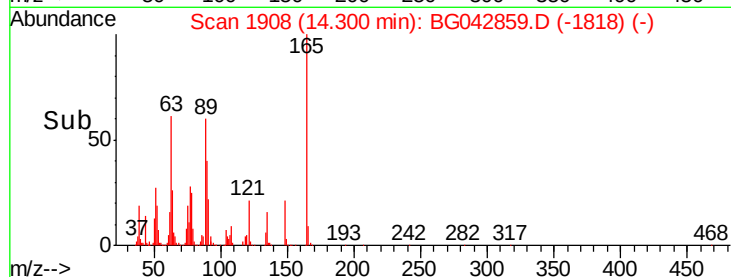
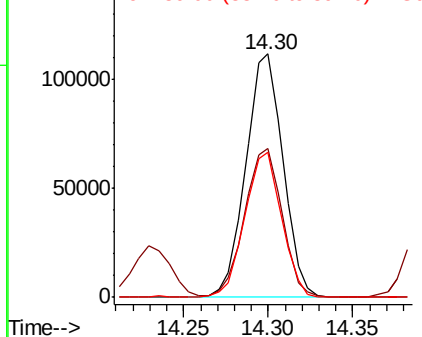
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 38.260 ng

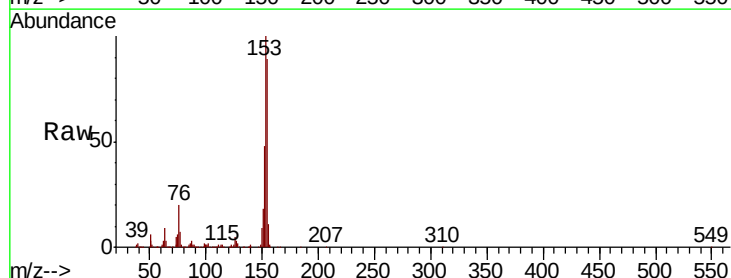
RT: 14.80 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BG042859.D

Acq: 16 Sep 2019 21:45

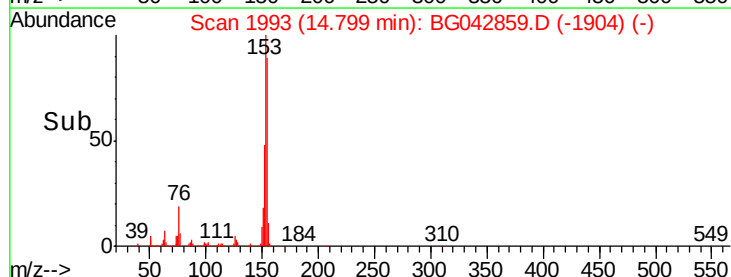
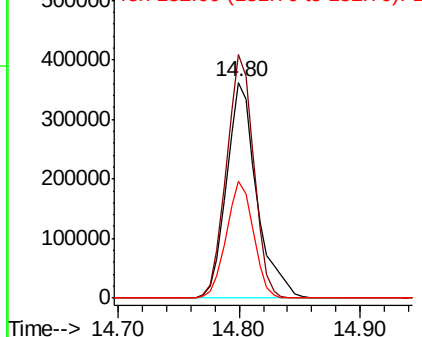
Tgt Ion:	154	Resp:	629482
Ion Ratio	Lower	Upper	
154	100		
153	112.7	89.4	134.2
152	54.3	43.5	65.3

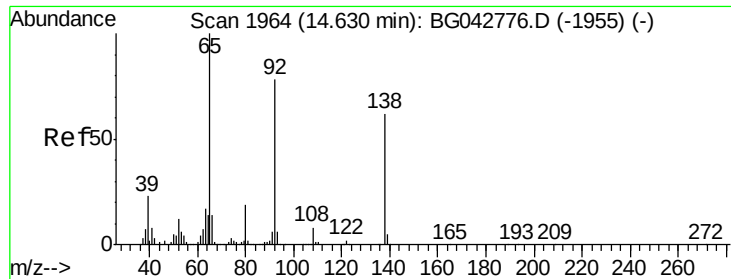


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





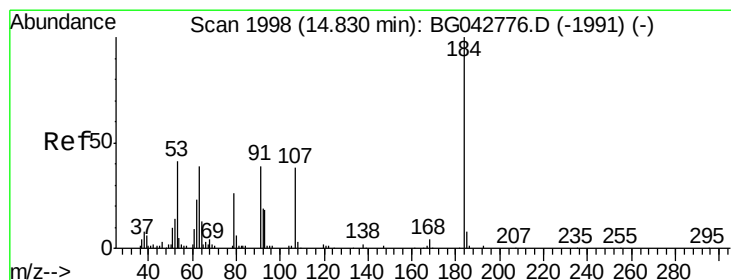
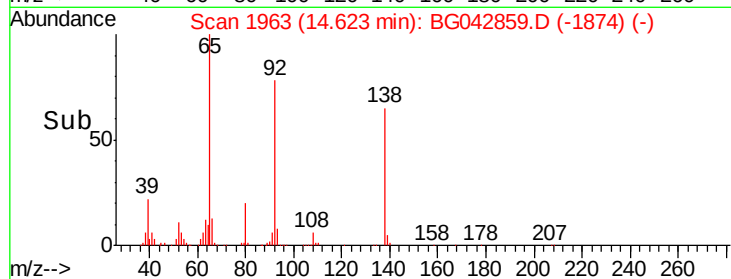
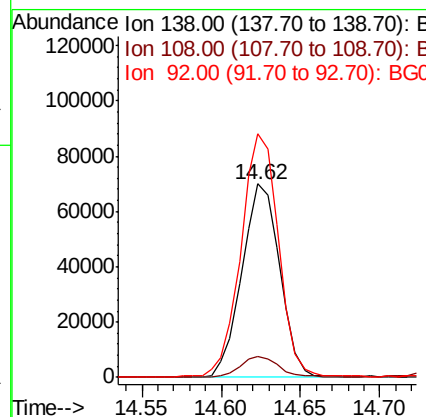
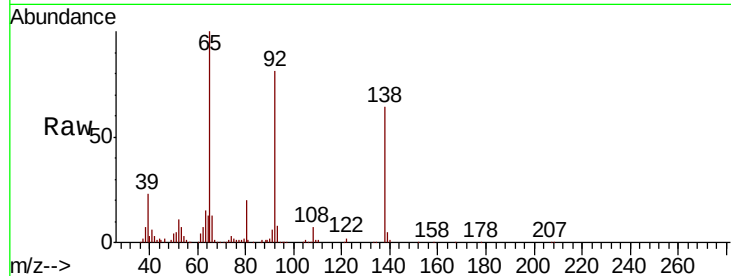
#53
3-Nitroaniline
Concen: 23.631 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BG042859.D
Acq: 16 Sep 2019 21:45

Instrument :
BNA_G
ClientSampleId :
SB-3C-(9-10)MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.1	10.7	16.1
92	126.0	100.5	150.7

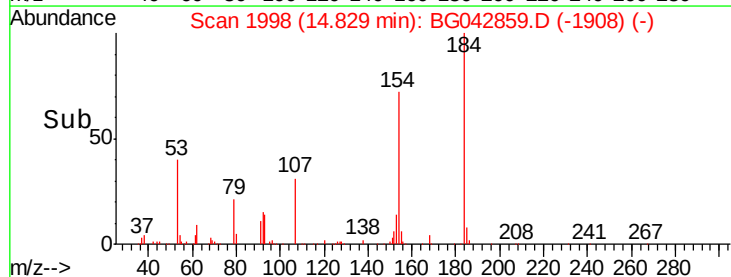
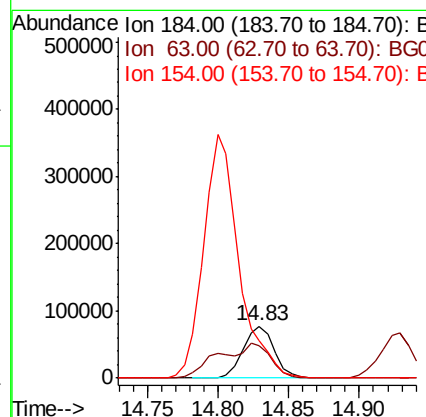
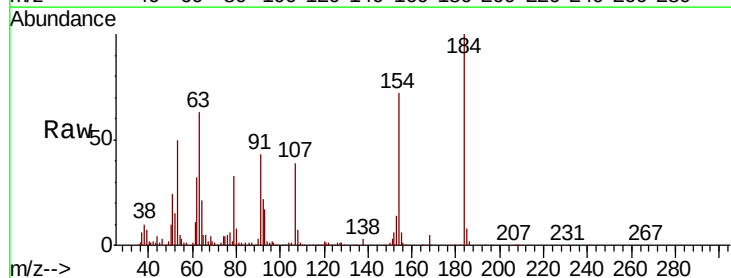
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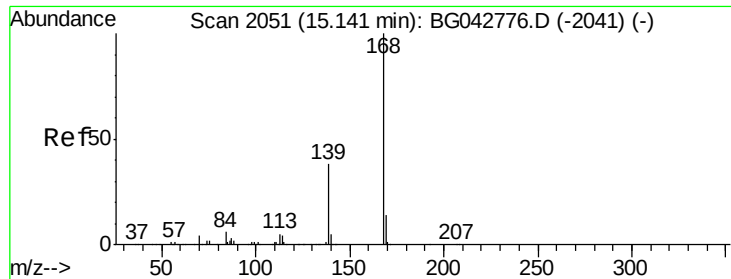
mohammad
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#54
2,4-Dinitrophenol
Concen: 55.321 ng
RT: 14.83 min Scan# 1998
Delta R.T. -0.00 min
Lab File: BG042859.D
Acq: 16 Sep 2019 21:45

Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.3	46.2	69.4
154	71.6	81.3	121.9#





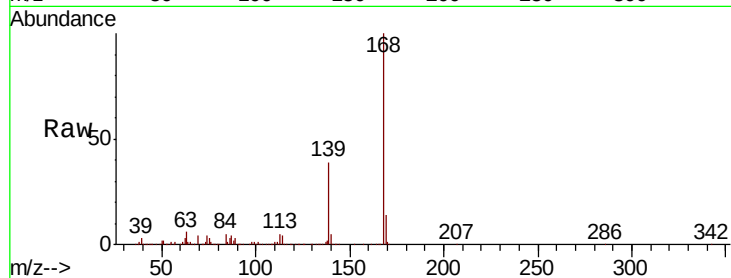
#55
Dibenzofuran
Concen: 37.225 ng
RT: 15.13 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BG042859.D
Acq: 16 Sep 2019 21:45

Instrument :
BNA_G
ClientSampleId :
SB-3C-(9-10)MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.6	30.2	45.4
169	14.4	11.2	16.8

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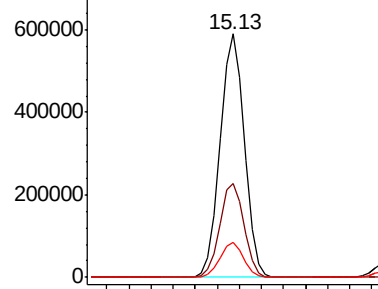


Abundance

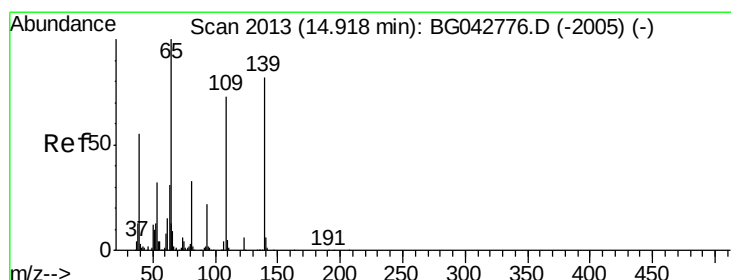
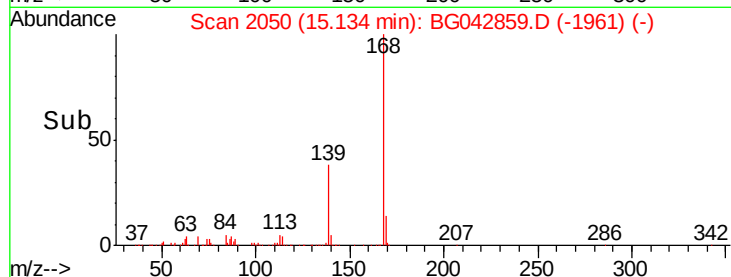
Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

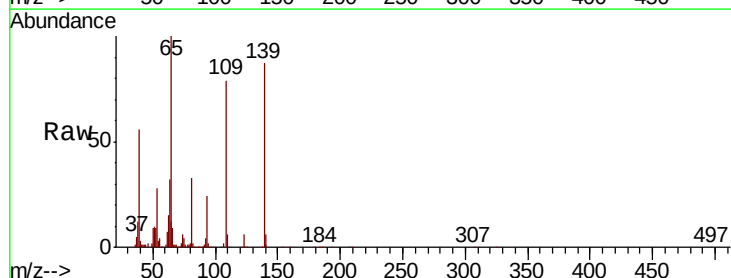


Time-->



#56
4-Nitrophenol
Concen: 79.386 ng
RT: 14.93 min Scan# 2015
Delta R.T. 0.01 min
Lab File: BG042859.D
Acq: 16 Sep 2019 21:45

Tgt Ion	Ratio	Lower	Upper
139	100		
109	90.0	69.4	109.4
65	114.4	102.5	142.5

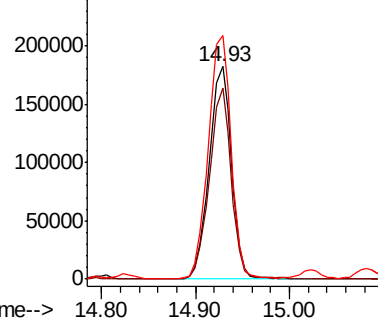


Abundance

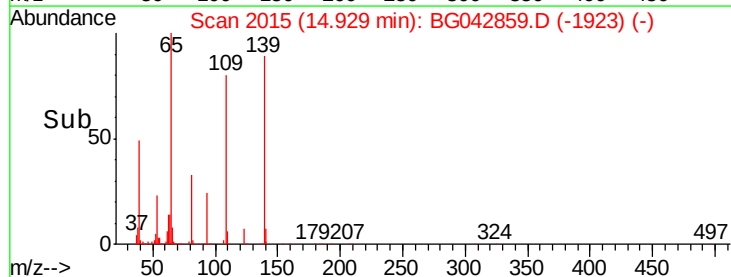
Ion 139.00 (138.70 to 139.70): E

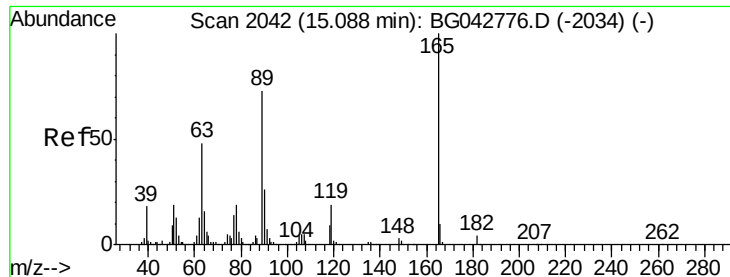
Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



Time-->





#57

2,4-Dinitrotoluene

Concen: 40.587 ng

RT: 15.08 min Scan# 2041

Delta R.T. -0.01 min

Lab File: BG042859.D

Acq: 16 Sep 2019 21:45

Instrument :

BNA_G

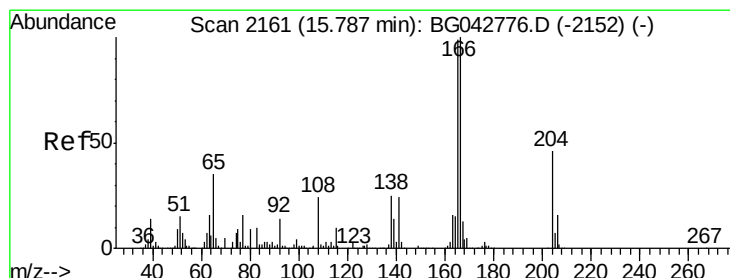
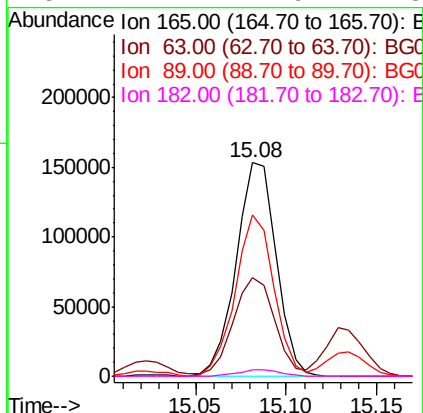
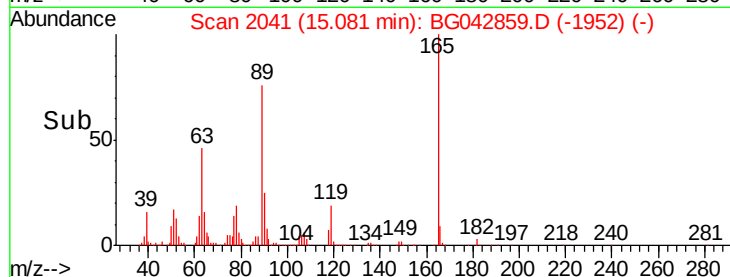
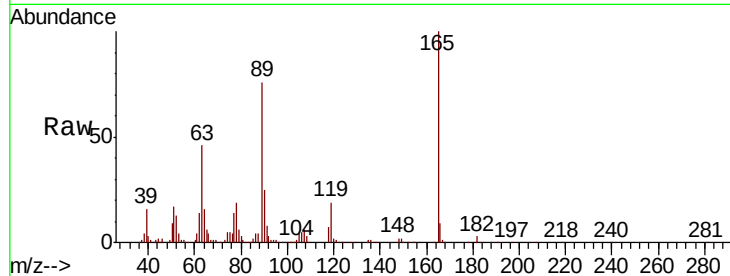
ClientSampleId :

SB-3C-(9-10)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		236640		
63	46.4	38.3	57.5		
89	75.7	58.4	87.6		
182	2.7	2.9	4.3		

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#58

Fluorene

Concen: 36.900 ng

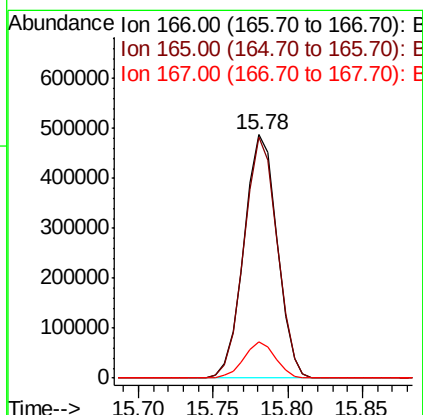
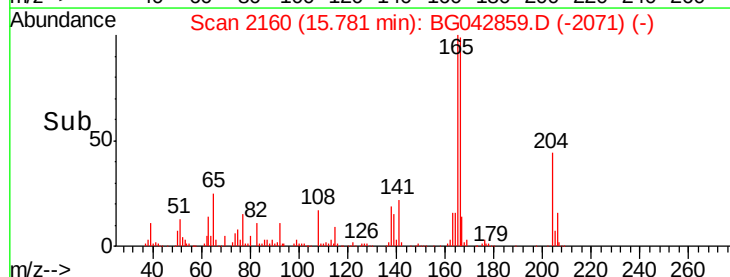
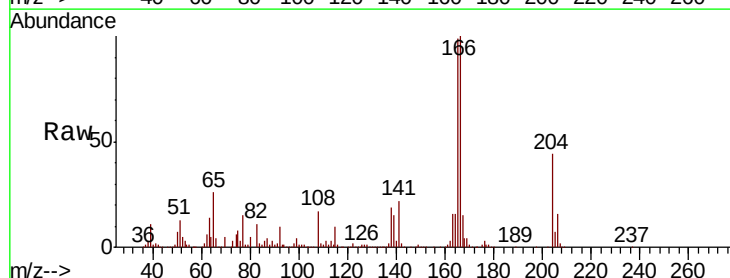
RT: 15.78 min Scan# 2160

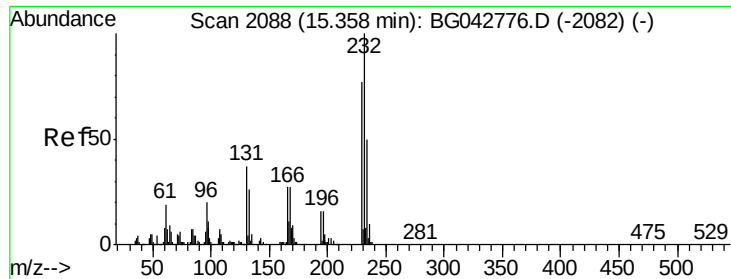
Delta R.T. -0.01 min

Lab File: BG042859.D

Acq: 16 Sep 2019 21:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		747856		
165	99.0	79.1	118.7		
167	14.7	10.7	16.1		





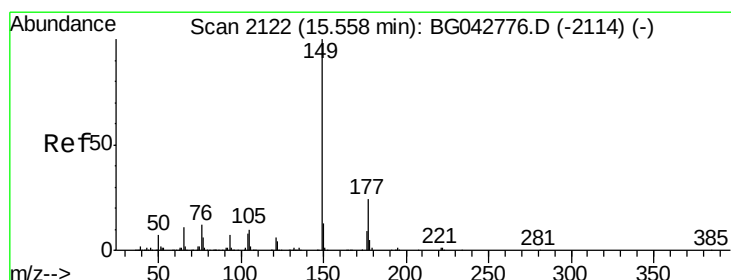
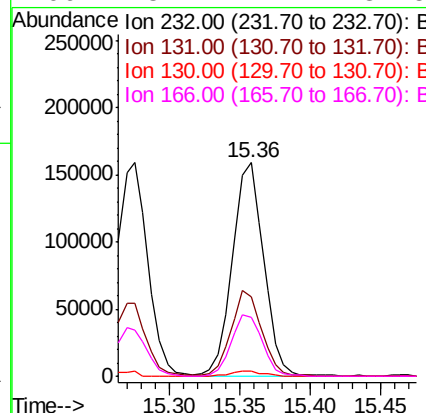
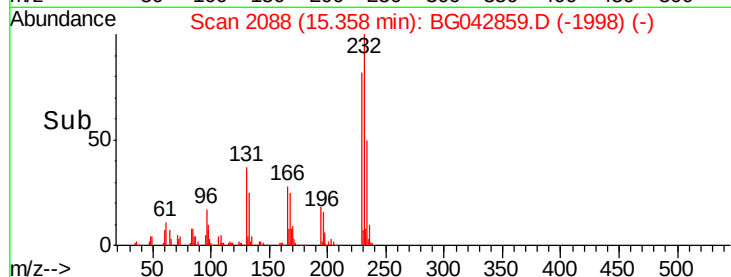
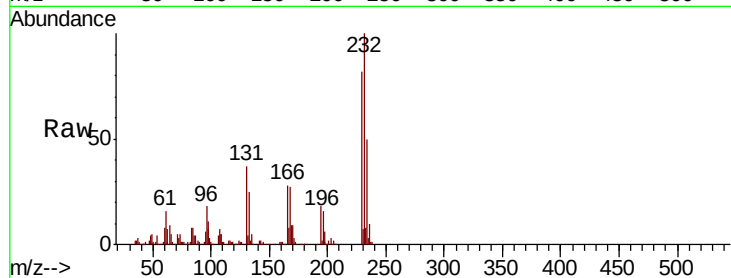
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.660 ng
RT: 15.36 min Scan# 2088
Delta R.T. -0.00 min
Lab File: BG042859.D
Acq: 16 Sep 2019 21:45

Instrument :
BNA_G
ClientSampleId :
SB-3C-(9-10)MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	246535		
131	39.1		31.1	46.7
130	2.5		1.8	2.6
166	28.1		21.7	32.5

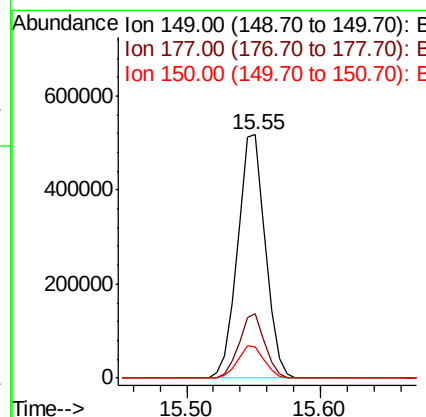
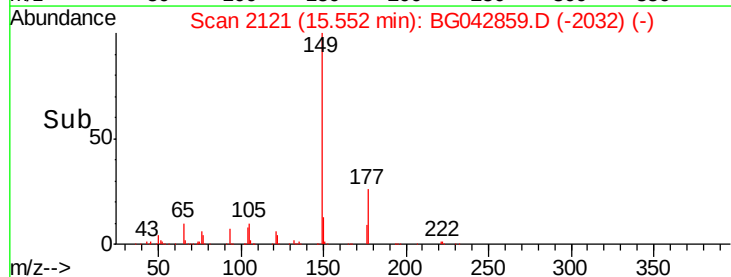
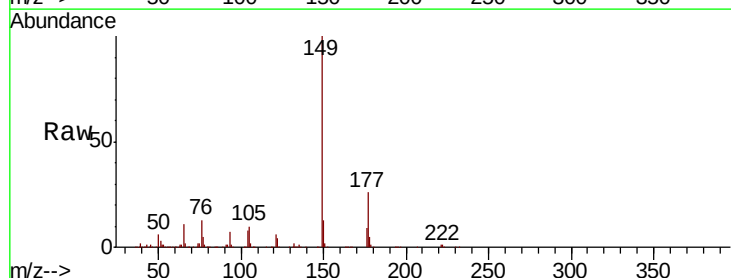
Manual Integrations
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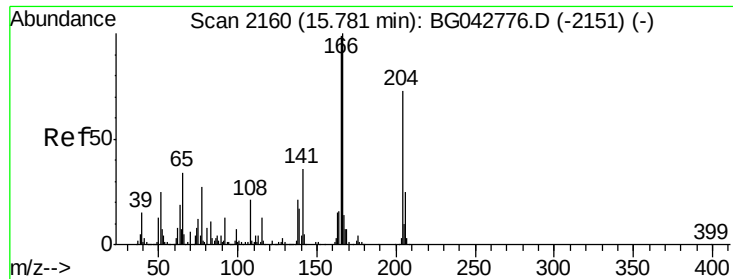
mohammad
9/17/2019 1:26:44 PM



#60
Diethylphthalate
Concen: 34.401 ng
RT: 15.55 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BG042859.D
Acq: 16 Sep 2019 21:45

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	744409		
177	26.3		19.4	29.0
150	12.9		10.2	15.4





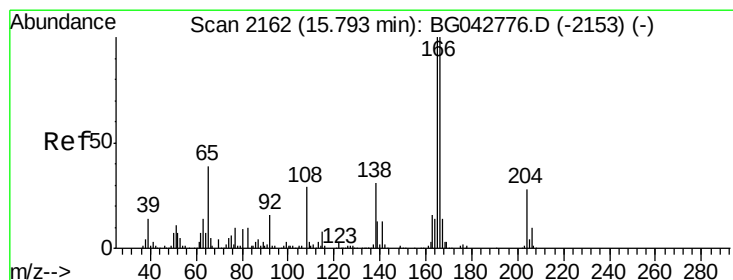
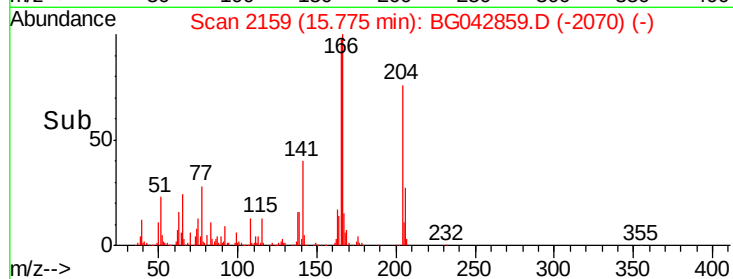
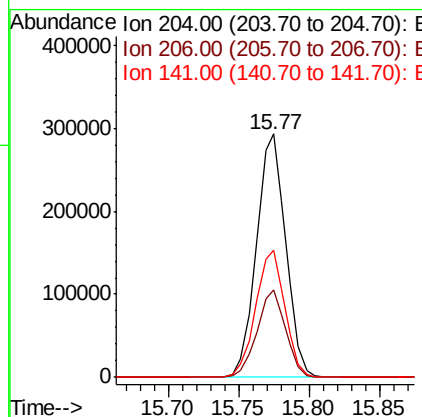
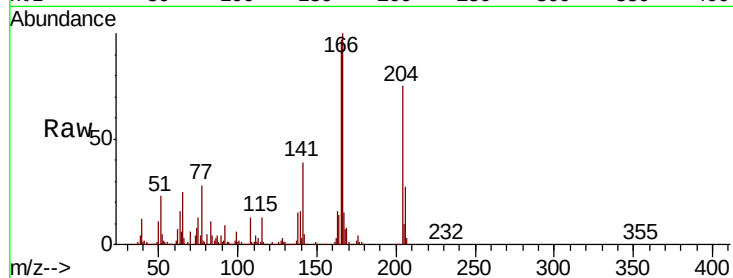
#61
4-Chlorophenyl-phenylether
Concen: 35.581 ng
RT: 15.77 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BG042859.D
Acq: 16 Sep 2019 21:45

Instrument :
BNA_G
ClientSampleId :
SB-3C-(9-10)MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.7	27.6	41.4
141	52.2	39.8	59.6

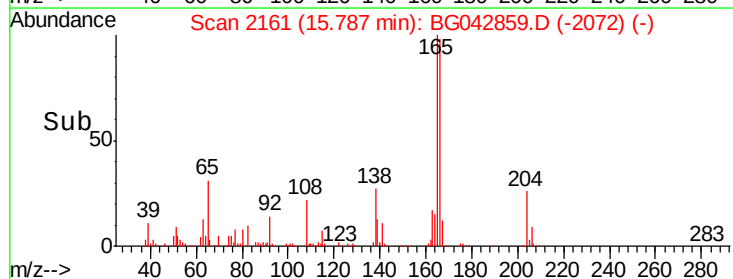
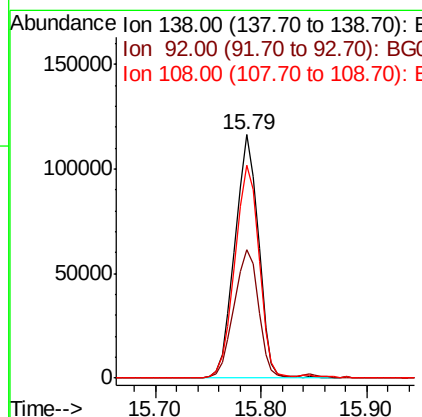
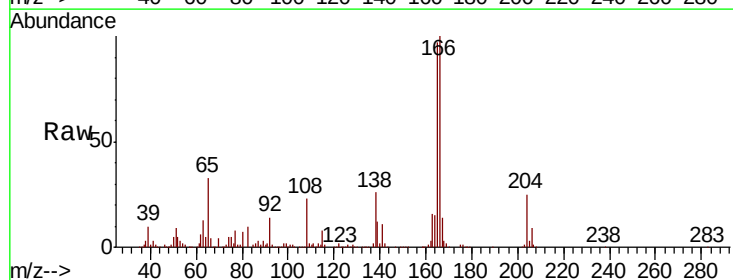
Manual Integrations
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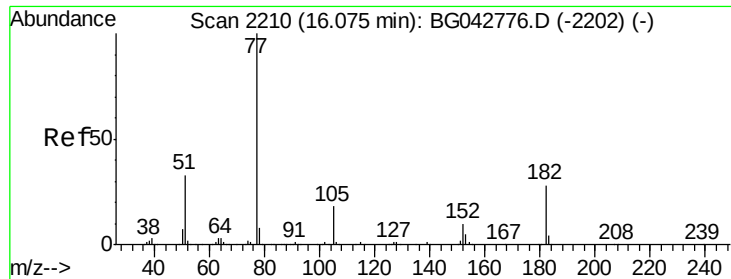
mohammad
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#62
4-Nitroaniline
Concen: 34.082 ng
RT: 15.79 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BG042859.D
Acq: 16 Sep 2019 21:45

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.9	31.4	71.4
108	87.7	74.8	114.8





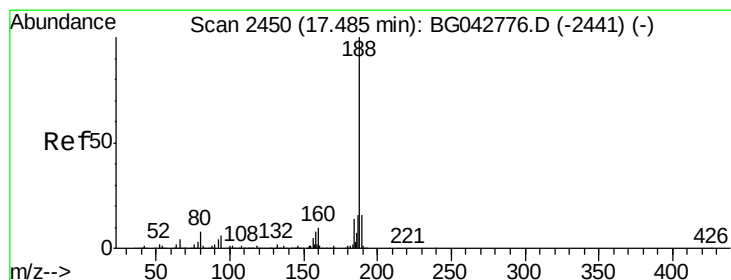
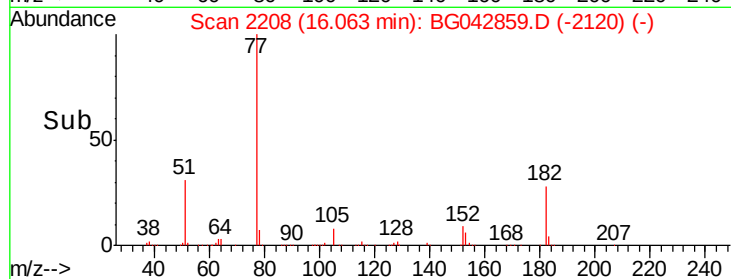
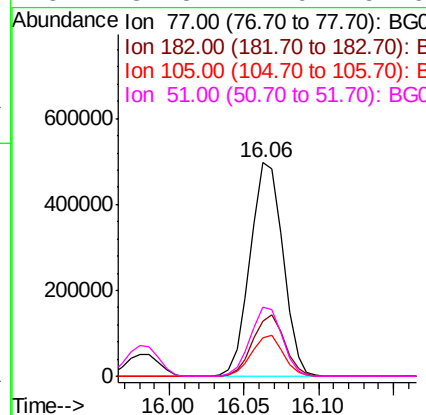
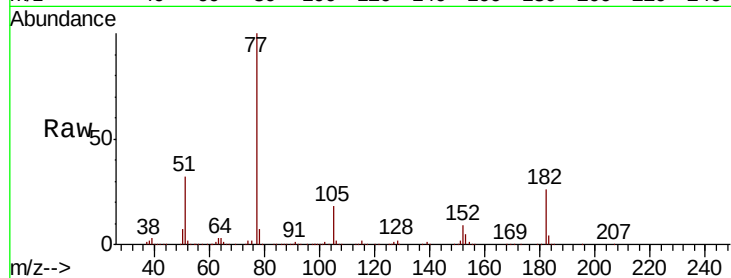
#63
Azobenzene
Concen: 36.276 ng
RT: 16.06 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BG042859.D
Acq: 16 Sep 2019 21:45

Instrument :
BNA_G
ClientSampleId :
SB-3C-(9-10)MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	26.1	8.1	48.1
105	18.1	0.0	38.1
51	32.3	12.9	52.9

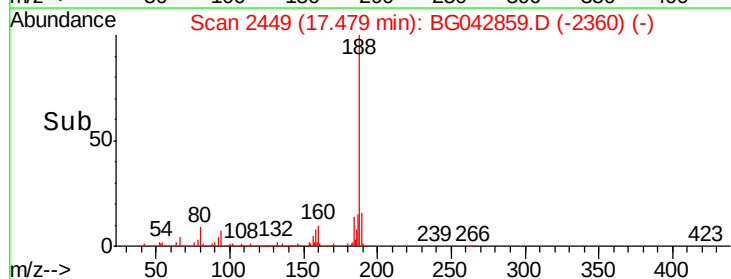
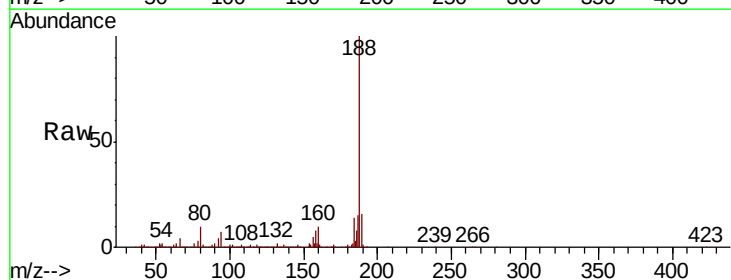
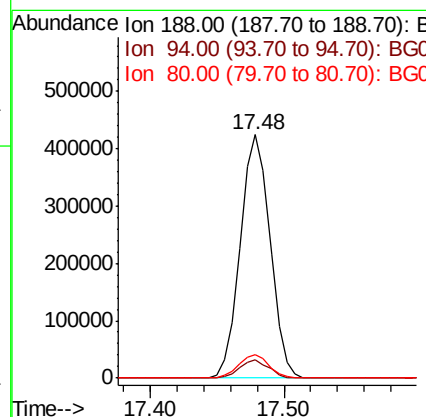
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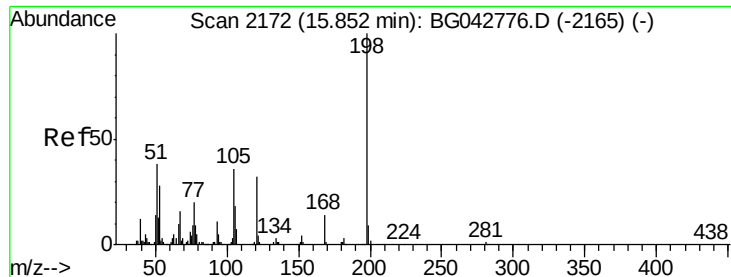
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG042859.D
Acq: 16 Sep 2019 21:45

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.4	4.8	7.2#
80	9.7	6.6	9.8





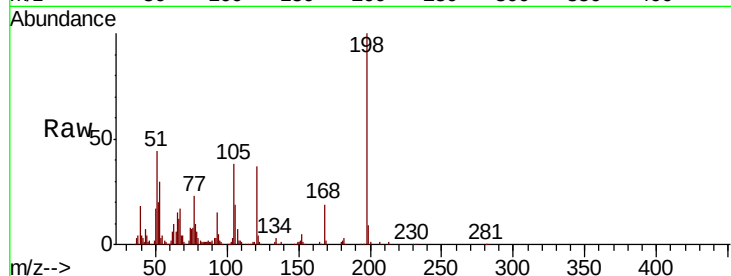
#65
4,6-Dinitro-2-methylphenol
Concen: 36.859 ng
RT: 15.85 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BG042859.D
Acq: 16 Sep 2019 21:45

Instrument :
BNA_G
ClientSampleId :
SB-3C-(9-10)MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	103425		
51	43.5	20.9	60.9	
105	37.9	16.4	56.4	

Manual Integrations
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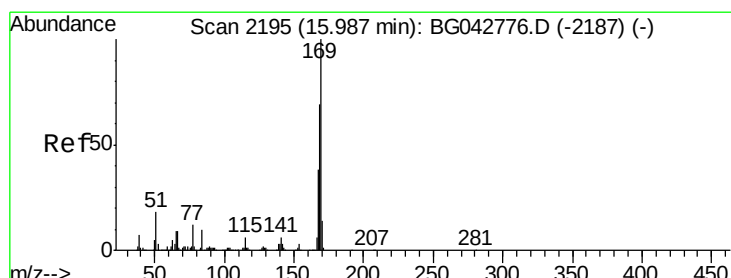
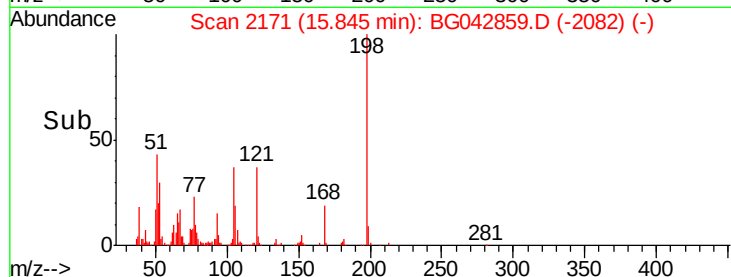
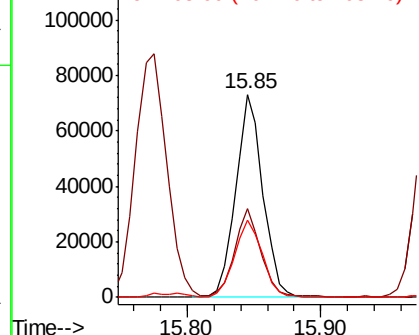


Abundance

Ion 198.00 (197.70 to 198.70): E

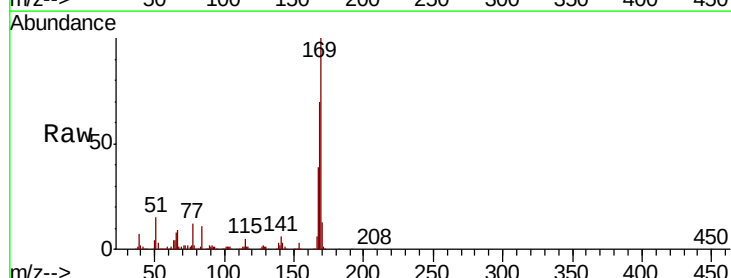
Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66
n-Nitrosodiphenylamine
Concen: 38.185 ng
RT: 15.99 min Scan# 2195
Delta R.T. -0.00 min
Lab File: BG042859.D
Acq: 16 Sep 2019 21:45

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	673831		
168	69.8	55.4	83.2	
167	39.2	30.4	45.6	

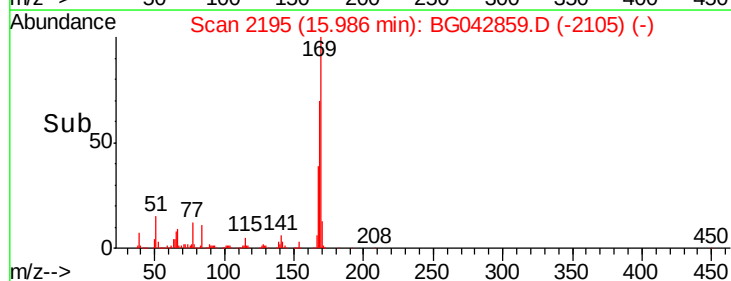
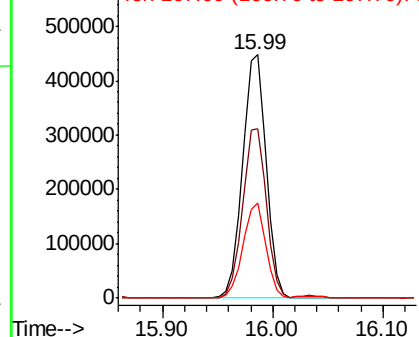


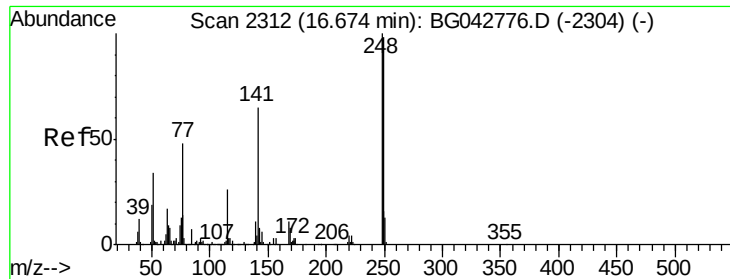
Abundance

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





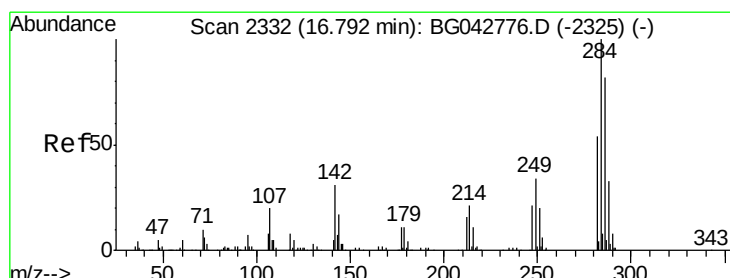
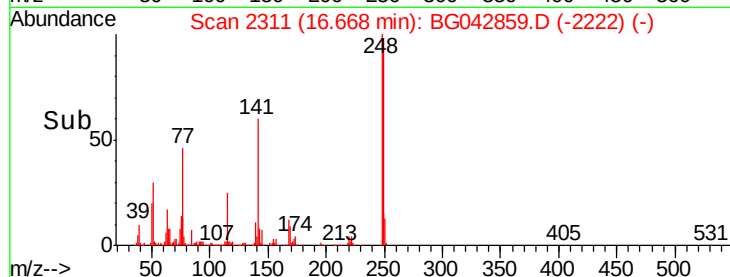
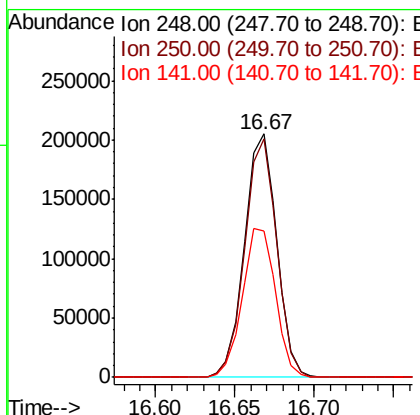
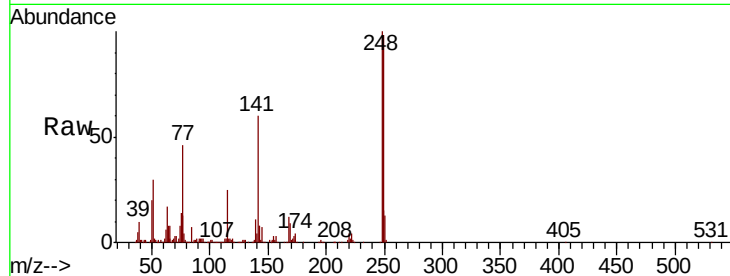
#67
4-Bromophenyl-phenylether
Concen: 36.490 ng
RT: 16.67 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BG042859.D
Acq: 16 Sep 2019 21:45

Instrument :
BNA_G
ClientSampleId :
SB-3C-(9-10)MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.0	78.0	117.0
141	60.1	51.8	77.6

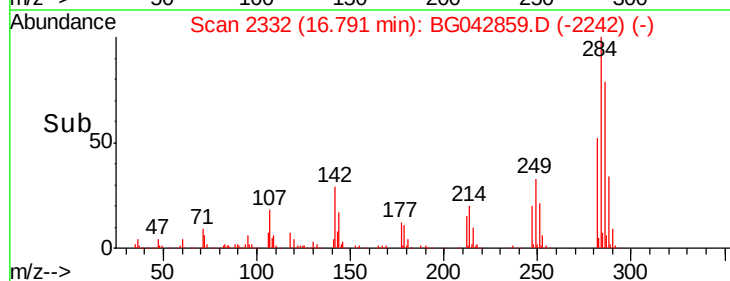
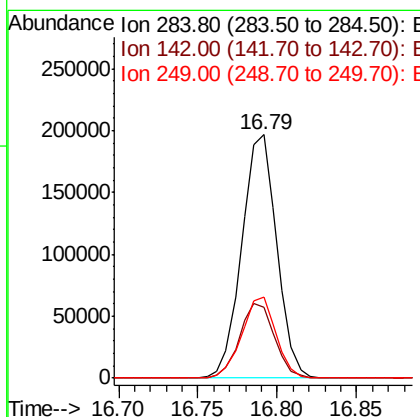
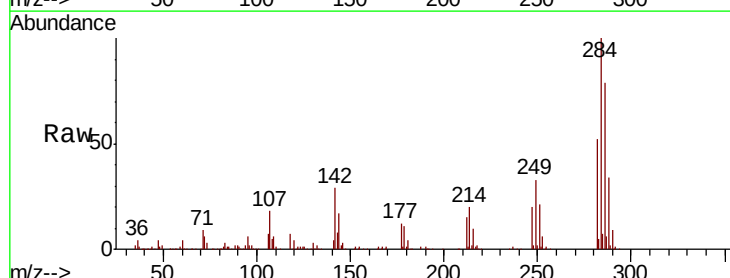
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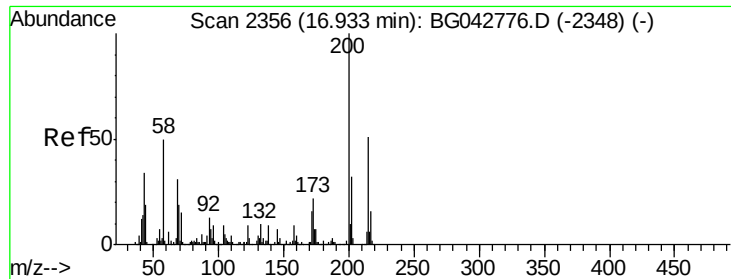
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#68
Hexachlorobenzene
Concen: 35.366 ng
RT: 16.79 min Scan# 2332
Delta R.T. -0.00 min
Lab File: BG042859.D
Acq: 16 Sep 2019 21:45

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.1	24.7	37.1
249	33.1	27.0	40.4





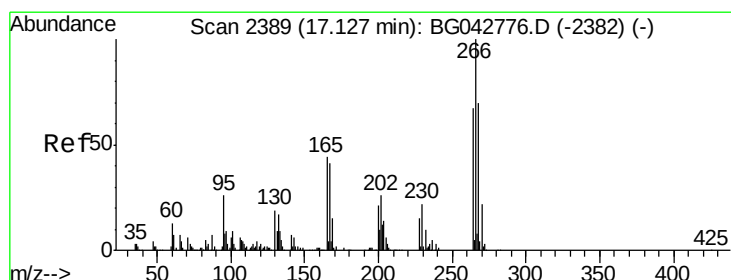
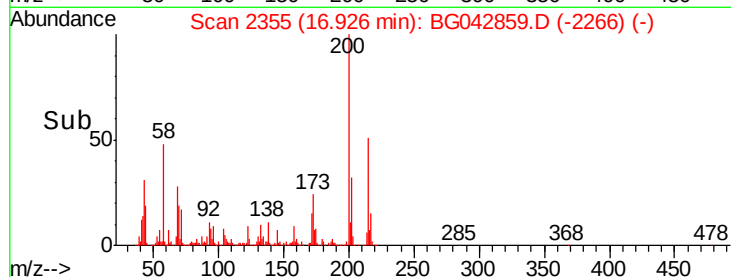
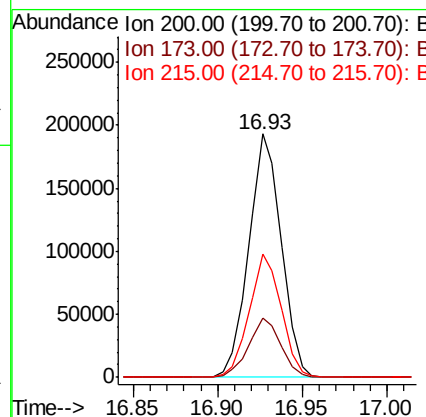
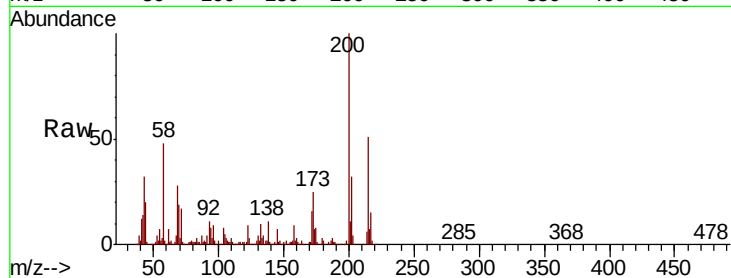
#69
Atrazine
Concen: 42.022 ng
RT: 16.93 min Scan# 2356
Delta R.T. -0.01 min
Lab File: BG042859.D
Acq: 16 Sep 2019 21:45

Instrument :
BNA_G
ClientSampleId :
SB-3C-(9-10)MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.6	2.5	42.5
215	50.8	31.0	71.0

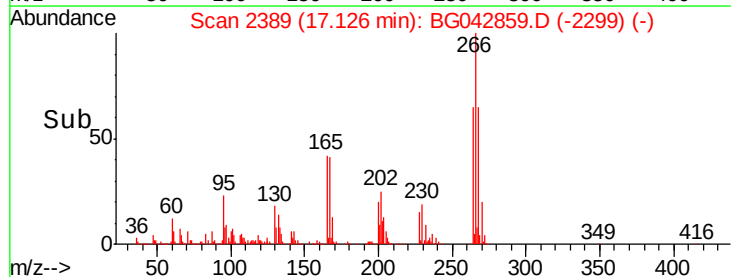
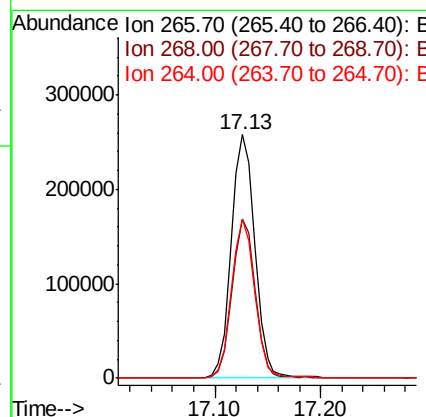
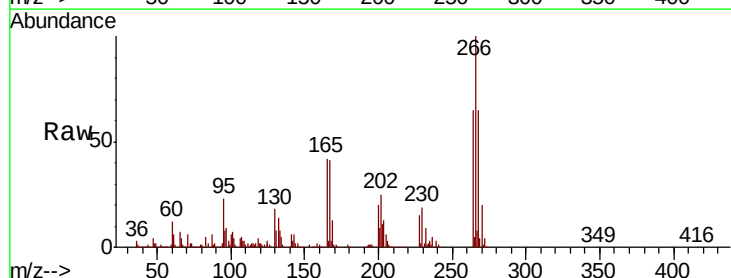
Manual Integrations
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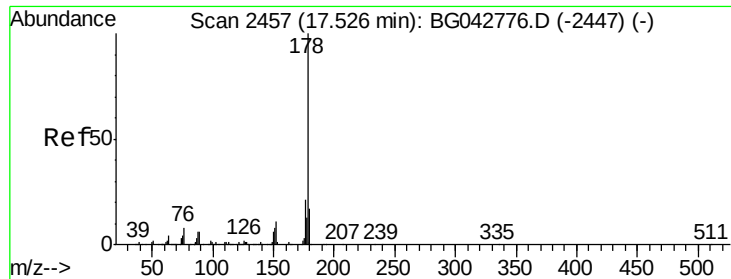
mohammad
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#70
Pentachlorophenol
Concen: 79.080 ng
RT: 17.13 min Scan# 2389
Delta R.T. -0.00 min
Lab File: BG042859.D
Acq: 16 Sep 2019 21:45

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.4	56.2	84.4
264	65.2	53.4	80.2





#71

Phenanthrene

Concen: 37.274 ng

RT: 17.52 min Scan# 2456

Delta R.T. -0.01 min

Lab File: BG042859.D

Acq: 16 Sep 2019 21:45

Instrument :

BNA_G

ClientSampleId :

SB-3C-(9-10)MS

Tot Ion:178 Resp: 1169002

Ion Ratio Lower Upper

178 100

176 21.1 17.0 25.4

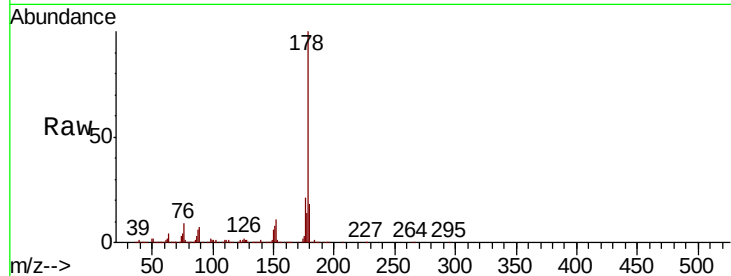
179 18.0 13.6 20.4

Manual Integrations

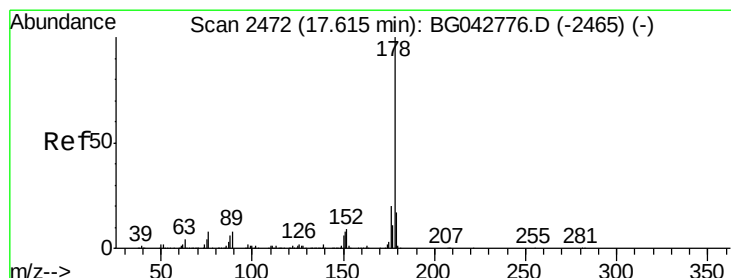
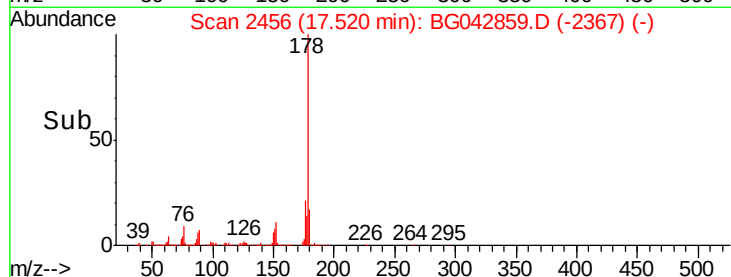
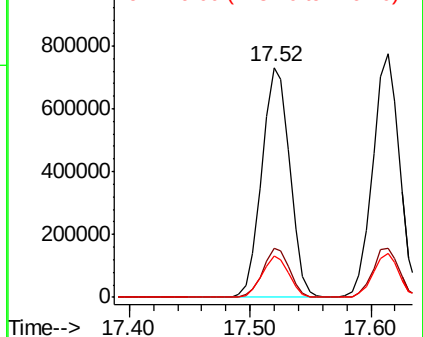
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 37.736 ng

RT: 17.61 min Scan# 2472

Delta R.T. -0.00 min

Lab File: BG042859.D

Acq: 16 Sep 2019 21:45

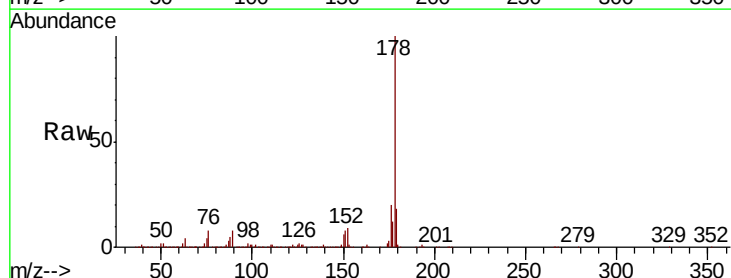
Tgt Ion:178 Resp: 1182366

Ion Ratio Lower Upper

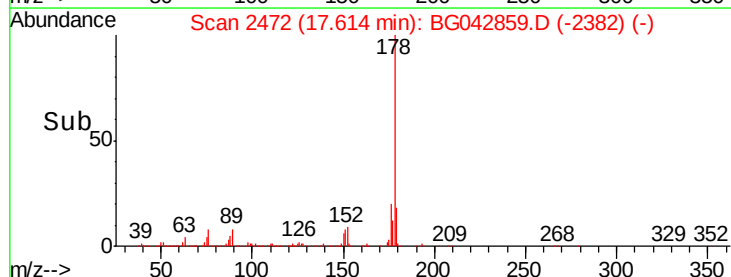
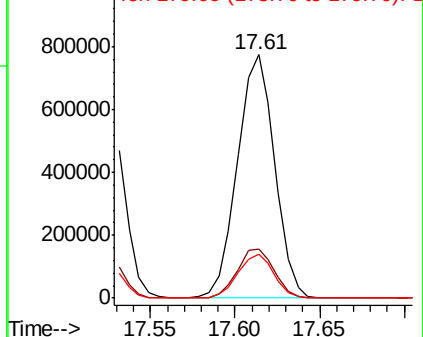
178 100

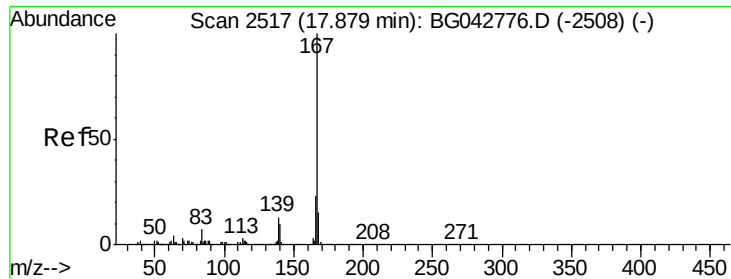
176 20.4 16.2 24.4

179 18.2 13.6 20.4



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





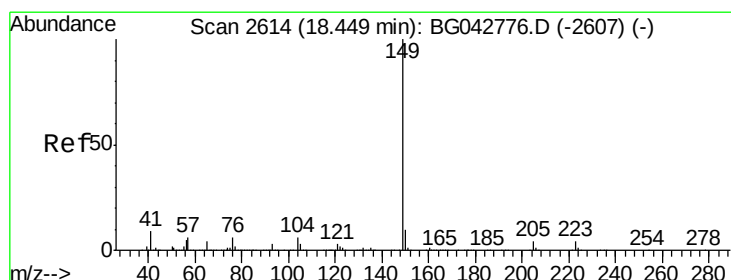
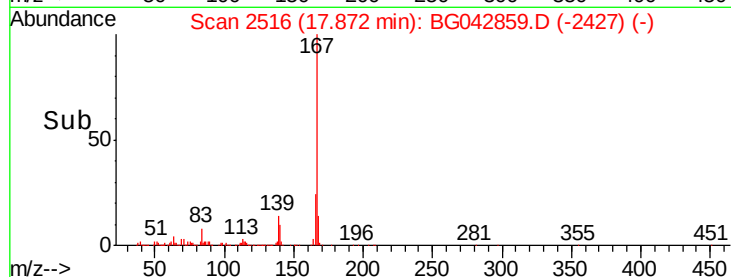
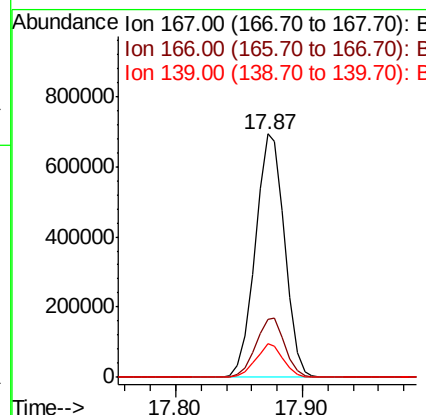
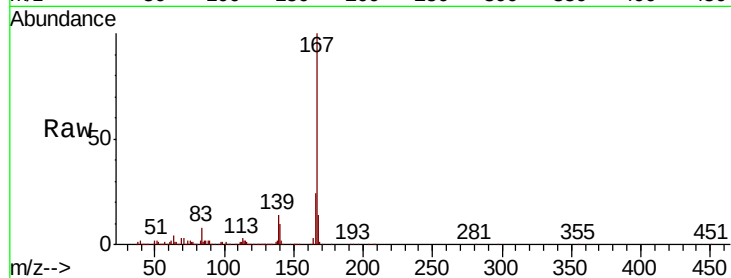
#73
 Carbazole
 Concen: 37.259 ng
 RT: 17.87 min Scan# 2516
 Delta R.T. -0.01 min
 Lab File: BG042859.D
 Acq: 16 Sep 2019 21:45

Instrument :
 BNA_G
 ClientSampleId :
 SB-3C-(9-10)MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.9	18.3	27.5
139	13.7	10.2	15.4

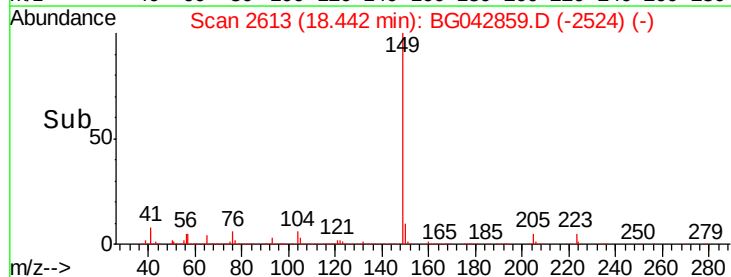
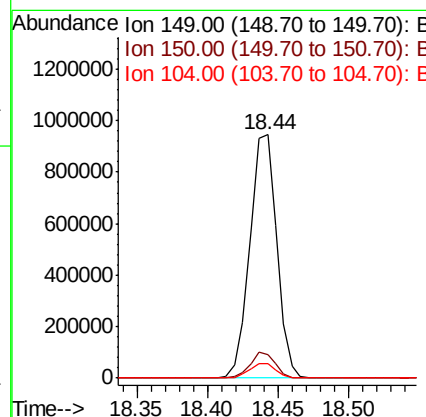
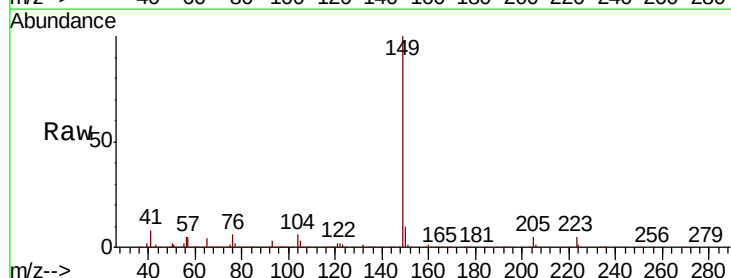
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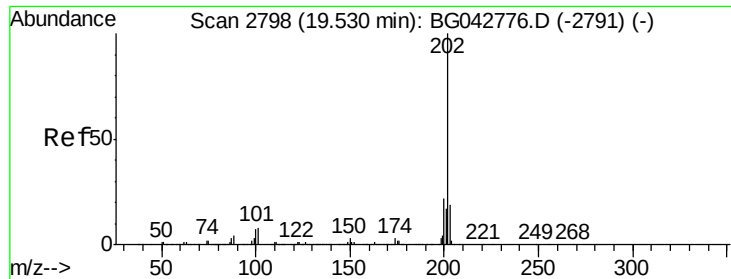
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#74
 Di-n-butylphthalate
 Concen: 35.548 ng
 RT: 18.44 min Scan# 2613
 Delta R.T. -0.01 min
 Lab File: BG042859.D
 Acq: 16 Sep 2019 21:45

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	8.0	12.0
104	6.1	5.1	7.7





#75

Fluoranthene

Concen: 36.410 ng

RT: 19.52 min Scan# 2797

Delta R.T. -0.01 min

Lab File: BG042859.D

Acq: 16 Sep 2019 21:45

Instrument :

BNA_G

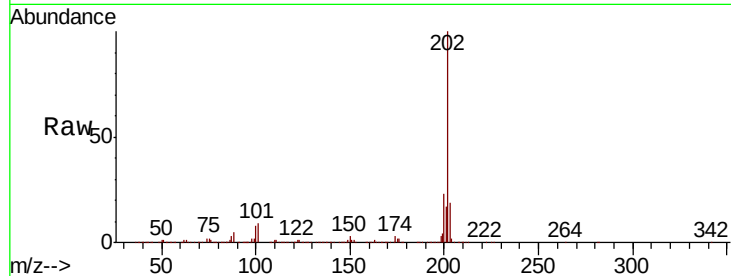
ClientSampleId :

SB-3C-(9-10)MS

Tot Ion:	202	Resp:	1479944
Ion	Ratio	Lower	Upper
202	100		
101	9.0	0.0	27.8
203	19.4	0.0	39.1

Manual Integrations
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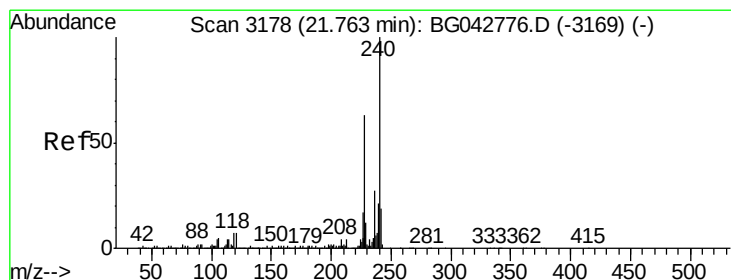
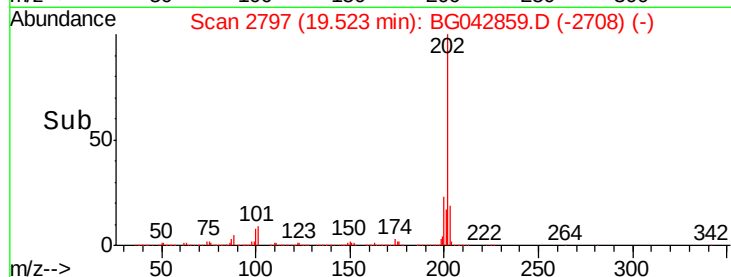
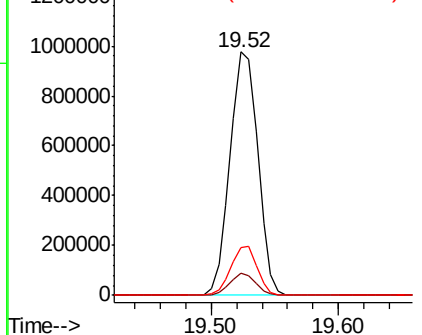


Abundance

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: 21.76 min Scan# 3178

Delta R.T. -0.00 min

Lab File: BG042859.D

Acq: 16 Sep 2019 21:45

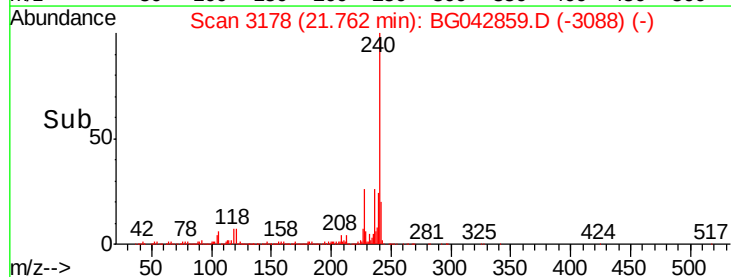
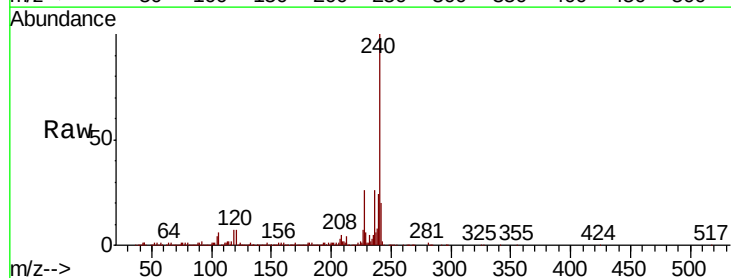
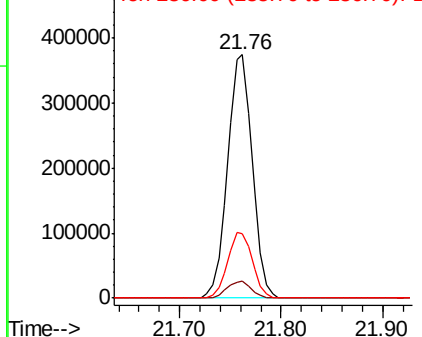
Tgt Ion:	240	Resp:	629926
Ion	Ratio	Lower	Upper
240	100		
120	6.9	5.4	8.2
236	26.5	21.7	32.5

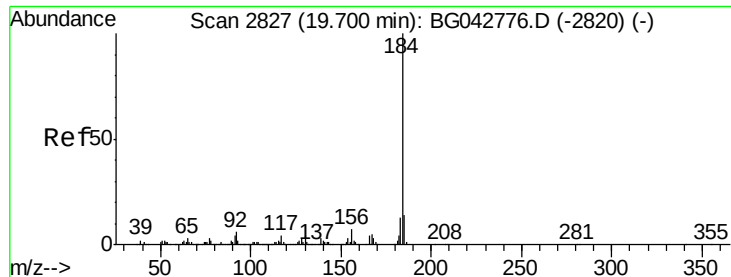
Abundance

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: 31.129 ng

RT: 19.69 min Scan# 2826

Delta R.T. -0.01 min

Lab File: BG042859.D

Acq: 16 Sep 2019 21:45

Instrument :

BNA_G

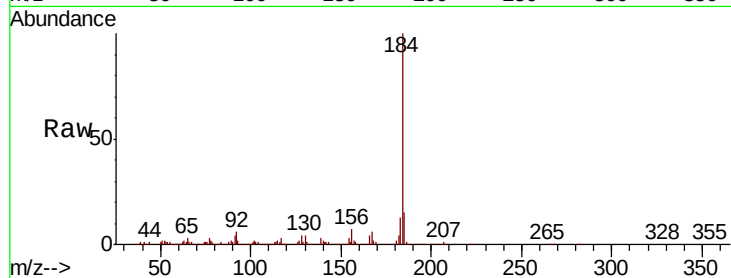
ClientSampleId :

SB-3C-(9-10)MS

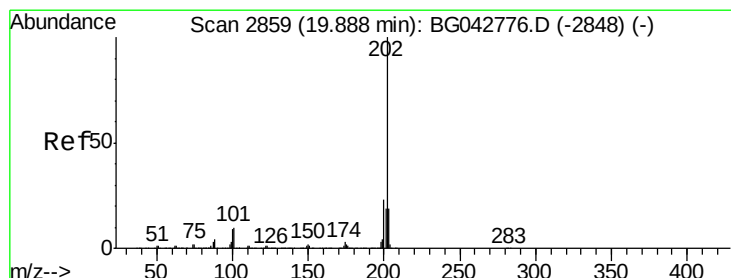
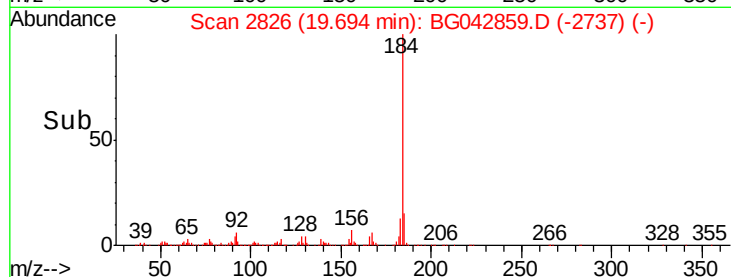
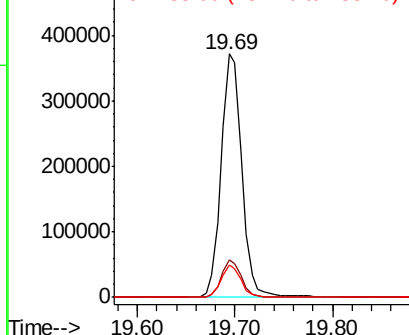
Tot Ion:	184	Resp:	547855
Ion Ratio	Lower	Upper	
184	100		
185	15.2	11.6	17.4
183	13.2	10.4	15.6

Manual Integrations
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.593 ng

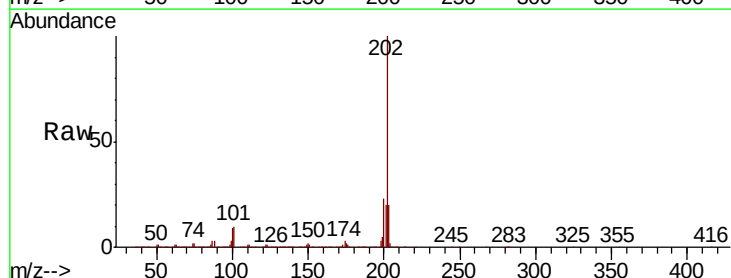
RT: 19.89 min Scan# 2859

Delta R.T. -0.00 min

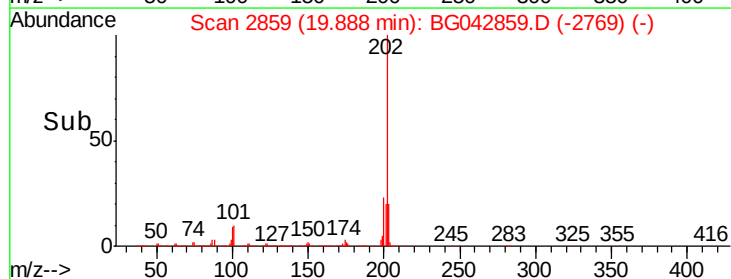
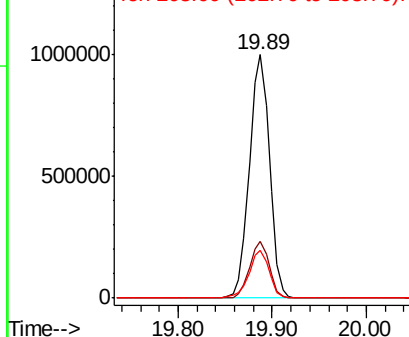
Lab File: BG042859.D

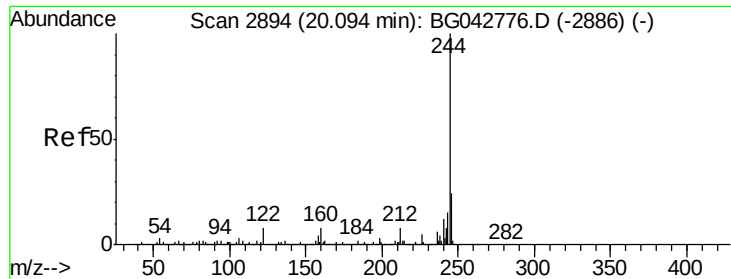
Acq: 16 Sep 2019 21:45

Tgt Ion:	202	Resp:	1482580
Ion Ratio	Lower	Upper	
202	100		
200	23.5	18.5	27.7
203	19.6	15.3	22.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 62.135 ng

RT: 20.08 min Scan# 2892

Delta R.T. -0.01 min

Lab File: BG042859.D

Acq: 16 Sep 2019 21:45

Instrument :

BNA_G

ClientSampleId :

SB-3C-(9-10)MS

Tot Ion:244 Resp: 1766044

Ion Ratio Lower Upper

244 100

212 8.2 6.6 10.0

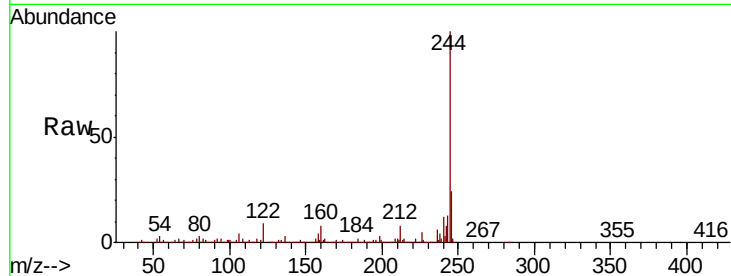
122 8.5 6.2 9.4

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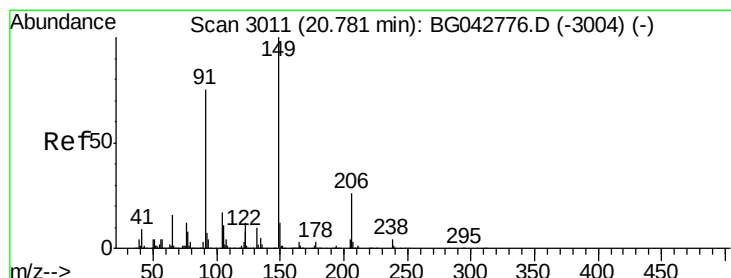
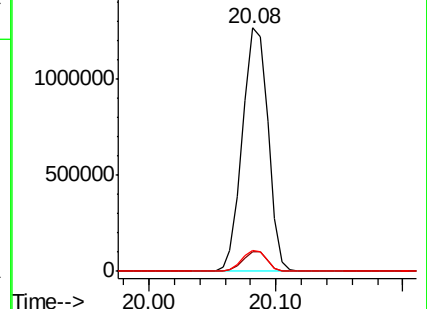
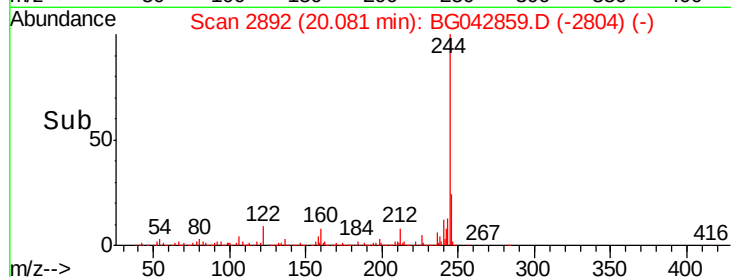
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 36.889 ng

RT: 20.77 min Scan# 3010

Delta R.T. -0.01 min

Lab File: BG042859.D

Acq: 16 Sep 2019 21:45

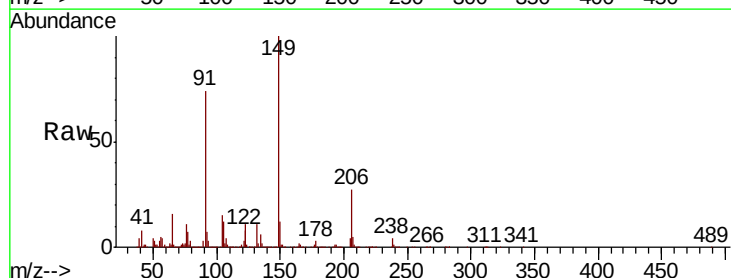
Tgt Ion:149 Resp: 588781

Ion Ratio Lower Upper

149 100

91 73.7 60.2 90.2

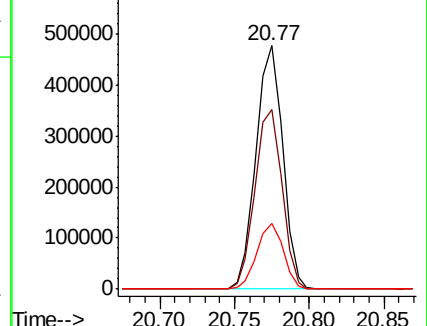
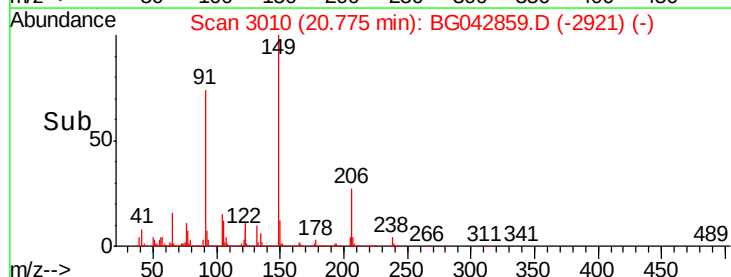
206 26.8 20.6 30.8

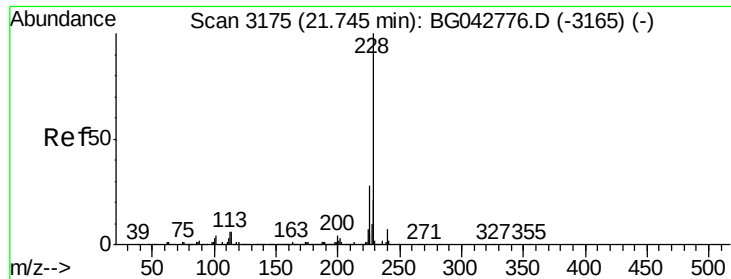


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 36.298 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.01 min

Lab File: BG042859.D

Acq: 16 Sep 2019 21:45

Instrument :

BNA_G

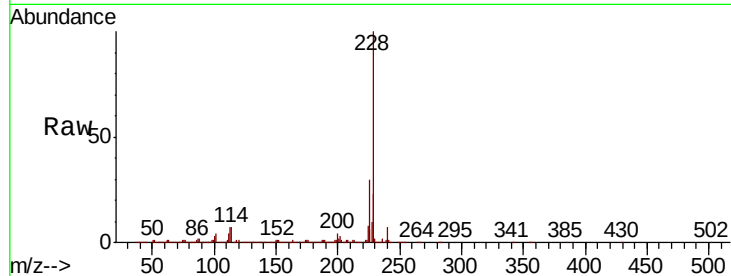
ClientSampleId :

SB-3C-(9-10)MS

Tot Ion:	228	Resp:	1453781
Ion	Ratio	Lower	Upper
228	100		
226	30.5	22.5	33.7
229	22.6	17.2	25.8

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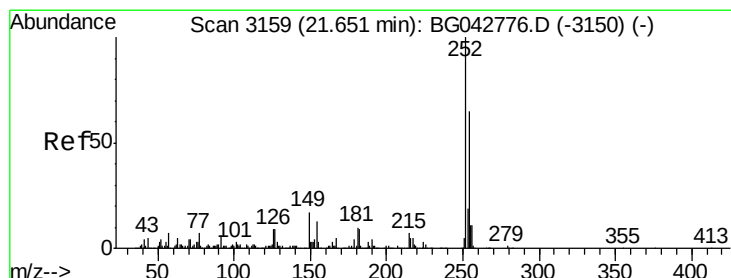
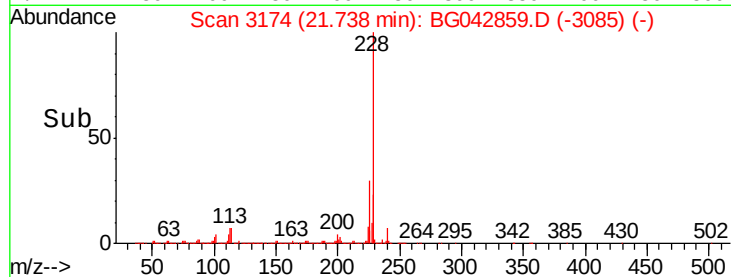
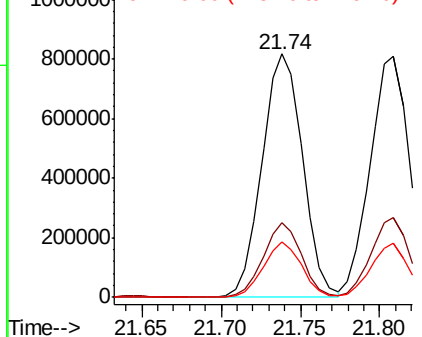


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 24.983 ng

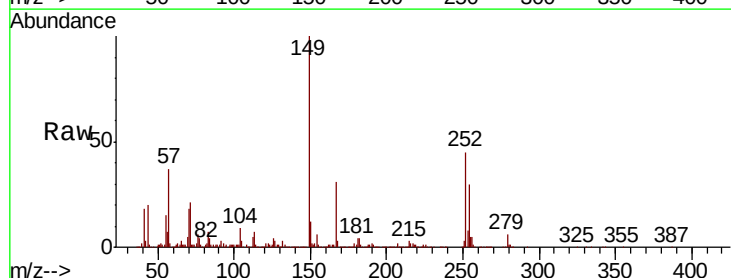
RT: 21.65 min Scan# 3159

Delta R.T. -0.00 min

Lab File: BG042859.D

Acq: 16 Sep 2019 21:45

Tgt Ion:	252	Resp:	388857
Ion	Ratio	Lower	Upper
252	100		
254	66.1	52.2	78.2
126	8.0	7.0	10.4

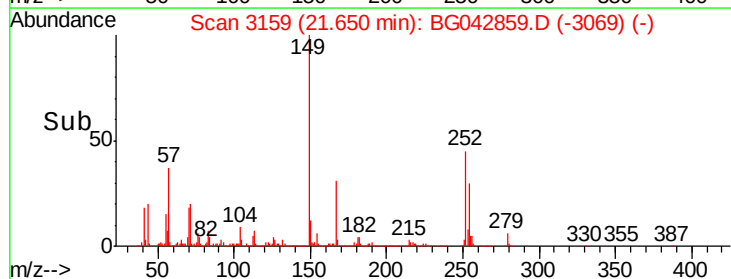
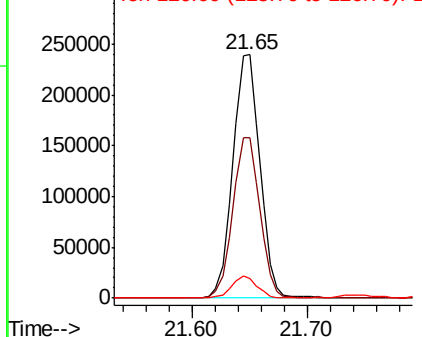


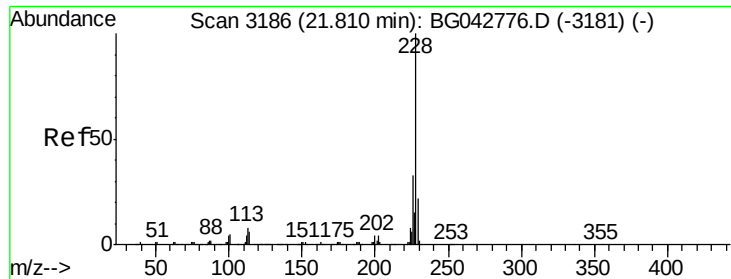
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





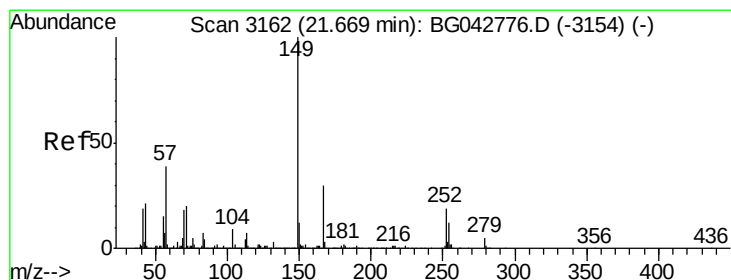
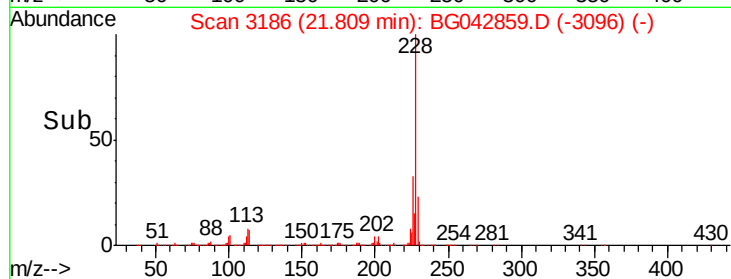
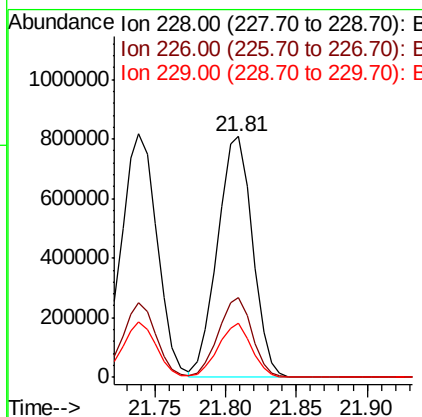
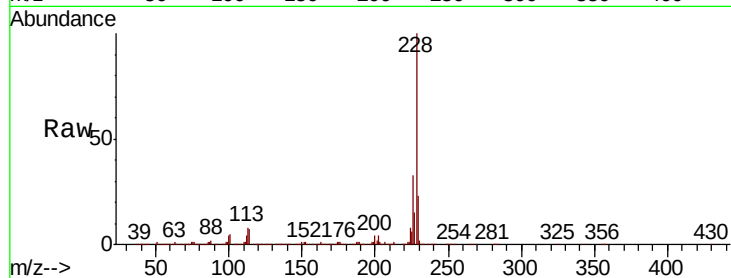
#83
Chrysene
Concen: 36.764 ng
RT: 21.81 min Scan# 3186
Delta R.T. -0.00 min
Lab File: BG042859.D
Acq: 16 Sep 2019 21:45

Instrument :
BNA_G
ClientSampleId :
SB-3C-(9-10)MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.0	26.0	39.0
229	22.7	17.1	25.7

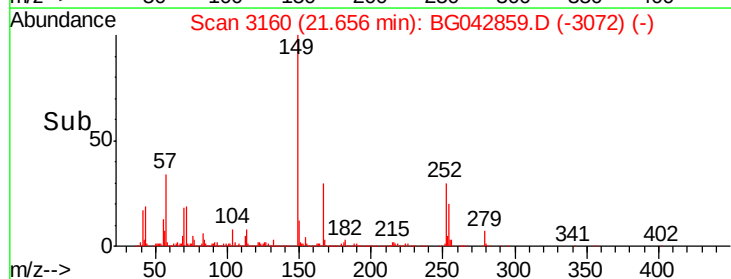
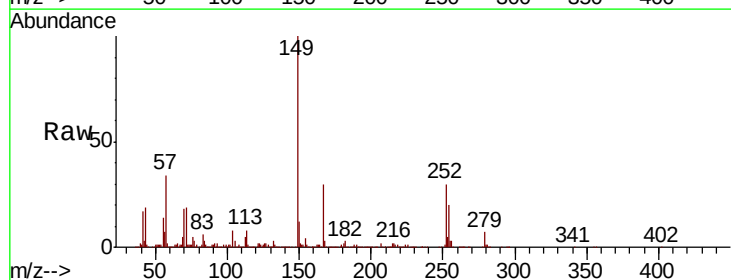
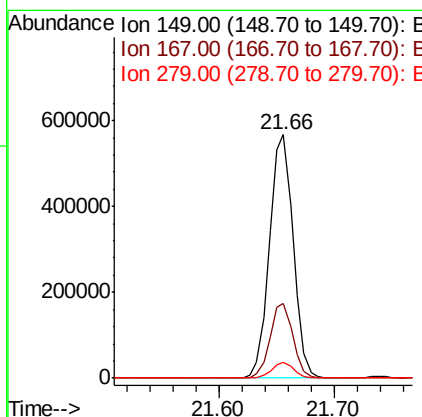
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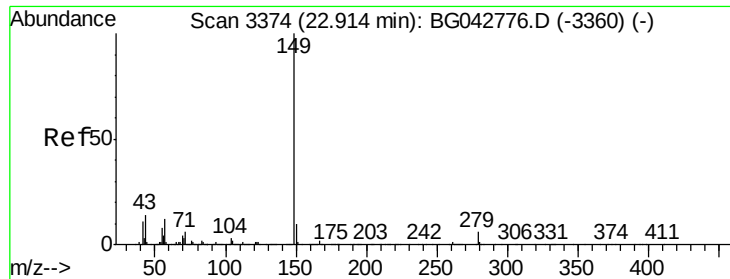
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#84
Bis(2-ethylhexyl)phthalate
Concen: 37.095 ng
RT: 21.66 min Scan# 3160
Delta R.T. -0.01 min
Lab File: BG042859.D
Acq: 16 Sep 2019 21:45

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.5	24.3	36.5
279	6.6	4.2	6.4#





#85

Di-n-octyl phthalate

Concen: 37.488 ng

RT: 22.89 min Scan# 3370

Delta R.T. -0.02 min

Lab File: BG042859.D

Acq: 16 Sep 2019 21:45

Instrument :

BNA_G

ClientSampleId :

SB-3C-(9-10)MS

Tot Ion:149 Resp: 1393708

Ion Ratio Lower Upper

149 100

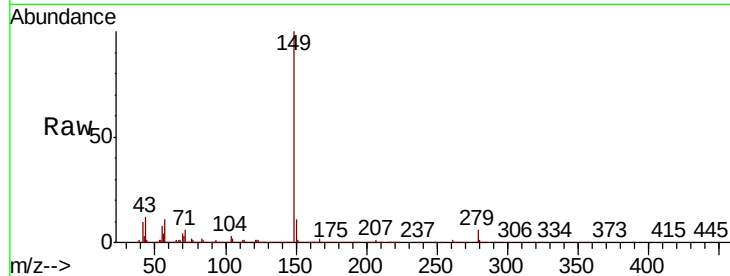
167 1.9 1.4 2.0

43 12.2 10.6 15.8

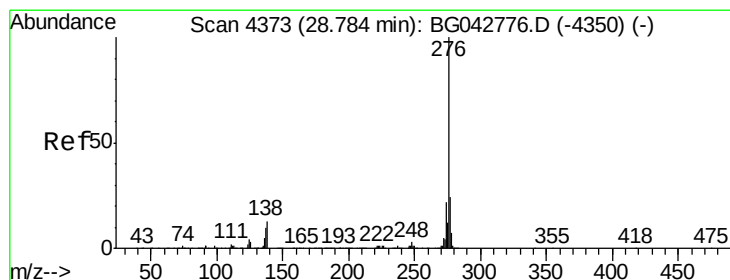
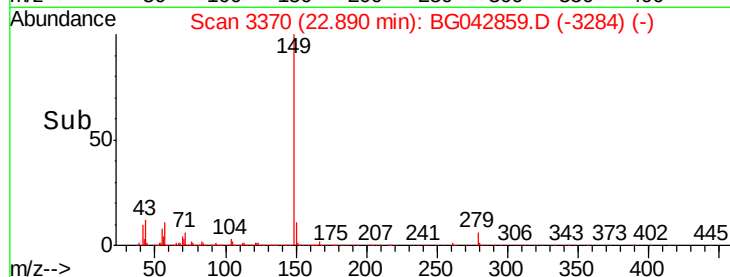
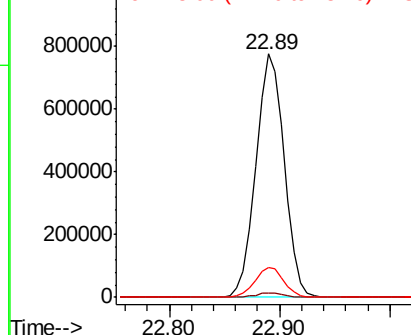
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.326 ng

RT: 28.78 min Scan# 4372

Delta R.T. -0.01 min

Lab File: BG042859.D

Acq: 16 Sep 2019 21:45

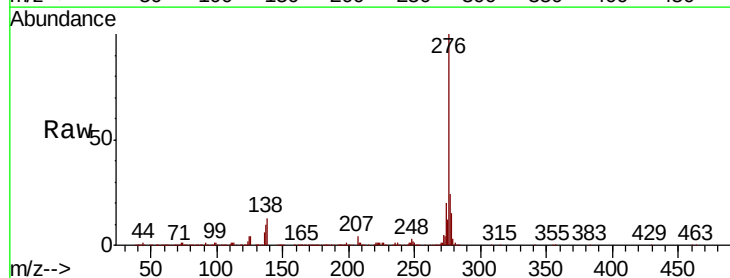
Tgt Ion:276 Resp: 1753641

Ion Ratio Lower Upper

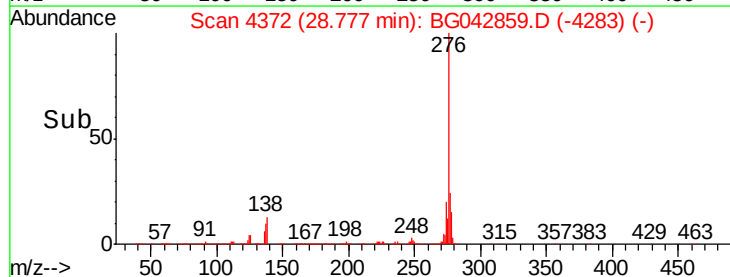
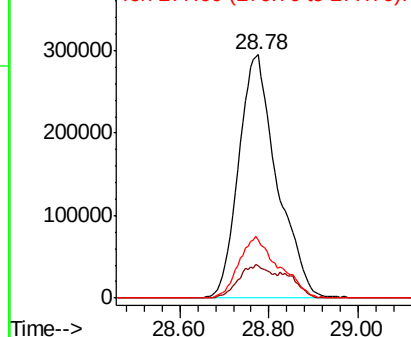
276 100

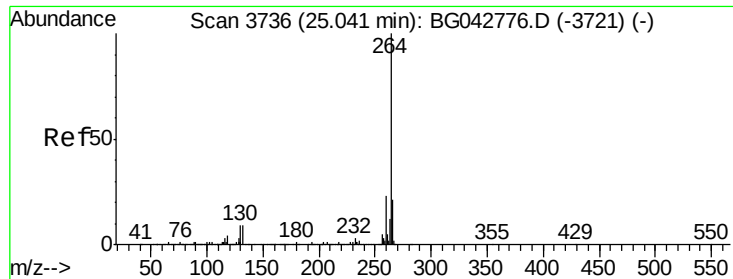
138 11.9 9.3 13.9

277 26.4 17.2 25.8#



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: 25.03 min Scan# 3735

Delta R.T. -0.01 min

Lab File: BG042859.D

Acq: 16 Sep 2019 21:45

Instrument :

BNA_G

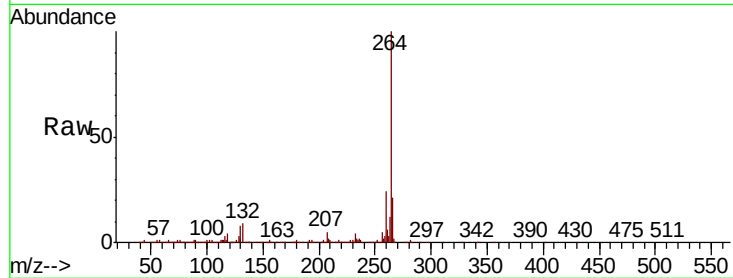
ClientSampleId :

SB-3C-(9-10)MS

Tot Ion:	264	Resp:	696009
Ion Ratio	Lower	Upper	
264	100		
260	24.3	18.2	27.2
265	21.2	16.9	25.3

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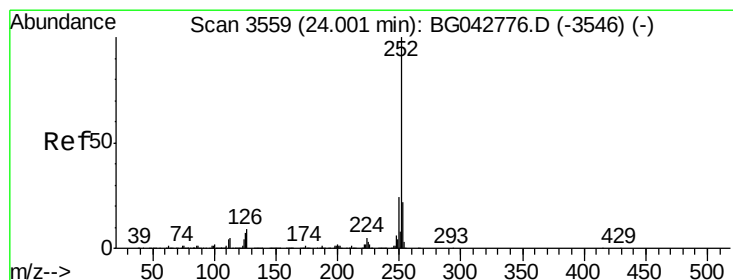
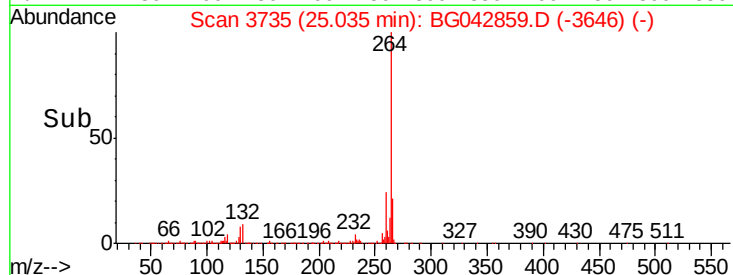
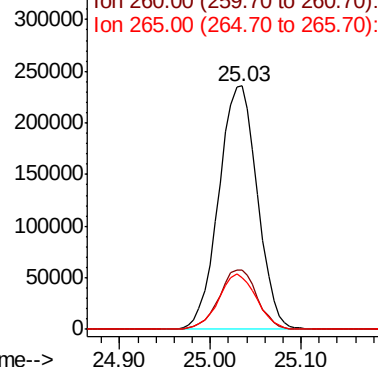


Abundance

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: 37.419 ng

RT: 23.99 min Scan# 3558

Delta R.T. -0.01 min

Lab File: BG042859.D

Acq: 16 Sep 2019 21:45

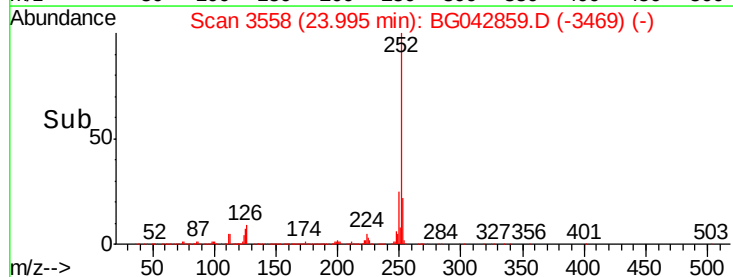
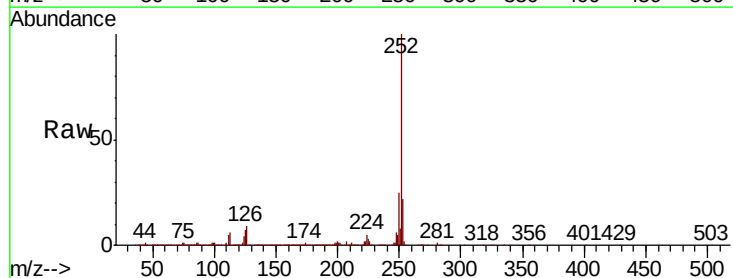
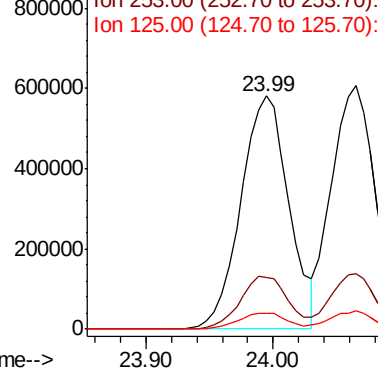
Tgt Ion:	252	Resp:	1529250
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.9	26.9
125	6.9	5.6	8.4

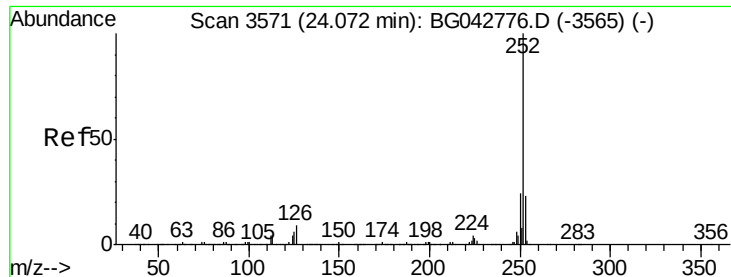
Abundance

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: 37.447 ng

RT: 24.07 min Scan# 3570

Delta R.T. -0.01 min

Lab File: BG042859.D

Acq: 16 Sep 2019 21:45

Instrument :

BNA_G

ClientSampleId :

SB-3C-(9-10)MS

Tot Ion:252 Resp: 1445625

Ion Ratio Lower Upper

252 100

253 23.0 18.2 27.4

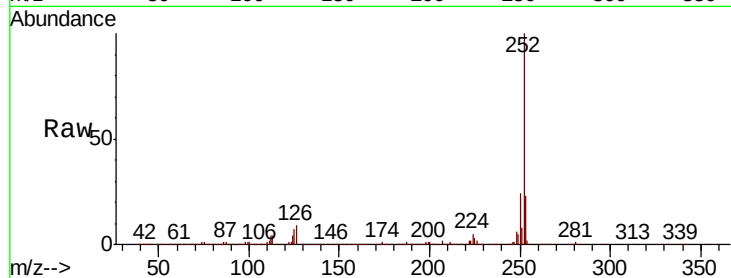
125 7.4 5.3 7.9

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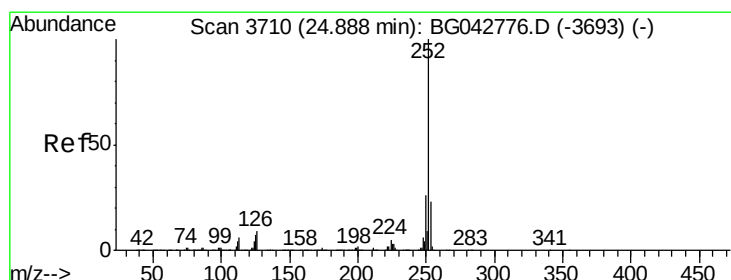
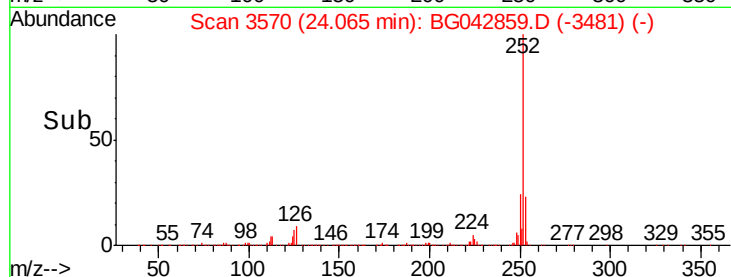
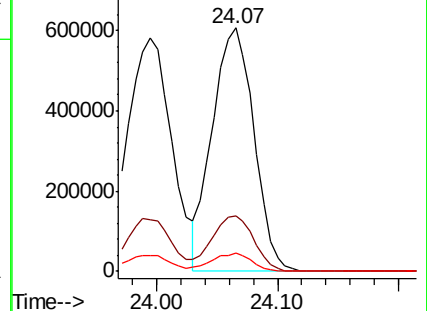
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 38.628 ng

RT: 24.88 min Scan# 3708

Delta R.T. -0.01 min

Lab File: BG042859.D

Acq: 16 Sep 2019 21:45

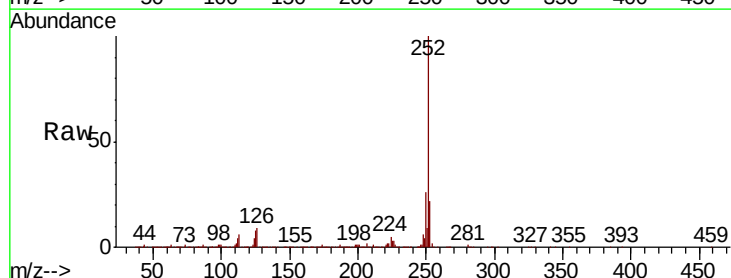
Tgt Ion:252 Resp: 1478184

Ion Ratio Lower Upper

252 100

253 21.7 18.1 27.1

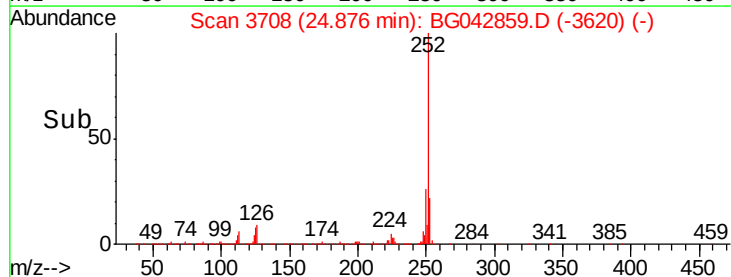
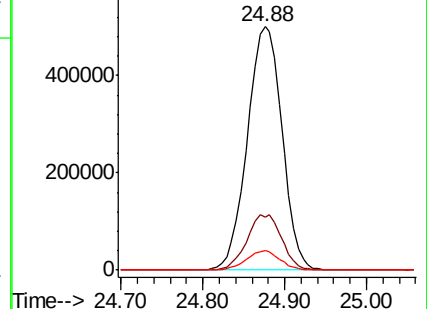
125 7.9 5.7 8.5

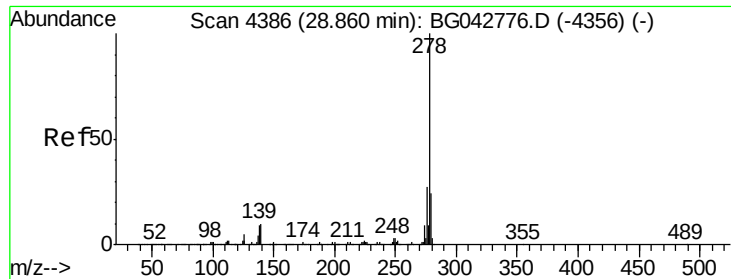


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





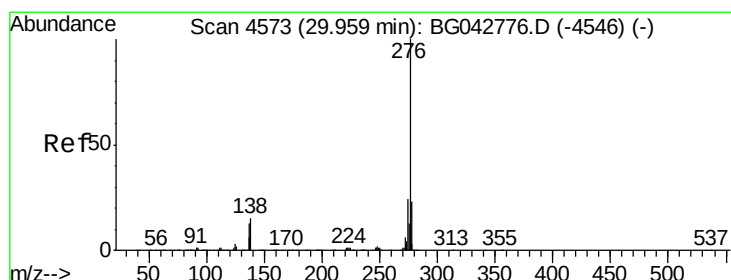
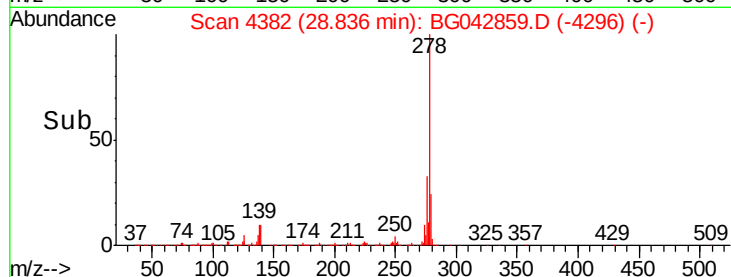
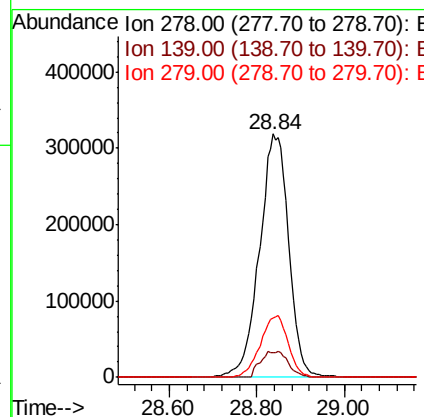
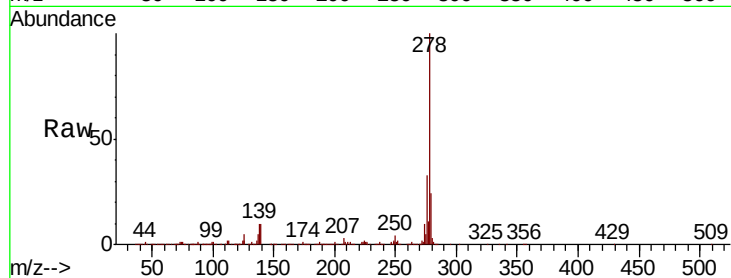
#91
Dibenzo(a,h)anthracene
Concen: 38.694 ng
RT: 28.84 min Scan# 4382
Delta R.T. -0.02 min
Lab File: BG042859.D
Acq: 16 Sep 2019 21:45

Instrument :
BNA_G
ClientSampleId :
SB-3C-(9-10)MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.3	8.2	12.2
279	24.2	19.4	29.2

Manual Integrations
APPROVED

mohammad
9/17/2019 1:26:44 PM



#92
Benzo(g,h,i)perylene
Concen: 39.002 ng
RT: 29.94 min Scan# 4570
Delta R.T. -0.02 min
Lab File: BG042859.D
Acq: 16 Sep 2019 21:45

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.4	27.6
138	15.8	11.8	17.8

