

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121719\
 Data File : BG043828.D
 Acq On : 17 Dec 2019 20:38
 Operator : JU
 Sample : K6294-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD

Manual Integrations
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mohammad
 12/18/2019 2:40:50 PM

Quant Time: Dec 18 02:28:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 09 18:16:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	115008	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	514681	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	382840	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	922143	20.00	ng	0.00
76) Chrysene-d12	21.63	240	782141	20.00	ng	0.00
87) Perylene-d12	24.79	264	891353	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	789138	130.01	ng	0.00
7) Phenol-d6	7.17	99	1163343	132.89	ng	0.01
23) Nitrobenzene-d5	9.15	82	657691	71.75	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	478868	131.20	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	1526926	70.06	ng	0.00
79) Terphenyl-d14	19.98	244	2409829	74.12	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.48	88	99642	35.449	ng	97
3) Pyridine	3.88	79	255634	32.911	ng	98
4) n-Nitrosodimethylamine	3.79	42	135903	36.492	ng	100
6) Aniline	7.32	93	176593	15.246	ng	97
8) 2-Chlorophenol	7.57	128	324592	45.887	ng	97
9) Benzaldehyde	7.13	77	108538	18.598	ng	95
10) Phenol	7.20	94	448203	49.592	ng	97
11) bis(2-Chloroethyl)ether	7.42	93	298262	38.893	ng	95
12) 1,3-Dichlorobenzene	7.89	146	322499	38.045	ng	98
13) 1,4-Dichlorobenzene	8.04	146	326232	38.501	ng	99
14) 1,2-Dichlorobenzene	8.35	146	306494	37.543	ng	98
15) Benzyl Alcohol	8.24	79	296213	42.520	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.53	45	452324	36.802	ng	98
17) 2-Methylphenol	8.44	107	292260	45.302	ng	99
18) Hexachloroethane	9.09	117	118934	38.628	ng	97
19) n-Nitroso-di-n-propylamine	8.81	70	251422	37.568	ng	98
20) 3+4-Methylphenols	8.77	107	407634	45.377	ng	99
22) Acetophenone	8.82	105	464473	36.186	ng	# 99
24) Nitrobenzene	9.20	77	355523	38.077	ng	99
25) Isophorone	9.72	82	690051	37.693	ng	99
26) 2-Nitrophenol	9.91	139	175593	48.081	ng	94
27) 2,4-Dimethylphenol	9.98	122	288049	44.526	ng	96
28) bis(2-Chloroethoxy)methane	10.21	93	431676	36.837	ng	99
29) 2,4-Dichlorophenol	10.45	162	357851	45.045	ng	100
30) 1,2,4-Trichlorobenzene	10.67	180	342055	36.373	ng	99
31) Naphthalene	10.85	128	966493	39.136	ng	99
32) Benzoic acid	10.11	122	201482	45.299	ng	95
33) 4-Chloroaniline	10.96	127	117471	9.811	ng	98
34) Hexachlorobutadiene	11.15	225	203816	35.769	ng	99
35) Caprolactam	11.72	113	136946m	43.924	ng	
36) 4-Chloro-3-methylphenol	12.08	107	394043	46.073	ng	99
37) 2-Methylnaphthalene	12.46	142	760903	39.752	ng	99
38) 1-Methylnaphthalene	12.68	142	726265	39.901	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	404346	35.148	ng	99

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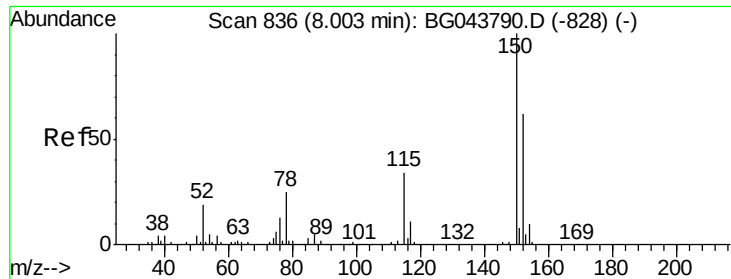
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120919.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	450202	83.376	nq	100
43) 2,4,6-Trichlorophenol	13.06	196	315200	43.108	nq	99
44) 2,4,5-Trichlorophenol	13.14	196	345958	45.162	nq	99
46) 1,1'-Biphenyl	13.47	154	999841	37.882	nq	100
47) 2-Chloronaphthalene	13.51	162	799724	37.064	nq	99
48) 2-Nitroaniline	13.70	65	266092	41.816	nq	97
49) Acenaphthylene	14.35	152	1300435	40.459	nq	99
50) Dimethylphthalate	14.08	163	1169045	42.783	nq	100
51) 2,6-Dinitrotoluene	14.19	165	257439	43.718	nq	98
52) Acenaphthene	14.69	154	919404	43.481	nq	96
53) 3-Nitroaniline	14.52	138	113339	16.819	nq	96
54) 2,4-Dinitrophenol	14.73	184	264000	99.494	nq	93
55) Dibenzofuran	15.03	168	1264109	40.387	nq	99
56) 4-Nitrophenol	14.83	139	472552	96.122	nq	98
57) 2,4-Dinitrotoluene	14.98	165	363787	45.720	nq	94
58) Fluorene	15.68	166	1035845	41.059	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.25	232	318772m	46.379	nq	
60) Diethylphthalate	15.45	149	1082297	39.653	nq	99
61) 4-Chlorophenyl-phenylether	15.67	204	556310	39.374	nq	98
62) 4-Nitroaniline	15.69	138	279723	40.062	nq	99
63) Azobenzene	15.96	77	1012674	40.386	nq	98
65) 4,6-Dinitro-2-methylphenol	15.75	198	187014	51.662	nq	97
66) n-Nitrosodiphenylamine	15.88	169	990541	38.648	nq	100
67) 4-Bromophenyl-phenylether	16.56	248	367268	37.253	nq	97
68) Hexachlorobenzene	16.69	284	375679	35.928	nq	98
69) Atrazine	16.83	200	347625	42.546	nq	99
70) Pentachlorophenol	17.02	266	491616	88.385	nq	98
71) Phenanthrene	17.41	178	1696209	38.855	nq	100
72) Anthracene	17.50	178	1720051	39.804	nq	99
73) Carbazole	17.77	167	1608952	39.831	nq	99
74) Di-n-butylphthalate	18.34	149	1814705	39.188	nq	99
75) Fluoranthene	19.42	202	1976724	39.564	nq	98
77) Benzidine	19.59	184	360706	21.139	nq	97
78) Pyrene	19.78	202	1999069	39.110	nq	99
80) Butylbenzylphthalate	20.68	149	888693	41.746	nq	97
81) Benzo(a)anthracene	21.61	228	1906461	38.620	nq	98
82) 3,3'-Dichlorobenzidine	21.52	252	401520	22.018	nq	99
83) Chrysene	21.67	228	1850592	39.348	nq	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	1233840	40.408	nq	99
85) Di-n-octyl phthalate	22.74	149	2076065	41.589	nq	100
86) Indeno(1,2,3-cd)pyrene	28.37	276	2187225	36.335	nq	97
88) Benzo(b)fluoranthene	23.79	252	2001820	39.006	nq	99
89) Benzo(k)fluoranthene	23.85	252	1908575	38.498	nq	99
90) Benzo(a)pyrene	24.64	252	1953044	39.933	nq	99
91) Dibenzo(a,h)anthracene	28.45	278	1808371	37.018	nq	99
92) Benzo(g,h,i)perylene	29.48	276	1800383	37.347	nq	99

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



#1

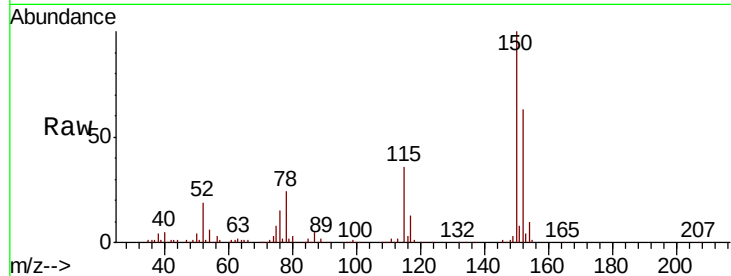
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BG043828.D
Acq: 17 Dec 2019 20:38

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	128.6	192.8
115	57.5	44.3	66.5

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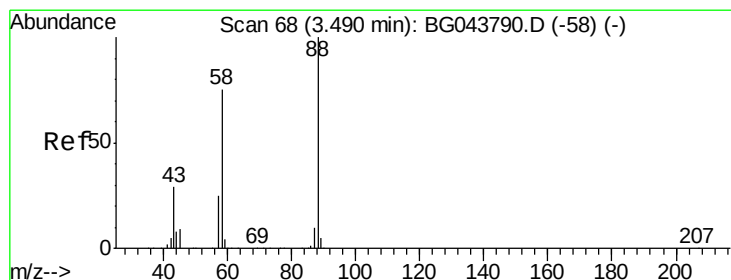
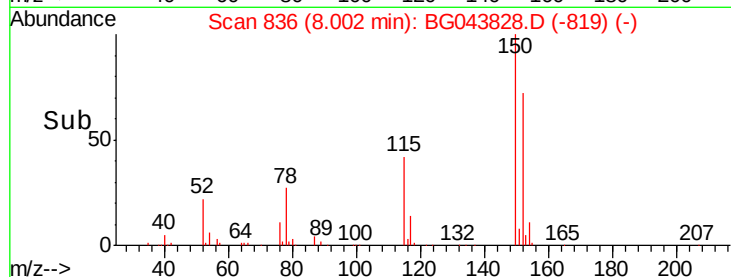
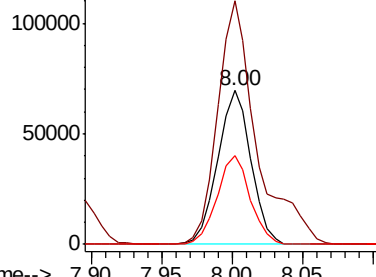


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

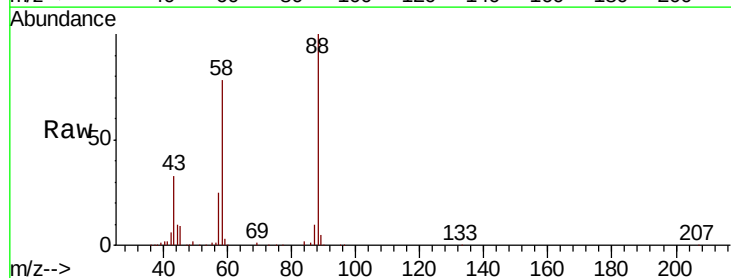
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.449 ng
RT: 3.48 min Scan# 67
Delta R.T. -0.01 min
Lab File: BG043828.D
Acq: 17 Dec 2019 20:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.7	62.2	93.4
43	30.4	24.3	36.5

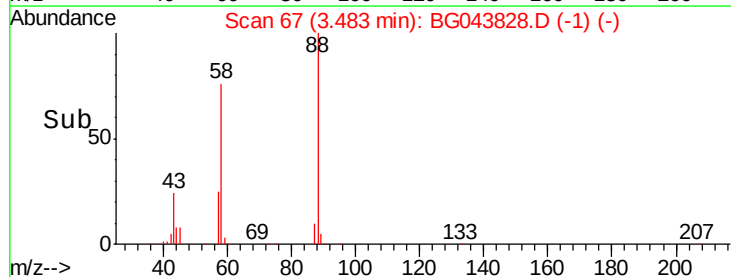
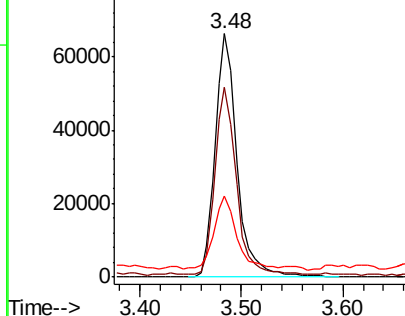


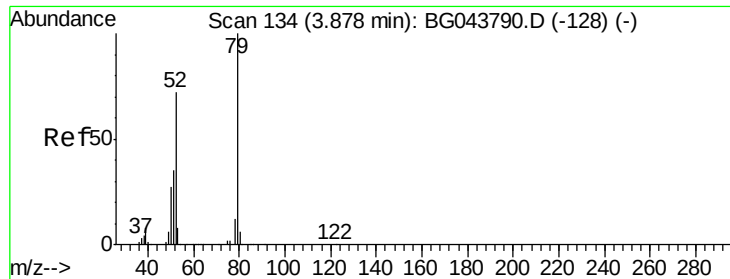
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 32.911 ng

RT: 3.88 min Scan# 134

Delta R.T. -0.00 min

Lab File: BG043828.D

Acq: 17 Dec 2019 20:38

Instrument :

BNA_G

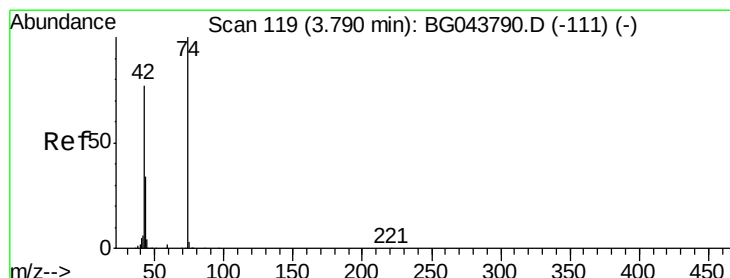
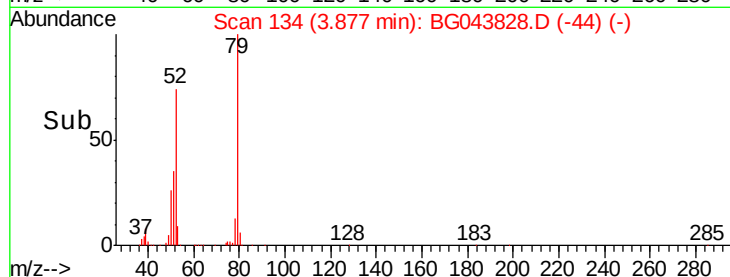
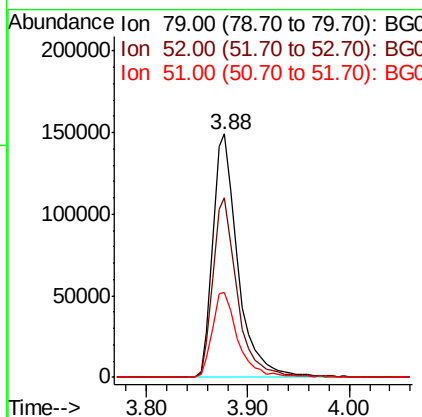
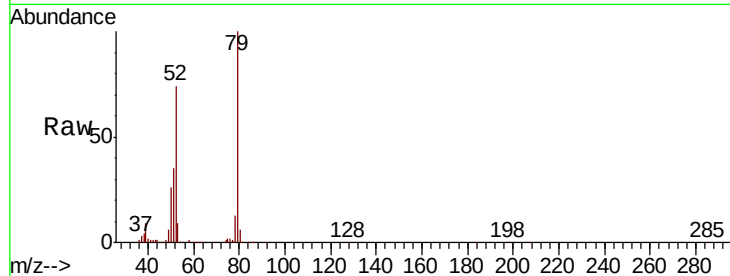
ClientSampleId :

TP-1MSD

Tot Ion:	79	Resp:	255634
Ion Ratio	Lower	Upper	
79	100		
52	74.0	57.6	86.4
51	34.9	27.8	41.8

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#4

n-Nitrosodimethylamine

Concen: 36.492 ng

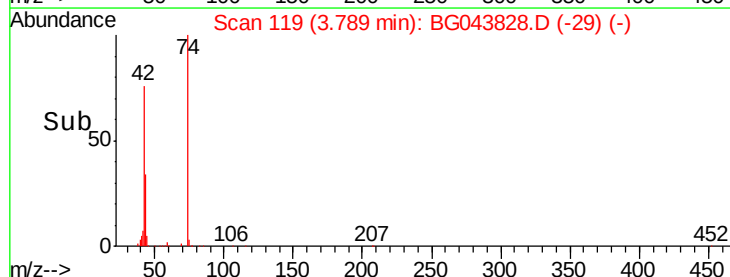
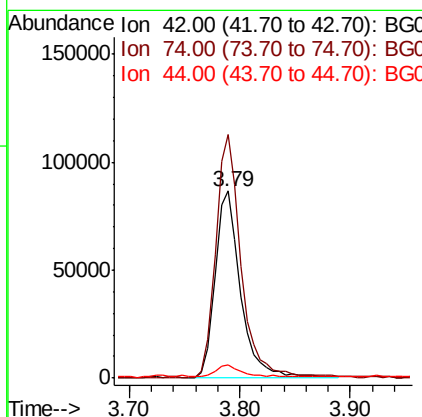
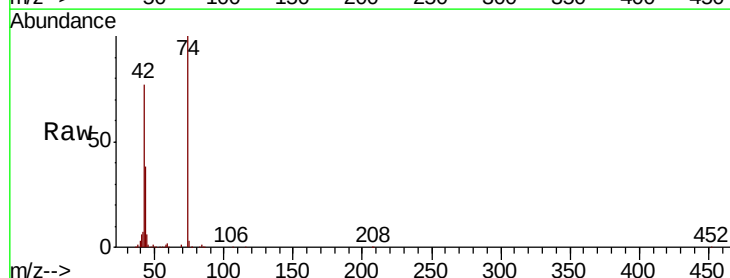
RT: 3.79 min Scan# 119

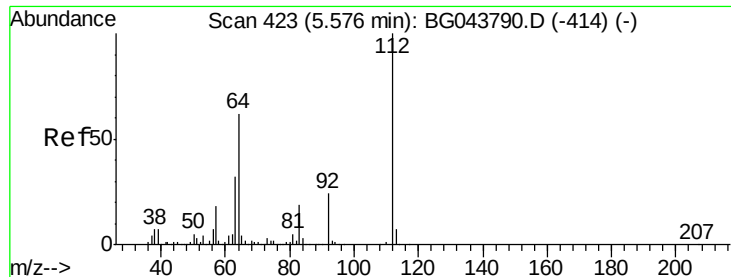
Delta R.T. -0.00 min

Lab File: BG043828.D

Acq: 17 Dec 2019 20:38

Tgt Ion:	42	Resp:	135903
Ion Ratio	Lower	Upper	
42	100		
74	130.1	104.2	156.4
44	7.3	5.6	8.4





#5

2-Fluorophenol

Concen: 130.008 ng

RT: 5.58 min Scan# 424

Delta R.T. 0.00 min

Lab File: BG043828.D

Acq: 17 Dec 2019 20:38

Instrument :

BNA_G

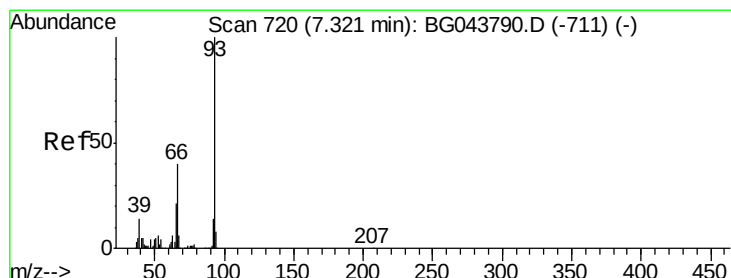
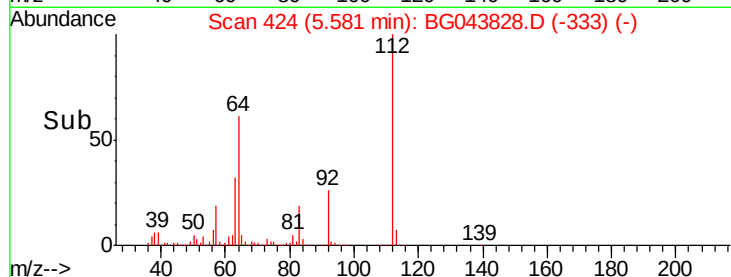
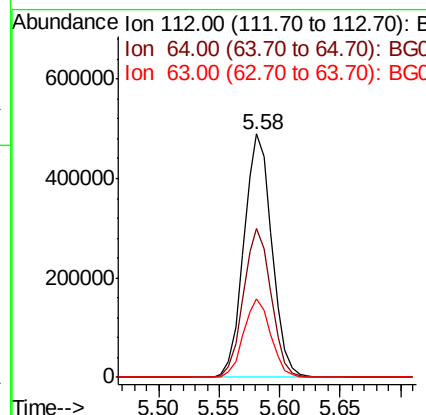
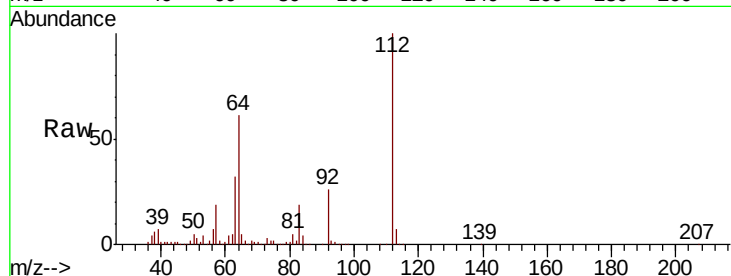
ClientSampleId :

TP-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		789138		
64	61.3	49.9	74.9		
63	32.3	26.0	39.0		

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#6

Aniline

Concen: 15.246 ng

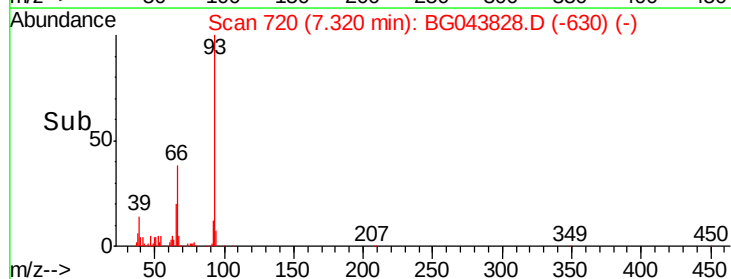
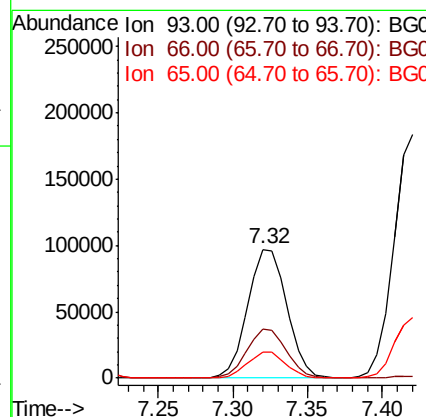
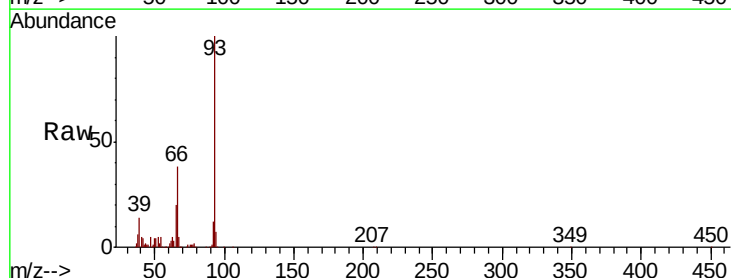
RT: 7.32 min Scan# 720

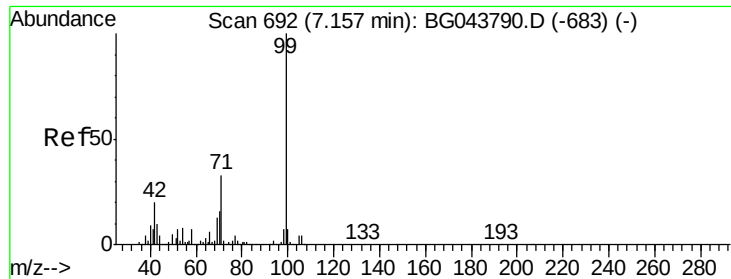
Delta R.T. -0.00 min

Lab File: BG043828.D

Acq: 17 Dec 2019 20:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		176593		
66	37.8	31.9	47.9		
65	20.2	16.8	25.2		





#7

Phenol-d6

Concen: 132.894 ng

RT: 7.17 min Scan# 694

Delta R.T. 0.01 min

Lab File: BG043828.D

Acq: 17 Dec 2019 20:38

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

Tot Ion: 99 Resp: 1163343

Ion Ratio Lower Upper

99 100

42 19.8 16.2 24.2

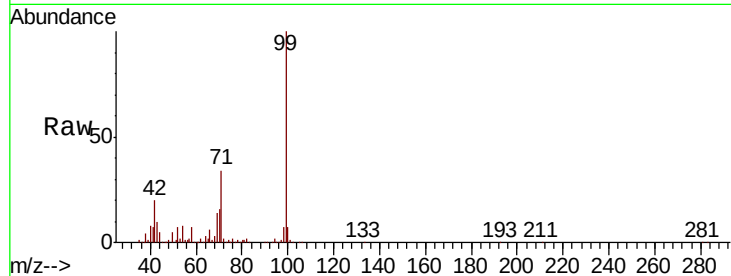
71 33.5 26.6 40.0

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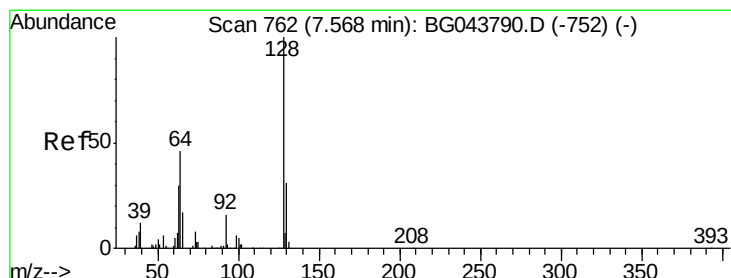
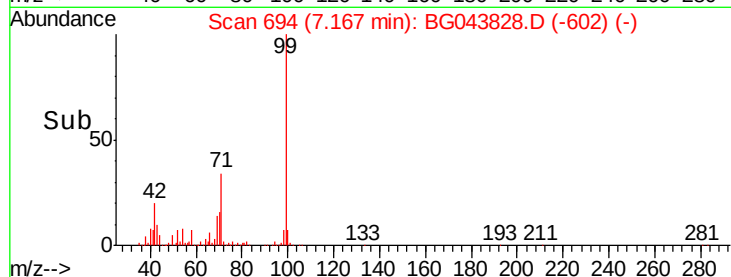
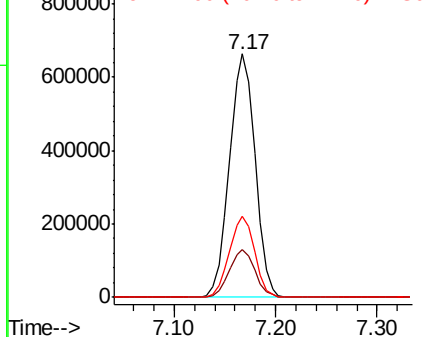
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 45.887 ng

RT: 7.57 min Scan# 762

Delta R.T. -0.00 min

Lab File: BG043828.D

Acq: 17 Dec 2019 20:38

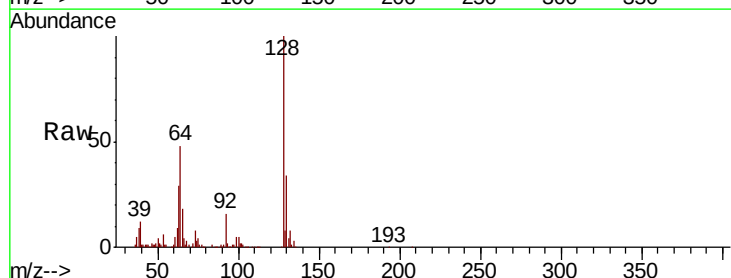
Tgt Ion:128 Resp: 324592

Ion Ratio Lower Upper

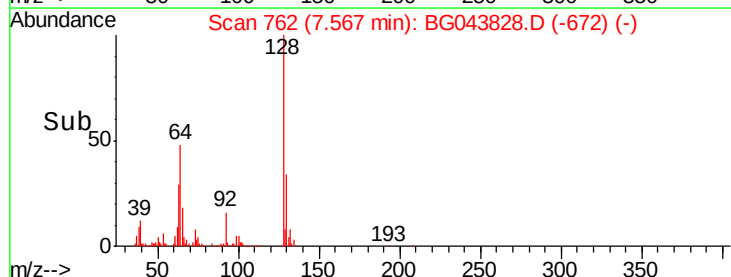
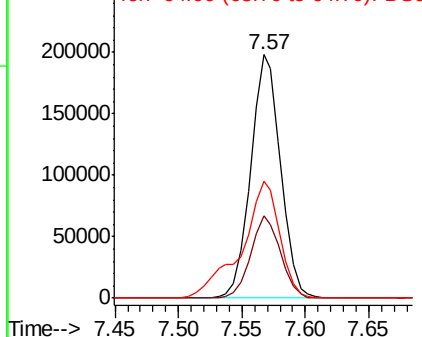
128 100

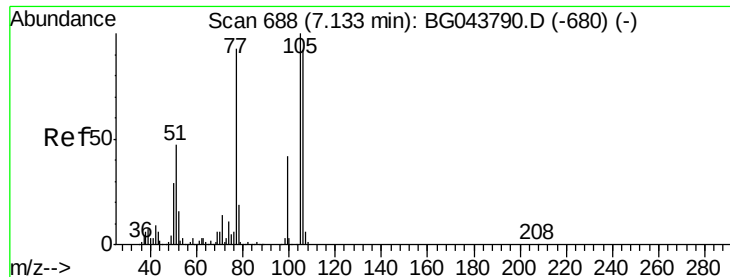
130 33.6 11.1 51.1

64 48.1 26.5 66.5



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 18.598 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.00 min

Lab File: BG043828.D

Acq: 17 Dec 2019 20:38

Instrument :

BNA_G

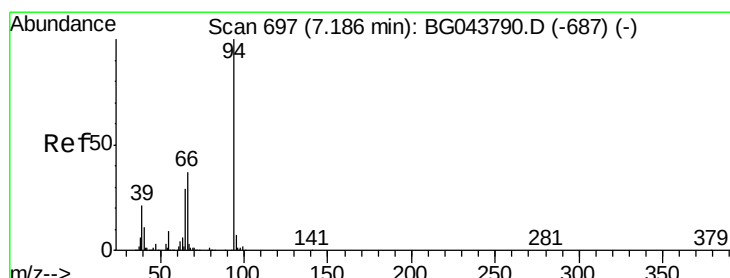
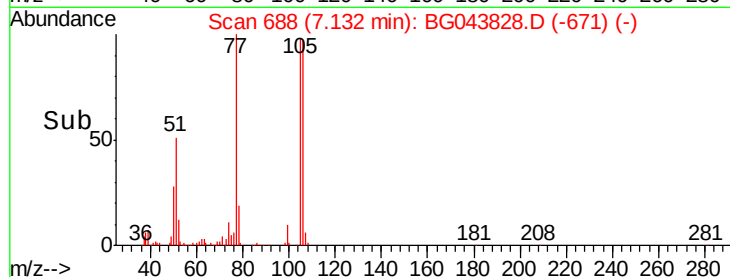
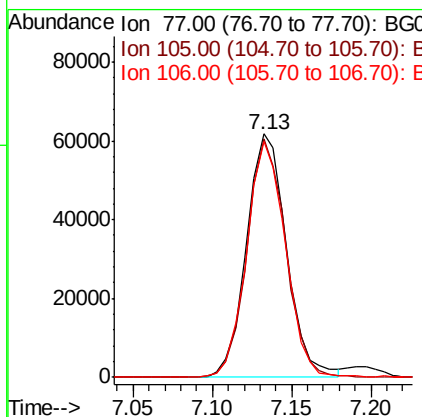
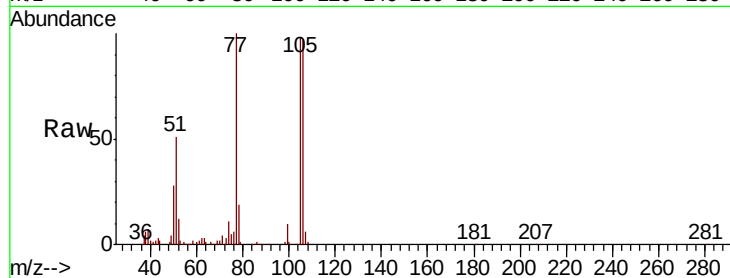
ClientSampleId :

TP-1MSD

Tot Ion:	77	Resp:	108538
Ion	Ratio	Lower	Upper
77	100		
105	98.0	87.1	127.1
106	97.0	78.2	118.2

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#10

Phenol

Concen: 49.592 ng

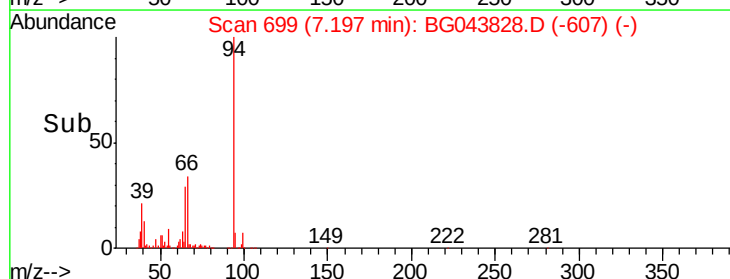
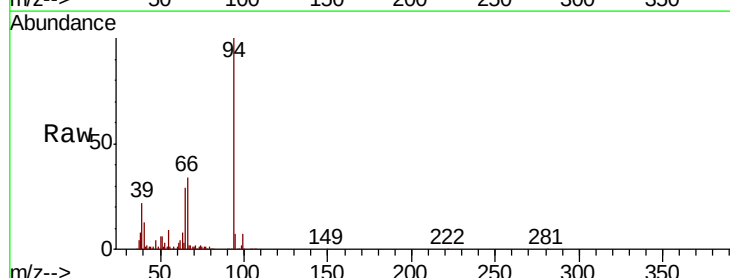
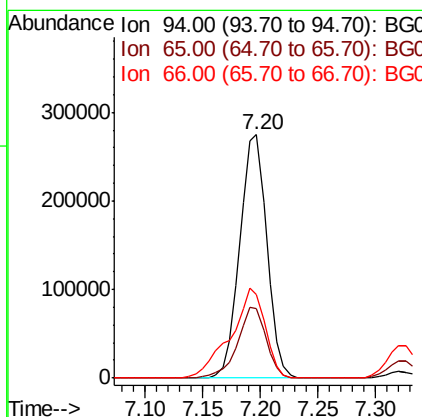
RT: 7.20 min Scan# 699

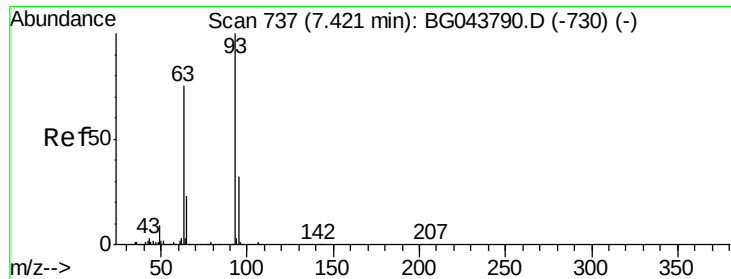
Delta R.T. 0.01 min

Lab File: BG043828.D

Acq: 17 Dec 2019 20:38

Tgt Ion:	94	Resp:	448203
Ion	Ratio	Lower	Upper
94	100		
65	28.7	9.5	49.5
66	34.1	16.8	56.8





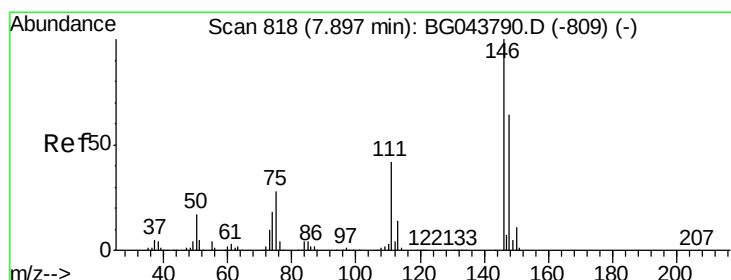
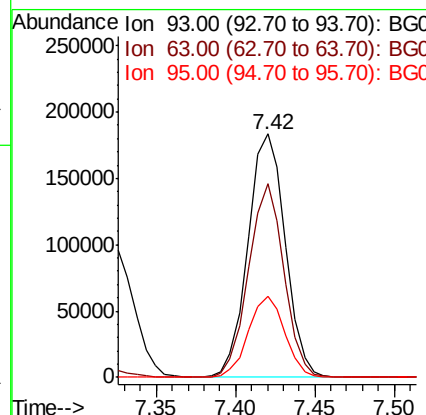
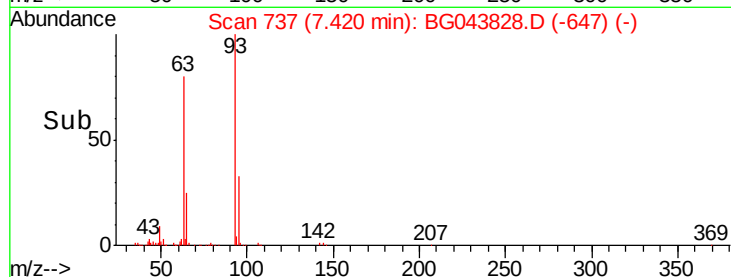
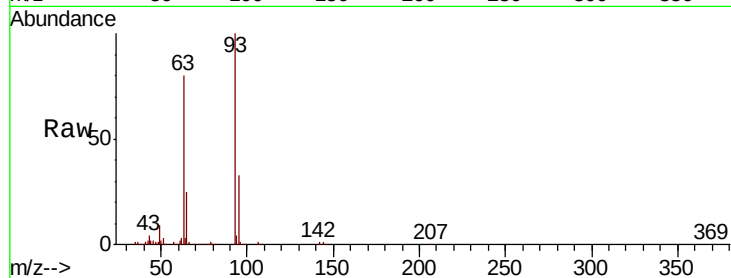
#11
bis(2-Chloroethyl)ether
Concen: 38.893 ng
RT: 7.42 min Scan# 737
Delta R.T. -0.00 min
Lab File: BG043828.D
Acq: 17 Dec 2019 20:38

Instrument :
BNA_G
ClientSampled :
TP-1MSD

Tot Ion:	93	Resp:	298262
Ion	Ratio	Lower	Upper
93	100		
63	79.7	54.7	94.7
95	33.3	11.3	51.3

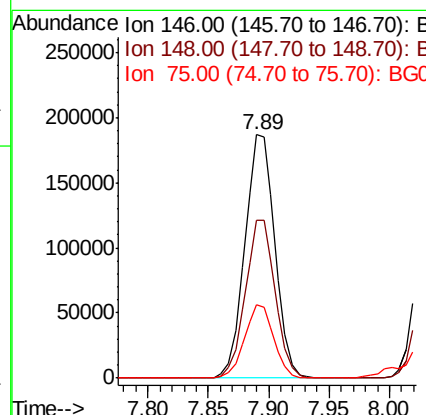
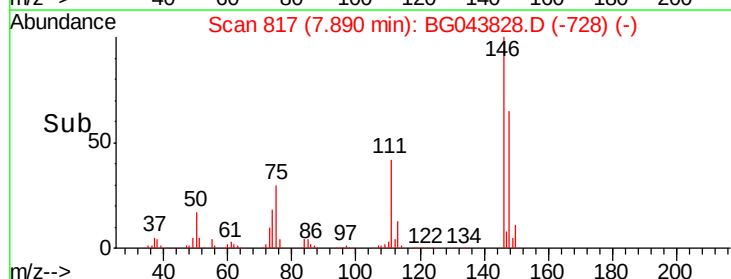
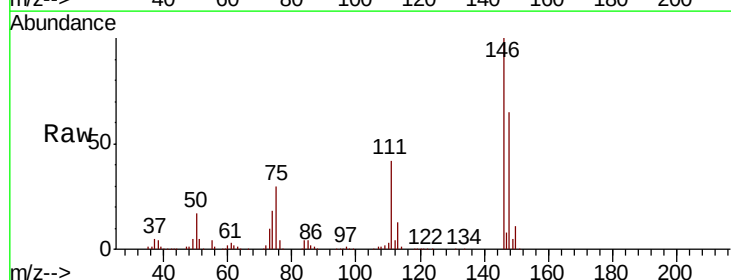
Manual Integrations
APPROVED

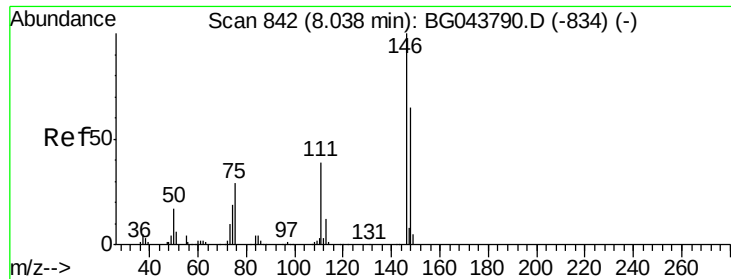
mohammad
12/18/2019 2:40:50 PM



#12
1,3-Dichlorobenzene
Concen: 38.045 ng
RT: 7.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BG043828.D
Acq: 17 Dec 2019 20:38

Tgt Ion:	146	Resp:	322499
Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.4	77.2
75	30.0	22.4	33.6





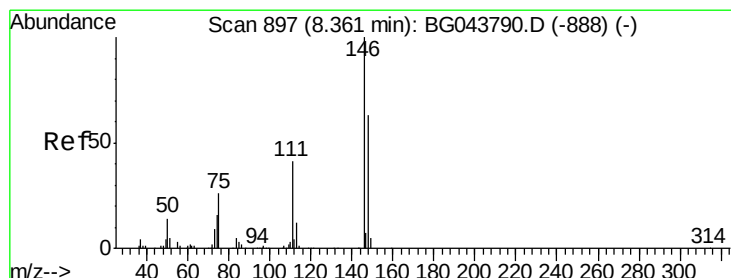
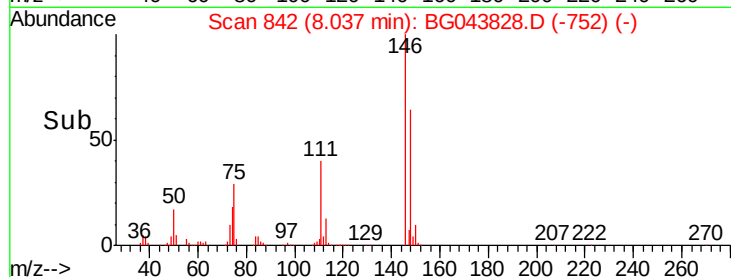
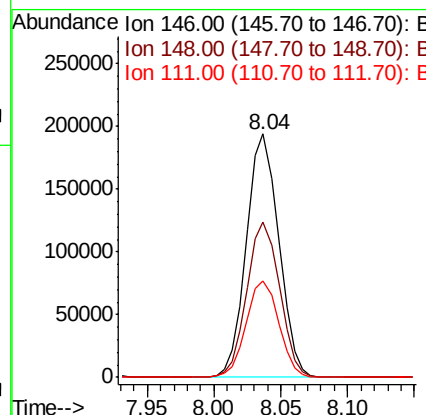
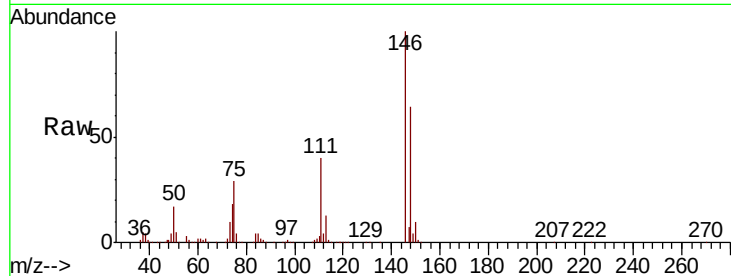
#13
1,4-Dichlorobenzene
Concen: 38.501 ng
RT: 8.04 min Scan# 842
Delta R.T. -0.00 min
Lab File: BG043828.D
Acq: 17 Dec 2019 20:38

Instrument :
BNA_G
ClientSampled :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.8	77.8
111	39.8	31.4	47.2

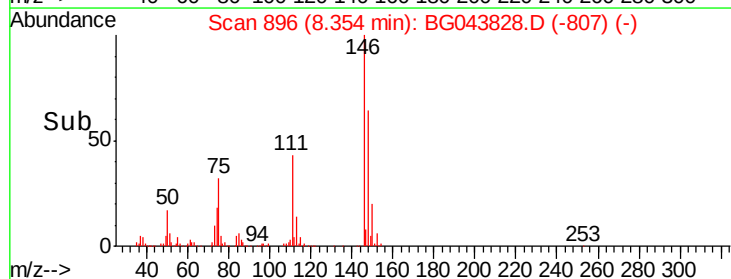
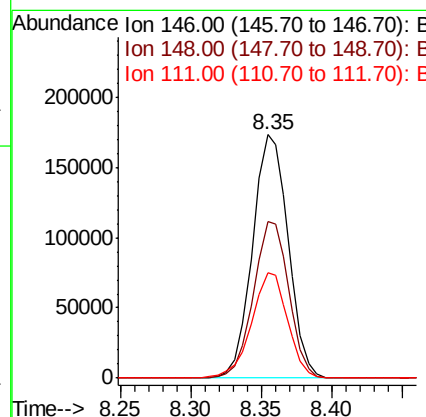
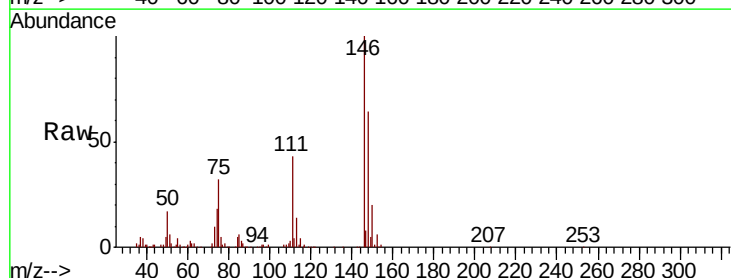
Manual Integrations
APPROVED

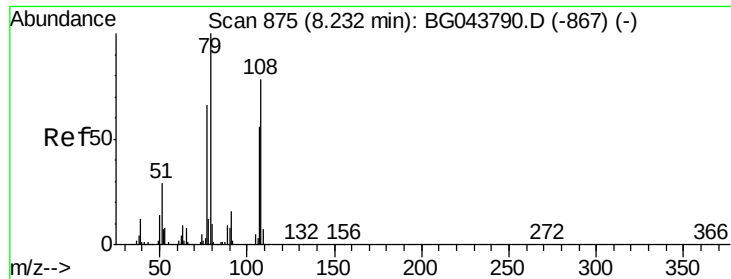
mohammad
12/18/2019 2:40:50 PM



#14
1,2-Dichlorobenzene
Concen: 37.543 ng
RT: 8.35 min Scan# 896
Delta R.T. -0.01 min
Lab File: BG043828.D
Acq: 17 Dec 2019 20:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.2	75.2
111	43.2	33.4	50.2





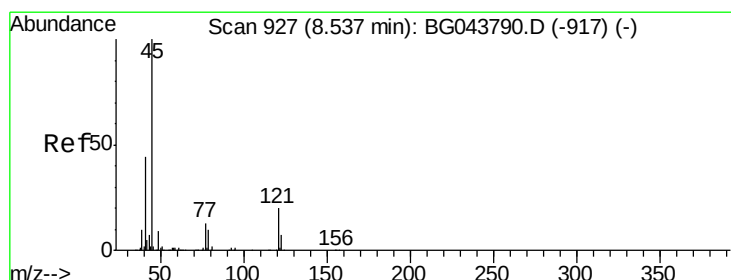
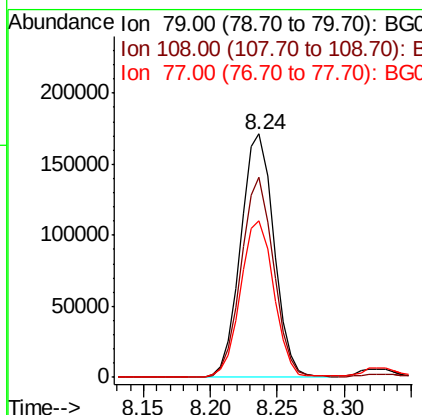
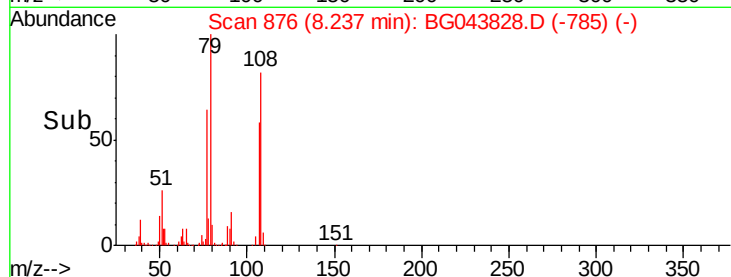
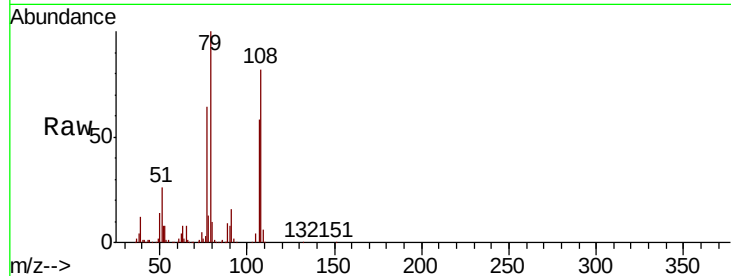
#15
Benzyl Alcohol
Concen: 42.520 ng
RT: 8.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: BG043828.D
Acq: 17 Dec 2019 20:38

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.3	62.2	93.2
77	64.1	52.8	79.2

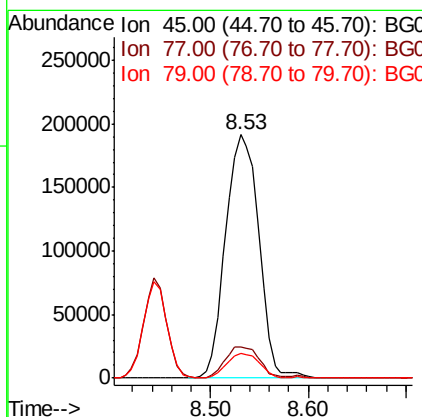
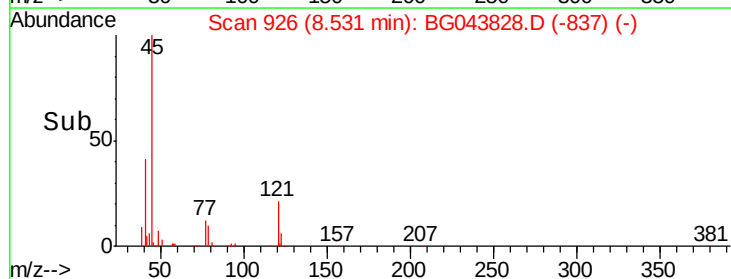
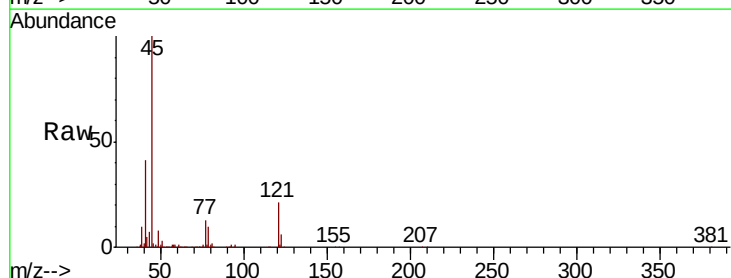
Manual Integrations
APPROVED

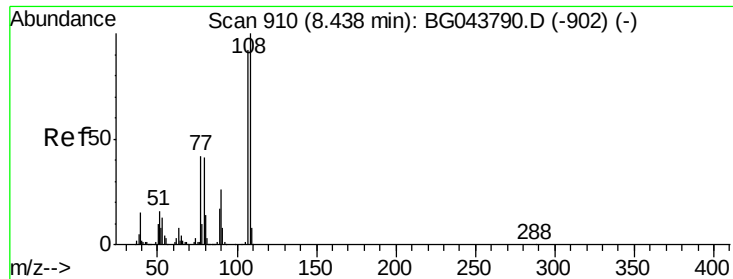
mohammad
12/18/2019 2:40:50 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.802 ng
RT: 8.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BG043828.D
Acq: 17 Dec 2019 20:38

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.9	0.0	33.6
79	10.3	0.0	29.9





#17

2-Methylphenol

Concen: 45.302 ng

RT: 8.44 min Scan# 911

Delta R.T. 0.00 min

Lab File: BG043828.D

Acq: 17 Dec 2019 20:38

Instrument :

BNA_G

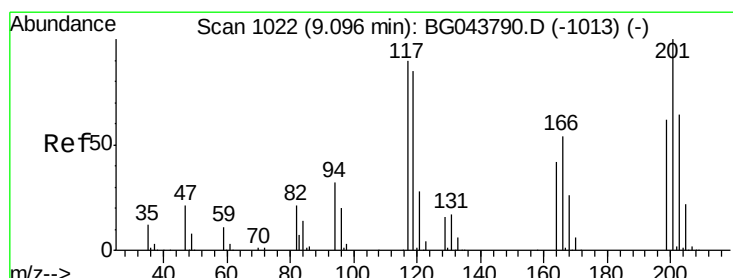
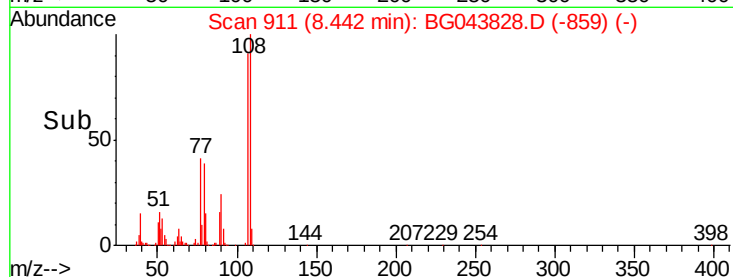
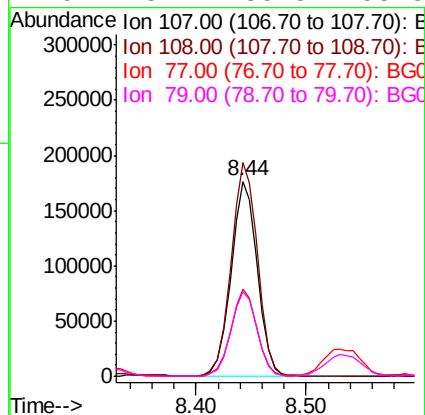
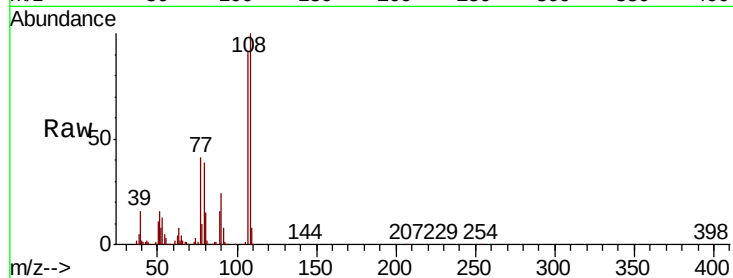
ClientSampled :

TP-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107.00	100	292260		
108	108.00	109.7		87.2	130.8
77	77.00	44.8		36.6	54.8
79	79.00	43.1		35.5	53.3

Manual Integrations
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#18

Hexachloroethane

Concen: 38.628 ng

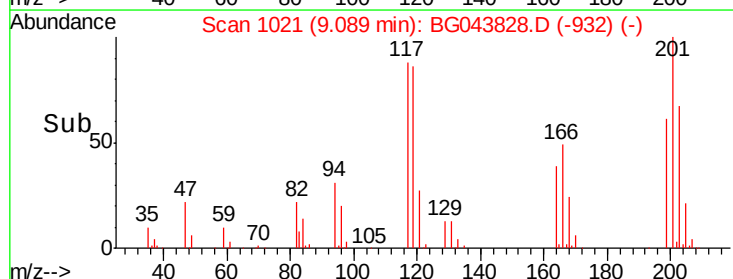
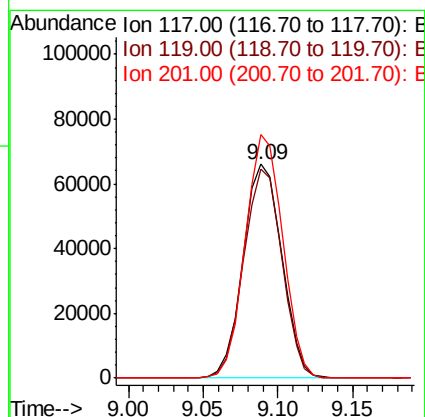
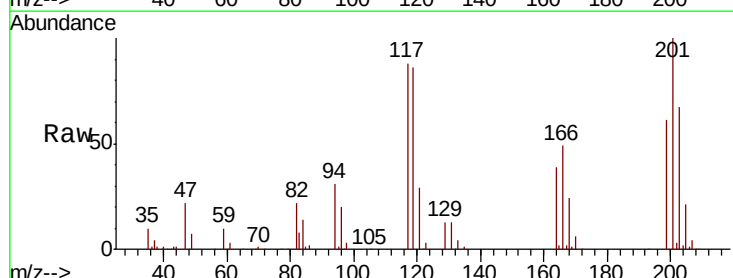
RT: 9.09 min Scan# 1021

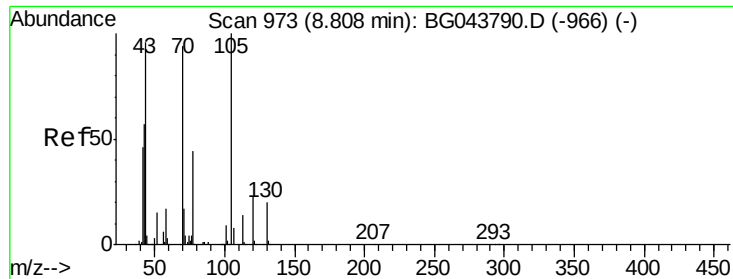
Delta R.T. -0.01 min

Lab File: BG043828.D

Acq: 17 Dec 2019 20:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117.00	100	118934		
119	119.00	97.8		75.6	113.4
201	201.00	114.0		88.6	133.0





#19

n-Nitroso-di-n-propylamine

Concen: 37.568 ng

RT: 8.81 min Scan# 973

Delta R.T. -0.00 min

Lab File: BG043828.D

Acq: 17 Dec 2019 20:38

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

Tot Ion: 70 Resp: 251422

Ion Ratio Lower Upper

70 100

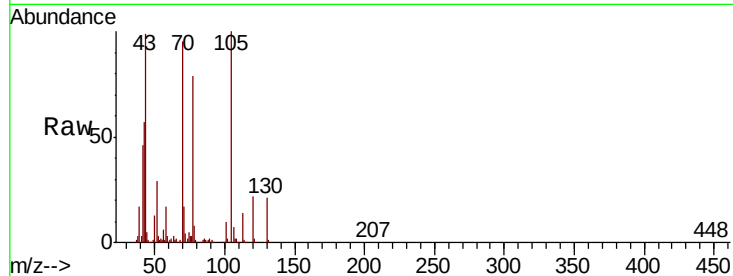
42 60.2 49.2 73.8

101 10.1 7.8 11.6

130 21.9 17.0 25.6

Manual Integrations
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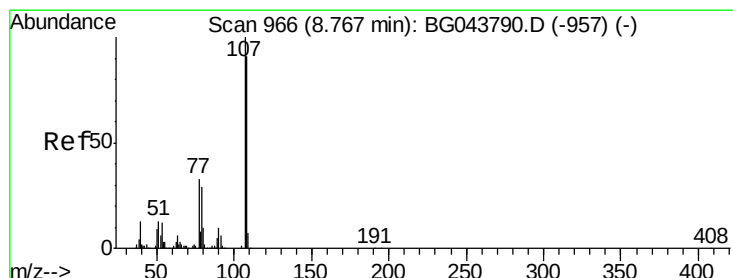
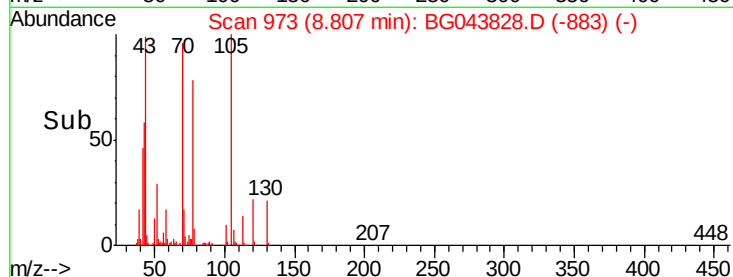
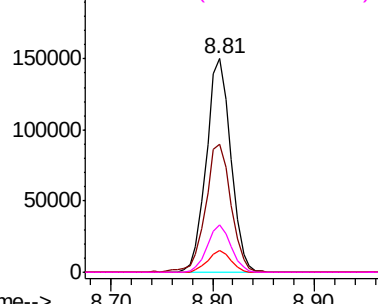
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 45.377 ng

RT: 8.77 min Scan# 967

Delta R.T. 0.00 min

Lab File: BG043828.D

Acq: 17 Dec 2019 20:38

Tgt Ion: 107 Resp: 407634

Ion Ratio Lower Upper

107 100

108 90.3 70.9 110.9

77 33.0 12.7 52.7

79 29.8 9.1 49.1

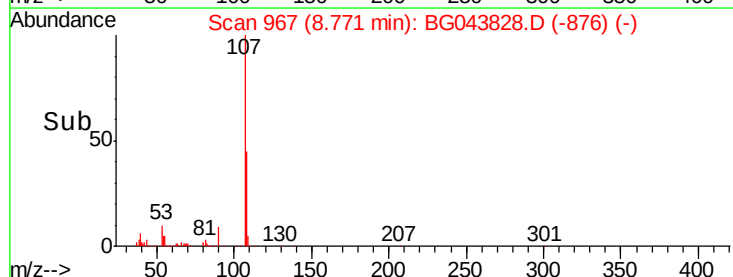
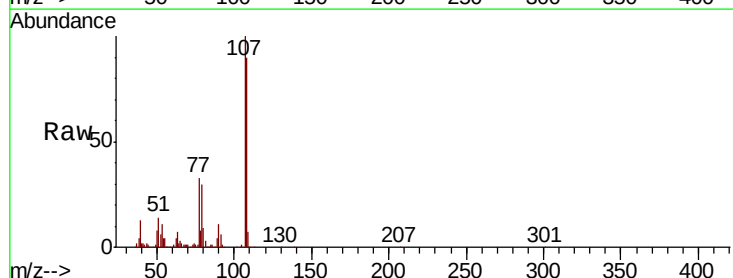
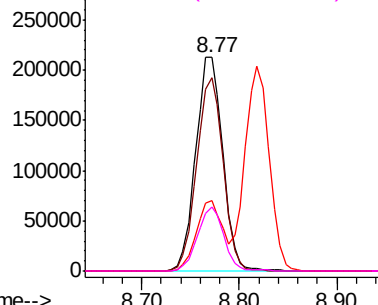
Abundance

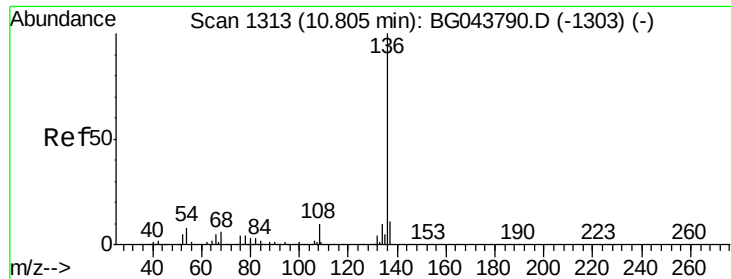
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





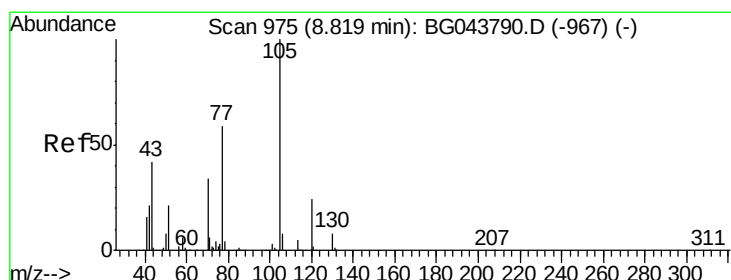
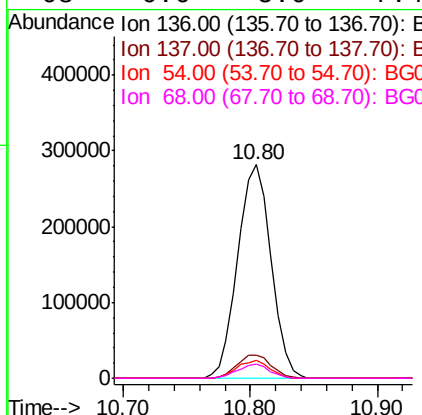
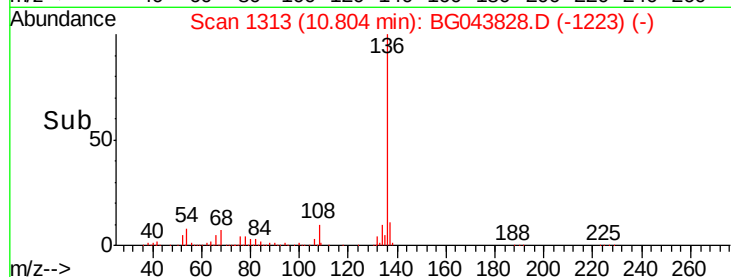
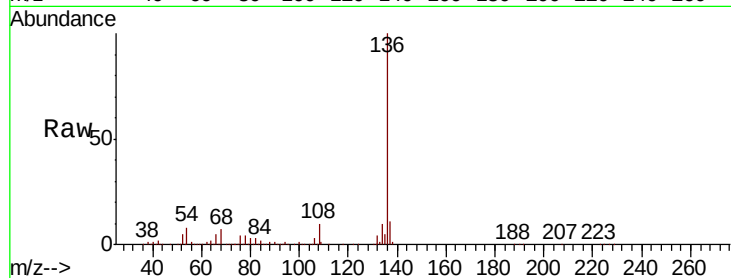
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BG043828.D
Acq: 17 Dec 2019 20:38

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		514681		
137	11.0	8.7	13.1		
54	8.4	6.8	10.2		
68	6.6	5.0	7.4		

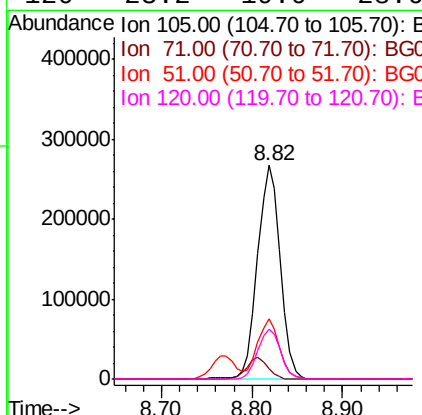
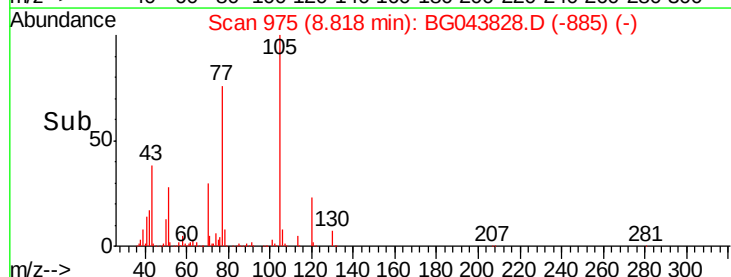
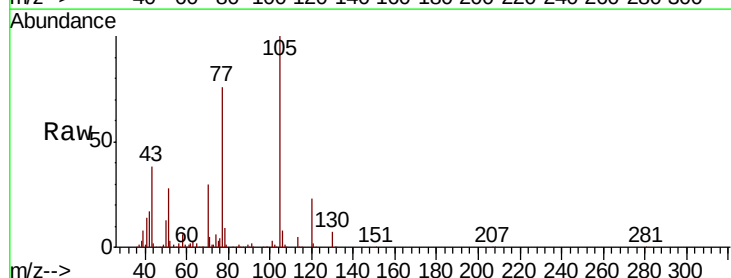
Manual Integrations
APPROVED

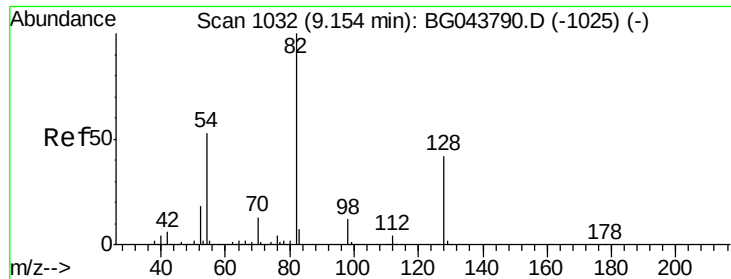
mohammad
12/18/2019 2:40:50 PM



#22
Acetophenone
Concen: 36.186 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.00 min
Lab File: BG043828.D
Acq: 17 Dec 2019 20:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		464473		
71	4.8	4.9	7.3#		
51	27.9	22.2	33.4		
120	23.2	19.0	28.6		





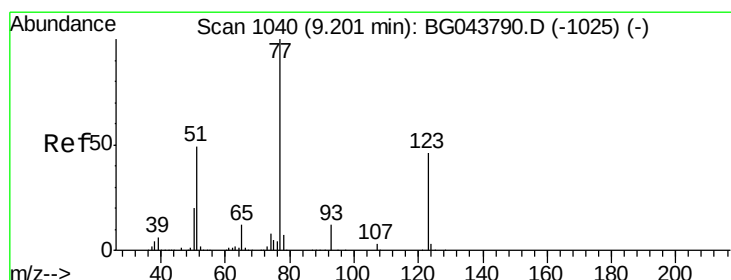
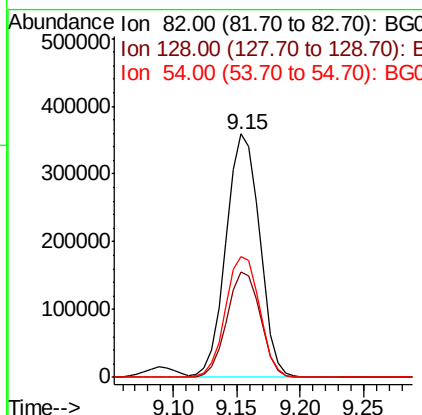
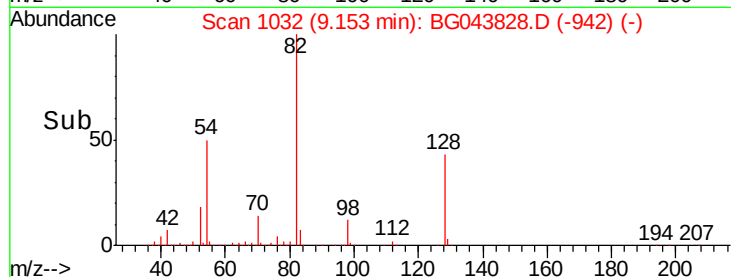
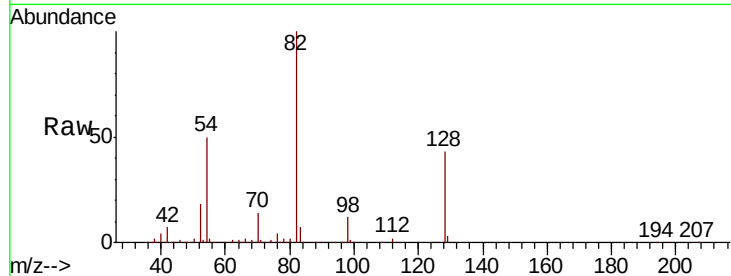
#23
Nitrobenzene-d5
Concen: 71.748 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BG043828.D
Acq: 17 Dec 2019 20:38

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	657691		
128	43.2		33.6	50.4
54	49.5		42.1	63.1

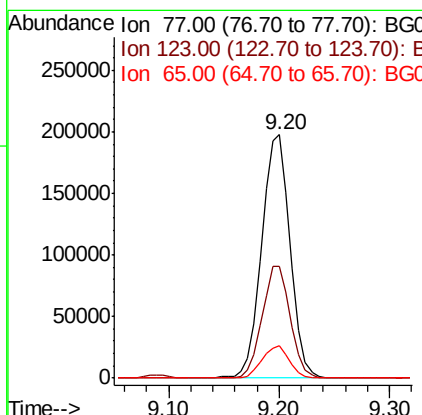
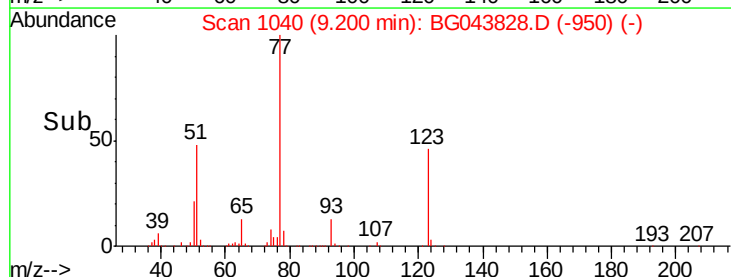
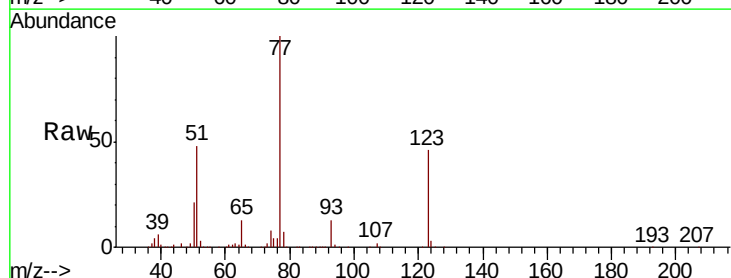
Manual Integrations
APPROVED

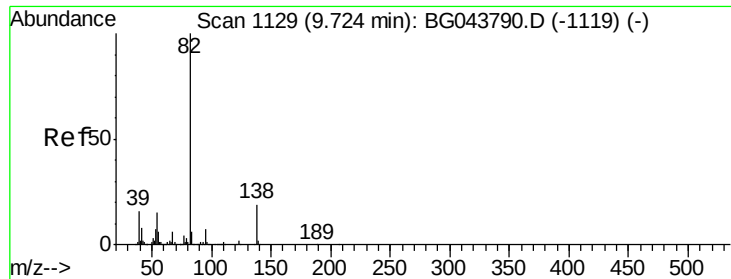
mohammad
12/18/2019 2:40:50 PM



#24
Nitrobenzene
Concen: 38.077 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BG043828.D
Acq: 17 Dec 2019 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	355523		
123	45.9		36.6	55.0
65	13.3		9.8	14.6





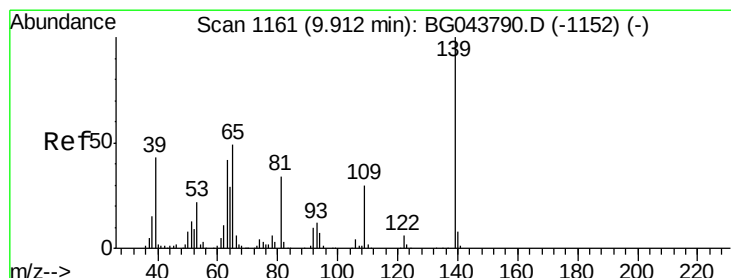
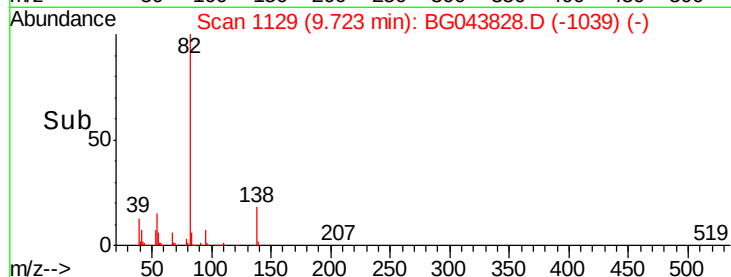
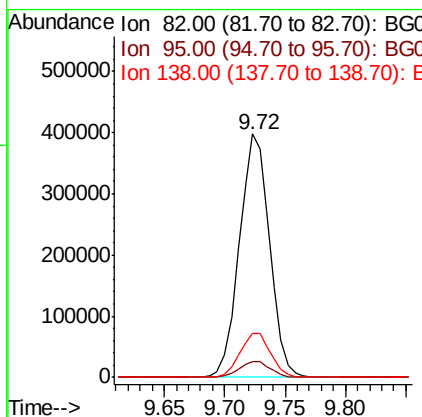
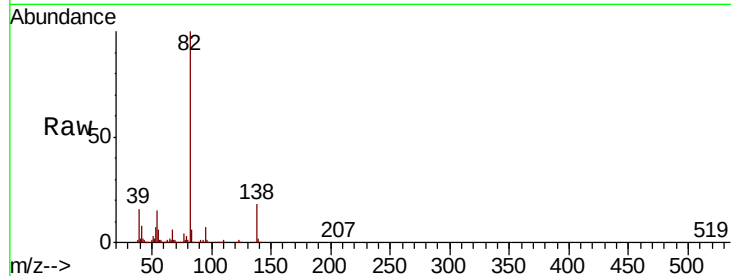
#25
Isophorone
Concen: 37.693 ng
RT: 9.72 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BG043828.D
Acq: 17 Dec 2019 20:38

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.6	8.4
138	18.2	14.8	22.2

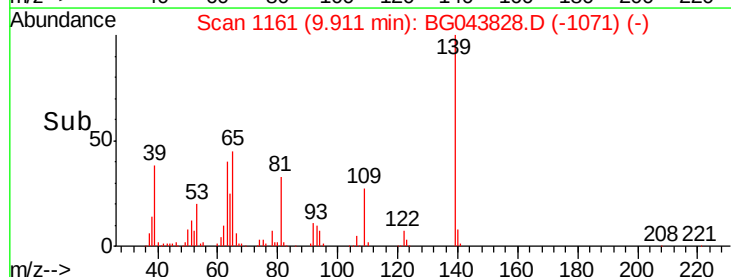
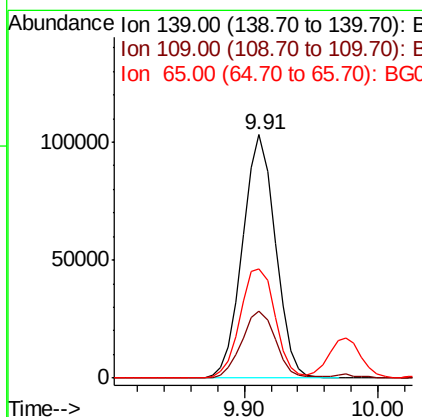
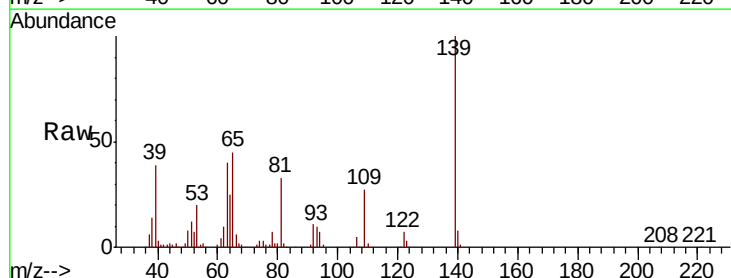
Manual Integrations
APPROVED

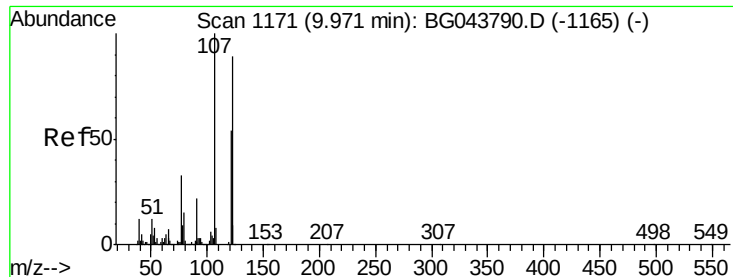
mohammad
12/18/2019 2:40:50 PM



#26
2-Nitrophenol
Concen: 48.081 ng
RT: 9.91 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BG043828.D
Acq: 17 Dec 2019 20:38

Tgt Ion	Ratio	Lower	Upper
139	100		
109	27.3	23.9	35.9
65	45.0	39.3	58.9





#27

2,4-Dimethylphenol

Concen: 44.526 ng

RT: 9.98 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BG043828.D

Acq: 17 Dec 2019 20:38

Instrument :

BNA_G

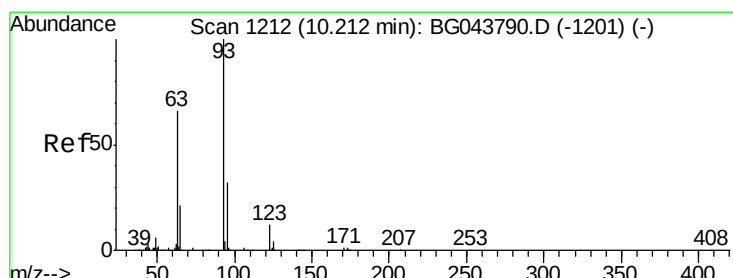
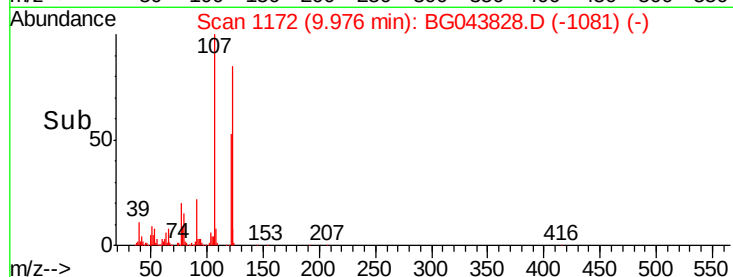
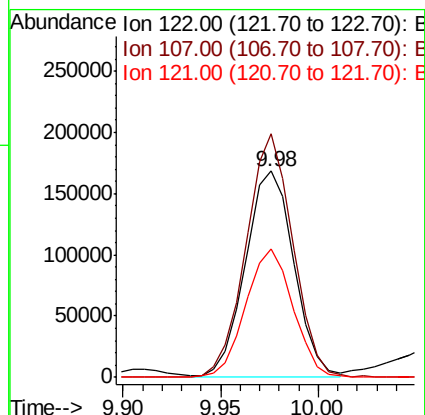
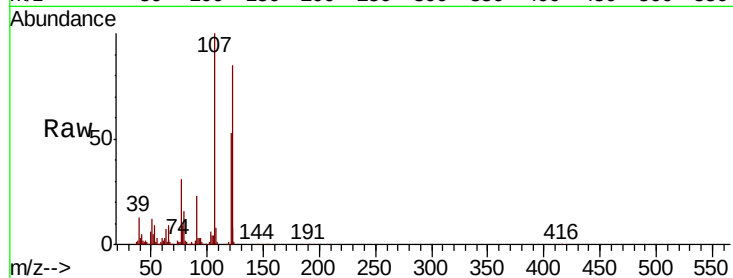
ClientSampled :

TP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	288049		
107	118.1	90.0	135.0	
121	62.1	48.6	73.0	

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#28

bis(2-Chloroethoxy)methane

Concen: 36.837 ng

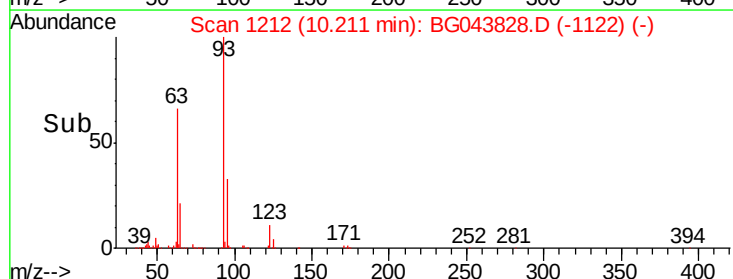
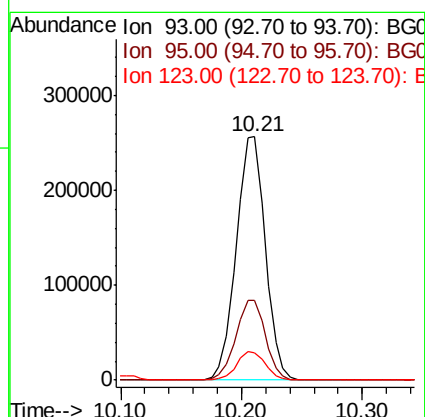
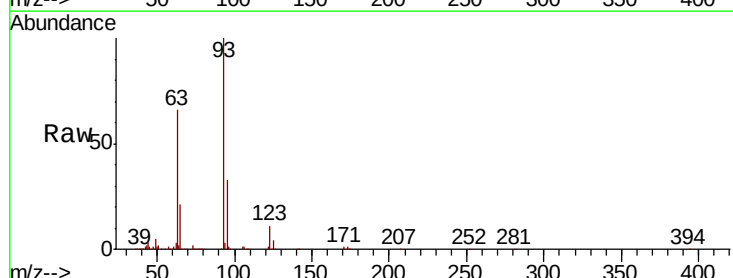
RT: 10.21 min Scan# 1212

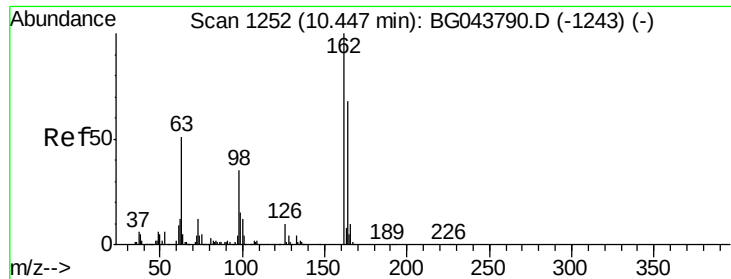
Delta R.T. -0.00 min

Lab File: BG043828.D

Acq: 17 Dec 2019 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	431676		
95	32.7	25.7	38.5	
123	11.3	9.5	14.3	





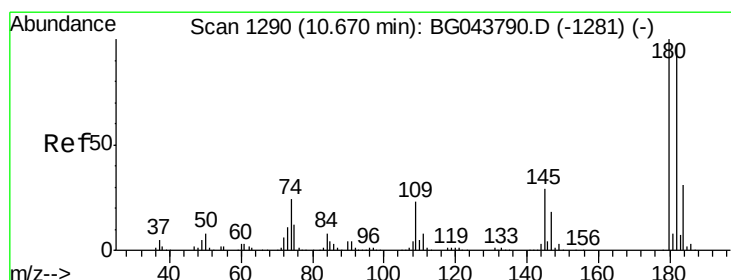
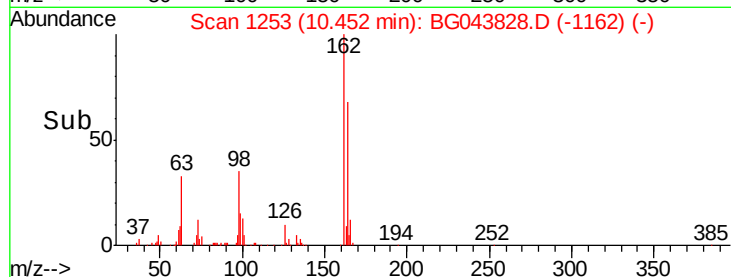
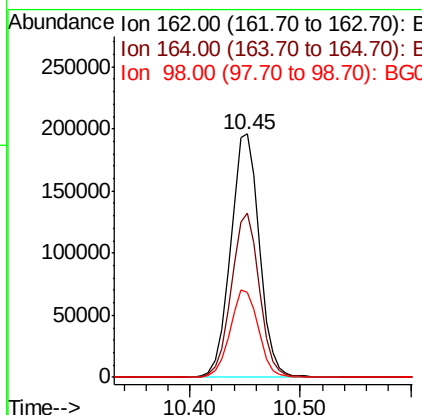
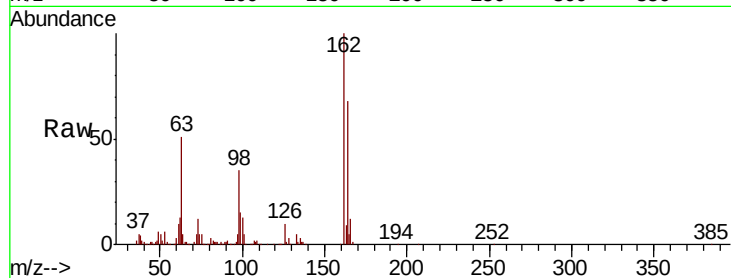
#29
 2,4-Dichlorophenol
 Concen: 45.045 ng
 RT: 10.45 min Scan# 1253
 Delta R.T. 0.00 min
 Lab File: BG043828.D
 Acq: 17 Dec 2019 20:38

Instrument :
 BNA_G
 ClientSampled :
 TP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	357851		
164	67.5	48.0	88.0	
98	35.1	14.9	54.9	

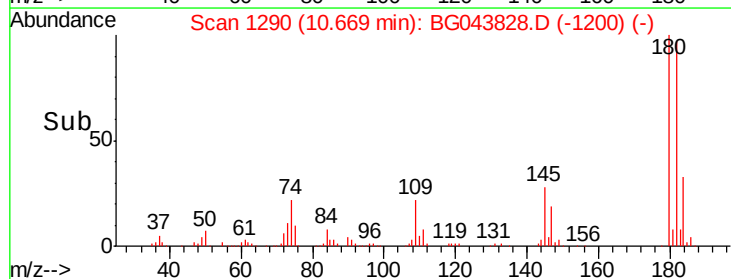
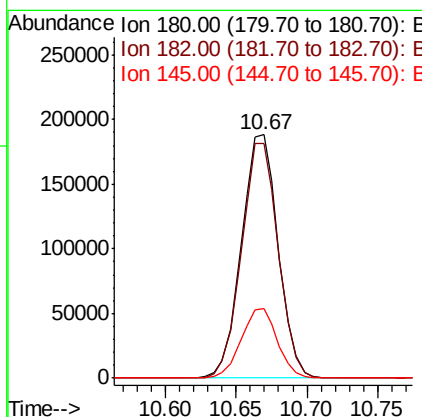
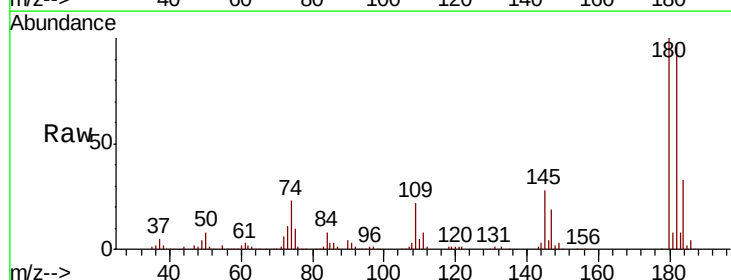
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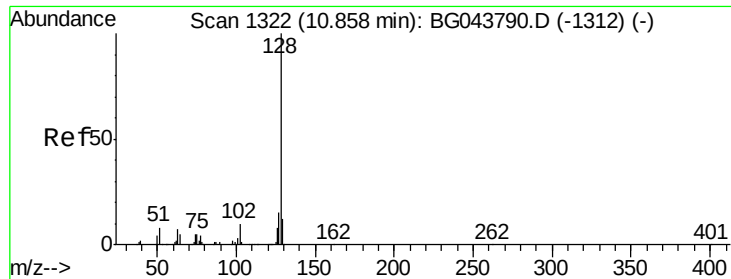
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 36.373 ng
 RT: 10.67 min Scan# 1290
 Delta R.T. -0.00 min
 Lab File: BG043828.D
 Acq: 17 Dec 2019 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	342055		
182	96.6	77.8	116.8	
145	28.5	23.0	34.6	





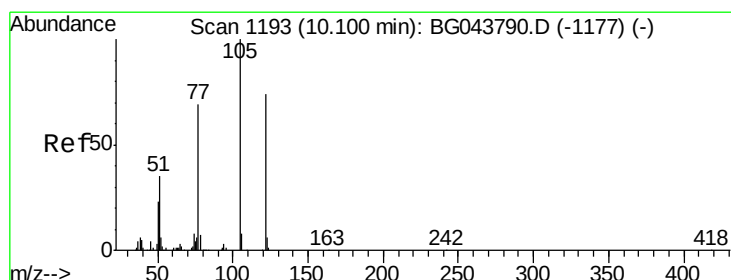
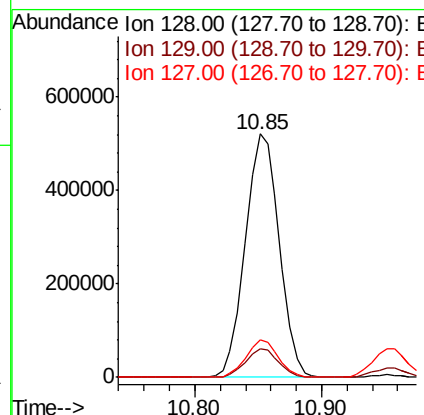
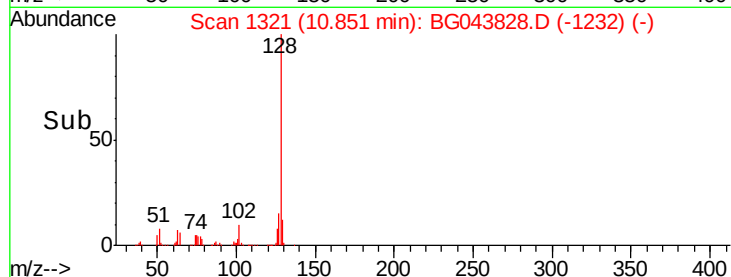
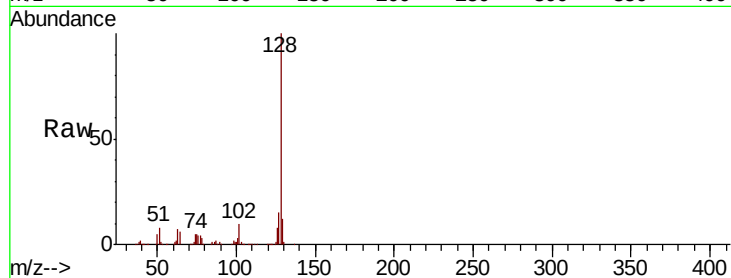
#31
Naphthalene
Concen: 39.136 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG043828.D
Acq: 17 Dec 2019 20:38

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.9	9.8	14.6	
127	15.2	11.9	17.9	

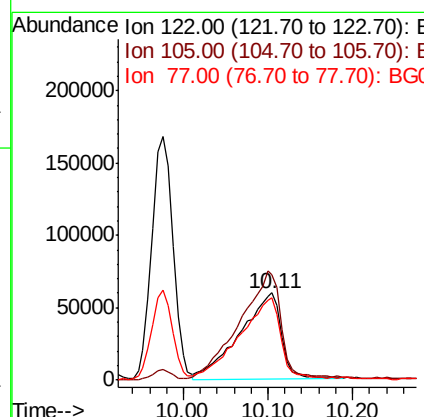
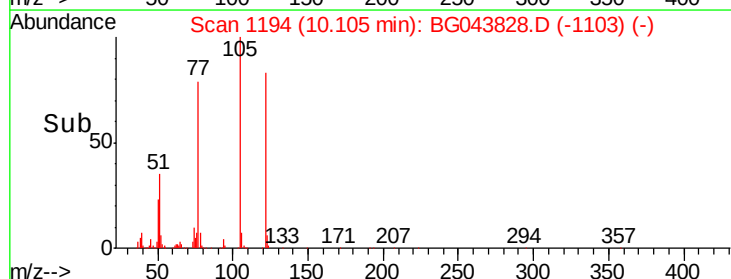
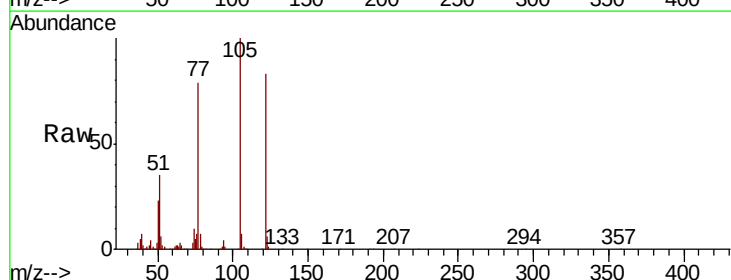
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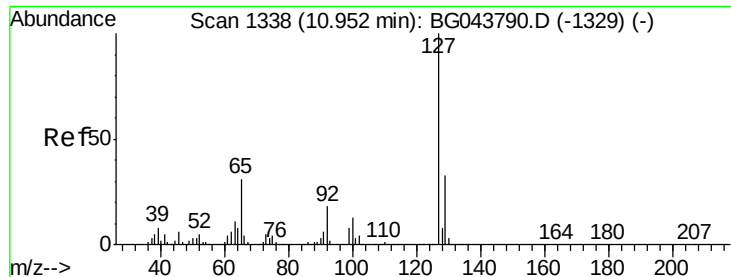
mohammad
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#32
Benzoic acid
Concen: 45.299 ng
RT: 10.11 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BG043828.D
Acq: 17 Dec 2019 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	120.6	107.5	147.5	
77	95.0	71.7	111.7	





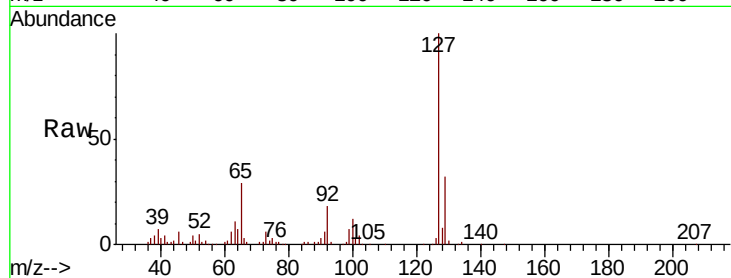
#33
4-Chloroaniline
Concen: 9.811 ng
RT: 10.96 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BG043828.D
Acq: 17 Dec 2019 20:38

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		117471		
129	31.7	26.1	39.1		
65	29.4	24.4	36.6		
92	17.9	14.6	22.0		

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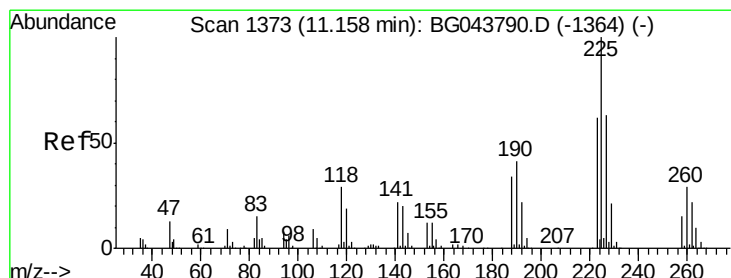
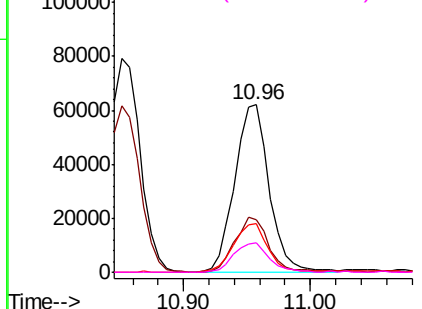
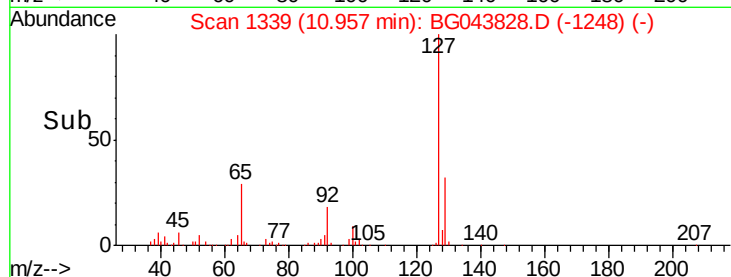
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

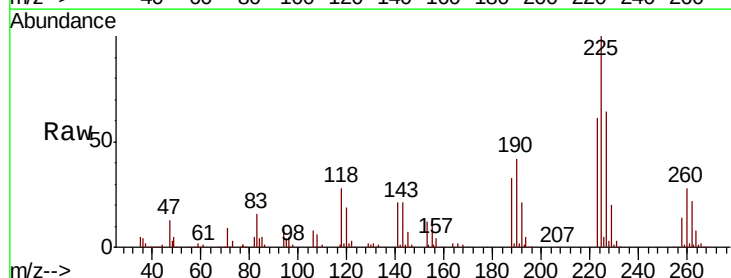
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 35.769 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BG043828.D
Acq: 17 Dec 2019 20:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		203816		
223	61.5	49.3	73.9		
227	64.0	50.2	75.2		

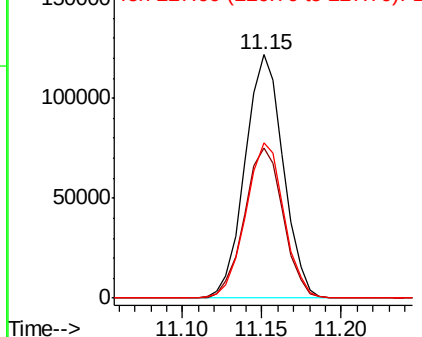
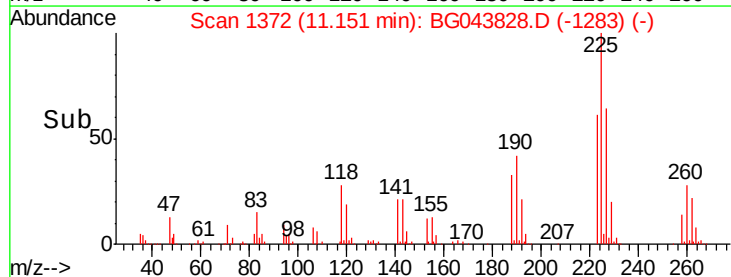


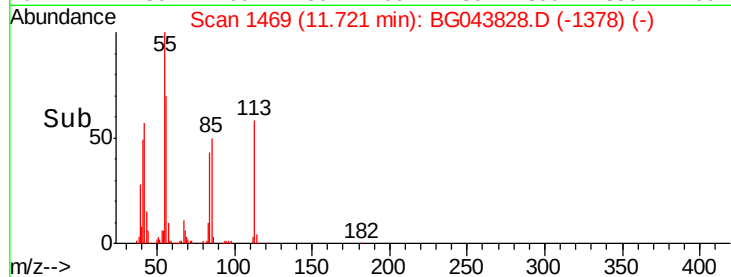
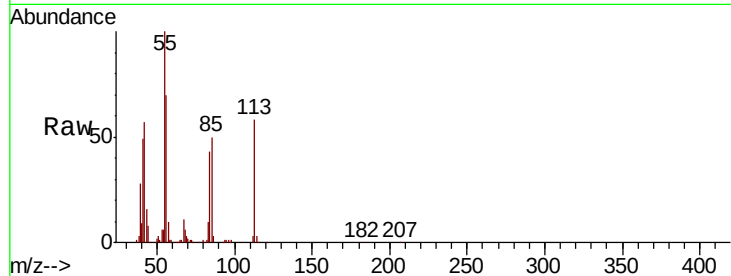
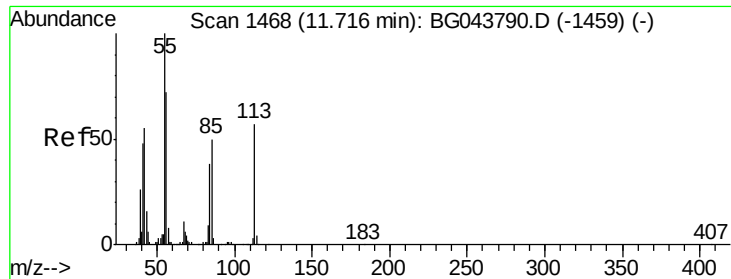
Abundance

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





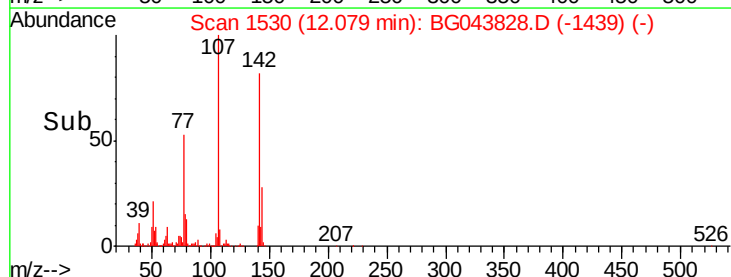
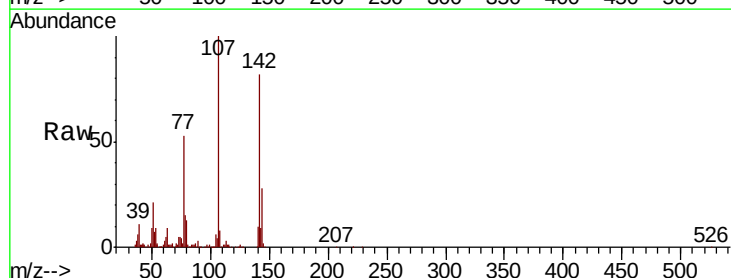
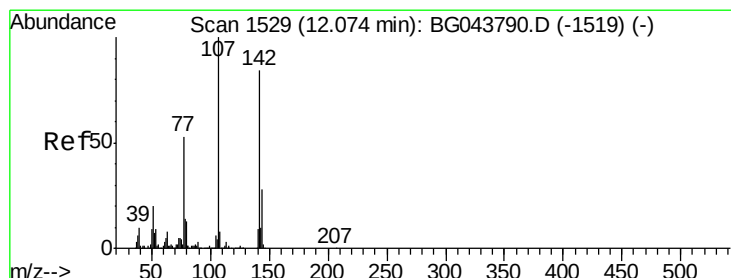
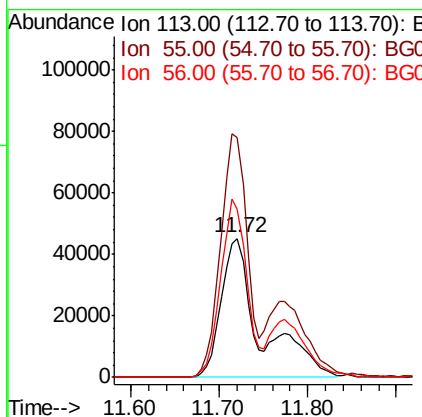
#35
Caprolactam
Concen: 43.924 ng/ml
RT: 11.72 min Scan# 1469
Delta R.T. 0.00 min
Lab File: BG043828.D
Acq: 17 Dec 2019 20:38

Instrument :
BNA_G
ClientSampled :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	172.6	154.2	194.2
56	121.2	105.6	145.6

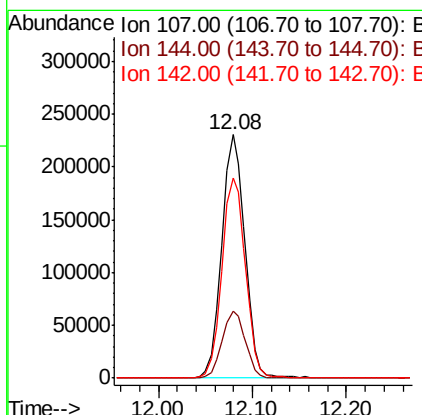
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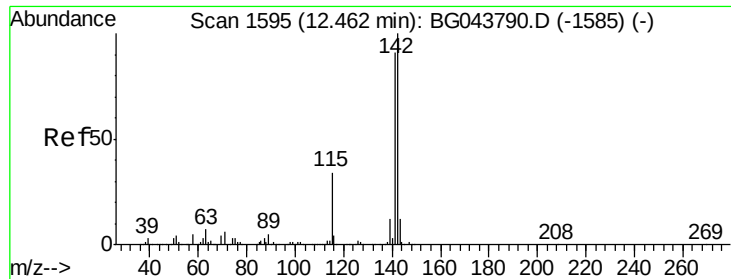
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#36
4-Chloro-3-methylphenol
Concen: 46.073 ng/ml
RT: 12.08 min Scan# 1530
Delta R.T. 0.00 min
Lab File: BG043828.D
Acq: 17 Dec 2019 20:38

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.7	22.2	33.4
142	82.2	67.0	100.6





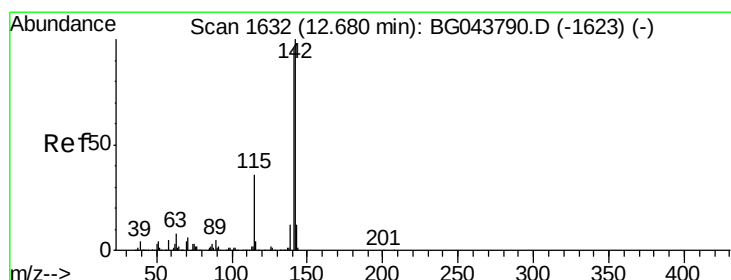
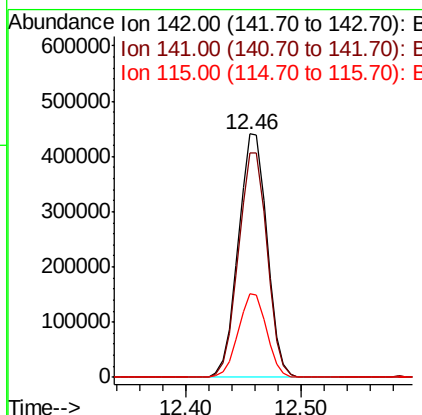
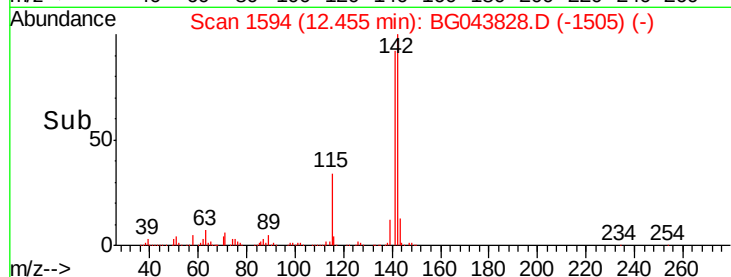
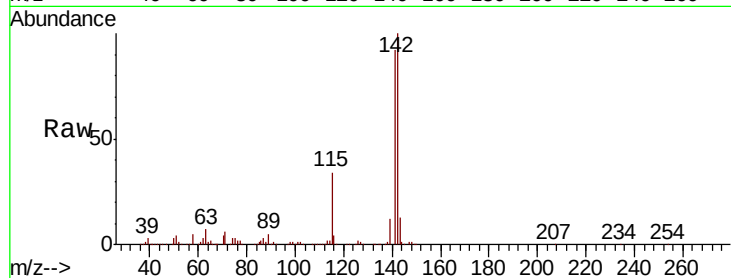
#37
2-Methylnaphthalene
Concen: 39.752 ng
RT: 12.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BG043828.D
Acq: 17 Dec 2019 20:38

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.3	73.2	109.8
115	34.5	27.3	40.9

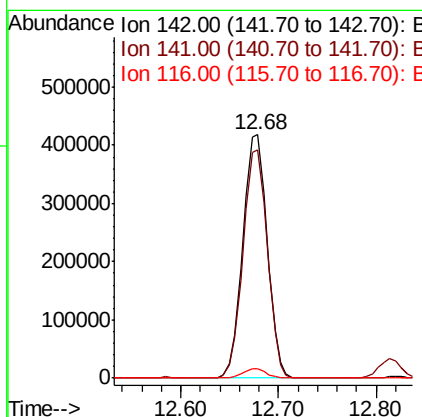
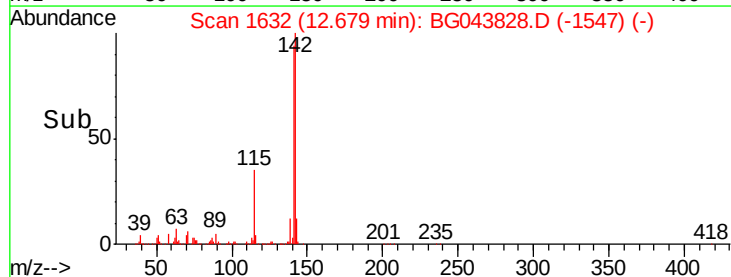
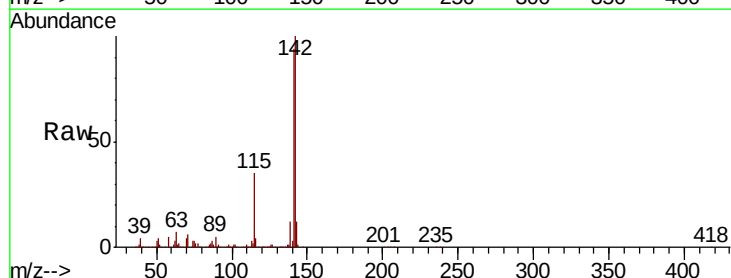
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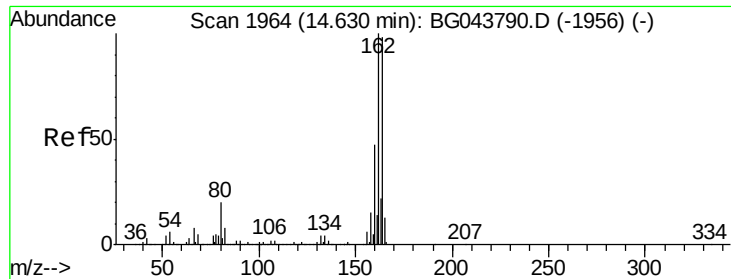
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#38
1-Methylnaphthalene
Concen: 39.901 ng
RT: 12.68 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BG043828.D
Acq: 17 Dec 2019 20:38

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.7	76.9	115.3
116	3.9	3.2	4.8





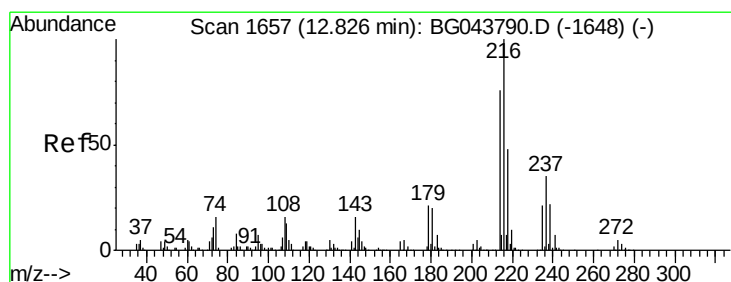
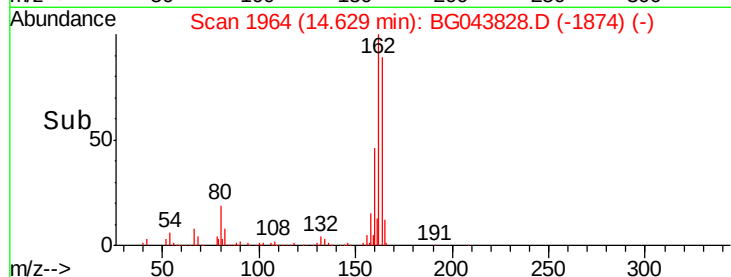
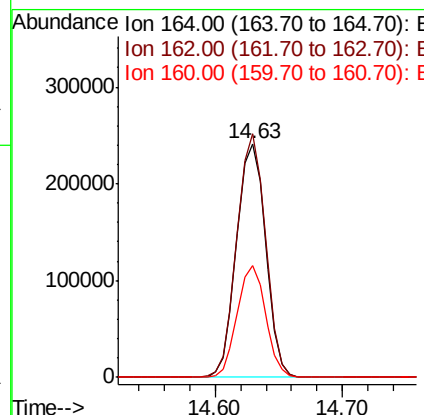
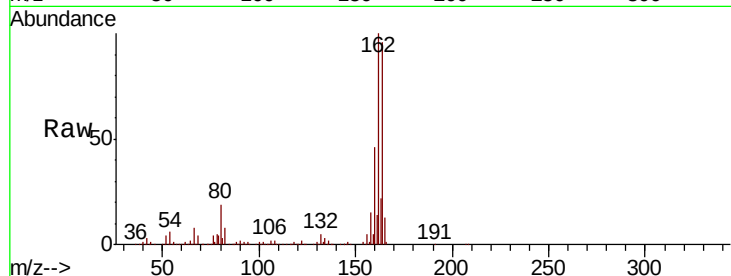
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BG043828.D
Acq: 17 Dec 2019 20:38

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.3	81.9	122.9	
160	48.1	38.3	57.5	

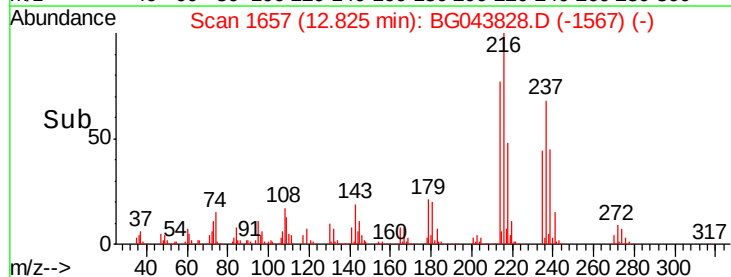
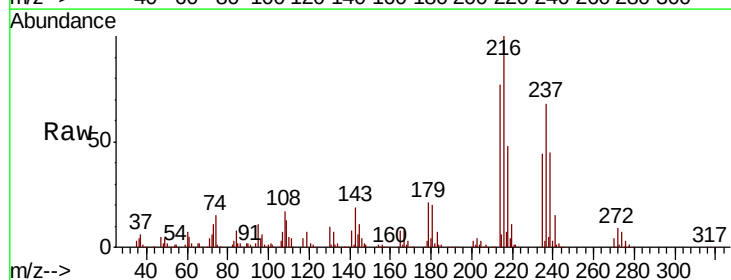
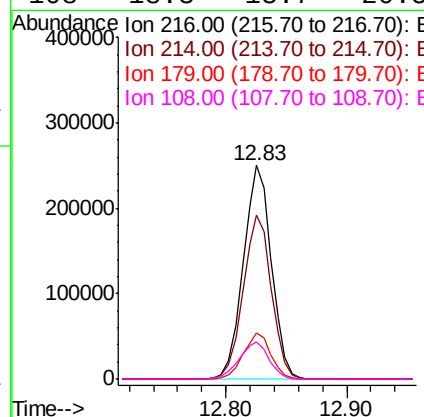
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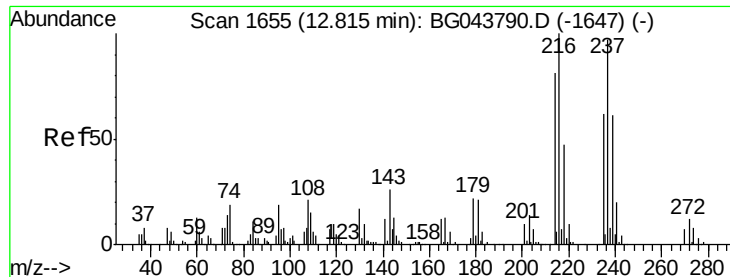
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 35.148 ng
RT: 12.83 min Scan# 1657
Delta R.T. -0.00 min
Lab File: BG043828.D
Acq: 17 Dec 2019 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	76.9	62.2	93.4	
179	21.1	16.6	25.0	
108	18.3	13.7	20.5	





#41

Hexachlorocyclopentadiene

Concen: 83.376 ng

RT: 12.81 min Scan# 1655

Delta R.T. -0.00 min

Lab File: BG043828.D

Acq: 17 Dec 2019 20:38

Instrument :

BNA_G

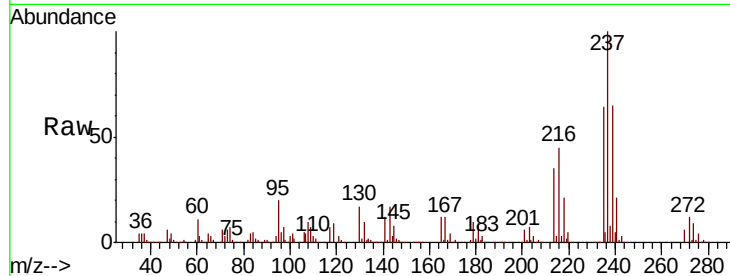
ClientSampleId :

TP-1MSD

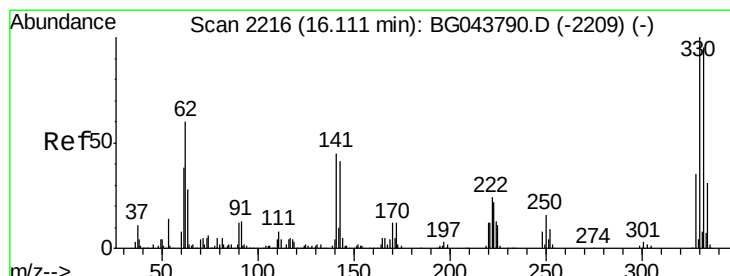
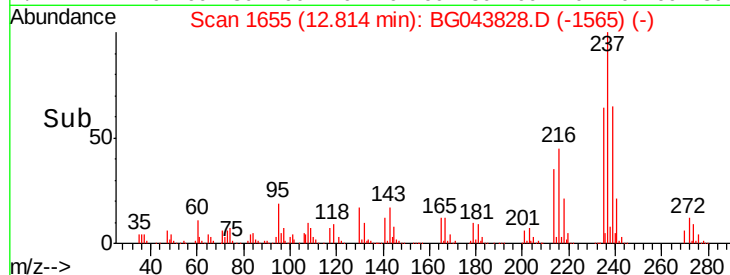
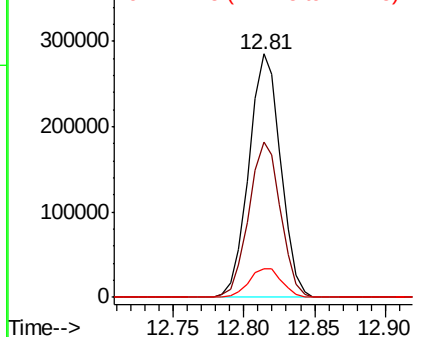
Tot Ion:	237	Resp:	450202
Ion Ratio		Lower	Upper
237	100		
235	63.8	43.9	83.9
272	11.9	0.0	32.0

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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: 131.204 ng

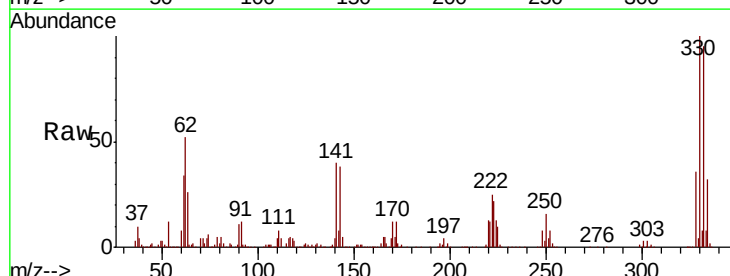
RT: 16.12 min Scan# 2217

Delta R.T. 0.00 min

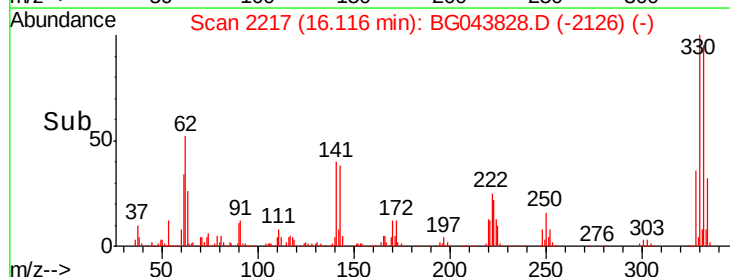
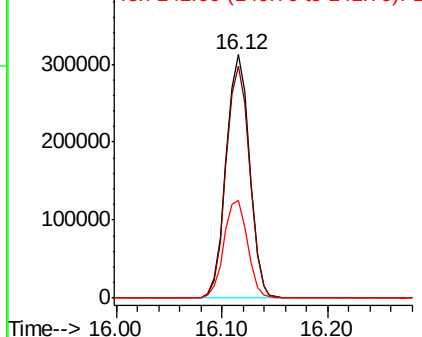
Lab File: BG043828.D

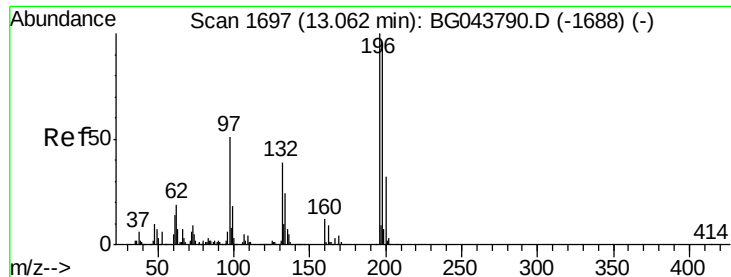
Acq: 17 Dec 2019 20:38

Tgt Ion:	330	Resp:	478868
Ion Ratio		Lower	Upper
330	100		
332	95.9	76.9	115.3
141	40.8	33.8	50.8



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





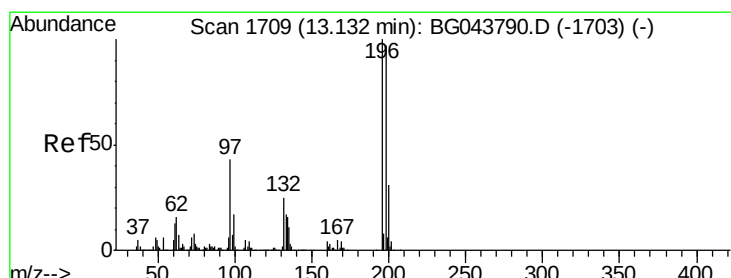
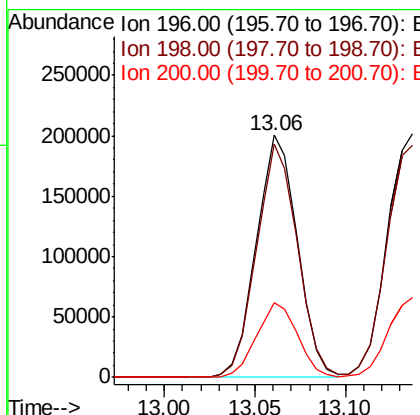
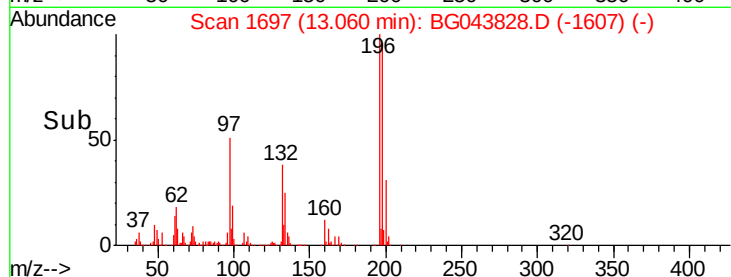
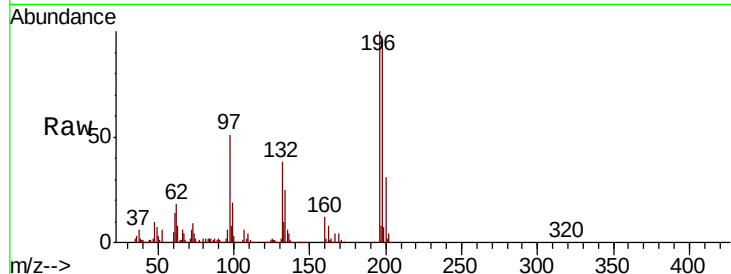
#43
 2,4,6-Trichlorophenol
 Concen: 43.108 ng
 RT: 13.06 min Scan# 1697
 Delta R.T. -0.00 min
 Lab File: BG043828.D
 Acq: 17 Dec 2019 20:38

Instrument :
 BNA_G
 ClientSampled :
 TP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	315200		
198	96.5	77.0	115.6	
200	30.9	25.7	38.5	

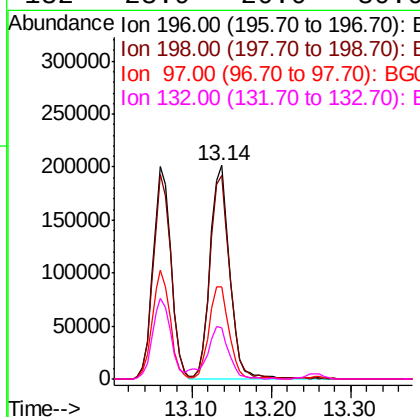
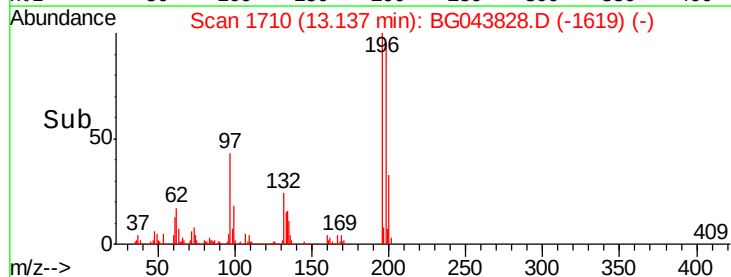
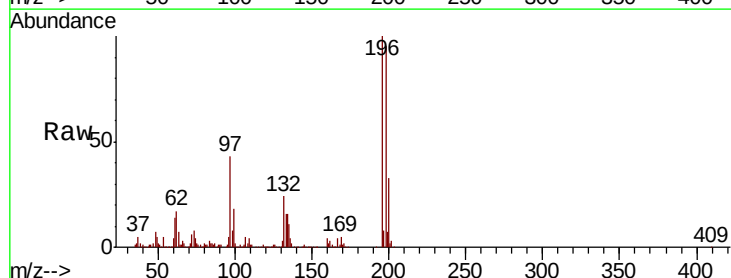
Manual Integrations
 APPROVED

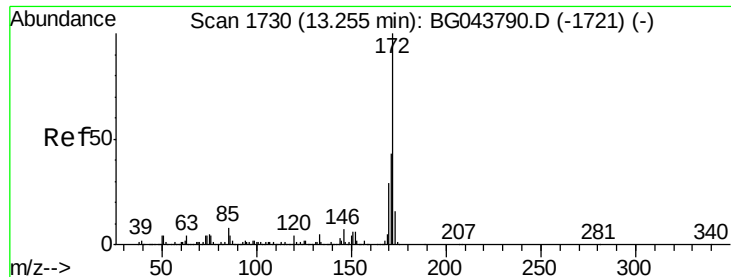
mohammad
 12/18/2019 2:40:50 PM



#44
 2,4,5-Trichlorophenol
 Concen: 45.162 ng
 RT: 13.14 min Scan# 1710
 Delta R.T. 0.00 min
 Lab File: BG043828.D
 Acq: 17 Dec 2019 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	345958		
198	95.4	77.4	116.0	
97	43.2	34.7	52.1	
132	23.9	20.0	30.0	





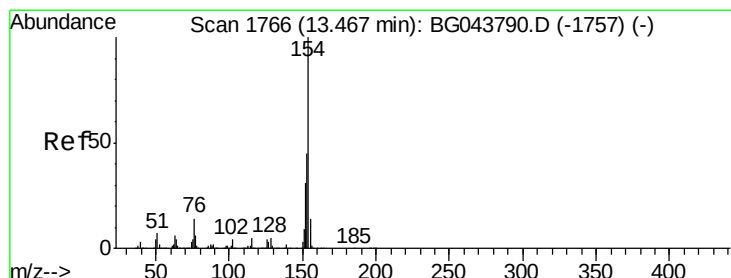
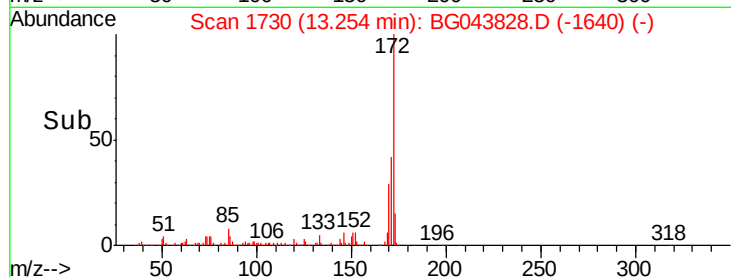
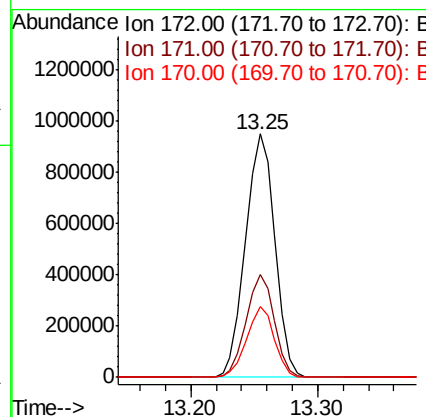
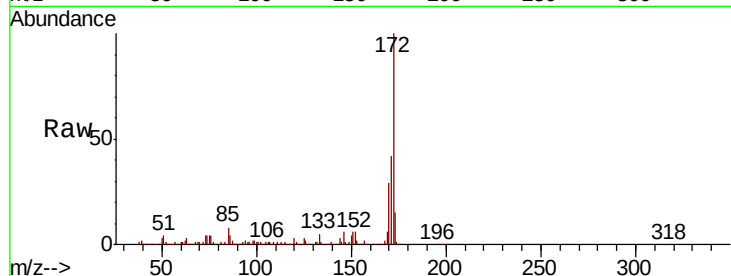
#45
2-Fluorobiphenyl
Concen: 70.059 ng
RT: 13.25 min Scan# 1730
Delta R.T. -0.00 min
Lab File: BG043828.D
Acq: 17 Dec 2019 20:38

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	42.0	34.6	51.8
170	29.0	23.3	34.9

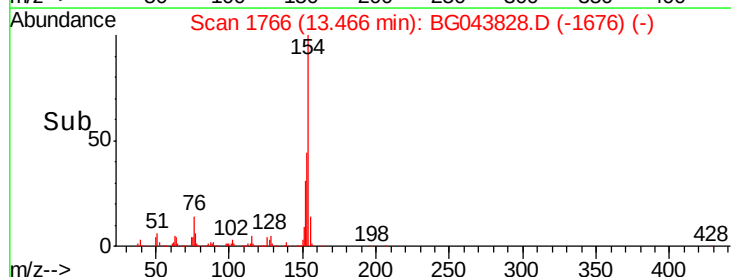
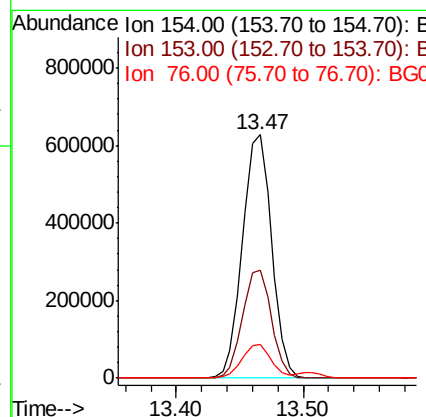
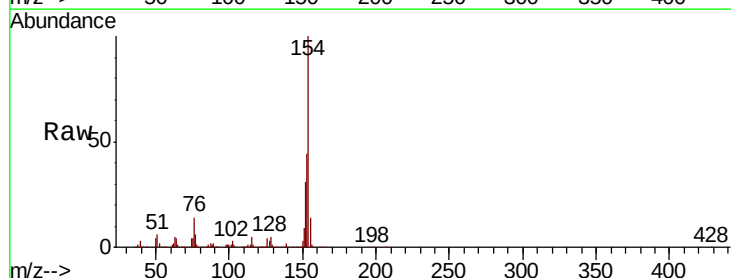
Manual Integrations
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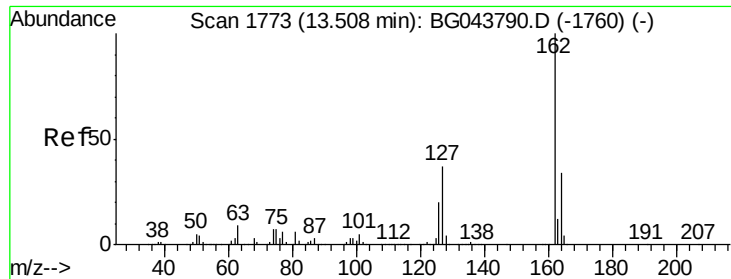
mohammad
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#46
1,1'-Biphenyl
Concen: 37.882 ng
RT: 13.47 min Scan# 1766
Delta R.T. -0.00 min
Lab File: BG043828.D
Acq: 17 Dec 2019 20:38

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.5	24.5	64.5
76	13.8	0.0	33.9





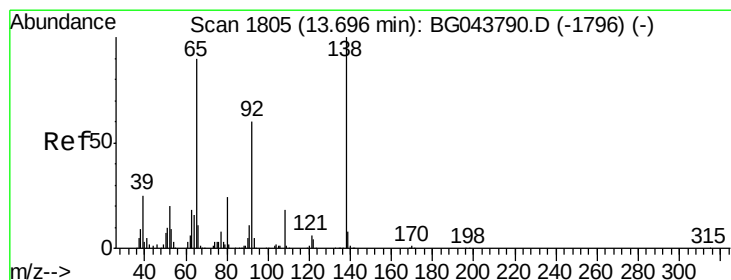
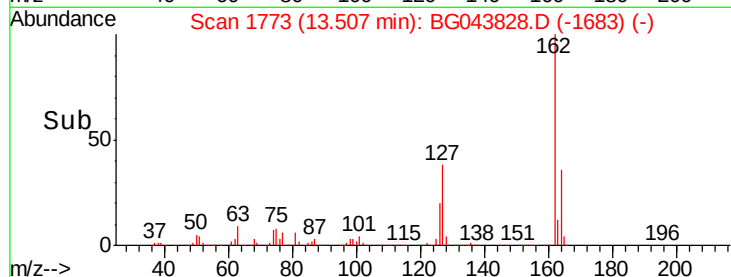
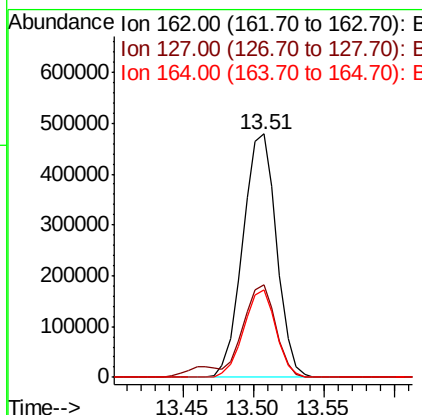
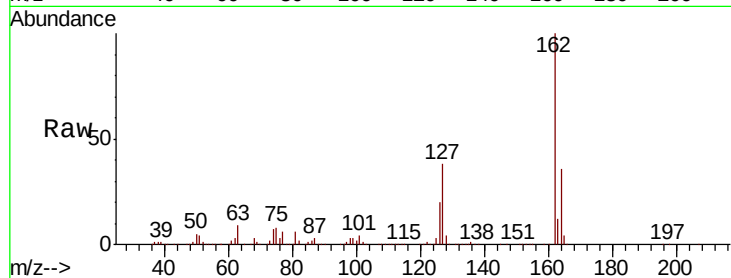
#47
2-Chloronaphthalene
Concen: 37.064 ng
RT: 13.51 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BG043828.D
Acq: 17 Dec 2019 20:38

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.8	30.0	45.0
164	35.9	27.6	41.4

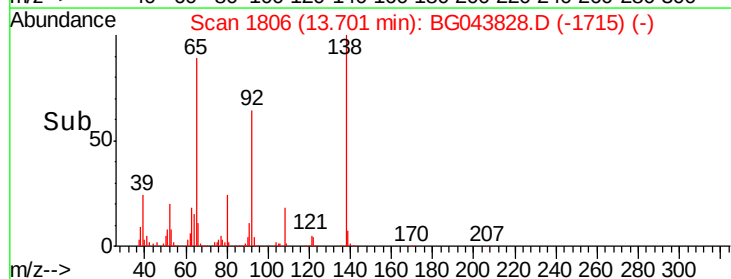
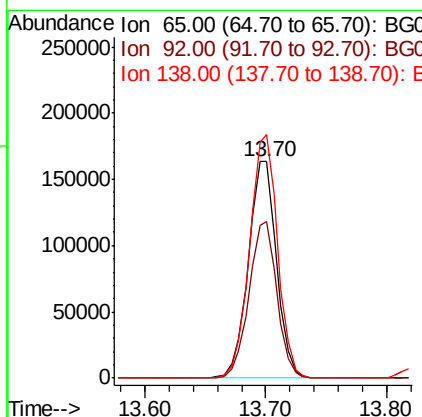
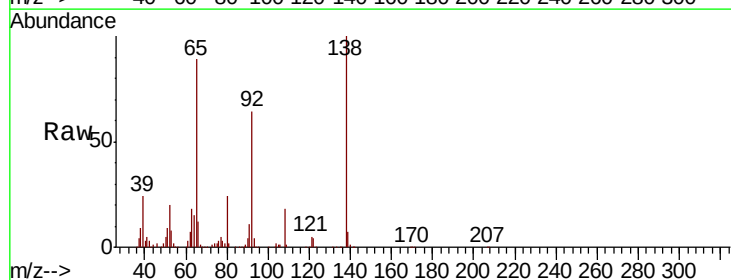
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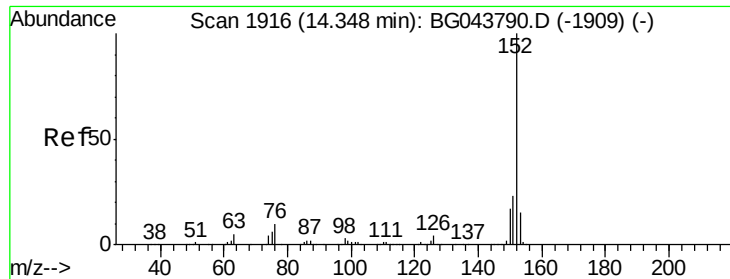
mohammad
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#48
2-Nitroaniline
Concen: 41.816 ng
RT: 13.70 min Scan# 1806
Delta R.T. 0.00 min
Lab File: BG043828.D
Acq: 17 Dec 2019 20:38

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.4	53.7	80.5
138	112.4	88.8	133.2





#49

Acenaphthylene

Concen: 40.459 ng

RT: 14.35 min Scan# 1916

Delta R.T. -0.00 min

Lab File: BG043828.D

Acq: 17 Dec 2019 20:38

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

Tot Ion:152 Resp: 1300435

Ion Ratio Lower Upper

152 100

151 23.6 18.5 27.7

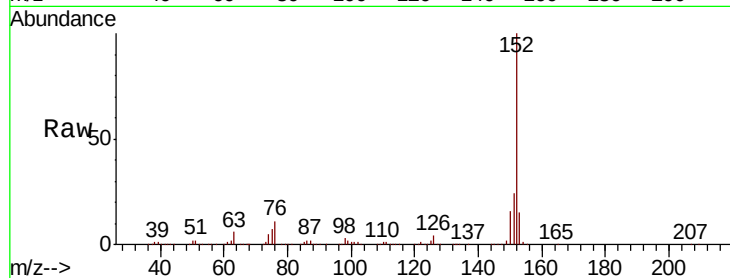
153 15.2 11.8 17.8

Manual Integrations

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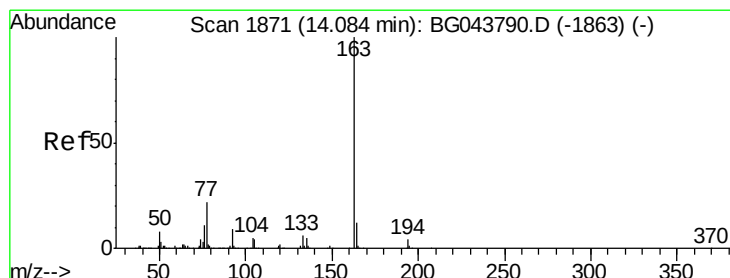
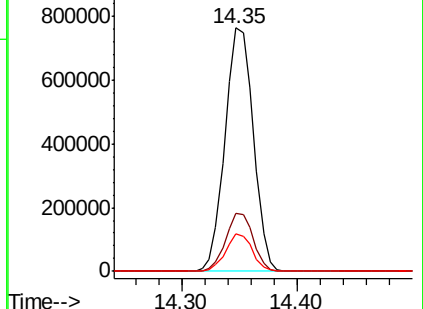
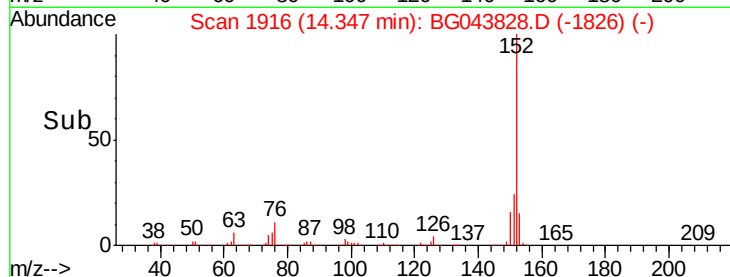
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.783 ng

RT: 14.08 min Scan# 1871

Delta R.T. -0.00 min

Lab File: BG043828.D

Acq: 17 Dec 2019 20:38

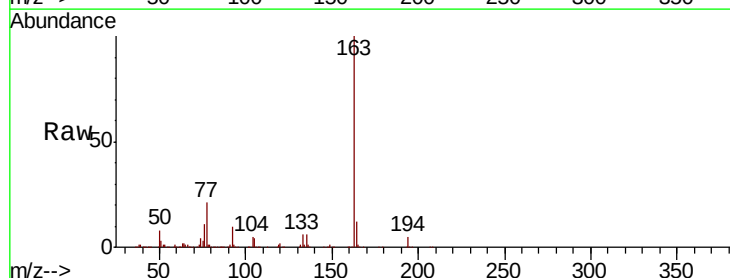
Tgt Ion:163 Resp: 1169045

Ion Ratio Lower Upper

163 100

194 4.7 3.6 5.4

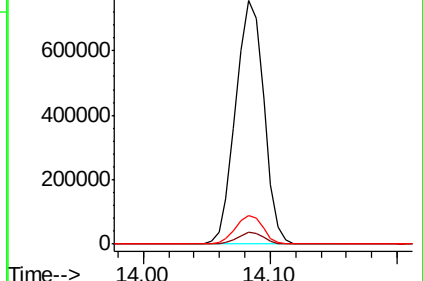
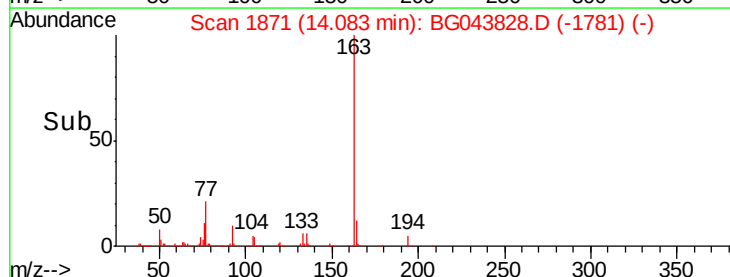
164 11.6 9.4 14.0

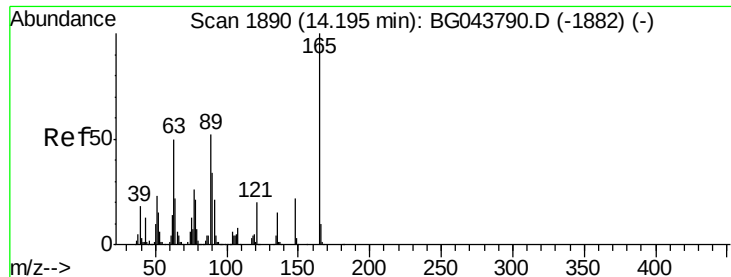


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 43.718 ng

RT: 14.19 min Scan# 1890

Delta R.T. -0.00 min

Lab File: BG043828.D

Acq: 17 Dec 2019 20:38

Instrument :

BNA_G

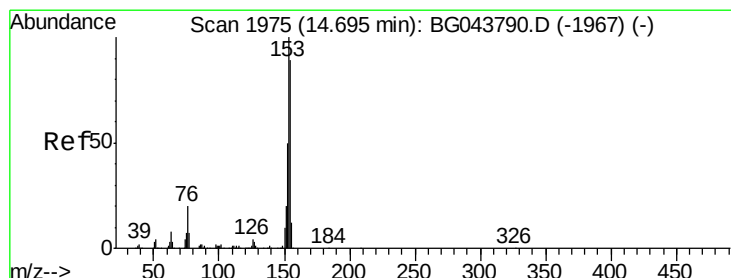
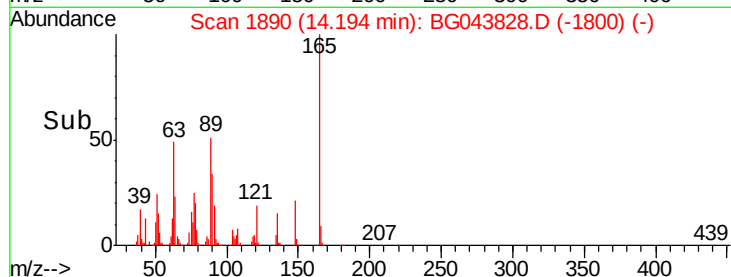
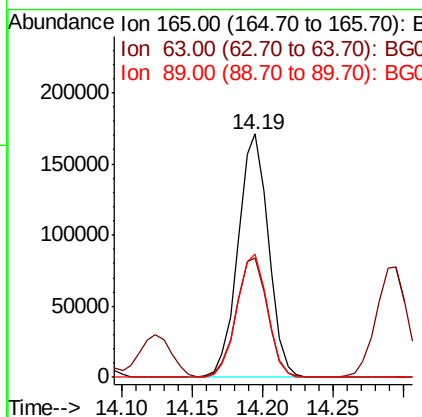
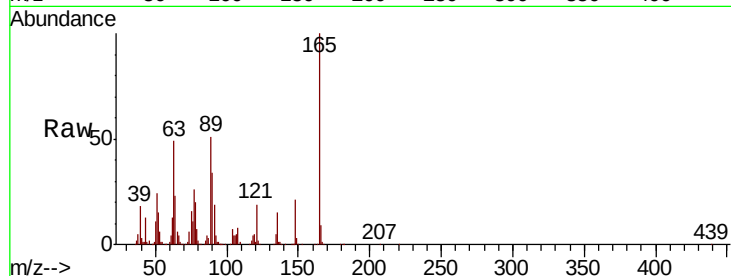
ClientSampleId :

TP-1MSD

Tot Ion:	165	Resp:	257439
Ion Ratio	Lower	Upper	
165	100		
63	49.0	40.3	60.5
89	50.9	41.8	62.8

Manual Integrations
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#52

Acenaphthene

Concen: 43.481 ng

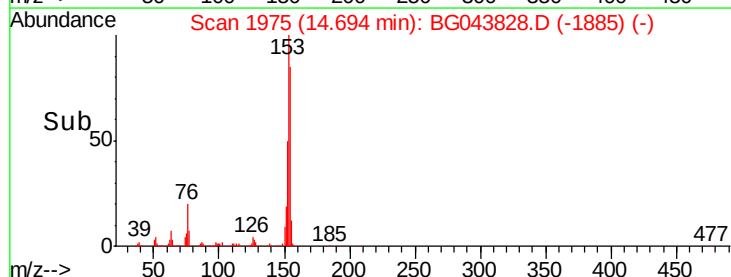
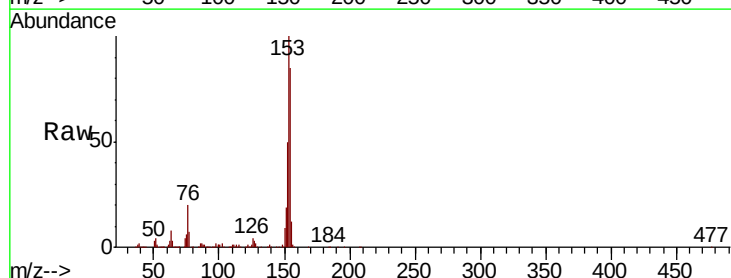
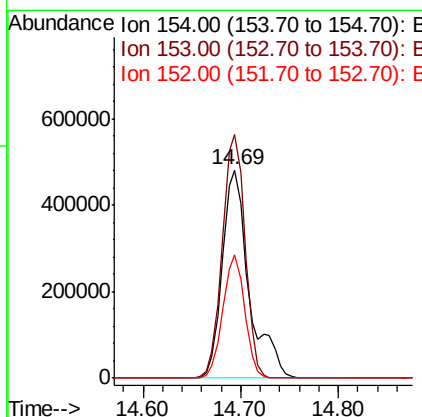
RT: 14.69 min Scan# 1975

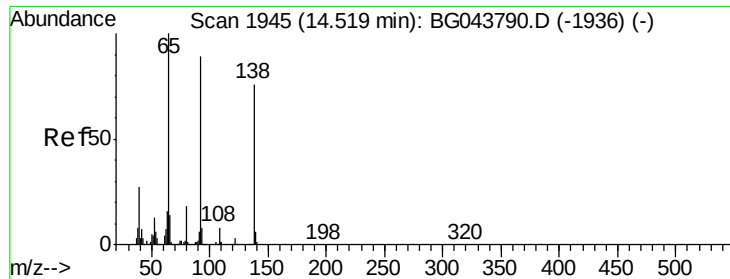
Delta R.T. -0.00 min

Lab File: BG043828.D

Acq: 17 Dec 2019 20:38

Tgt Ion:	154	Resp:	919404
Ion Ratio	Lower	Upper	
154	100		
153	117.0	89.5	134.3
152	59.0	45.0	67.4





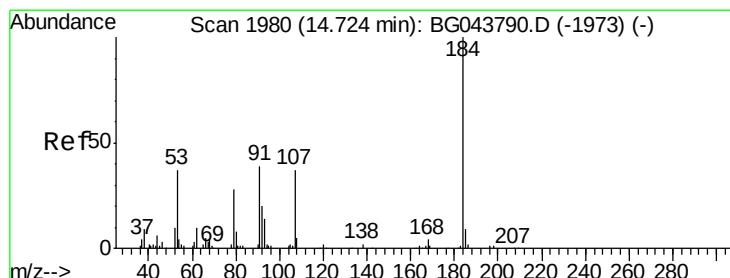
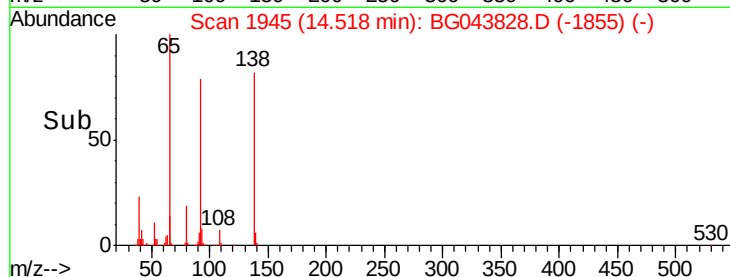
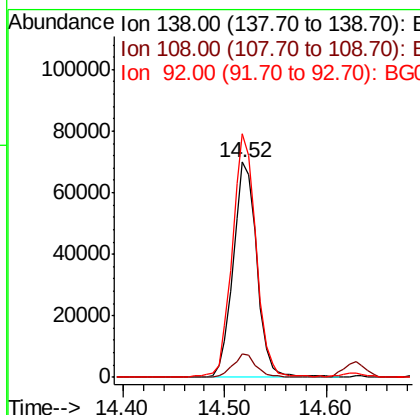
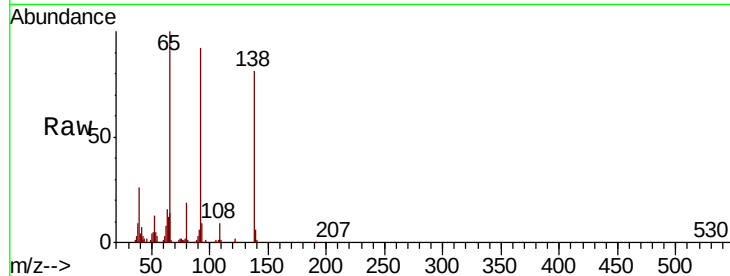
#53
3-Nitroaniline
Concen: 16.819 ng
RT: 14.52 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BG043828.D
Acq: 17 Dec 2019 20:38

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.8	8.1	12.1
92	113.2	94.6	141.8

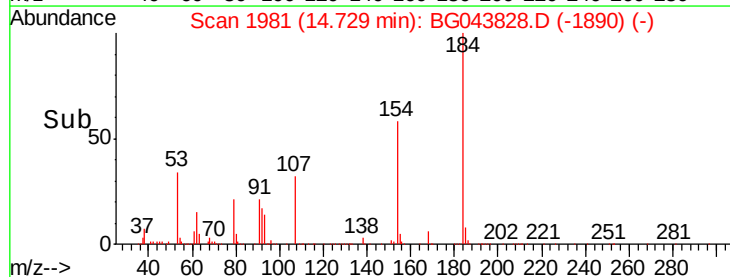
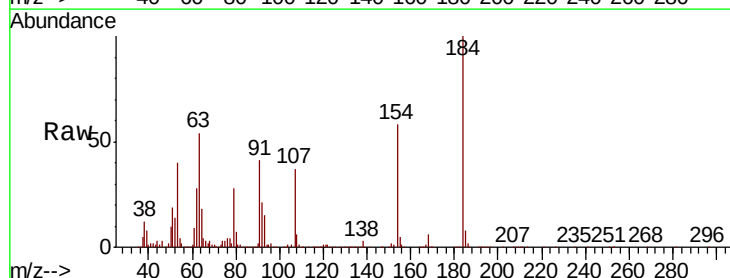
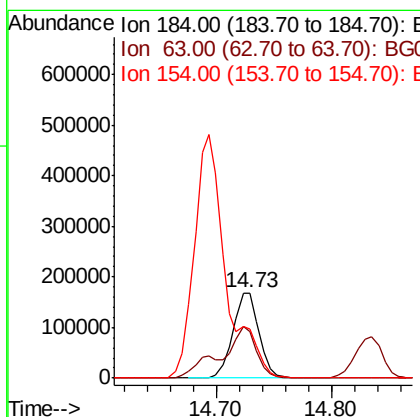
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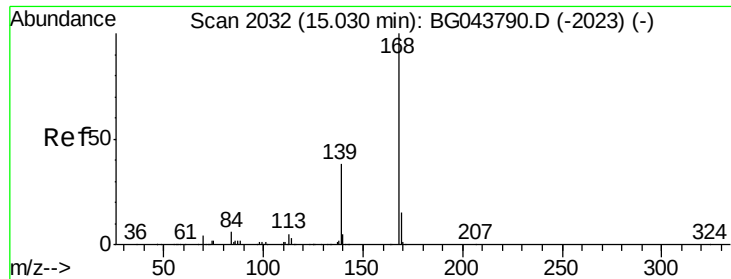
mohammad
12/18/2019 2:40:50 PM



#54
2,4-Dinitrophenol
Concen: 99.494 ng
RT: 14.73 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BG043828.D
Acq: 17 Dec 2019 20:38

Tgt Ion	Ratio	Lower	Upper
184	100		
63	54.4	43.4	65.0
154	58.0	54.8	82.2





#55

Dibenzenofuran

Concen: 40.387 ng

RT: 15.03 min Scan# 2032

Delta R.T. -0.00 min

Lab File: BG043828.D

Acq: 17 Dec 2019 20:38

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

Tot Ion:168 Resp: 1264109

Ion Ratio Lower Upper

168 100

139 37.8 30.4 45.6

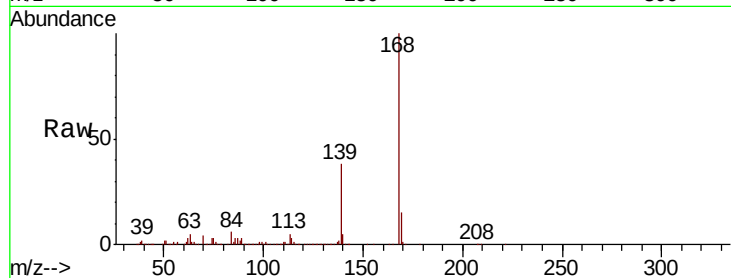
169 15.4 12.0 18.0

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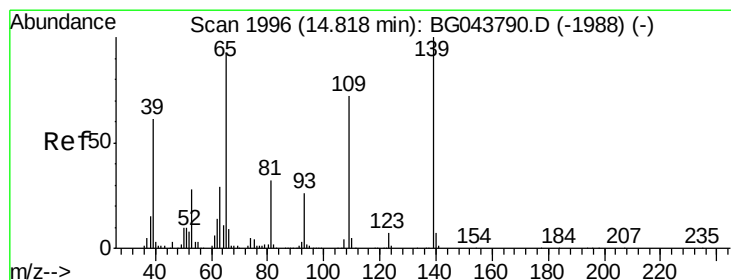
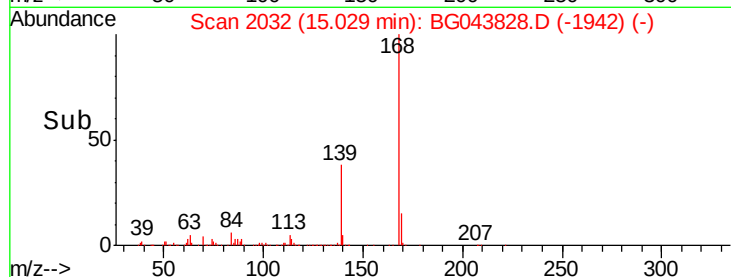
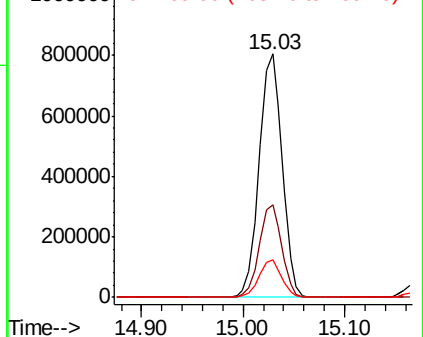


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 96.122 ng

RT: 14.83 min Scan# 1999

Delta R.T. 0.02 min

Lab File: BG043828.D

Acq: 17 Dec 2019 20:38

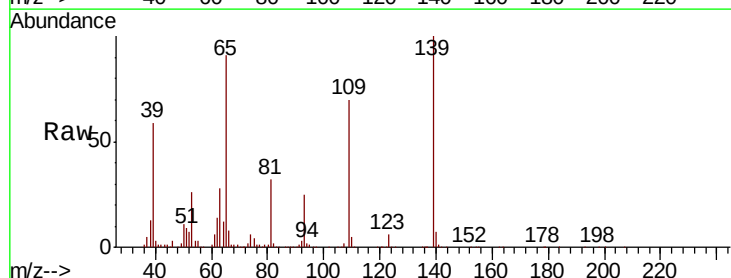
Tgt Ion:139 Resp: 472552

Ion Ratio Lower Upper

139 100

109 70.5 51.5 91.5

65 90.8 73.7 113.7

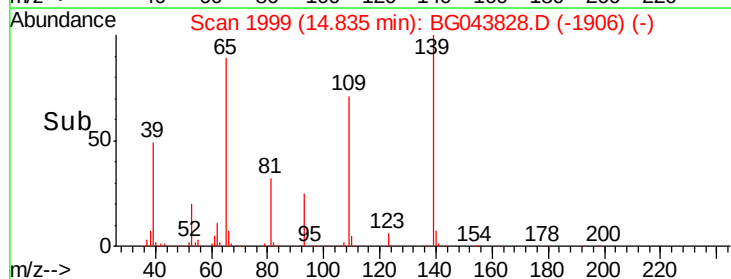
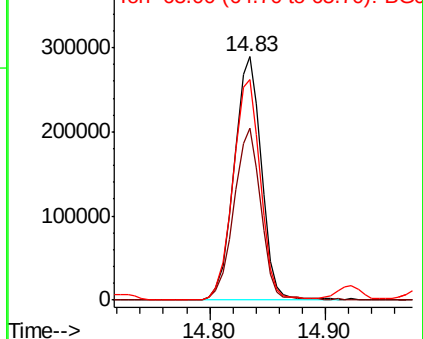


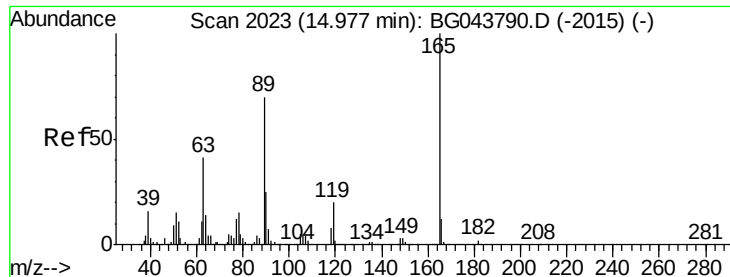
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





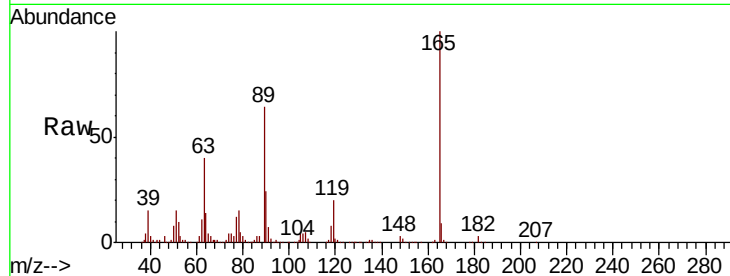
#57
2,4-Dinitrotoluene
Concen: 45.720 ng
RT: 14.98 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BG043828.D
Acq: 17 Dec 2019 20:38

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

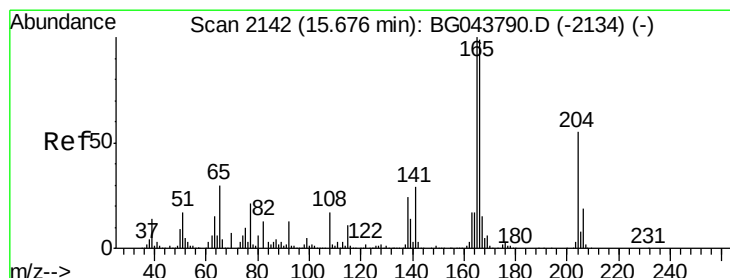
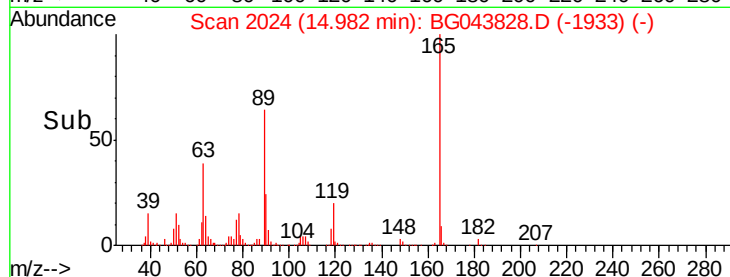
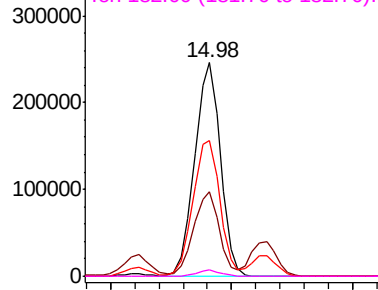
Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		363787		
63	39.6		32.7	49.1	
89	63.8		56.1	84.1	
182	2.9		2.0	3.0	

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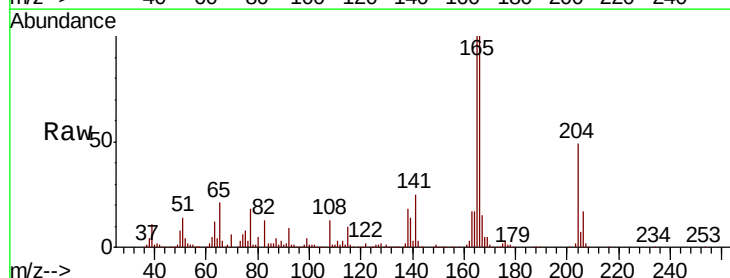


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

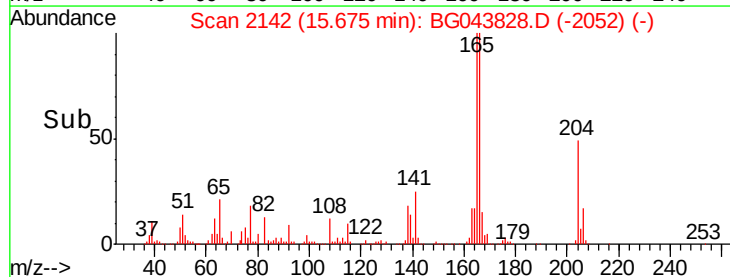
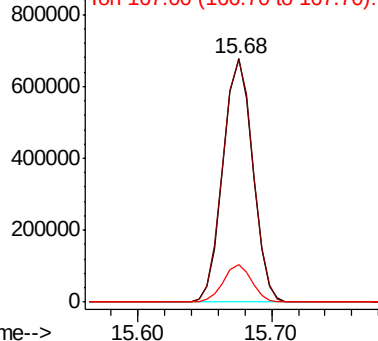


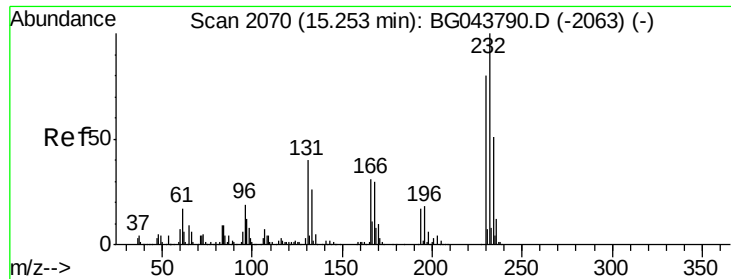
#58
Fluorene
Concen: 41.059 ng
RT: 15.68 min Scan# 2142
Delta R.T. -0.00 min
Lab File: BG043828.D
Acq: 17 Dec 2019 20:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1035845		
165	99.8		80.5	120.7	
167	15.2		12.1	18.1	



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





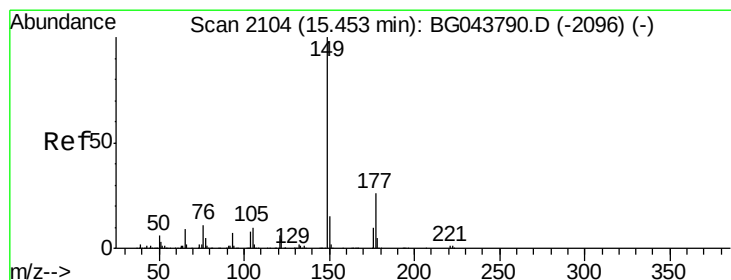
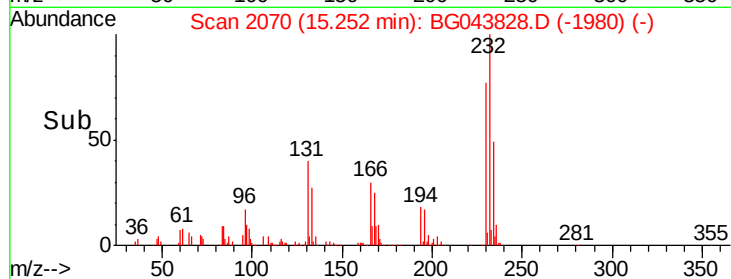
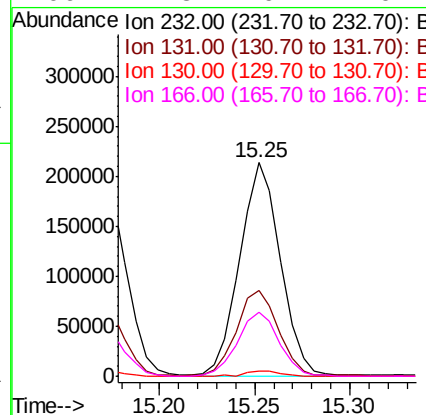
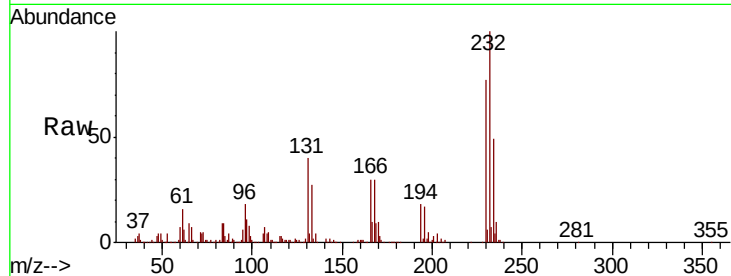
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.379 ng
RT: 15.25 min Scan# 2070
Delta R.T. -0.00 min
Lab File: BG043828.D
Acq: 17 Dec 2019 20:38

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	318772		
131	35.1		27.9	41.9
130	2.5		1.8	2.8
166	24.3		19.4	29.2

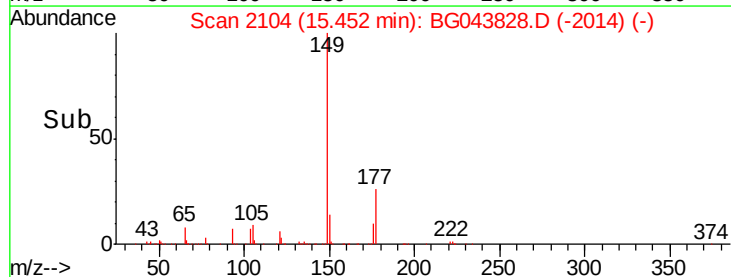
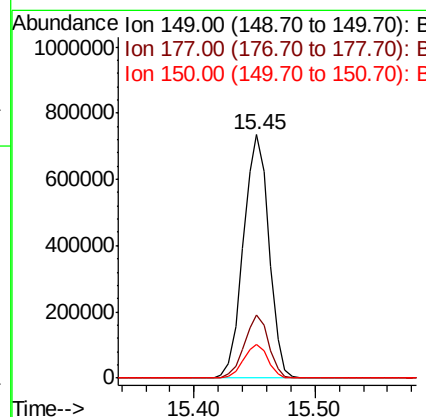
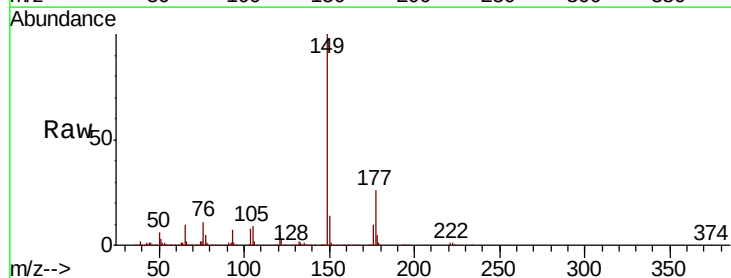
Manual Integrations
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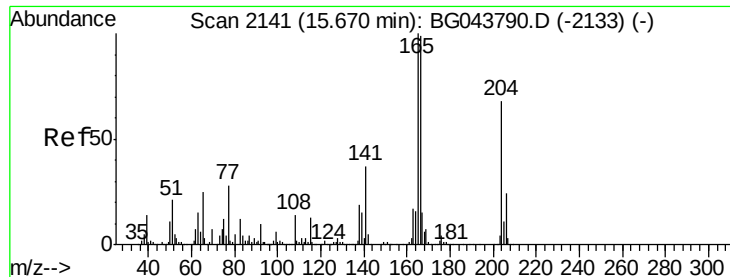
mohammad
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#60
Diethylphthalate
Concen: 39.653 ng
RT: 15.45 min Scan# 2104
Delta R.T. -0.00 min
Lab File: BG043828.D
Acq: 17 Dec 2019 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1082297		
177	25.9		20.4	30.6
150	13.8		11.6	17.4





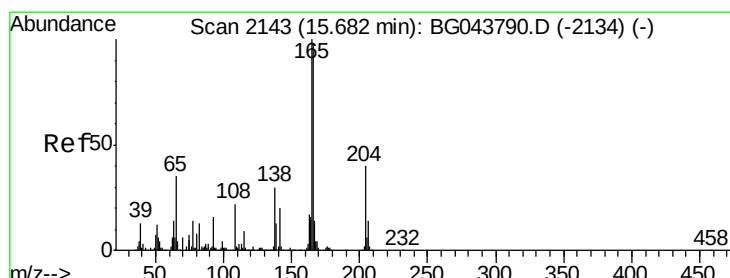
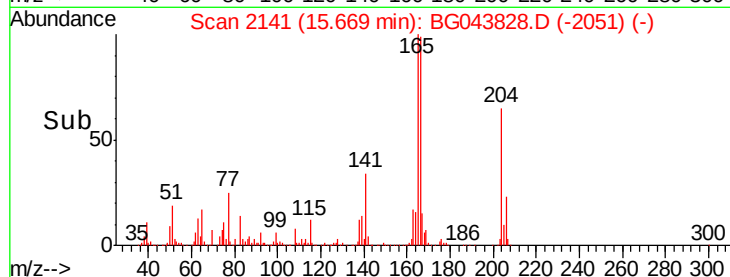
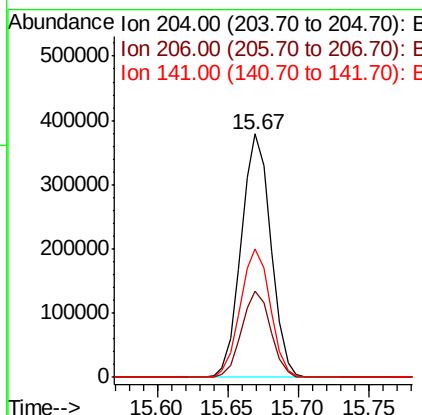
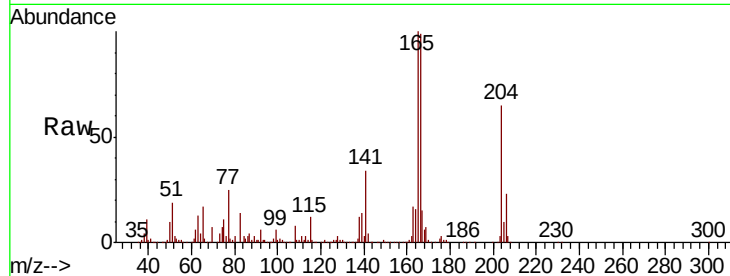
#61
4-Chlorophenyl-phenylether
Concen: 39.374 ng
RT: 15.67 min Scan# 2141
Delta R.T. -0.00 min
Lab File: BG043828.D
Acq: 17 Dec 2019 20:38

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100	556310		
206	35.3	28.1	42.1	
141	53.0	44.1	66.1	

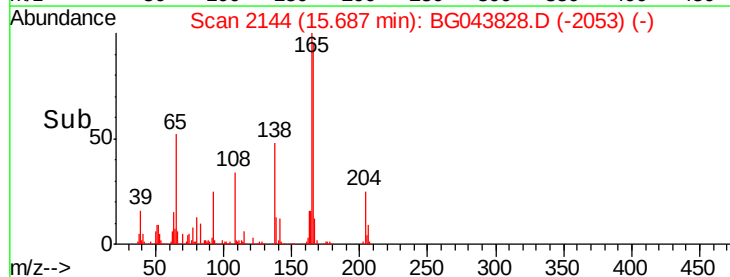
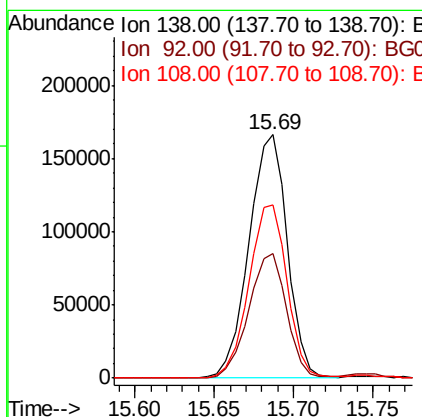
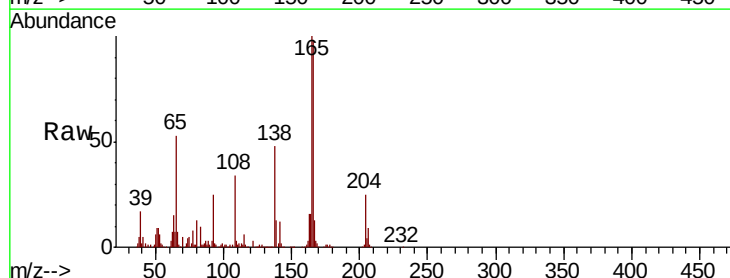
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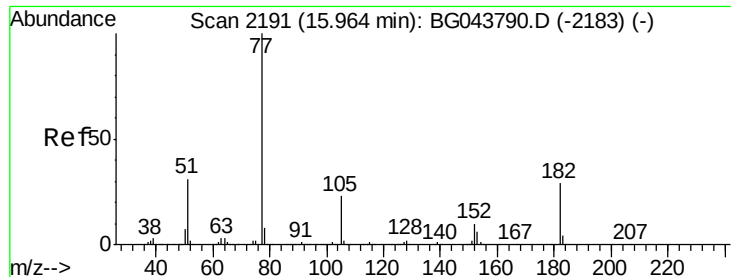
mohammad
12/18/2019 2:40:50 PM



#62
4-Nitroaniline
Concen: 40.062 ng
RT: 15.69 min Scan# 2144
Delta R.T. 0.00 min
Lab File: BG043828.D
Acq: 17 Dec 2019 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	279723		
92	51.3	31.5	71.5	
108	71.2	53.1	93.1	





#63

Azobenzene

Concen: 40.386 ng

RT: 15.96 min Scan# 2191

Delta R.T. -0.00 min

Lab File: BG043828.D

Acq: 17 Dec 2019 20:38

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

Tot Ion: 77 Resp: 1012674

Ion Ratio Lower Upper

77 100

182 31.1 9.0 49.0

105 23.5 2.9 42.9

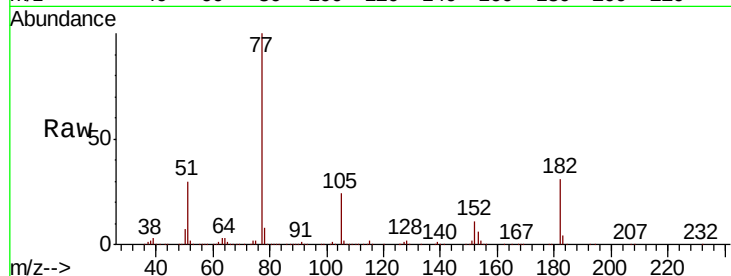
51 30.5 10.6 50.6

Manual Integrations

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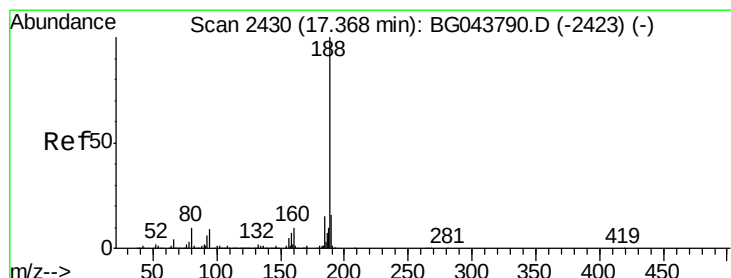
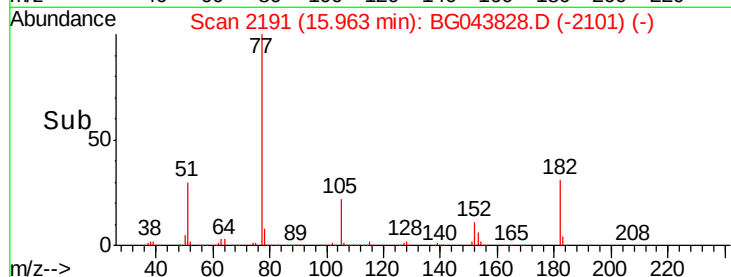
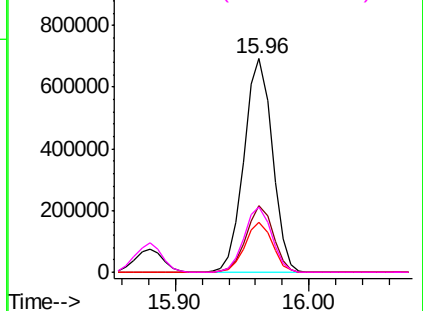


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.37 min Scan# 2431

Delta R.T. 0.00 min

Lab File: BG043828.D

Acq: 17 Dec 2019 20:38

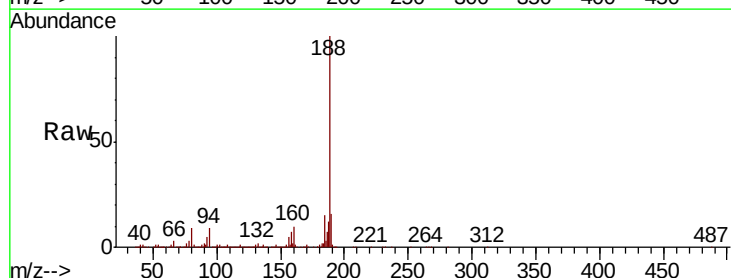
Tgt Ion: 188 Resp: 922143

Ion Ratio Lower Upper

188 100

94 8.6 6.9 10.3

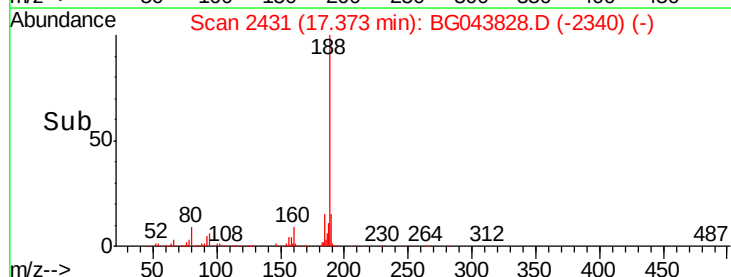
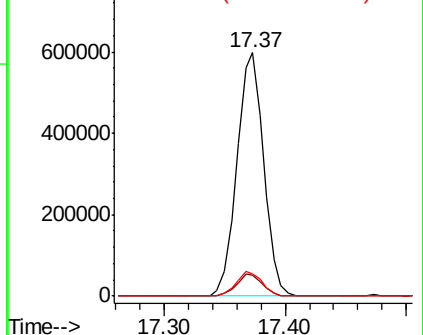
80 9.1 7.8 11.8

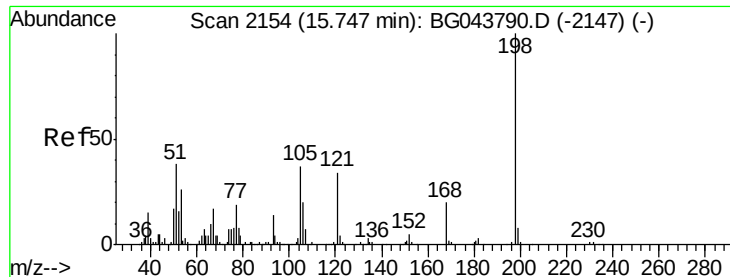


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 51.662 ng

RT: 15.75 min Scan# 2154

Delta R.T. -0.00 min

Lab File: BG043828.D

Acq: 17 Dec 2019 20:38

Instrument :

BNA_G

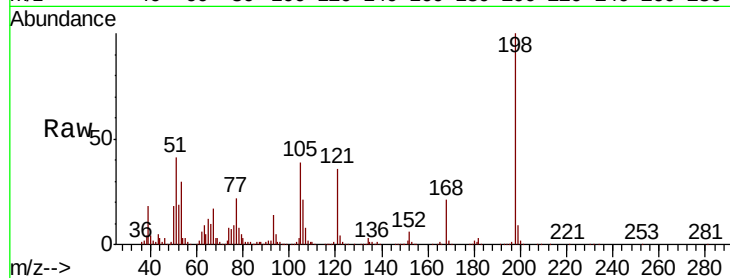
ClientSampleId :

TP-1MSD

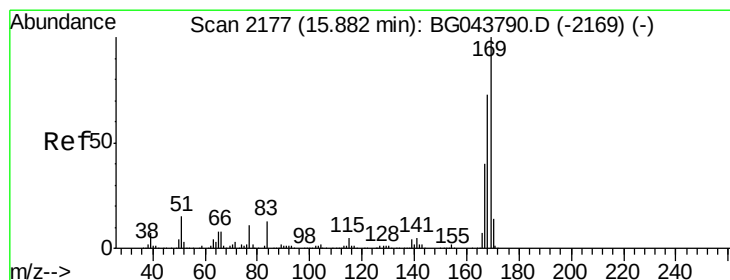
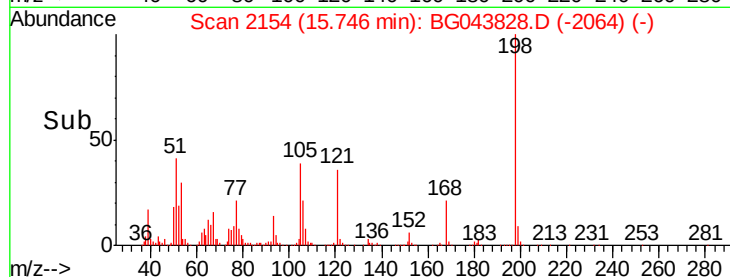
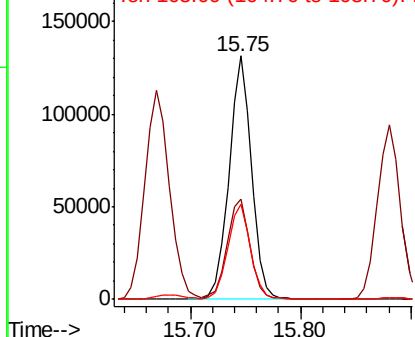
Tot Ion:	198	Resp:	187014
Ion Ratio	Lower	Upper	
198	100		
51	41.2	18.9	58.9
105	39.1	18.1	58.1

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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: 38.648 ng

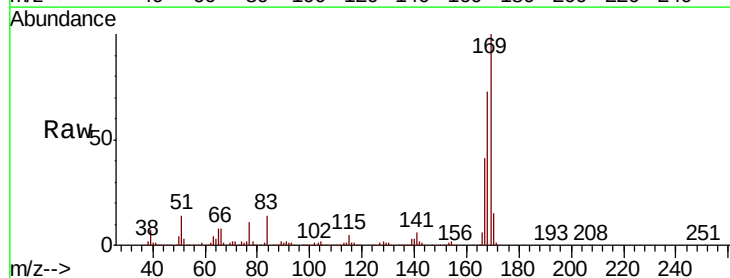
RT: 15.88 min Scan# 2177

Delta R.T. -0.00 min

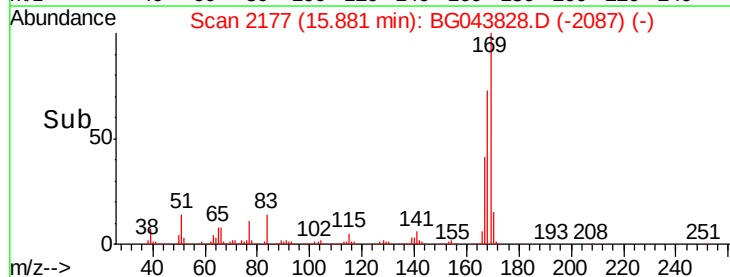
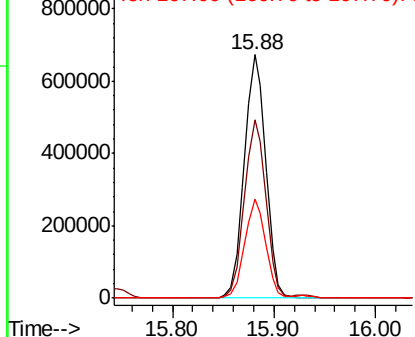
Lab File: BG043828.D

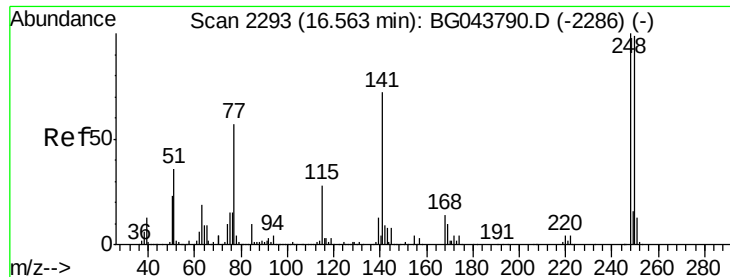
Acq: 17 Dec 2019 20:38

Tgt Ion:	169	Resp:	990541
Ion Ratio	Lower	Upper	
169	100		
168	73.3	58.5	87.7
167	40.6	32.1	48.1



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





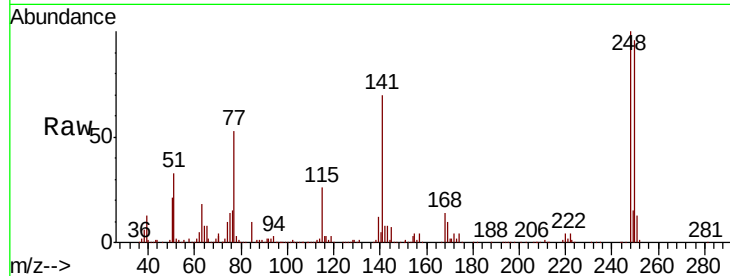
#67
4-Bromophenyl-phenylether
Concen: 37.253 ng
RT: 16.56 min Scan# 2293
Delta R.T. -0.00 min
Lab File: BG043828.D
Acq: 17 Dec 2019 20:38

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.9	79.0	118.6
141	69.9	57.8	86.6

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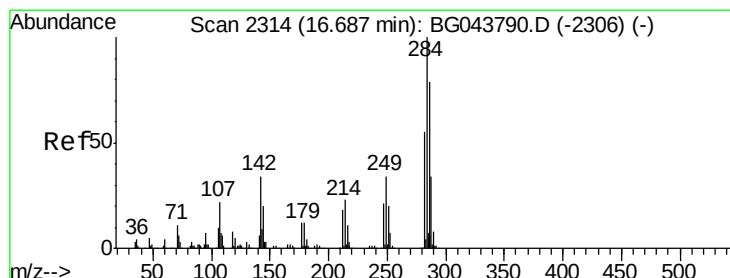
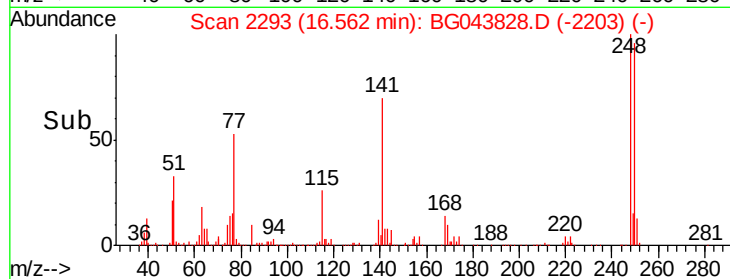
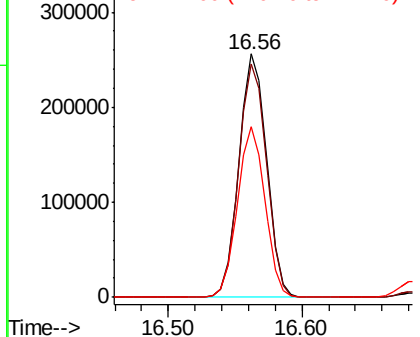


Abundance

Ion 248.00 (247.70 to 248.70): E

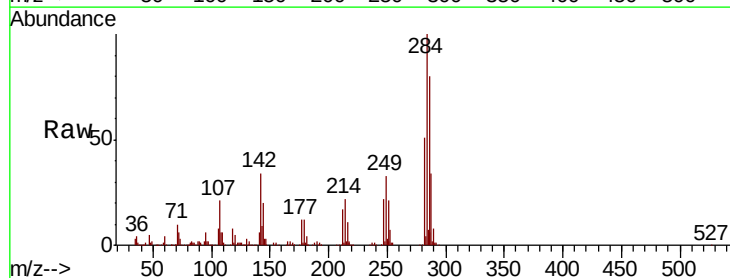
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 35.928 ng
RT: 16.69 min Scan# 2314
Delta R.T. -0.00 min
Lab File: BG043828.D
Acq: 17 Dec 2019 20:38

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.5	27.0	40.6
249	32.5	27.2	40.8

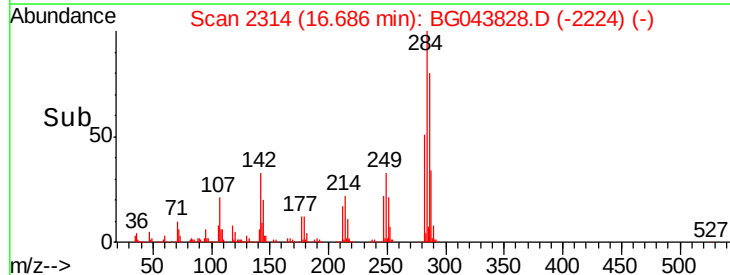
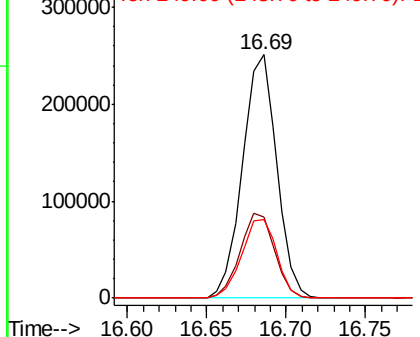


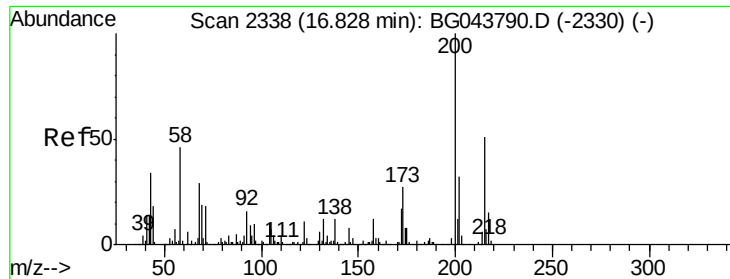
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 42.546 ng

RT: 16.83 min Scan# 2339

Delta R.T. 0.00 min

Lab File: BG043828.D

Acq: 17 Dec 2019 20:38

Instrument :

BNA_G

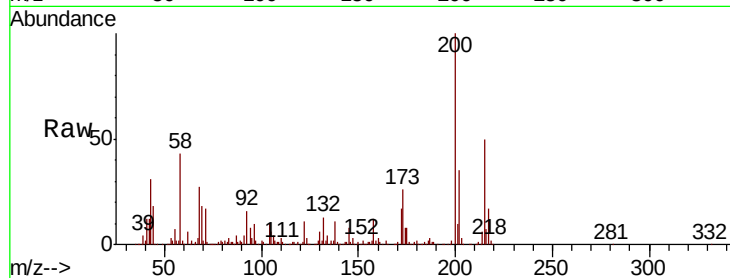
ClientSampleId :

TP-1MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.8	7.4	47.4
215	50.4	30.5	70.5

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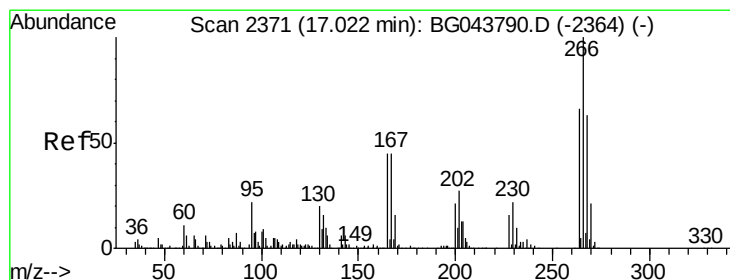
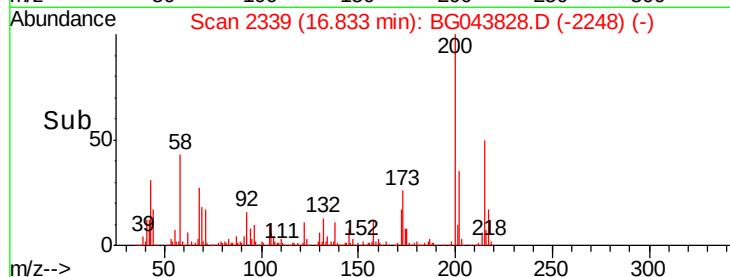
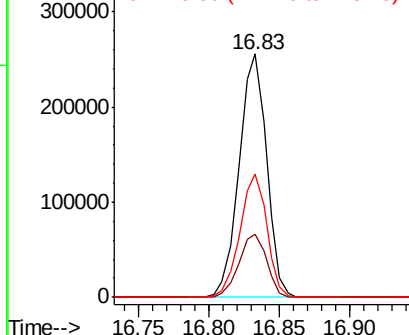


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 88.385 ng

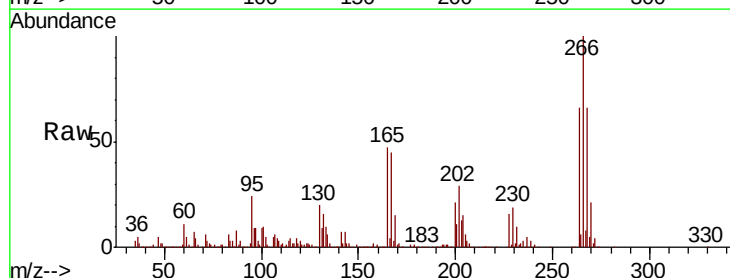
RT: 17.02 min Scan# 2371

Delta R.T. -0.00 min

Lab File: BG043828.D

Acq: 17 Dec 2019 20:38

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.0	50.8	76.2
264	66.0	53.0	79.4

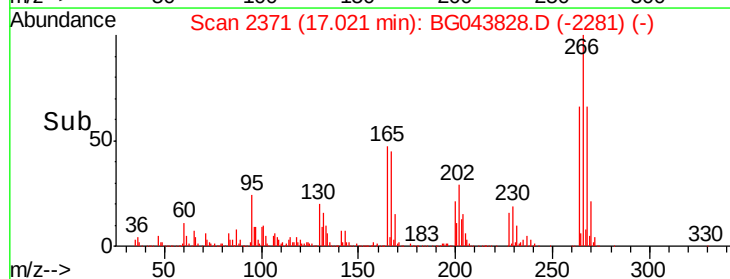
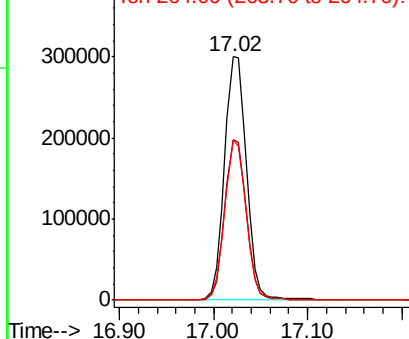


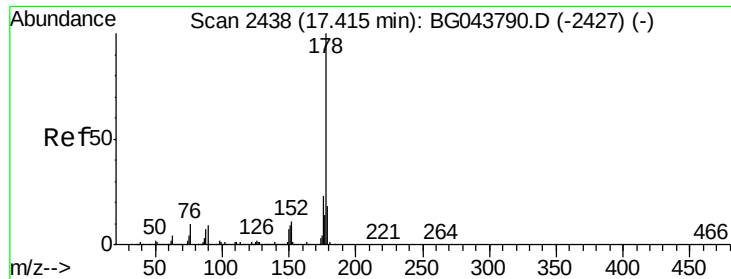
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





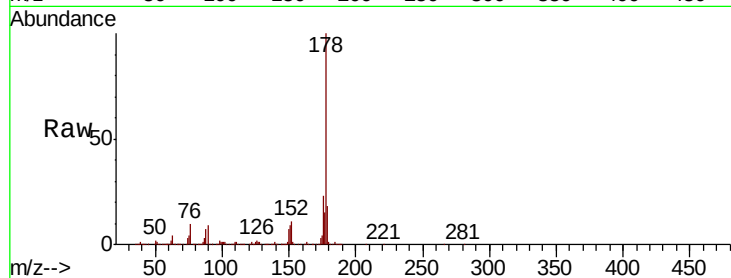
#71
Phenanthrene
Concen: 38.855 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BG043828.D
Acq: 17 Dec 2019 20:38

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	23.2	18.6	27.8
179	18.3	14.7	22.1

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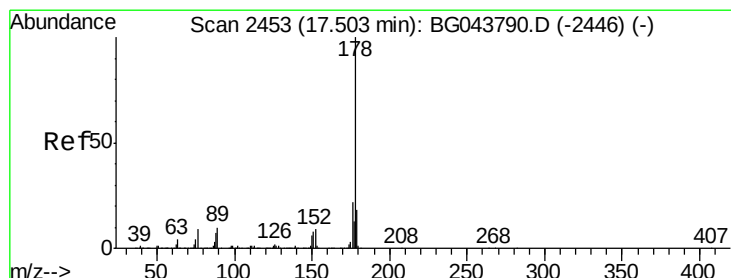
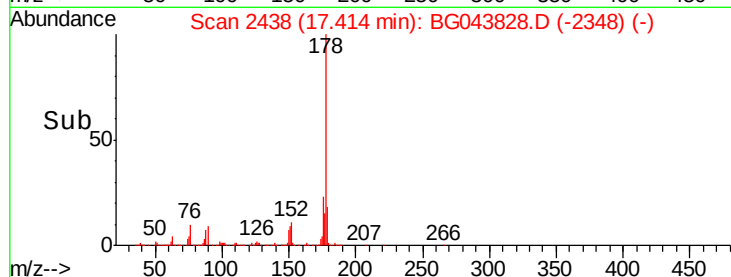
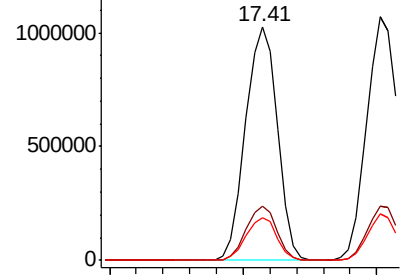


Abundance

Ion 178.00 (177.70 to 178.70): E

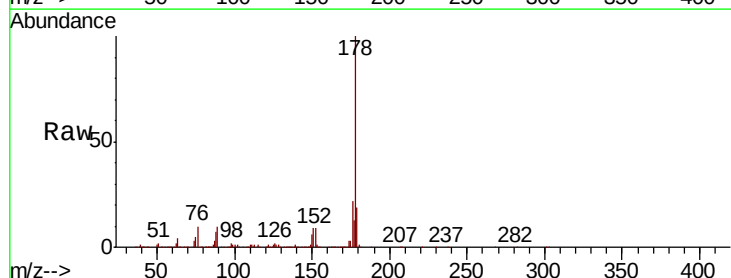
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72
Anthracene
Concen: 39.804 ng
RT: 17.50 min Scan# 2453
Delta R.T. -0.00 min
Lab File: BG043828.D
Acq: 17 Dec 2019 20:38

Tgt Ion	Ratio	Lower	Upper
178	100		
176	22.4	17.7	26.5
179	19.1	14.5	21.7

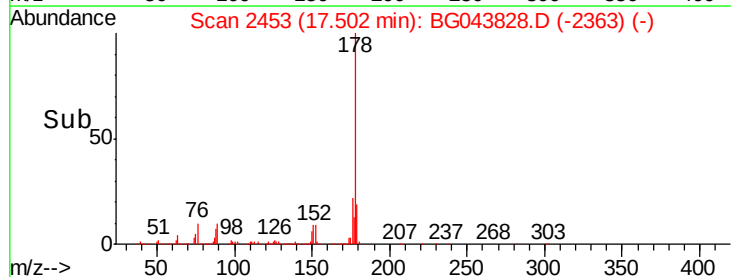
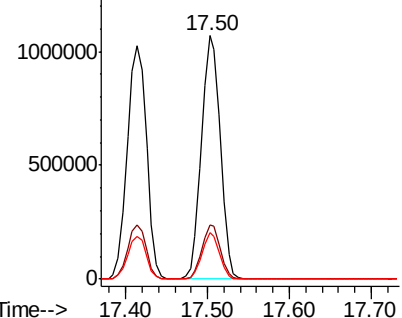


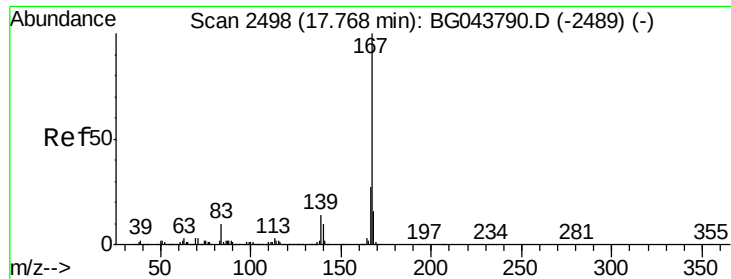
Abundance

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





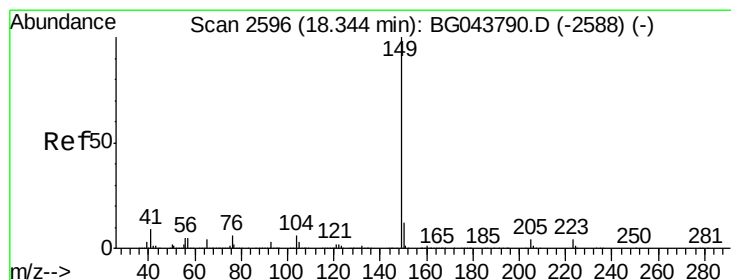
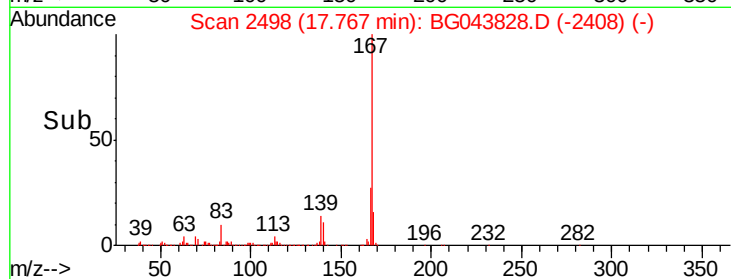
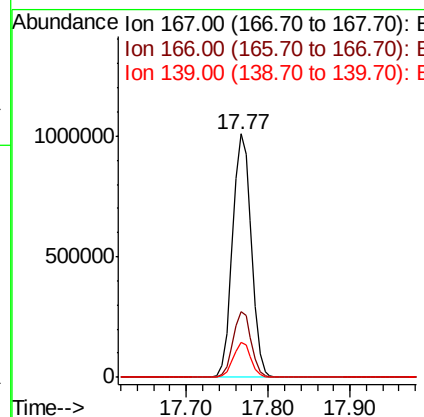
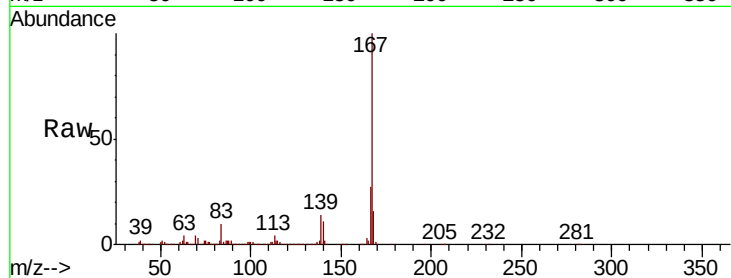
#73
 Carbazole
 Concen: 39.831 ng
 RT: 17.77 min Scan# 2498
 Delta R.T. -0.00 min
 Lab File: BG043828.D
 Acq: 17 Dec 2019 20:38

Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	27.1	21.4	32.2
139	14.4	11.0	16.4

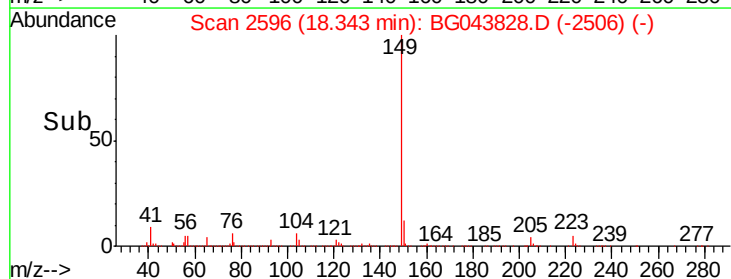
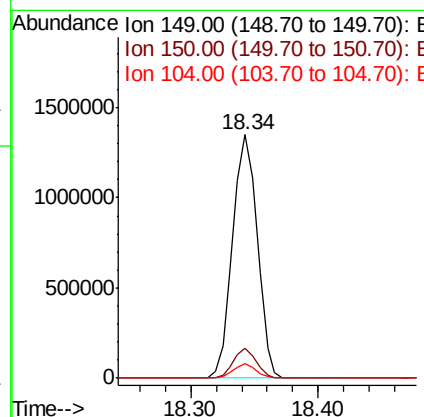
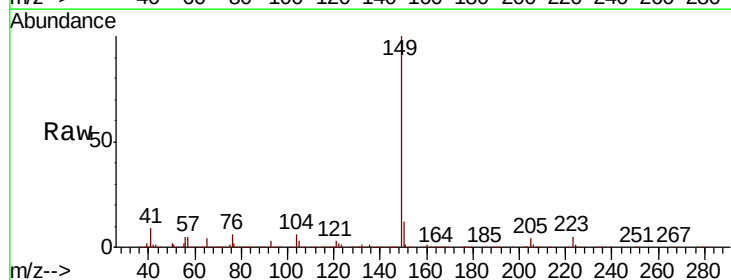
Manual Integrations
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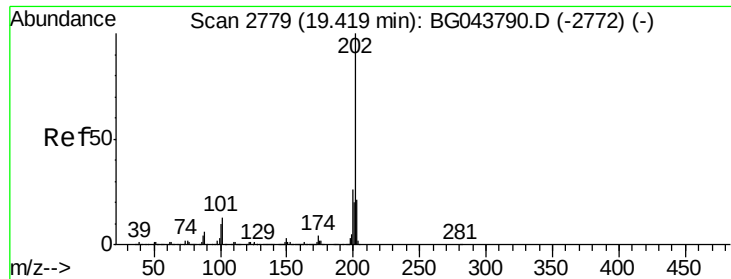
mohammad
 12/18/2019 2:40:50 PM



#74
 Di-n-butylphthalate
 Concen: 39.188 ng
 RT: 18.34 min Scan# 2596
 Delta R.T. -0.00 min
 Lab File: BG043828.D
 Acq: 17 Dec 2019 20:38

Tgt Ion	Ratio	Lower	Upper
149	100		
150	12.2	9.4	14.0
104	6.1	4.8	7.2





#75

Fluoranthene

Concen: 39.564 ng

RT: 19.42 min Scan# 2779

Delta R.T. -0.00 min

Lab File: BG043828.D

Acq: 17 Dec 2019 20:38

Instrument :

BNA_G

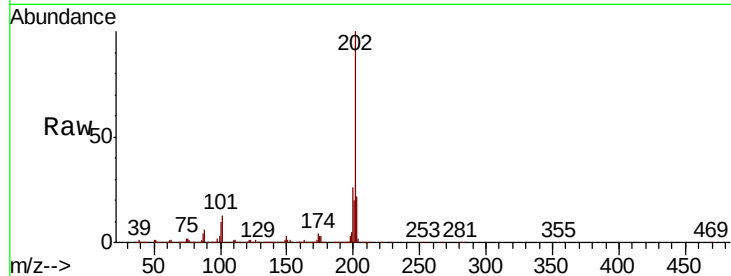
ClientSampleId :

TP-1MSD

Tot Ion:	202	Resp:	1976724
Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	32.7
203	22.3	1.0	41.0

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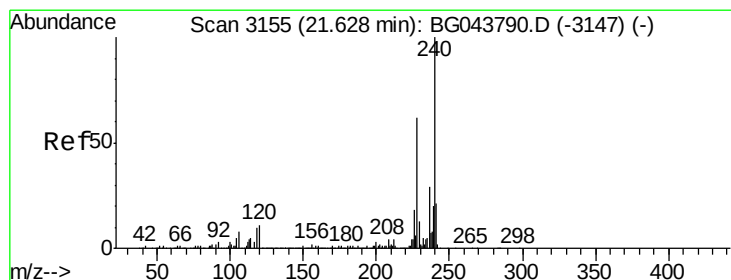
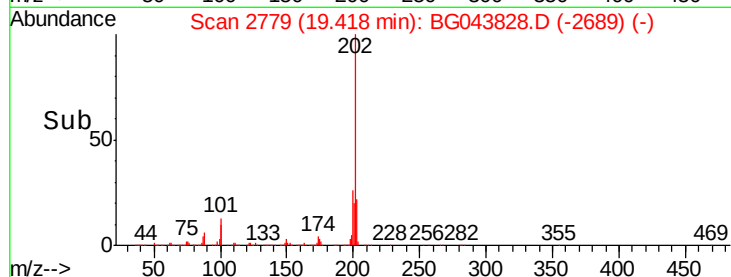
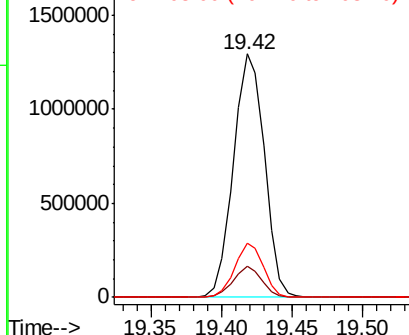


Abundance

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

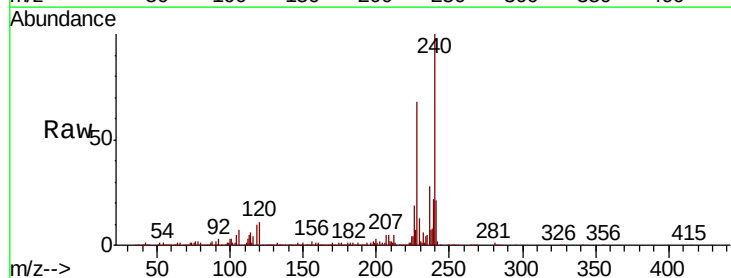
RT: 21.63 min Scan# 3155

Delta R.T. -0.00 min

Lab File: BG043828.D

Acq: 17 Dec 2019 20:38

Tgt Ion:	240	Resp:	782141
Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.6	12.8
236	28.3	23.1	34.7

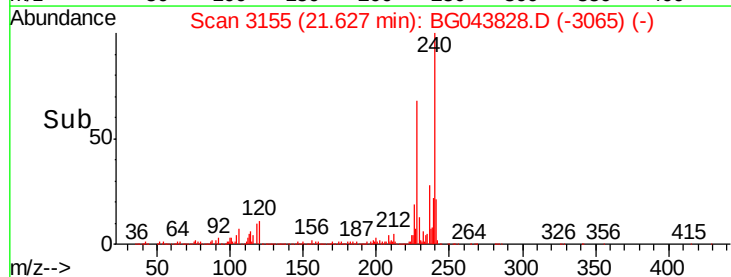
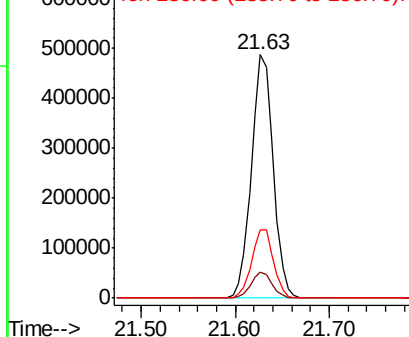


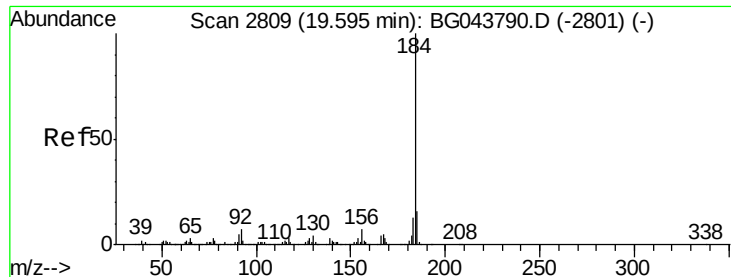
Abundance

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: 21.139 ng

RT: 19.59 min Scan# 2809

Delta R.T. -0.00 min

Lab File: BG043828.D

Acq: 17 Dec 2019 20:38

Instrument :

BNA_G

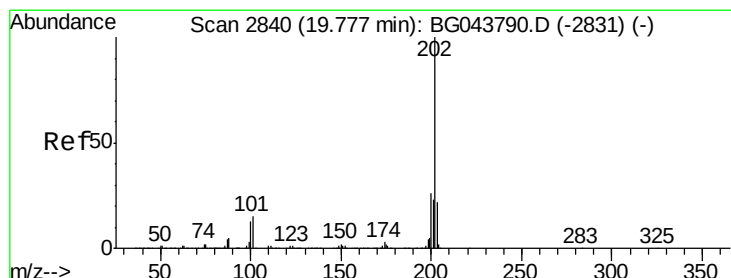
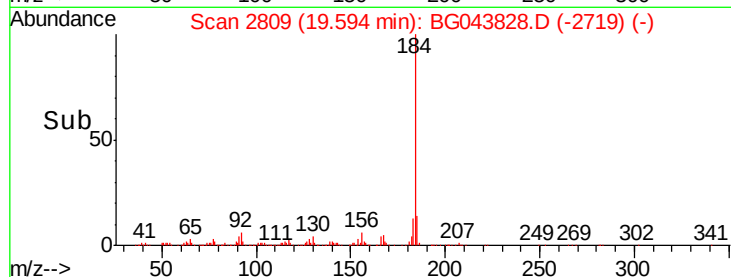
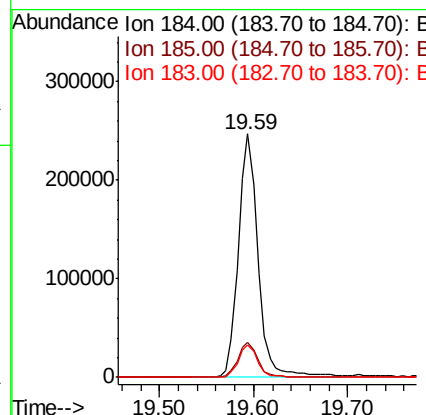
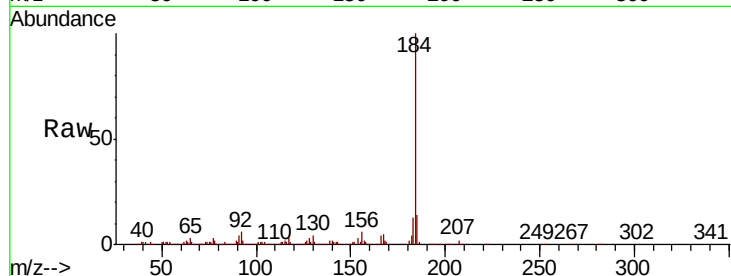
ClientSampleId :

TP-1MSD

Tot Ion:	184	Resp:	360706
Ion Ratio	Lower	Upper	
184	100		
185	14.2	12.9	19.3
183	13.1	10.3	15.5

Manual Integrations
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#78

Pyrene

Concen: 39.110 ng

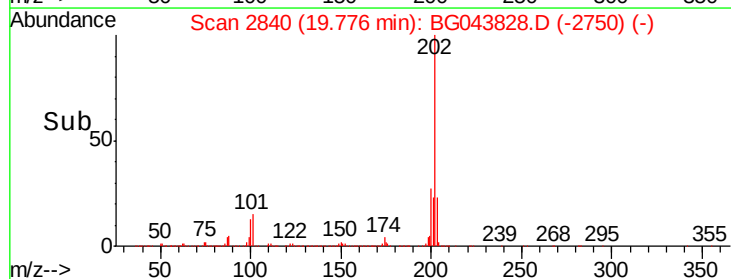
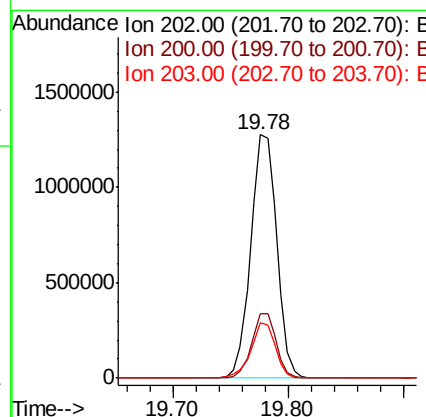
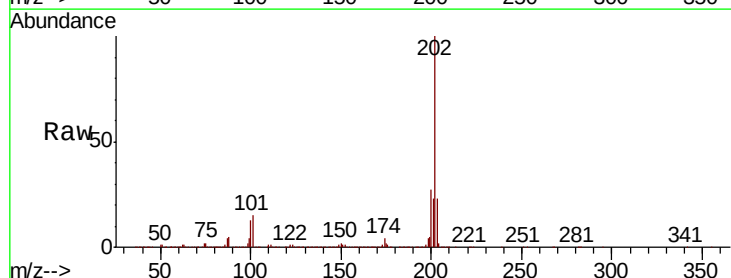
RT: 19.78 min Scan# 2840

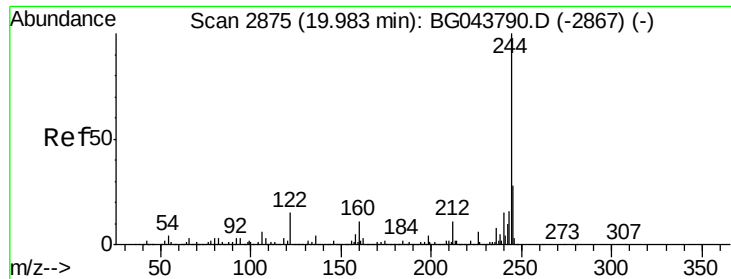
Delta R.T. -0.00 min

Lab File: BG043828.D

Acq: 17 Dec 2019 20:38

Tgt Ion:	202	Resp:	1999069
Ion Ratio	Lower	Upper	
202	100		
200	26.6	20.8	31.2
203	22.5	17.7	26.5





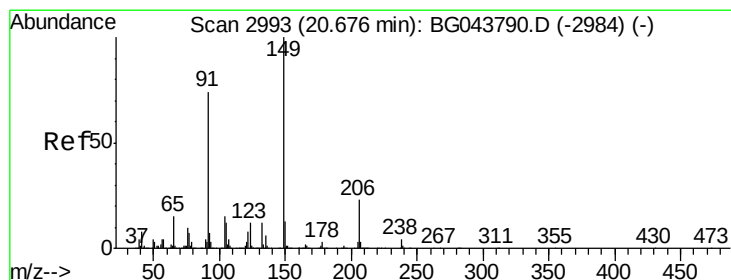
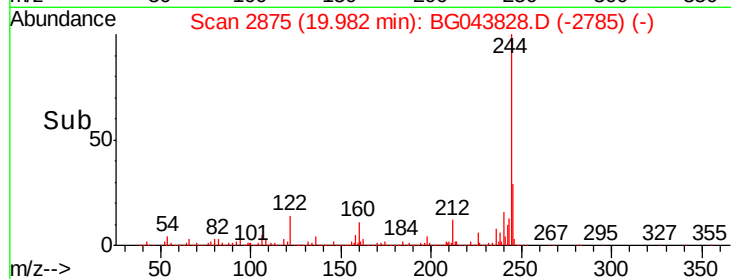
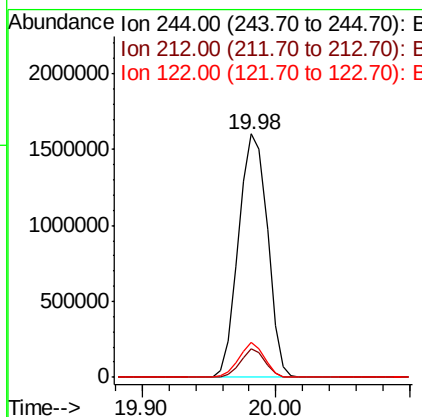
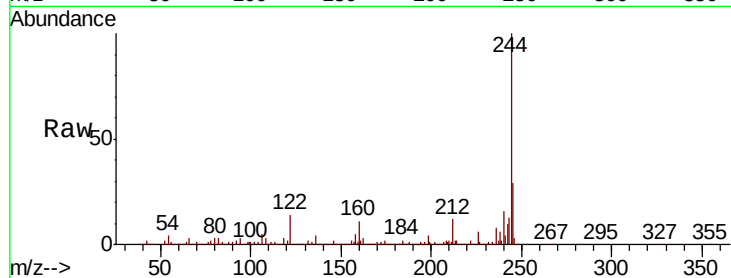
#79
 Terphenyl-d14
 Concen: 74.124 ng
 RT: 19.98 min Scan# 2875
 Delta R.T. -0.00 min
 Lab File: BG043828.D
 Acq: 17 Dec 2019 20:38

Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	11.5	9.1	13.7
122	14.3	11.6	17.4

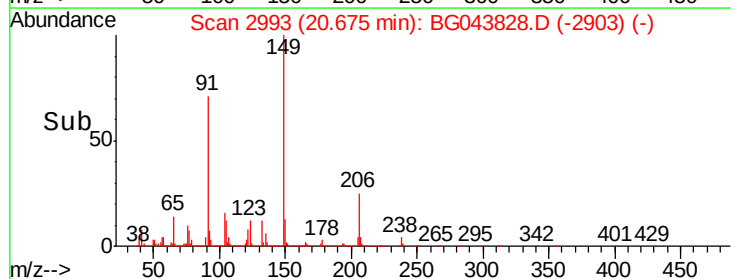
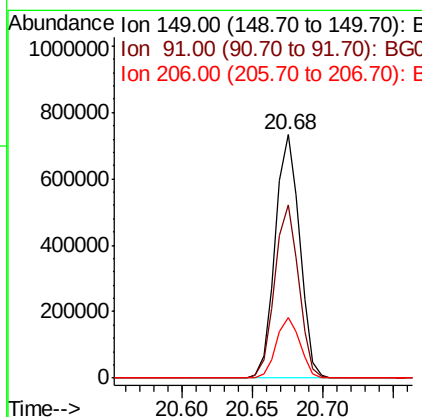
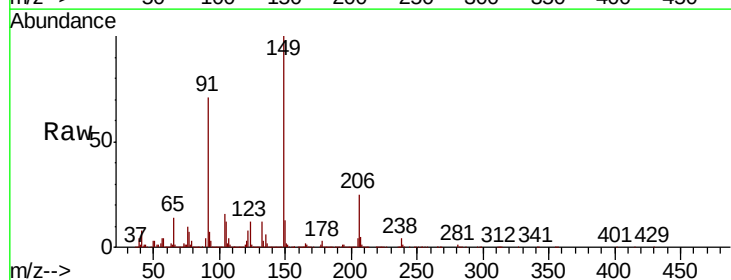
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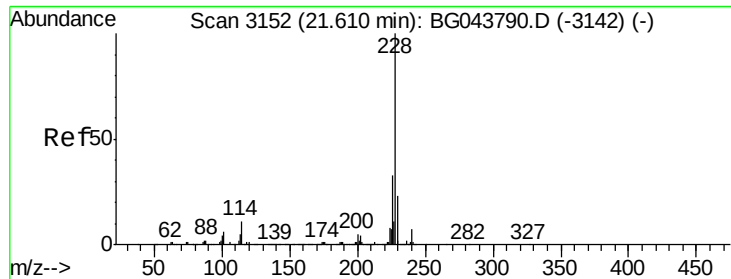
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#80
 Butylbenzylphthalate
 Concen: 41.746 ng
 RT: 20.68 min Scan# 2993
 Delta R.T. -0.00 min
 Lab File: BG043828.D
 Acq: 17 Dec 2019 20:38

Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.4	59.0	88.4
206	24.8	18.6	28.0





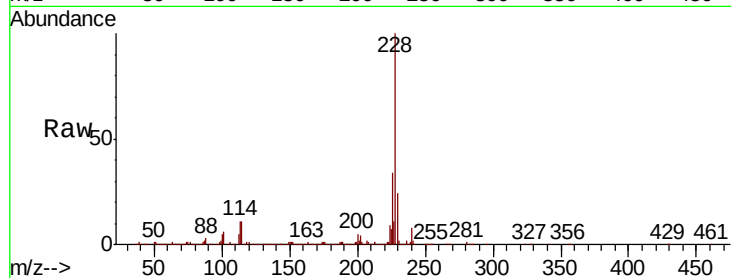
#81
Benzo(a)anthracene
Concen: 38.620 ng
RT: 21.61 min Scan# 3152
Delta R.T. -0.00 min
Lab File: BG043828.D
Acq: 17 Dec 2019 20:38

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.5	26.1	39.1
229	24.2	18.6	27.8

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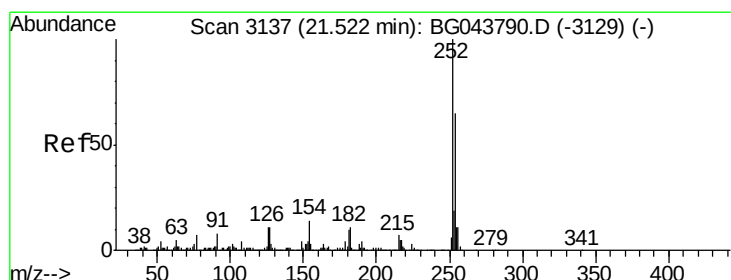
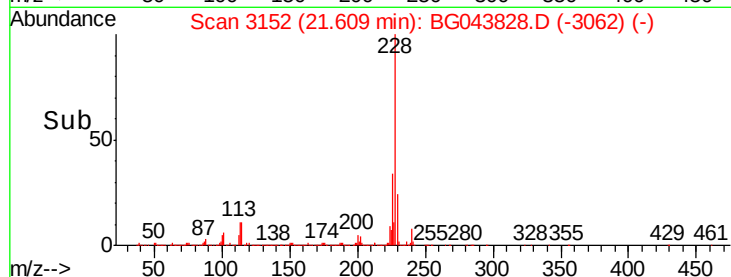
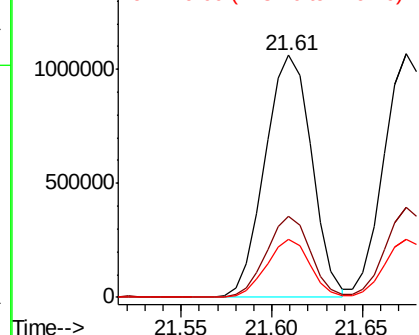


Abundance

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: 22.018 ng
RT: 21.52 min Scan# 3137
Delta R.T. -0.00 min
Lab File: BG043828.D
Acq: 17 Dec 2019 20:38

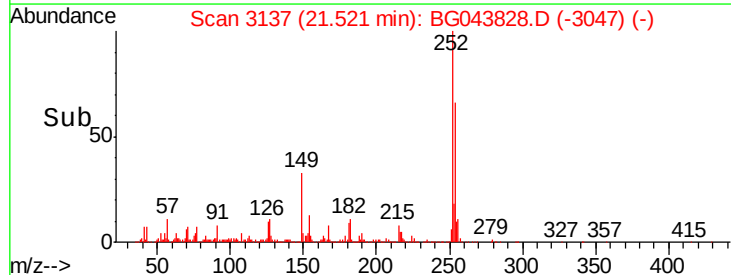
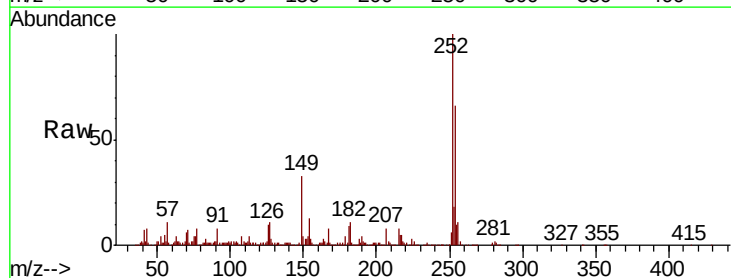
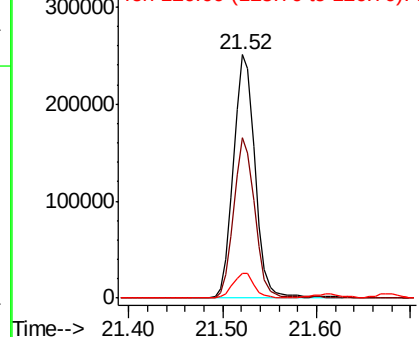
Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.7	52.2	78.2
126	10.0	8.7	13.1

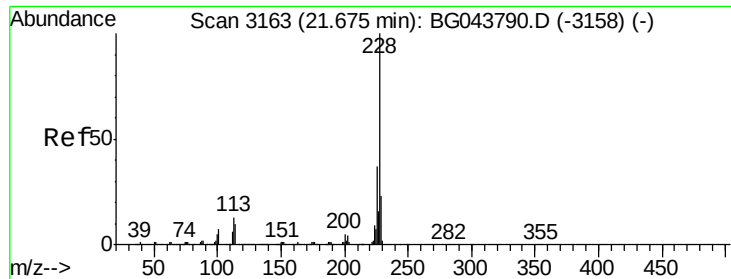
Abundance

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





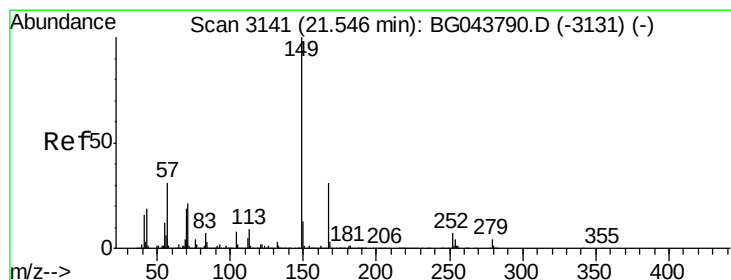
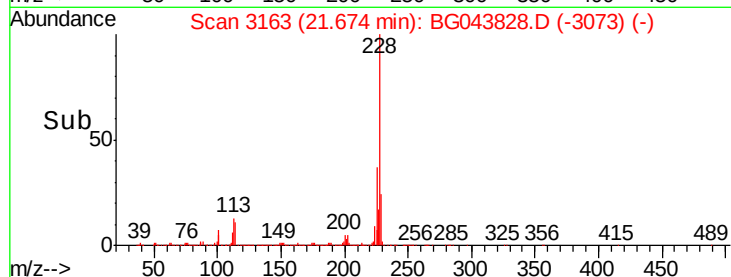
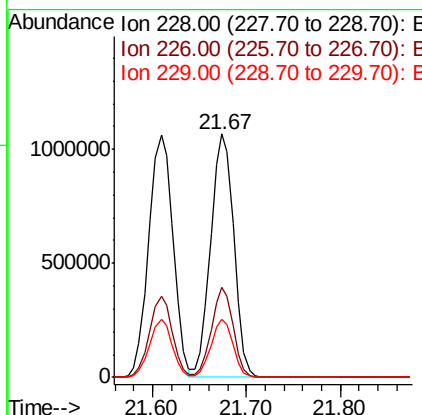
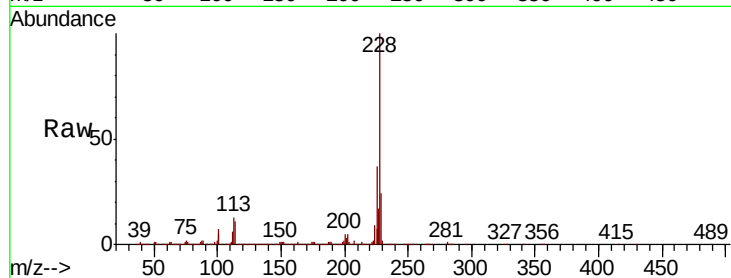
#83
 Chrysene
 Concen: 39.348 ng
 RT: 21.67 min Scan# 3163
 Delta R.T. -0.00 min
 Lab File: BG043828.D
 Acq: 17 Dec 2019 20:38

Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD

Tot Ion	Ion	Ratio	Lower	Upper
228	100			
226	36.9	29.1	43.7	
229	23.7	18.6	28.0	

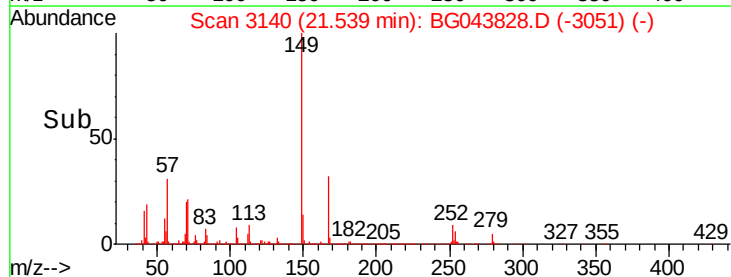
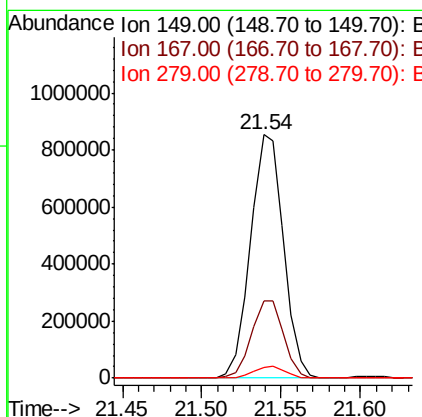
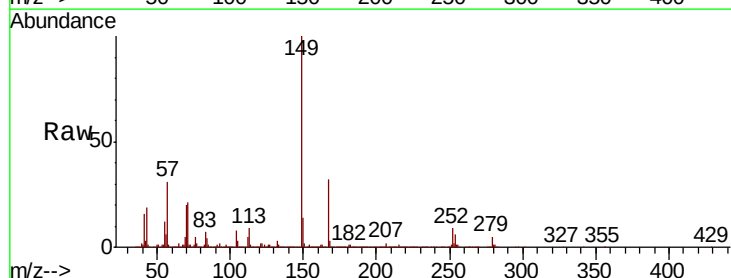
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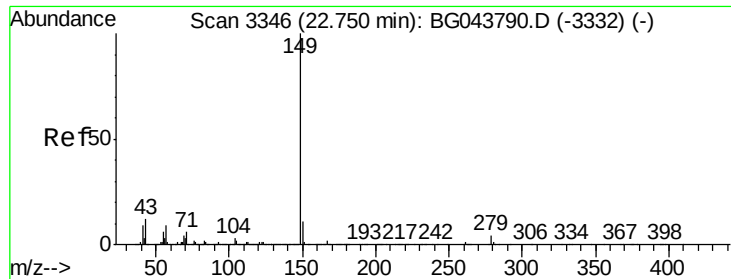
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.408 ng
 RT: 21.54 min Scan# 3140
 Delta R.T. -0.01 min
 Lab File: BG043828.D
 Acq: 17 Dec 2019 20:38

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
167	32.0	25.1	37.7	
279	4.5	3.5	5.3	





#85

Di-n-octyl phthalate

Concen: 41.589 ng

RT: 22.74 min Scan# 3344

Delta R.T. -0.01 min

Lab File: BG043828.D

Acq: 17 Dec 2019 20:38

Instrument :

BNA_G

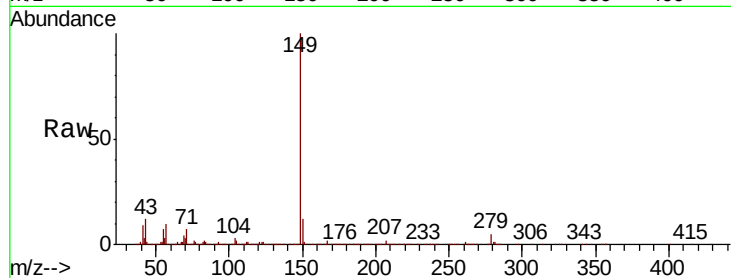
ClientSampleId :

TP-1MSD

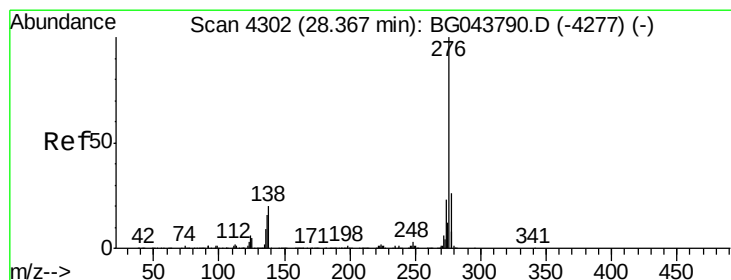
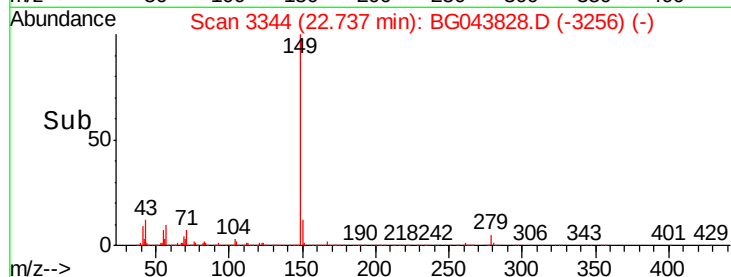
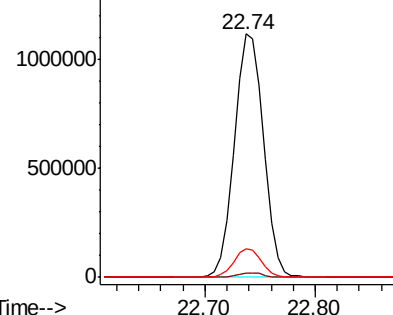
Tot Ion:	149	Resp:	2076065
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.2
43	11.0	8.8	13.2

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Abundance Ion 149.00 (148.70 to 149.70): E
1500000
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: 36.335 ng

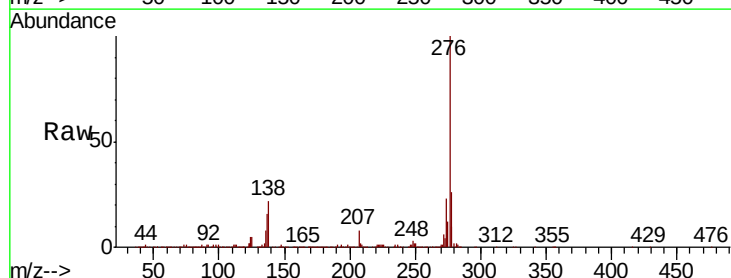
RT: 28.37 min Scan# 4303

Delta R.T. 0.00 min

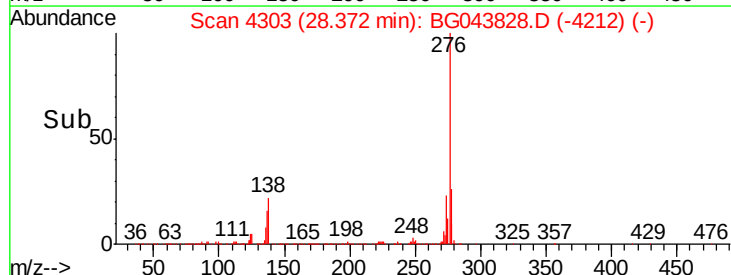
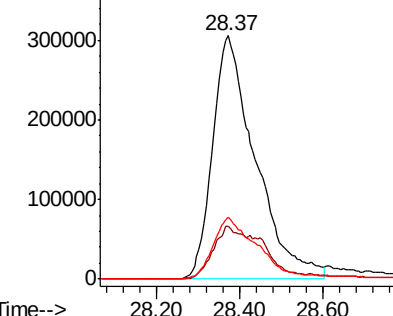
Lab File: BG043828.D

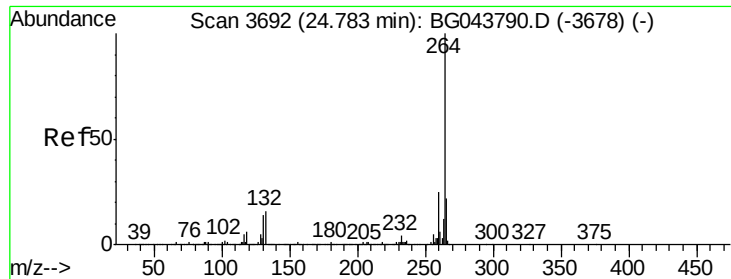
Acq: 17 Dec 2019 20:38

Tgt Ion:	276	Resp:	2187225
Ion	Ratio	Lower	Upper
276	100		
138	15.6	14.6	21.8
277	26.9	21.2	31.8



Abundance Ion 276.00 (275.70 to 276.70): E
400000
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: 24.79 min Scan# 3693

Delta R.T. 0.00 min

Lab File: BG043828.D

Acq: 17 Dec 2019 20:38

Instrument :

BNA_G

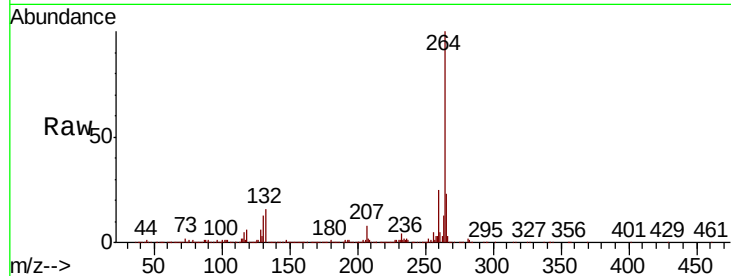
ClientSampleId :

TP-1MSD

Tot Ion:	264	Resp:	891353
Ion Ratio		Lower	Upper
264	100		
260	25.0	19.8	29.8
265	22.6	17.9	26.9

Manual Integrations
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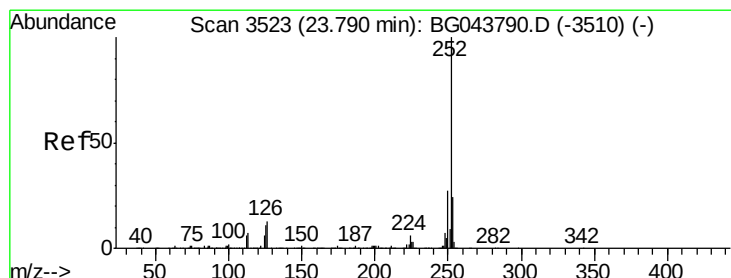
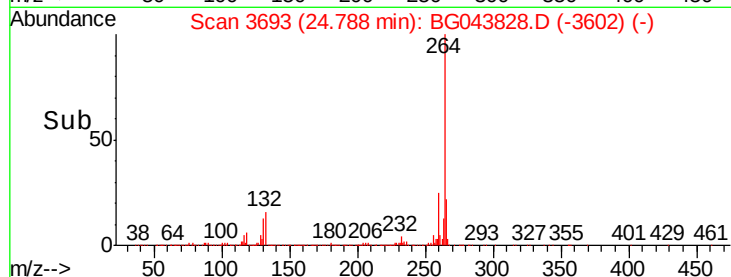
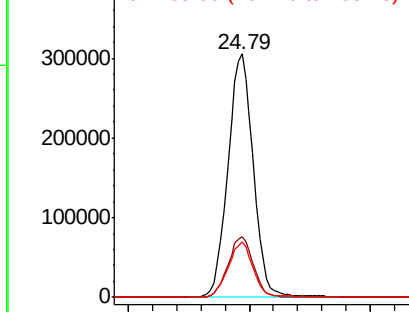


Abundance

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: 39.006 ng

RT: 23.79 min Scan# 3523

Delta R.T. -0.00 min

Lab File: BG043828.D

Acq: 17 Dec 2019 20:38

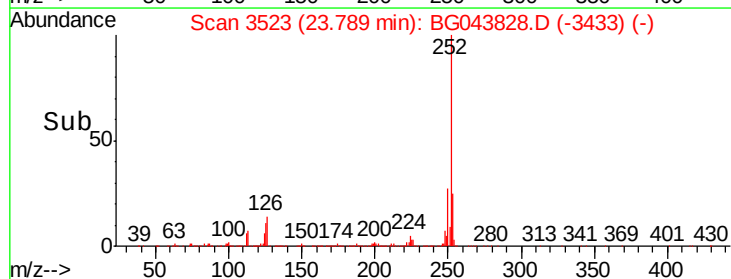
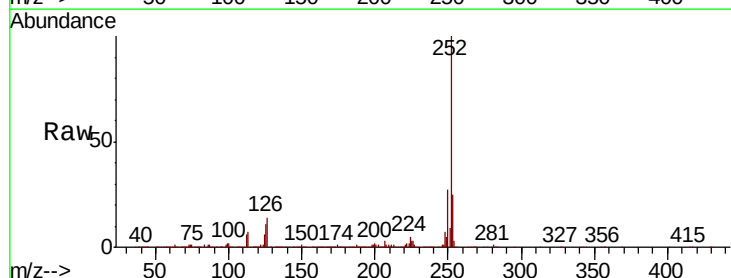
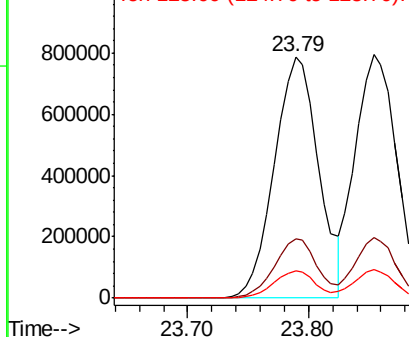
Tgt Ion:	252	Resp:	2001820
Ion Ratio		Lower	Upper
252	100		
253	24.8	19.5	29.3
125	11.4	9.0	13.4

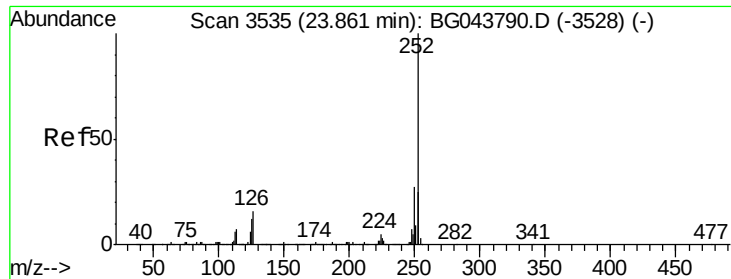
Abundance

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





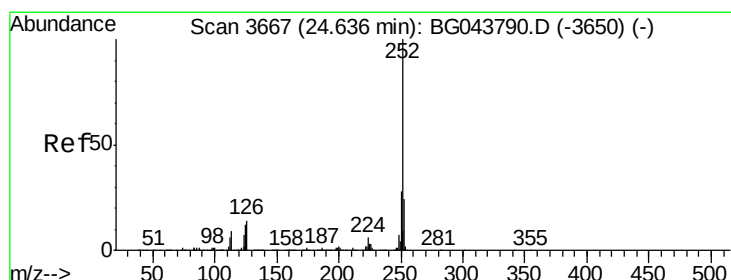
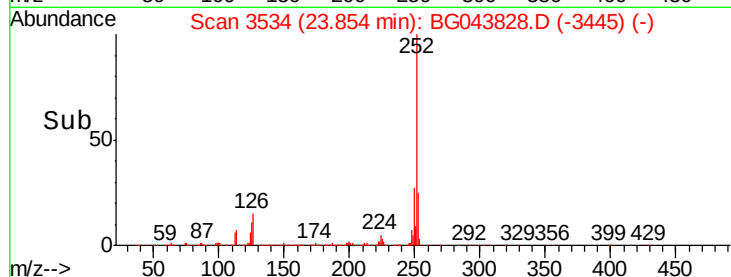
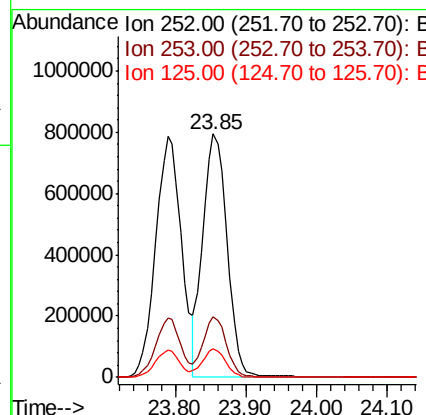
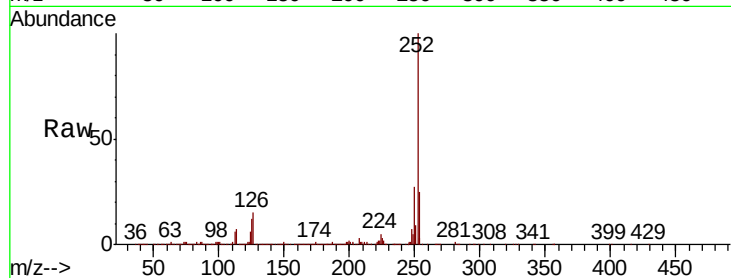
#89
Benzo(k)fluoranthene
Concen: 38.498 ng
RT: 23.85 min Scan# 3534
Delta R.T. -0.01 min
Lab File: BG043828.D
Acq: 17 Dec 2019 20:38

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.9	19.4	29.0
125	11.5	8.9	13.3

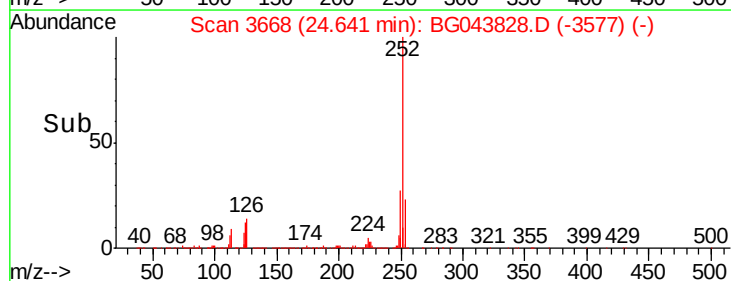
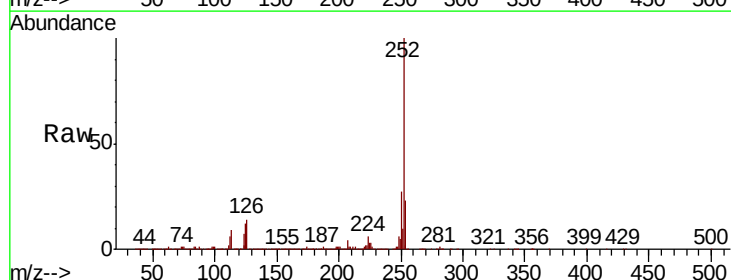
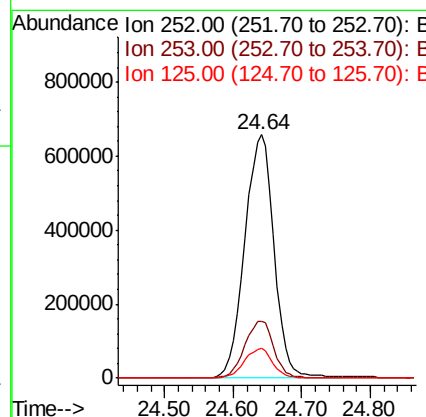
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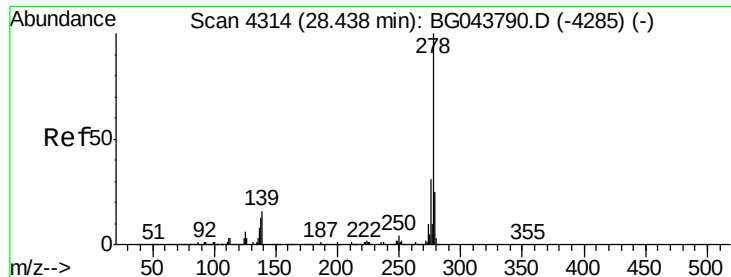
mohammad
12/18/2019 2:40:50 PM



#90
Benzo(a)pyrene
Concen: 39.933 ng
RT: 24.64 min Scan# 3668
Delta R.T. 0.00 min
Lab File: BG043828.D
Acq: 17 Dec 2019 20:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	19.1	28.7
125	12.2	9.4	14.0





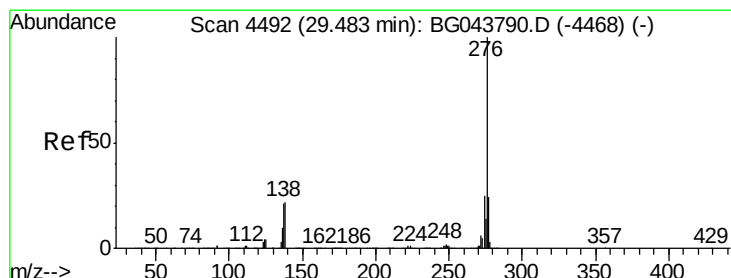
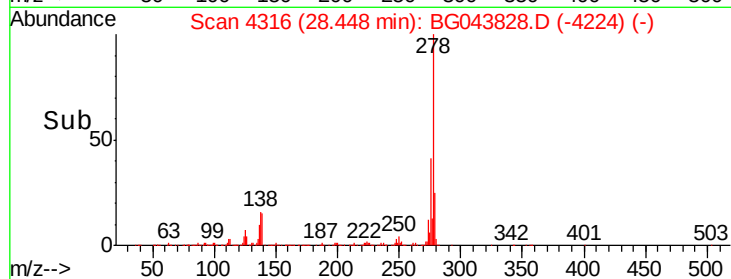
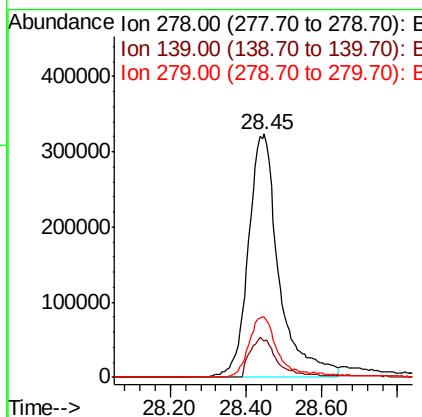
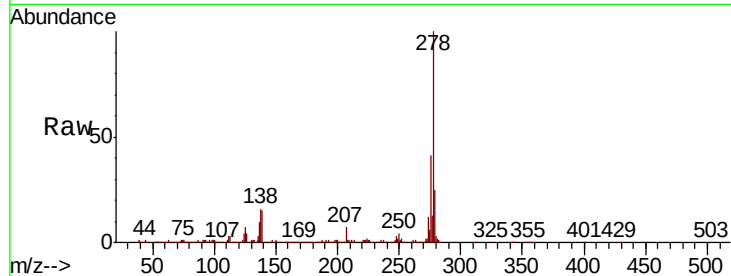
#91
 Dibenzo(a,h)anthracene
 Concen: 37.018 ng
 RT: 28.45 min Scan# 4316
 Delta R.T. 0.01 min
 Lab File: BG043828.D
 Acq: 17 Dec 2019 20:38

Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.1	13.2	19.8
279	24.7	19.8	29.6

Manual Integrations
 APPROVED

mohammad
 12/18/2019 2:40:50 PM



#92
 Benzo(g,h,i)perylene
 Concen: 37.347 ng
 RT: 29.48 min Scan# 4492
 Delta R.T. -0.00 min
 Lab File: BG043828.D
 Acq: 17 Dec 2019 20:38

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.2	19.3	28.9
138	21.9	17.6	26.4

