

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120919\
 Data File : BG043792.D
 Acq On : 9 Dec 2019 15:26
 Operator : JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

mohammad
 12/10/2019 11:51:03 AM

Quant Time: Dec 09 16:27:28 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 15:25:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	137840	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	580680	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	402162	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	858689	20.00	ng	0.00
76) Chrysene-d12	21.64	240	714870	20.00	ng	0.00
87) Perylene-d12	24.79	264	809396	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	858121	111.92	ng	0.00
7) Phenol-d6	7.16	99	1239300	111.19	ng	0.00
23) Nitrobenzene-d5	9.16	82	1251617	118.51	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	475522	98.03	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	2549103	104.19	ng	0.00
79) Terphenyl-d14	19.98	244	3219022	101.75	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.49	88	195179	57.412	ng	99
3) Pyridine	3.88	79	523260	54.664	ng	99
4) n-Nitrosodimethylamine	3.79	42	268423	56.450	ng	99
6) Aniline	7.33	93	825273	56.819	ng	99
8) 2-Chlorophenol	7.57	128	501162	57.309	ng	96
9) Benzaldehyde	7.14	77	299470	44.982	ng	91
10) Phenol	7.19	94	641654	56.079	ng	99
11) bis(2-Chloroethyl)ether	7.42	93	532885	55.804	ng	96
12) 1,3-Dichlorobenzene	7.89	146	594064	57.708	ng	99
13) 1,4-Dichlorobenzene	8.04	146	593140	56.886	ng	99
14) 1,2-Dichlorobenzene	8.36	146	564403	57.208	ng	97
15) Benzyl Alcohol	8.23	79	503062	54.038	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.53	45	867118	52.801	ng	99
17) 2-Methylphenol	8.44	107	458891	56.096	ng	99
18) Hexachloroethane	9.09	117	216843	55.091	ng	99
19) n-Nitroso-di-n-propylamine	8.82	70	476527	54.368	ng	99
20) 3+4-Methylphenols	8.77	107	640536	56.125	ng	99
22) Acetophenone	8.82	105	847326	55.055	ng	# 97
24) Nitrobenzene	9.20	77	632407	58.255	ng	99
25) Isophorone	9.73	82	1227124	54.188	ng	99
26) 2-Nitrophenol	9.91	139	253143	64.633	ng	98
27) 2,4-Dimethylphenol	9.97	122	443531	57.672	ng	99
28) bis(2-Chloroethoxy)methane	10.21	93	779073	55.818	ng	97
29) 2,4-Dichlorophenol	10.45	162	555651	59.432	ng	98
30) 1,2,4-Trichlorobenzene	10.67	180	631361	57.627	ng	99
31) Naphthalene	10.85	128	1625669	56.436	ng	98
32) Benzoic acid	10.13	122	330157	59.531	ng	96
33) 4-Chloroaniline	10.95	127	795889	57.349	ng	97
34) Hexachlorobutadiene	11.15	225	383261	53.199	ng	97
35) Caprolactam	11.74	113	218158	57.385	ng	98
36) 4-Chloro-3-methylphenol	12.08	107	584520	55.632	ng	99
37) 2-Methylnaphthalene	12.46	142	1261644	58.121	ng	98
38) 1-Methylnaphthalene	12.68	142	1200955	58.294	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	713457	55.753	ng	100

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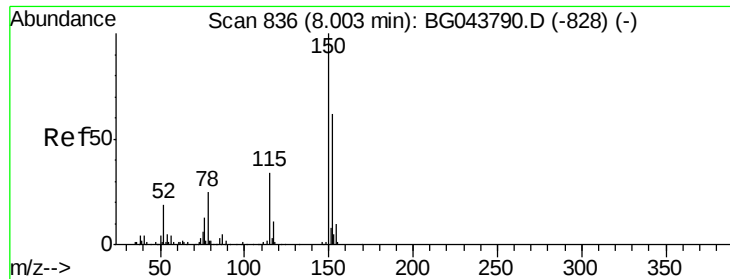
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	351236	50.802	nq	98
43) 2,4,6-Trichlorophenol	13.06	196	474501	57.654	nq	99
44) 2,4,5-Trichlorophenol	13.13	196	488226	57.022	nq	98
46) 1,1'-Biphenyl	13.47	154	1598685	57.349	nq	95
47) 2-Chloronaphthalene	13.51	162	1315397	57.862	nq	97
48) 2-Nitroaniline	13.70	65	423165	63.582	nq	97
49) Acenaphthylene	14.36	152	1928410	53.917	nq	95
50) Dimethylphthalate	14.09	163	1653353	51.898	nq	98
51) 2,6-Dinitrotoluene	14.20	165	383988	64.905	nq	99
52) Acenaphthene	14.70	154	1299466	56.812	nq	97
53) 3-Nitroaniline	14.53	138	432169	62.540	nq	96
54) 2,4-Dinitrophenol	14.73	184	137872	57.039	nq	95
55) Dibenzofuran	15.03	168	1867469	52.408	nq	96
56) 4-Nitrophenol	14.83	139	332218	57.076	nq	95
57) 2,4-Dinitrotoluene	14.98	165	528793	64.449	nq	# 96
58) Fluorene	15.68	166	1504373	51.481	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.25	232	441942m	51.391	nq	
60) Diethylphthalate	15.45	149	1644747	49.171	nq	97
61) 4-Chlorophenyl-phenylether	15.67	204	859128	53.399	nq	99
62) 4-Nitroaniline	15.69	138	437461	55.208	nq	100
63) Azobenzene	15.97	77	1505311	50.202	nq	96
65) 4,6-Dinitro-2-methylphenol	15.75	198	205535	70.538	nq	98
66) n-Nitrosodiphenylamine	15.88	169	1400973	61.622	nq	98
67) 4-Bromophenyl-phenylether	16.57	248	550616	60.805	nq	98
68) Hexachlorobenzene	16.69	284	580382	58.627	nq	99
69) Atrazine	16.83	200	370192	40.629	nq	100
70) Pentachlorophenol	17.02	266	332458	55.036	nq	98
71) Phenanthrene	17.42	178	2319807	54.598	nq	93
72) Anthracene	17.51	178	2307172	53.754	nq	94
73) Carbazole	17.77	167	2139142	50.305	nq	94
74) Di-n-butylphthalate	18.35	149	2468652	45.358	nq	# 94
75) Fluoranthene	19.42	202	2604610	42.735	nq	93
77) Benzidine	19.60	184	934243	44.739	nq	97
78) Pyrene	19.78	202	2609440	56.559	nq	92
80) Butylbenzylphthalate	20.68	149	1202121	57.197	nq	98
81) Benzo(a)anthracene	21.61	228	2567031	53.713	nq	93
82) 3,3'-Dichlorobenzidine	21.53	252	983201	54.861	nq	98
83) Chrysene	21.68	228	2453317	54.250	nq	94
84) Bis(2-ethylhexyl)phthalate	21.55	149	1652618	55.885	nq	96
85) Di-n-octyl phthalate	22.75	149	2784078	58.043	nq	97
86) Indeno(1,2,3-cd)pyrene	28.38	276	3258055	61.935	nq	99
88) Benzo(b)fluoranthene	23.79	252	2733169	56.557	nq	98
89) Benzo(k)fluoranthene	23.86	252	2607108	56.212	nq	96
90) Benzo(a)pyrene	24.64	252	2602363	57.268	nq	97
91) Dibenzo(a,h)anthracene	28.45	278	2613782	59.300	nq	98
92) Benzo(g,h,i)perylene	29.50	276	2582560	59.414	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.00 min Scan# 837

Delta R.T. 0.00 min

Lab File: BG043792.D

Acq: 9 Dec 2019 15:26

Instrument :

BNA_G

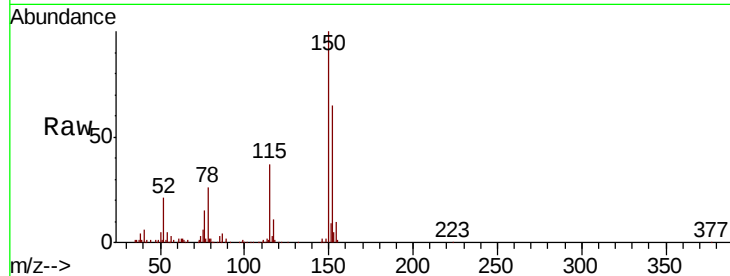
ClientSampleId :

SSTDIC060

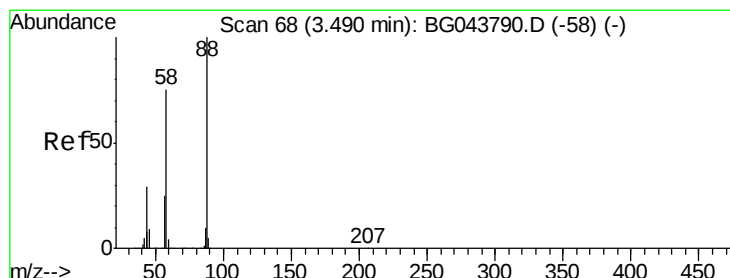
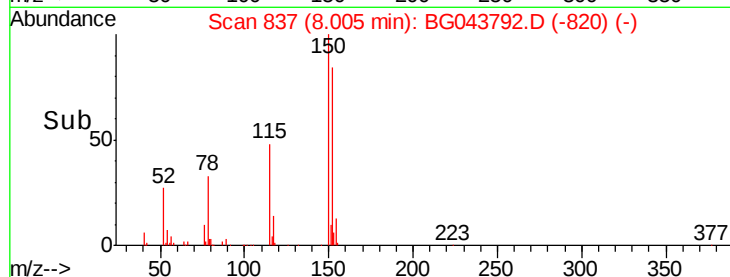
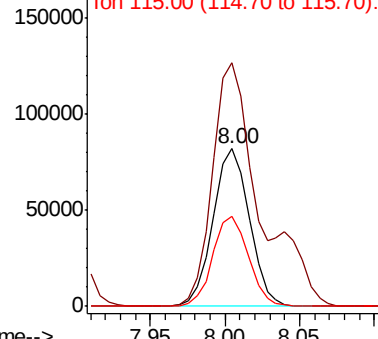
Tot Ion:	152	Resp:	137840
Ion Ratio	Lower	Upper	
152	100		
150	154.4	128.6	192.8
115	57.3	44.3	66.5

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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: 57.412 ng

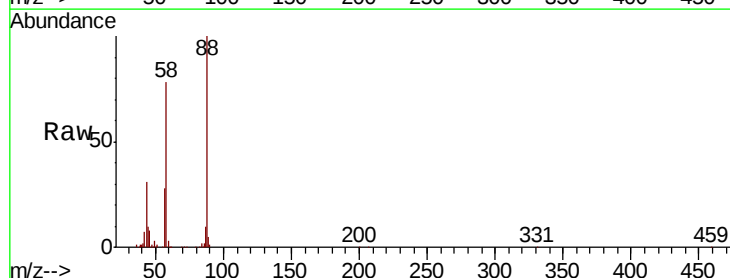
RT: 3.49 min Scan# 68

Delta R.T. -0.00 min

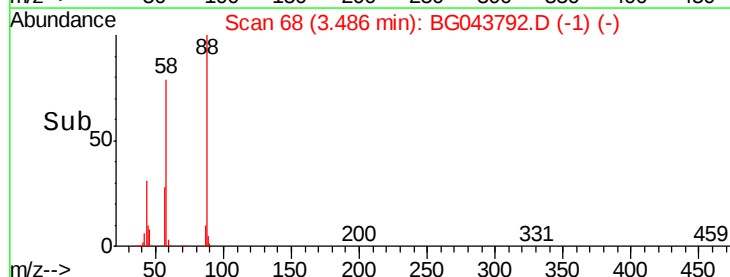
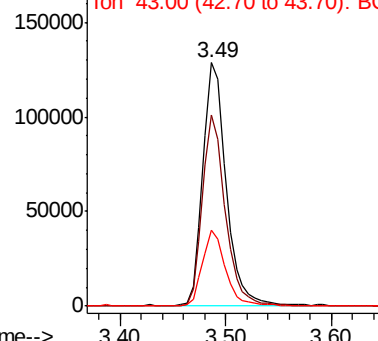
Lab File: BG043792.D

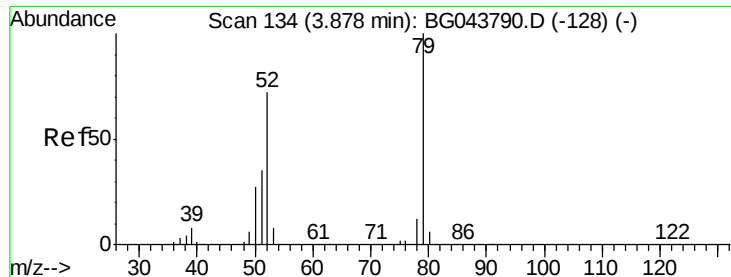
Acq: 9 Dec 2019 15:26

Tgt Ion:	88	Resp:	195179
Ion Ratio	Lower	Upper	
88	100		
58	77.5	62.2	93.4
43	31.0	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: 54.664 ng

RT: 3.88 min Scan# 135

Delta R.T. 0.00 min

Lab File: BG043792.D

Acq: 9 Dec 2019 15:26

Instrument :

BNA_G

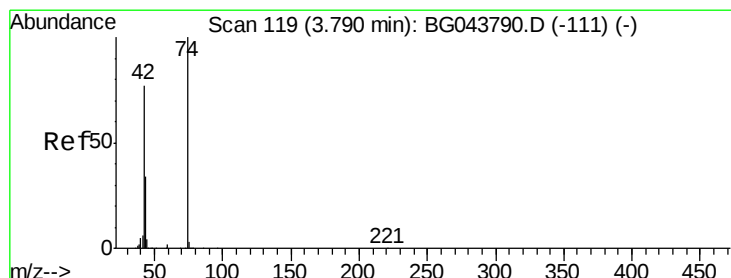
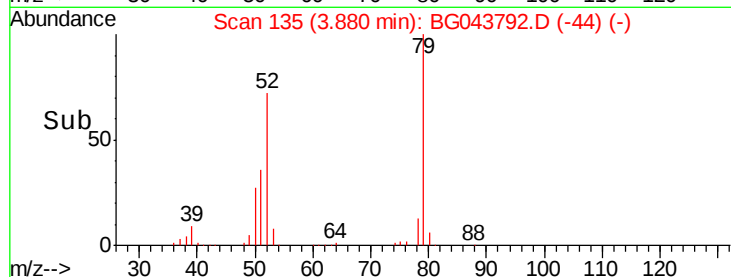
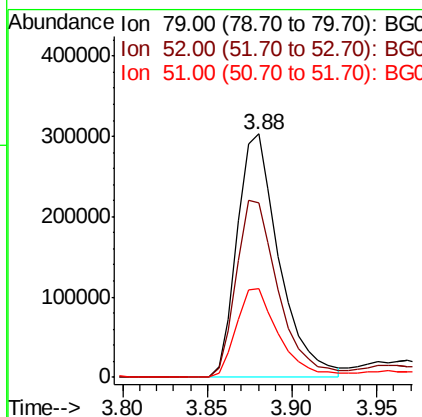
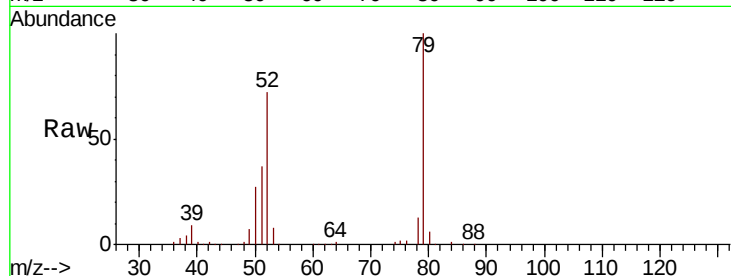
ClientSampleId :

SSTDICC060

Tot Ion:	79	Resp:	523260
Ion	Ratio	Lower	Upper
79	100		
52	71.8	57.6	86.4
51	36.6	27.8	41.8

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#4

n-Nitrosodimethylamine

Concen: 56.450 ng

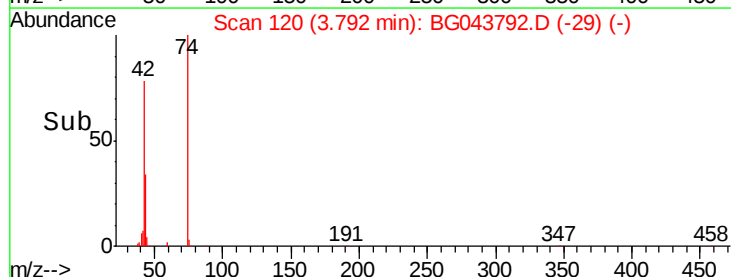
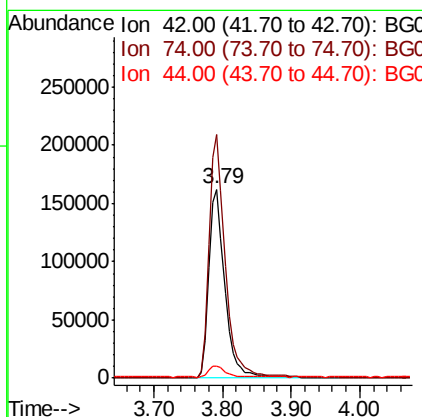
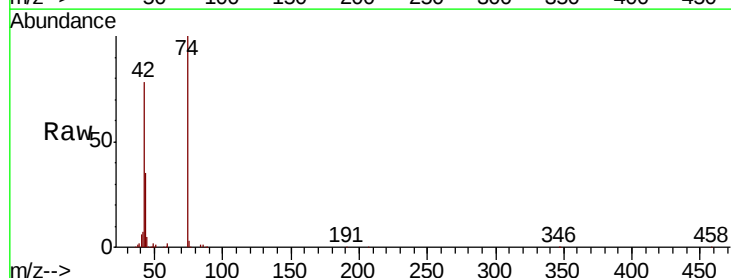
RT: 3.79 min Scan# 120

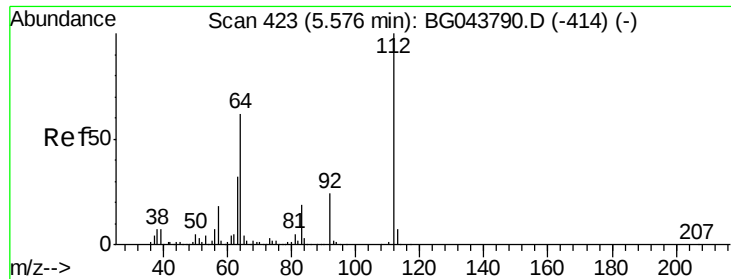
Delta R.T. 0.00 min

Lab File: BG043792.D

Acq: 9 Dec 2019 15:26

Tgt Ion:	42	Resp:	268423
Ion	Ratio	Lower	Upper
42	100		
74	128.8	104.2	156.4
44	6.6	5.6	8.4





#5

2-Fluorophenol

Concen: 111.921 ng

RT: 5.58 min Scan# 424

Delta R.T. 0.00 min

Lab File: BG043792.D

Acq: 9 Dec 2019 15:26

Instrument :

BNA_G

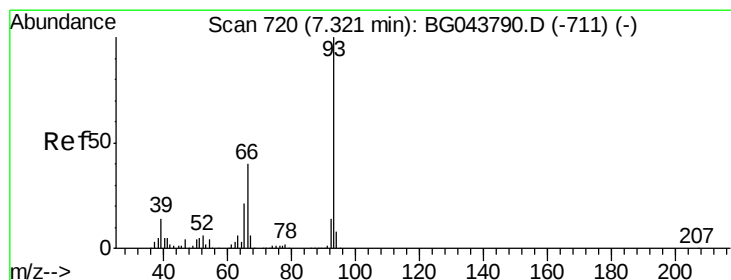
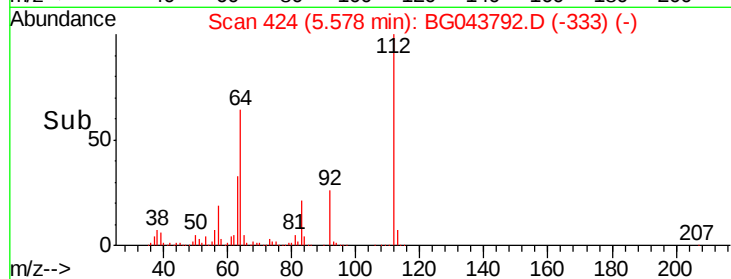
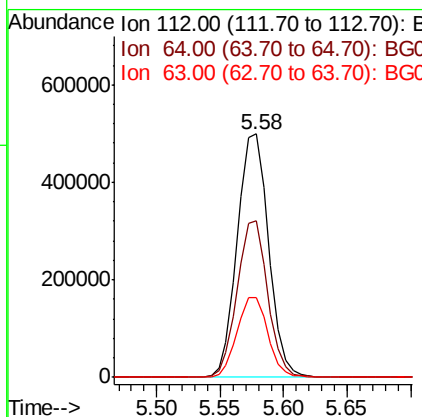
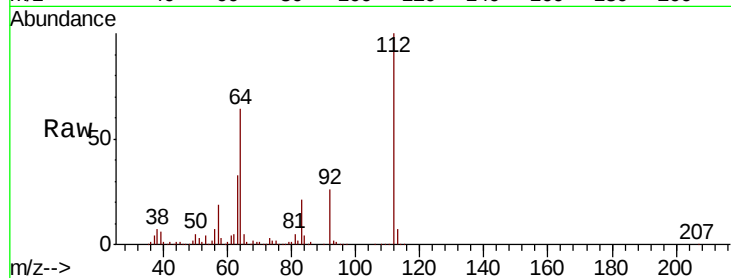
ClientSampleId :

SSTDIC060

Tot Ion	Ratio	Resp	Lower	Upper
112	100	858121		
64	64.3	49.9	74.9	
63	32.9	26.0	39.0	

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#6

Aniline

Concen: 56.819 ng

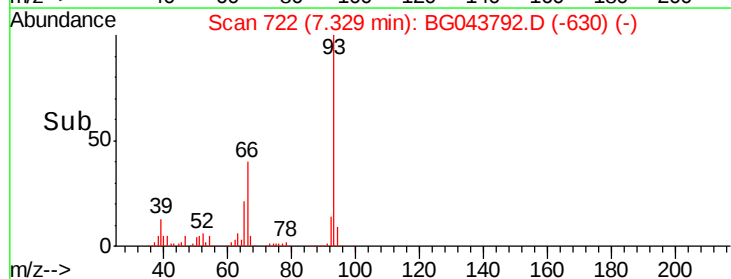
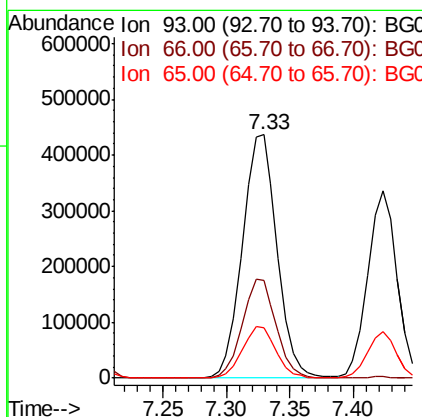
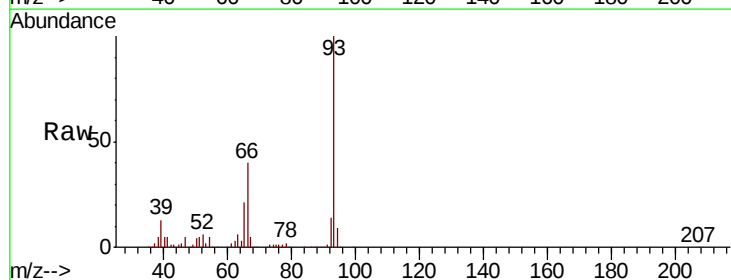
RT: 7.33 min Scan# 722

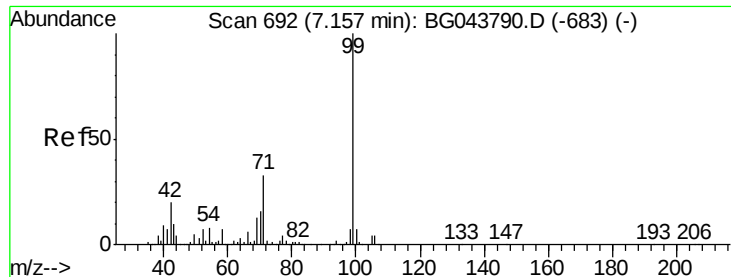
Delta R.T. 0.01 min

Lab File: BG043792.D

Acq: 9 Dec 2019 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	825273		
66	40.3	31.9	47.9	
65	20.7	16.8	25.2	





#7

Phenol-d6

Concen: 111.192 ng

RT: 7.16 min Scan# 693

Delta R.T. 0.00 min

Lab File: BG043792.D

Acq: 9 Dec 2019 15:26

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tot Ion: 99 Resp: 1239300

Ion Ratio Lower Upper

99 100

42 21.0 16.2 24.2

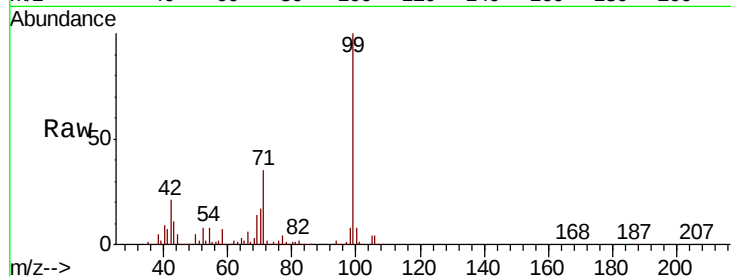
71 35.1 26.6 40.0

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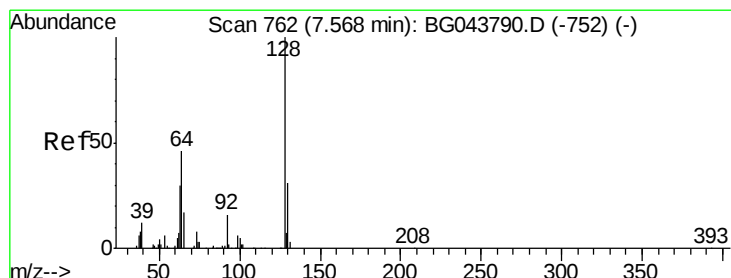
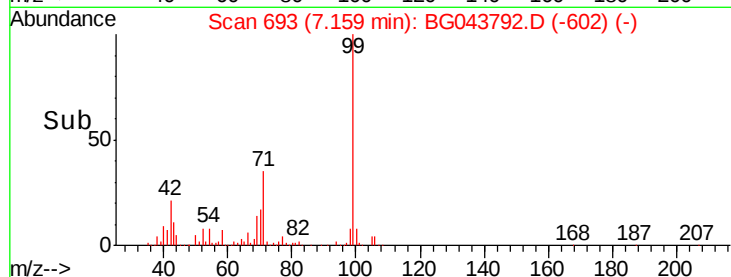
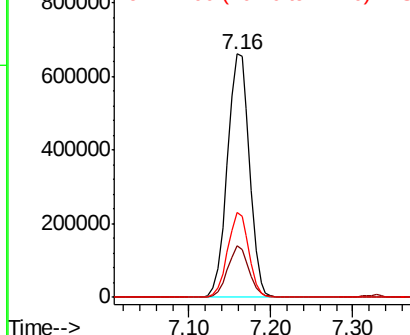
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 57.309 ng

RT: 7.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BG043792.D

Acq: 9 Dec 2019 15:26

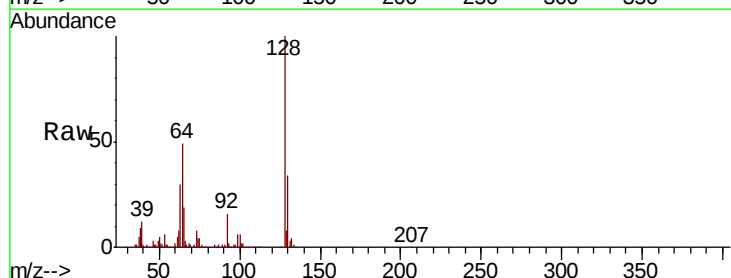
Tgt Ion:128 Resp: 501162

Ion Ratio Lower Upper

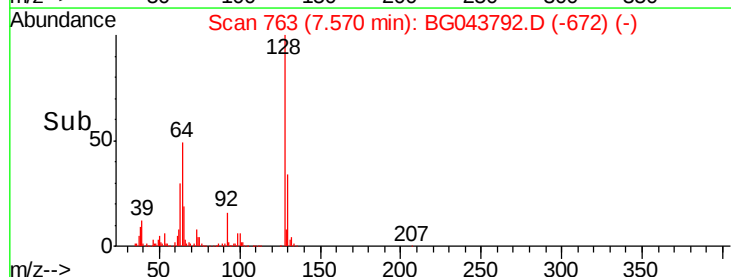
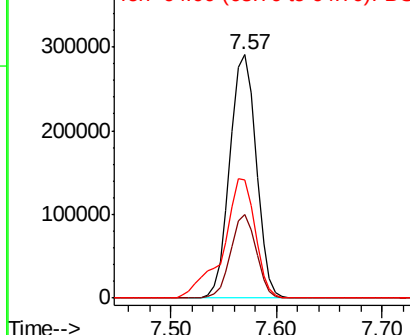
128 100

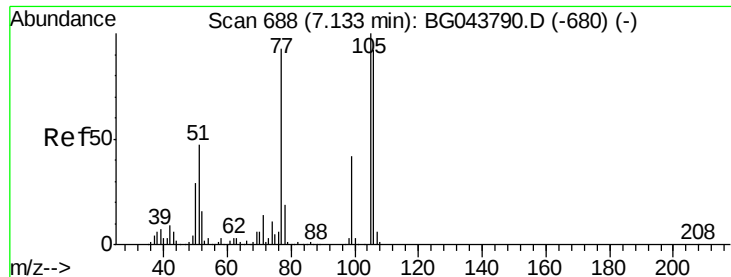
130 34.4 11.1 51.1

64 48.7 26.5 66.5



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





#9

Benzaldehyde

Concen: 44.982 ng

RT: 7.14 min Scan# 689

Delta R.T. 0.00 min

Lab File: BG043792.D

Acq: 9 Dec 2019 15:26

Instrument :

BNA_G

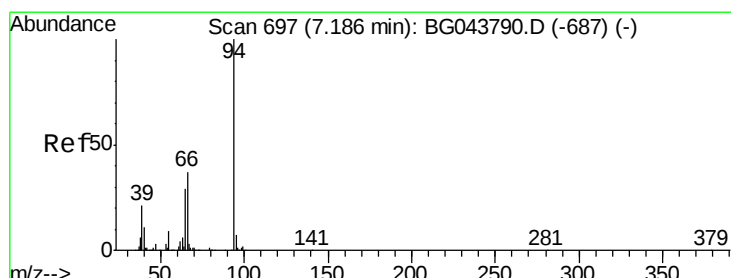
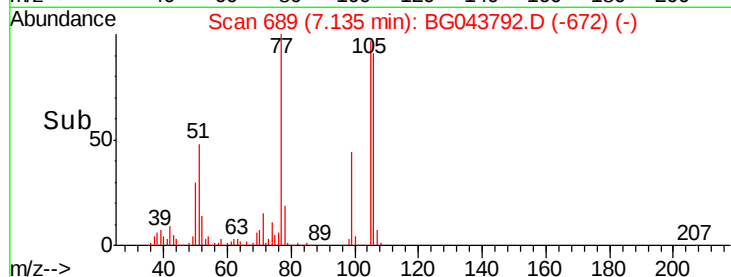
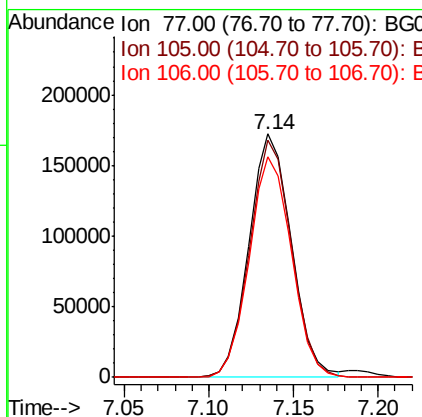
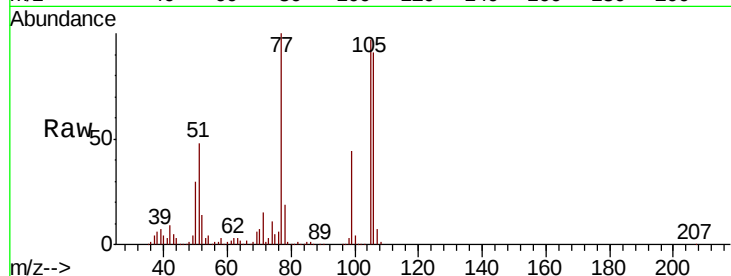
ClientSampleId :

SSTDIC060

Tot Ion:	77	Resp:	299470
Ion	Ratio	Lower	Upper
77	100		
105	97.3	87.1	127.1
106	90.7	78.2	118.2

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#10

Phenol

Concen: 56.079 ng

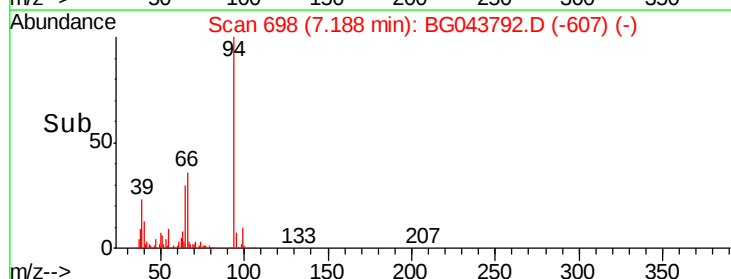
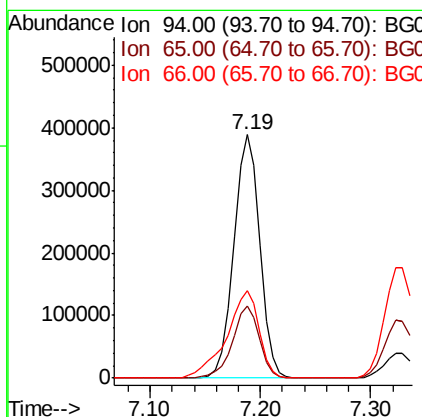
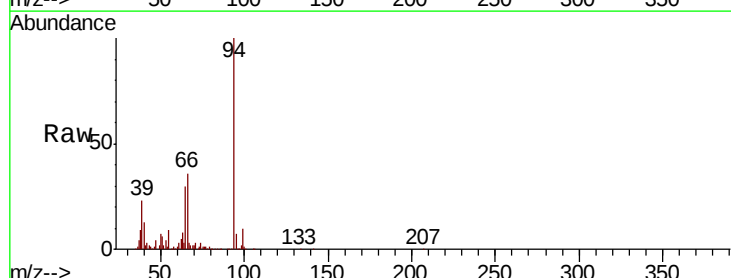
RT: 7.19 min Scan# 698

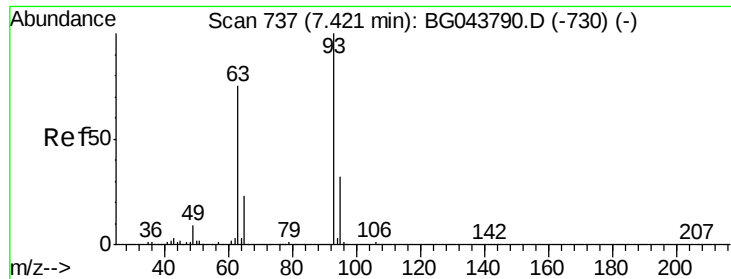
Delta R.T. 0.00 min

Lab File: BG043792.D

Acq: 9 Dec 2019 15:26

Tgt Ion:	94	Resp:	641654
Ion	Ratio	Lower	Upper
94	100		
65	29.8	9.5	49.5
66	35.7	16.8	56.8





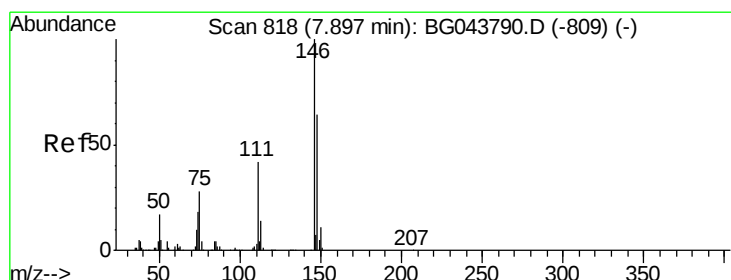
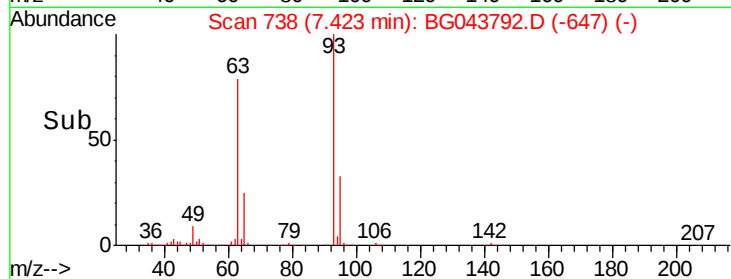
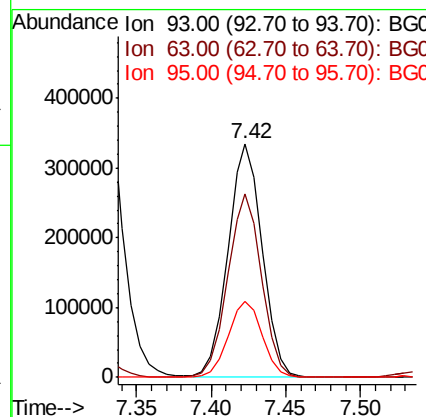
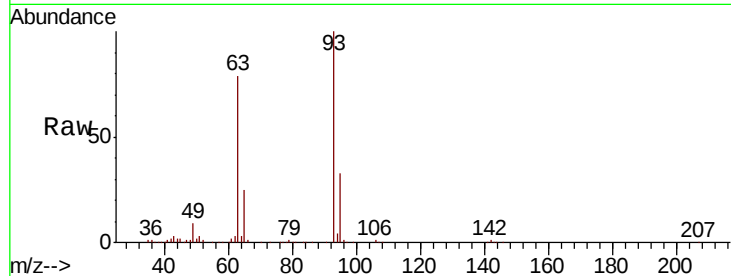
#11
bis(2-Chloroethyl)ether
Concen: 55.804 ng
RT: 7.42 min Scan# 738
Delta R.T. 0.00 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

Instrument :
BNA_G
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Resp	Lower	Upper
93	100	532885		
63	78.6		54.7	94.7
95	32.7		11.3	51.3

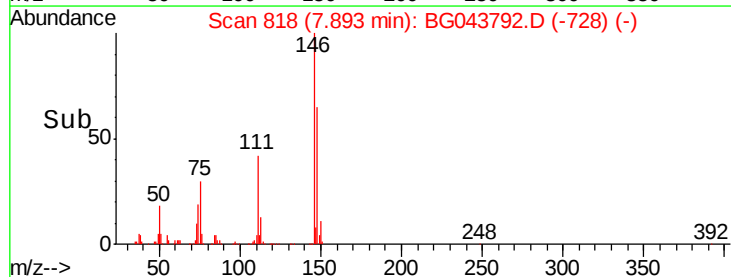
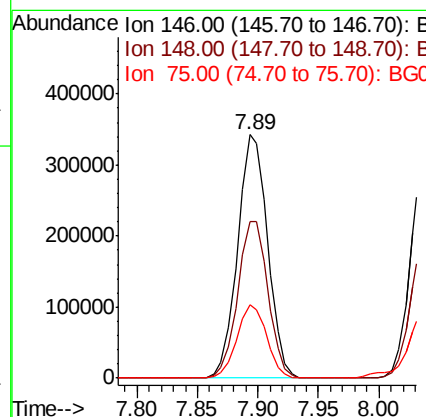
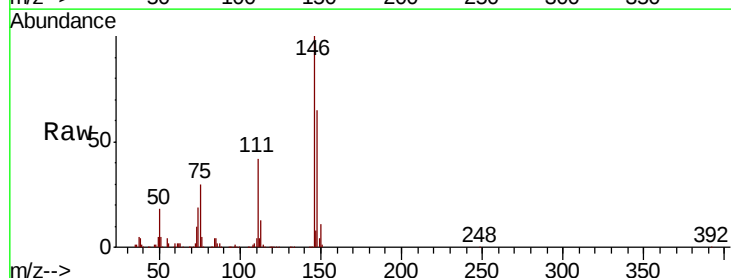
Manual Integrations
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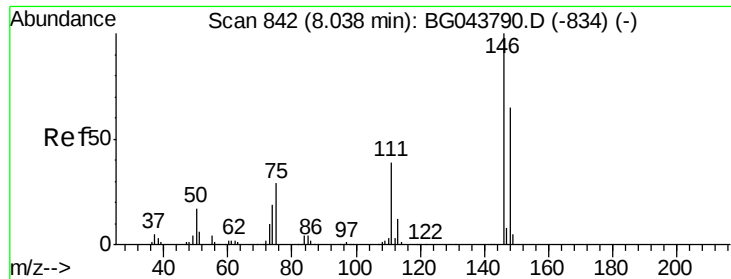
mohammad
12/10/2019 11:51:03 AM



#12
1,3-Dichlorobenzene
Concen: 57.708 ng
RT: 7.89 min Scan# 818
Delta R.T. -0.00 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	594064		
148	64.5		51.4	77.2
75	30.2		22.4	33.6





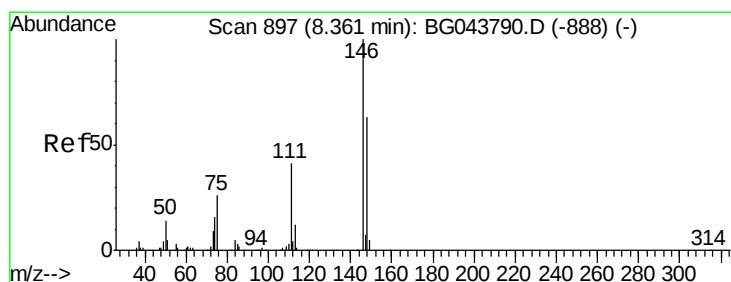
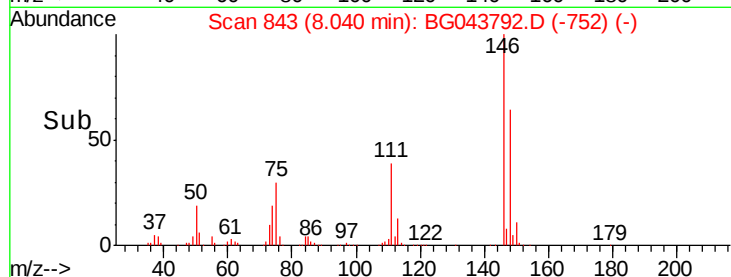
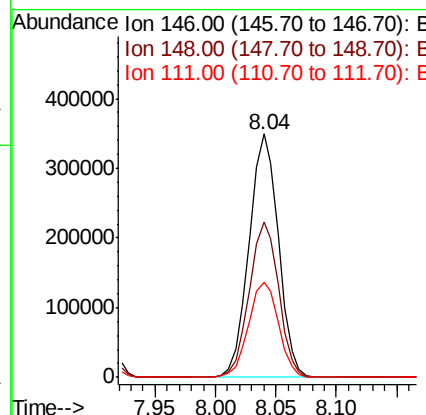
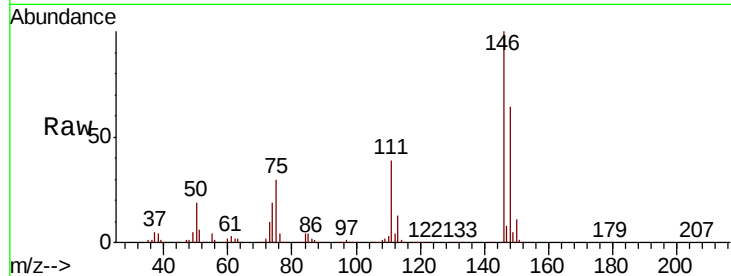
#13
1,4-Dichlorobenzene
Concen: 56.886 ng
RT: 8.04 min Scan# 843
Delta R.T. 0.00 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

Instrument :
BNA_G
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.8	77.8
111	39.0	31.4	47.2

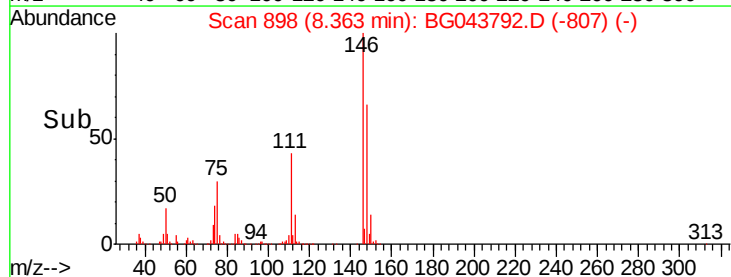
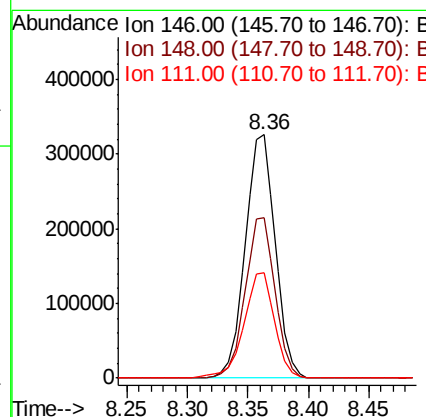
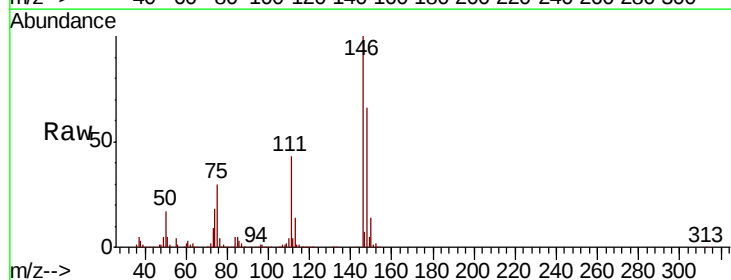
Manual Integrations
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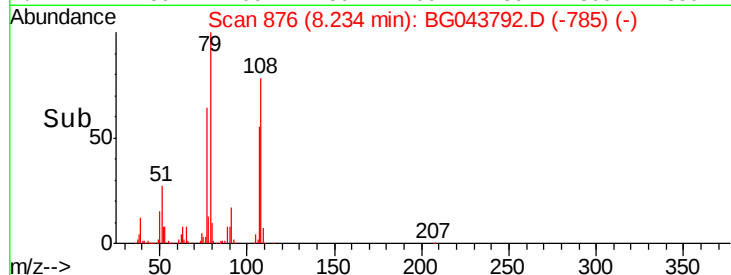
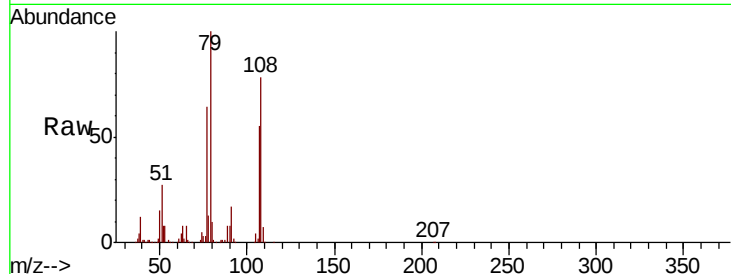
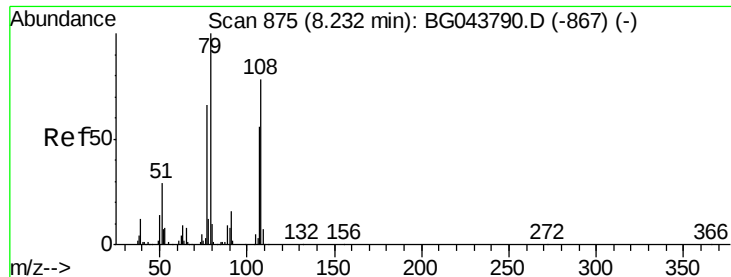
mohammad
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#14
1,2-Dichlorobenzene
Concen: 57.208 ng
RT: 8.36 min Scan# 898
Delta R.T. 0.00 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.0	50.2	75.2
111	43.2	33.4	50.2





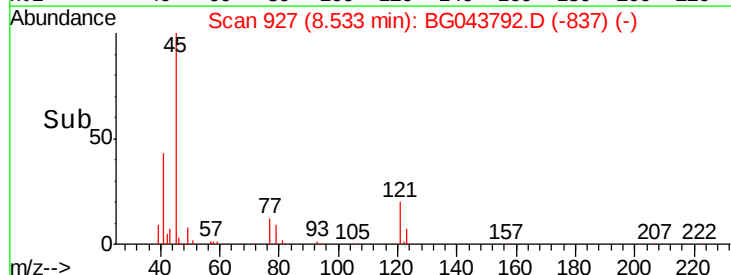
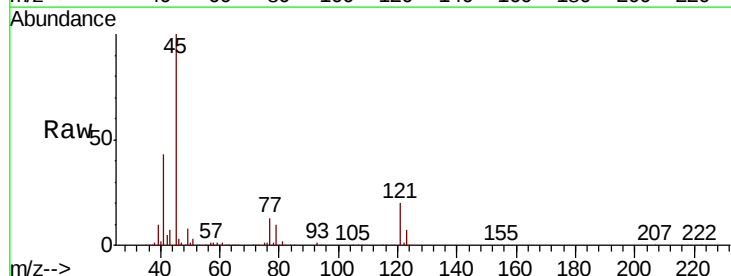
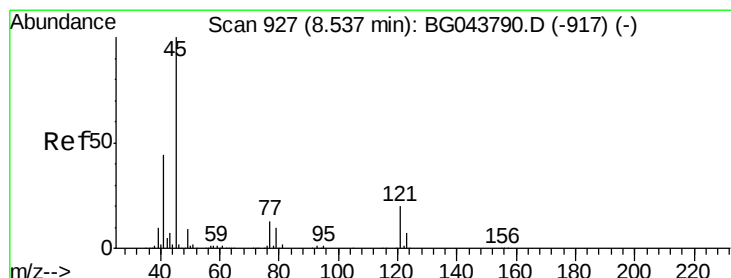
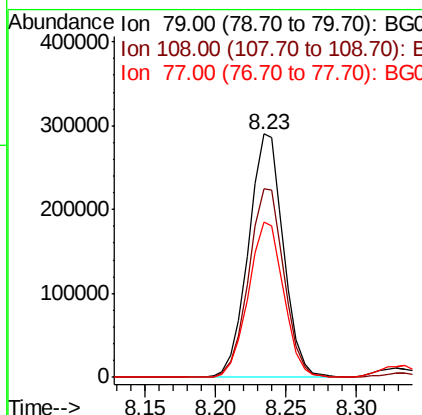
#15
Benzyl Alcohol
Concen: 54.038 ng
RT: 8.23 min Scan# 876
Delta R.T. 0.00 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.5	62.2	93.2
77	63.8	52.8	79.2

Instrument :
BNA_G
ClientSampleId :
SSTDIC060

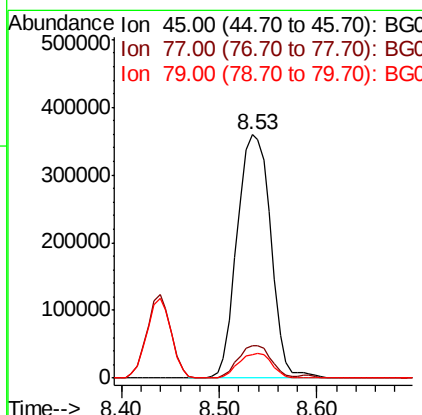
Manual Integrations
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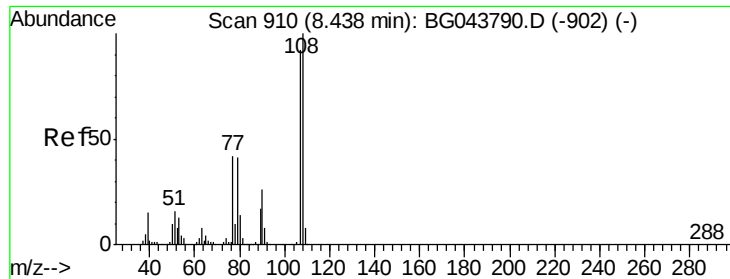
mohammad
12/10/2019 11:51:03 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.801 ng
RT: 8.53 min Scan# 927
Delta R.T. -0.00 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.2	0.0	33.6
79	9.9	0.0	29.9





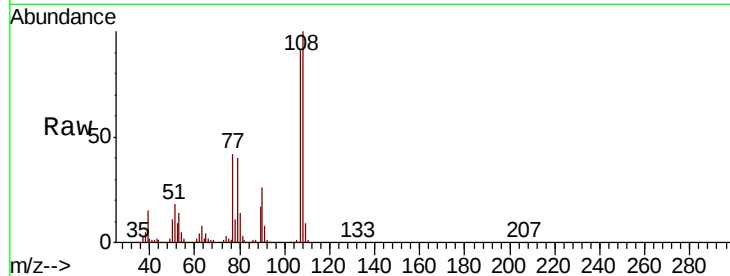
#17
2-Methylphenol
Concen: 56.096 ng
RT: 8.44 min Scan# 911
Delta R.T. 0.00 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.2	87.2	130.8	
77	46.8	36.6	54.8	
79	44.5	35.5	53.3	

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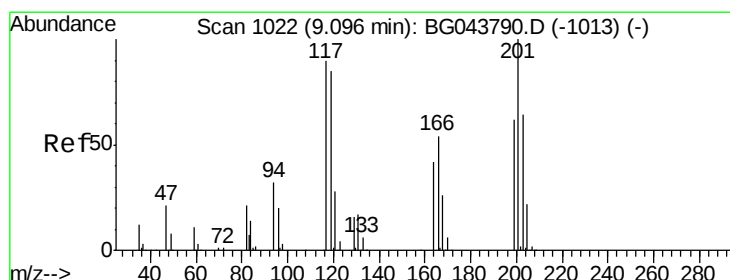
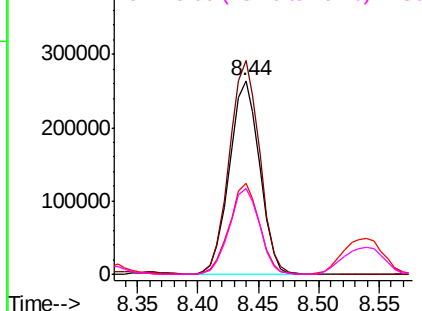
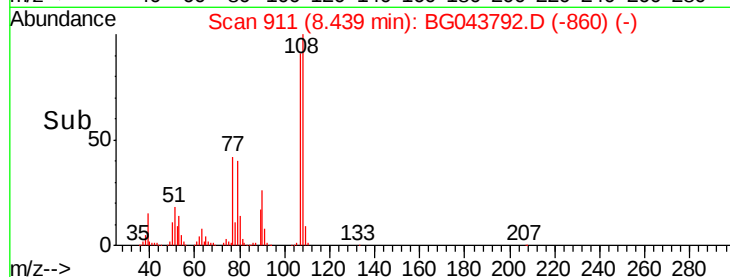
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

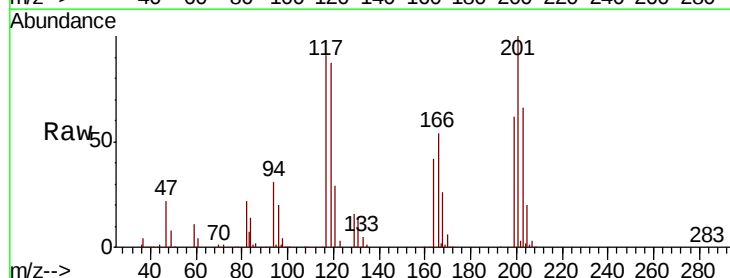
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 55.091 ng
RT: 9.09 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.1	75.6	113.4	
201	110.5	88.6	133.0	

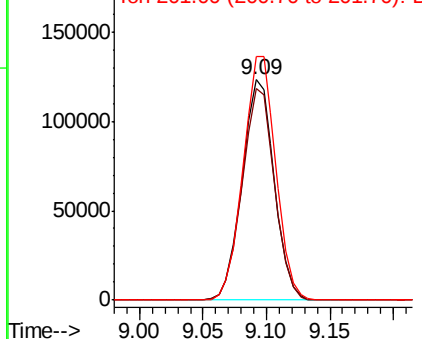
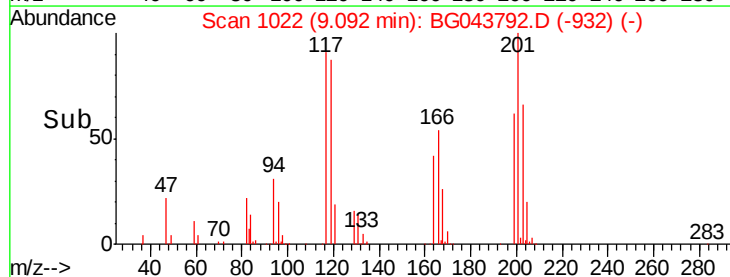


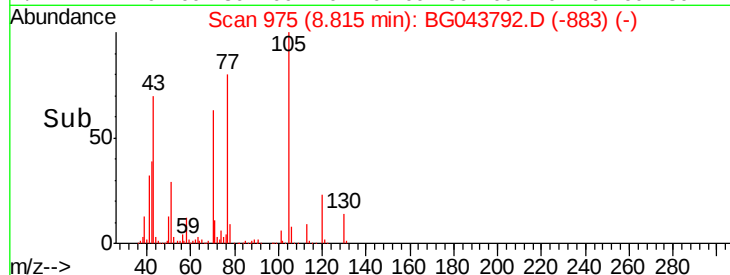
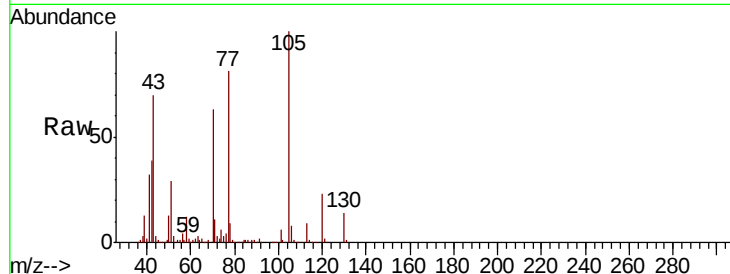
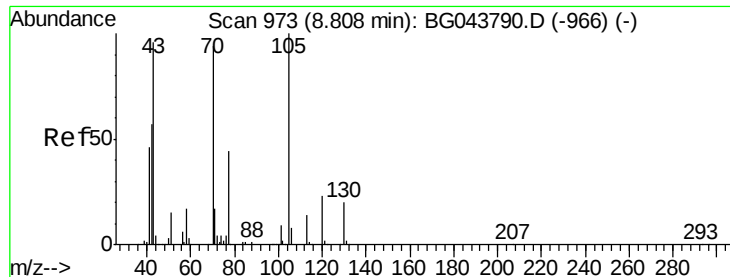
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

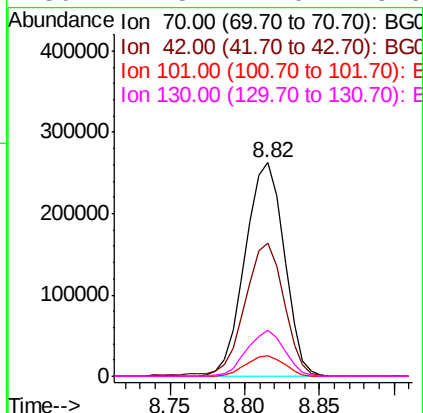
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 54.368 ng
RT: 8.82 min Scan# 975
Delta R.T. 0.01 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

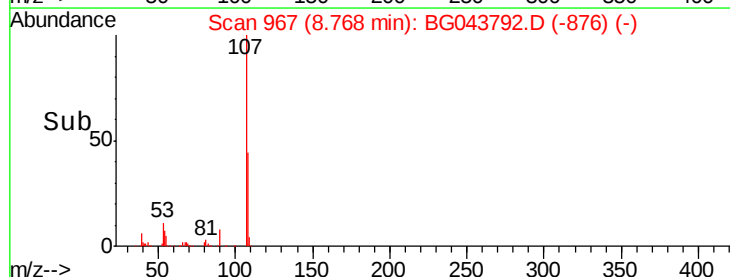
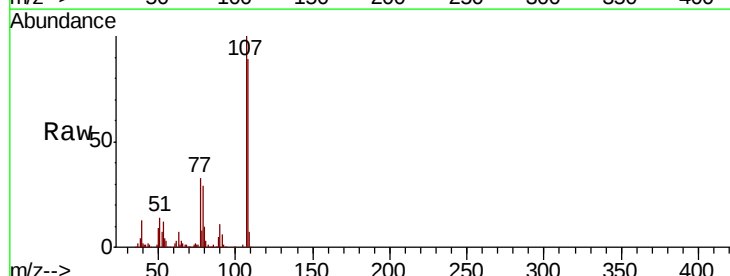
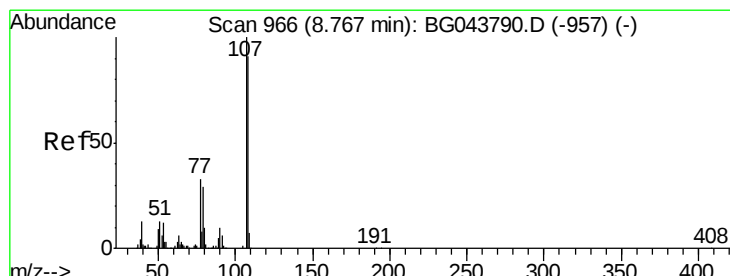
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	62.3	49.2	73.8	
101	9.8	7.8	11.6	
130	21.8	17.0	25.6	



Instrument :
BNA_G
ClientSampleId :
SSTDIC060

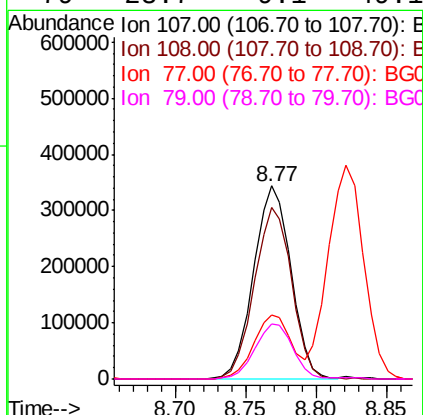
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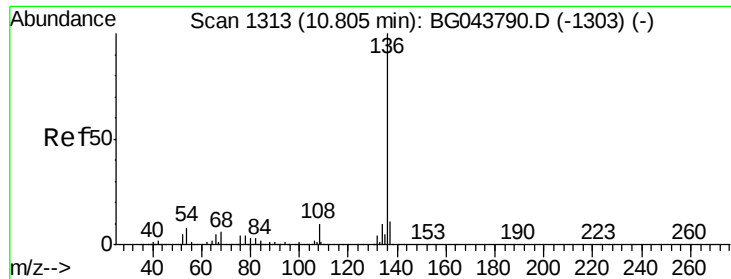
mohammad
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#20
3+4-Methylphenols
Concen: 56.125 ng
RT: 8.77 min Scan# 967
Delta R.T. 0.00 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.0	70.9	110.9	
77	33.1	12.7	52.7	
79	28.7	9.1	49.1	





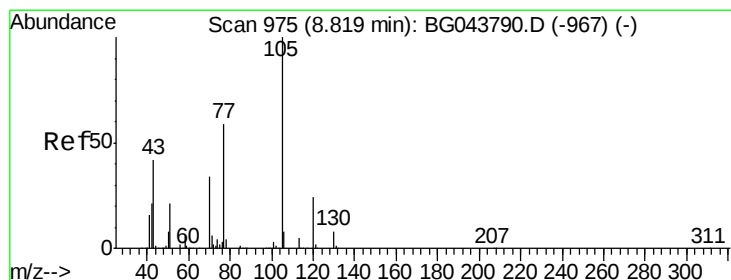
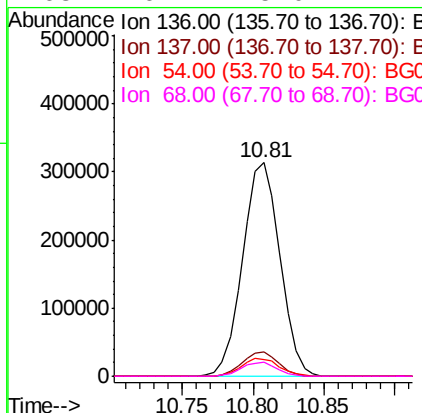
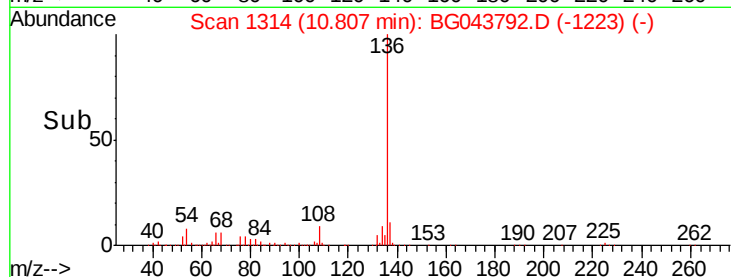
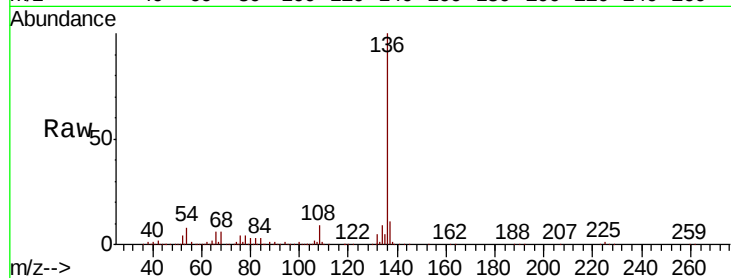
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
136	100	580680		
137	11.3		8.7	13.1
54	8.0		6.8	10.2
68	6.4		5.0	7.4

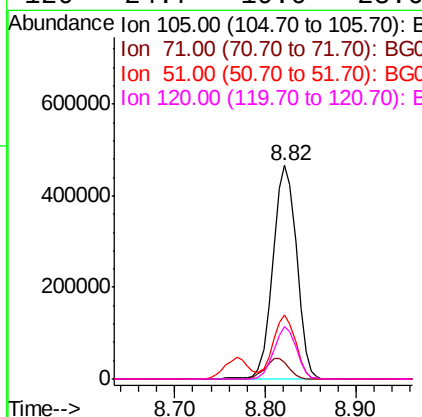
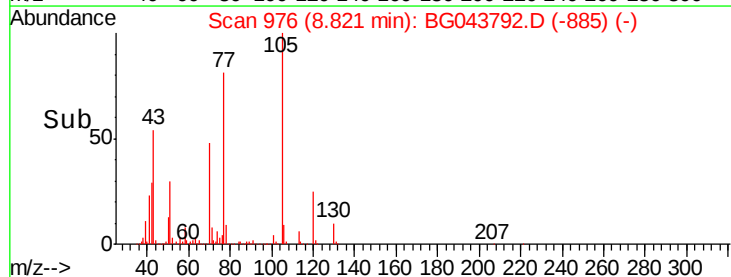
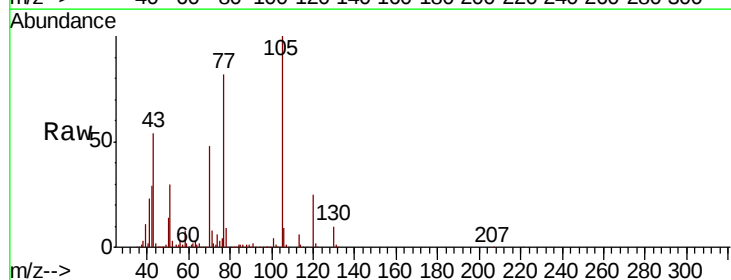
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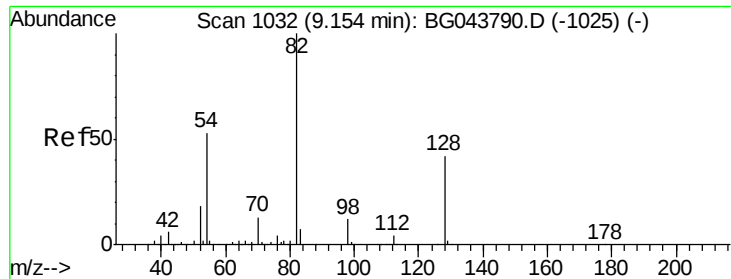
mohammad
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#22
Acetophenone
Concen: 55.055 ng
RT: 8.82 min Scan# 976
Delta R.T. 0.00 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	847326		
71	7.6		4.9	7.3#
51	30.0		22.2	33.4
120	24.7		19.0	28.6





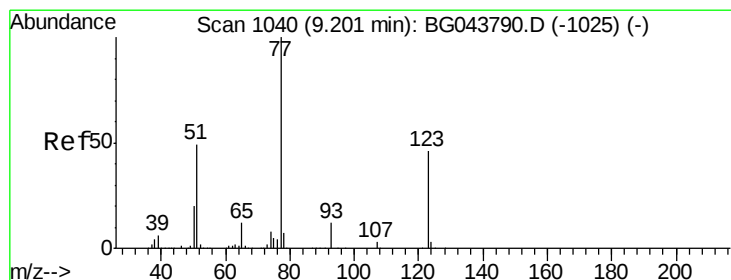
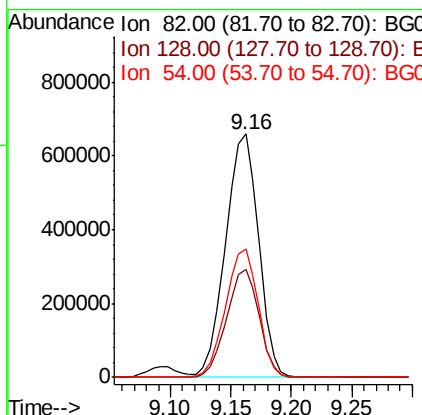
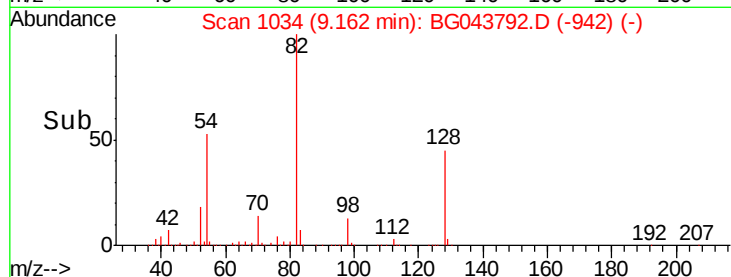
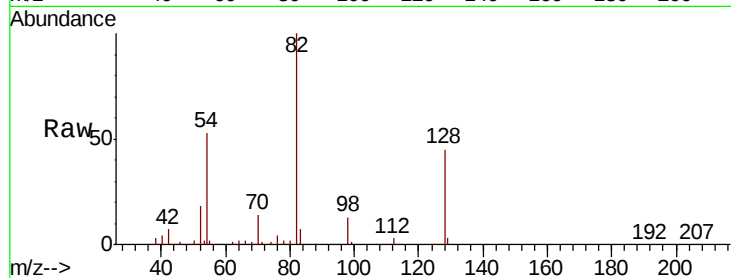
#23
 Nitrobenzene-d5
 Concen: 118.511 ng
 RT: 9.16 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: BG043792.D
 Acq: 9 Dec 2019 15:26

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.6	33.6	50.4
54	52.6	42.1	63.1

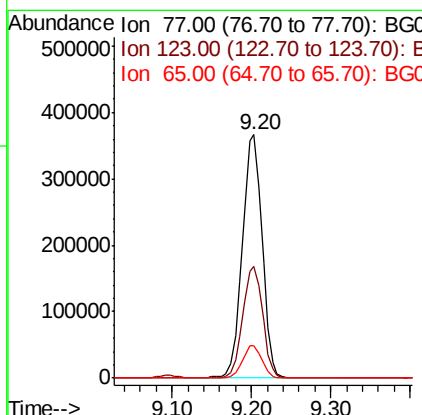
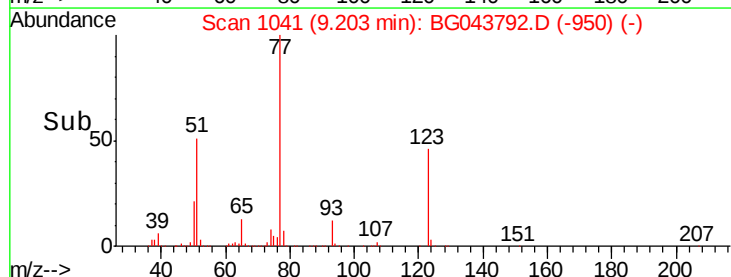
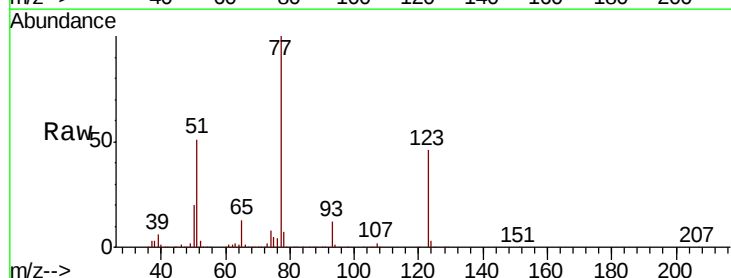
Manual Integrations
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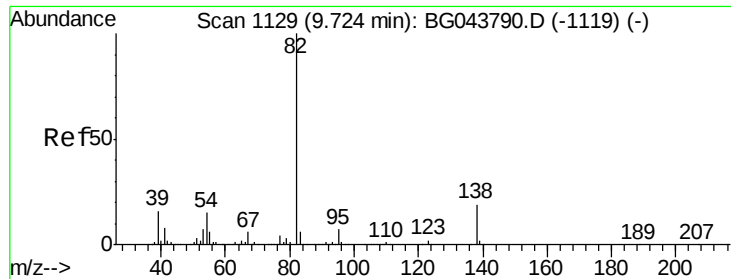
mohammad
 12/10/2019 11:51:03 AM



#24
 Nitrobenzene
 Concen: 58.255 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BG043792.D
 Acq: 9 Dec 2019 15:26

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.1	36.6	55.0
65	13.3	9.8	14.6





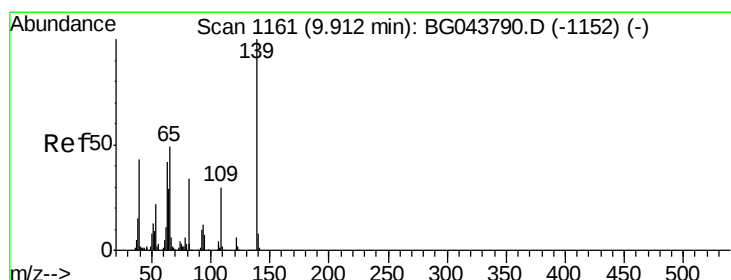
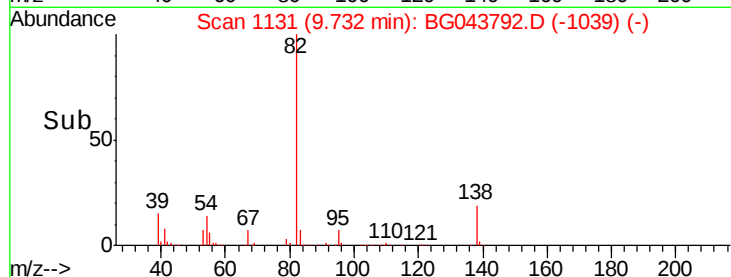
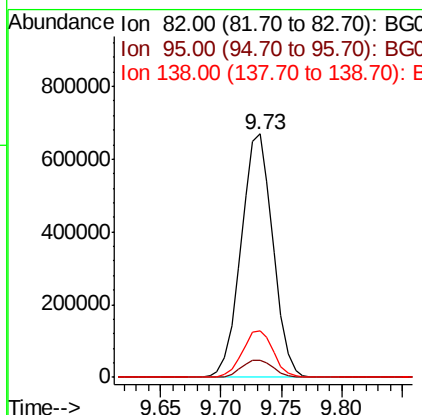
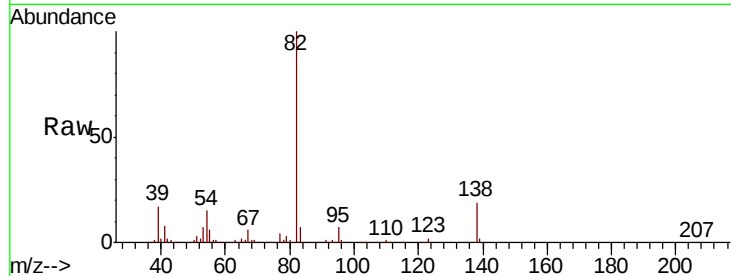
#25
Isophorone
Concen: 54.188 ng
RT: 9.73 min Scan# 1131
Delta R.T. 0.01 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tot Ion: 82 Resp: 1227124
Ion Ratio Lower Upper
82 100
95 7.2 5.6 8.4
138 19.0 14.8 22.2

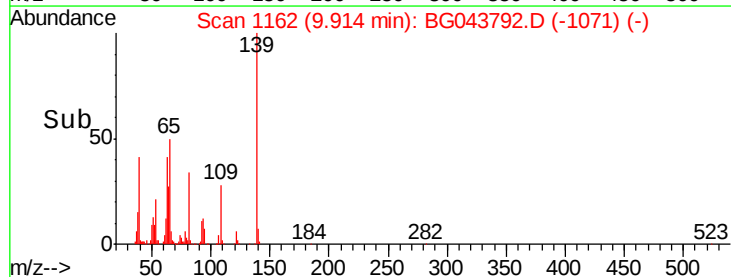
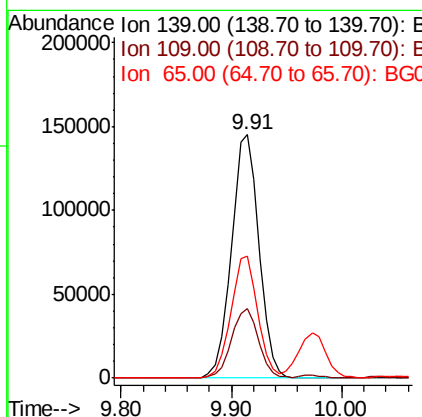
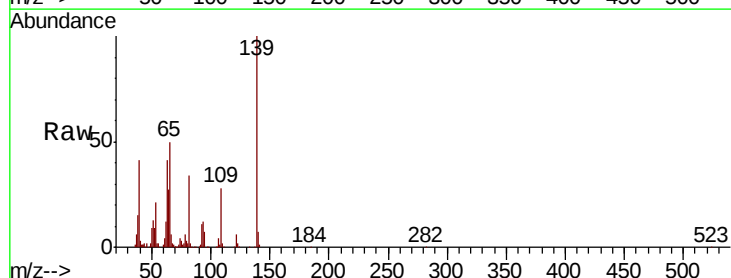
Manual Integrations
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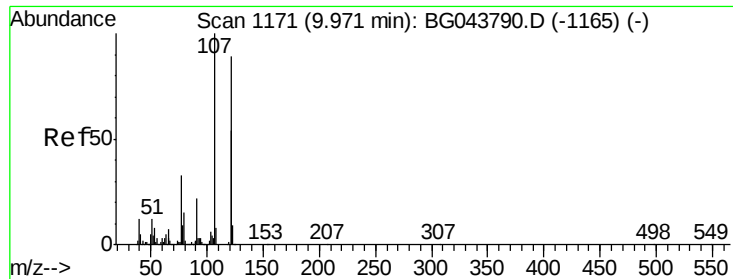
mohammad
12/10/2019 11:51:03 AM



#26
2-Nitrophenol
Concen: 64.633 ng
RT: 9.91 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

Tgt Ion: 139 Resp: 253143
Ion Ratio Lower Upper
139 100
109 28.4 23.9 35.9
65 50.1 39.3 58.9





#27

2,4-Dimethylphenol

Concen: 57.672 ng

RT: 9.97 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BG043792.D

Acq: 9 Dec 2019 15:26

Instrument :

BNA_G

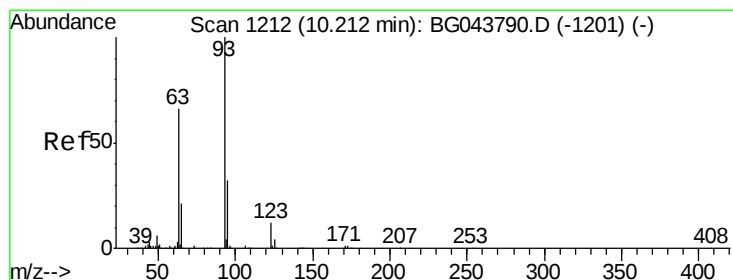
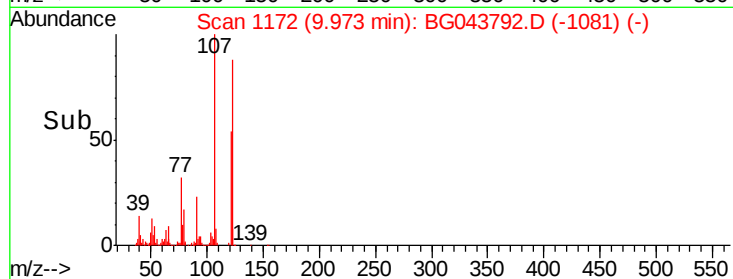
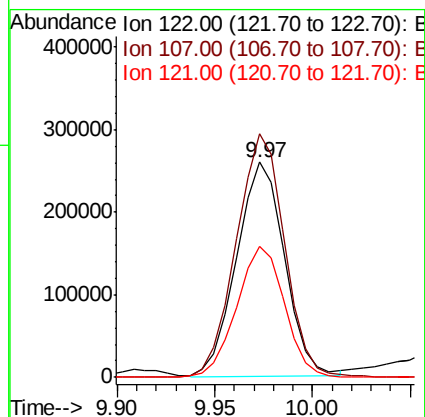
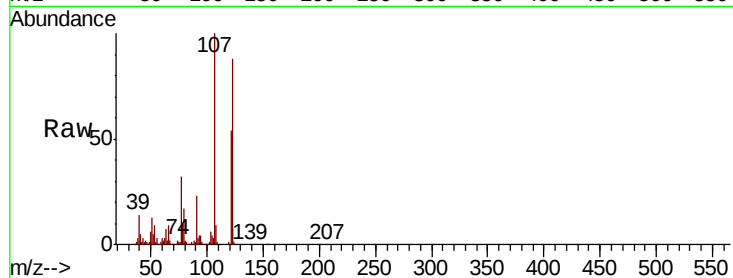
ClientSampleId :

SSTDIC060

Tot Ion:	122	Resp:	443531
Ion Ratio	Lower	Upper	
122	100		
107	113.3	90.0	135.0
121	60.7	48.6	73.0

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#28

bis(2-Chloroethoxy)methane

Concen: 55.818 ng

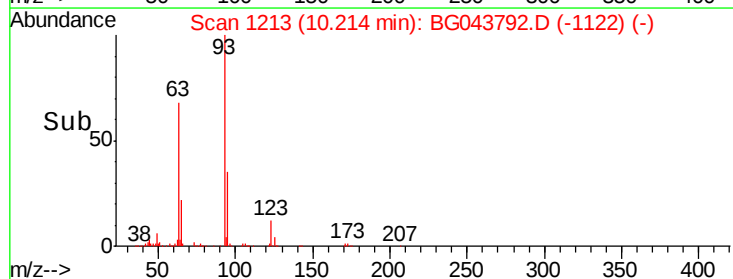
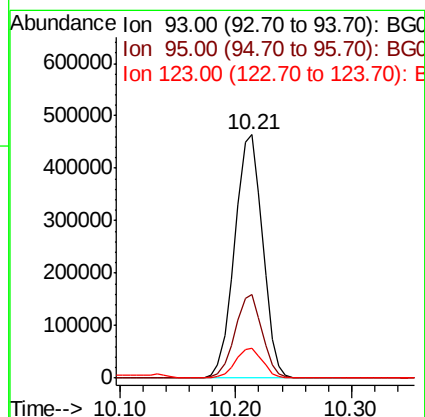
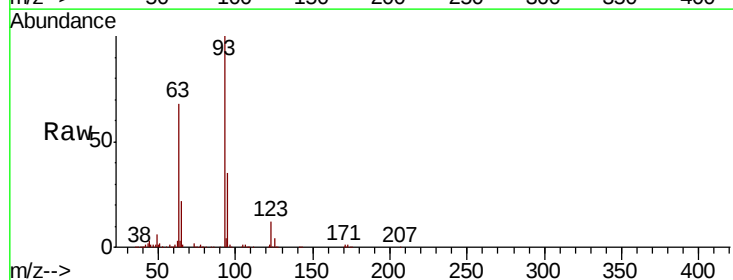
RT: 10.21 min Scan# 1213

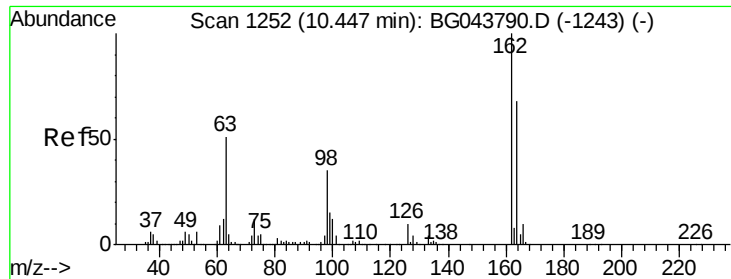
Delta R.T. 0.00 min

Lab File: BG043792.D

Acq: 9 Dec 2019 15:26

Tgt Ion:	93	Resp:	779073
Ion Ratio	Lower	Upper	
93	100		
95	34.5	25.7	38.5
123	12.1	9.5	14.3





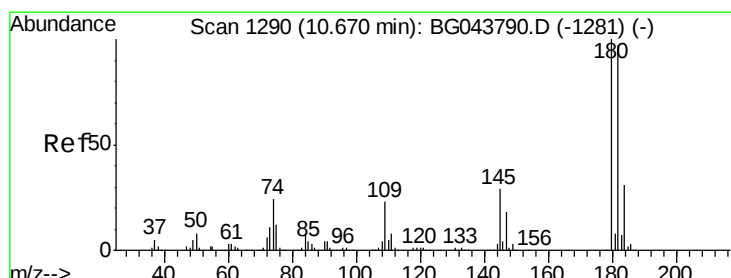
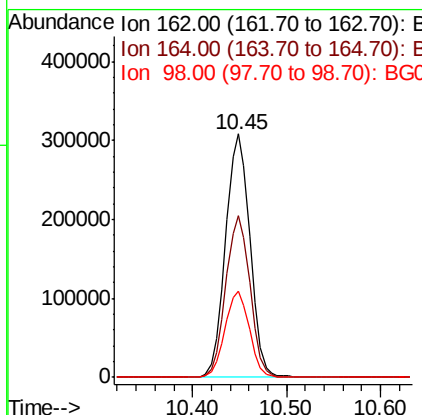
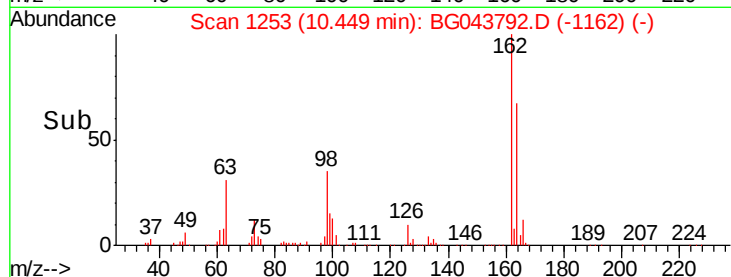
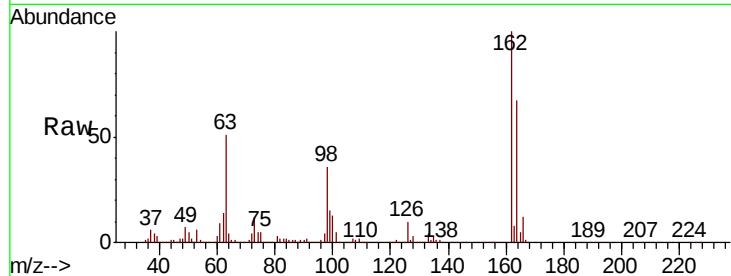
#29
2,4-Dichlorophenol
Concen: 59.432 ng
RT: 10.45 min Scan# 1253
Delta R.T. 0.00 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

Instrument :
BNA_G
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Resp	Lower	Upper
162	100	555651		
164	66.6	48.0	88.0	
98	35.5	14.9	54.9	

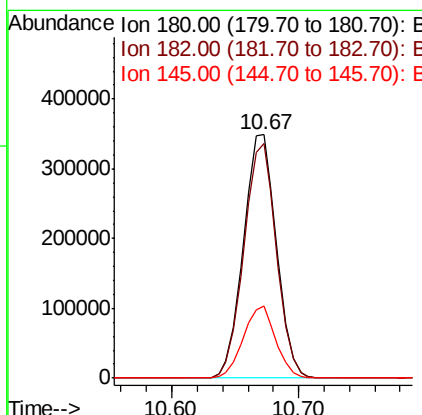
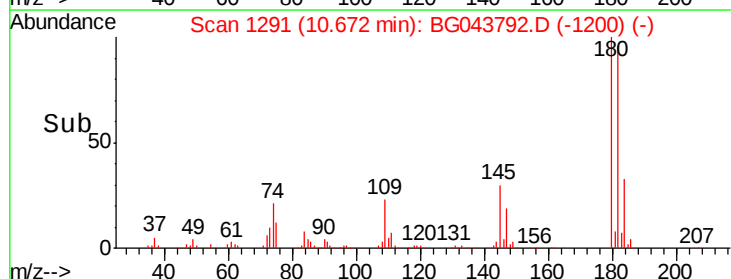
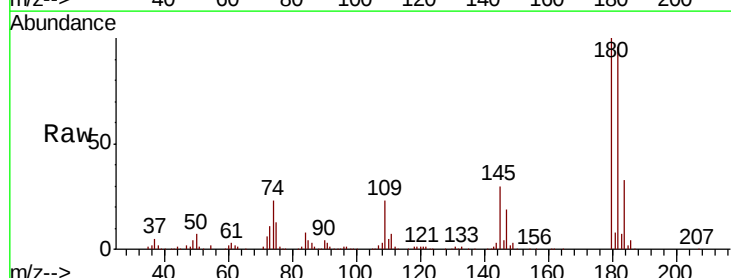
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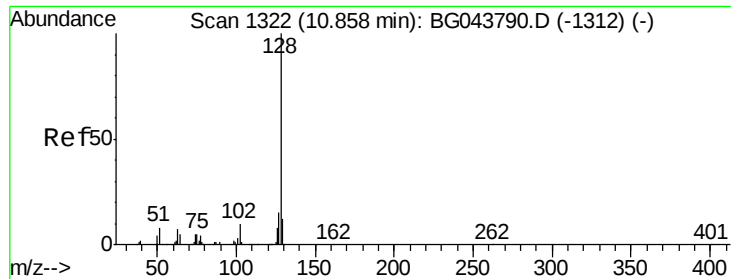
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 57.627 ng
RT: 10.67 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	631361		
182	96.4	77.8	116.8	
145	29.8	23.0	34.6	





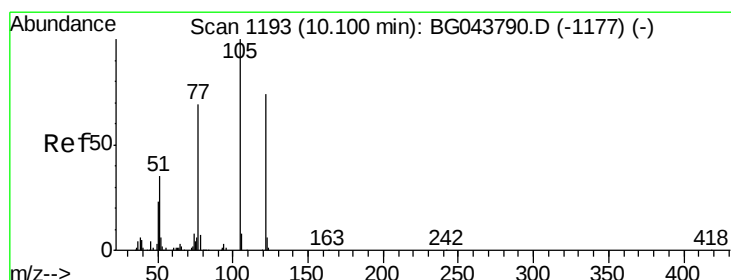
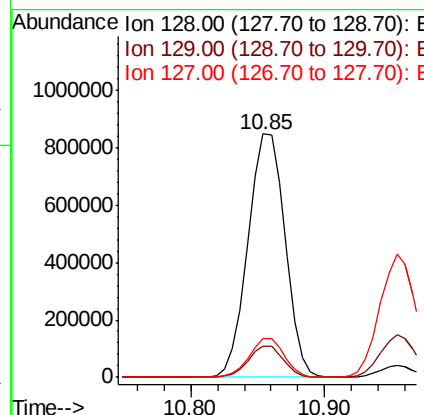
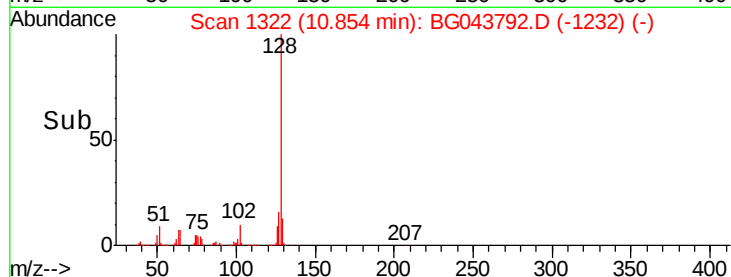
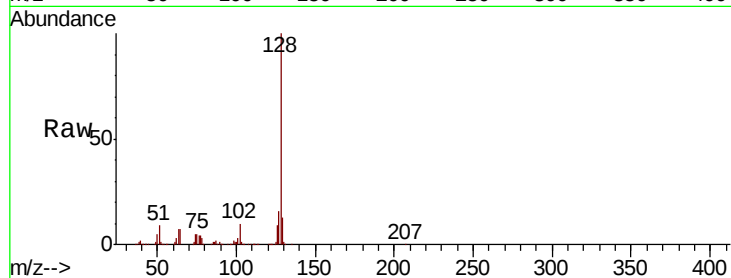
#31
Naphthalene
Concen: 56.436 ng
RT: 10.85 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.7	9.8	14.6
127	16.0	11.9	17.9

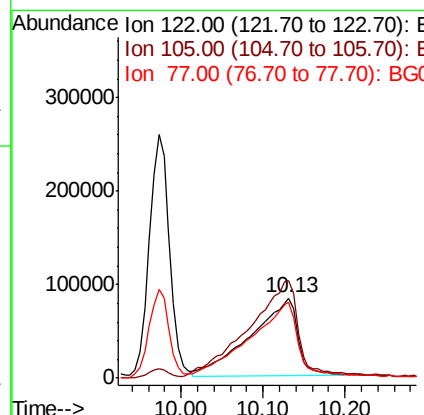
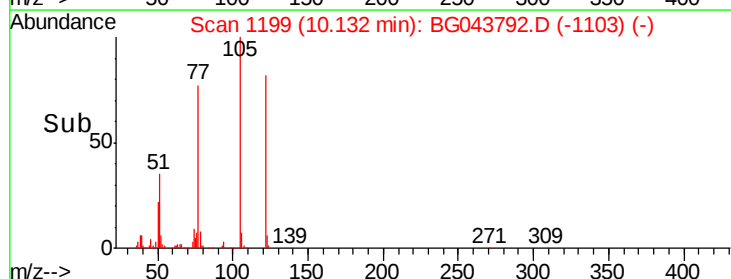
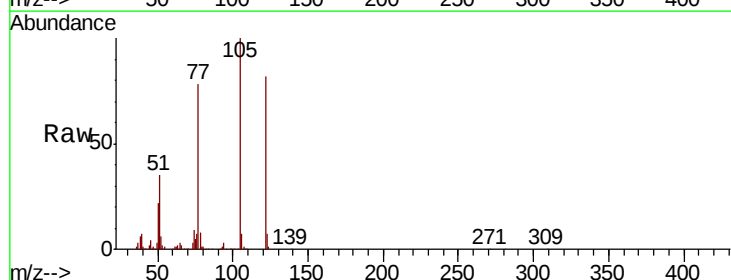
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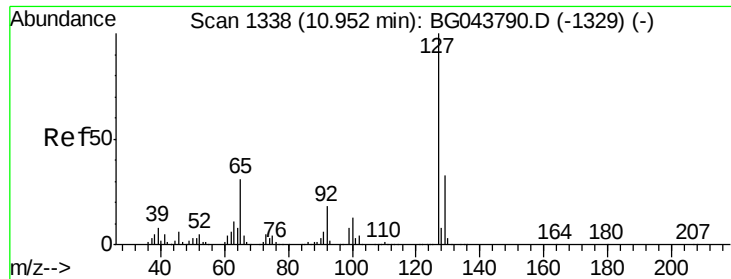
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#32
Benzoic acid
Concen: 59.531 ng
RT: 10.13 min Scan# 1199
Delta R.T. 0.03 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.3	107.5	147.5
77	94.9	71.7	111.7





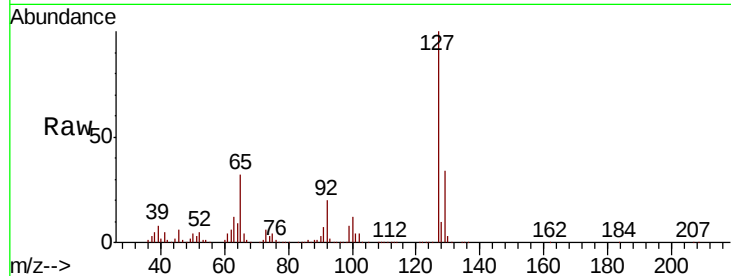
#33
4-Chloroaniline
Concen: 57.349 ng
RT: 10.95 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	34.3	26.1	39.1		
65	32.2	24.4	36.6		
92	19.6	14.6	22.0		

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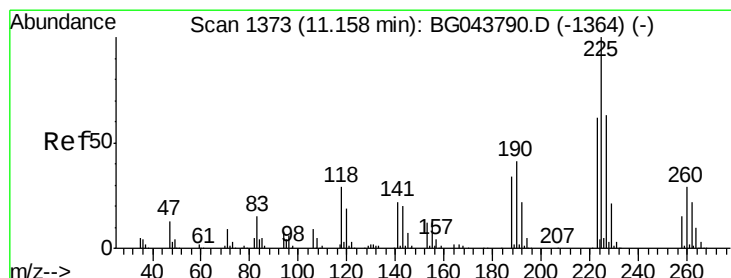
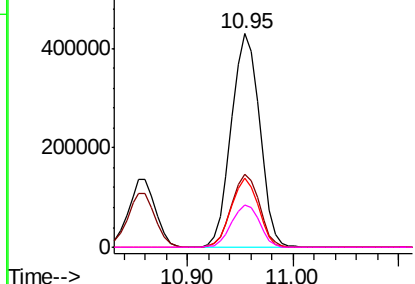
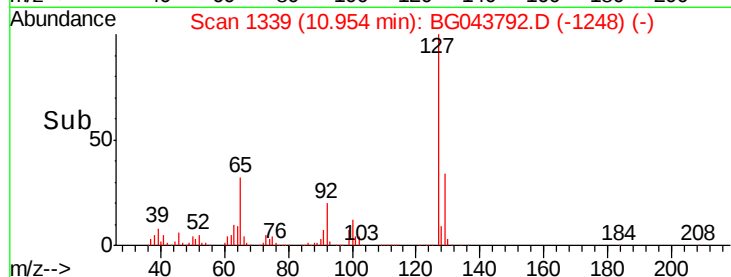
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

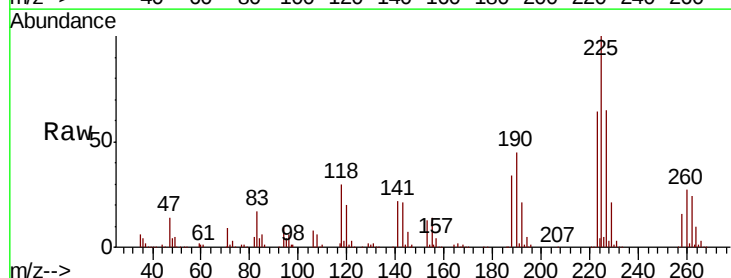
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 53.199 ng
RT: 11.15 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.8	49.3	73.9		
227	65.3	50.2	75.2		

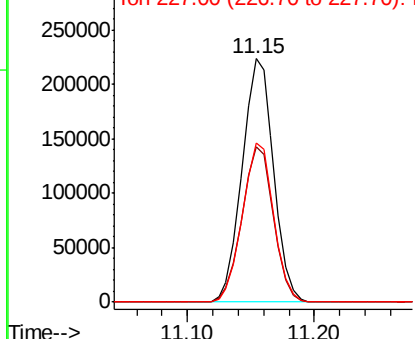
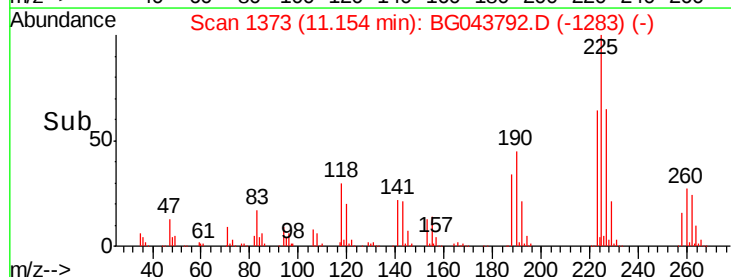


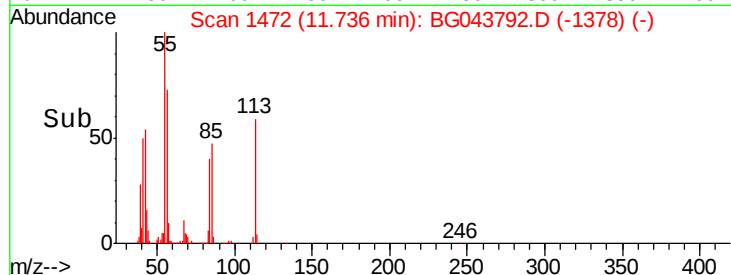
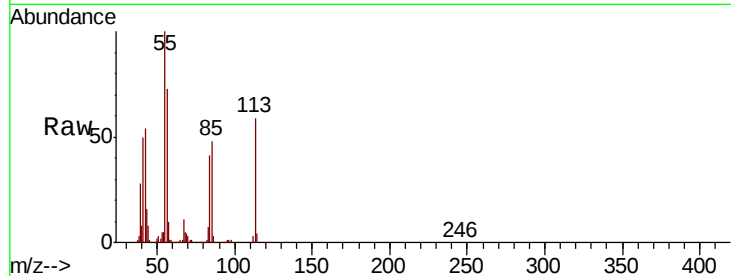
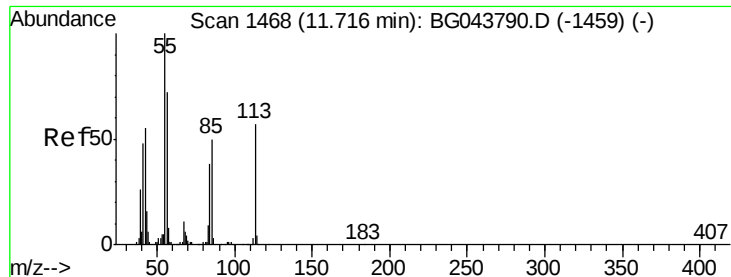
Abundance

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





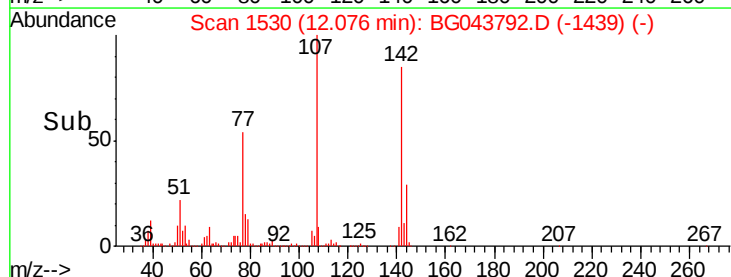
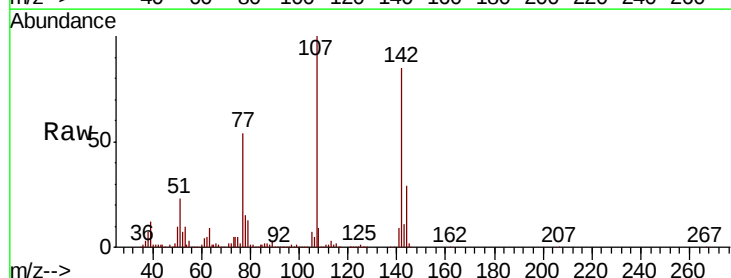
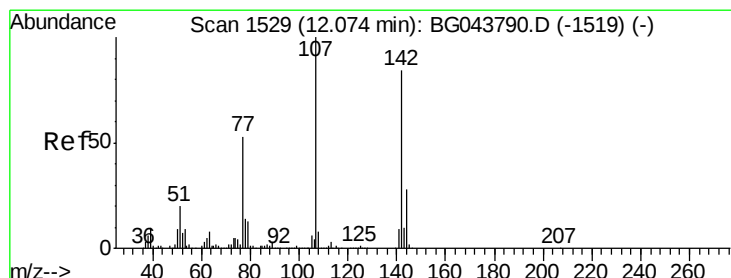
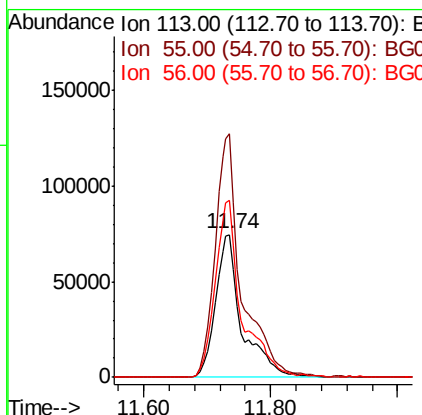
#35
Caprolactam
Concen: 57.385 ng
RT: 11.74 min Scan# 1472
Delta R.T. 0.02 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

Tot Ion	Ratio	Lower	Upper
113	100		
55	170.4	154.2	194.2
56	123.8	105.6	145.6

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

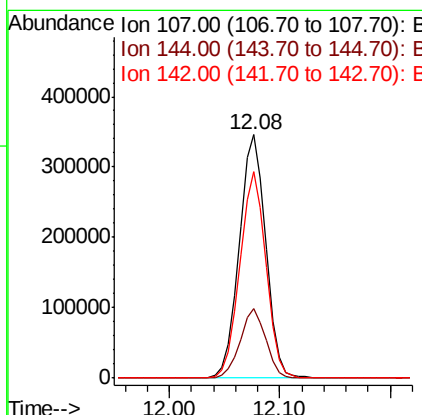
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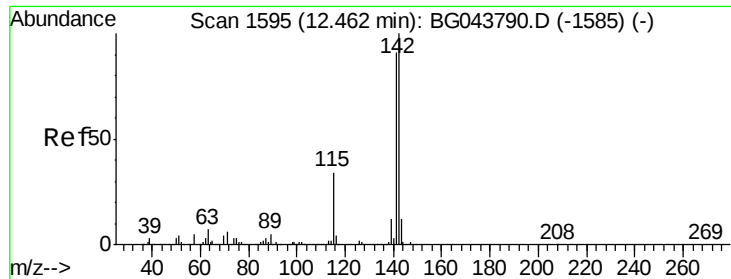
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 55.632 ng
RT: 12.08 min Scan# 1530
Delta R.T. 0.00 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.5	22.2	33.4
142	84.9	67.0	100.6





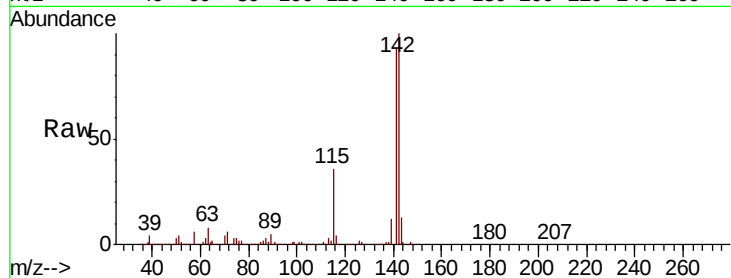
#37
2-Methylnaphthalene
Concen: 58.121 ng
RT: 12.46 min Scan# 1595
Delta R.T. -0.00 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.3	73.2	109.8
115	35.8	27.3	40.9

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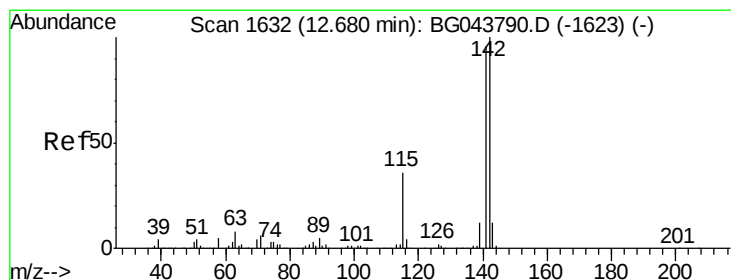
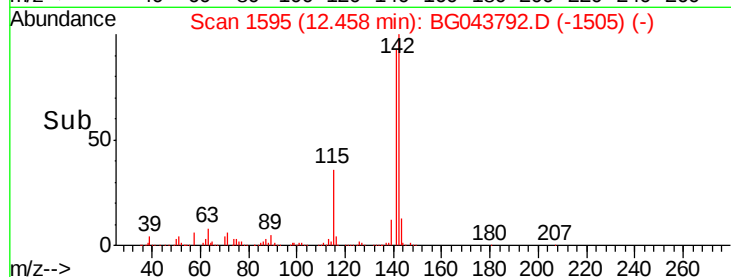
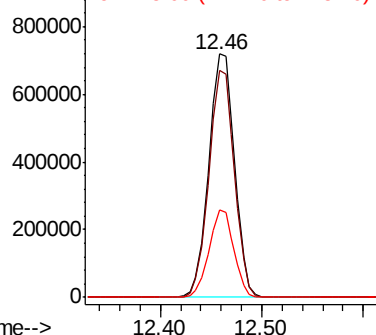


Abundance

Ion 142.00 (141.70 to 142.70): E

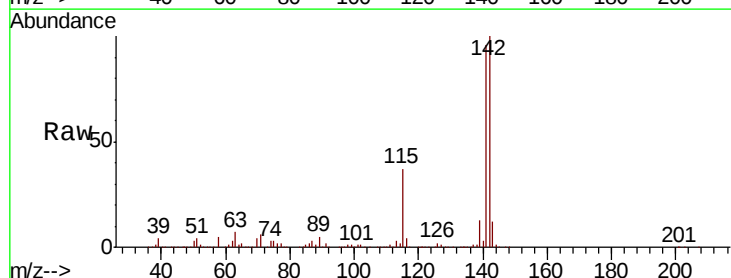
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 58.294 ng
RT: 12.68 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.2	76.9	115.3
116	4.0	3.2	4.8

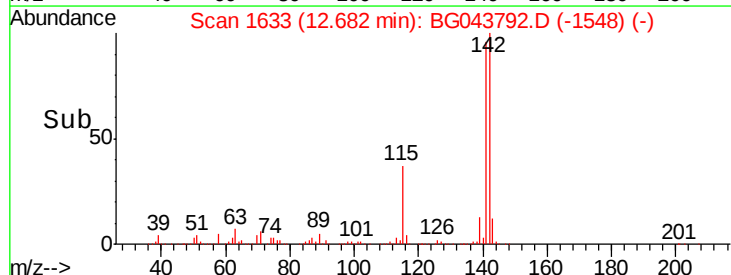
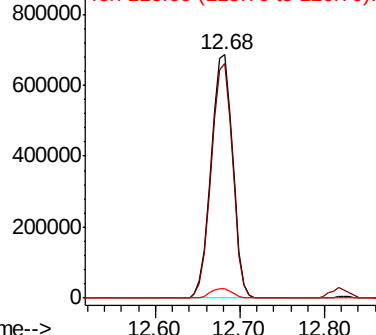


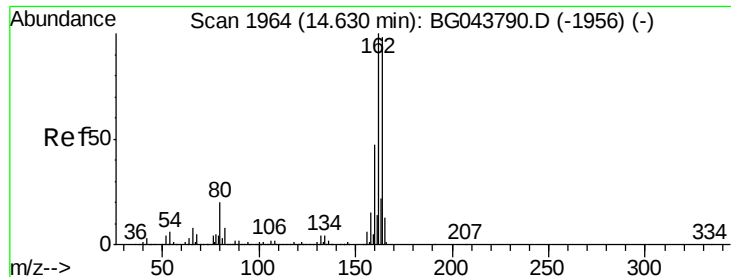
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





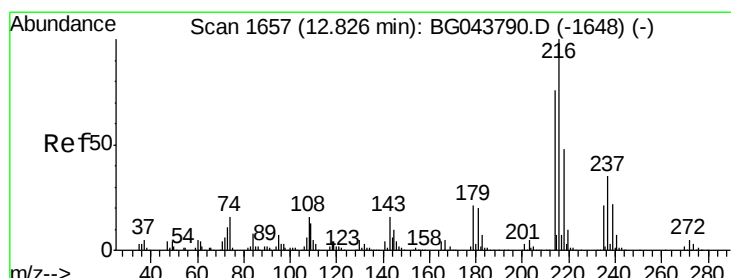
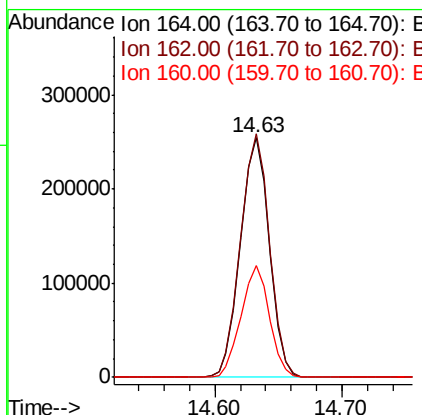
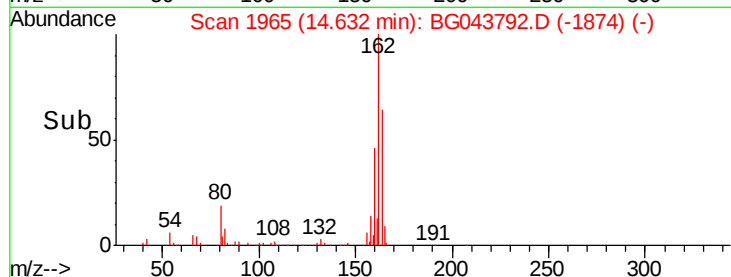
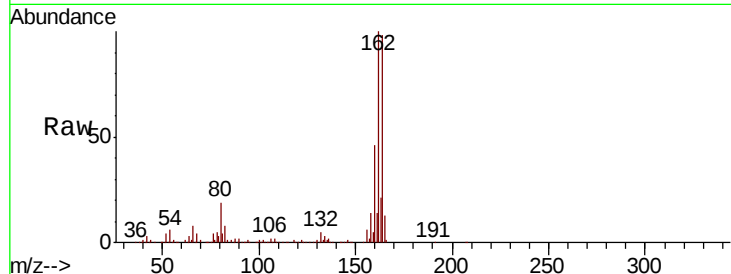
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.9	122.9
160	46.8	38.3	57.5

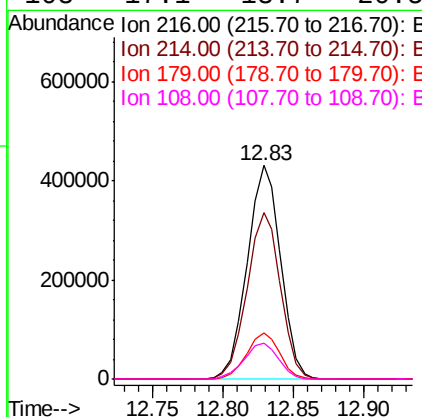
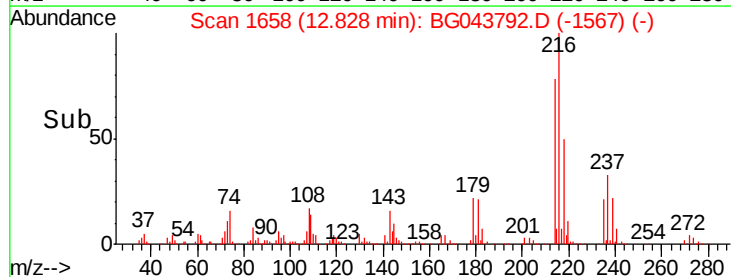
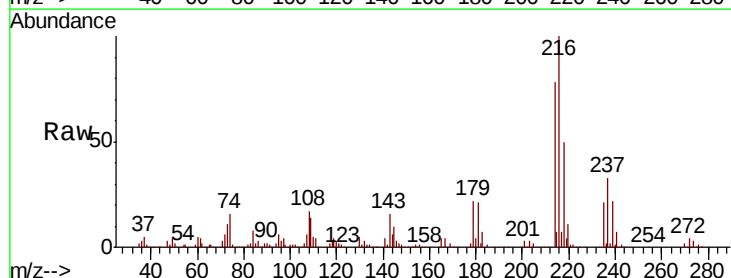
Manual Integrations
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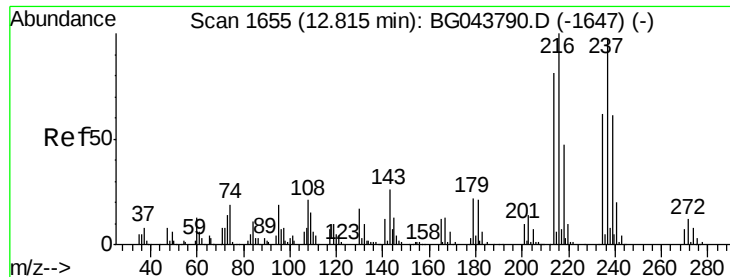
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 55.753 ng
RT: 12.83 min Scan# 1658
Delta R.T. 0.00 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.0	62.2	93.4
179	21.3	16.6	25.0
108	17.1	13.7	20.5





#41

Hexachlorocyclopentadiene

Concen: 50.802 ng

RT: 12.82 min Scan# 1656

Delta R.T. 0.00 min

Lab File: BG043792.D

Acq: 9 Dec 2019 15:26

Instrument :

BNA_G

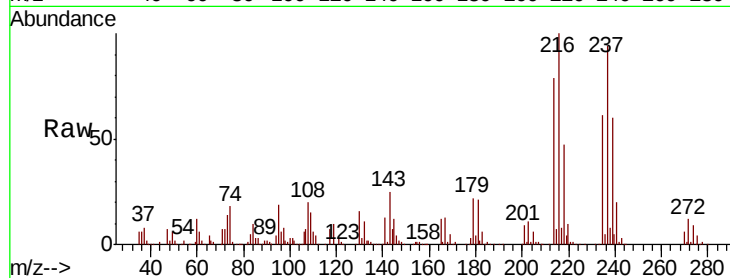
ClientSampleId :

SSTDICC060

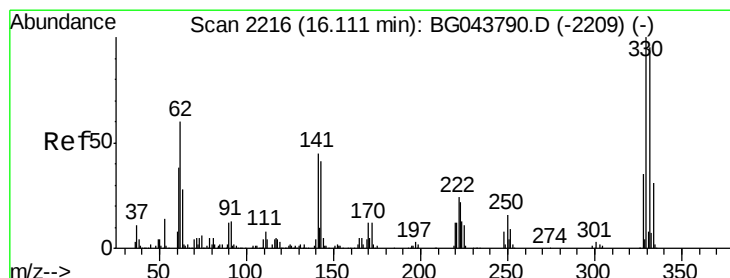
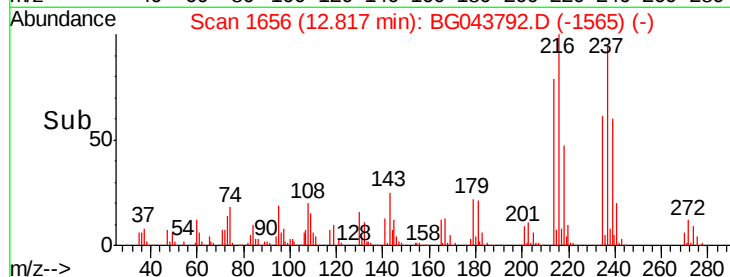
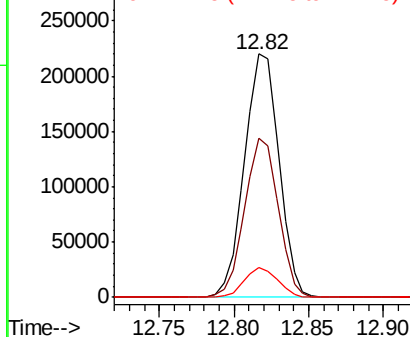
Tot Ion:	237	Resp:	351236
Ion Ratio	Lower	Upper	
237	100		
235	65.3	43.9	83.9
272	12.5	0.0	32.0

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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: 98.032 ng

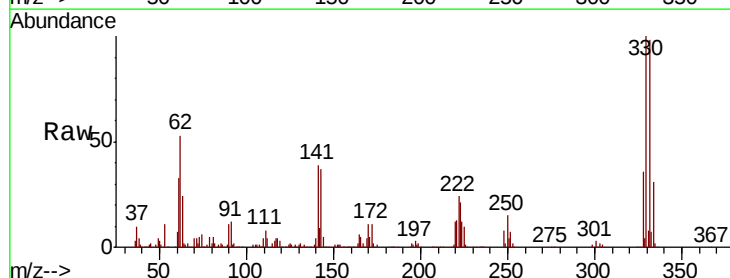
RT: 16.12 min Scan# 2218

Delta R.T. 0.01 min

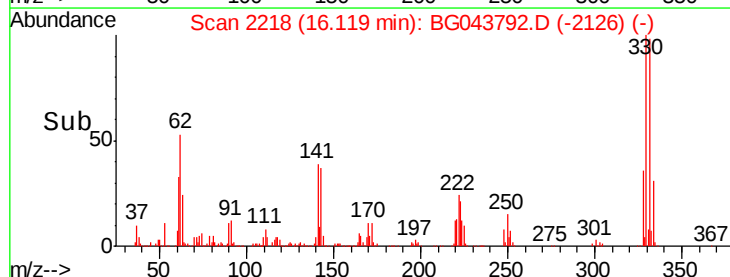
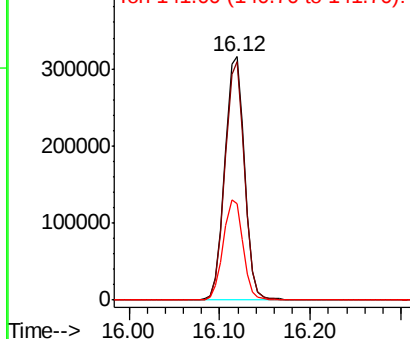
Lab File: BG043792.D

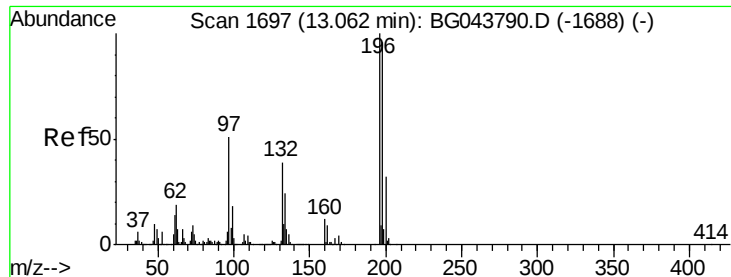
Acq: 9 Dec 2019 15:26

Tgt Ion:	330	Resp:	475522
Ion Ratio	Lower	Upper	
330	100		
332	96.2	76.9	115.3
141	41.2	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





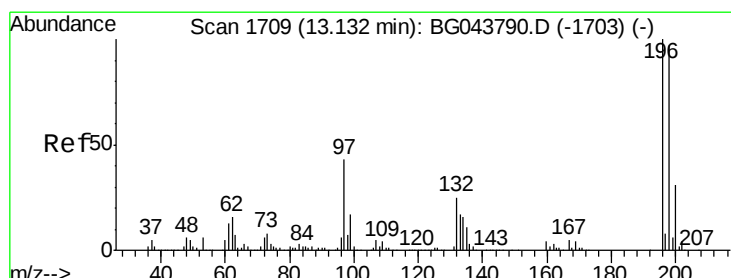
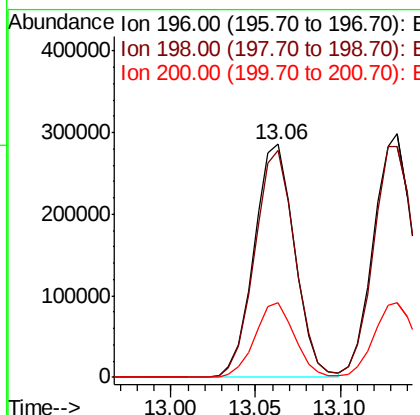
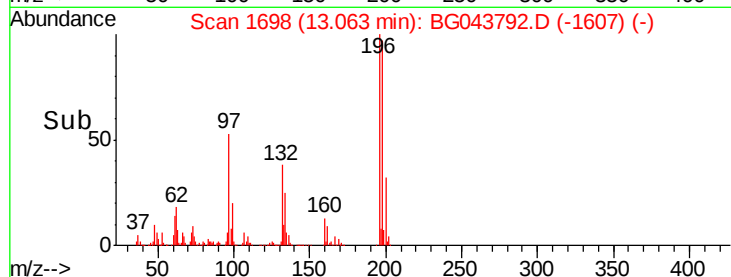
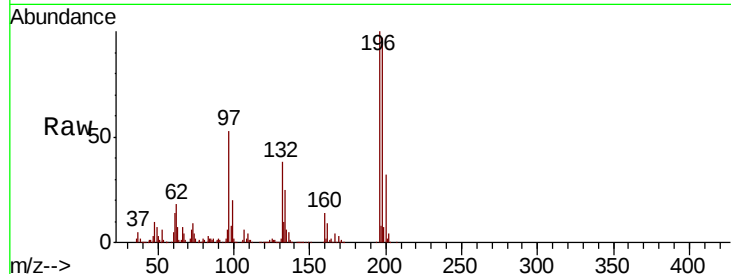
#43
 2,4,6-Trichlorophenol
 Concen: 57.654 ng
 RT: 13.06 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: BG043792.D
 Acq: 9 Dec 2019 15:26

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
196	100	474501		
198	97.2	77.0	115.6	
200	31.9	25.7	38.5	

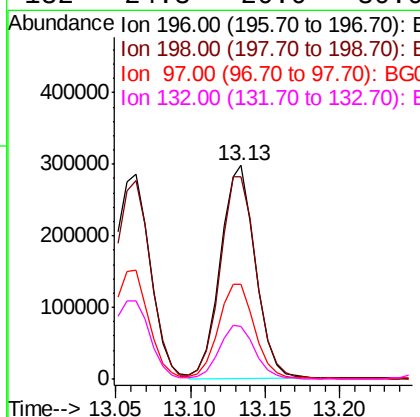
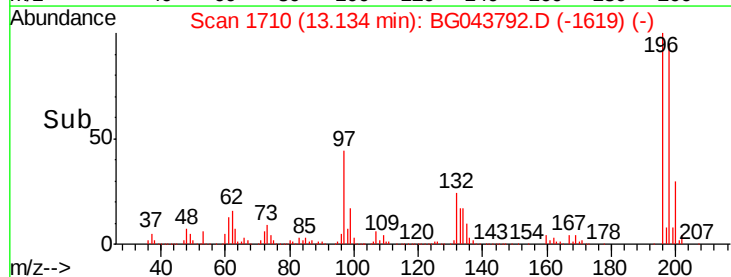
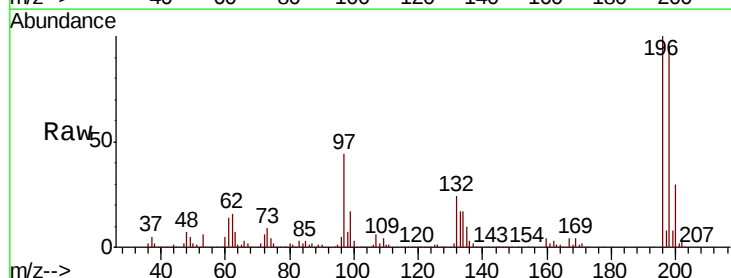
Manual Integrations
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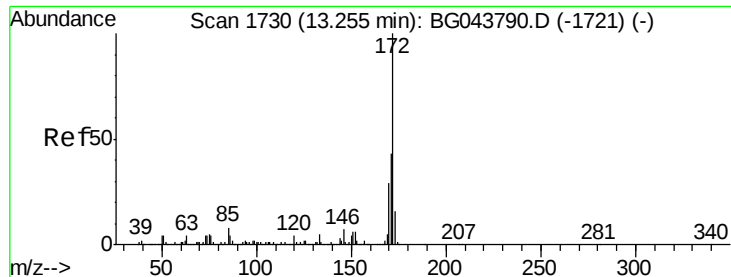
mohammad
 12/10/2019 11:51:03 AM



#44
 2,4,5-Trichlorophenol
 Concen: 57.022 ng
 RT: 13.13 min Scan# 1710
 Delta R.T. 0.00 min
 Lab File: BG043792.D
 Acq: 9 Dec 2019 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	488226		
198	94.9	77.4	116.0	
97	44.3	34.7	52.1	
132	24.3	20.0	30.0	





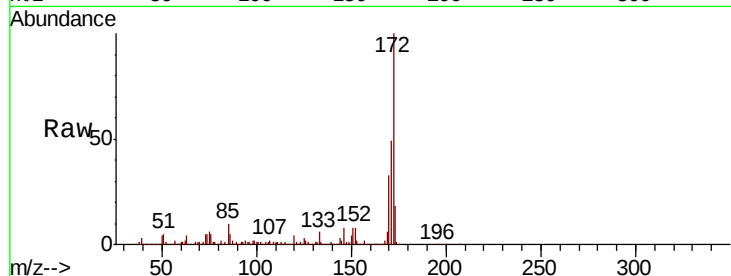
#45
2-Fluorobiphenyl
Concen: 104.192 ng
RT: 13.26 min Scan# 1731
Delta R.T. 0.00 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

Instrument :
BNA_G
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
172	100		
171	48.8	34.6	51.8
170	33.4	23.3	34.9

Manual Integrations
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12/10/2019 11:51:03 AM

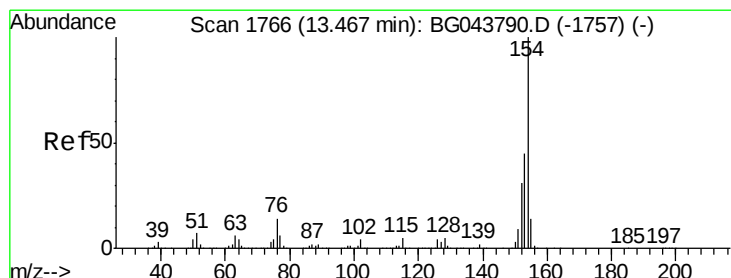
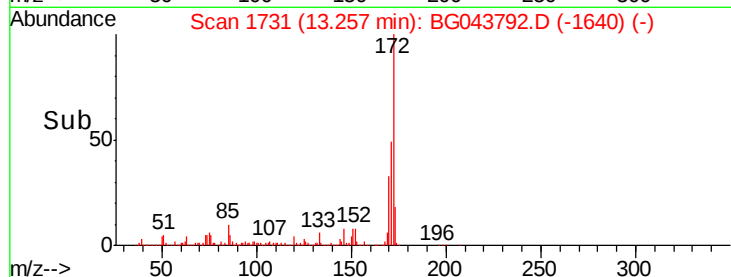
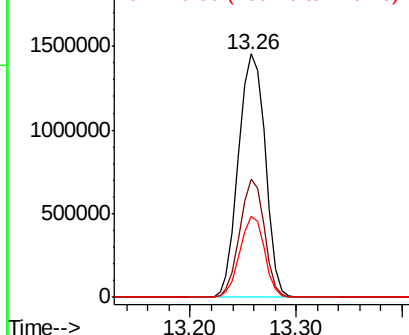


Abundance

Ion 172.00 (171.70 to 172.70): E

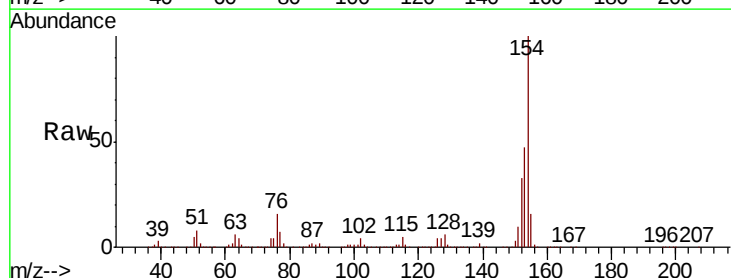
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 57.349 ng
RT: 13.47 min Scan# 1767
Delta R.T. 0.00 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

Tgt Ion	Ratio	Lower	Upper
154	100		
153	47.5	24.5	64.5
76	15.7	0.0	33.9

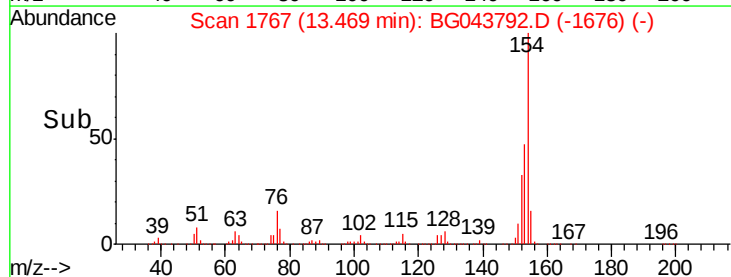
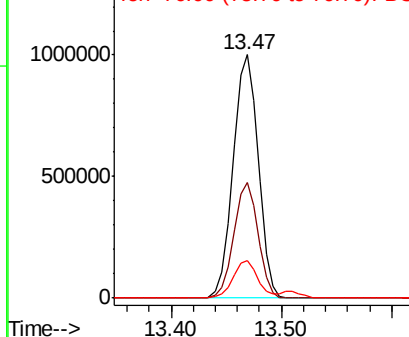


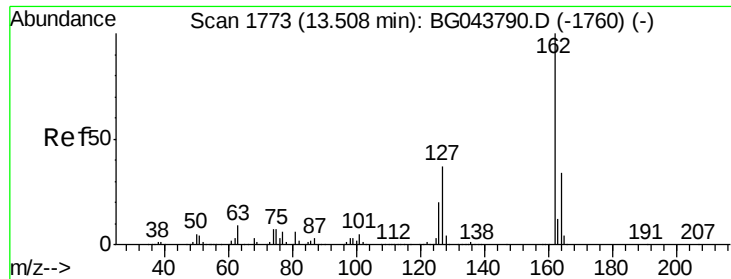
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





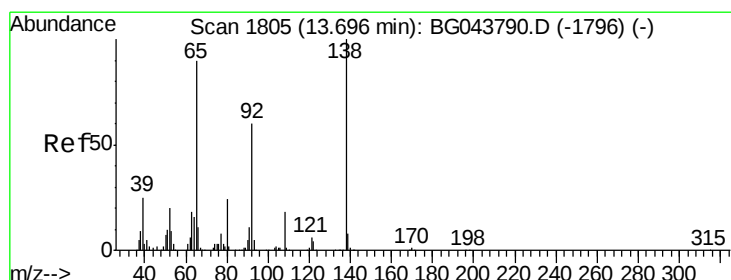
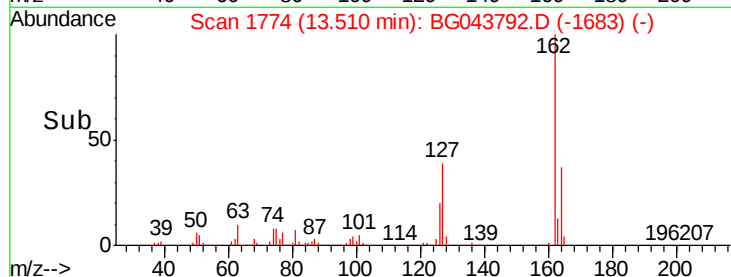
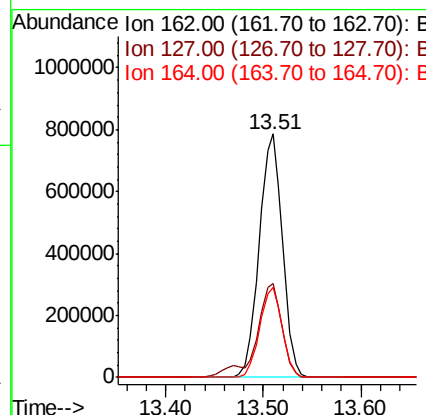
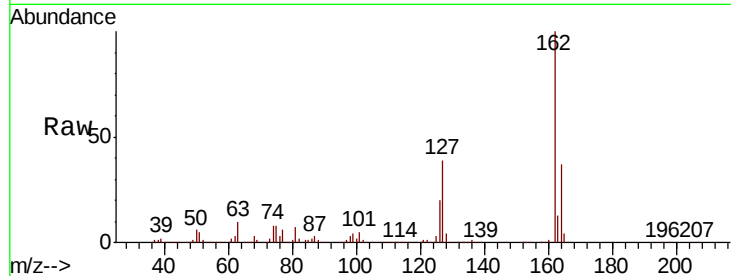
#47
2-Chloronaphthalene
Concen: 57.862 ng
RT: 13.51 min Scan# 1774
Delta R.T. 0.00 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

Instrument :
BNA_G
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.5	30.0	45.0
164	36.9	27.6	41.4

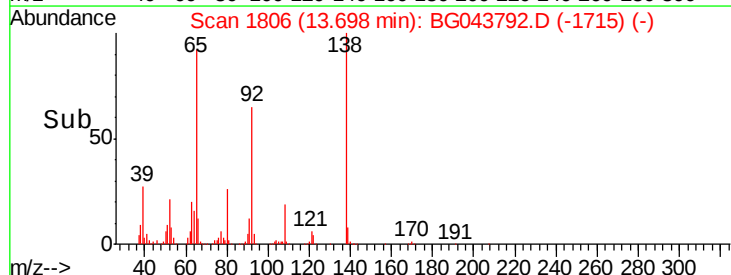
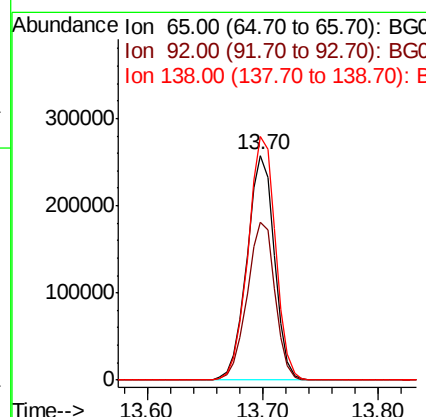
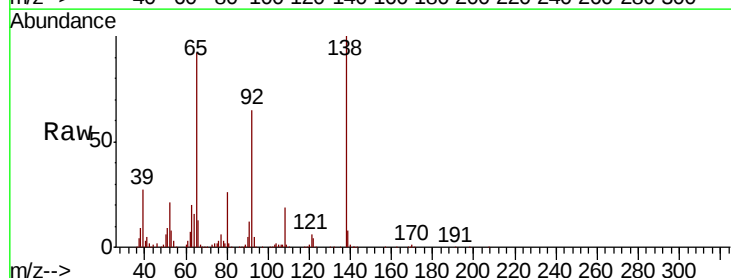
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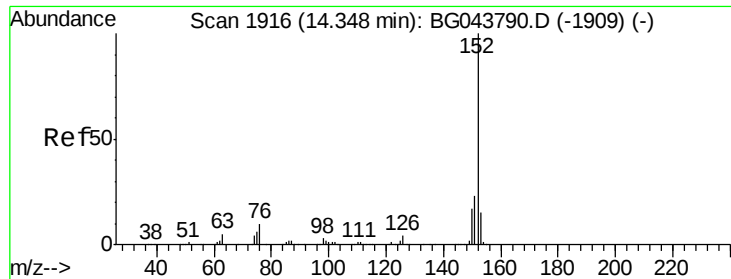
mohammad
12/10/2019 11:51:03 AM



#48
2-Nitroaniline
Concen: 63.582 ng
RT: 13.70 min Scan# 1806
Delta R.T. 0.00 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.6	53.7	80.5
138	108.5	88.8	133.2





#49

Acenaphthylene

Concen: 53.917 ng

RT: 14.36 min Scan# 1918

Delta R.T. 0.01 min

Lab File: BG043792.D

Acq: 9 Dec 2019 15:26

Instrument :

BNA_G

ClientSampleId :

SSTDIC060

Tot Ion:152 Resp: 1928410

Ion Ratio Lower Upper

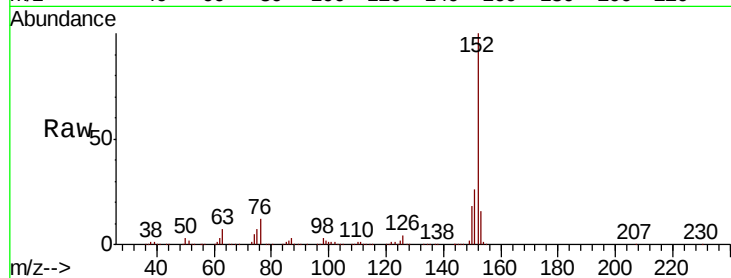
152 100

151 25.7 18.5 27.7

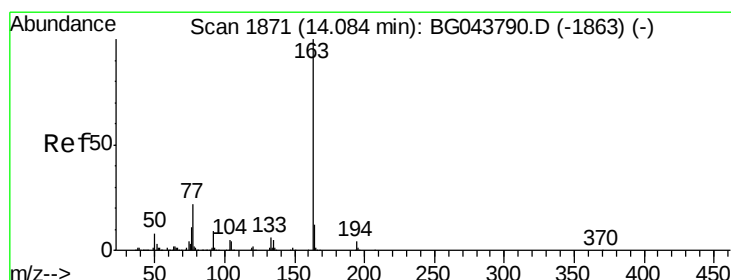
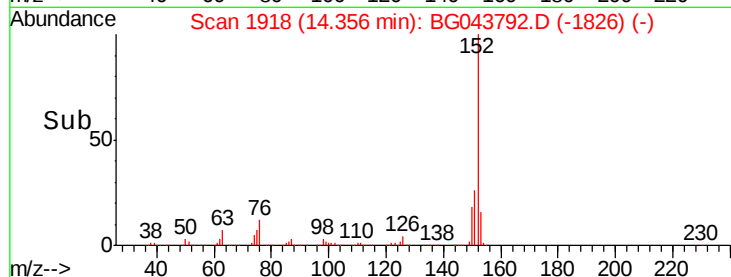
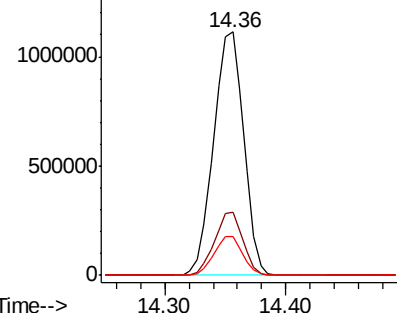
153 16.1 11.8 17.8

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Abundance Ion 152.00 (151.70 to 152.70): E
1500000
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 51.898 ng

RT: 14.09 min Scan# 1873

Delta R.T. 0.01 min

Lab File: BG043792.D

Acq: 9 Dec 2019 15:26

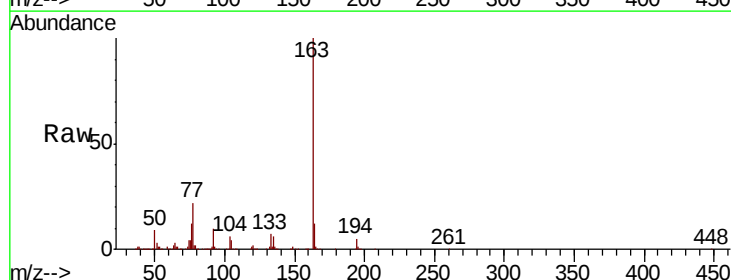
Tgt Ion:163 Resp: 1653353

Ion Ratio Lower Upper

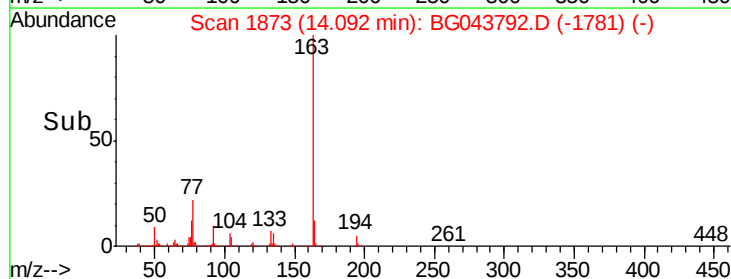
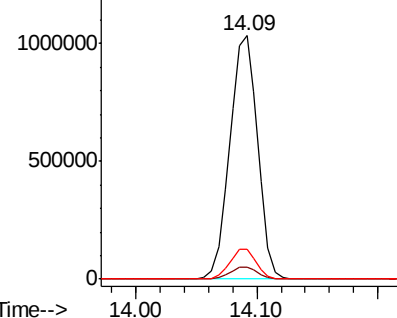
163 100

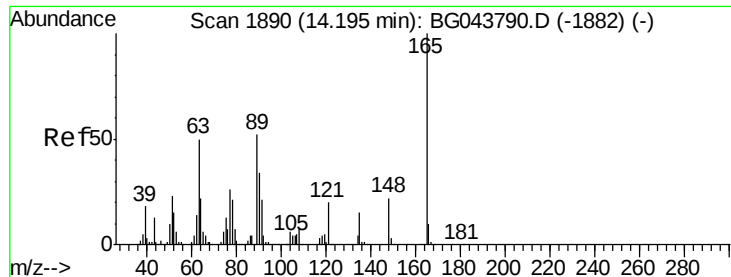
194 4.9 3.6 5.4

164 12.5 9.4 14.0



Abundance Ion 163.00 (162.70 to 163.70): E
1000000
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





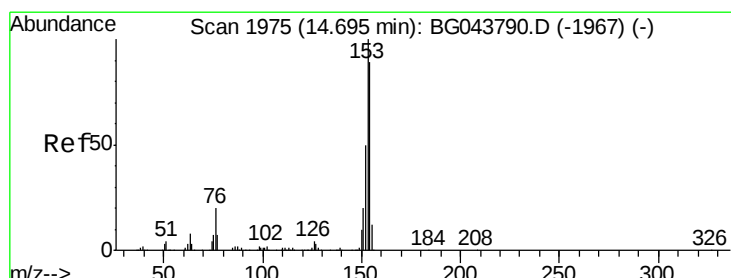
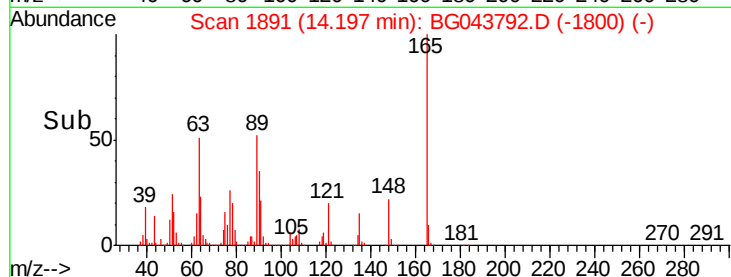
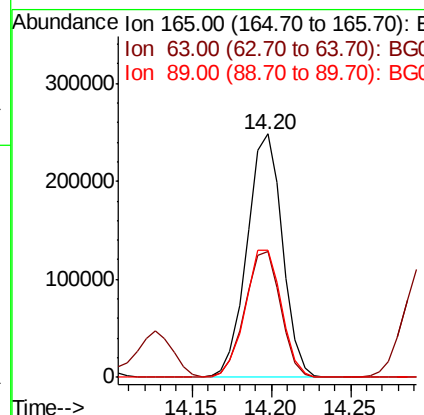
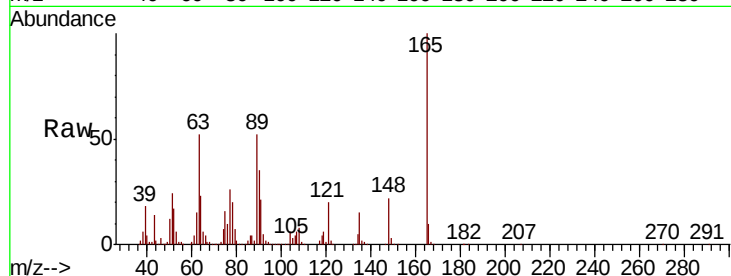
#51
2,6-Dinitrotoluene
Concen: 64.905 ng
RT: 14.20 min Scan# 1891
Delta R.T. 0.00 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
165	100		
63	51.7	40.3	60.5
89	52.4	41.8	62.8

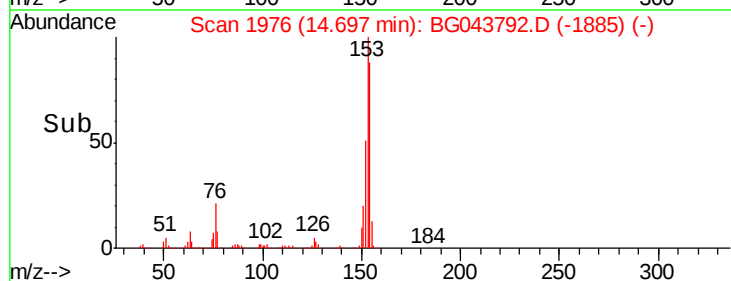
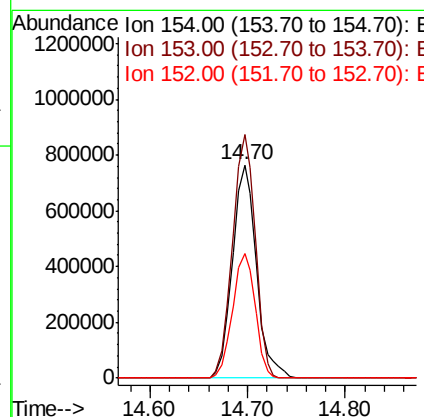
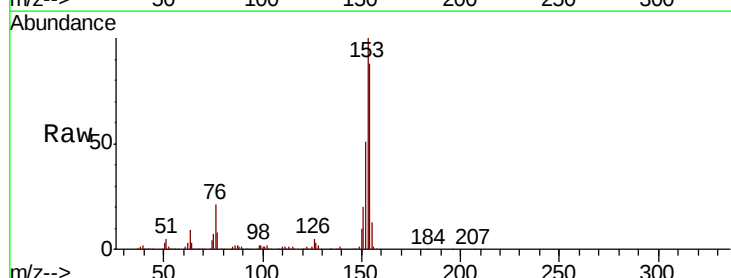
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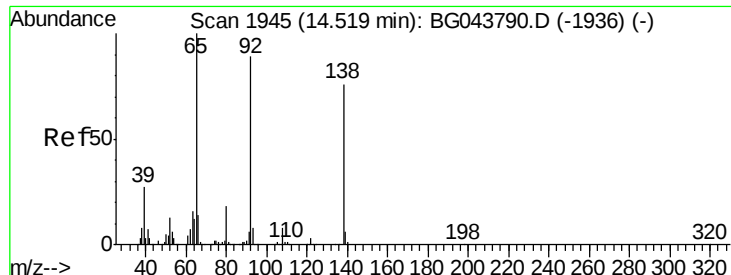
mohammad
12/10/2019 11:51:03 AM



#52
Acenaphthene
Concen: 56.812 ng
RT: 14.70 min Scan# 1976
Delta R.T. 0.00 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.2	89.5	134.3
152	58.5	45.0	67.4





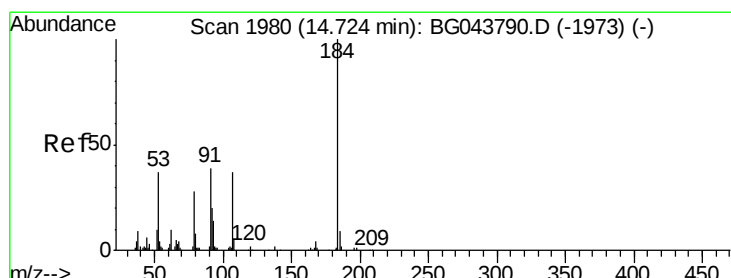
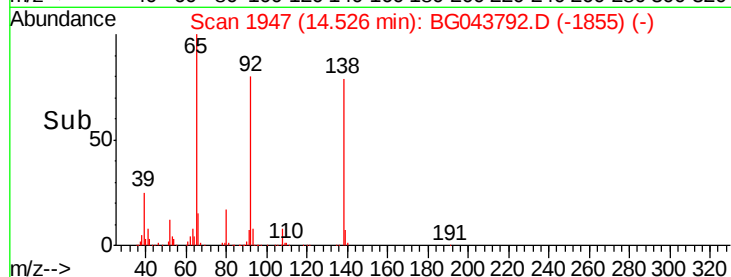
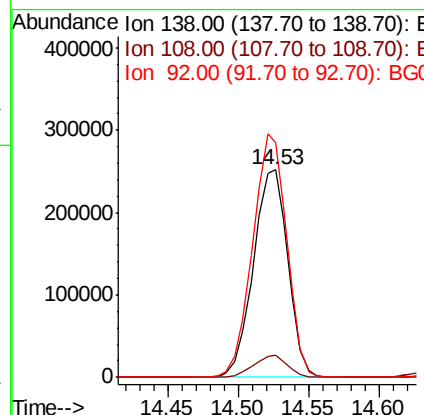
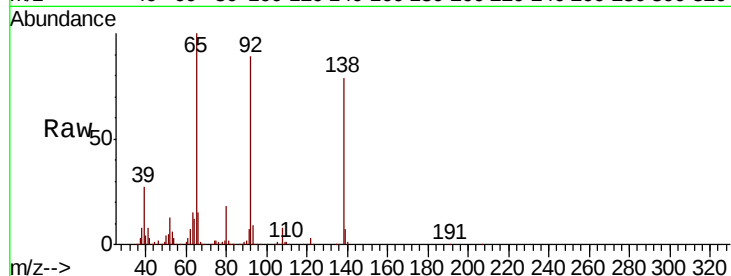
#53
3-Nitroaniline
Concen: 62.540 ng
RT: 14.53 min Scan# 1947
Delta R.T. 0.01 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	8.1	12.1
92	113.3	94.6	141.8

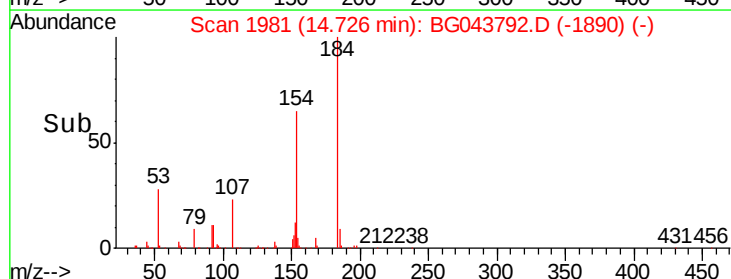
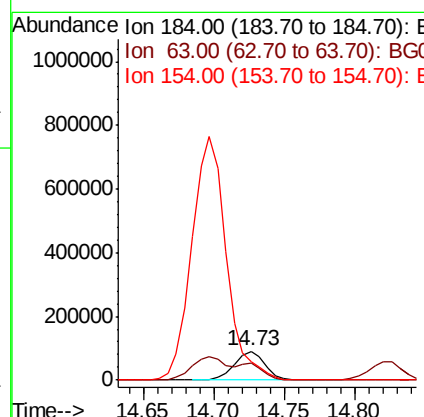
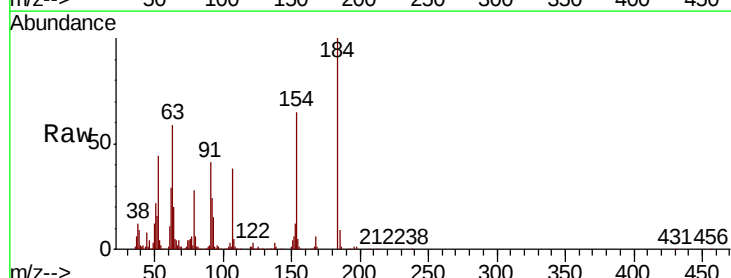
Manual Integrations
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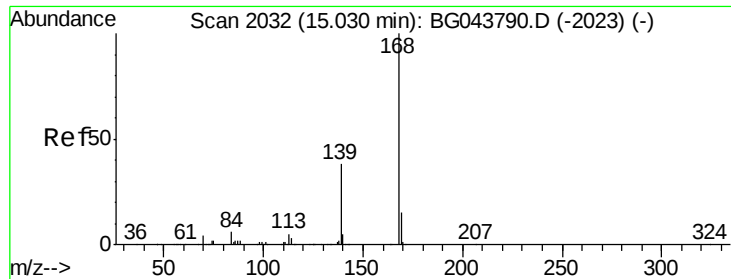
mohammad
12/10/2019 11:51:03 AM



#54
2,4-Dinitrophenol
Concen: 57.039 ng
RT: 14.73 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.6	43.4	65.0
154	65.0	54.8	82.2





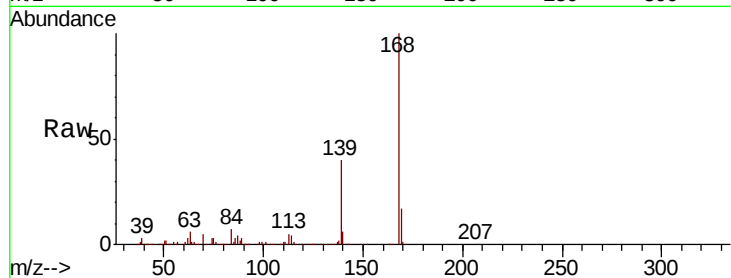
#55
Dibenzofuran
Concen: 52.408 ng
RT: 15.03 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

Instrument :
BNA_G
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.2	30.4	45.6
169	16.6	12.0	18.0

Manual Integrations
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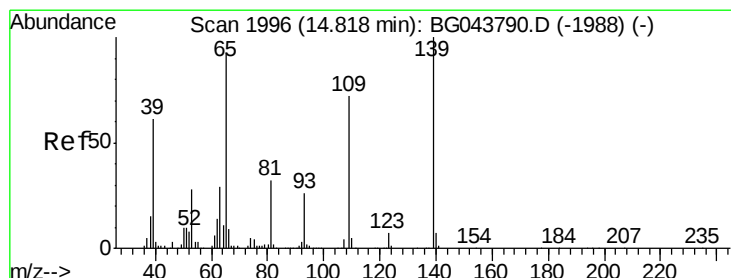
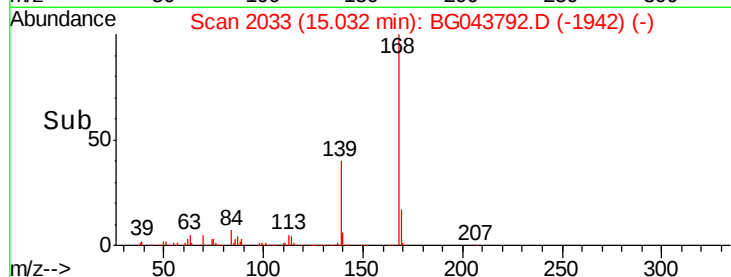
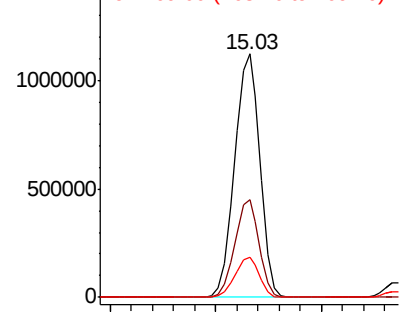


Abundance

Ion 168.00 (167.70 to 168.70): E

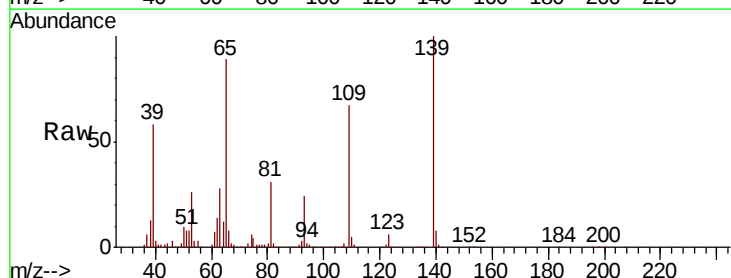
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 57.076 ng
RT: 14.83 min Scan# 1998
Delta R.T. 0.01 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.2	51.5	91.5
65	88.7	73.7	113.7

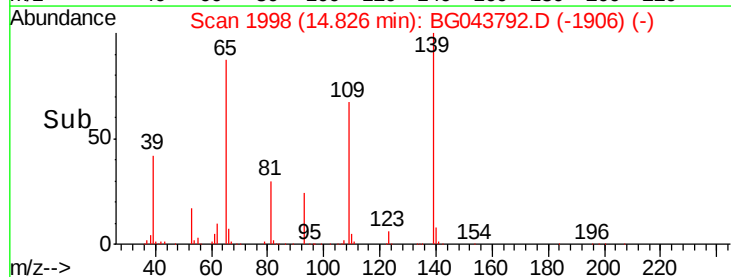
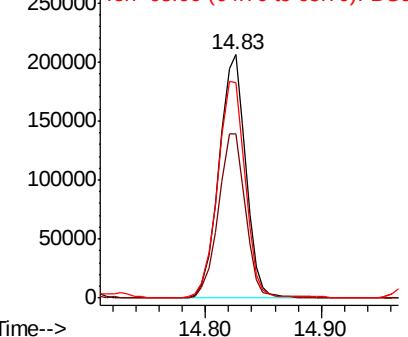


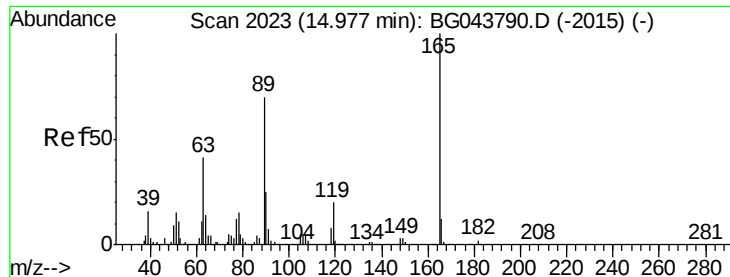
Abundance

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): BGO





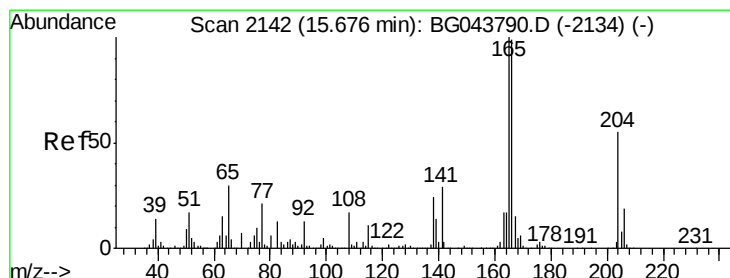
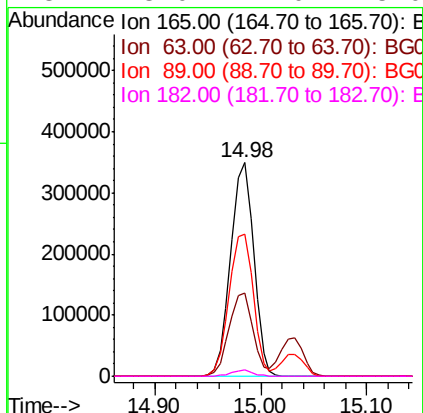
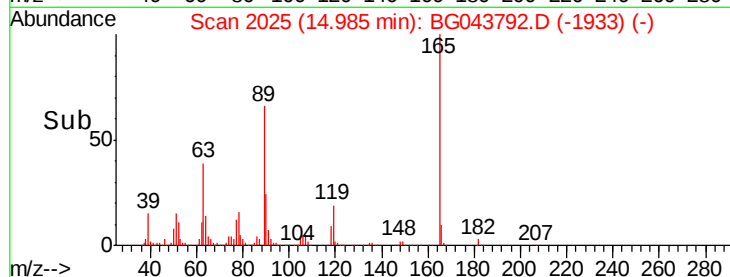
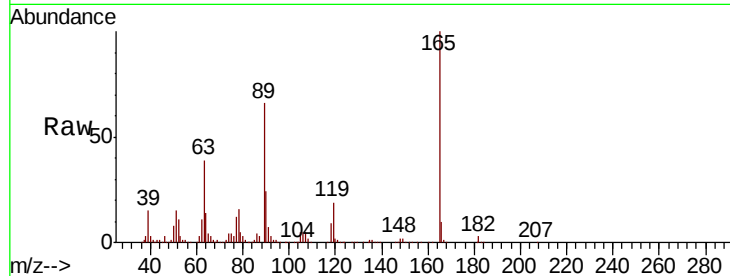
#57
2,4-Dinitrotoluene
Concen: 64.449 ng
RT: 14.98 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

Instrument :
BNA_G
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
165	100		
63	39.1	32.7	49.1
89	66.4	56.1	84.1
182	3.0	2.0	3.0

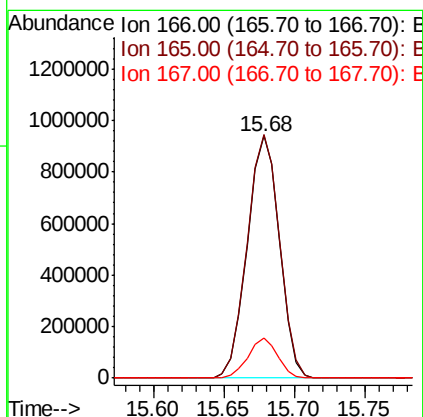
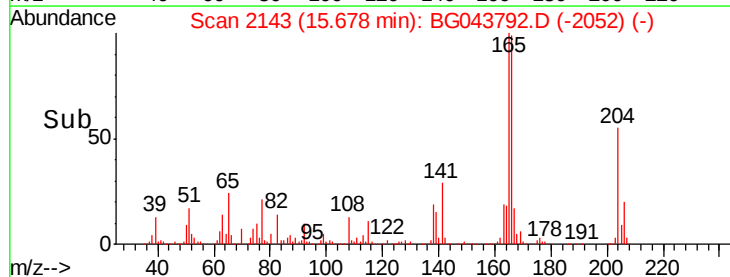
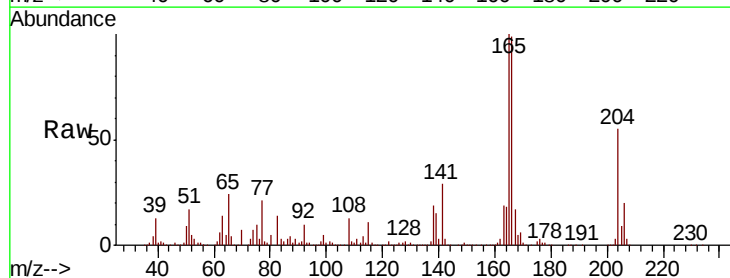
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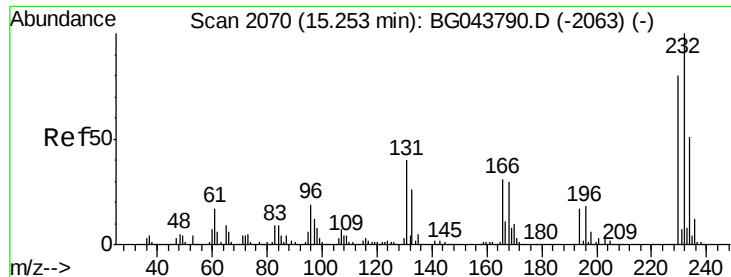
mohammad
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#58
Fluorene
Concen: 51.481 ng
RT: 15.68 min Scan# 2143
Delta R.T. 0.00 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.6	80.5	120.7
167	16.7	12.1	18.1





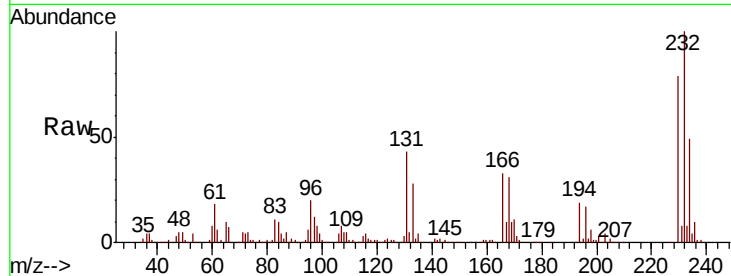
#59
2,3,4,6-Tetrachlorophenol
Concen: 51.391 ng m
RT: 15.25 min Scan# 2070
Delta R.T. -0.00 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
232	100	441942		
131	36.6		27.9	41.9
130	2.4		1.8	2.8
166	24.9		19.4	29.2

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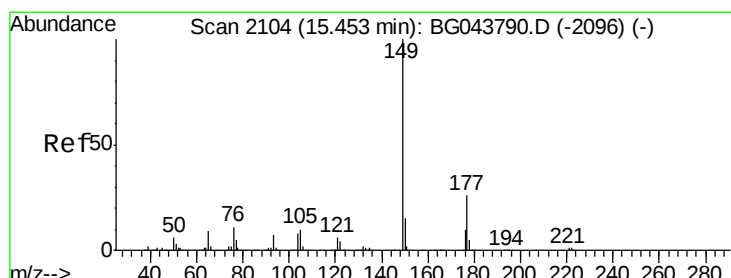
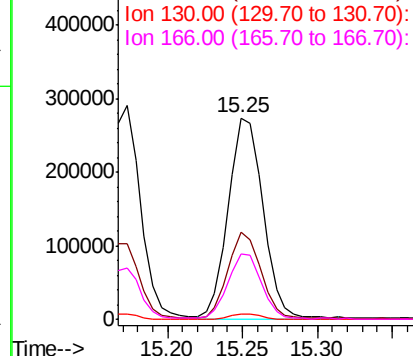
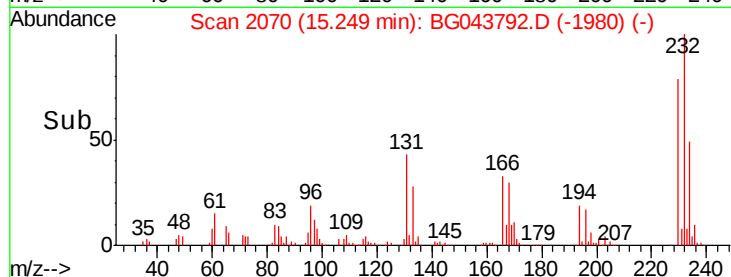
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

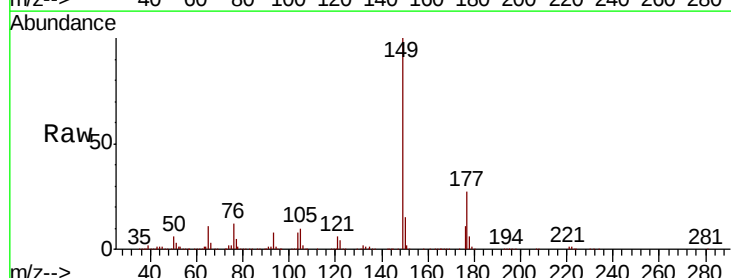
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 49.171 ng
RT: 15.45 min Scan# 2105
Delta R.T. 0.00 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1644747		
177	27.2		20.4	30.6
150	15.5		11.6	17.4

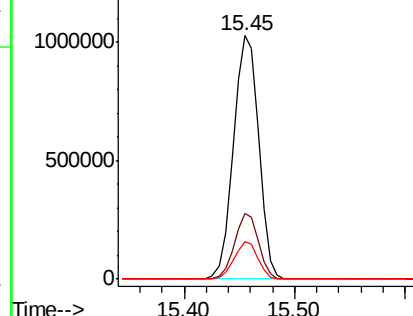
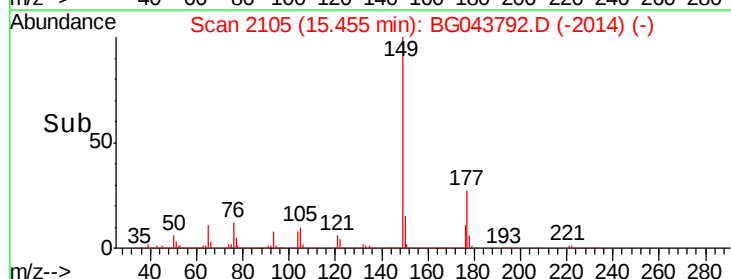


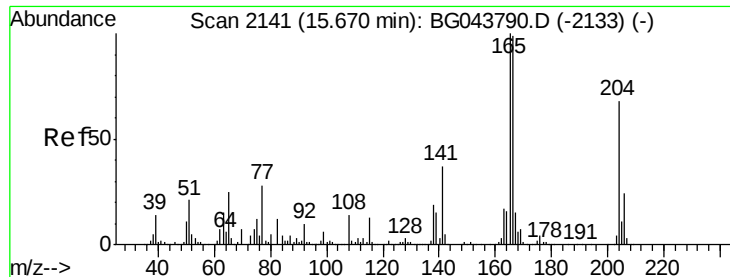
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





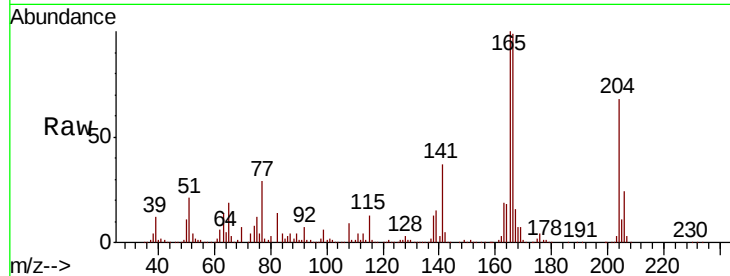
#61
4-Chlorophenyl-phenylether
Concen: 53.399 ng
RT: 15.67 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

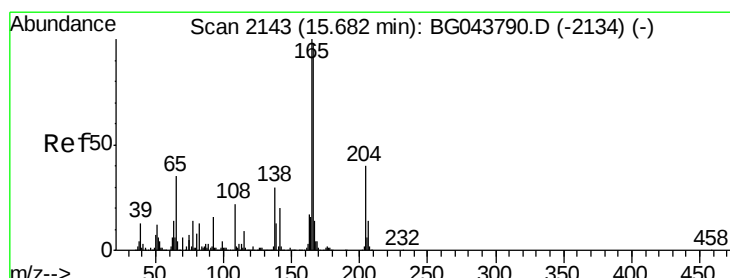
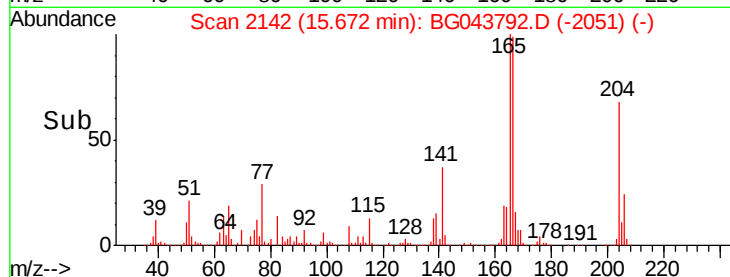
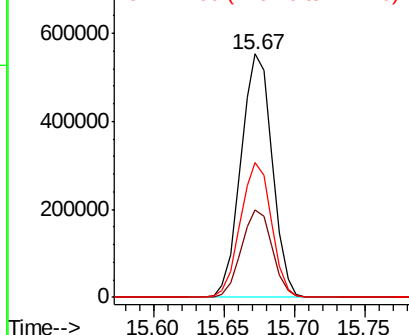
Tot Ion	Ratio	Resp	Lower	Upper
204	100	859128		
206	35.9		28.1	42.1
141	55.4		44.1	66.1

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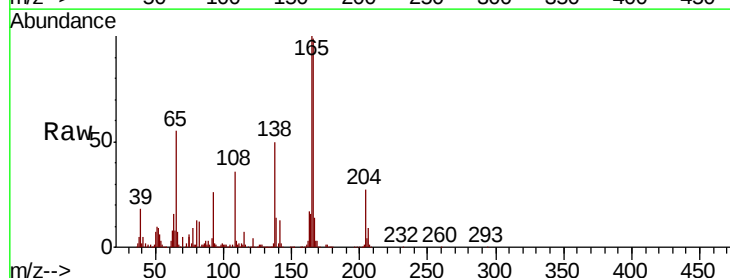


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

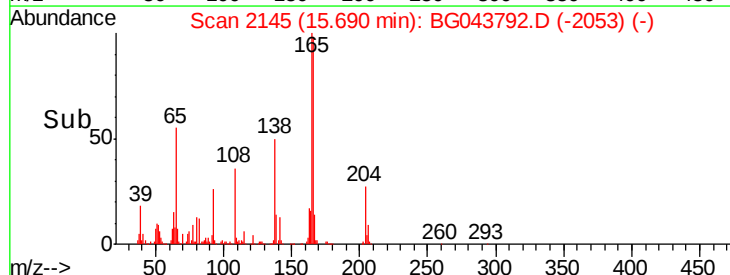
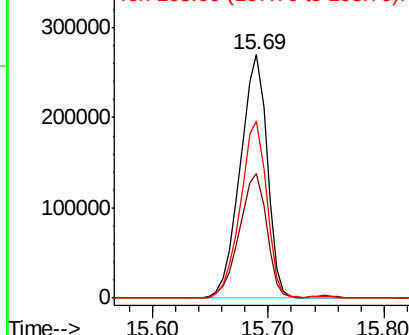


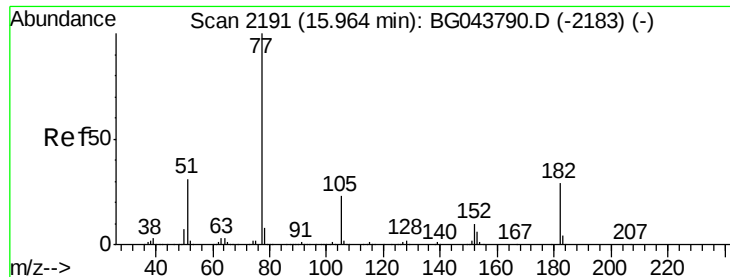
#62
4-Nitroaniline
Concen: 55.208 ng
RT: 15.69 min Scan# 2145
Delta R.T. 0.01 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	437461		
92	51.4		31.5	71.5
108	72.8		53.1	93.1



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 50.202 ng

RT: 15.97 min Scan# 2192

Delta R.T. 0.00 min

Lab File: BG043792.D

Acq: 9 Dec 2019 15:26

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tot Ion: 77 Resp: 1505311

Ion Ratio Lower Upper

77 100

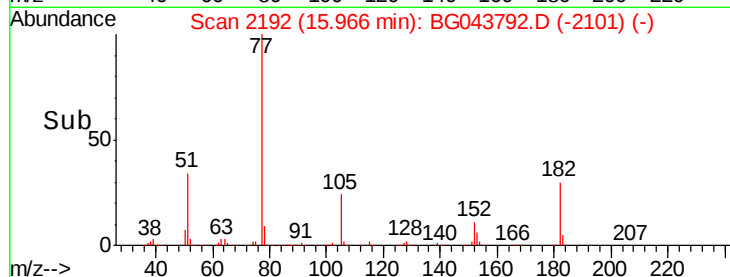
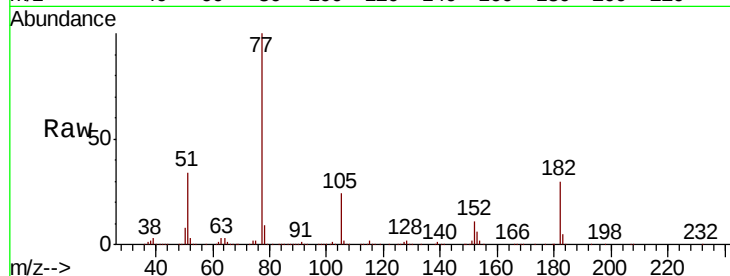
182 30.1 9.0 49.0

105 24.5 2.9 42.9

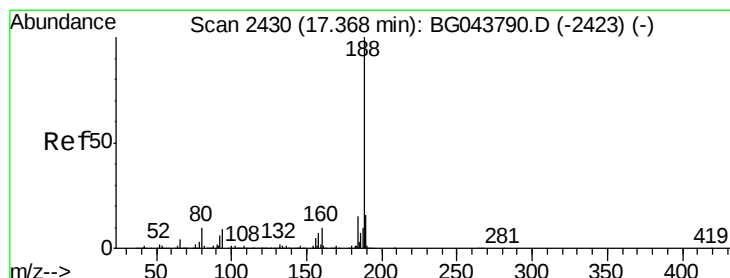
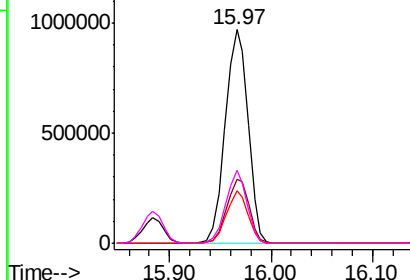
51 34.0 10.6 50.6

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Abundance Ion 77.00 (76.70 to 77.70): BGC
1500000 Ion 182.00 (181.70 to 182.70): BGC
1000000 Ion 105.00 (104.70 to 105.70): BGC
500000 Ion 51.00 (50.70 to 51.70): BGC
0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.37 min Scan# 2431

Delta R.T. 0.00 min

Lab File: BG043792.D

Acq: 9 Dec 2019 15:26

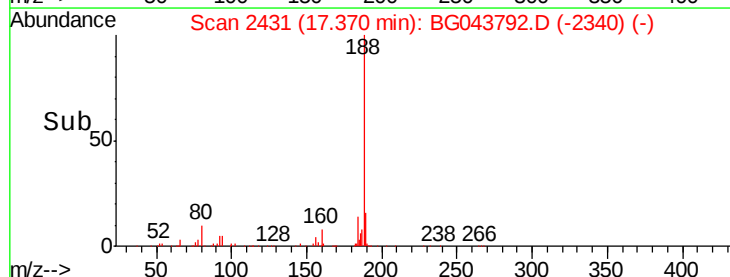
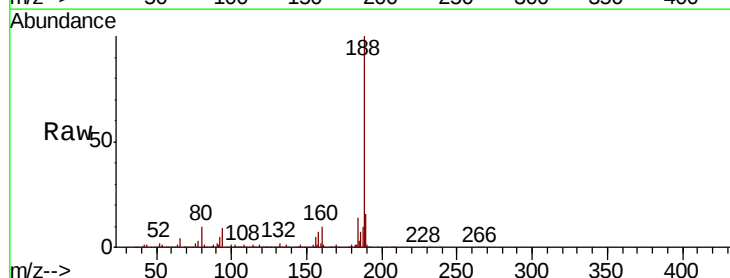
Tgt Ion: 188 Resp: 858689

Ion Ratio Lower Upper

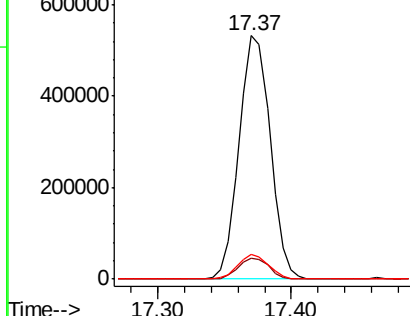
188 100

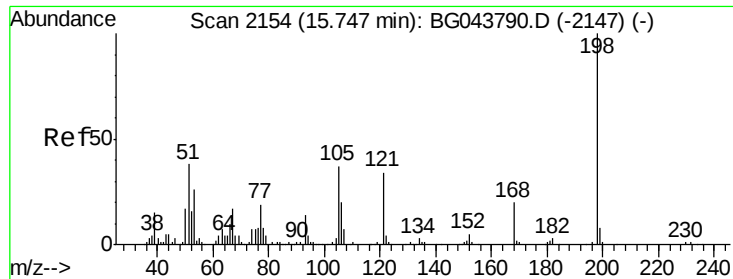
94 8.8 6.9 10.3

80 10.1 7.8 11.8



Abundance Ion 188.00 (187.70 to 188.70): BGC
600000 Ion 94.00 (93.70 to 94.70): BGC
400000 Ion 80.00 (79.70 to 80.70): BGC
200000
0





#65

4,6-Dinitro-2-methylphenol

Concen: 70.538 ng

RT: 15.75 min Scan# 2155

Delta R.T. 0.00 min

Lab File: BG043792.D

Acq: 9 Dec 2019 15:26

Instrument :

BNA_G

ClientSampleId :

SSTDIC060

Tot Ion:198 Resp: 205535

Ion Ratio Lower Upper

198 100

51 39.8 18.9 58.9

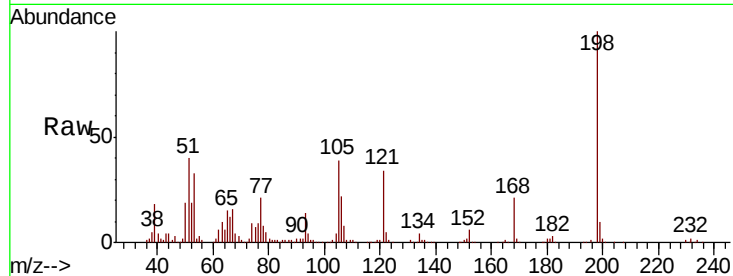
105 39.1 18.1 58.1

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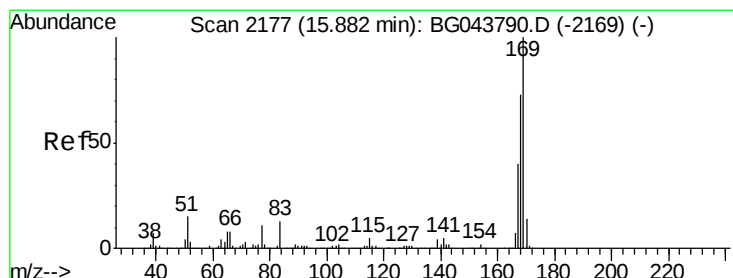
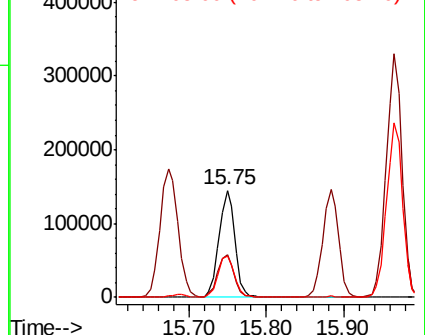
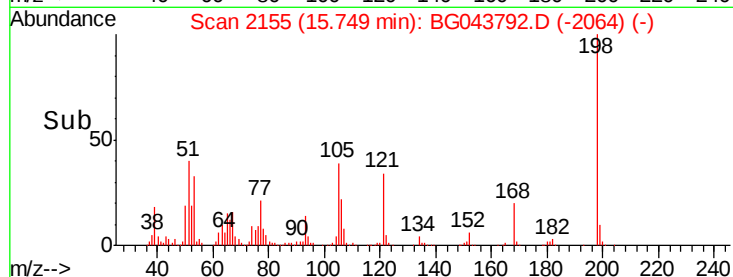
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 61.622 ng

RT: 15.88 min Scan# 2178

Delta R.T. 0.00 min

Lab File: BG043792.D

Acq: 9 Dec 2019 15:26

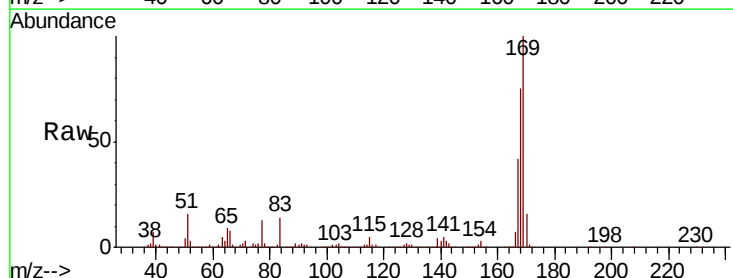
Tgt Ion:169 Resp: 1400973

Ion Ratio Lower Upper

169 100

168 75.3 58.5 87.7

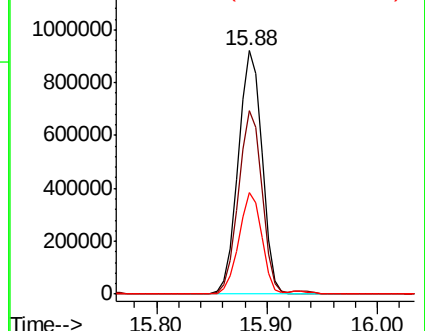
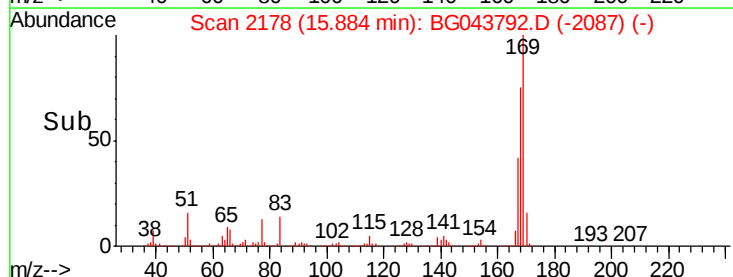
167 41.5 32.1 48.1

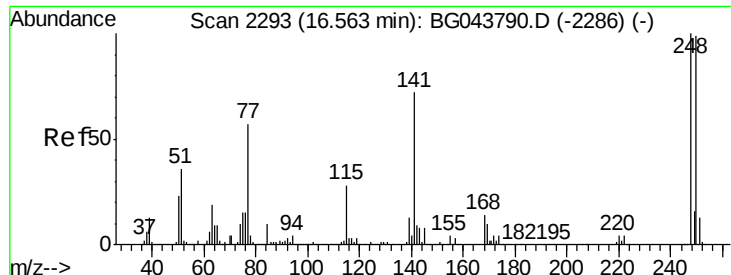


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





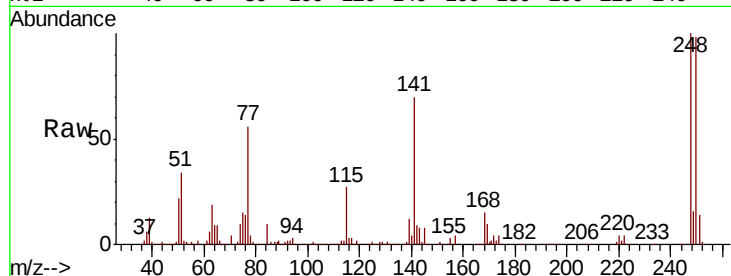
#67
4-Bromophenyl-phenylether
Concen: 60.805 ng
RT: 16.57 min Scan# 2294
Delta R.T. 0.00 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

Instrument :
BNA_G
ClientSampled :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.8	79.0	118.6
141	70.1	57.8	86.6

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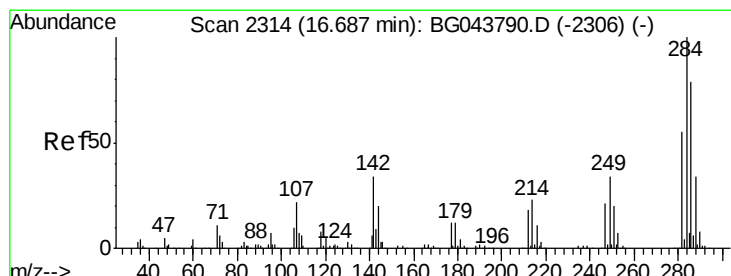
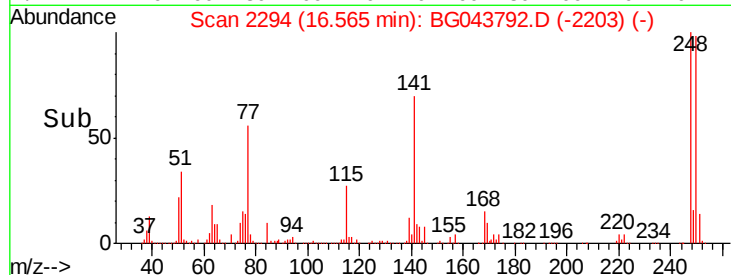
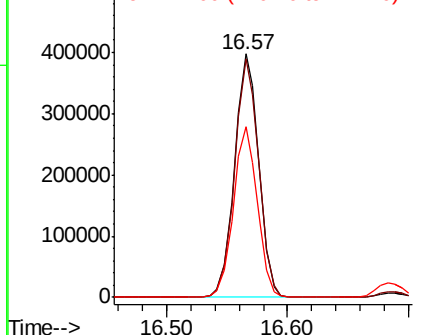


Abundance

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: 58.627 ng
RT: 16.69 min Scan# 2315
Delta R.T. 0.00 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

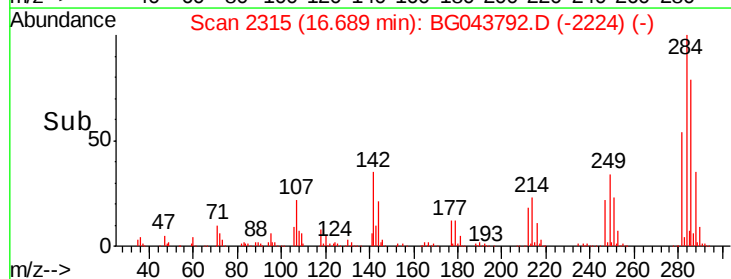
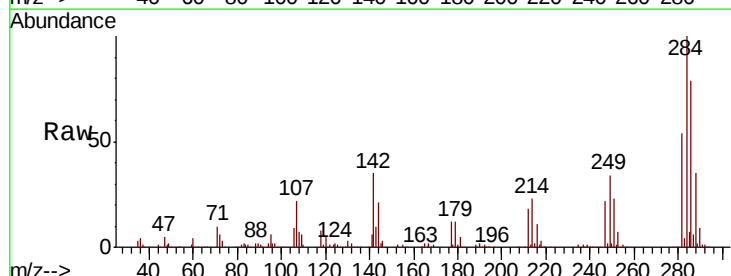
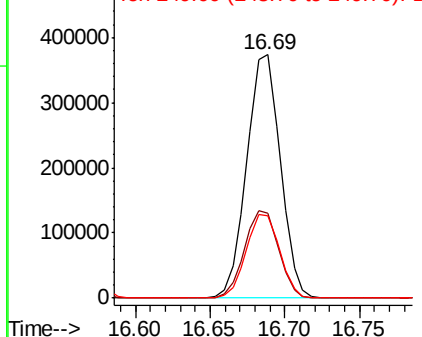
Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.0	27.0	40.6
249	34.0	27.2	40.8

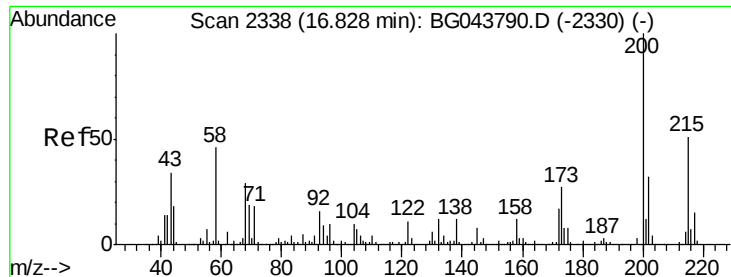
Abundance

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





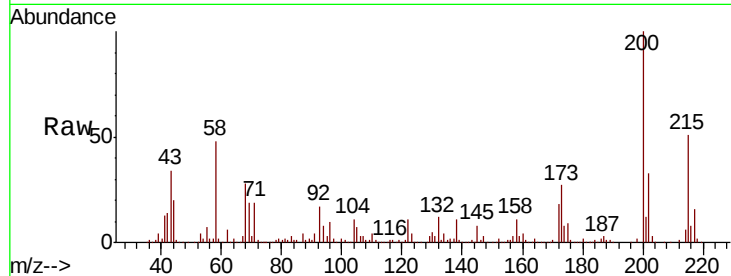
#69
Atrazine
Concen: 40.629 ng
RT: 16.83 min Scan# 2339
Delta R.T. 0.00 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

Instrument :
BNA_G
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Resp	Lower	Upper
200	100	370192		
173	27.1	7.4	47.4	
215	50.5	30.5	70.5	

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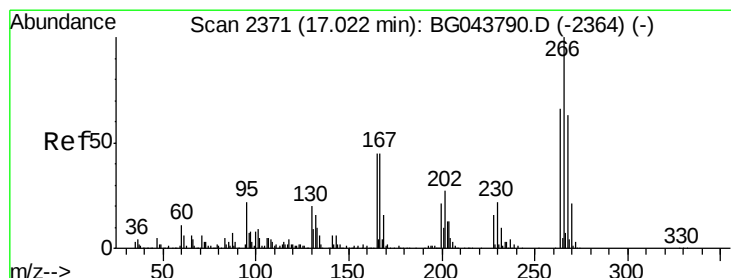
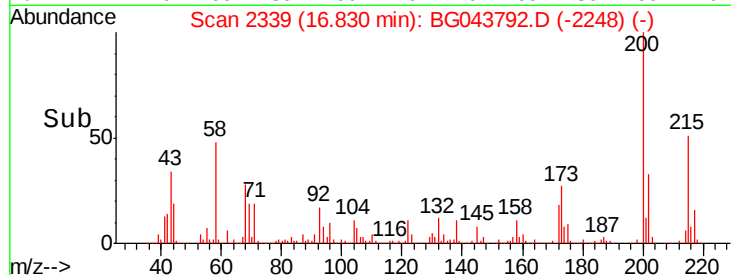
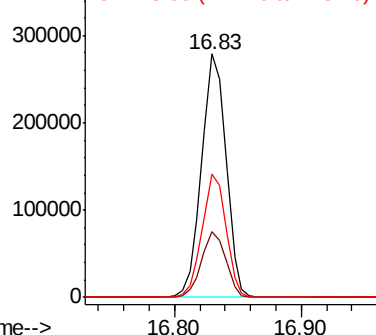


Abundance

Ion 200.00 (199.70 to 200.70): E

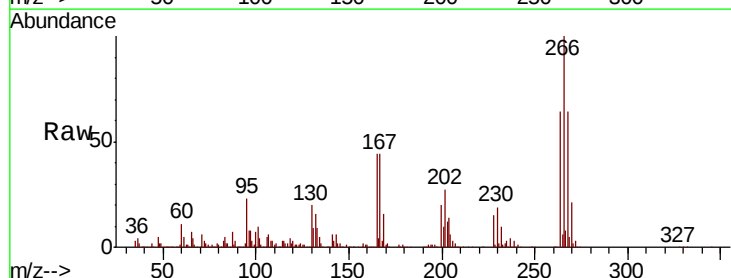
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 55.036 ng
RT: 17.02 min Scan# 2372
Delta R.T. 0.00 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	332458		
268	63.9	50.8	76.2	
264	63.6	53.0	79.4	

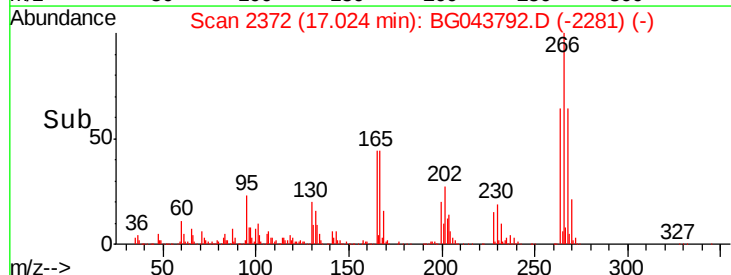
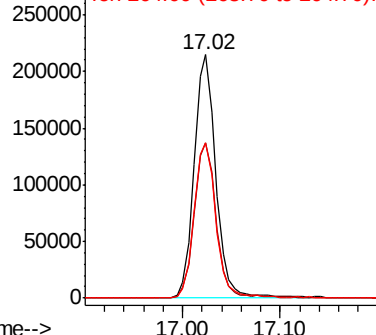


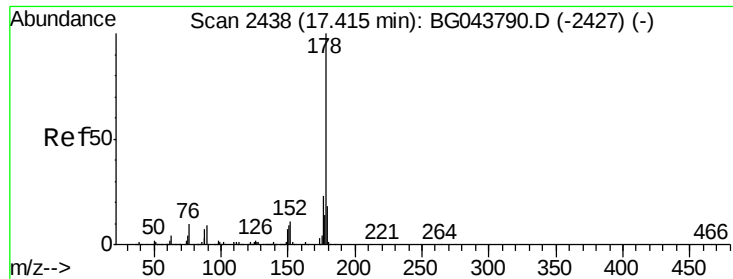
Abundance

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





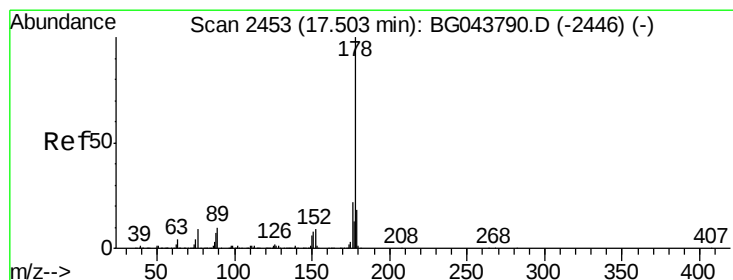
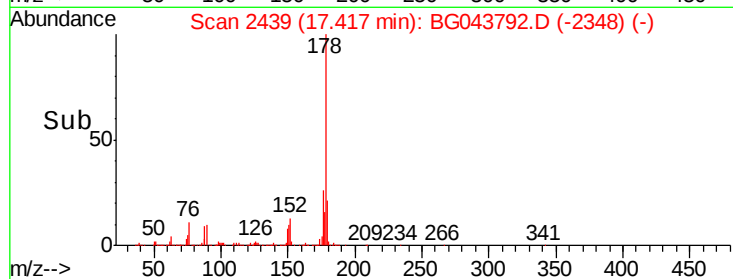
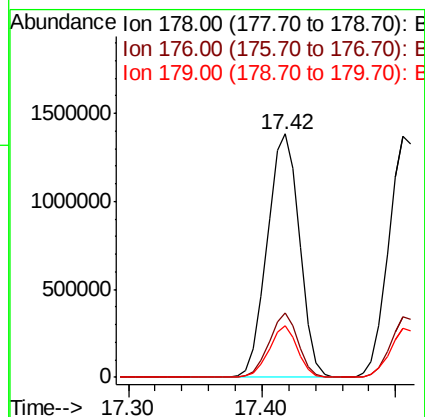
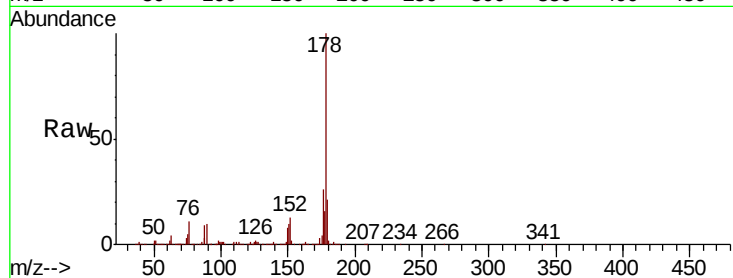
#71
Phenanthrene
Concen: 54.598 ng
RT: 17.42 min Scan# 2439
Delta R.T. 0.00 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

Instrument :
BNA_G
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
178	100		
176	26.4	18.6	27.8
179	21.3	14.7	22.1

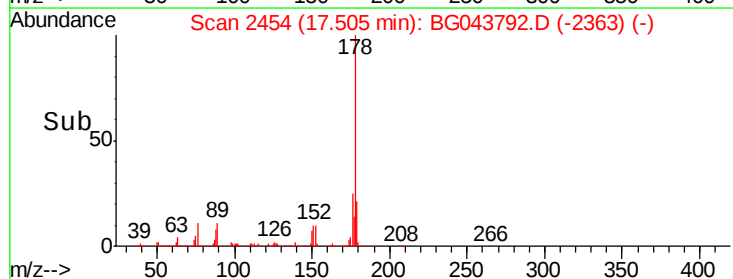
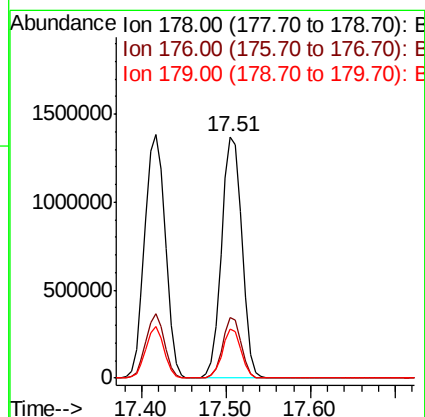
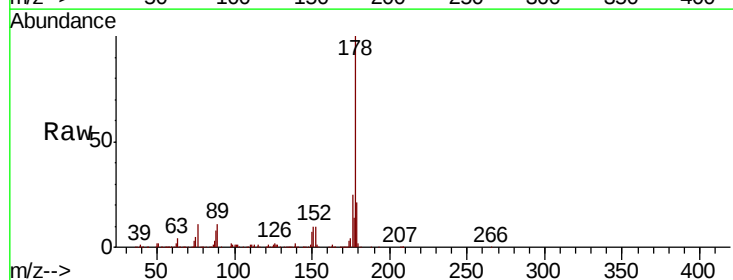
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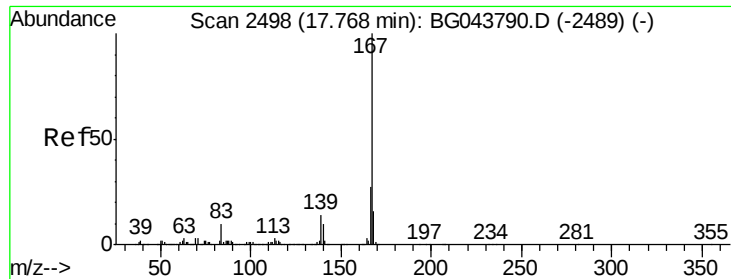
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#72
Anthracene
Concen: 53.754 ng
RT: 17.51 min Scan# 2454
Delta R.T. 0.00 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

Tgt Ion	Ratio	Lower	Upper
178	100		
176	25.2	17.7	26.5
179	20.6	14.5	21.7





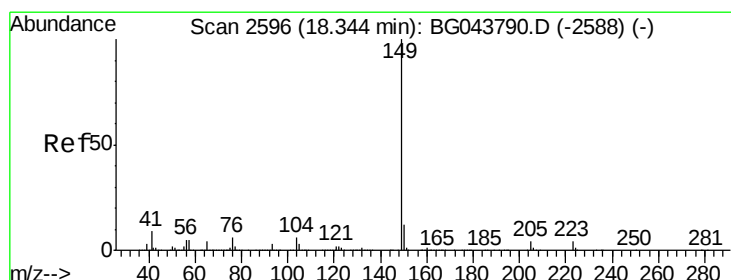
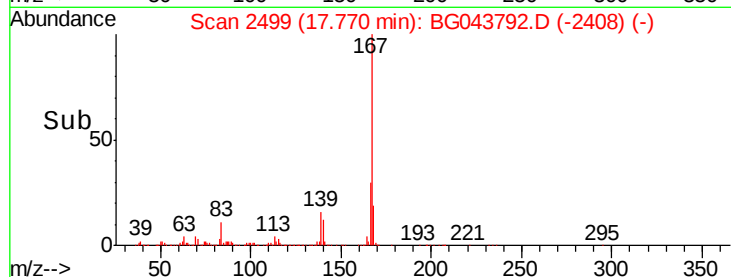
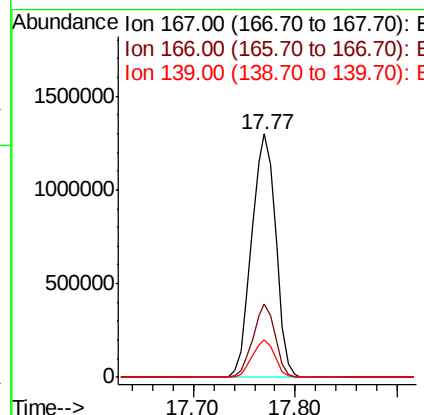
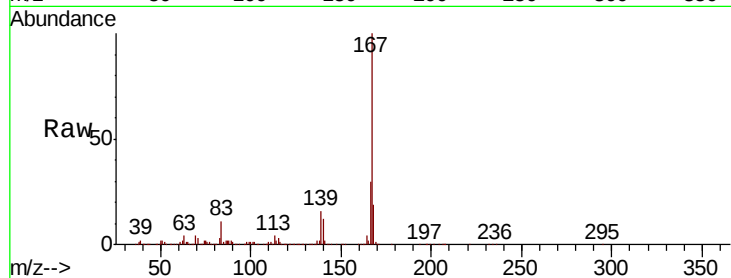
#73
 Carbazole
 Concen: 50.305 ng
 RT: 17.77 min Scan# 2499
 Delta R.T. 0.00 min
 Lab File: BG043792.D
 Acq: 9 Dec 2019 15:26

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
167	100		
166	30.2	21.4	32.2
139	15.7	11.0	16.4

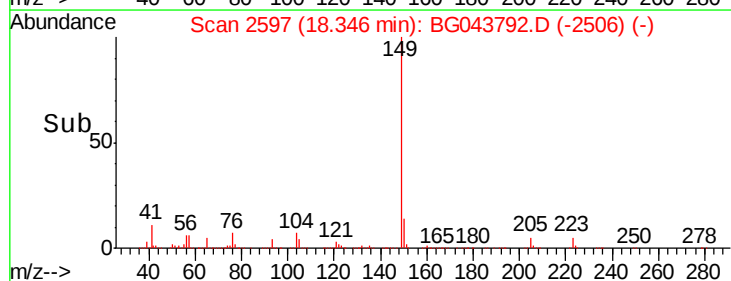
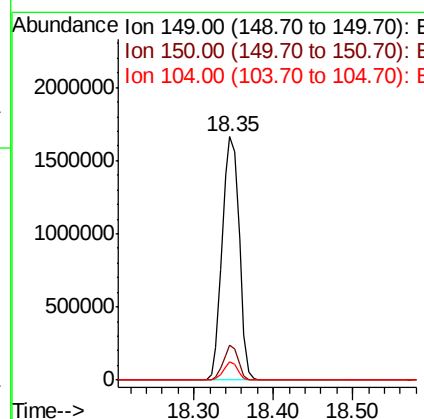
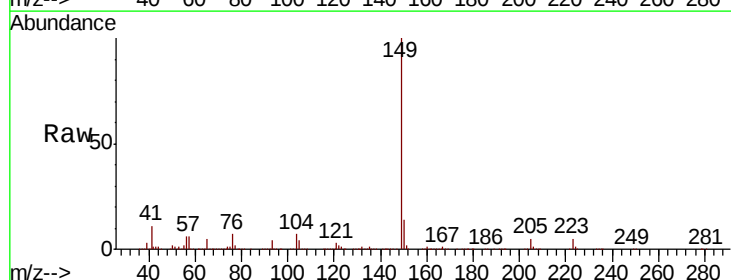
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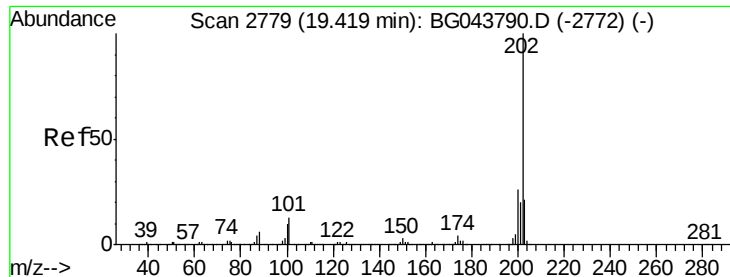
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#74
 Di-n-butylphthalate
 Concen: 45.358 ng
 RT: 18.35 min Scan# 2597
 Delta R.T. 0.00 min
 Lab File: BG043792.D
 Acq: 9 Dec 2019 15:26

Tgt Ion	Ratio	Lower	Upper
149	100		
150	14.2	9.4	14.0#
104	7.3	4.8	7.2#





#75

Fluoranthene

Concen: 42.735 ng

RT: 19.42 min Scan# 2780

Delta R.T. 0.00 min

Lab File: BG043792.D

Acq: 9 Dec 2019 15:26

Instrument :

BNA_G

ClientSampleId :

SSTDIC060

Tot Ion:202 Resp: 2604610

Ion Ratio Lower Upper

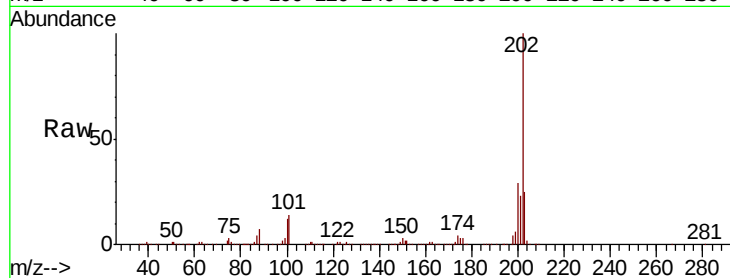
202 100

101 14.3 0.0 32.7

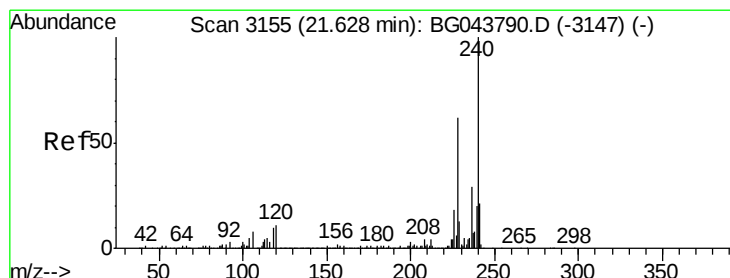
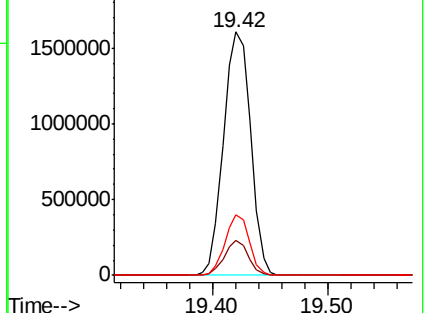
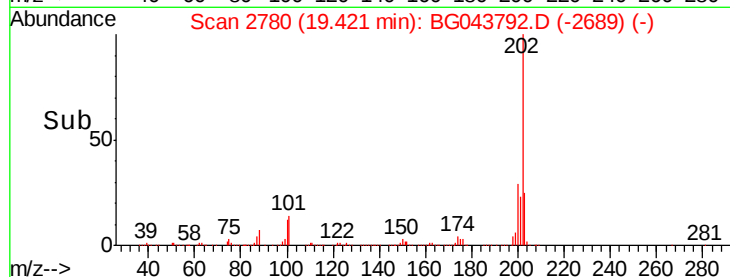
203 25.0 1.0 41.0

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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: 21.64 min Scan# 3157

Delta R.T. 0.01 min

Lab File: BG043792.D

Acq: 9 Dec 2019 15:26

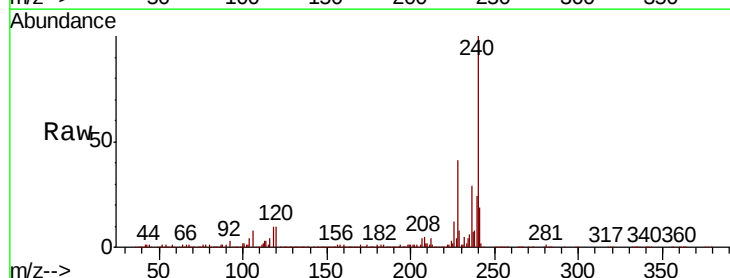
Tgt Ion:240 Resp: 714870

Ion Ratio Lower Upper

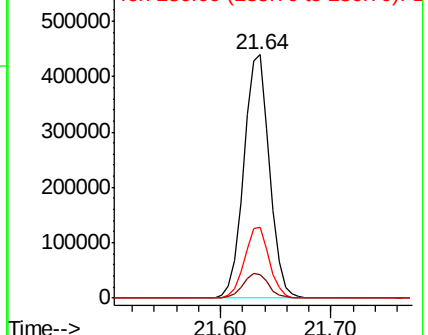
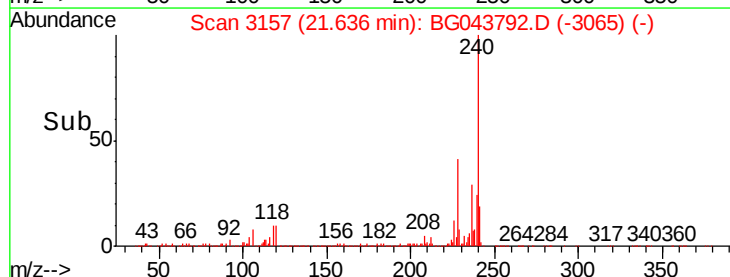
240 100

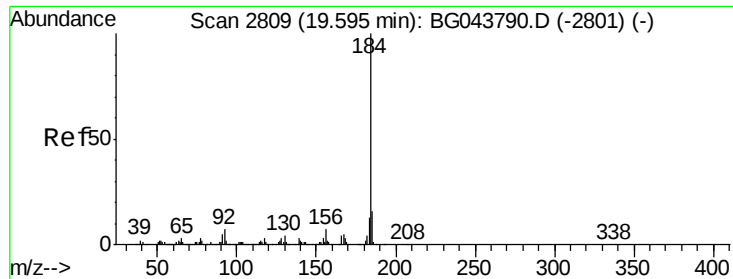
120 9.8 8.6 12.8

236 29.3 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: 44.739 ng

RT: 19.60 min Scan# 2810

Delta R.T. 0.00 min

Lab File: BG043792.D

Acq: 9 Dec 2019 15:26

Instrument :

BNA_G

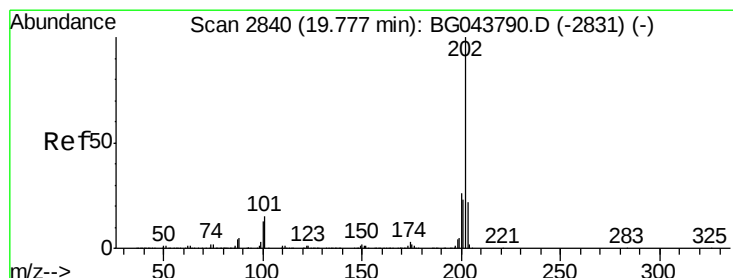
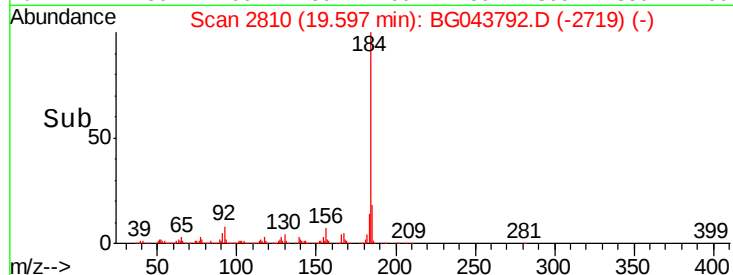
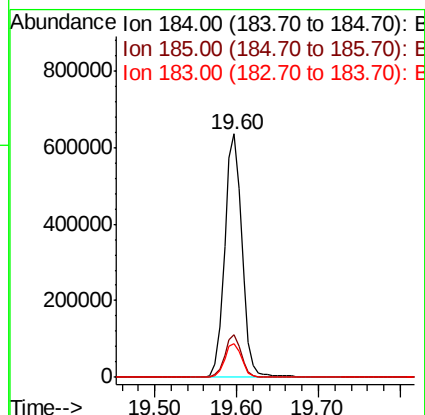
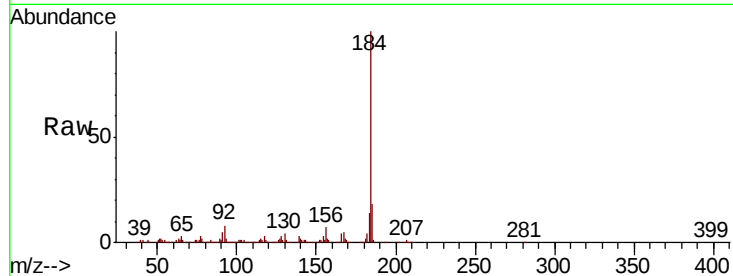
ClientSampleId :

SSTDICC060

Tot Ion	Ratio	Lower	Upper
184	100		
185	17.6	12.9	19.3
183	14.0	10.3	15.5

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#78

Pyrene

Concen: 56.559 ng

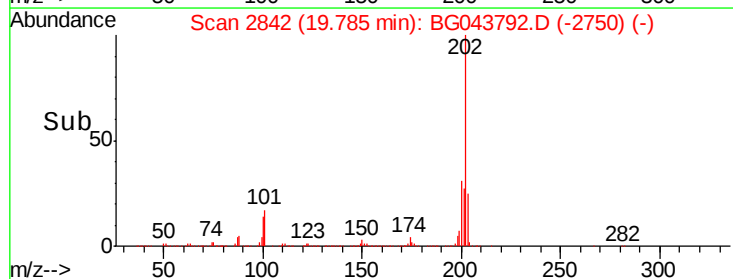
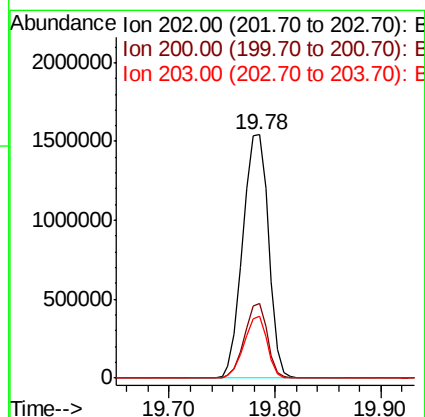
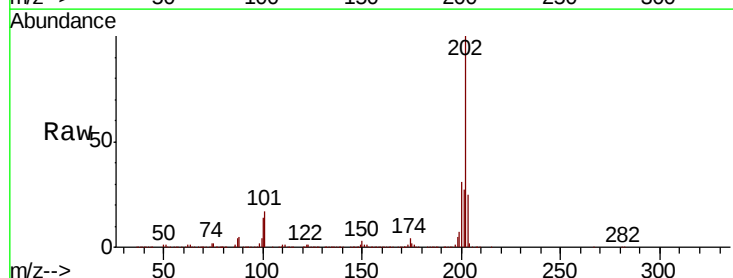
RT: 19.78 min Scan# 2842

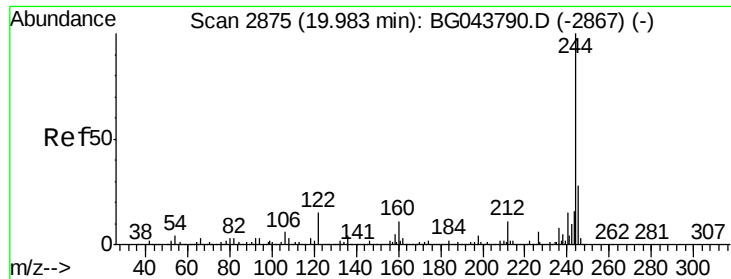
Delta R.T. 0.01 min

Lab File: BG043792.D

Acq: 9 Dec 2019 15:26

Tgt Ion	Ratio	Lower	Upper
202	100		
200	30.9	20.8	31.2
203	25.5	17.7	26.5





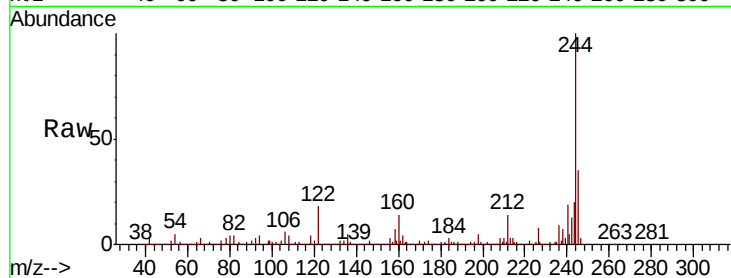
#79
 Terphenyl-d14
 Concen: 101.750 ng
 RT: 19.98 min Scan# 2876
 Delta R.T. 0.00 min
 Lab File: BG043792.D
 Acq: 9 Dec 2019 15:26

Instrument :
 BNA_G
 ClientSampleID :
 SSTDICC060

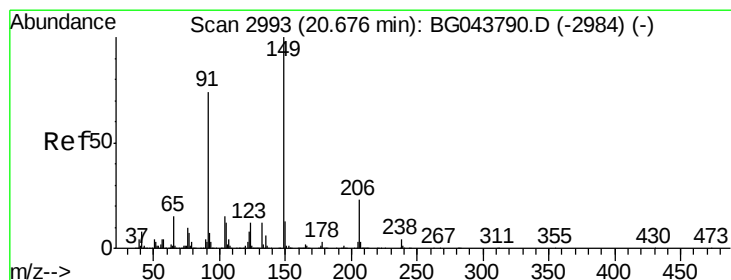
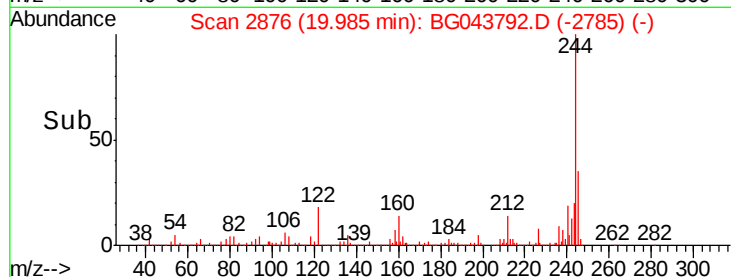
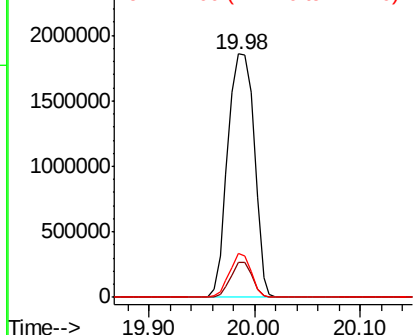
Tot Ion	Ratio	Lower	Upper
244	100		
212	14.3	9.1	13.7#
122	17.9	11.6	17.4#

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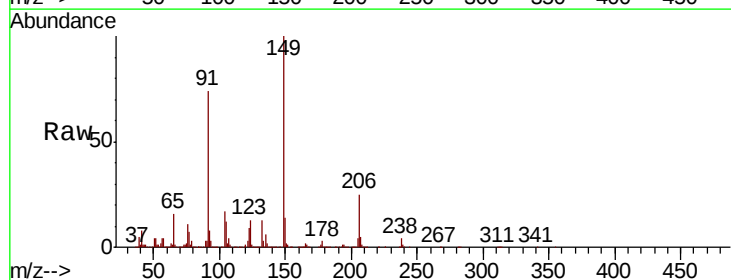


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

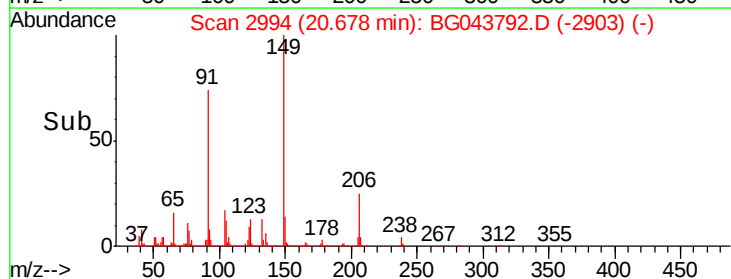
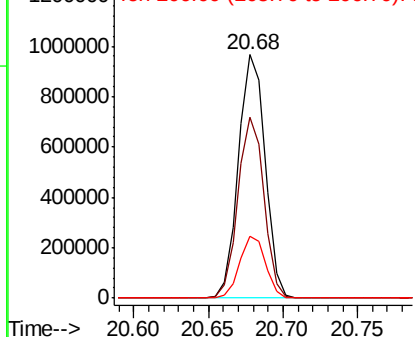


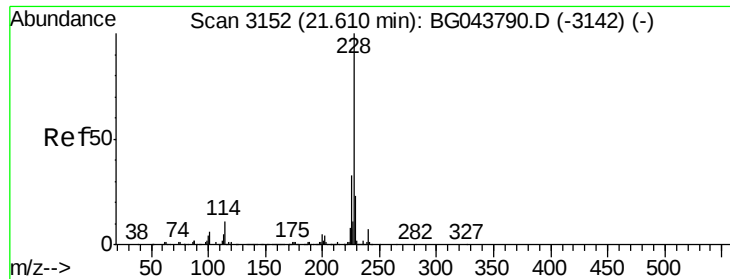
#80
 Butylbenzylphthalate
 Concen: 57.197 ng
 RT: 20.68 min Scan# 2994
 Delta R.T. 0.00 min
 Lab File: BG043792.D
 Acq: 9 Dec 2019 15:26

Tgt Ion	Ratio	Lower	Upper
149	100		
91	74.4	59.0	88.4
206	25.4	18.6	28.0



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BG
 Ion 206.00 (205.70 to 206.70): E





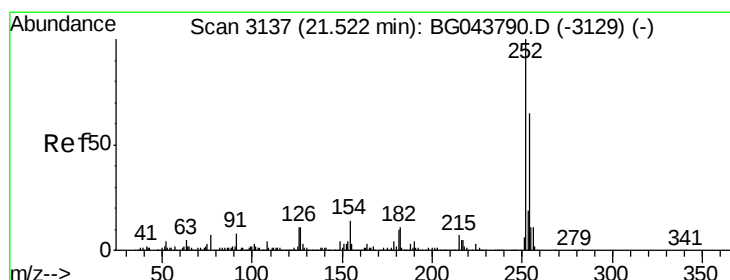
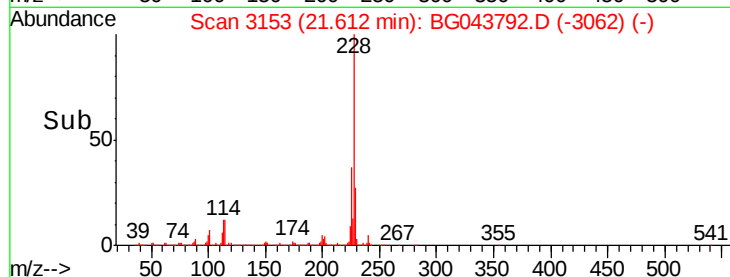
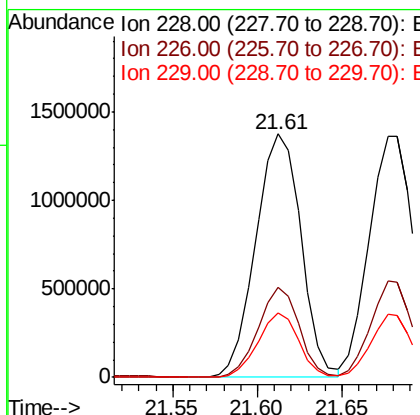
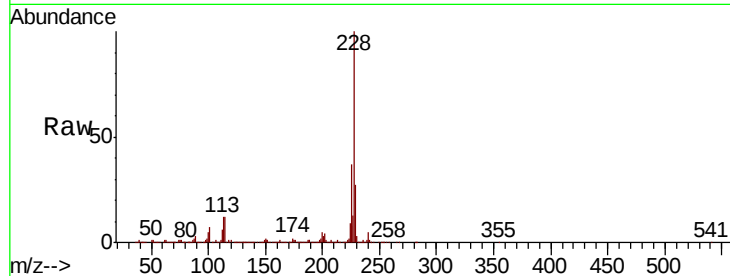
#81
Benzo(a)anthracene
Concen: 53.713 ng
RT: 21.61 min Scan# 3153
Delta R.T. 0.00 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

Instrument :
BNA_G
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
228	100		
226	36.8	26.1	39.1
229	26.7	18.6	27.8

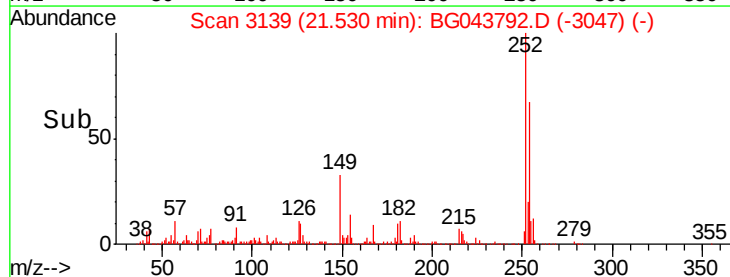
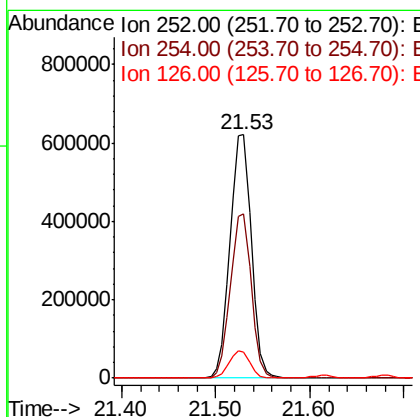
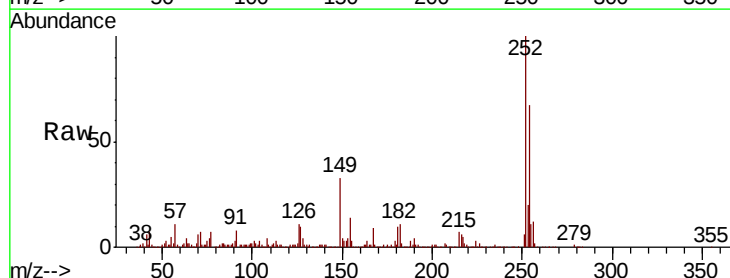
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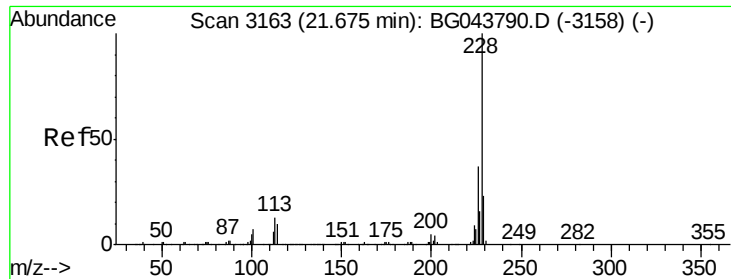
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#82
3,3'-Dichlorobenzidine
Concen: 54.861 ng
RT: 21.53 min Scan# 3139
Delta R.T. 0.01 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

Tgt Ion	Ratio	Lower	Upper
252	100		
254	67.4	52.2	78.2
126	10.5	8.7	13.1





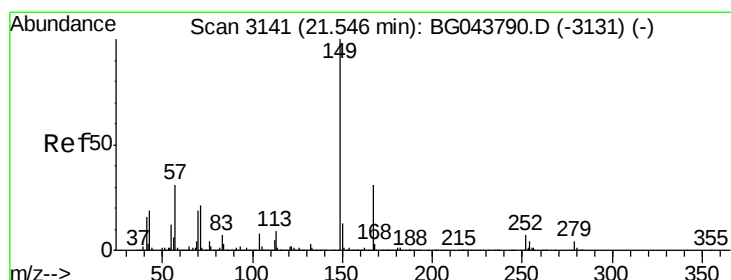
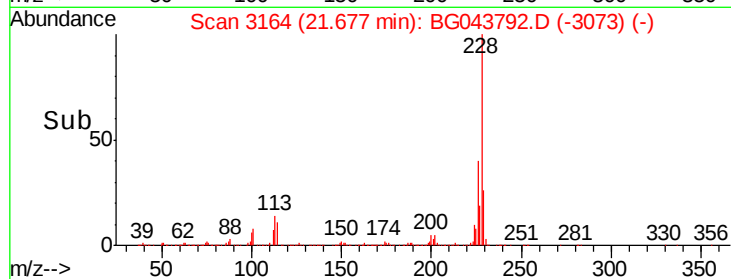
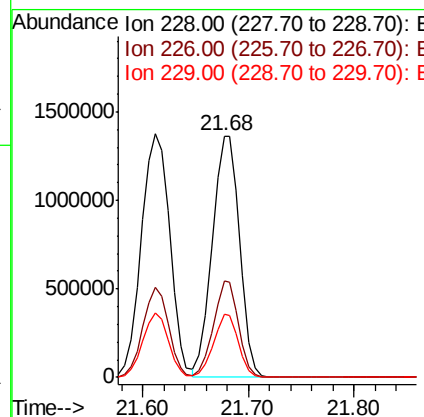
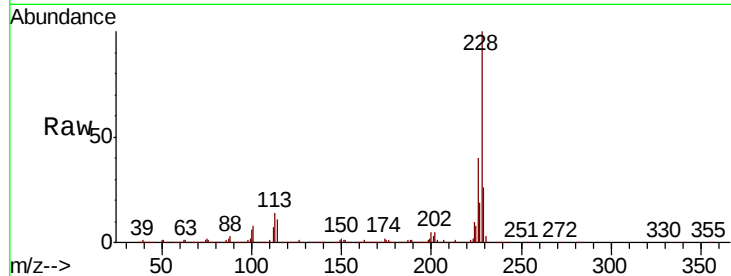
#83
 Chrysene
 Concen: 54.250 ng
 RT: 21.68 min Scan# 3164
 Delta R.T. 0.00 min
 Lab File: BG043792.D
 Acq: 9 Dec 2019 15:26

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC060

Tot Ion: 228 Resp: 2453317
 Ion Ratio Lower Upper
 228 100
 226 40.0 29.1 43.7
 229 26.2 18.6 28.0

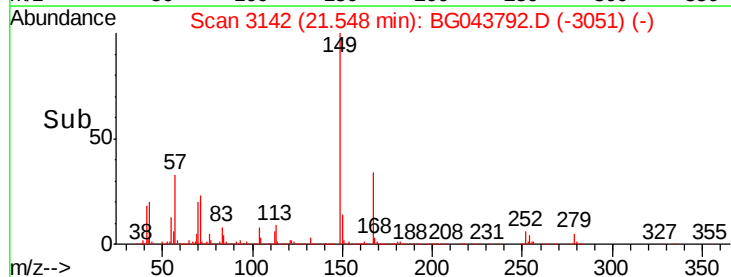
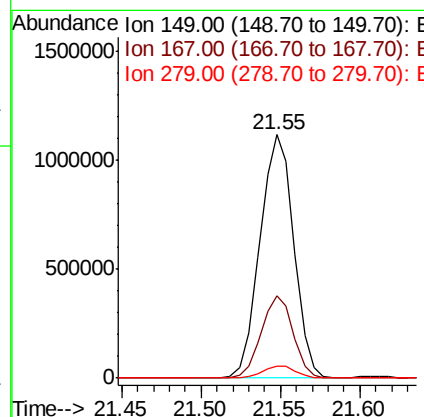
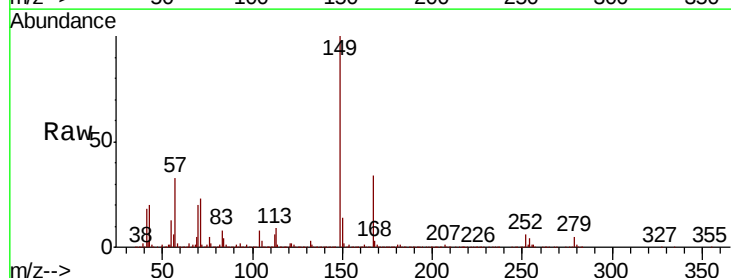
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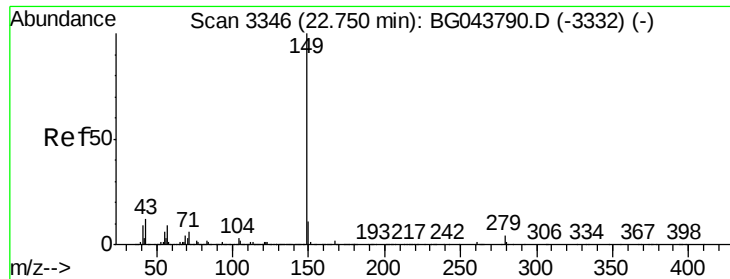
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 55.885 ng
 RT: 21.55 min Scan# 3142
 Delta R.T. 0.00 min
 Lab File: BG043792.D
 Acq: 9 Dec 2019 15:26

Tgt Ion: 149 Resp: 1652618
 Ion Ratio Lower Upper
 149 100
 167 33.7 25.1 37.7
 279 5.1 3.5 5.3





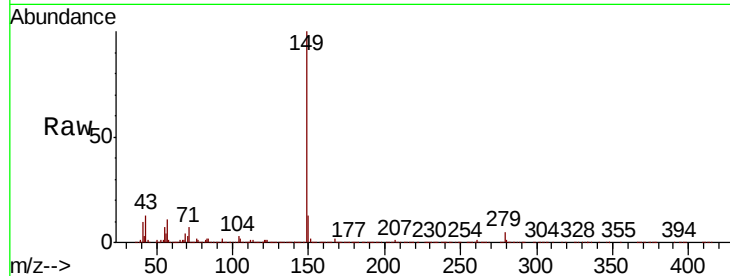
#85
Di-n-octyl phthalate
Concen: 58.043 ng
RT: 22.75 min Scan# 3347
Delta R.T. 0.00 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

Instrument :
BNA_G
ClientSampleId :
SSTDIC060

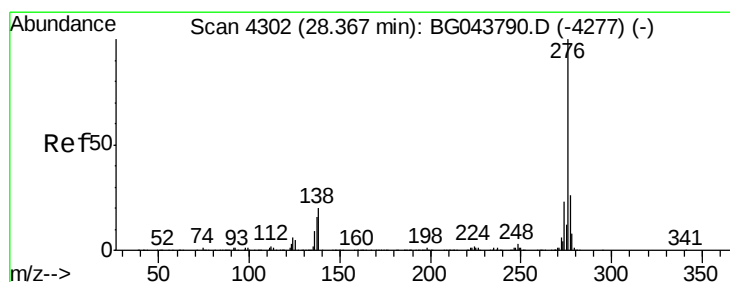
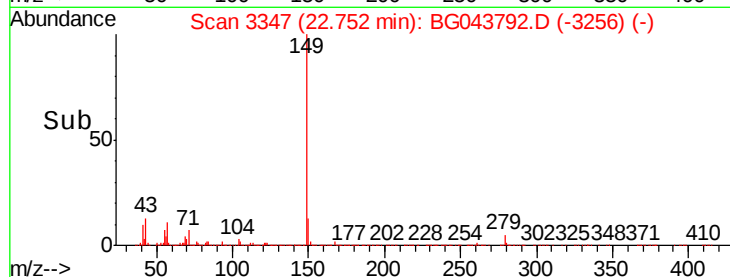
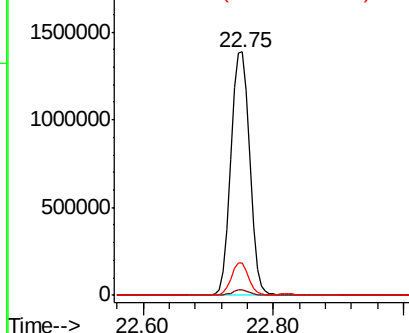
Tot Ion	Ratio	Lower	Upper
149	100		
167	2.0	1.4	2.2
43	12.3	8.8	13.2

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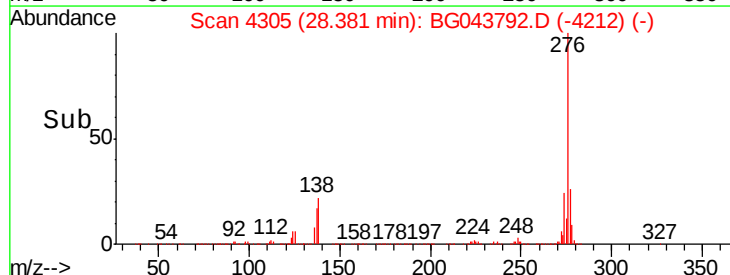
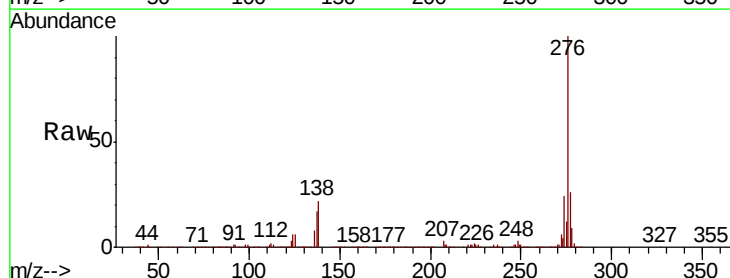
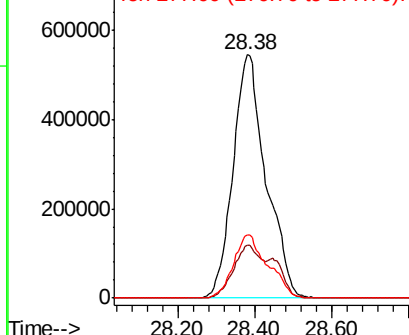
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

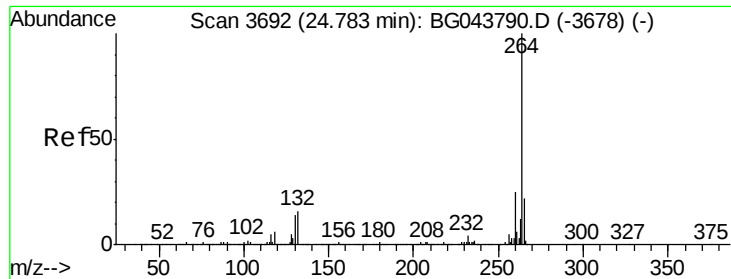


#86
Indeno(1,2,3-cd)pyrene
Concen: 61.935 ng
RT: 28.38 min Scan# 4305
Delta R.T. 0.01 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.3	14.6	21.8
277	27.0	21.2	31.8

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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.79 min Scan# 3694

Delta R.T. 0.01 min

Lab File: BG043792.D

Acq: 9 Dec 2019 15:26

Instrument :

BNA_G

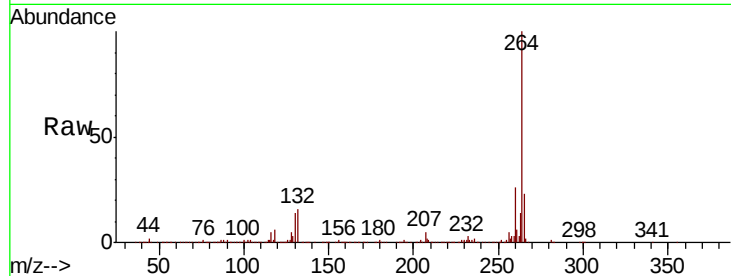
ClientSampleId :

SSTDICC060

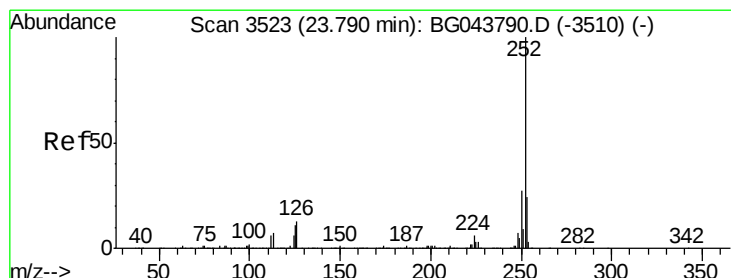
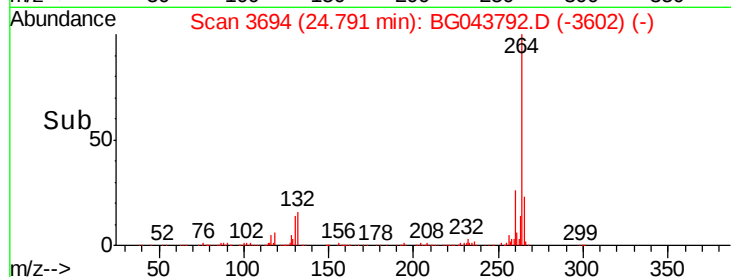
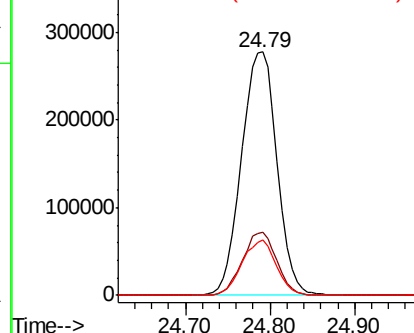
Tot Ion:	264	Resp:	809396
Ion Ratio		Lower	Upper
264	100		
260	26.1	19.8	29.8
265	23.0	17.9	26.9

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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: 56.557 ng

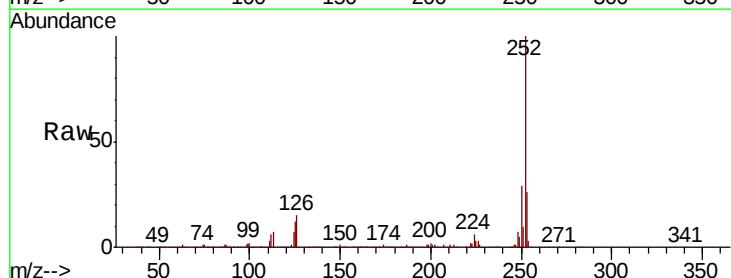
RT: 23.79 min Scan# 3524

Delta R.T. 0.00 min

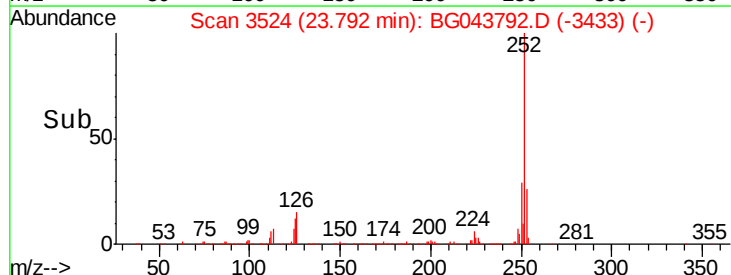
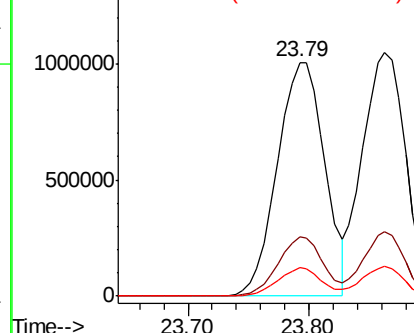
Lab File: BG043792.D

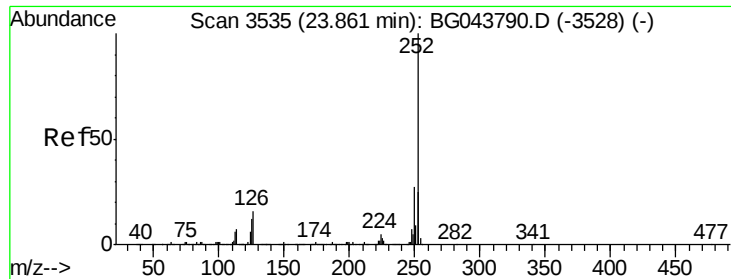
Acq: 9 Dec 2019 15:26

Tgt Ion:	252	Resp:	2733169
Ion Ratio		Lower	Upper
252	100		
253	25.5	19.5	29.3
125	12.0	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





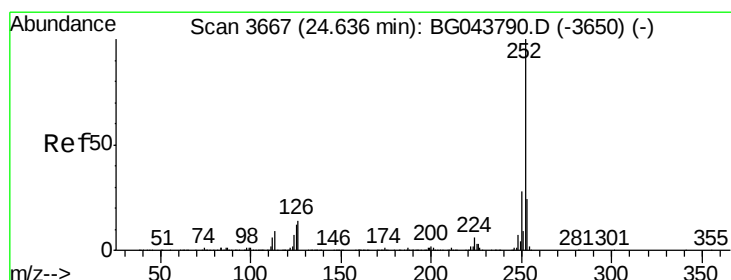
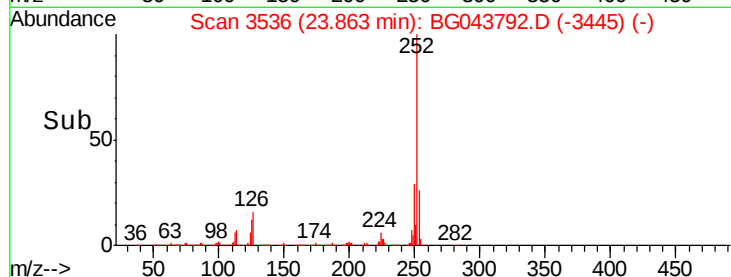
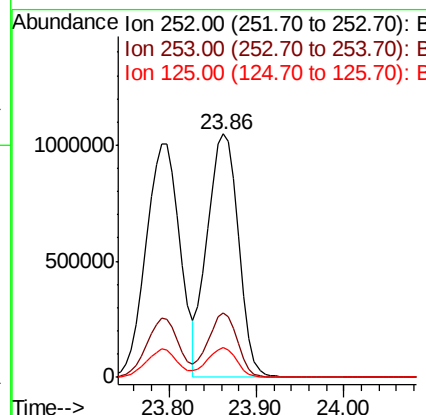
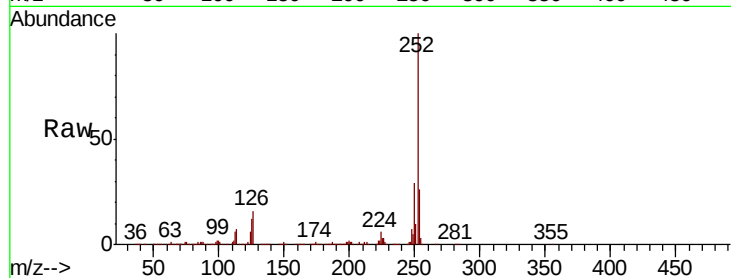
#89
Benzo(k)fluoranthene
Concen: 56.212 ng
RT: 23.86 min Scan# 3536
Delta R.T. 0.00 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.4	19.4	29.0
125	12.2	8.9	13.3

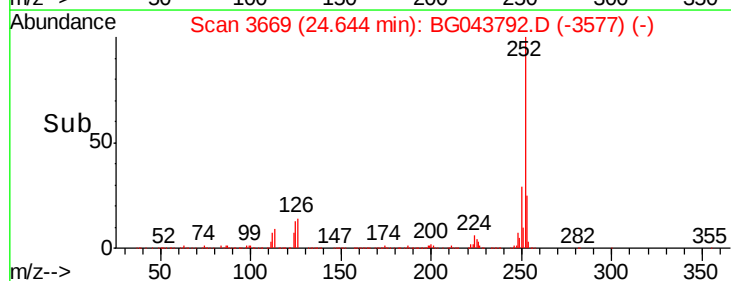
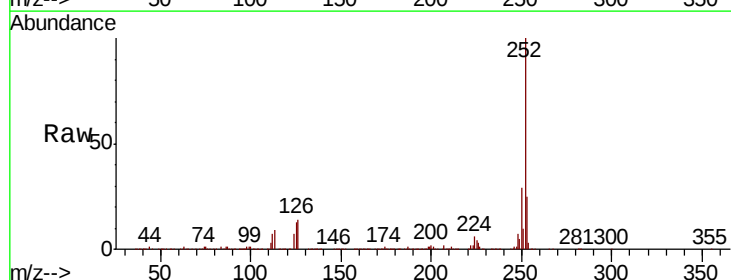
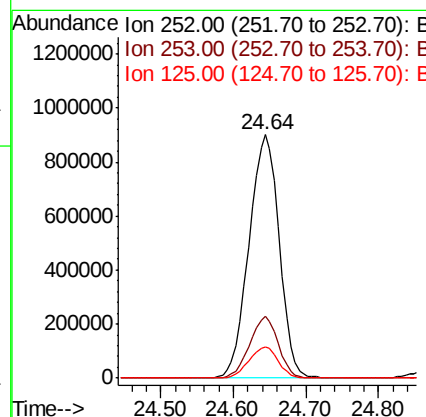
Manual Integrations
APPROVED

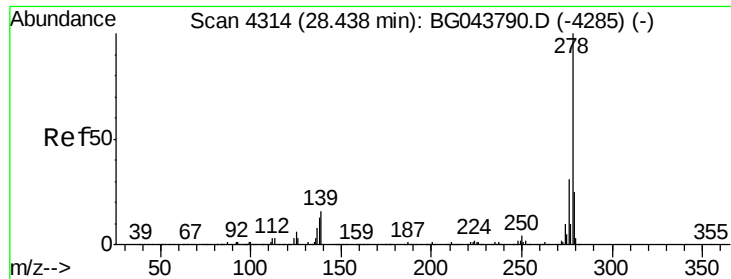
mohammad
12/10/2019 11:51:03 AM



#90
Benzo(a)pyrene
Concen: 57.268 ng
RT: 24.64 min Scan# 3669
Delta R.T. 0.01 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.4	19.1	28.7
125	12.5	9.4	14.0





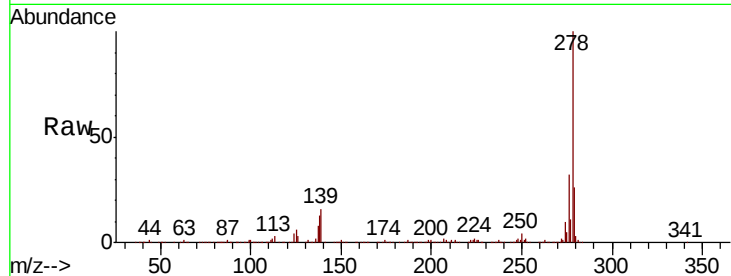
#91
Dibenzo(a,h)anthracene
Concen: 59.300 ng
RT: 28.45 min Scan# 4317
Delta R.T. 0.01 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.1	13.2	19.8
279	25.9	19.8	29.6

Manual Integrations
APPROVED

mohammad
12/10/2019 11:51:03 AM

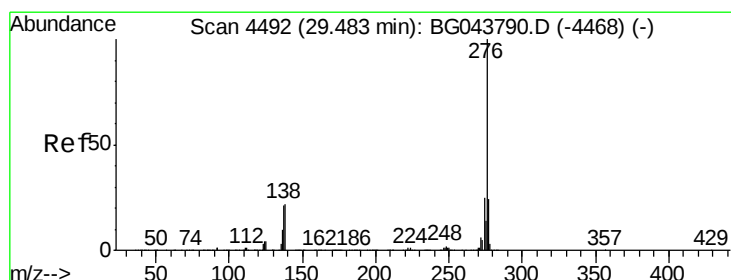
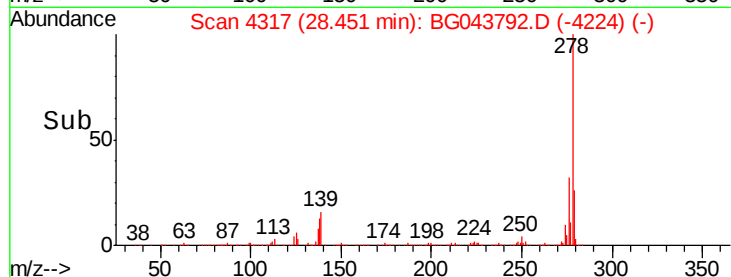
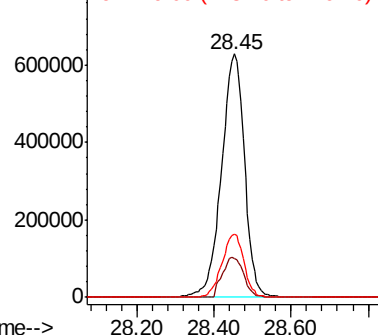


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 59.414 ng
RT: 29.50 min Scan# 4496
Delta R.T. 0.02 min
Lab File: BG043792.D
Acq: 9 Dec 2019 15:26

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.6	19.3	28.9
138	23.4	17.6	26.4

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

