

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090319\
 Data File : BG042690.D
 Acq On : 3 Sep 2019 15:56
 Operator : HP/JU
 Sample : K4554-02MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-13-(13-15)MS

Manual Integrations
 APPROVED

mohammad
 9/6/2019 8:17:29 AM

Quant Time: Sep 04 04:43:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	37746	20.00	ng	-0.01
21) Naphthalene-d8	10.81	136	143109	20.00	ng	-0.01
39) Acenaphthene-d10	14.66	164	112896	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	265102	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	278635	20.00	ng	-0.01
87) Perylene-d12	24.93	264	341718	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	225377	120.93	ng	0.00
7) Phenol-d6	7.17	99	303555	120.58	ng	0.00
23) Nitrobenzene-d5	9.16	82	172965	83.52	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	219644	136.88	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	578771	86.71	ng	0.00
79) Terphenyl-d14	20.02	244	1072688	83.23	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.42	88	21028	27.036	ng	99
3) Pyridine	3.82	79	50769	25.456	ng	100
4) n-Nitrosodimethylamine	3.73	42	26846	37.688	ng	88
6) Aniline	7.32	93	73923	22.016	ng	99
8) 2-Chlorophenol	7.56	128	90566	40.096	ng	98
9) Benzaldehyde	7.13	77	48183	38.230	ng	98
10) Phenol	7.19	94	124883	48.789	ng	94
11) bis(2-Chloroethyl)ether	7.41	93	67294	33.476	ng	96
12) 1,3-Dichlorobenzene	7.88	146	104084	36.224	ng	98
13) 1,4-Dichlorobenzene	8.03	146	107127	36.807	ng	98
14) 1,2-Dichlorobenzene	8.35	146	101286	36.339	ng	97
15) Benzyl Alcohol	8.24	79	68840	38.008	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.53	45	87846	32.241	ng	99
17) 2-Methylphenol	8.45	107	72678	38.550	ng	93
18) Hexachloroethane	9.09	117	35583	35.712	ng	91
19) n-Nitroso-di-n-propylamine	8.81	70	55496	34.027	ng	96
20) 3+4-Methylphenols	8.78	107	98715	37.839	ng	96
22) Acetophenone	8.82	105	126734	41.405	ng	# 98
24) Nitrobenzene	9.21	77	84278	40.188	ng	99
25) Isophorone	9.73	82	155915	38.149	ng	100
26) 2-Nitrophenol	9.93	139	55631	42.331	ng	96
27) 2,4-Dimethylphenol	9.99	122	86075	47.548	ng	97
28) bis(2-Chloroethoxy)methane	10.22	93	98167	38.109	ng	100
29) 2,4-Dichlorophenol	10.47	162	109670	46.304	ng	98
30) 1,2,4-Trichlorobenzene	10.68	180	125362	43.122	ng	99
31) Naphthalene	10.87	128	280149	42.165	ng	100
32) Benzoic acid	10.15	122	33013	29.020	ng	98
33) 4-Chloroaniline	10.99	127	50807	16.565	ng	97
34) Hexachlorobutadiene	11.16	225	85476	43.748	ng	98
35) Caprolactam	11.76	113	32087m	40.600	ng	
36) 4-Chloro-3-methylphenol	12.11	107	99650	44.320	ng	98
37) 2-Methylnaphthalene	12.48	142	232840	43.644	ng	97
38) 1-Methylnaphthalene	12.70	142	218681	43.153	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	164376	45.339	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	129567	68.035	nq	97
43) 2,4,6-Trichlorophenol	13.09	196	104252	42.541	nq	98
44) 2,4,5-Trichlorophenol	13.17	196	109999	43.315	nq	99
46) 1,1'-Biphenyl	13.49	154	310581	42.559	nq	98
47) 2-Chloronaphthalene	13.53	162	260387	41.380	nq	98
48) 2-Nitroaniline	13.74	65	56266	37.081	nq	94
49) Acenaphthylene	14.38	152	408194	43.118	nq	99
50) Dimethylphthalate	14.11	163	365698	44.894	nq	100
51) 2,6-Dinitrotoluene	14.23	165	80346	42.553	nq	97
52) Acenaphthene	14.72	154	236739	41.183	nq	99
53) 3-Nitroaniline	14.56	138	44640	23.640	nq	99
54) 2,4-Dinitrophenol	14.78	184	75438	60.892	nq	95
55) Dibenzofuran	15.06	168	420756	44.219	nq	98
56) 4-Nitrophenol	14.89	139	108288	80.704	nq	94
57) 2,4-Dinitrotoluene	15.03	165	115594	42.753	nq	98
58) Fluorene	15.71	166	339408	43.635	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.29	232	113586m	45.228	nq	
60) Diethylphthalate	15.47	149	322011	40.438	nq	99
61) 4-Chlorophenyl-phenylether	15.70	204	202896	43.272	nq	98
62) 4-Nitroaniline	15.73	138	78437	38.811	nq	95
63) Azobenzene	15.99	77	217484	39.858	nq	96
65) 4,6-Dinitro-2-methylphenol	15.80	198	68651	41.304	nq	98
66) n-Nitrosodiphenylamine	15.91	169	311143	42.678	nq	100
67) 4-Bromophenyl-phenylether	16.59	248	143495	42.673	nq	99
68) Hexachlorobenzene	16.72	284	152360	41.680	nq	98
69) Atrazine	16.86	200	117507	45.578	nq	96
70) Pentachlorophenol	17.07	266	158115	83.249	nq	97
71) Phenanthrene	17.45	178	577671	43.869	nq	100
72) Anthracene	17.54	178	587040	44.657	nq	99
73) Carbazole	17.81	167	506273	43.212	nq	99
74) Di-n-butylphthalate	18.36	149	575070	41.523	nq	99
75) Fluoranthene	19.46	202	741056	46.112	nq	98
77) Benzidine	19.64	184	288853	36.158	nq	97
78) Pyrene	19.83	202	747437	43.753	nq	99
80) Butylbenzylphthalate	20.70	149	268348	39.938	nq	96
81) Benzo(a)anthracene	21.67	228	748637	44.168	nq	98
82) 3,3'-Dichlorobenzidine	21.58	252	189619	27.816	nq	99
83) Chrysene	21.73	228	716366	43.823	nq	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	384846	41.252	nq	99
85) Di-n-octyl phthalate	22.78	149	664618	41.421	nq	99
86) Indeno(1,2,3-cd)pyrene	28.64	276	932298	41.968	nq	# 73
88) Benzo(b)fluoranthene	23.90	252	816502	43.462	nq	99
89) Benzo(k)fluoranthene	23.96	252	791149	43.812	nq	98
90) Benzo(a)pyrene	24.78	252	806817	45.259	nq	98
91) Dibenzo(a,h)anthracene	28.71	278	787745	43.643	nq	98
92) Benzo(g,h,i)perylene	29.80	276	776573	43.018	nq	97

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



#1

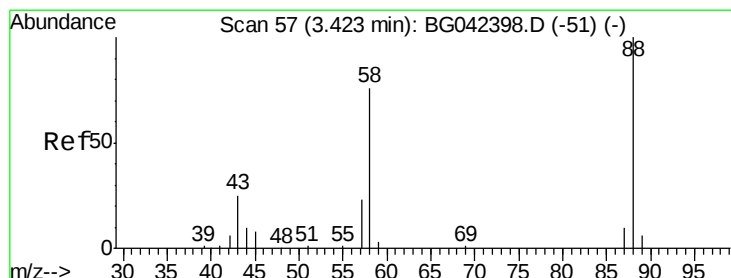
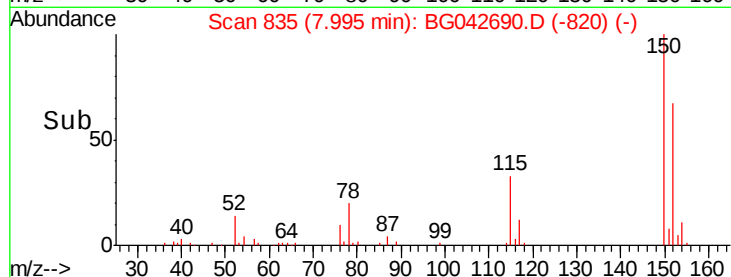
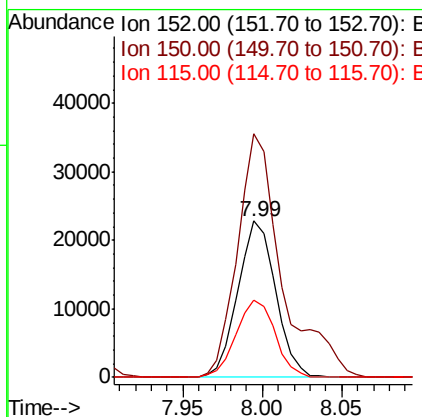
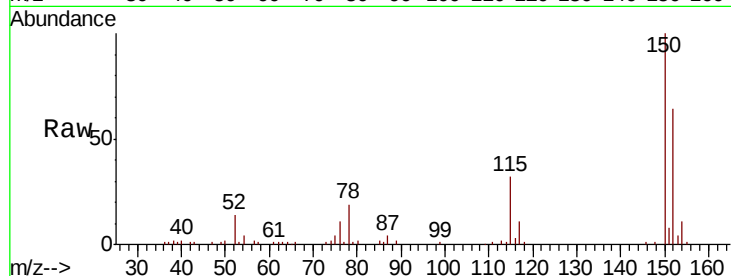
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042690.D
Acq: 3 Sep 2019 15:56

Instrument :
BNA_G
ClientSampleId :
SB-13-(13-15)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	125.4	188.0
115	49.7	38.5	57.7

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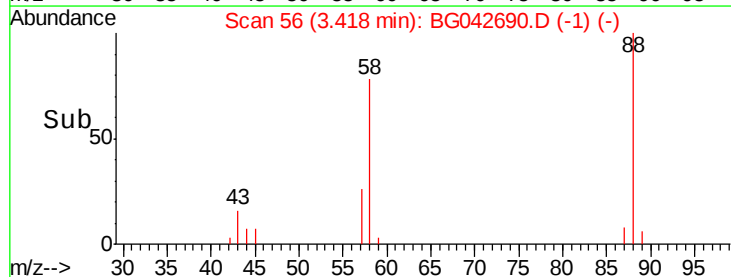
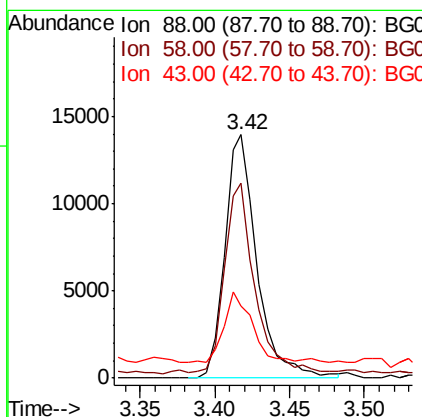
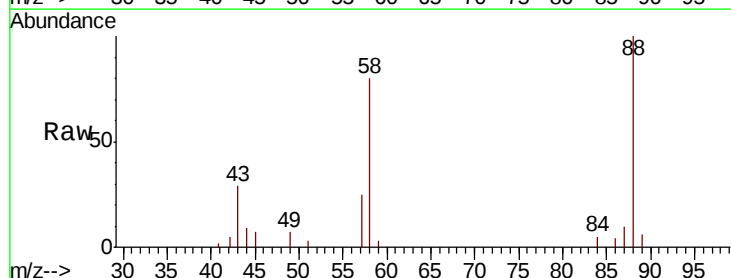
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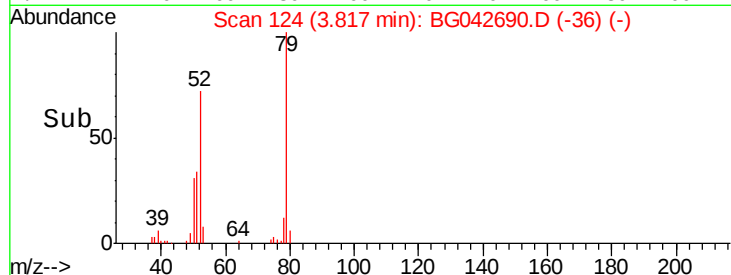
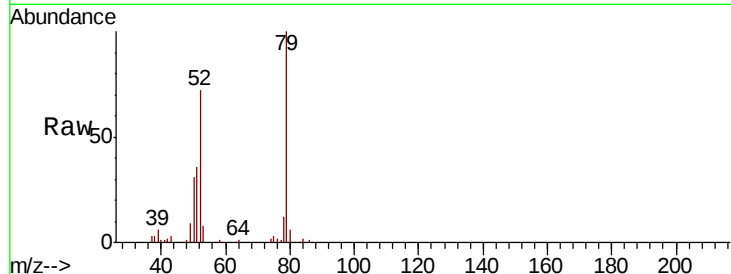


#2

1,4-Dioxane
Concen: 27.036 ng
RT: 3.42 min Scan# 56
Delta R.T. -0.01 min
Lab File: BG042690.D
Acq: 3 Sep 2019 15:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.1	58.3	87.5
43	26.4	20.2	30.2





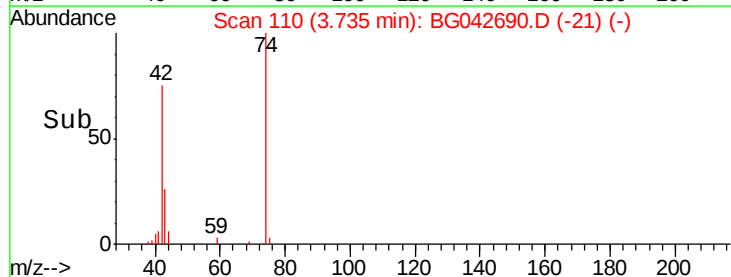
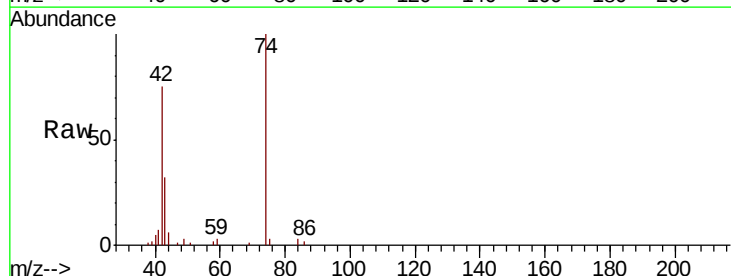
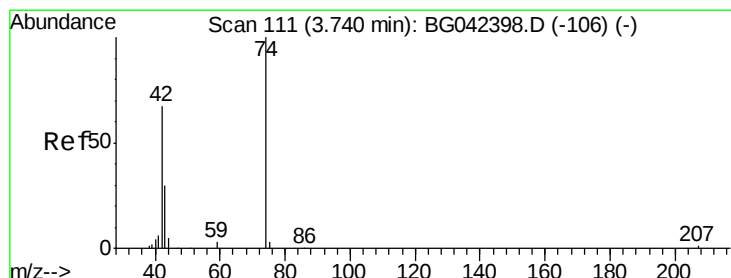
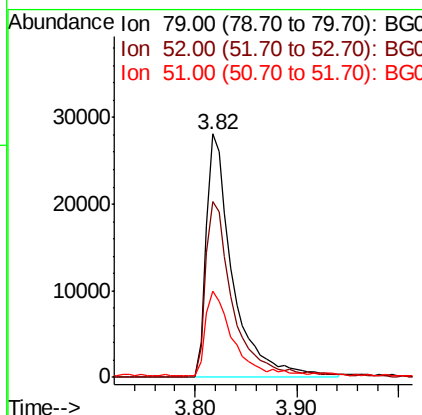
#3
 Pvridine
 Concen: 25.456 ng
 RT: 3.82 min Scan# 124
 Delta R.T. -0.01 min
 Lab File: BG042690.D
 Acq: 3 Sep 2019 15:56

Tot Ion:	79	Resp:	50769
Ion	Ratio	Lower	Upper
79	100		
52	72.4	57.7	86.5
51	35.6	28.8	43.2

Instrument :
 BNA_G
 ClientSampleId :
 SB-13-(13-15)MS

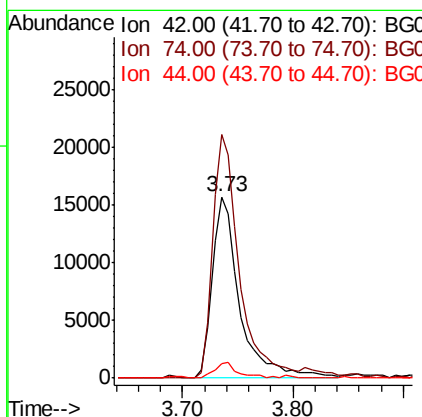
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#4
 n-Nitrosodimethylamine
 Concen: 37.688 ng
 RT: 3.73 min Scan# 110
 Delta R.T. -0.01 min
 Lab File: BG042690.D
 Acq: 3 Sep 2019 15:56

Tgt Ion:	42	Resp:	26846
Ion	Ratio	Lower	Upper
42	100		
74	134.1	119.6	179.4
44	8.1	6.5	9.7





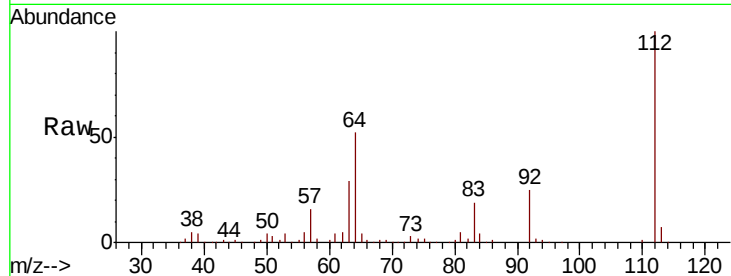
#5
2-Fluorophenol
Concen: 120.928 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042690.D
Acq: 3 Sep 2019 15:56

Instrument :
BNA_G
ClientSampleId :
SB-13-(13-15)MS

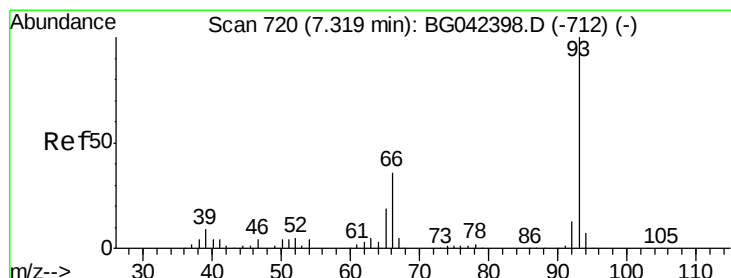
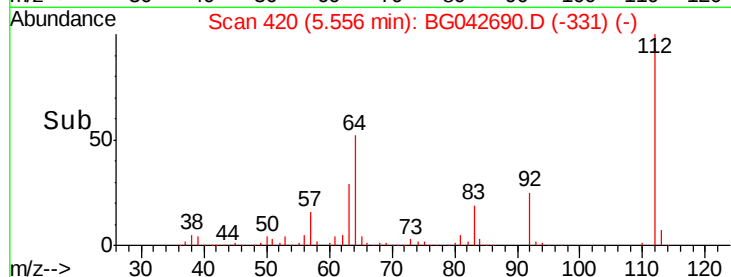
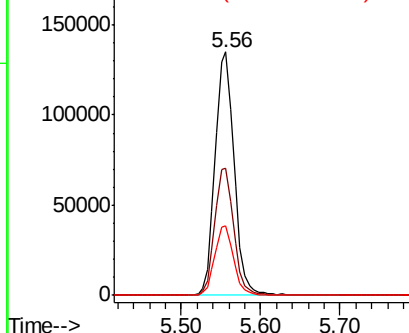
Tot Ion:	112	Resp:	225377
Ion Ratio	Lower	Upper	
112	100		
64	52.2	42.8	64.2
63	28.7	22.7	34.1

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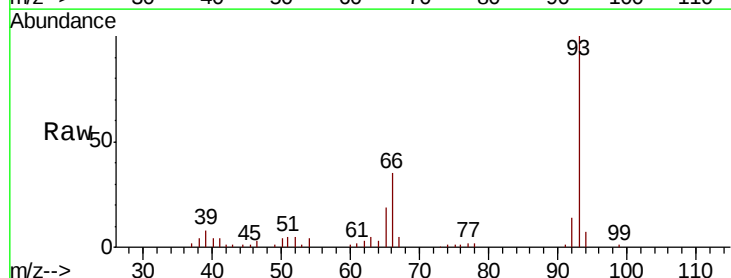


Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC

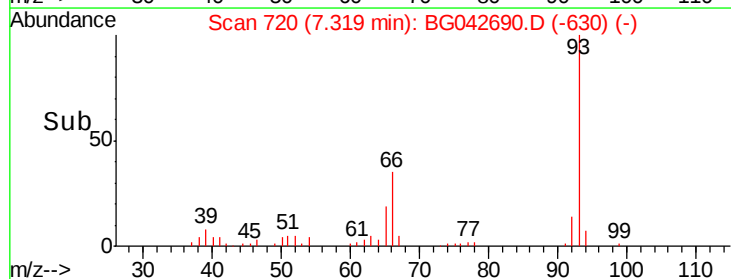
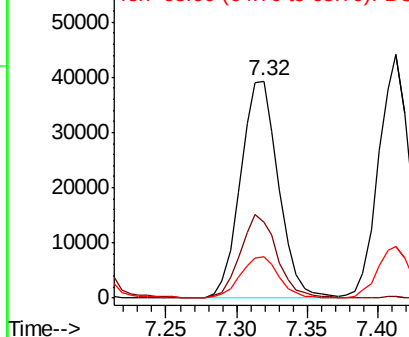


#6
Aniline
Concen: 22.016 ng
RT: 7.32 min Scan# 720
Delta R.T. 0.00 min
Lab File: BG042690.D
Acq: 3 Sep 2019 15:56

Tgt Ion:	93	Resp:	73923
Ion Ratio	Lower	Upper	
93	100		
66	35.2	29.0	43.6
65	18.8	15.2	22.8



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 120.579 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042690.D

Acq: 3 Sep 2019 15:56

Instrument :

BNA_G

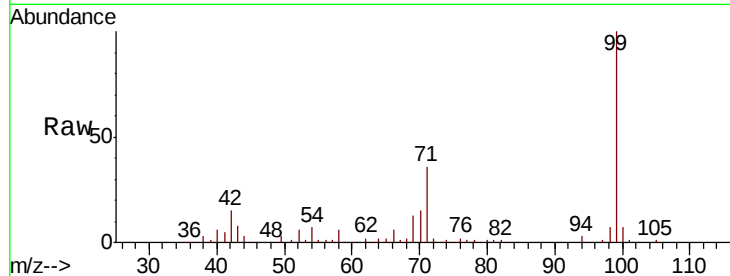
ClientSampleId :

SB-13-(13-15)MS

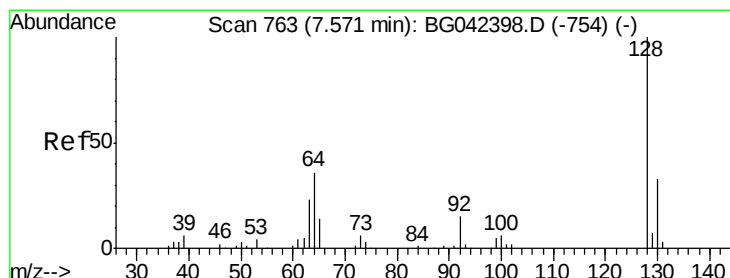
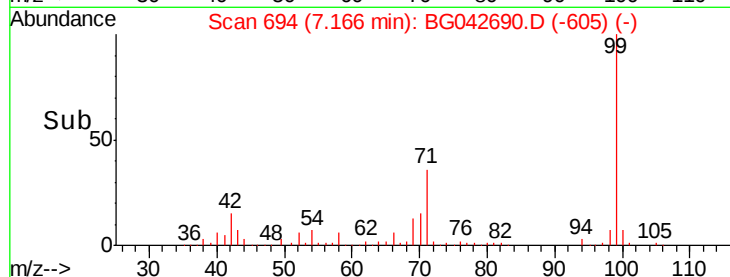
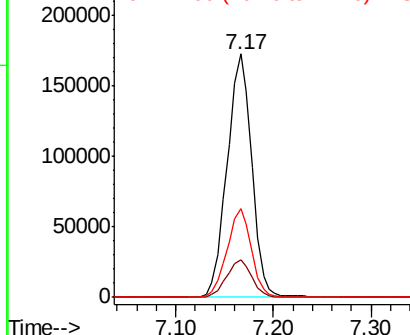
Tot Ion:	99	Resp:	303555
Ion Ratio	Lower	Upper	
99	100		
42	15.5	12.0	18.0
71	36.3	26.3	39.5

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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: 40.096 ng

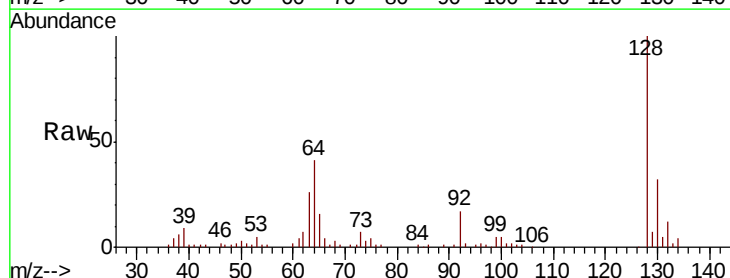
RT: 7.56 min Scan# 761

Delta R.T. -0.01 min

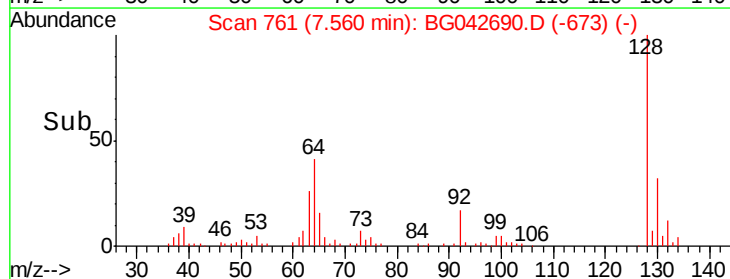
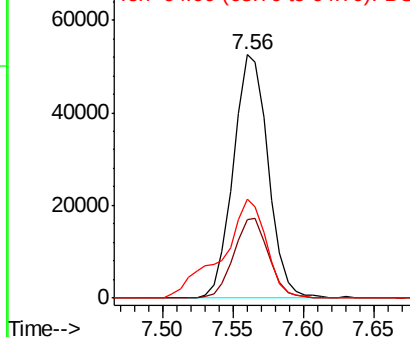
Lab File: BG042690.D

Acq: 3 Sep 2019 15:56

Tgt Ion:	128	Resp:	90566
Ion Ratio	Lower	Upper	
128	100		
130	32.1	12.8	52.8
64	40.6	19.2	59.2



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





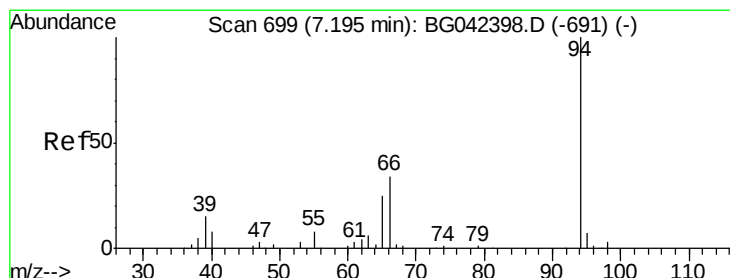
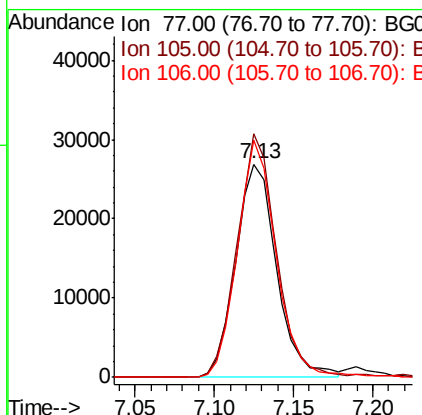
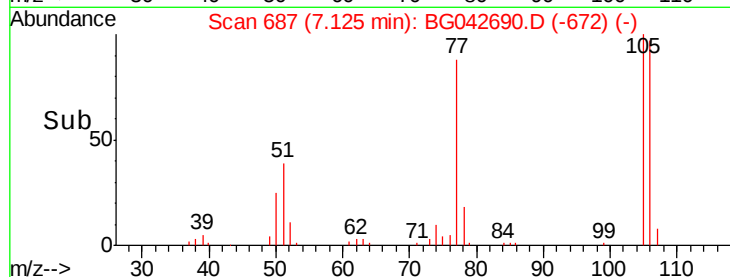
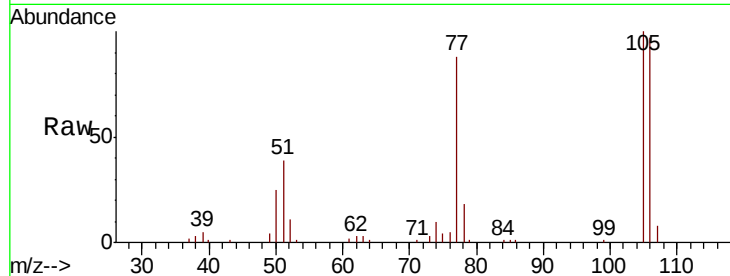
#9
Benzaldehyde
Concen: 38.230 ng
RT: 7.13 min Scan# 687
Delta R.T. -0.01 min
Lab File: BG042690.D
Acq: 3 Sep 2019 15:56

Instrument :
BNA_G
ClientSampleId :
SB-13-(13-15)MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	114.1	93.4	133.4
106	110.9	88.4	128.4

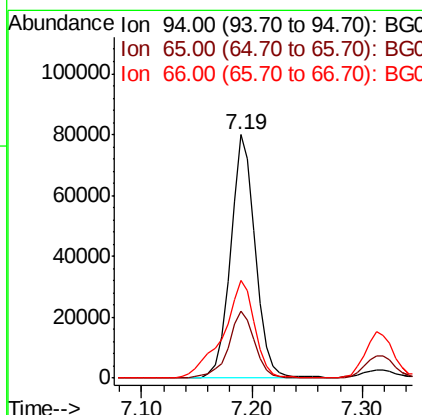
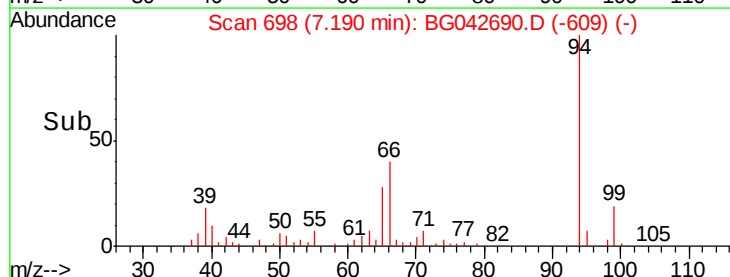
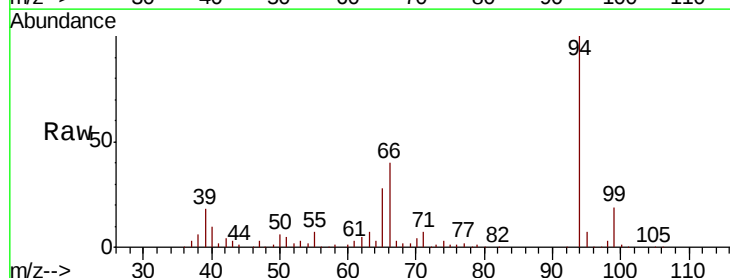
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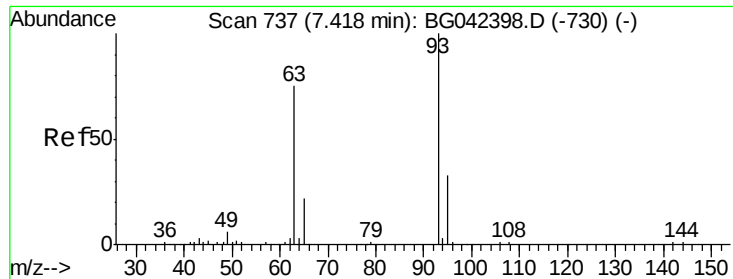
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#10
Phenol
Concen: 48.789 ng
RT: 7.19 min Scan# 698
Delta R.T. -0.01 min
Lab File: BG042690.D
Acq: 3 Sep 2019 15:56

Tgt Ion	Ratio	Lower	Upper
94	100		
65	27.7	5.6	45.6
66	40.2	16.0	56.0





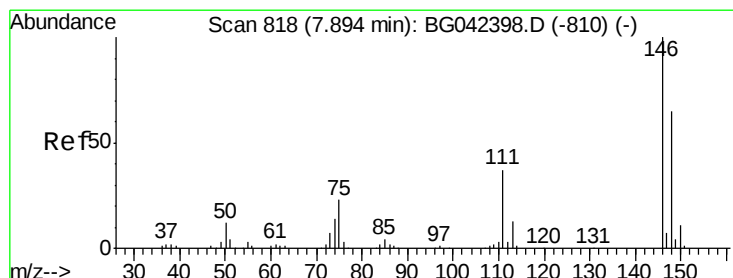
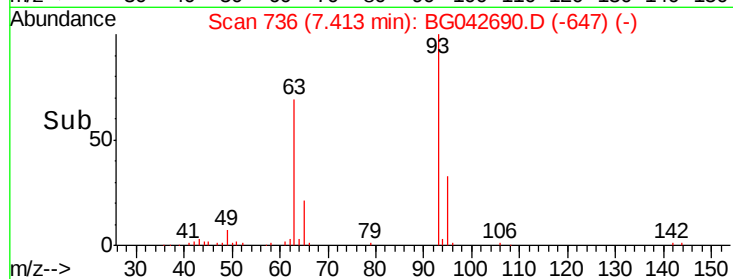
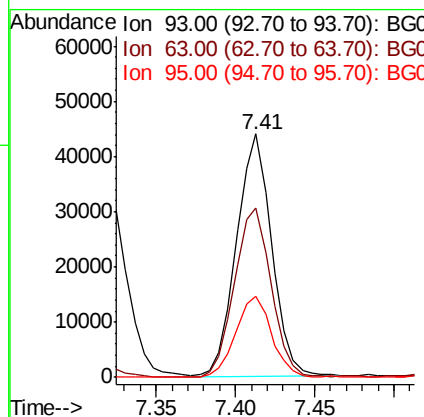
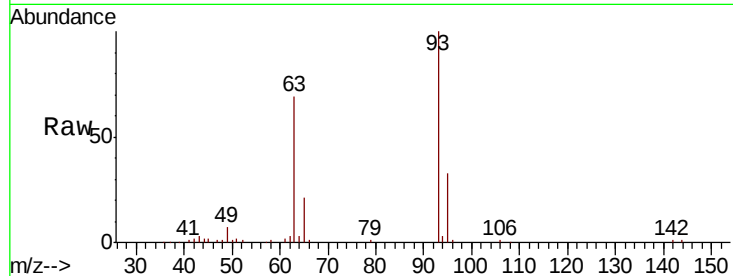
#11
bis(2-Chloroethyl)ether
Concen: 33.476 ng
RT: 7.41 min Scan# 736
Delta R.T. -0.01 min
Lab File: BG042690.D
Acq: 3 Sep 2019 15:56

Instrument :
BNA_G
ClientSampleId :
SB-13-(13-15)MS

Tot Ion:	93	Resp:	67294
Ion	Ratio	Lower	Upper
93	100		
63	69.4	53.8	93.8
95	33.2	13.1	53.1

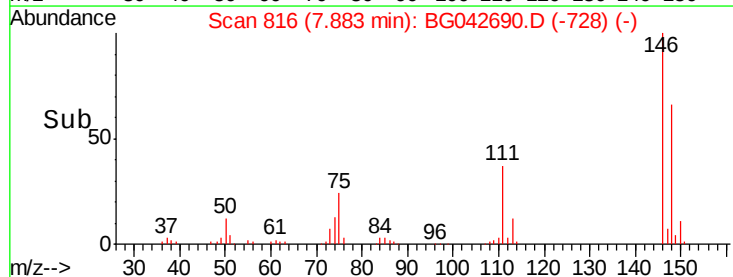
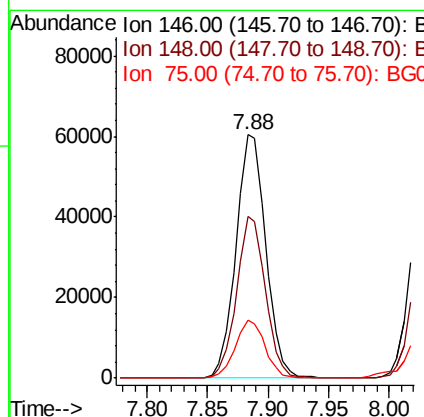
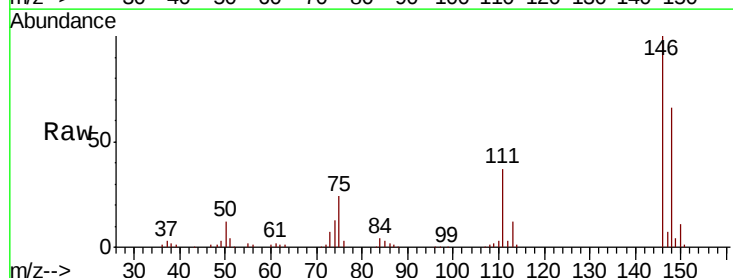
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#12
1,3-Dichlorobenzene
Concen: 36.224 ng
RT: 7.88 min Scan# 816
Delta R.T. -0.01 min
Lab File: BG042690.D
Acq: 3 Sep 2019 15:56

Tgt Ion:	146	Resp:	104084
Ion	Ratio	Lower	Upper
146	100		
148	66.2	52.2	78.2
75	24.1	18.0	27.0





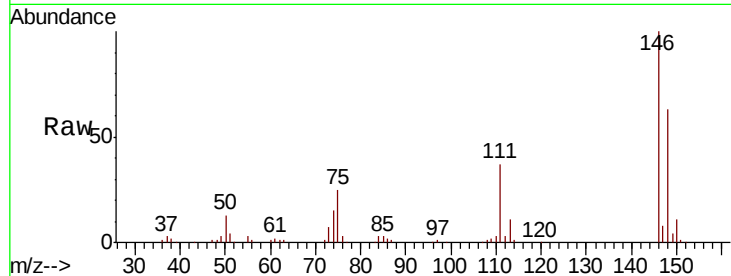
#13
 1,4-Dichlorobenzene
 Concen: 36.807 ng
 RT: 8.03 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BG042690.D
 Acq: 3 Sep 2019 15:56

Instrument :
 BNA_G
 ClientSampleId :
 SB-13-(13-15)MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.6	49.5	74.3
111	36.6	28.1	42.1

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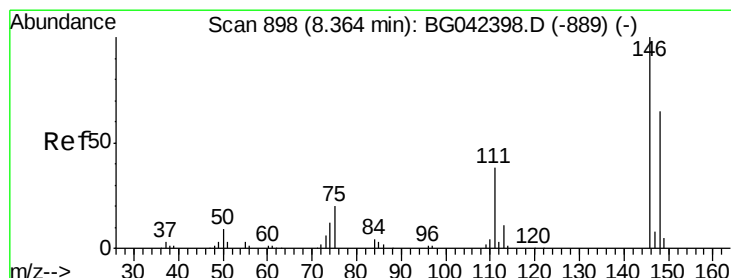
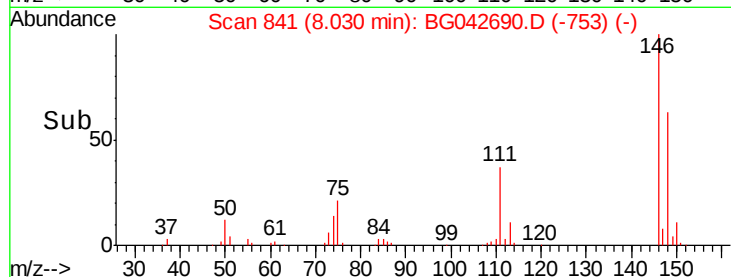
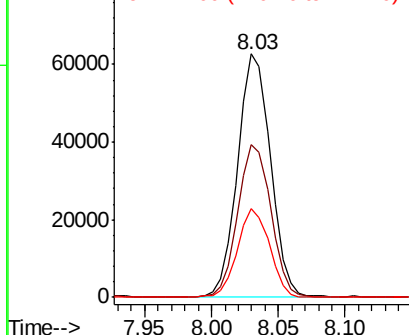


Abundance

Ion 146.00 (145.70 to 146.70): E

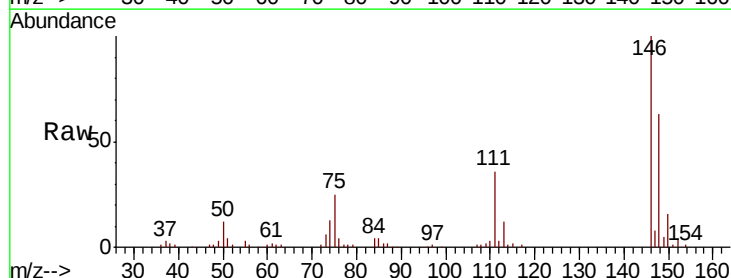
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 36.339 ng
 RT: 8.35 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BG042690.D
 Acq: 3 Sep 2019 15:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.8	77.6
111	36.3	30.9	46.3

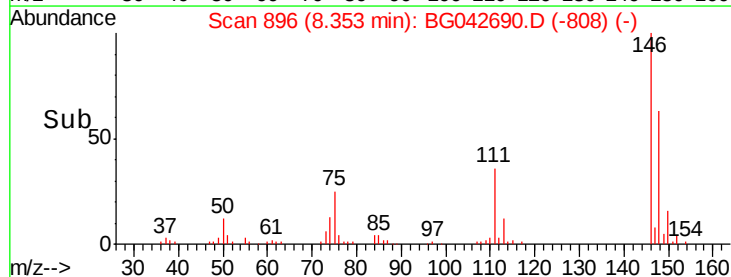
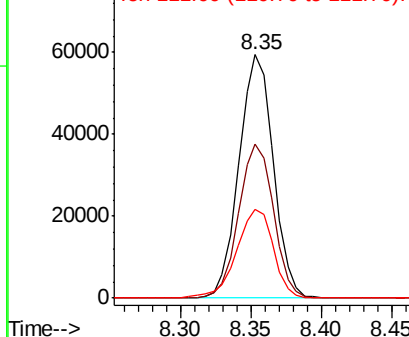


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.008 ng

RT: 8.24 min Scan# 877

Delta R.T. -0.01 min

Lab File: BG042690.D

Acq: 3 Sep 2019 15:56

Instrument :

BNA_G

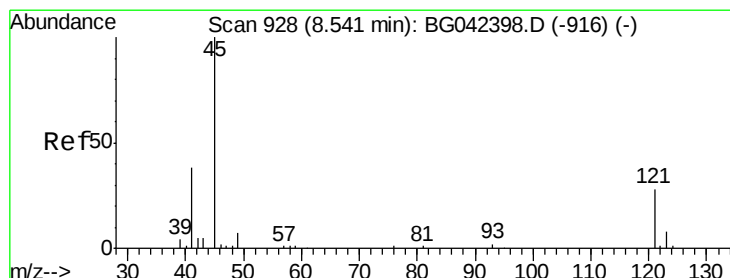
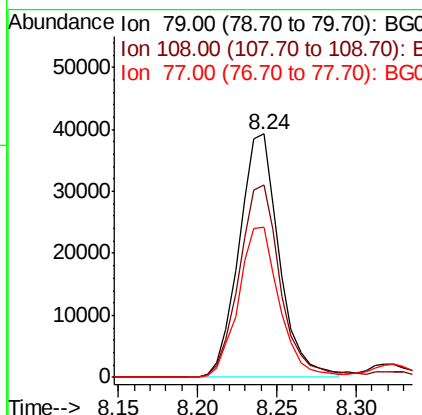
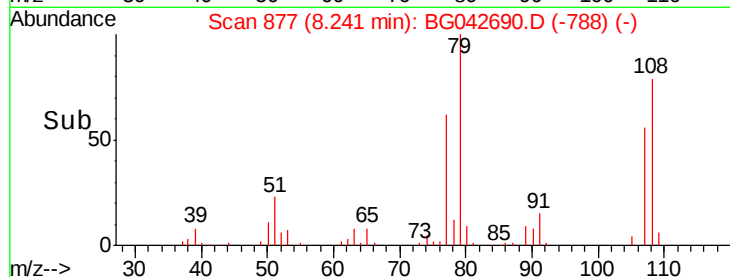
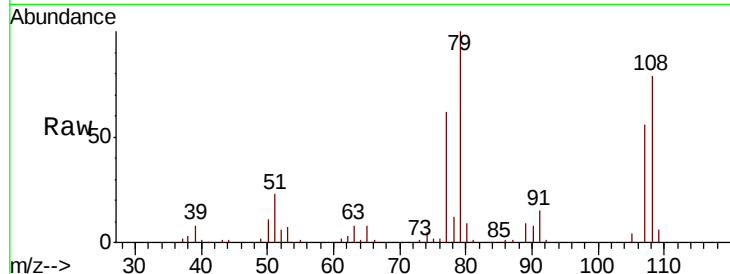
ClientSampleId :

SB-13-(13-15)MS

Tot Ion:	79	Resp:	68840
Ion	Ratio	Lower	Upper
79	100		
108	78.9	67.4	101.2
77	61.6	50.8	76.2

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.241 ng

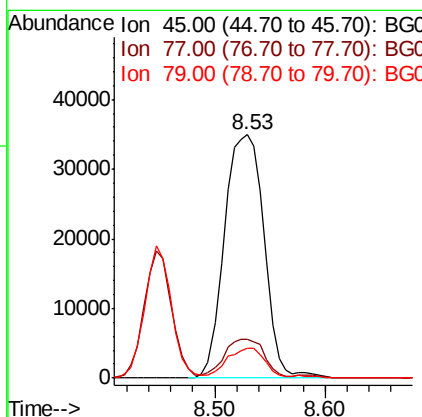
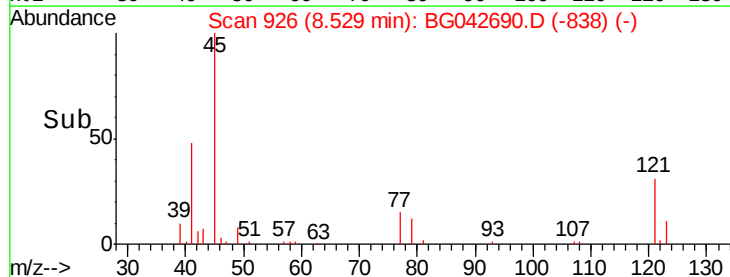
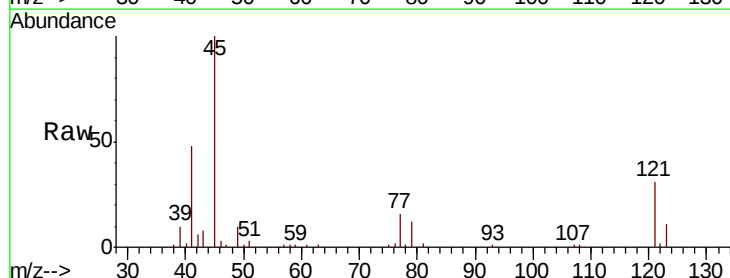
RT: 8.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BG042690.D

Acq: 3 Sep 2019 15:56

Tgt Ion:	45	Resp:	87846
Ion	Ratio	Lower	Upper
45	100		
77	16.0	0.0	35.6
79	12.1	0.0	31.6





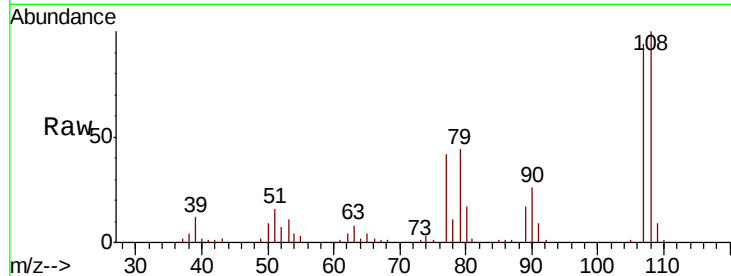
#17
2-Methylphenol
Concen: 38.550 ng
RT: 8.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BG042690.D
Acq: 3 Sep 2019 15:56

Instrument :
BNA_G
ClientSampleId :
SB-13-(13-15)MS

Tot Ion	107	Resp	72678
Ion	Ratio	Lower	Upper
107	100		
108	106.3	92.9	139.3
77	44.4	34.4	51.6
79	46.3	33.8	50.6

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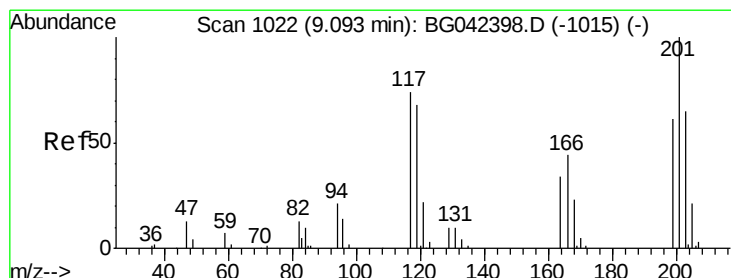
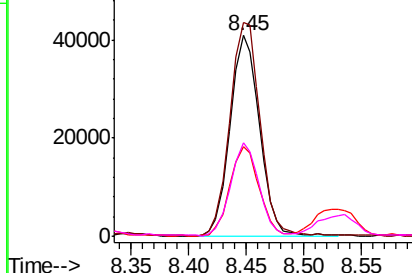
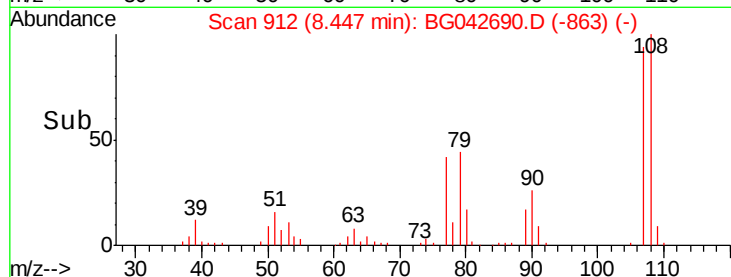
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

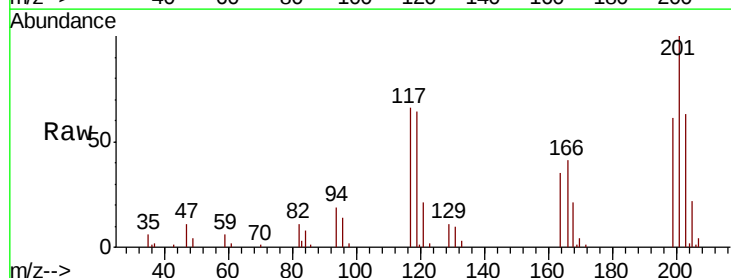
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 35.712 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG042690.D
Acq: 3 Sep 2019 15:56

Tgt Ion	117	Resp	35583
Ion	Ratio	Lower	Upper
117	100		
119	96.0	73.8	110.8
201	150.8	108.3	162.5

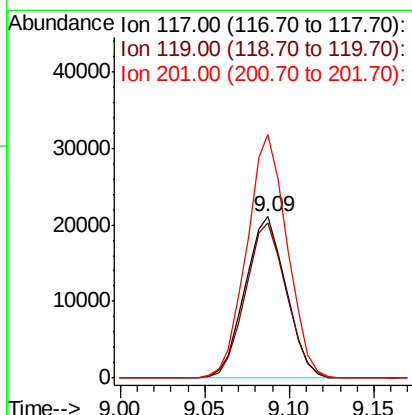
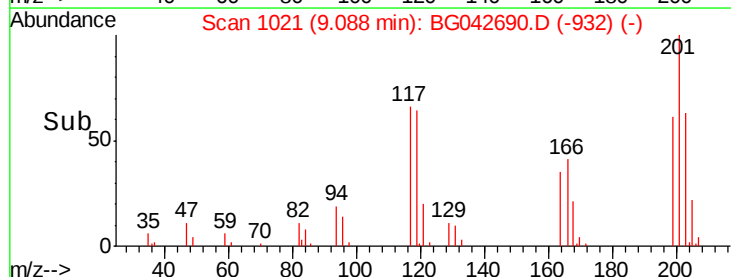


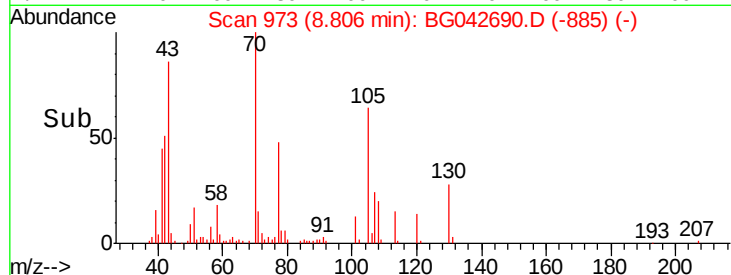
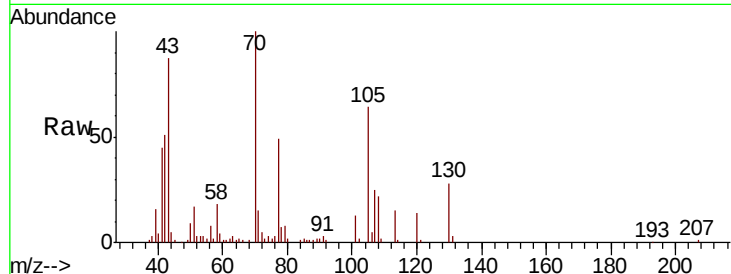
Abundance

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





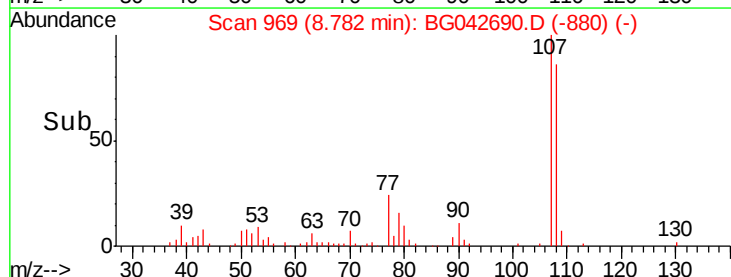
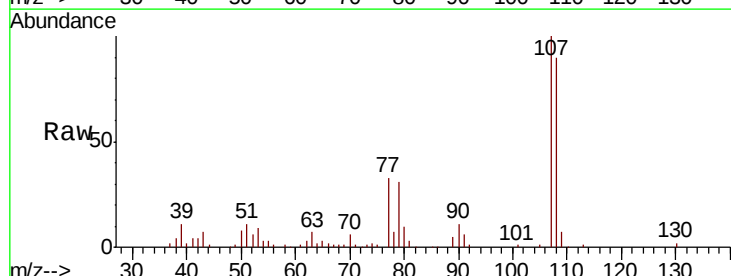
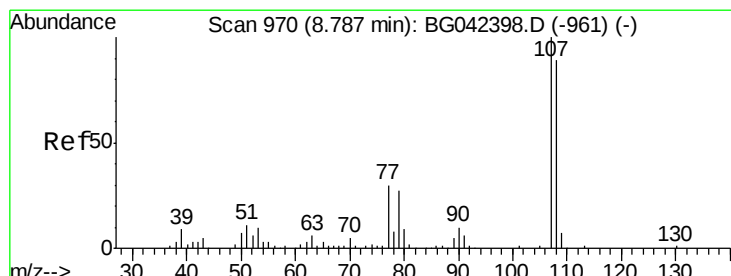
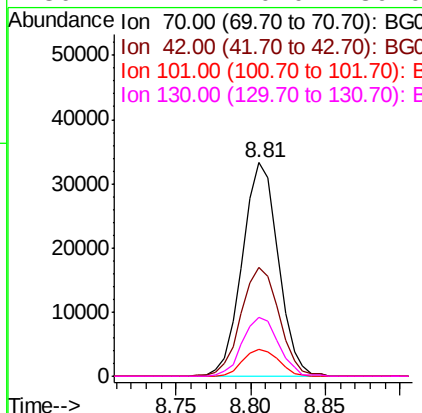
#19
n-Nitroso-di-n-propylamine
Concen: 34.027 ng
RT: 8.81 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG042690.D
Acq: 3 Sep 2019 15:56

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	51.2	38.8	58.2	
101	12.9	9.0	13.6	
130	27.7	20.0	30.0	

Instrument :
BNA_G
ClientSampleId :
SB-13-(13-15)MS

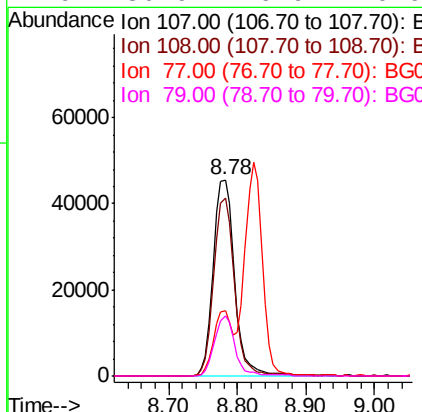
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#20
3+4-Methylphenols
Concen: 37.839 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.01 min
Lab File: BG042690.D
Acq: 3 Sep 2019 15:56

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.5	68.7	108.7	
77	33.2	10.2	50.2	
79	30.9	6.9	46.9	





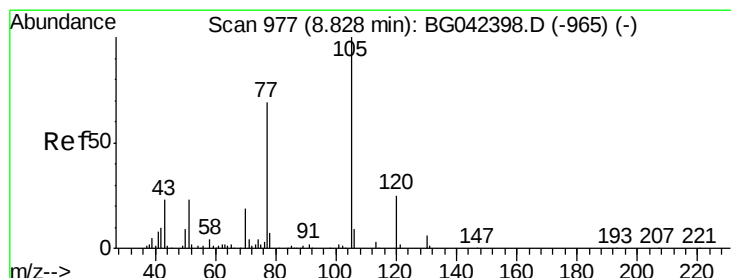
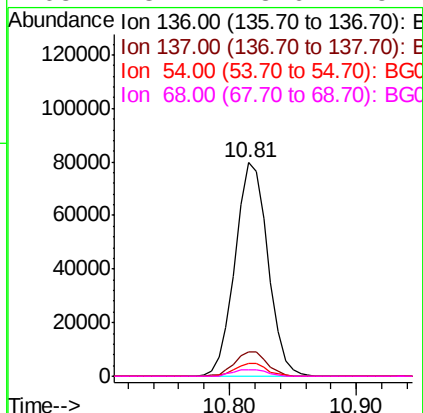
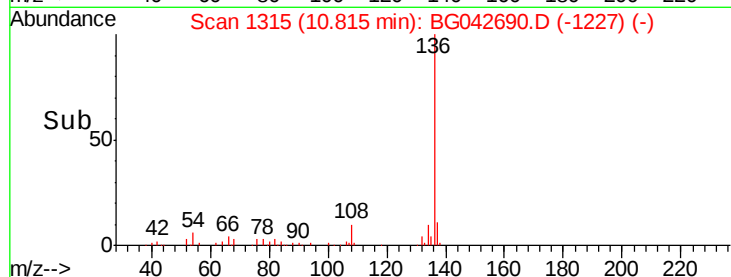
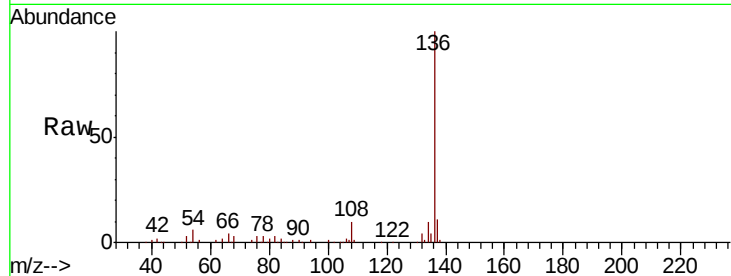
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BG042690.D
Acq: 3 Sep 2019 15:56

Instrument :
BNA_G
ClientSampleId :
SB-13-(13-15)MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	143109		
137	11.3	8.7	13.1	
54	6.1	4.9	7.3	
68	3.2	3.6	5.4	

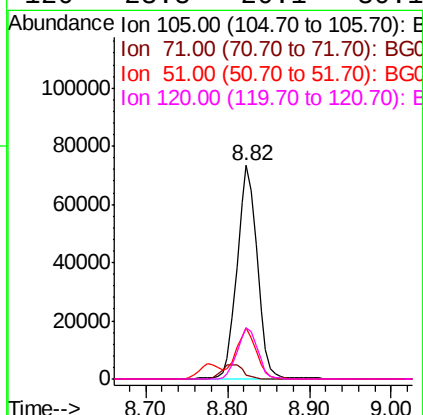
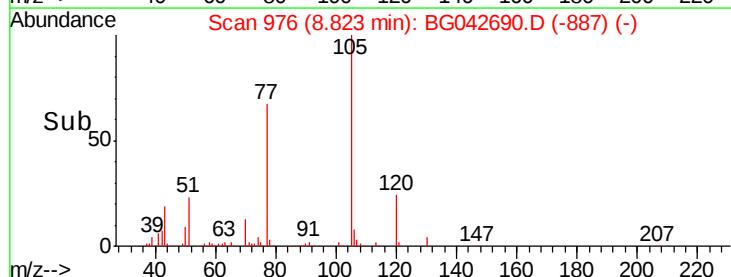
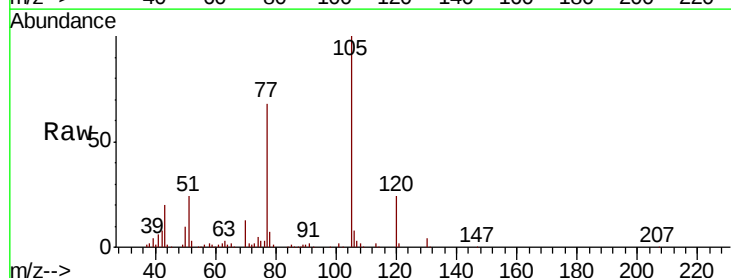
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#22
Acetophenone
Concen: 41.405 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG042690.D
Acq: 3 Sep 2019 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	126734		
71	2.1	2.8	4.2	
51	23.7	18.7	28.1	
120	23.8	20.1	30.1	





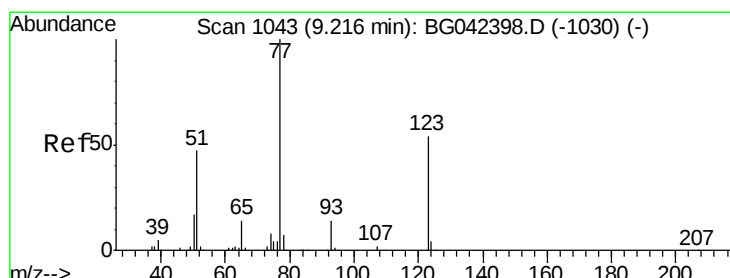
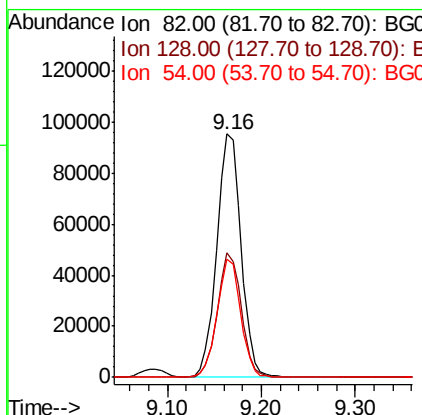
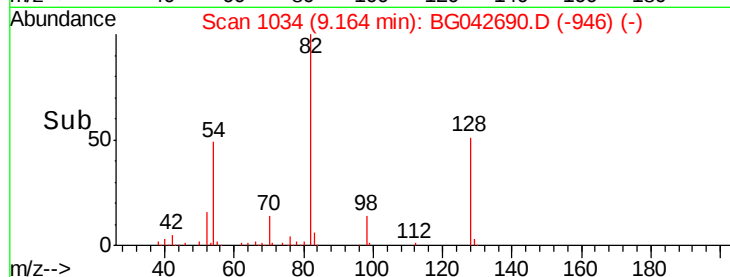
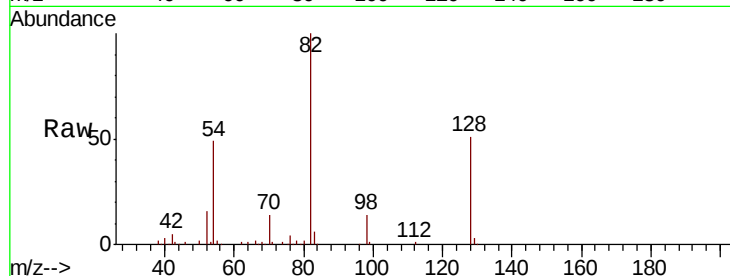
#23
 Nitrobenzene-d5
 Concen: 83.521 ng
 RT: 9.16 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BG042690.D
 Acq: 3 Sep 2019 15:56

Instrument :
 BNA_G
 ClientSampleId :
 SB-13-(13-15)MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	51.2	40.7	61.1
54	48.5	36.3	54.5

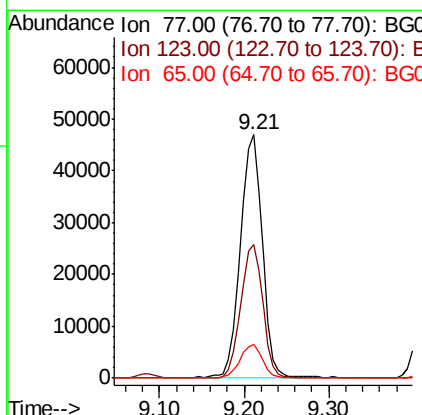
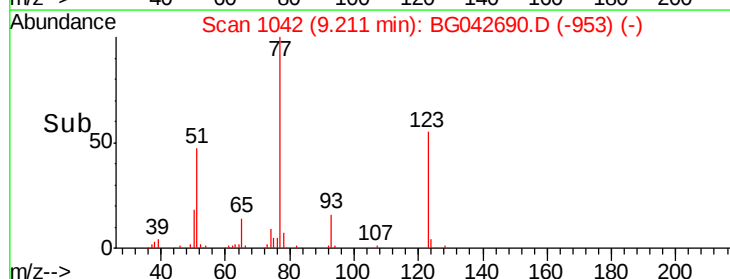
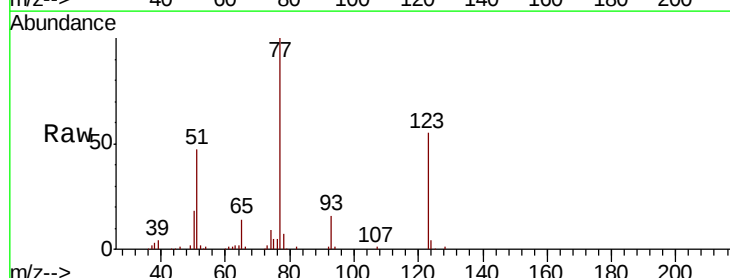
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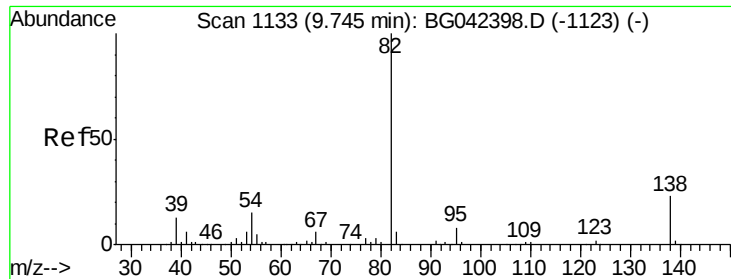
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#24
 Nitrobenzene
 Concen: 40.188 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BG042690.D
 Acq: 3 Sep 2019 15:56

Tgt Ion	Ratio	Lower	Upper
77	100		
123	55.0	43.4	65.0
65	13.8	11.0	16.6





#25

Isophorone

Concen: 38.149 ng

RT: 9.73 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BG042690.D

Acq: 3 Sep 2019 15:56

Instrument :

BNA_G

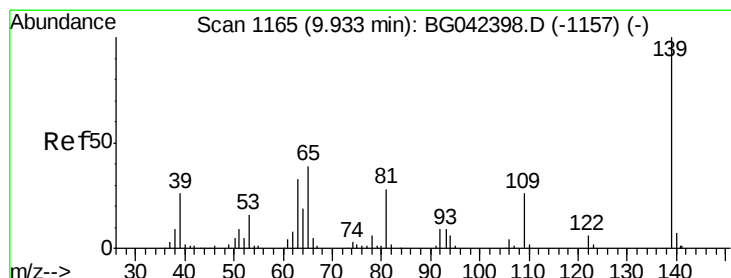
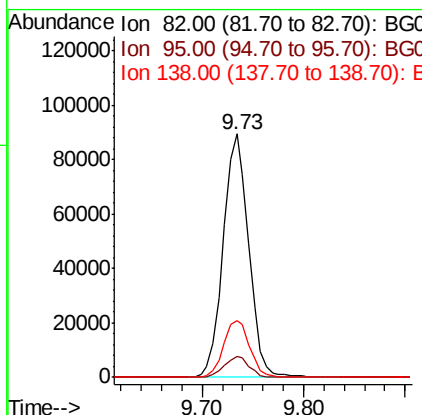
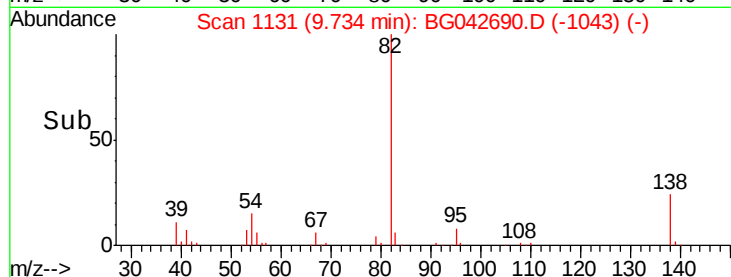
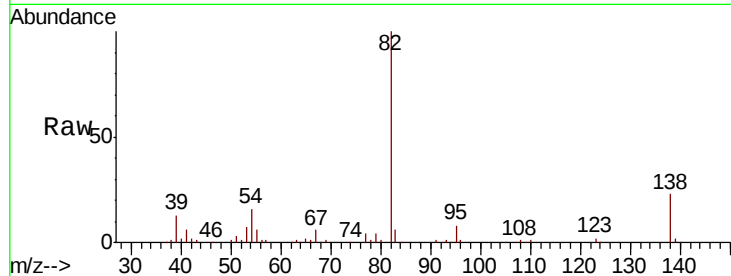
ClientSampleId :

SB-13-(13-15)MS

Tot Ion:	82	Resp:	155915
Ion Ratio	Lower	Upper	
82	100		
95	8.3	6.6	9.8
138	23.4	18.6	27.8

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#26

2-Nitrophenol

Concen: 42.331 ng

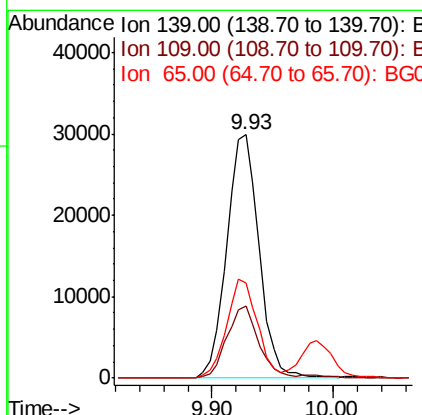
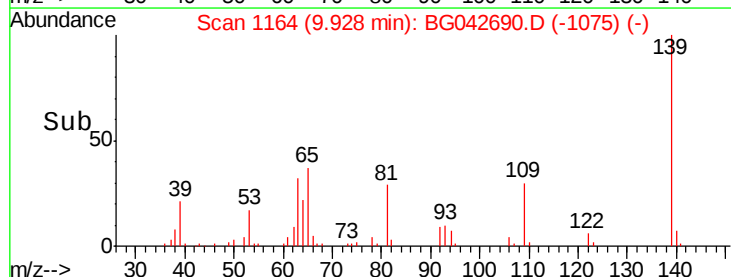
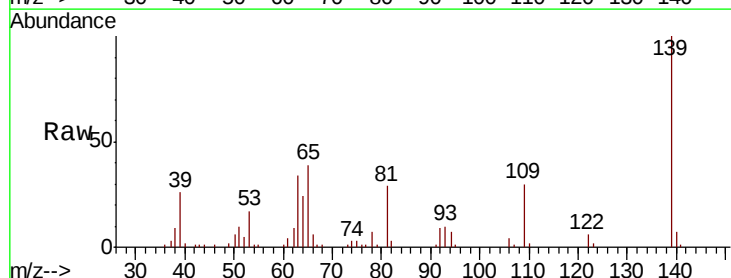
RT: 9.93 min Scan# 1164

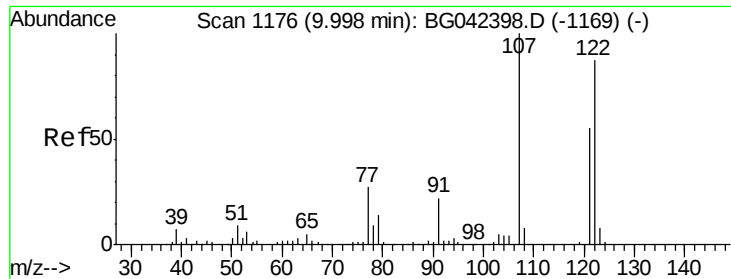
Delta R.T. -0.01 min

Lab File: BG042690.D

Acq: 3 Sep 2019 15:56

Tgt Ion:	139	Resp:	55631
Ion Ratio	Lower	Upper	
139	100		
109	29.7	20.5	30.7
65	38.9	30.9	46.3





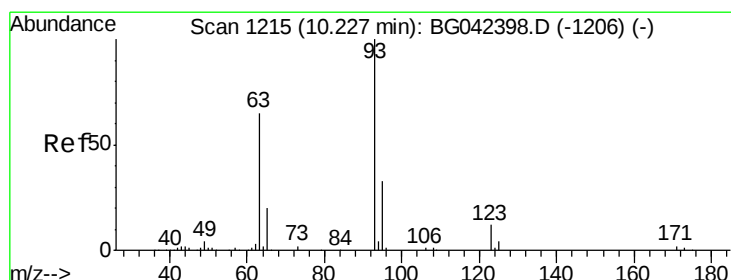
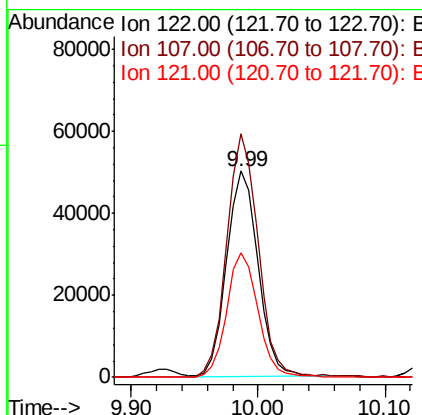
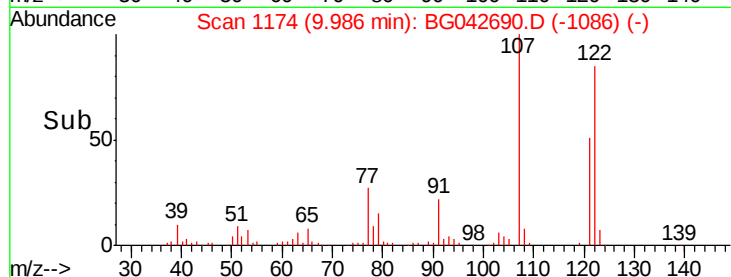
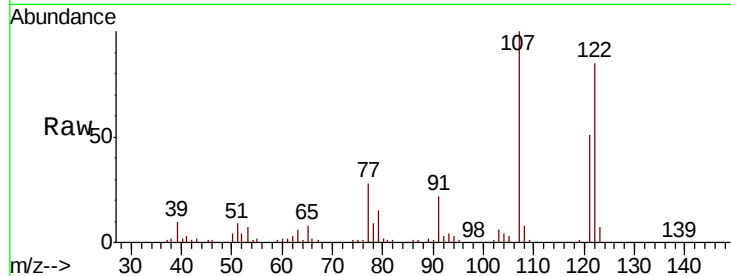
#27
2,4-Dimethylphenol
Concen: 47.548 ng
RT: 9.99 min Scan# 1174
Delta R.T. -0.01 min
Lab File: BG042690.D
Acq: 3 Sep 2019 15:56

Instrument :
BNA_G
ClientSampleId :
SB-13-(13-15)MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	118.1	90.8	136.2
121	60.7	49.6	74.4

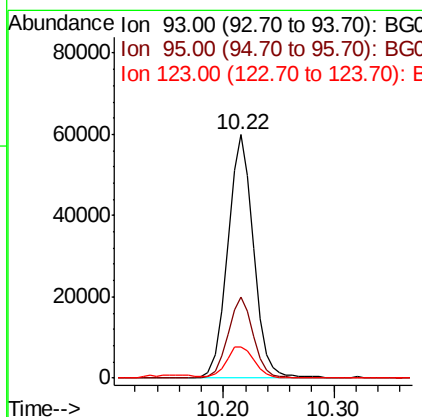
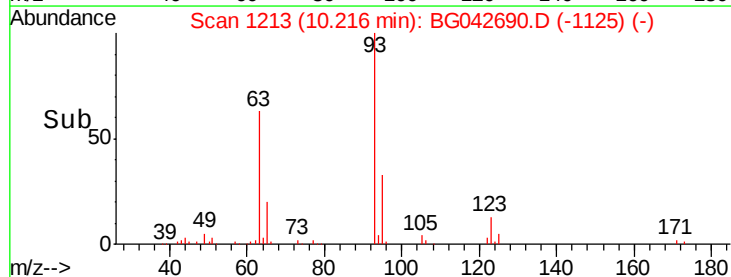
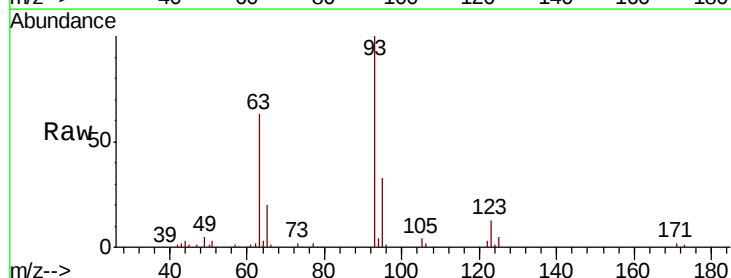
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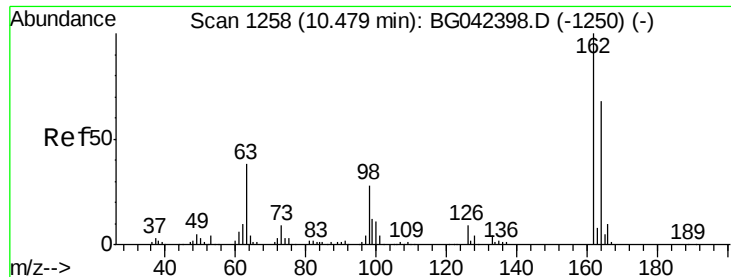
mohammad
9/6/2019 8:17:29 AM



#28
bis(2-Chloroethoxy)methane
Concen: 38.109 ng
RT: 10.22 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BG042690.D
Acq: 3 Sep 2019 15:56

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	26.6	40.0
123	12.9	10.1	15.1





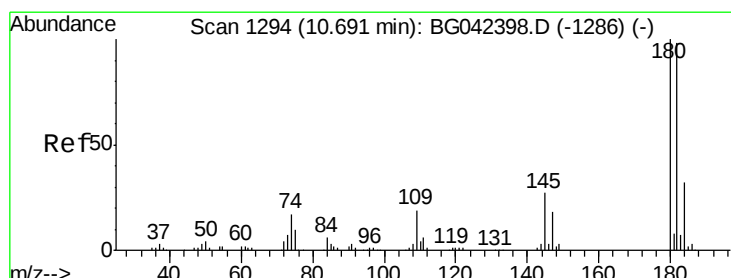
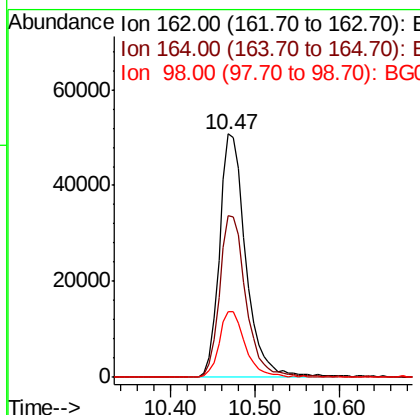
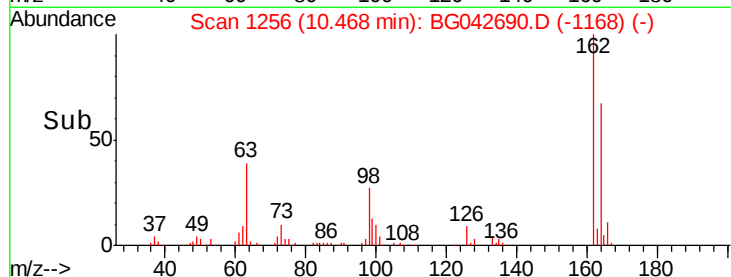
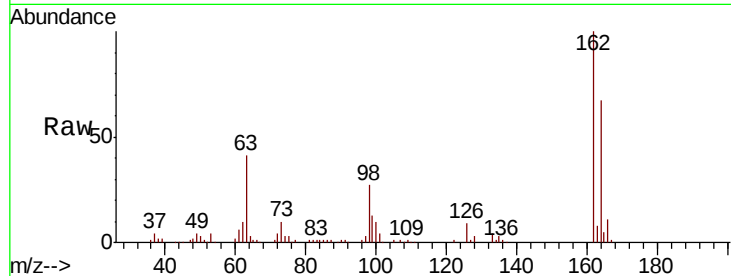
#29
2,4-Dichlorophenol
Concen: 46.304 ng
RT: 10.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BG042690.D
Acq: 3 Sep 2019 15:56

Instrument :
BNA_G
ClientSampleId :
SB-13-(13-15)MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	109670		
164	66.5	48.1	88.1	
98	27.1	7.6	47.6	

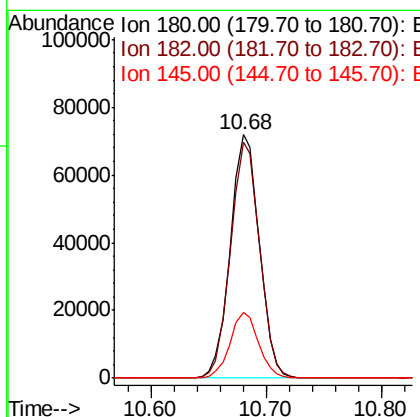
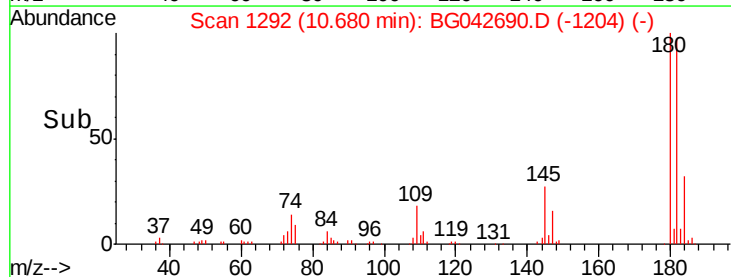
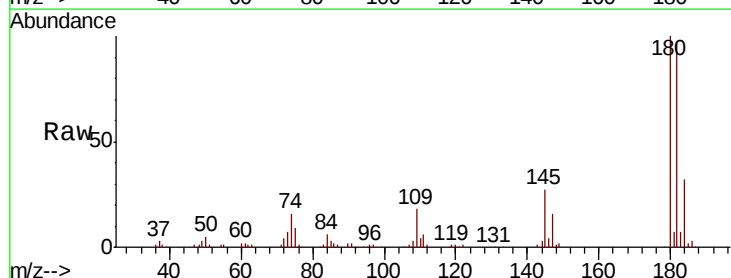
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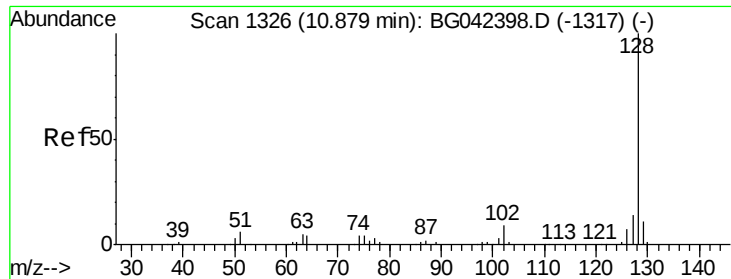
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#30
1,2,4-Trichlorobenzene
Concen: 43.122 ng
RT: 10.68 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BG042690.D
Acq: 3 Sep 2019 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	125362		
182	96.9	78.7	118.1	
145	27.1	21.6	32.4	





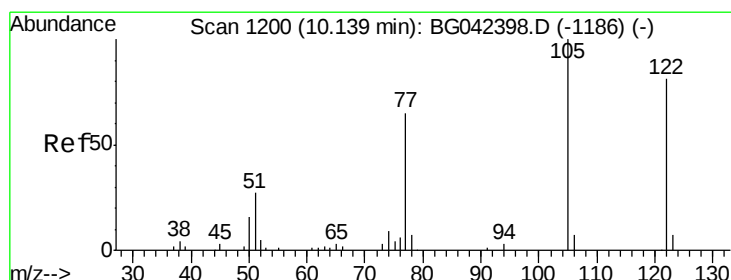
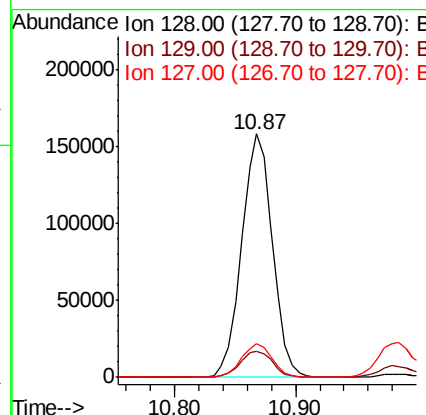
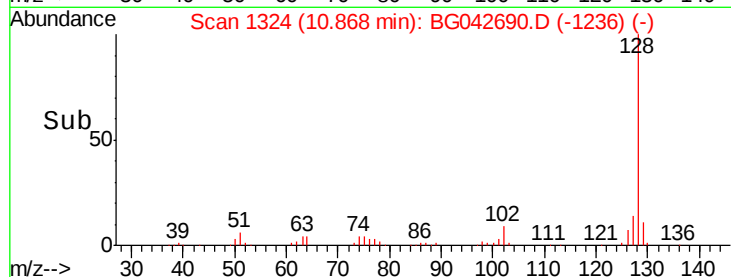
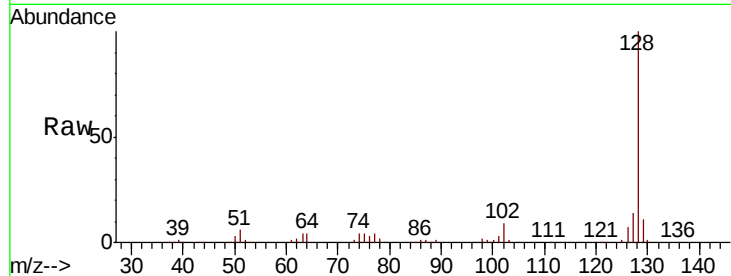
#31
Naphthalene
Concen: 42.165 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG042690.D
Acq: 3 Sep 2019 15:56

Instrument :
BNA_G
ClientSampleId :
SB-13-(13-15)MS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	280149		
129	10.9		8.8	13.2
127	14.0		11.4	17.0

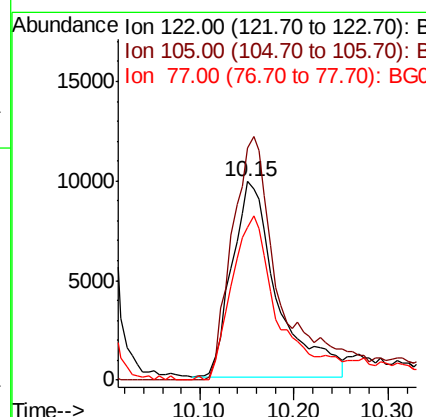
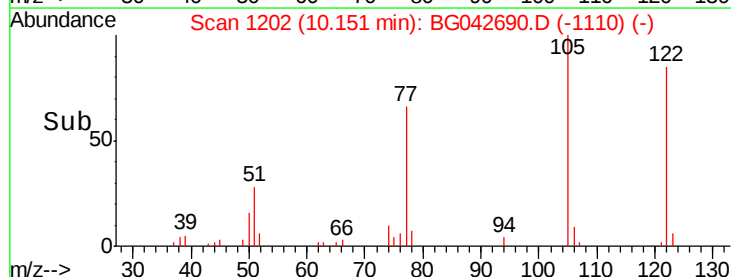
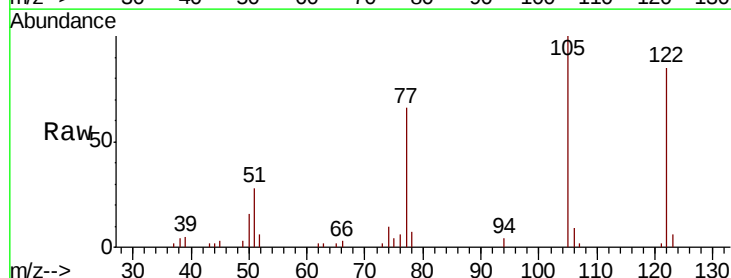
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#32
Benzoic acid
Concen: 29.020 ng
RT: 10.15 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BG042690.D
Acq: 3 Sep 2019 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	33013		
105	117.2		99.6	139.6
77	77.0		59.5	99.5





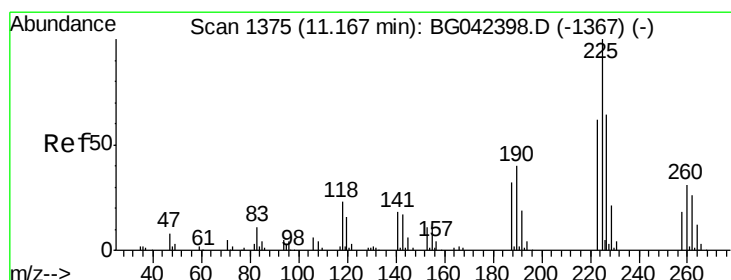
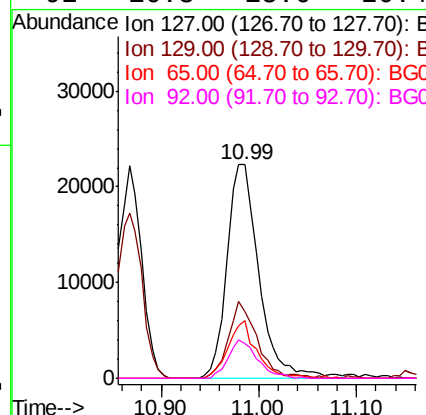
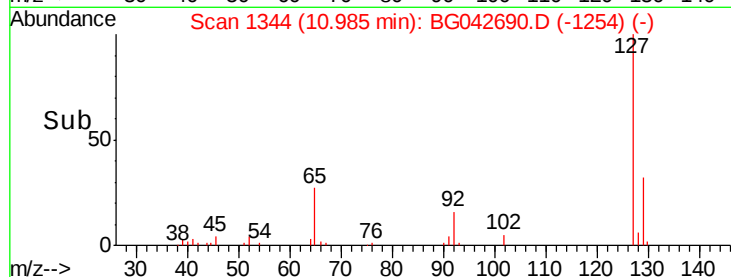
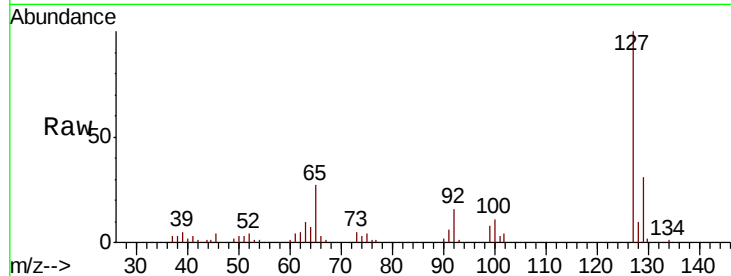
#33
4-Chloroaniline
Concen: 16.565 ng
RT: 10.99 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BG042690.D
Acq: 3 Sep 2019 15:56

Instrument :
BNA_G
ClientSampleId :
SB-13-(13-15)MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.3	26.8	40.2
65	26.8	20.7	31.1
92	16.3	13.6	20.4

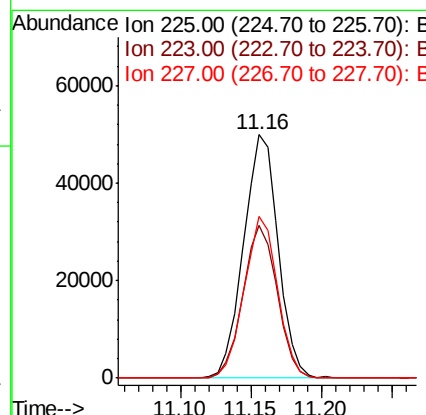
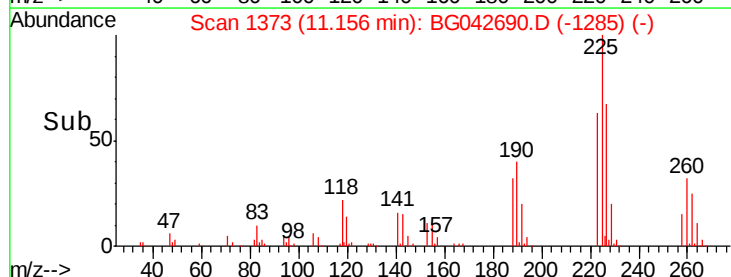
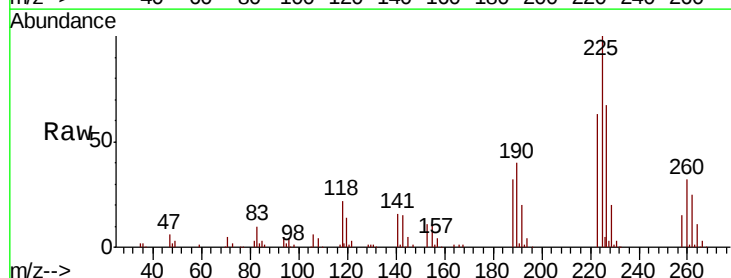
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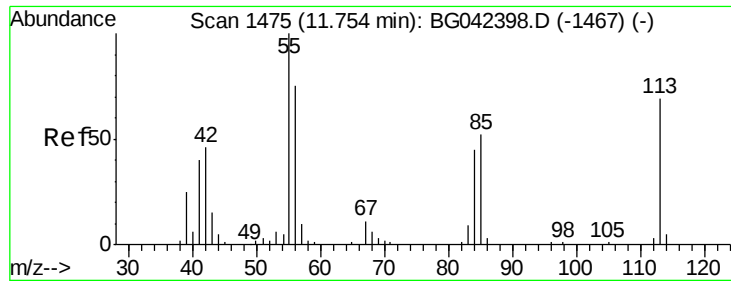
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#34
Hexachlorobutadiene
Concen: 43.748 ng
RT: 11.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BG042690.D
Acq: 3 Sep 2019 15:56

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	49.8	74.6
227	66.6	50.9	76.3





#35

Caprolactam

Concen: 40.600 ng/mL

RT: 11.76 min Scan# 1476

Delta R.T. 0.01 min

Lab File: BG042690.D

Acq: 3 Sep 2019 15:56

Instrument :

BNA_G

ClientSampleId :

SB-13-(13-15)MS

Tot Ion:113 Resp: 32087

Ion Ratio Lower Upper

113 100

55 128.7 124.6 164.6

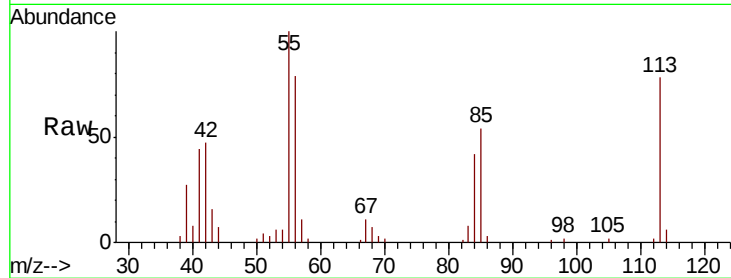
56 101.1 88.3 128.3

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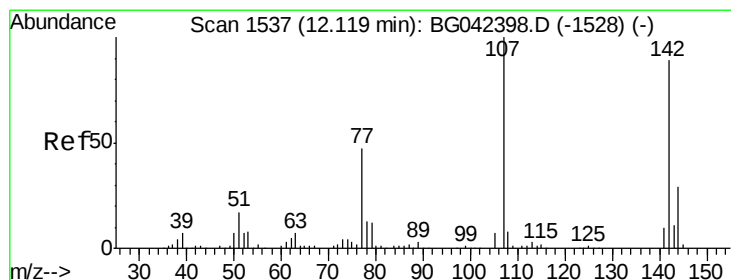
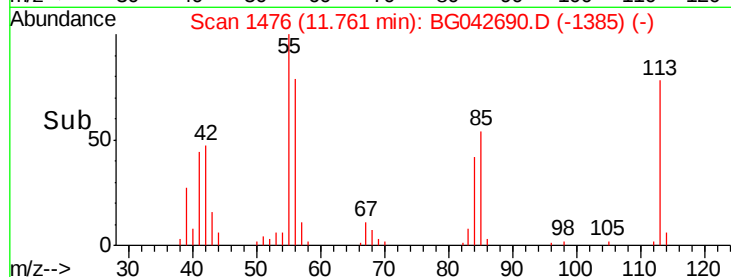


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG042398.D (-1467) (-)

Ion 56.00 (55.70 to 56.70): BG042398.D (-1467) (-)

Time-->



#36

4-Chloro-3-methylphenol

Concen: 44.320 ng/mL

RT: 12.11 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BG042690.D

Acq: 3 Sep 2019 15:56

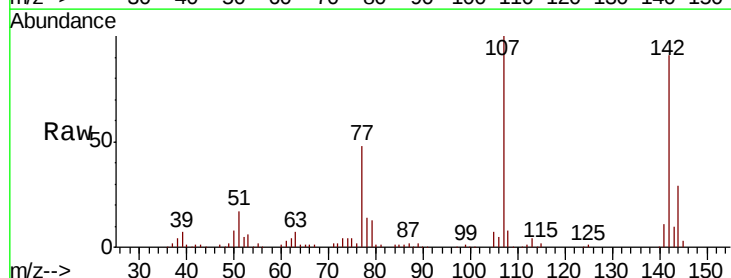
Tgt Ion:107 Resp: 99650

Ion Ratio Lower Upper

107 100

144 28.8 23.6 35.4

142 90.5 71.0 106.4

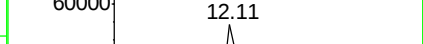
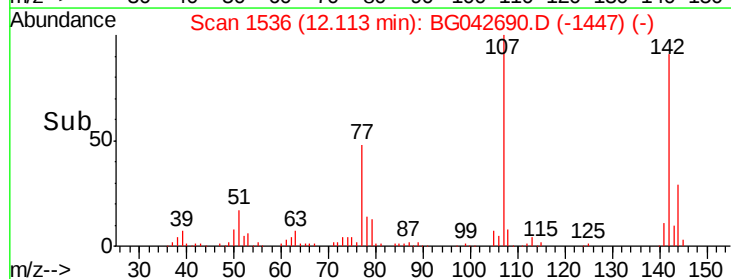


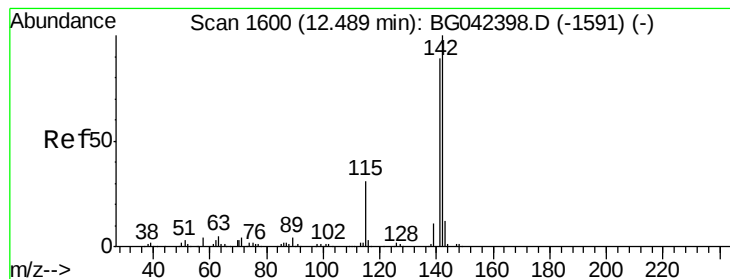
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

Time-->





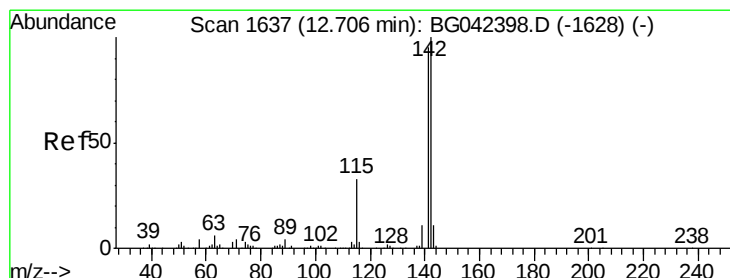
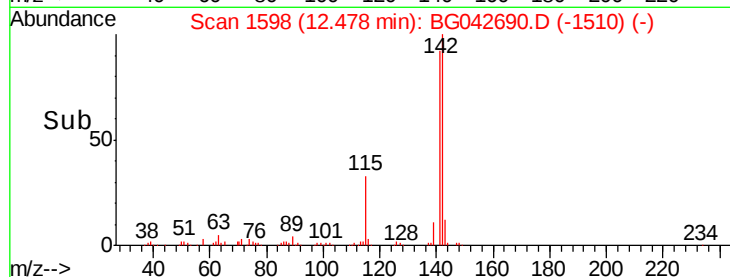
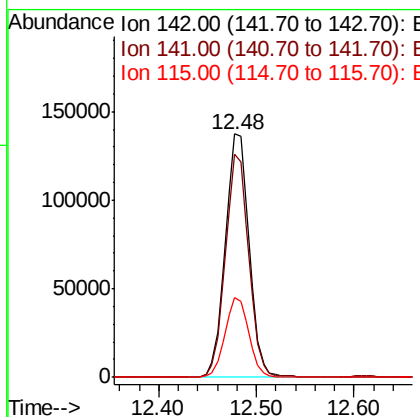
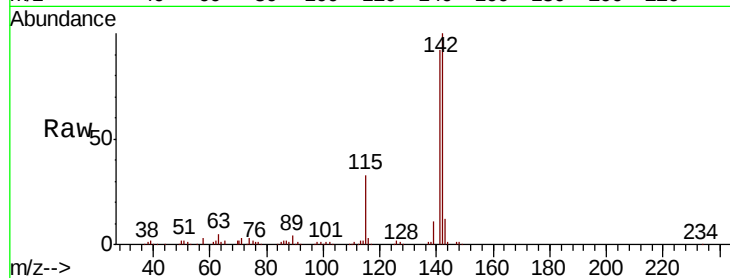
#37
2-Methylnaphthalene
Concen: 43.644 ng
RT: 12.48 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BG042690.D
Acq: 3 Sep 2019 15:56

Instrument :
BNA_G
ClientSampleId :
SB-13-(13-15)MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.8	71.4	107.2
115	32.9	25.2	37.8

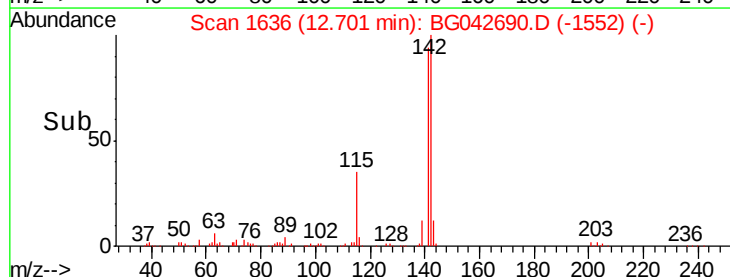
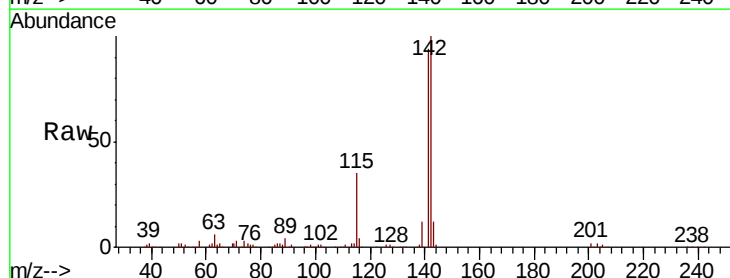
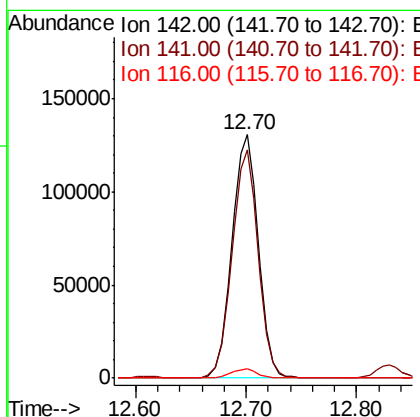
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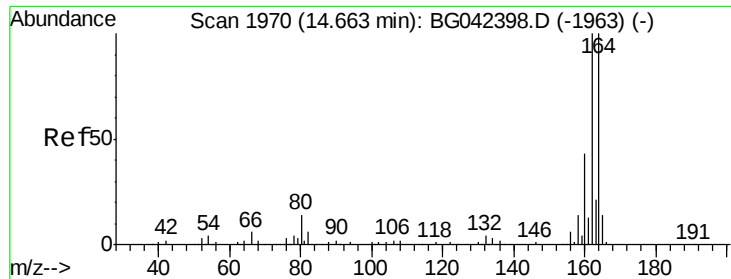
mohammad
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#38
1-Methylnaphthalene
Concen: 43.153 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.01 min
Lab File: BG042690.D
Acq: 3 Sep 2019 15:56

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.9	76.2	114.2
116	3.8	2.8	4.2





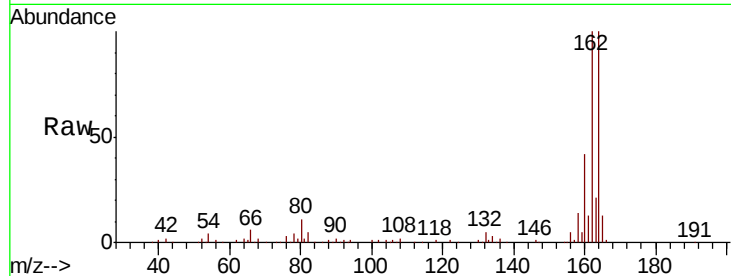
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG042690.D
Acq: 3 Sep 2019 15:56

Instrument :
BNA_G
ClientSampleId :
SB-13-(13-15)MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.8	79.9	119.9
160	42.1	34.3	51.5

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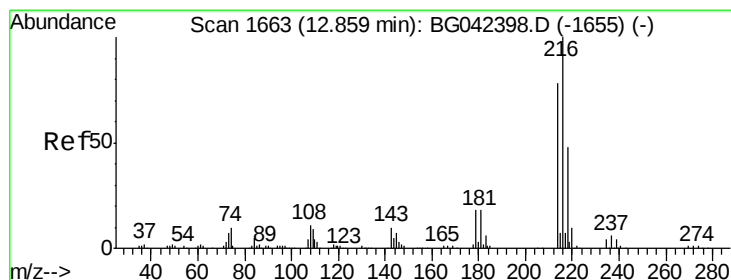
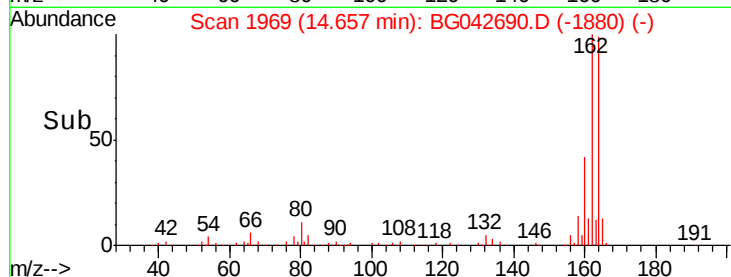
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

Time-->



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.339 ng
RT: 12.85 min Scan# 1662
Delta R.T. -0.01 min
Lab File: BG042690.D
Acq: 3 Sep 2019 15:56

Tgt Ion	Ratio	Lower	Upper
216	100		
214	75.5	61.4	92.2
179	18.8	15.1	22.7
108	11.8	9.4	14.0

Abundance

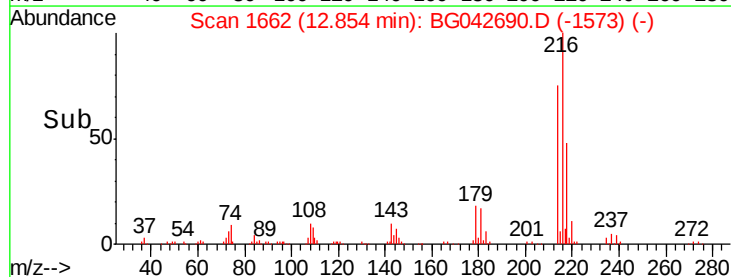
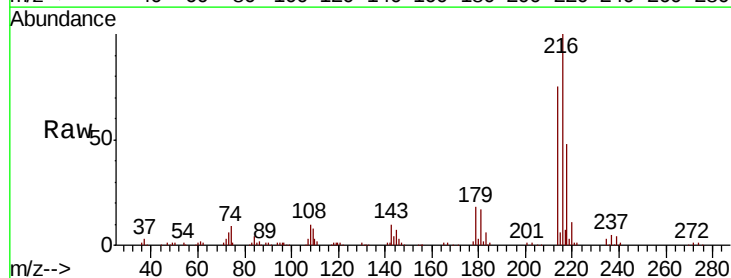
Ion 216.00 (215.70 to 216.70): E

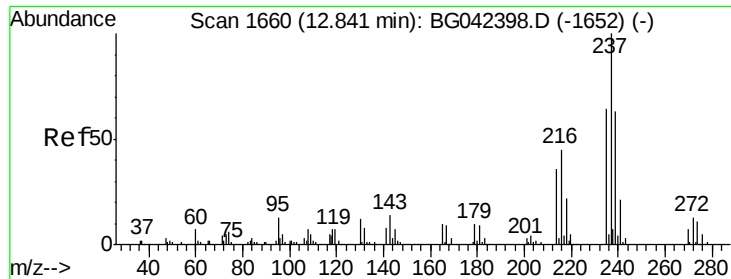
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

Time-->





#41

Hexachlorocyclopentadiene

Concen: 68.035 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.01 min

Lab File: BG042690.D

Acq: 3 Sep 2019 15:56

Instrument :

BNA_G

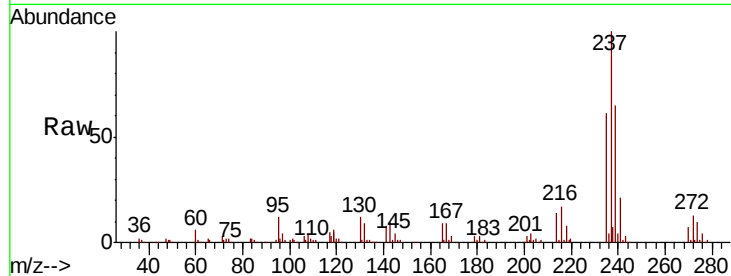
ClientSampleId :

SB-13-(13-15)MS

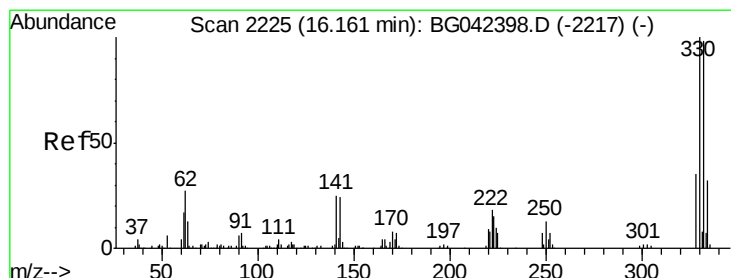
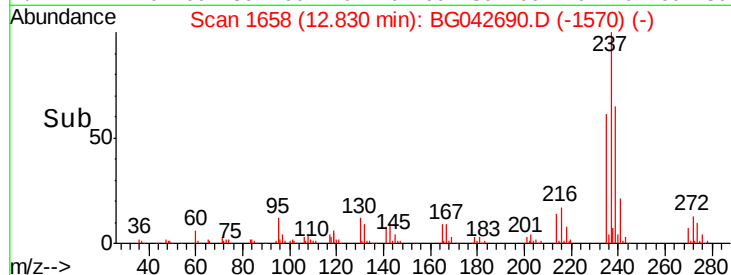
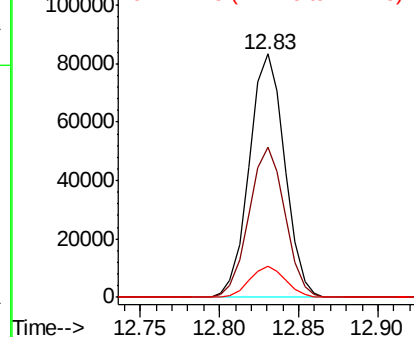
Tot Ion:	237	Resp:	129567
Ion Ratio	Lower	Upper	
237	100		
235	61.5	43.7	83.7
272	12.6	0.0	33.3

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



#42

2,4,6-Tribromophenol

Concen: 136.881 ng

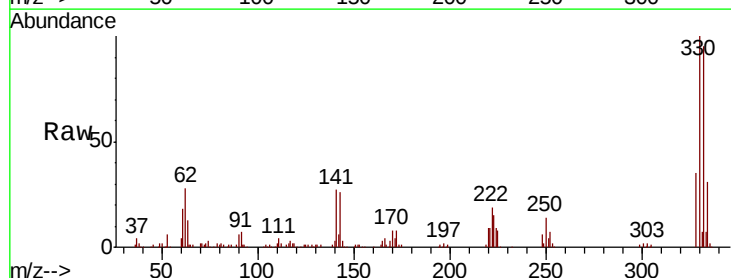
RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

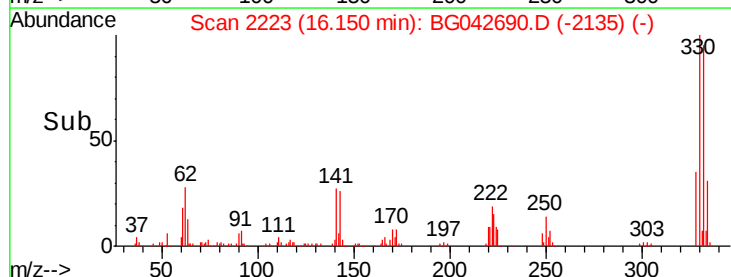
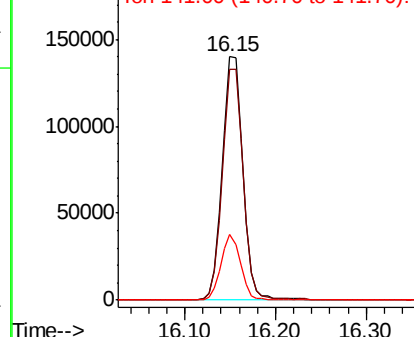
Lab File: BG042690.D

Acq: 3 Sep 2019 15:56

Tgt Ion:	330	Resp:	219644
Ion Ratio	Lower	Upper	
330	100		
332	95.3	77.4	116.0
141	25.9	21.4	32.0



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





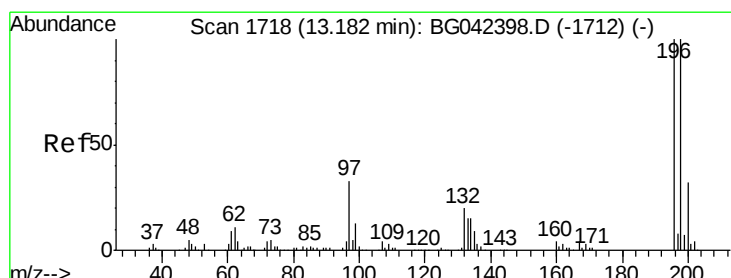
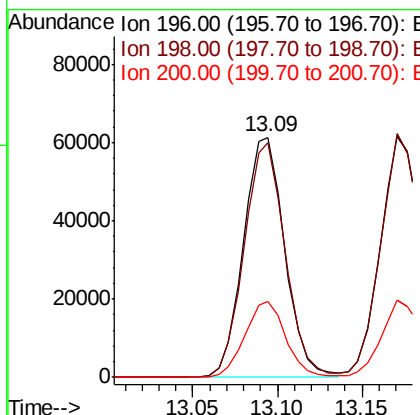
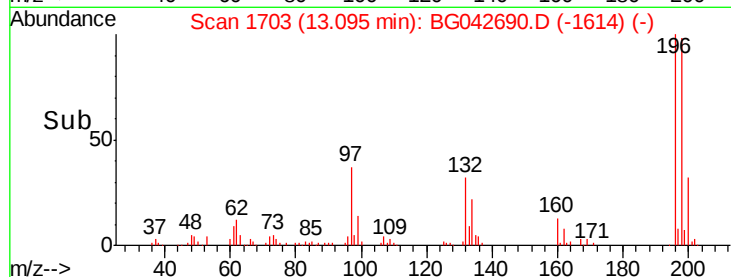
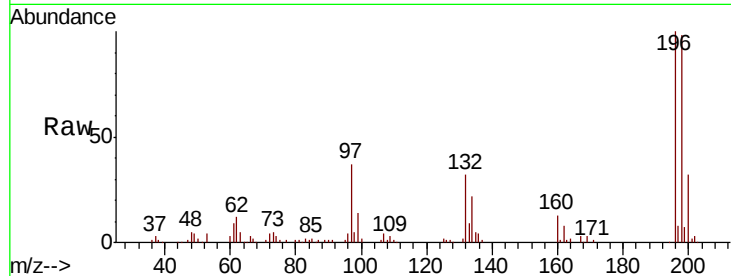
#43
 2,4,6-Trichlorophenol
 Concen: 42.541 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG042690.D
 Acq: 3 Sep 2019 15:56

Instrument :
 BNA_G
 ClientSampleId :
 SB-13-(13-15)MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	104252		
198	97.9	80.7	121.1	
200	31.7	25.7	38.5	

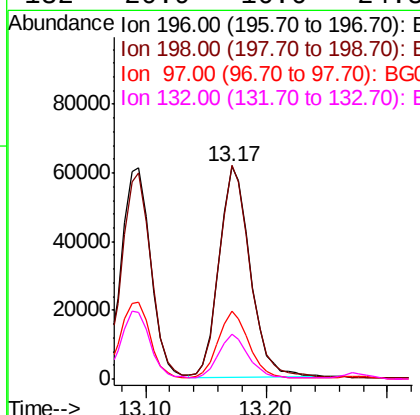
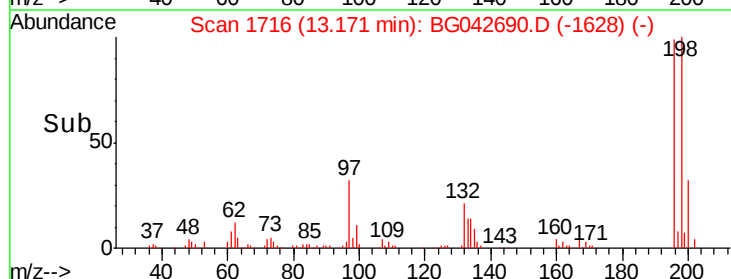
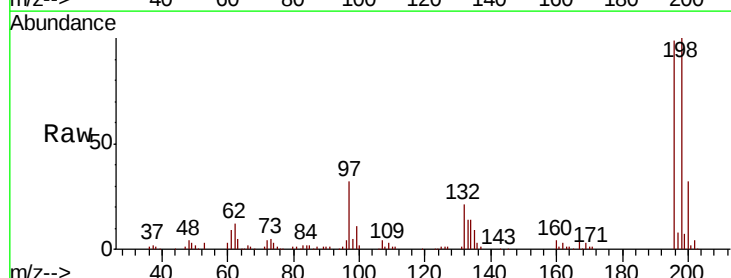
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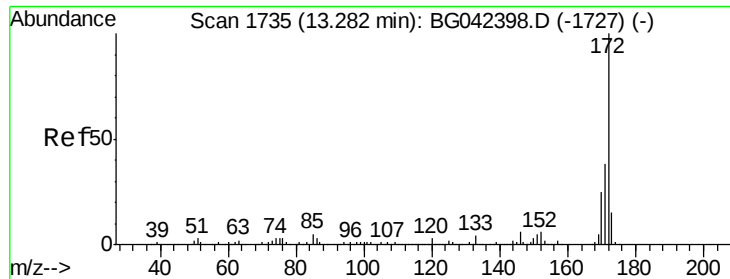
mohammad
 9/6/2019 8:17:29 AM



#44
 2,4,5-Trichlorophenol
 Concen: 43.315 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG042690.D
 Acq: 3 Sep 2019 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	109999		
198	100.8	80.2	120.4	
97	32.2	26.3	39.5	
132	20.9	16.6	24.8	





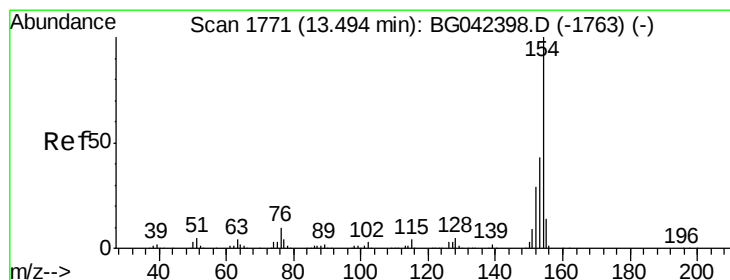
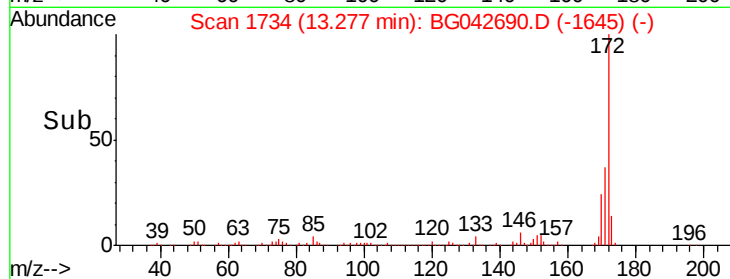
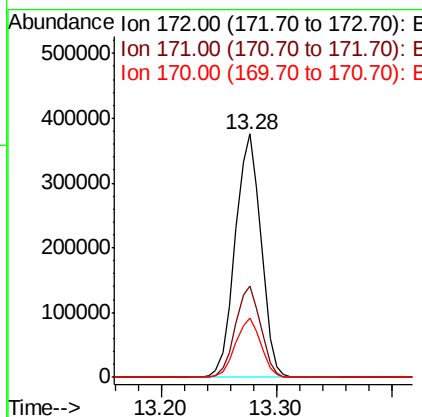
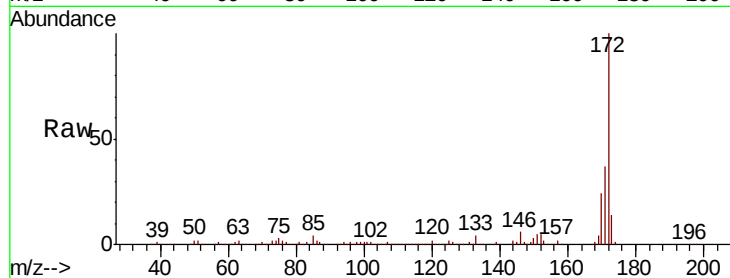
#45
2-Fluorobiphenyl
Concen: 86.705 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG042690.D
Acq: 3 Sep 2019 15:56

Instrument :
BNA_G
ClientSampleId :
SB-13-(13-15)MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.5	45.7
170	24.1	20.2	30.2

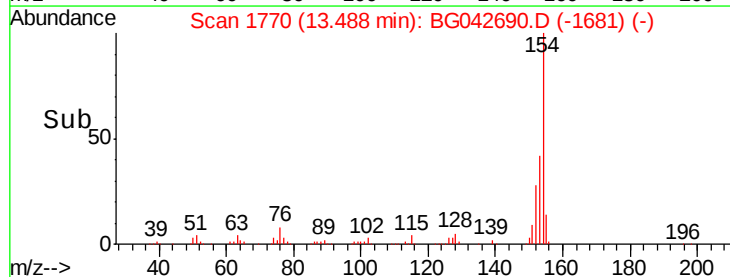
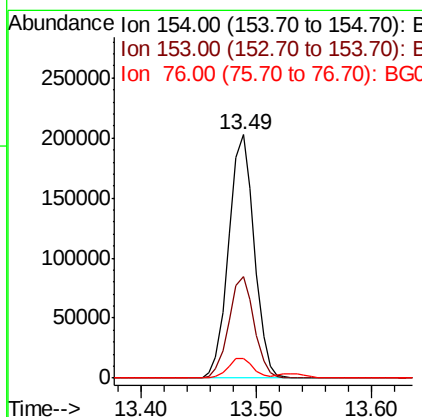
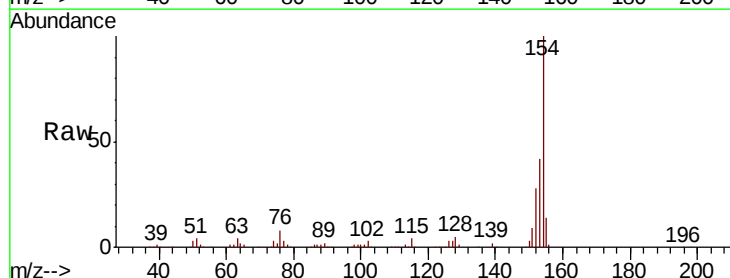
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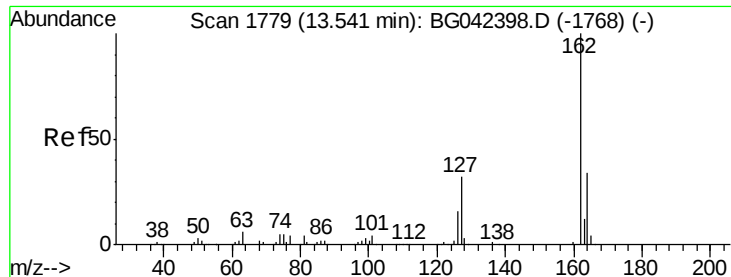
mohammad
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#46
1,1'-Biphenyl
Concen: 42.559 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.01 min
Lab File: BG042690.D
Acq: 3 Sep 2019 15:56

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.8	23.0	63.0
76	8.0	0.0	29.6





#47

2-Chloronaphthalene

Concen: 41.380 ng

RT: 13.53 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BG042690.D

Acq: 3 Sep 2019 15:56

Instrument :

BNA_G

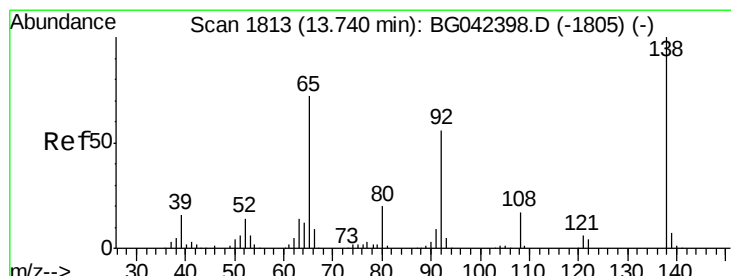
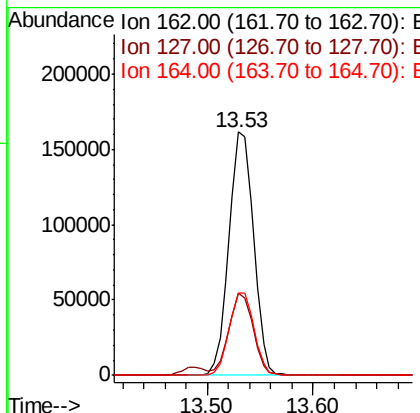
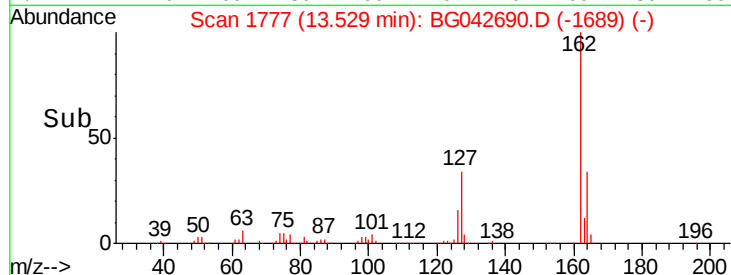
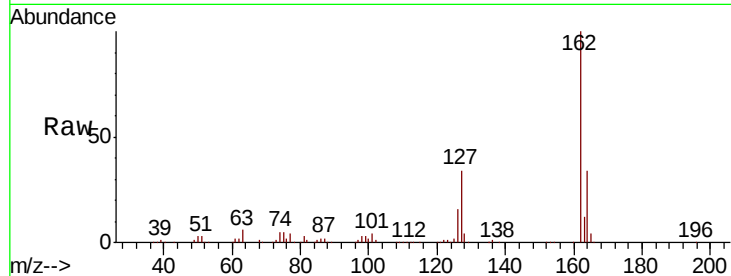
ClientSampleId :

SB-13-(13-15)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
127	33.7	26.0	39.0		
164	33.6	27.4	41.0		

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#48

2-Nitroaniline

Concen: 37.081 ng

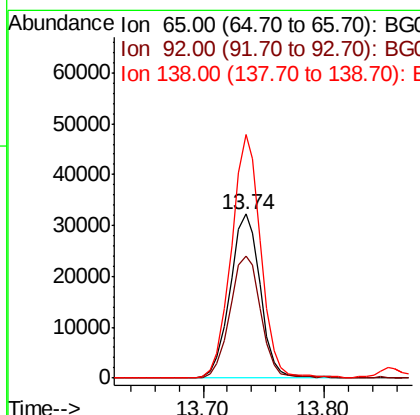
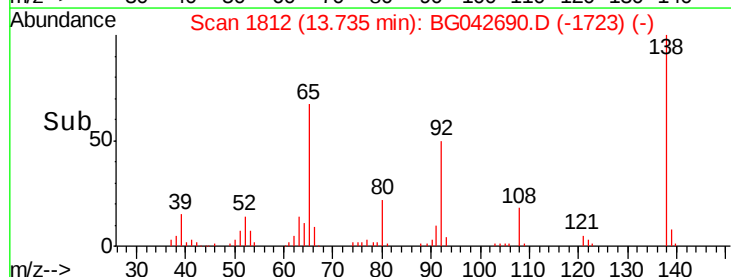
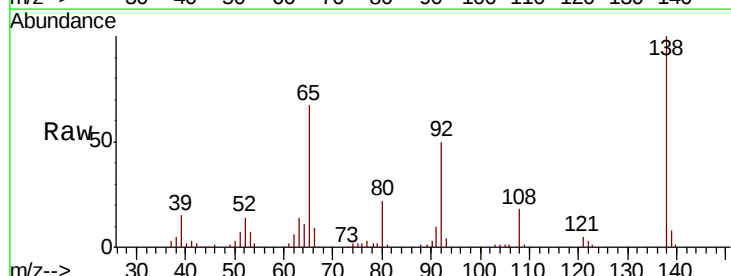
RT: 13.74 min Scan# 1812

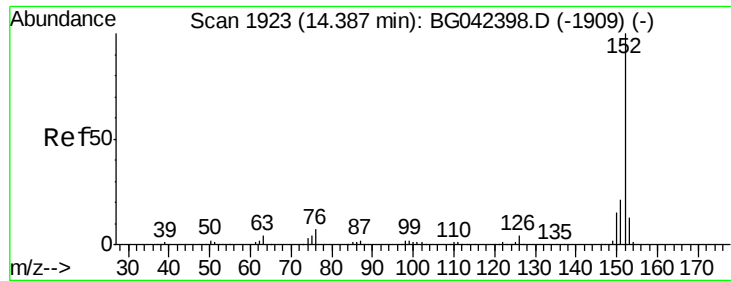
Delta R.T. -0.01 min

Lab File: BG042690.D

Acq: 3 Sep 2019 15:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100				
92	74.2	61.8	92.6		
138	148.6	111.0	166.6		





#49

Acenaphthylene

Concen: 43.118 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BG042690.D

Acq: 3 Sep 2019 15:56

Instrument :

BNA_G

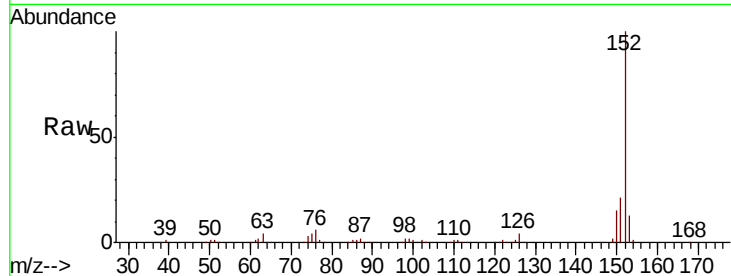
ClientSampleId :

SB-13-(13-15)MS

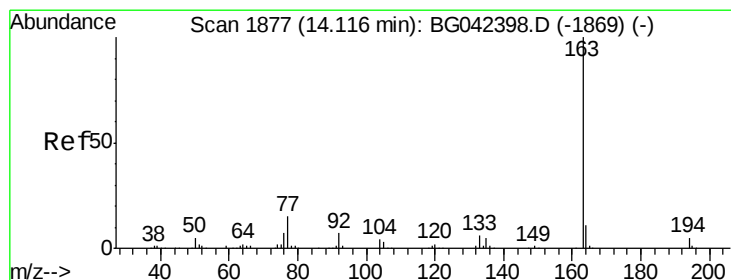
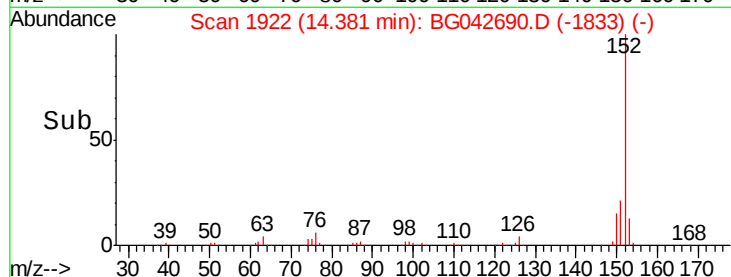
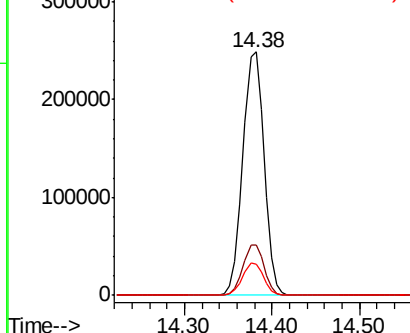
Tot Ion:	152	Resp:	408194
Ion Ratio		Lower	Upper
152	100		
151	20.8	17.0	25.4
153	13.0	10.6	16.0

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



#50

Dimethylphthalate

Concen: 44.894 ng

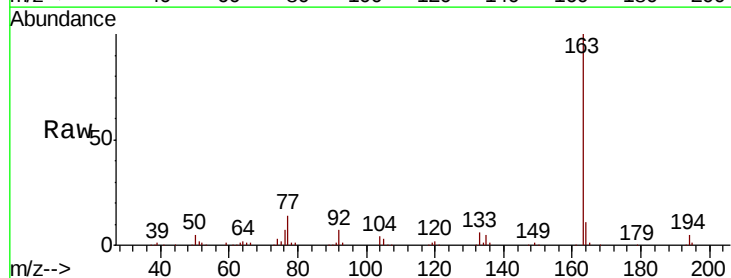
RT: 14.11 min Scan# 1876

Delta R.T. -0.01 min

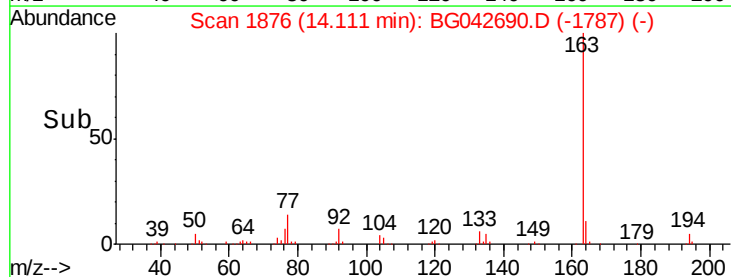
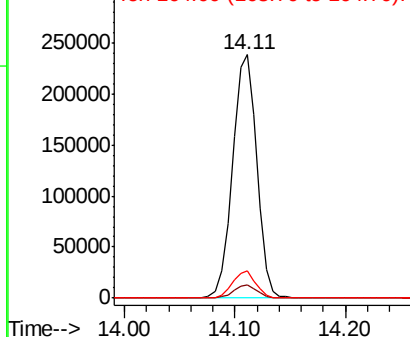
Lab File: BG042690.D

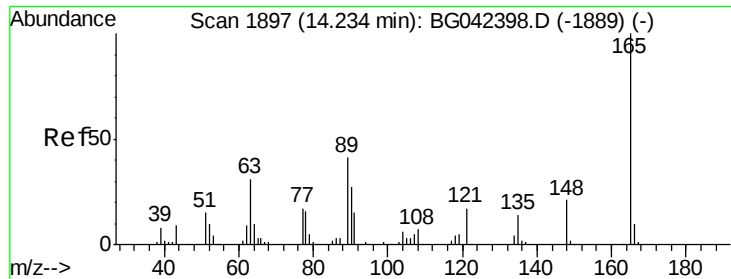
Acq: 3 Sep 2019 15:56

Tgt Ion:	163	Resp:	365698
Ion Ratio		Lower	Upper
163	100		
194	5.3	4.2	6.2
164	11.0	8.8	13.2



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





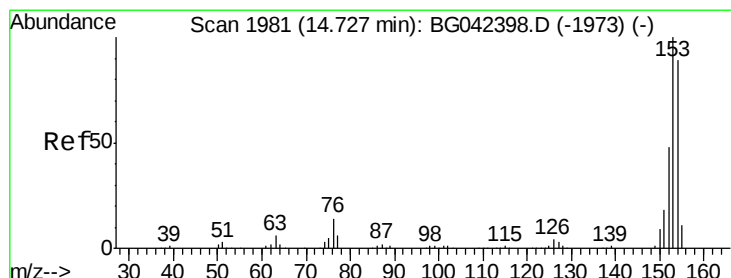
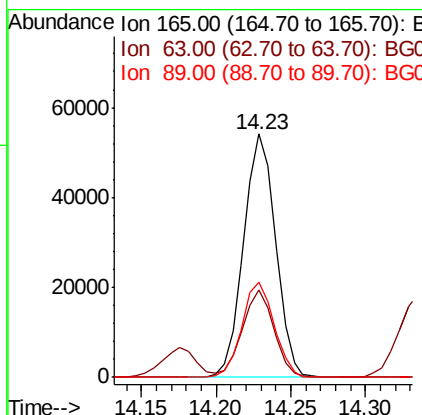
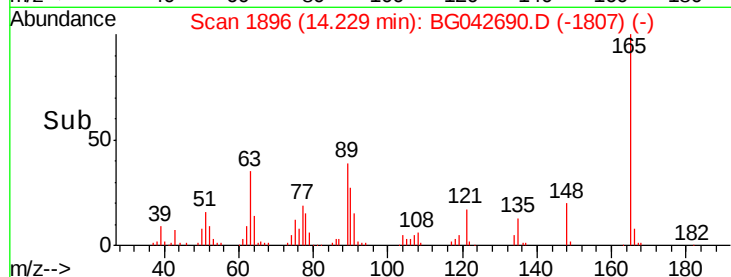
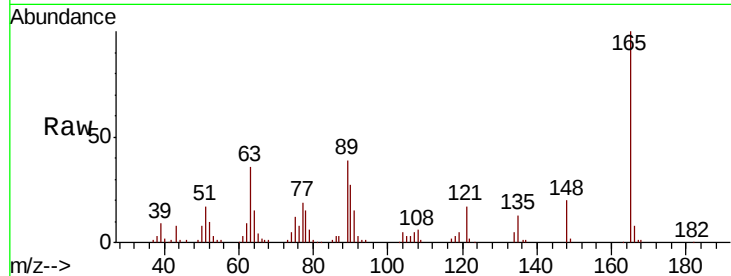
#51
2,6-Dinitrotoluene
Concen: 42.553 ng
RT: 14.23 min Scan# 1896
Delta R.T. -0.01 min
Lab File: BG042690.D
Acq: 3 Sep 2019 15:56

Instrument :
BNA_G
ClientSampleId :
SB-13-(13-15)MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	35.9	30.6	45.8
89	38.8	32.6	49.0

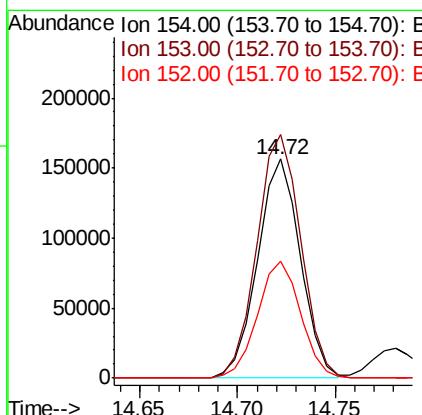
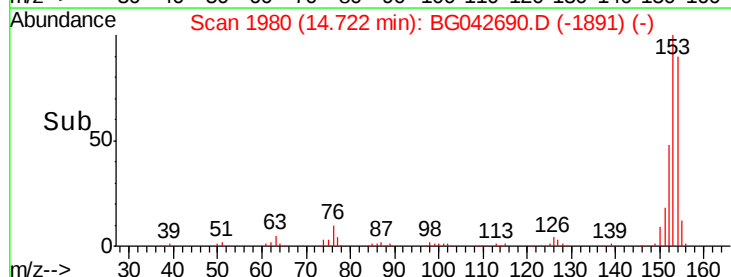
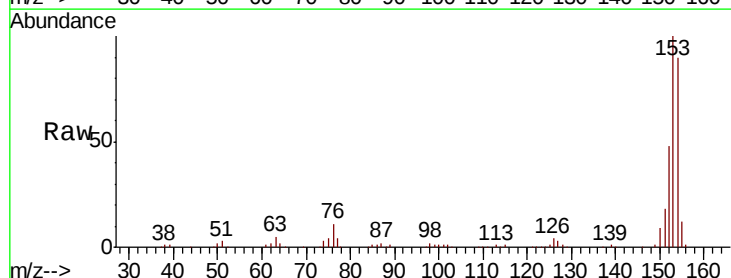
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#52
Acenaphthene
Concen: 41.183 ng
RT: 14.72 min Scan# 1980
Delta R.T. -0.01 min
Lab File: BG042690.D
Acq: 3 Sep 2019 15:56

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.1	90.2	135.4
152	53.5	43.2	64.8





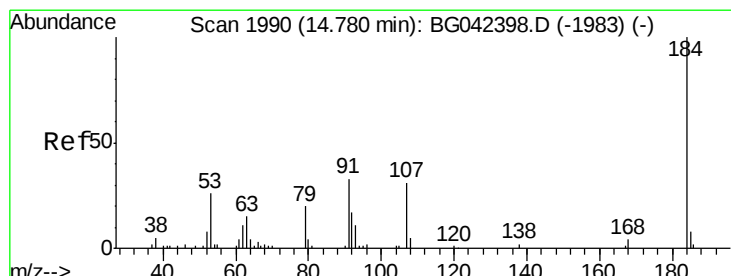
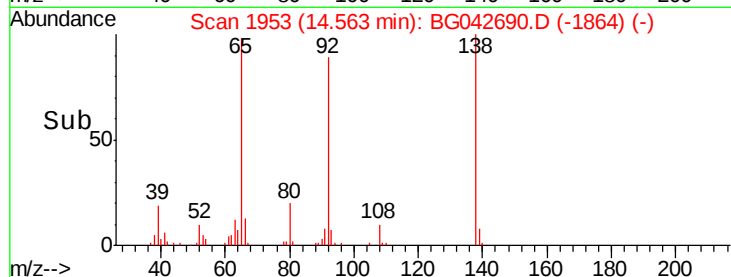
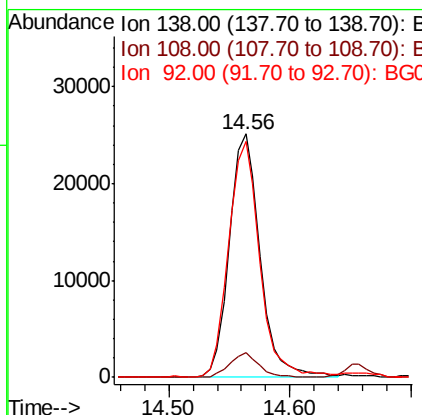
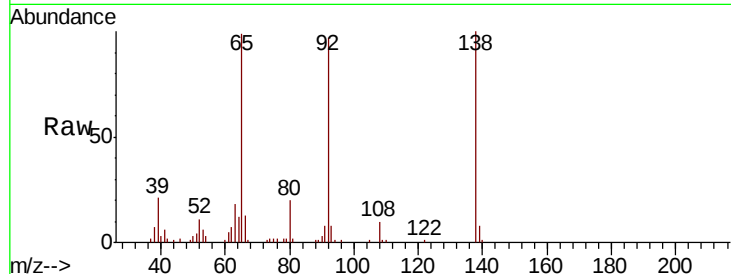
#53
3-Nitroaniline
Concen: 23.640 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BG042690.D
Acq: 3 Sep 2019 15:56

Instrument :
BNA_G
ClientSampleId :
SB-13-(13-15)MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.1	8.3	12.5
92	97.0	78.2	117.4

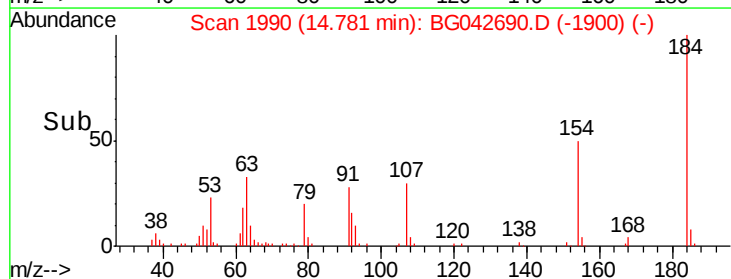
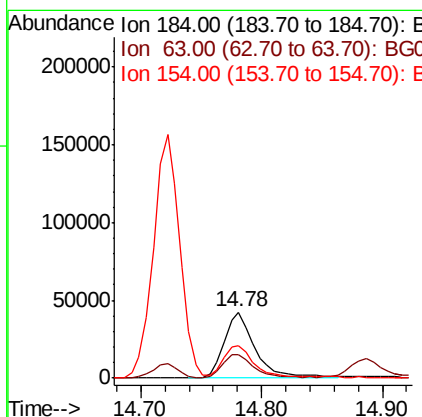
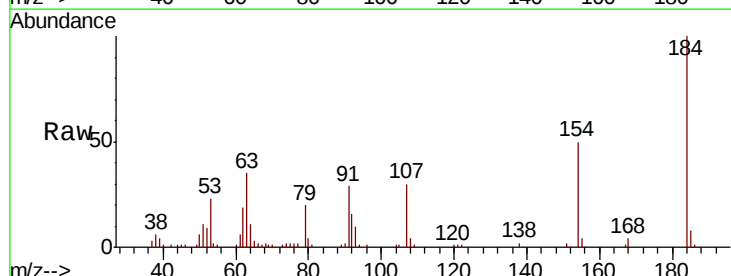
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#54
2,4-Dinitrophenol
Concen: 60.892 ng
RT: 14.78 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BG042690.D
Acq: 3 Sep 2019 15:56

Tgt Ion	Ratio	Lower	Upper
184	100		
63	35.1	31.7	47.5
154	49.6	42.0	63.0





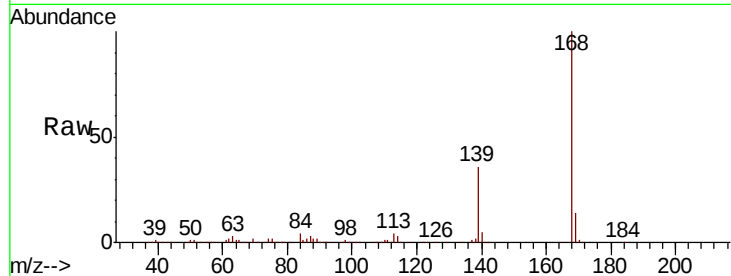
#55
Dibenzofuran
Concen: 44.219 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BG042690.D
Acq: 3 Sep 2019 15:56

Instrument :
BNA_G
ClientSampleId :
SB-13-(13-15)MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.6	27.2	40.8
169	13.8	11.5	17.3

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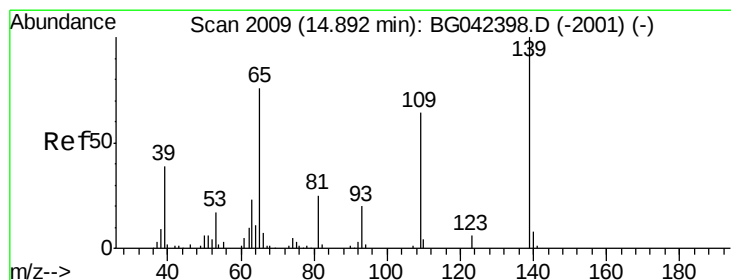
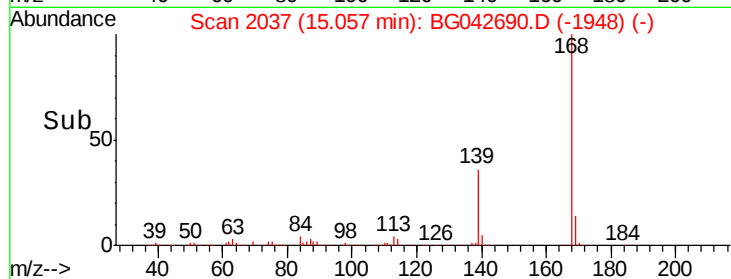
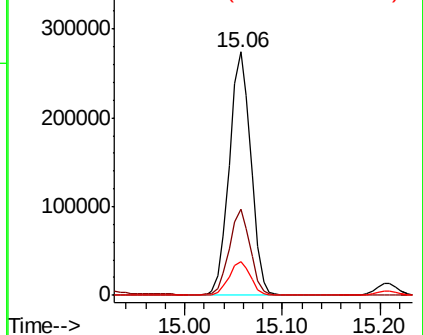


Abundance

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: 80.704 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BG042690.D
Acq: 3 Sep 2019 15:56

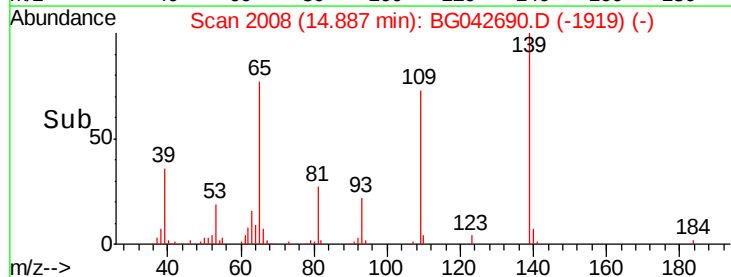
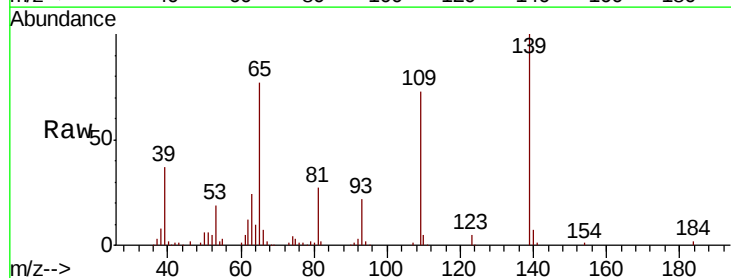
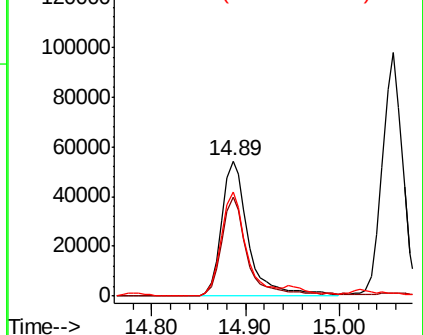
Tgt Ion	Ratio	Lower	Upper
139	100		
109	73.0	43.9	83.9
65	77.1	56.3	96.3

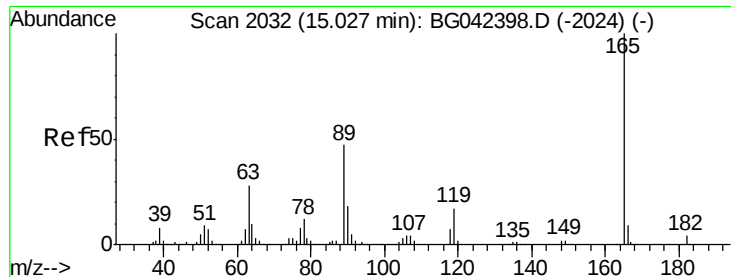
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





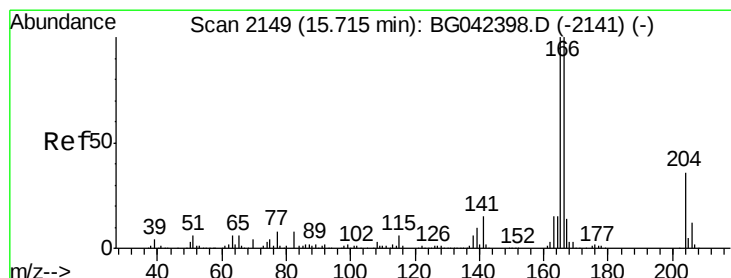
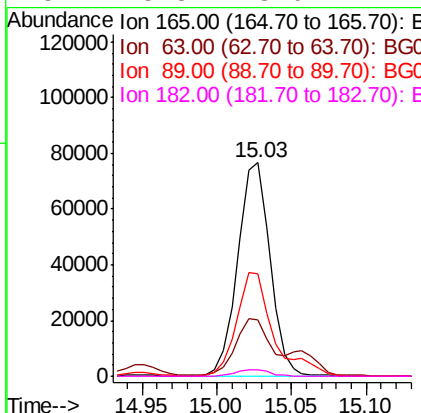
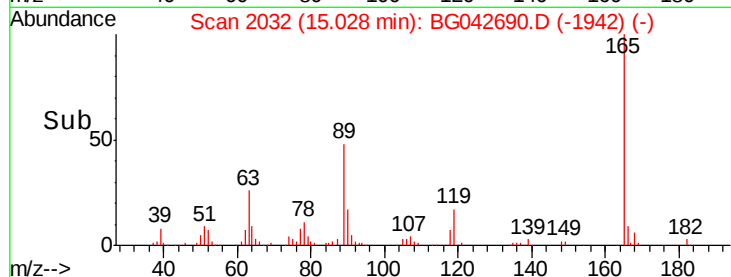
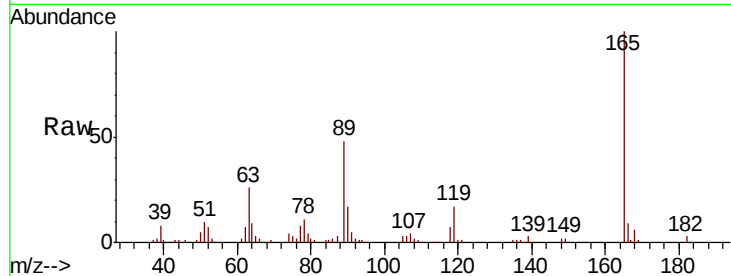
#57
 2,4-Dinitrotoluene
 Concen: 42.753 ng
 RT: 15.03 min Scan# 2032
 Delta R.T. 0.00 min
 Lab File: BG042690.D
 Acq: 3 Sep 2019 15:56

Instrument :
 BNA_G
 ClientSampleId :
 SB-13-(13-15)MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	115594		
63	26.3		22.5	33.7
89	48.2		37.8	56.6
182	3.3		3.0	4.4

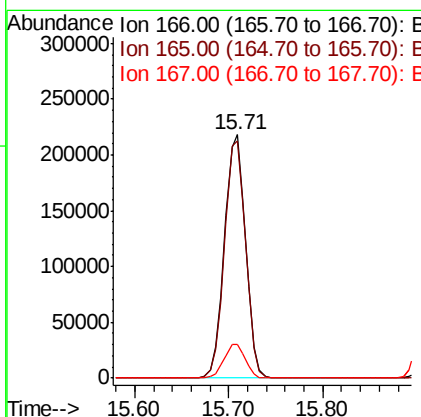
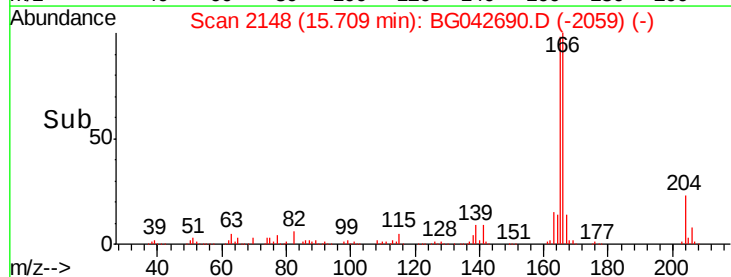
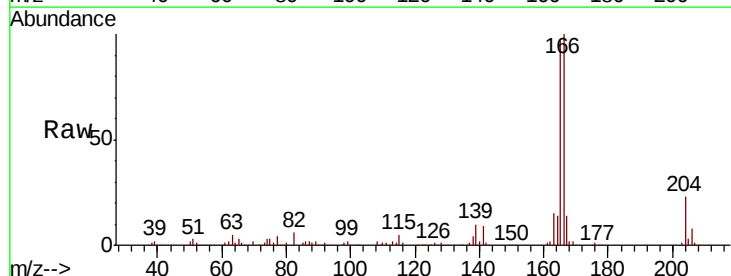
Manual Integrations
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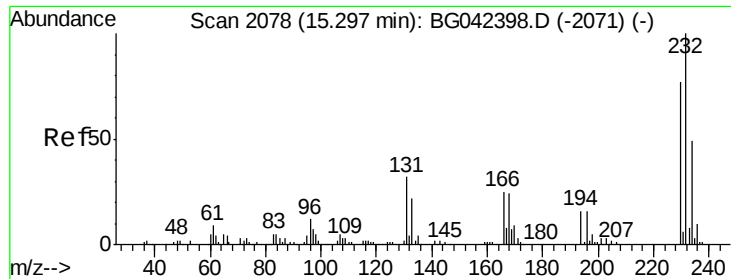
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#58
 Fluorene
 Concen: 43.635 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.01 min
 Lab File: BG042690.D
 Acq: 3 Sep 2019 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	339408		
165	97.2		79.7	119.5
167	14.0		10.9	16.3





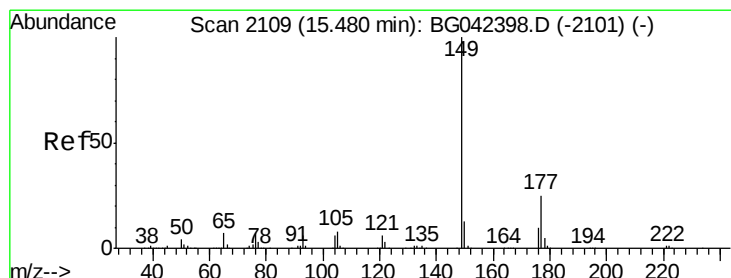
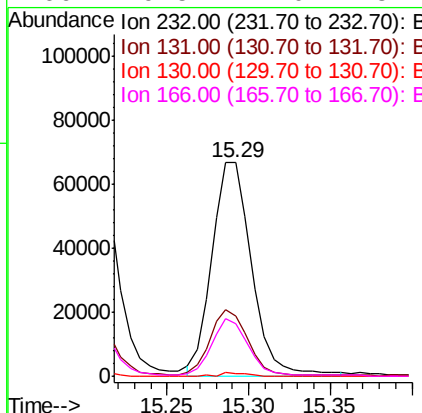
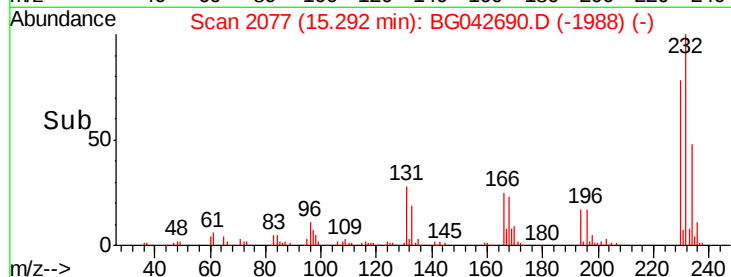
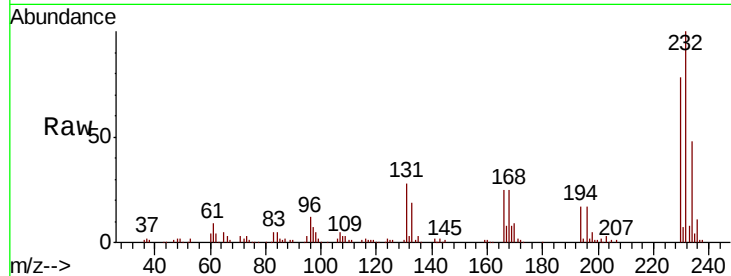
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.228 ng m
 RT: 15.29 min Scan# 2077
 Delta R.T. -0.01 min
 Lab File: BG042690.D
 Acq: 3 Sep 2019 15:56

Instrument :
 BNA_G
 ClientSampleId :
 SB-13-(13-15)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		113586		
131	25.7	22.9	34.3		
130	1.5	1.4	2.0		
166	19.5	17.0	25.4		

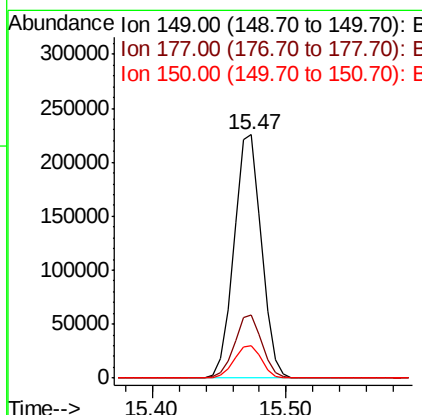
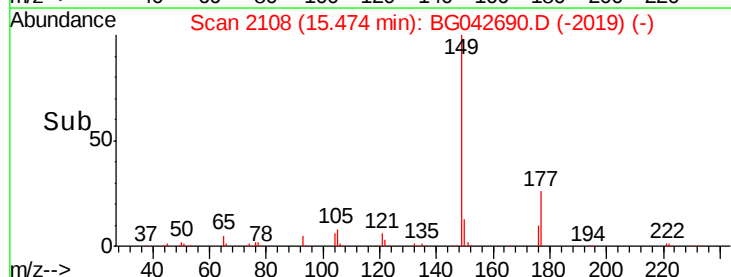
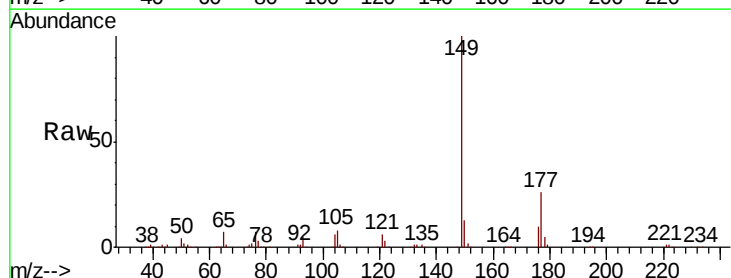
Manual Integrations
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#60
 Diethylphthalate
 Concen: 40.438 ng
 RT: 15.47 min Scan# 2108
 Delta R.T. -0.01 min
 Lab File: BG042690.D
 Acq: 3 Sep 2019 15:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		322011		
177	26.1	20.4	30.6		
150	13.3	10.3	15.5		





#61

4-Chlorophenyl-phenylether

Concen: 43.272 ng

RT: 15.70 min Scan# 2146

Delta R.T. -0.01 min

Lab File: BG042690.D

Acq: 3 Sep 2019 15:56

Instrument :

BNA_G

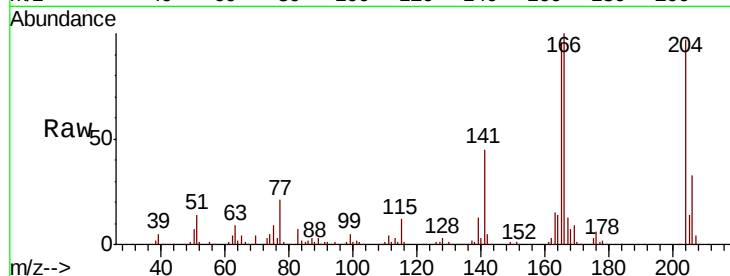
ClientSampleId :

SB-13-(13-15)MS

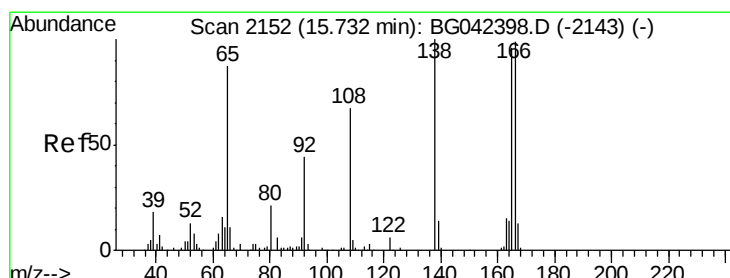
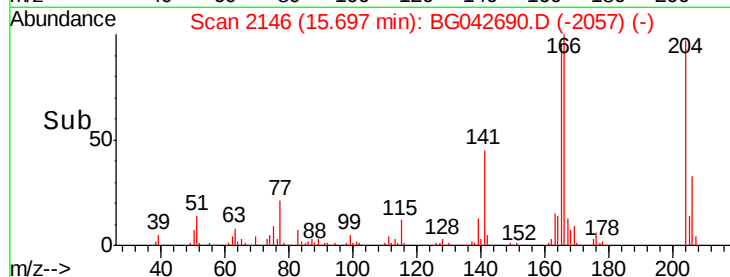
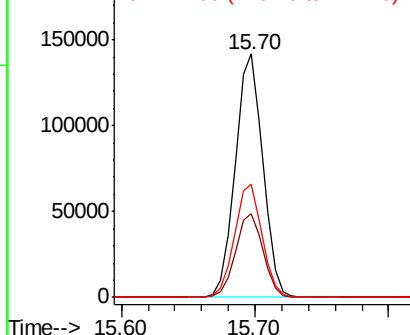
Tot Ion:	204	Resp:	202896
Ion Ratio	Lower	Upper	
204	100		
206	34.4	27.2	40.8
141	46.4	38.7	58.1

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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: 38.811 ng

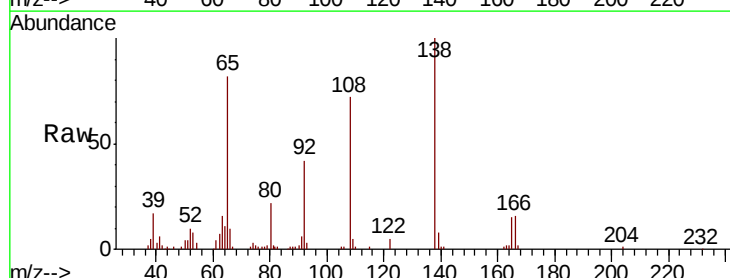
RT: 15.73 min Scan# 2152

Delta R.T. 0.00 min

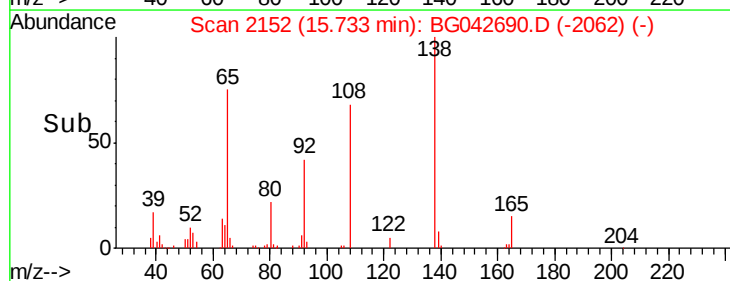
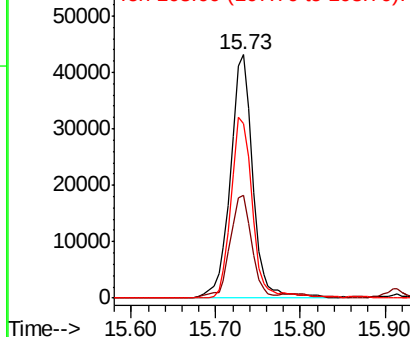
Lab File: BG042690.D

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Tgt Ion:	138	Resp:	78437
Ion Ratio	Lower	Upper	
138	100		
92	42.2	24.2	64.2
108	71.8	46.8	86.8



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





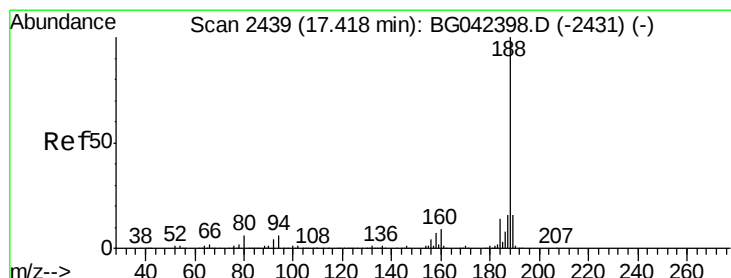
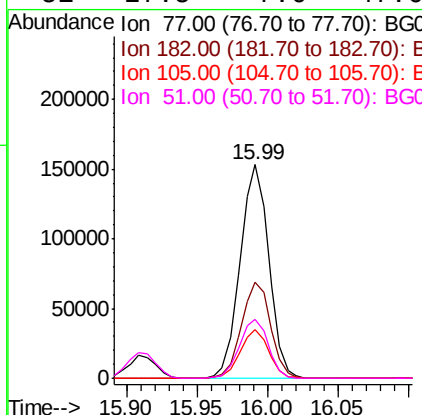
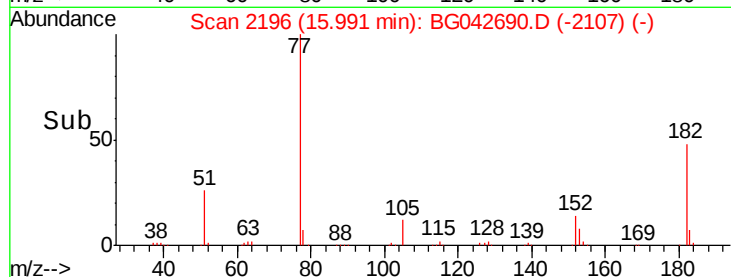
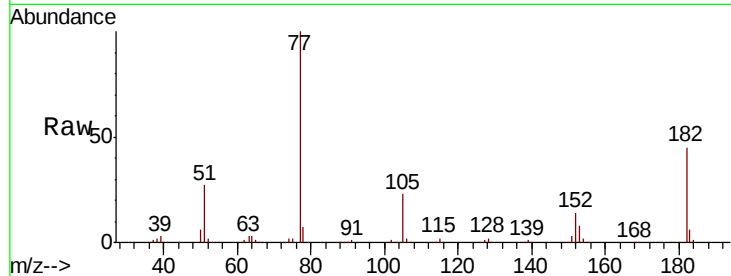
#63
Azobenzene
Concen: 39.858 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BG042690.D
Acq: 3 Sep 2019 15:56

Instrument :
BNA_G
ClientSampleId :
SB-13-(13-15)MS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	45.2	19.9	59.9	
105	22.9	2.9	42.9	
51	27.5	7.6	47.6	

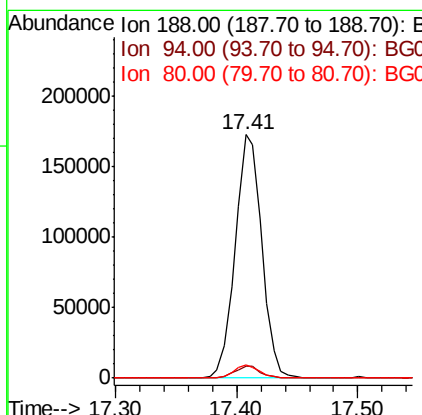
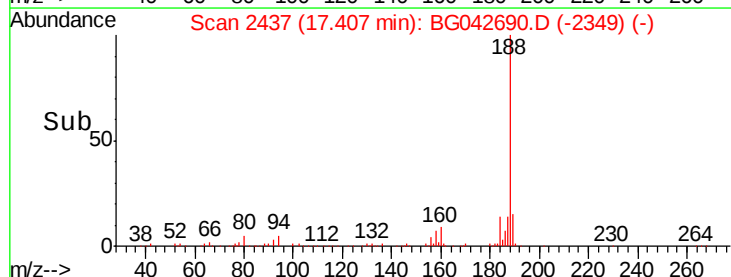
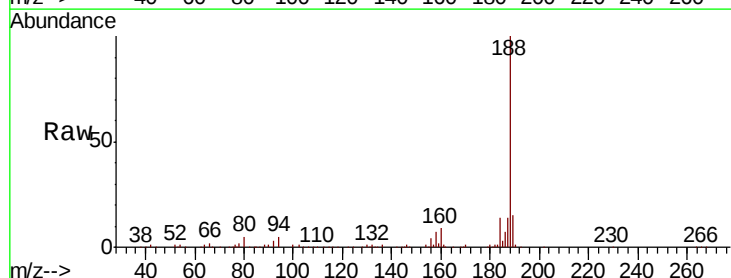
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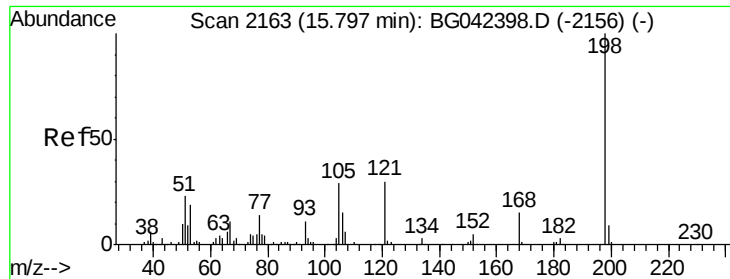
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042690.D
Acq: 3 Sep 2019 15:56

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	4.9	4.5	6.7	
80	5.4	4.9	7.3	





#65

4,6-Dinitro-2-methylphenol

Concen: 41.304 ng

RT: 15.80 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BG042690.D

Acq: 3 Sep 2019 15:56

Instrument :

BNA_G

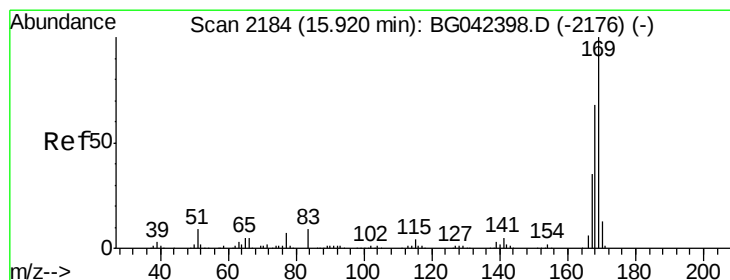
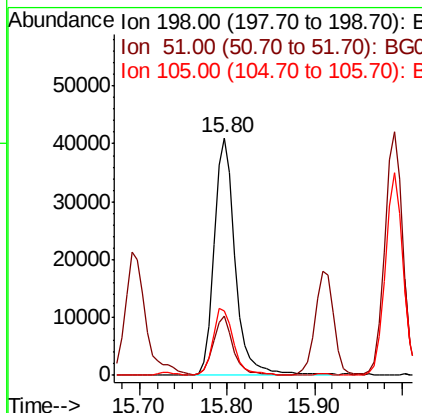
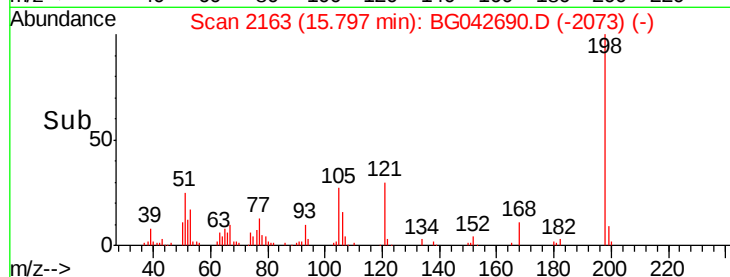
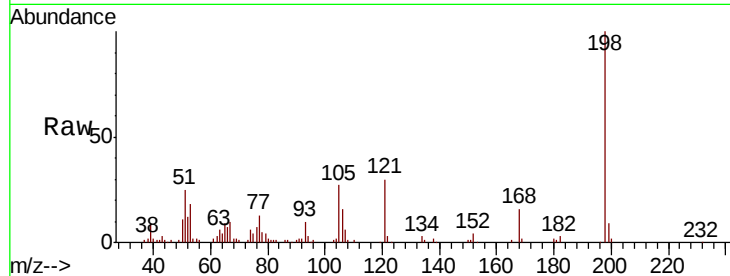
ClientSampleId :

SB-13-(13-15)MS

Tot Ion:	198	Resp:	68651
Ion Ratio	Lower	Upper	
198	100		
51	24.7	4.2	44.2
105	27.2	8.8	48.8

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#66

n-Nitrosodiphenylamine

Concen: 42.678 ng

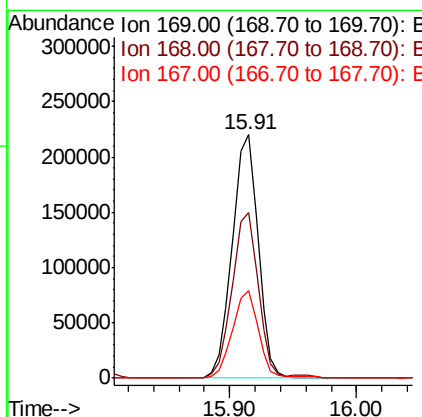
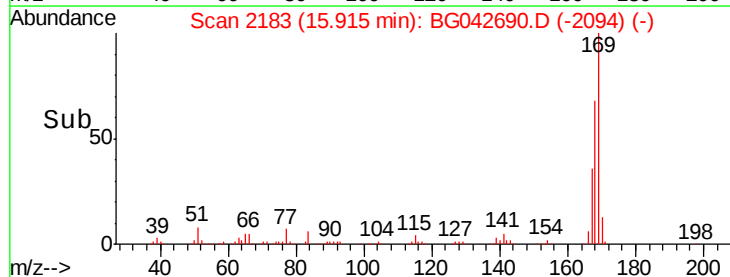
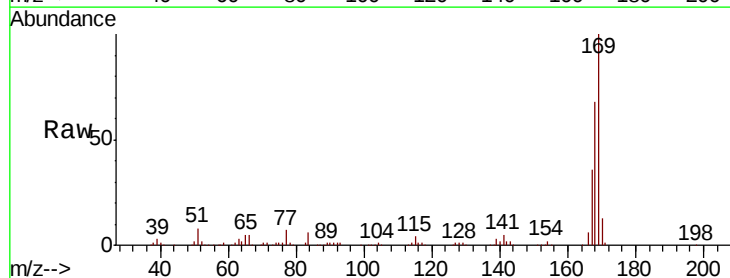
RT: 15.91 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BG042690.D

Acq: 3 Sep 2019 15:56

Tgt Ion:	169	Resp:	311143
Ion Ratio	Lower	Upper	
169	100		
168	67.8	54.3	81.5
167	35.7	28.2	42.2





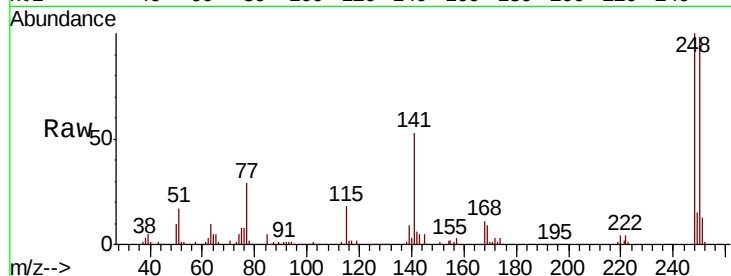
#67
 4-Bromophenyl-phenylether
 Concen: 42.673 ng
 RT: 16.59 min Scan# 2298
 Delta R.T. -0.01 min
 Lab File: BG042690.D
 Acq: 3 Sep 2019 15:56

Instrument :
 BNA_G
 ClientSampleId :
 SB-13-(13-15)MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.9	78.9	118.3
141	53.2	43.3	64.9

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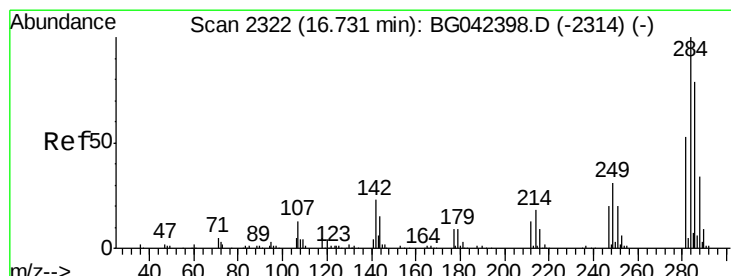
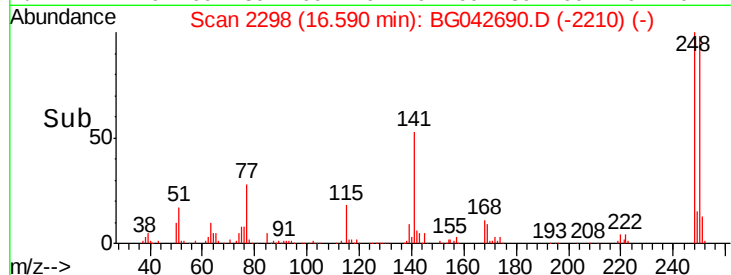
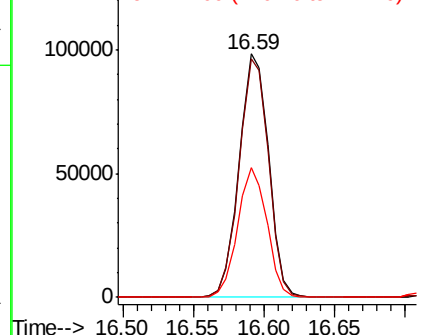


Abundance

Ion 248.00 (247.70 to 248.70): E

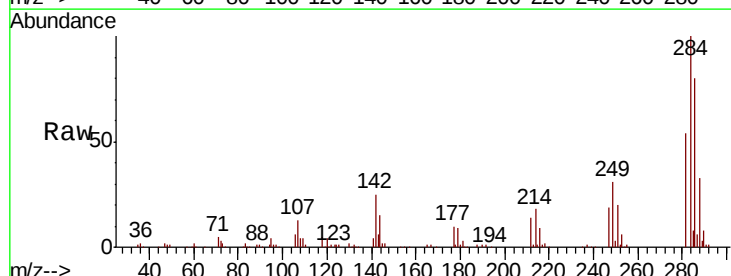
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 41.680 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.01 min
 Lab File: BG042690.D
 Acq: 3 Sep 2019 15:56

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.8	18.2	27.4
249	31.3	25.0	37.4

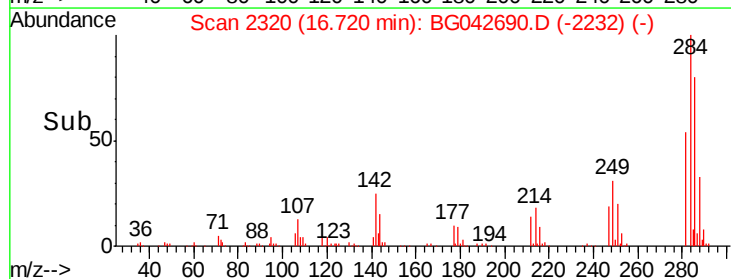
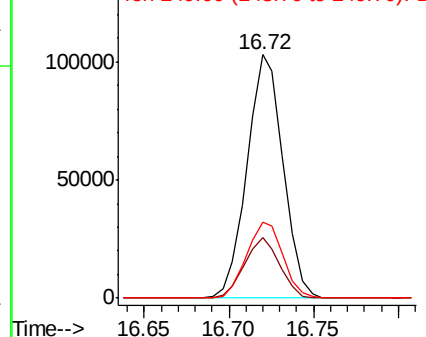


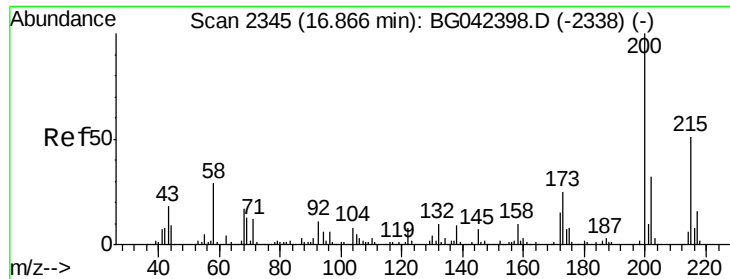
Abundance

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





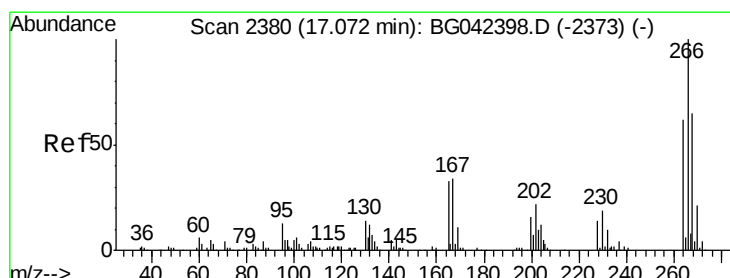
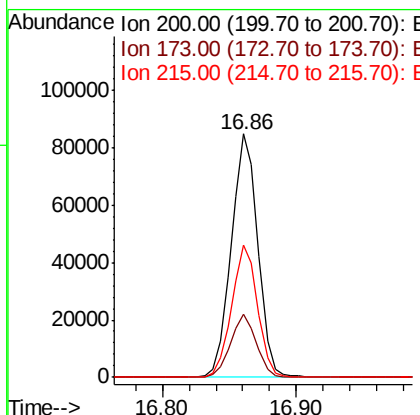
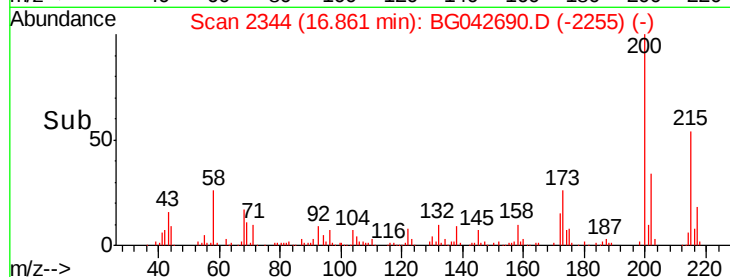
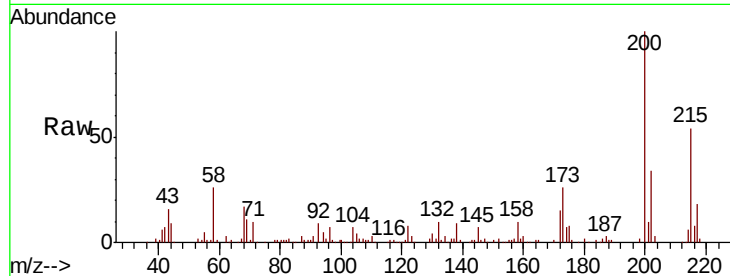
#69
 Atrazine
 Concen: 45.578 ng
 RT: 16.86 min Scan# 2344
 Delta R.T. -0.01 min
 Lab File: BG042690.D
 Acq: 3 Sep 2019 15:56

Instrument :
 BNA_G
 ClientSampleId :
 SB-13-(13-15)MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.1	4.9	44.9
215	54.4	30.7	70.7

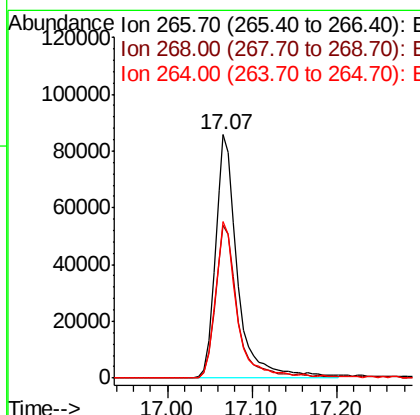
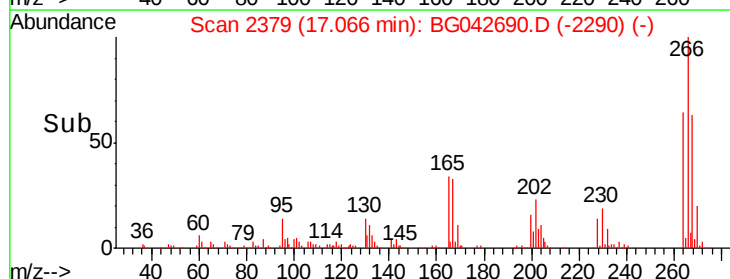
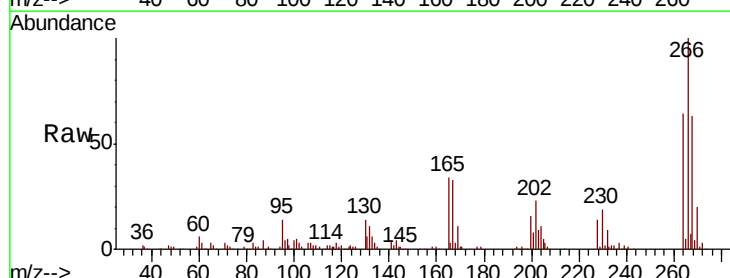
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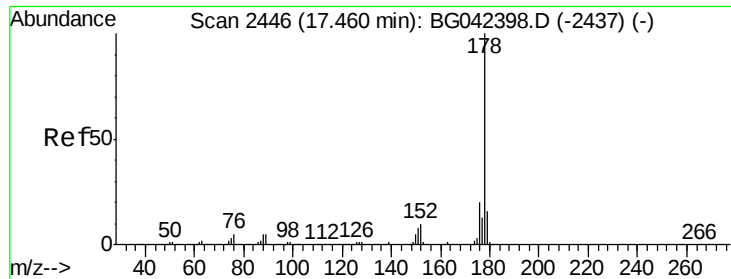
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#70
 Pentachlorophenol
 Concen: 83.249 ng
 RT: 17.07 min Scan# 2379
 Delta R.T. -0.01 min
 Lab File: BG042690.D
 Acq: 3 Sep 2019 15:56

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.7	52.1	78.1
264	64.1	49.4	74.2





#71

Phenanthrene

Concen: 43.869 ng

RT: 17.45 min Scan# 2445

Delta R.T. -0.01 min

Lab File: BG042690.D

Acq: 3 Sep 2019 15:56

Instrument :

BNA_G

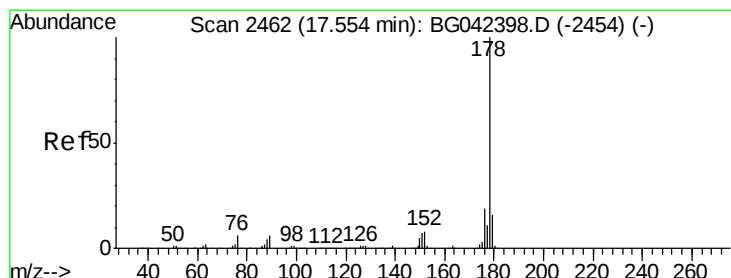
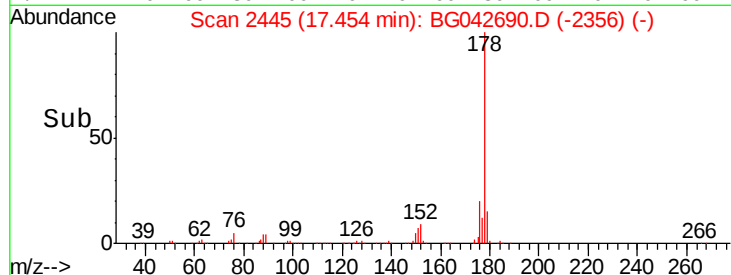
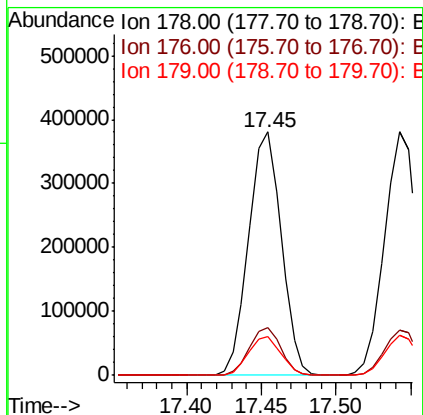
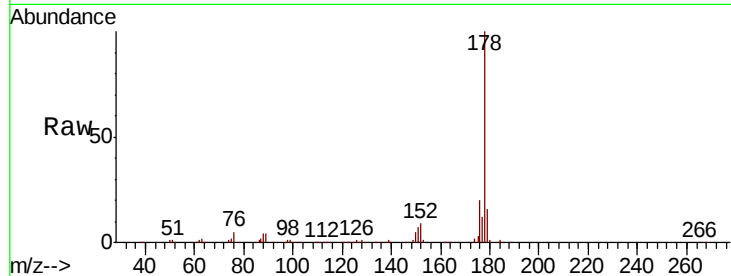
ClientSampleId :

SB-13-(13-15)MS

Tot Ion:178	Resp:	577671
Ion Ratio	Lower	Upper
178	100	
176	19.6	15.9 23.9
179	15.8	12.7 19.1

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#72

Anthracene

Concen: 44.657 ng

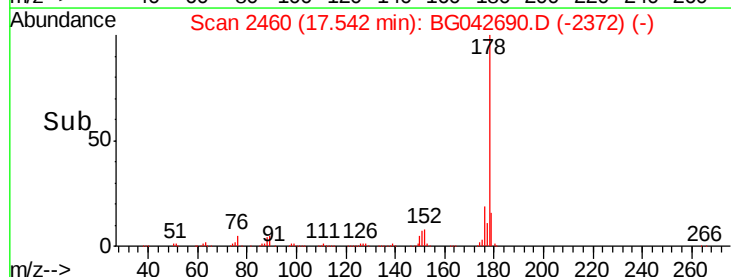
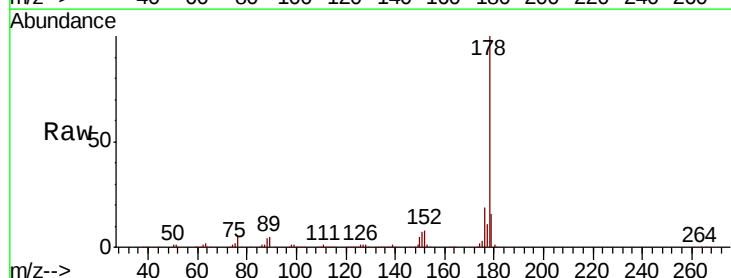
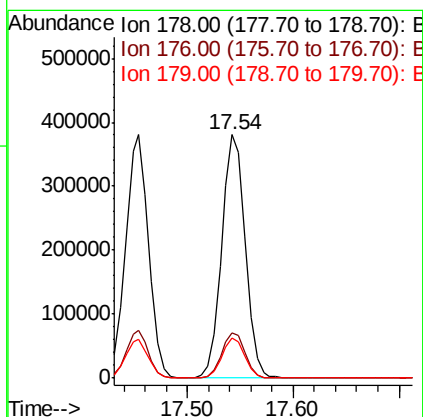
RT: 17.54 min Scan# 2460

Delta R.T. -0.01 min

Lab File: BG042690.D

Acq: 3 Sep 2019 15:56

Tgt Ion:178	Resp:	587040
Ion Ratio	Lower	Upper
178	100	
176	18.8	15.5 23.3
179	16.4	12.9 19.3





#73

Carbazole

Concen: 43.212 ng

RT: 17.81 min Scan# 2506

Delta R.T. -0.01 min

Lab File: BG042690.D

Acq: 3 Sep 2019 15:56

Instrument :

BNA_G

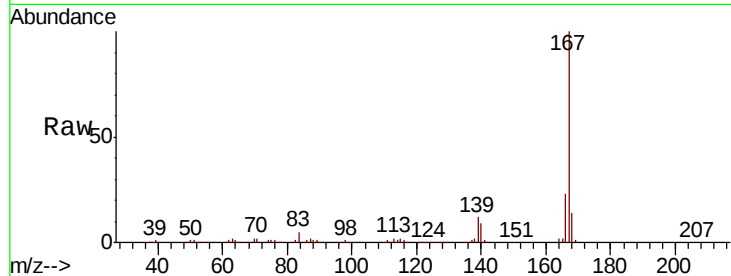
ClientSampleId :

SB-13-(13-15)MS

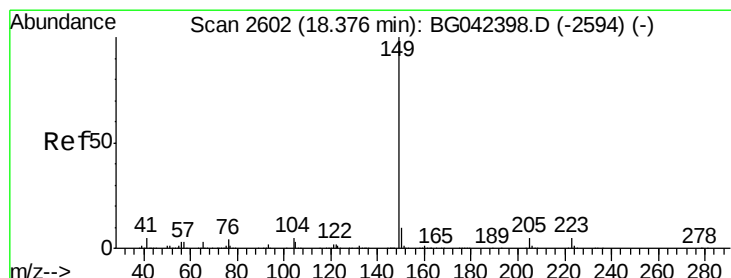
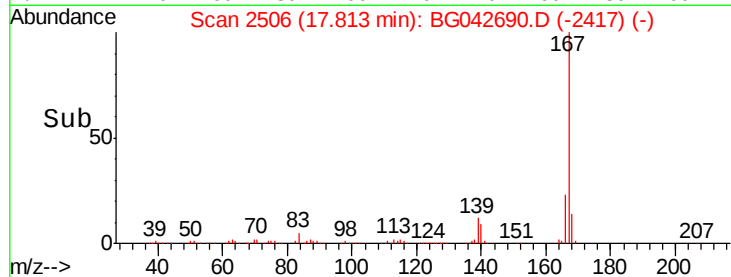
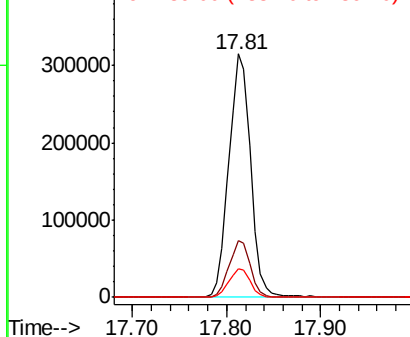
Tot Ion:	167	Resp:	506273
Ion Ratio	Lower	Upper	
167	100		
166	23.4	18.9	28.3
139	11.6	9.8	14.6

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



#74

Di-n-butylphthalate

Concen: 41.523 ng

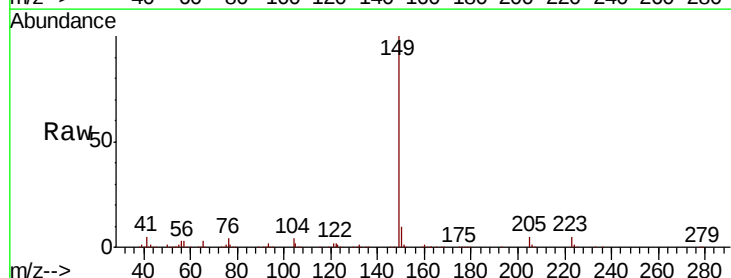
RT: 18.36 min Scan# 2600

Delta R.T. -0.01 min

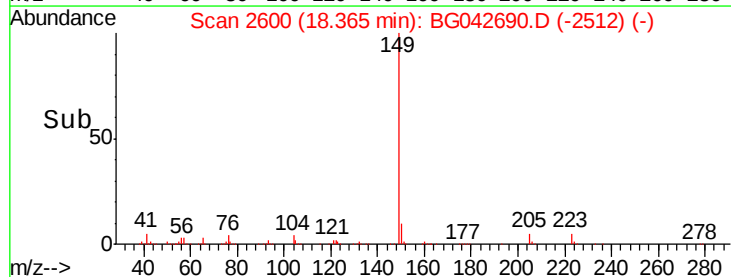
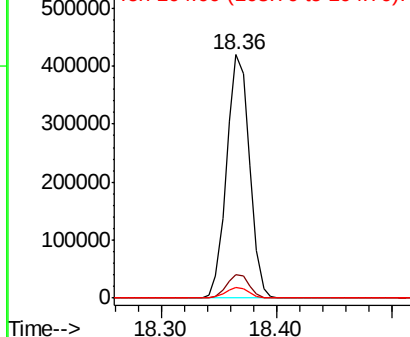
Lab File: BG042690.D

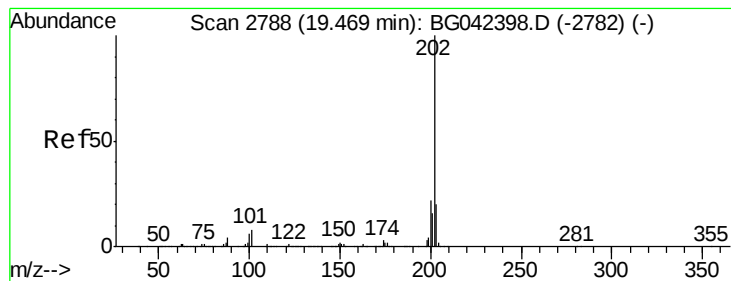
Acq: 3 Sep 2019 15:56

Tgt Ion:	149	Resp:	575070
Ion Ratio	Lower	Upper	
149	100		
150	9.8	8.1	12.1
104	4.4	3.7	5.5



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





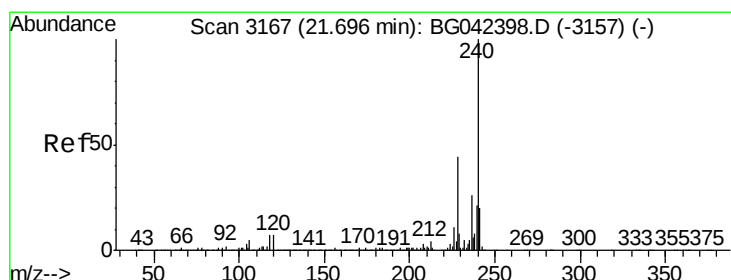
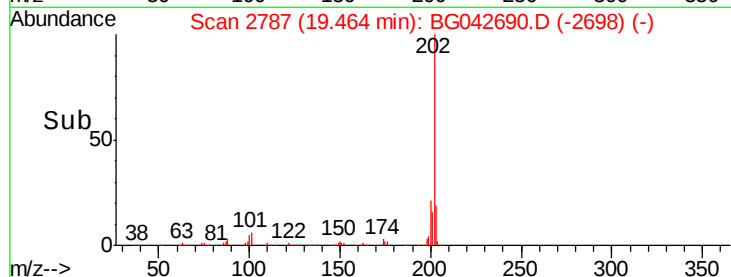
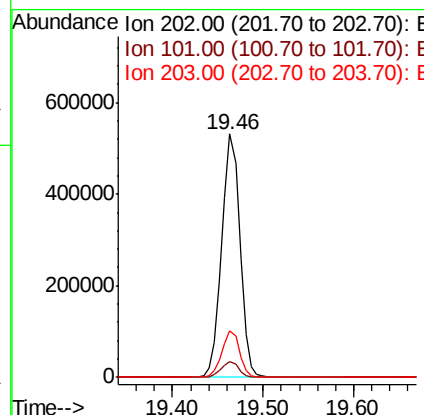
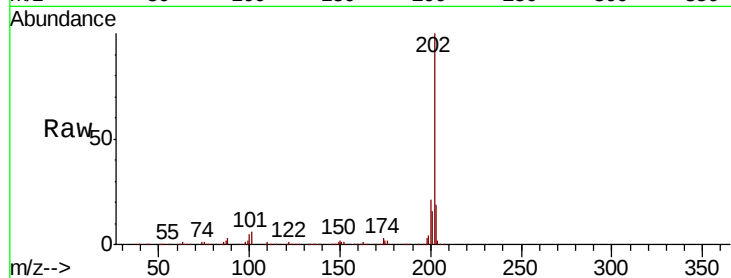
#75
 Fluoranthene
 Concen: 46.112 ng
 RT: 19.46 min Scan# 2787
 Delta R.T. -0.01 min
 Lab File: BG042690.D
 Acq: 3 Sep 2019 15:56

Instrument :
 BNA_G
 ClientSampleId :
 SB-13-(13-15)MS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	6.3	0.0	28.3
203	19.1	0.0	39.6

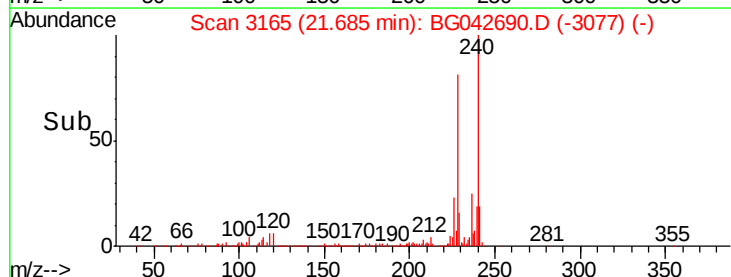
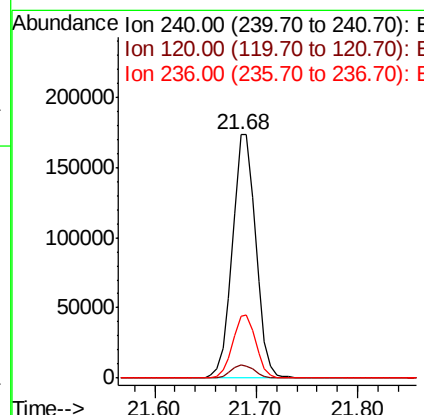
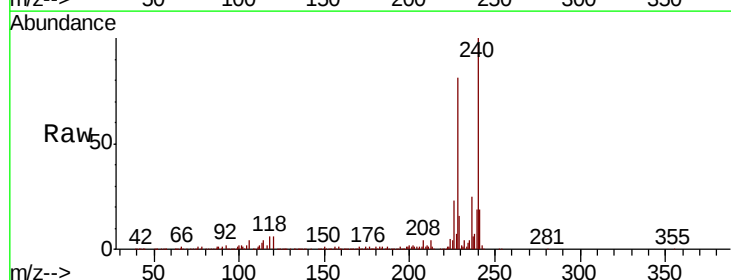
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3165
 Delta R.T. -0.01 min
 Lab File: BG042690.D
 Acq: 3 Sep 2019 15:56

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	5.7	5.7	8.5#
236	25.4	21.0	31.4





#77

Benzidine

Concen: 36.158 ng

RT: 19.64 min Scan# 2817

Delta R.T. -0.01 min

Lab File: BG042690.D

Acq: 3 Sep 2019 15:56

Instrument :

BNA_G

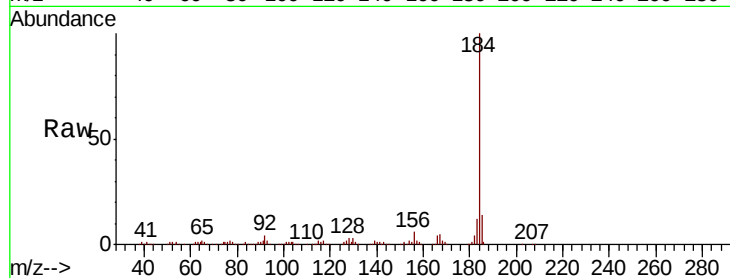
ClientSampleId :

SB-13-(13-15)MS

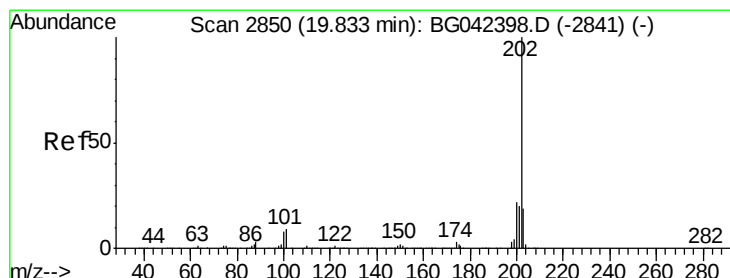
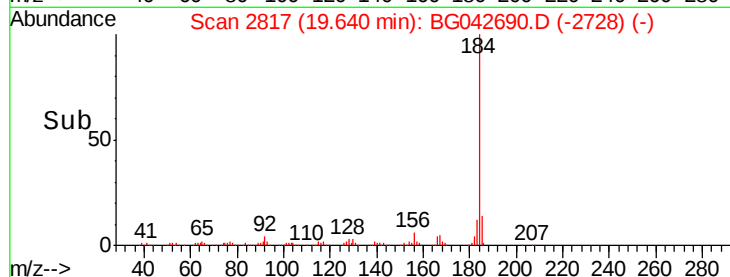
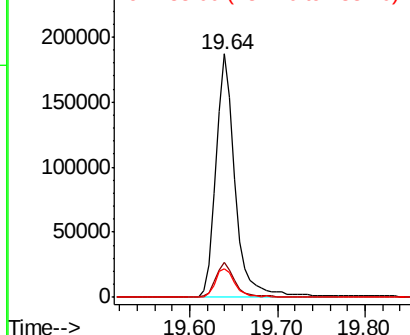
Tot Ion:	184	Resp:	288853
Ion Ratio	Lower	Upper	
184	100		
185	14.5	12.2	18.4
183	11.9	10.8	16.2

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



#78

Pyrene

Concen: 43.753 ng

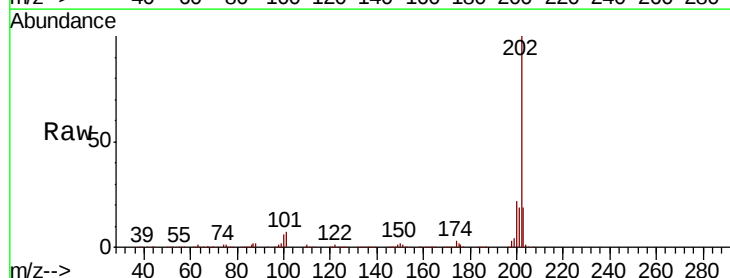
RT: 19.83 min Scan# 2849

Delta R.T. -0.01 min

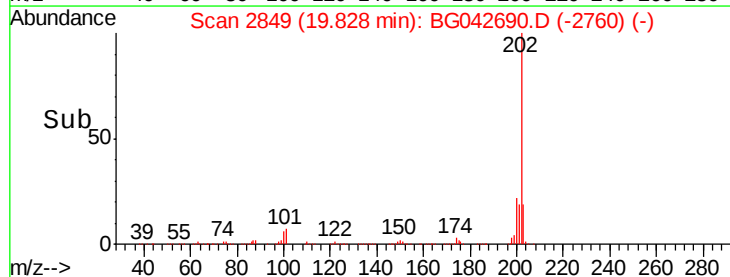
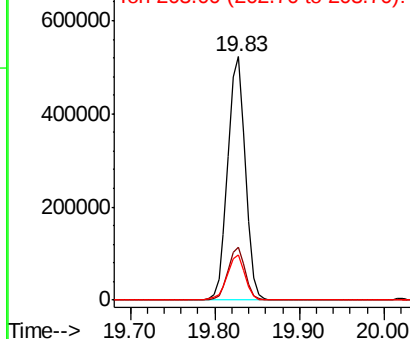
Lab File: BG042690.D

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Tgt Ion:	202	Resp:	747437
Ion Ratio	Lower	Upper	
202	100		
200	21.9	17.8	26.6
203	18.8	15.5	23.3



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





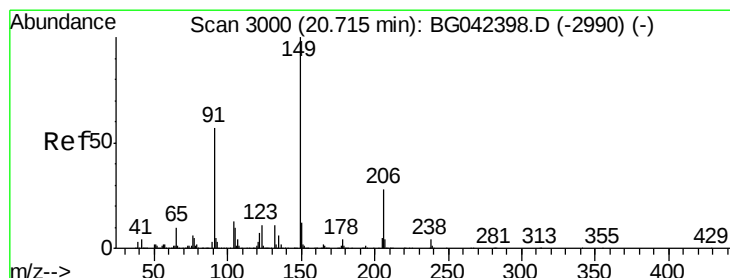
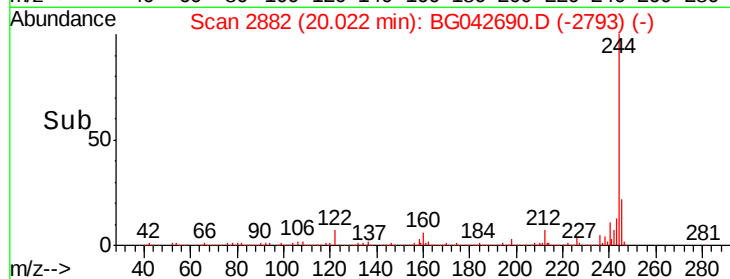
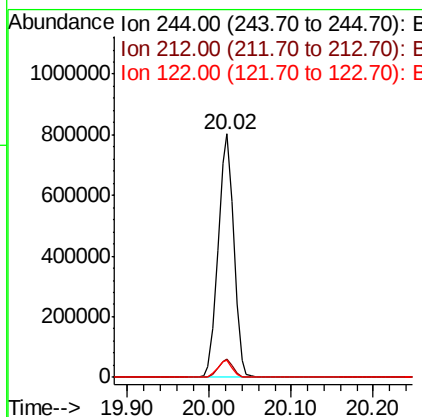
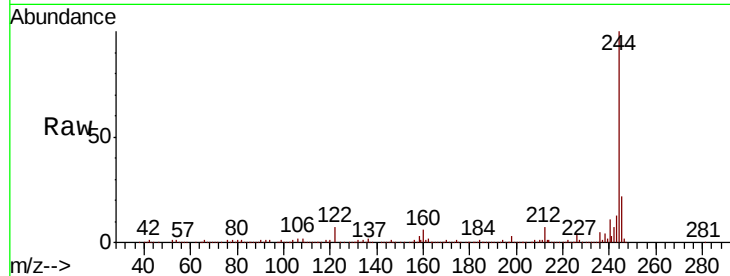
#79
 Terphenyl-d14
 Concen: 83.229 ng
 RT: 20.02 min Scan# 2882
 Delta R.T. -0.01 min
 Lab File: BG042690.D
 Acq: 3 Sep 2019 15:56

Instrument :
 BNA_G
 ClientSampleId :
 SB-13-(13-15)MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	6.9	6.7	10.1

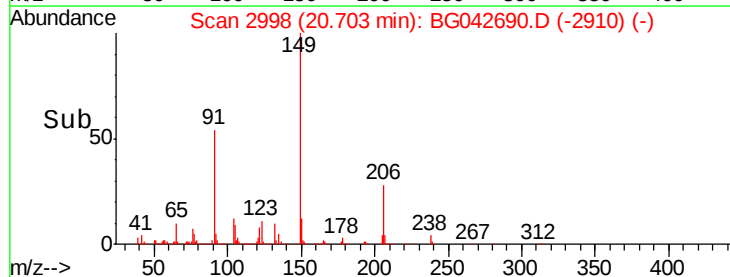
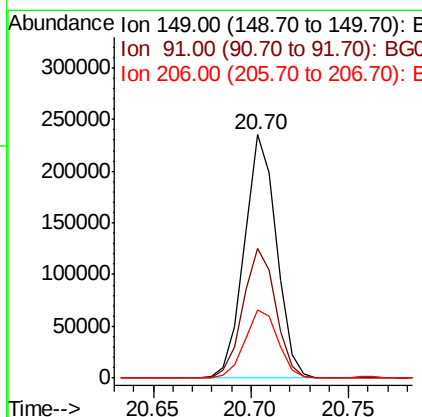
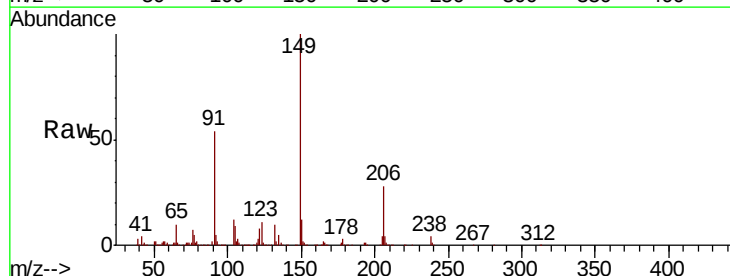
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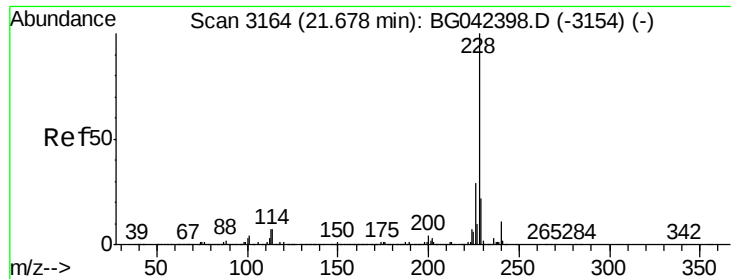
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#80
 Butylbenzylphthalate
 Concen: 39.938 ng
 RT: 20.70 min Scan# 2998
 Delta R.T. -0.01 min
 Lab File: BG042690.D
 Acq: 3 Sep 2019 15:56

Tgt Ion	Ratio	Lower	Upper
149	100		
91	53.5	45.9	68.9
206	28.2	22.5	33.7





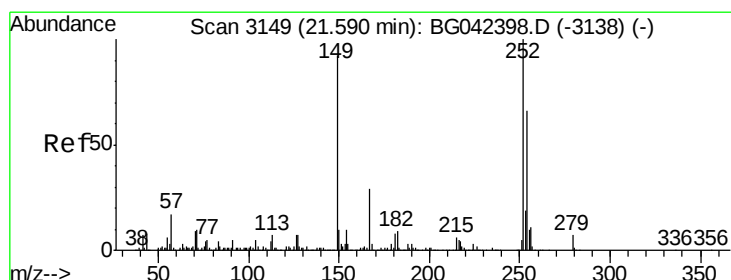
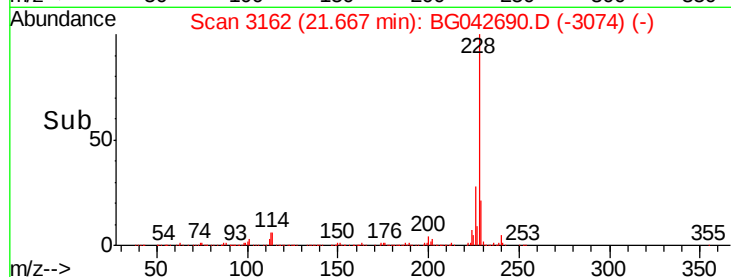
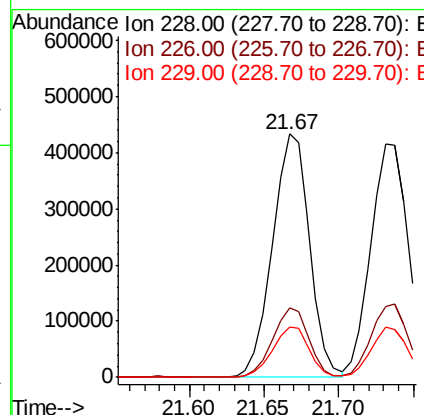
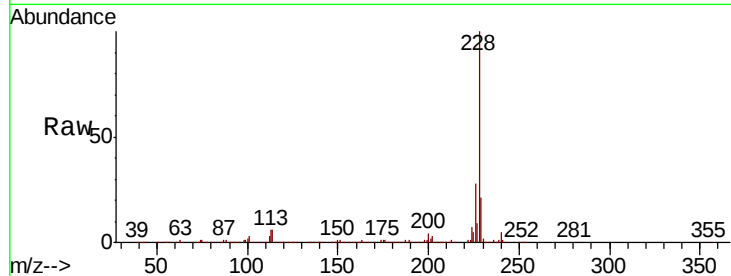
#81
Benzo(a)anthracene
Concen: 44.168 ng
RT: 21.67 min Scan# 3162
Delta R.T. -0.01 min
Lab File: BG042690.D
Acq: 3 Sep 2019 15:56

Instrument :
BNA_G
ClientSampleId :
SB-13-(13-15)MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.4	35.2
229	20.8	17.4	26.2

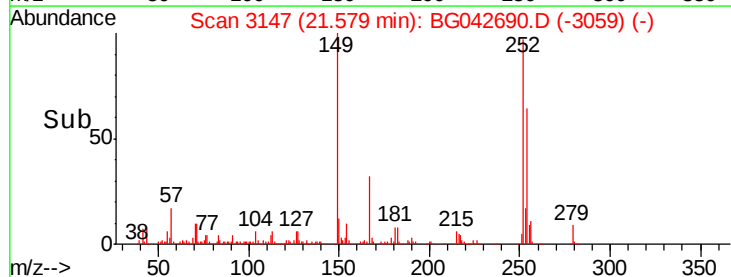
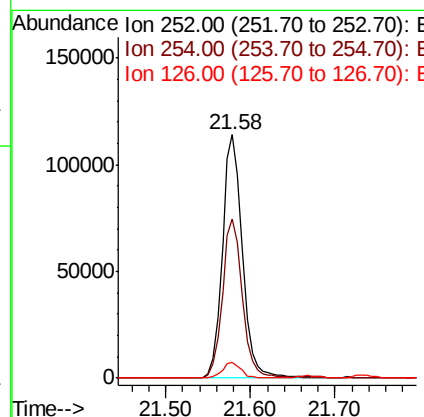
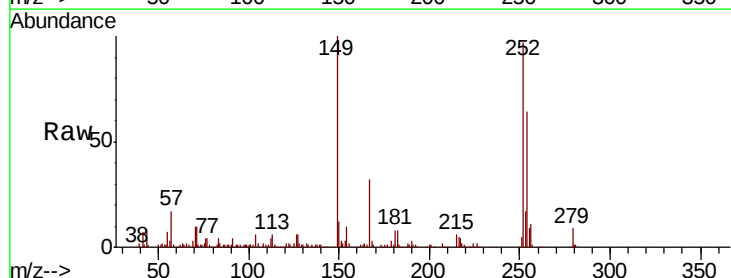
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#82
3,3'-Dichlorobenzidine
Concen: 27.816 ng
RT: 21.58 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG042690.D
Acq: 3 Sep 2019 15:56

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.5	53.0	79.4
126	6.3	5.7	8.5





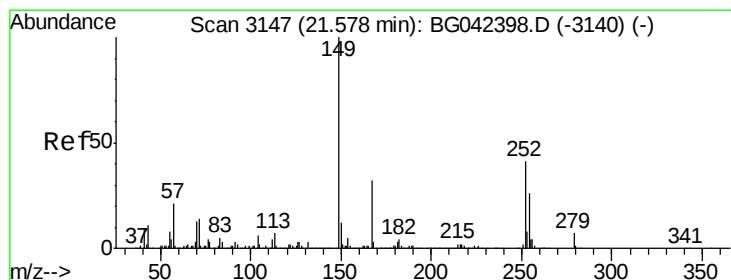
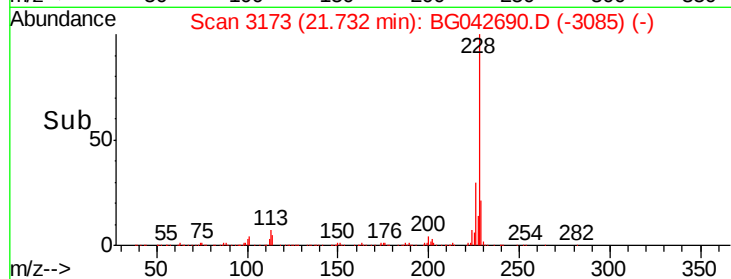
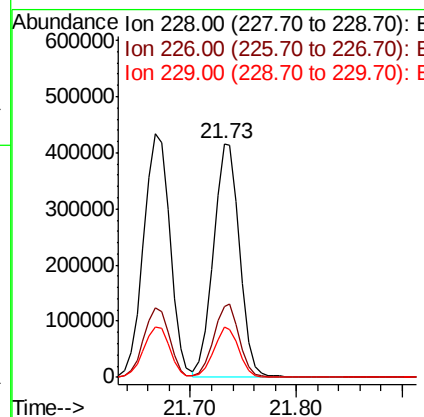
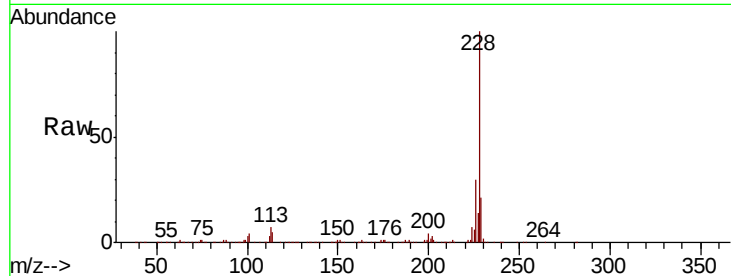
#83
 Chrvsene
 Concen: 43.823 ng
 RT: 21.73 min Scan# 3173
 Delta R.T. -0.01 min
 Lab File: BG042690.D
 Acq: 3 Sep 2019 15:56

Instrument :
 BNA_G
 ClientSampleId :
 SB-13-(13-15)MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.9	37.3
229	21.4	16.9	25.3

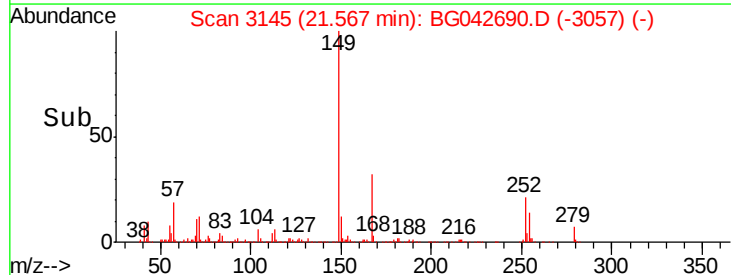
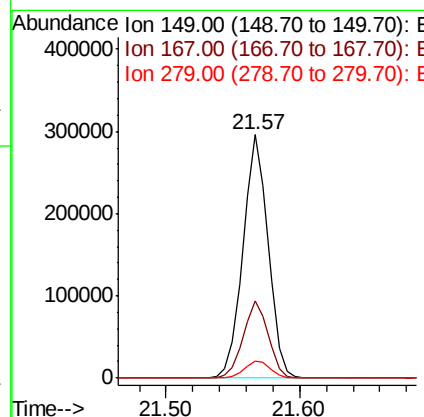
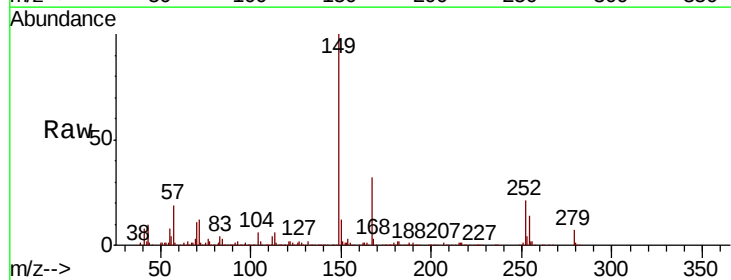
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.252 ng
 RT: 21.57 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG042690.D
 Acq: 3 Sep 2019 15:56

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.8	26.0	39.0
279	7.1	5.4	8.0





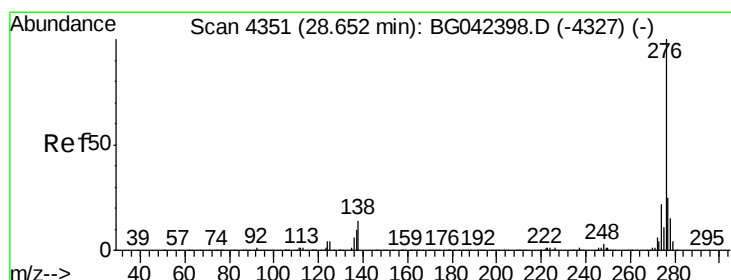
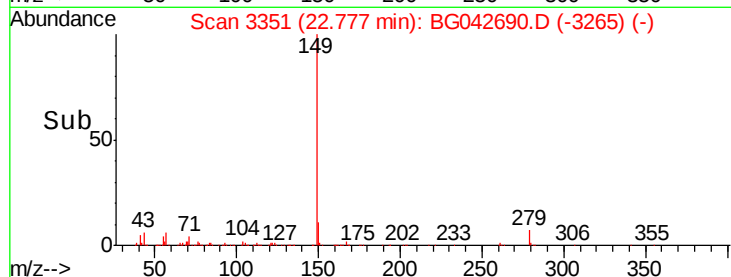
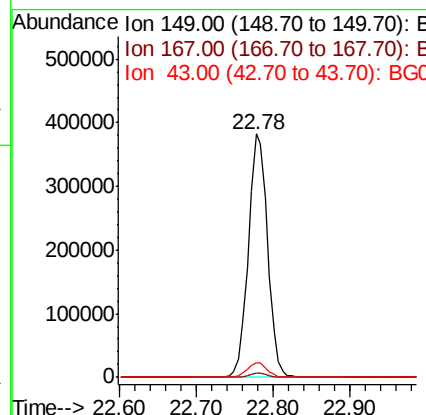
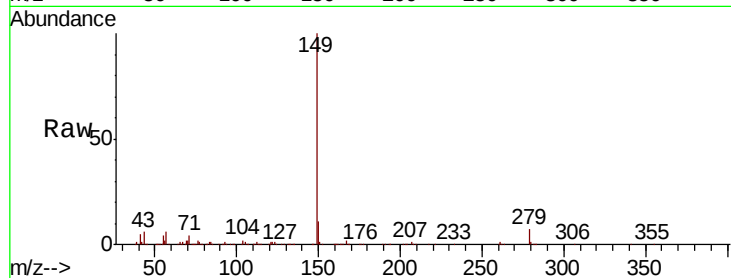
#85
Di-n-octyl phthalate
Concen: 41.421 ng
RT: 22.78 min Scan# 3351
Delta R.T. -0.02 min
Lab File: BG042690.D
Acq: 3 Sep 2019 15:56

Instrument :
BNA_G
ClientSampleId :
SB-13-(13-15)MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.8	1.6	2.4	
43	6.1	5.3	7.9	

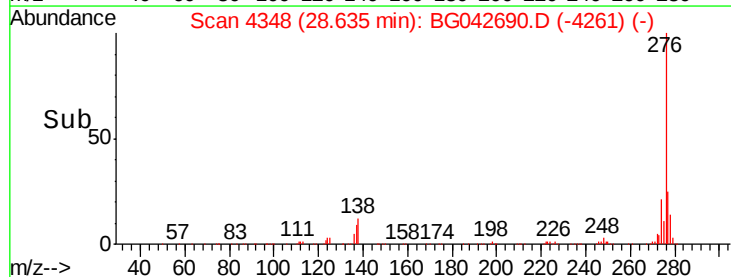
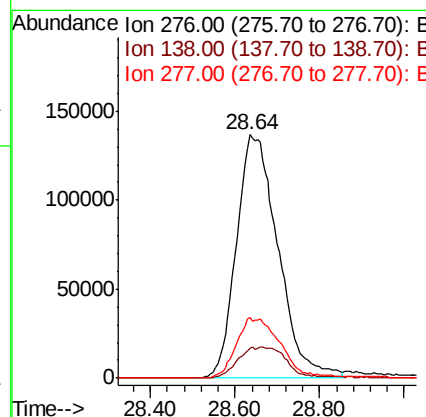
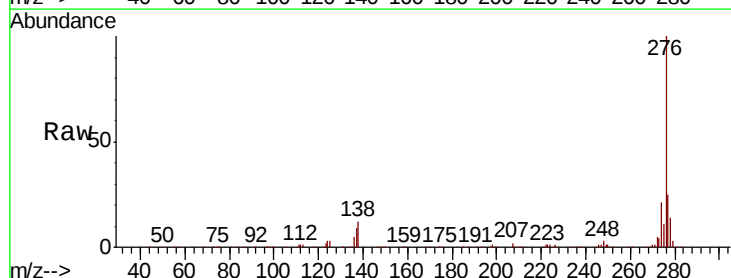
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#86
Indeno(1,2,3-cd)pyrene
Concen: 41.968 ng
RT: 28.64 min Scan# 4348
Delta R.T. -0.02 min
Lab File: BG042690.D
Acq: 3 Sep 2019 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	5.5	9.2	13.8#	
277	10.1	21.0	31.6#	





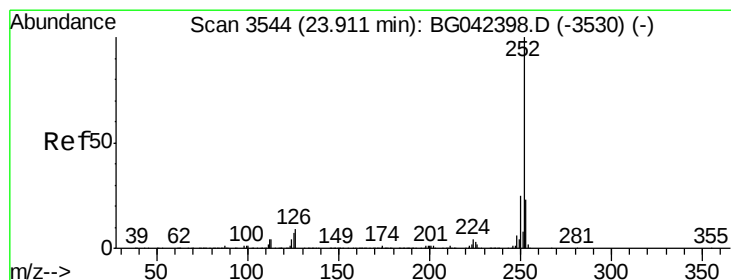
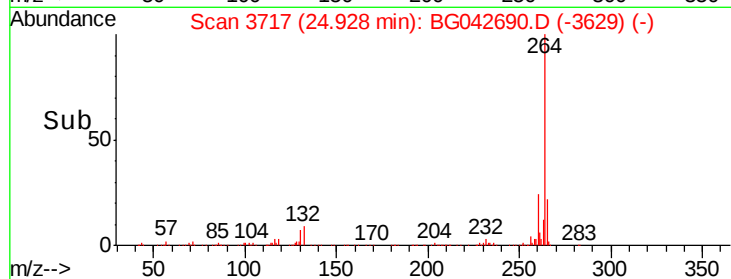
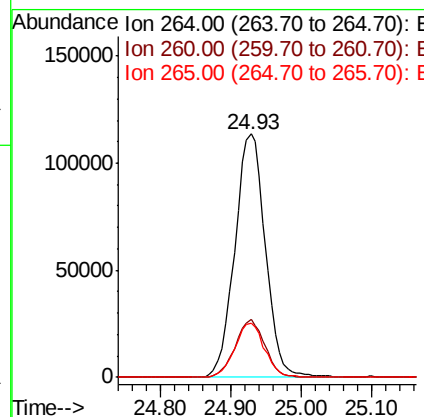
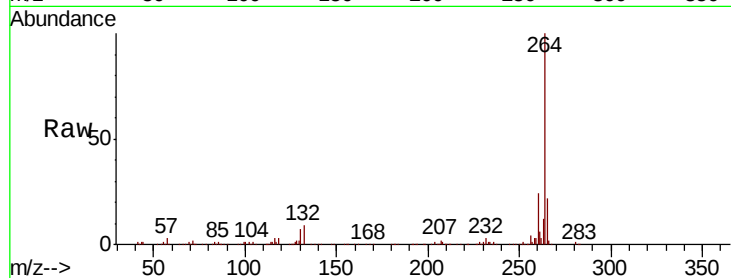
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3717
Delta R.T. -0.01 min
Lab File: BG042690.D
Acq: 3 Sep 2019 15:56

Instrument :
BNA_G
ClientSampleId :
SB-13-(13-15)MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.5	27.7
265	22.2	17.6	26.4

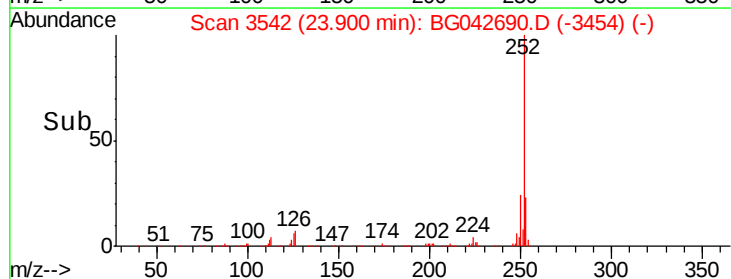
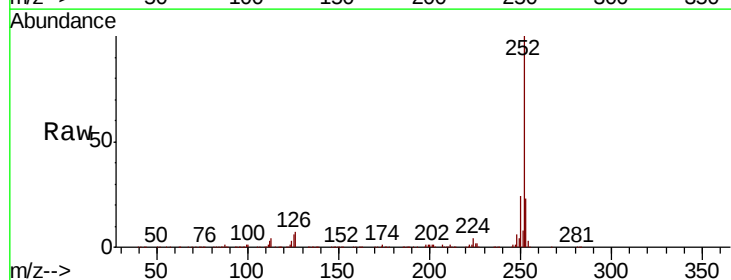
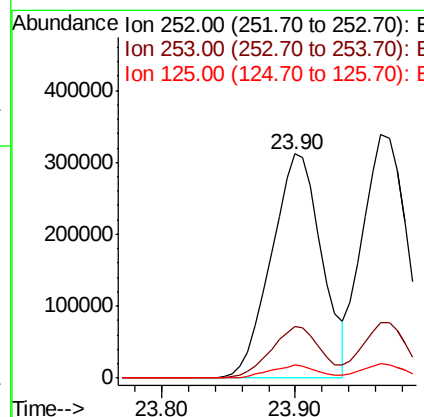
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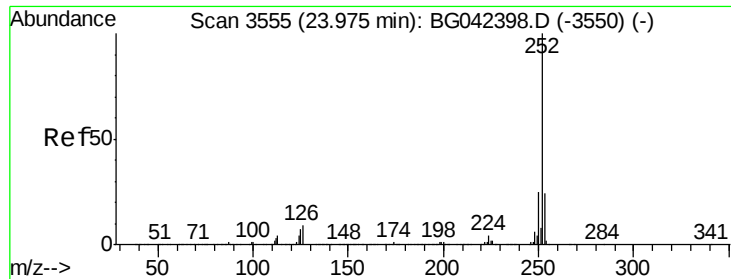
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#88
Benzo(b)fluoranthene
Concen: 43.462 ng
RT: 23.90 min Scan# 3542
Delta R.T. -0.01 min
Lab File: BG042690.D
Acq: 3 Sep 2019 15:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.6	27.8
125	5.7	5.6	8.4





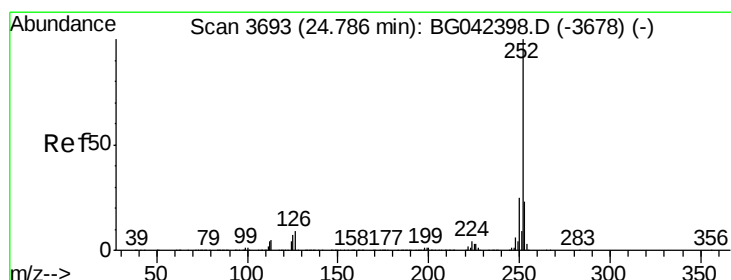
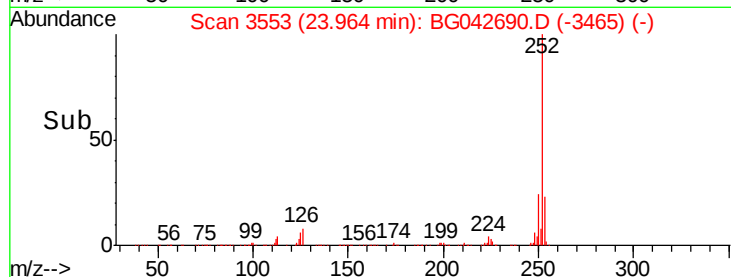
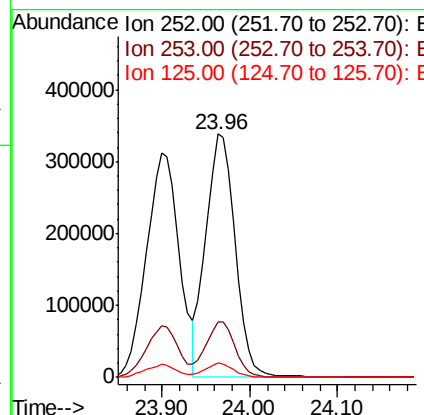
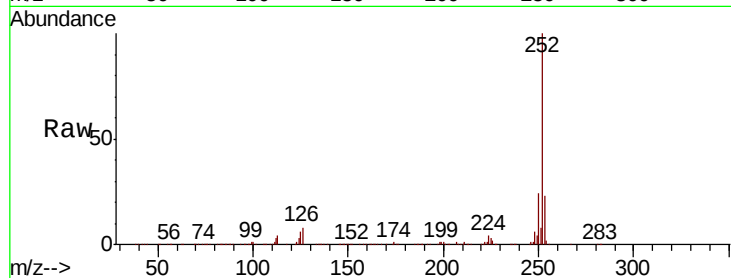
#89
Benzo(k)fluoranthene
Concen: 43.812 ng
RT: 23.96 min Scan# 3553
Delta R.T. -0.01 min
Lab File: BG042690.D
Acq: 3 Sep 2019 15:56

Instrument :
BNA_G
ClientSampleId :
SB-13-(13-15)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.6	27.8
125	5.8	5.8	8.6

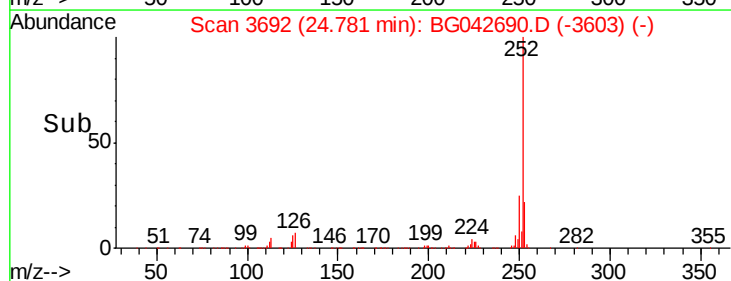
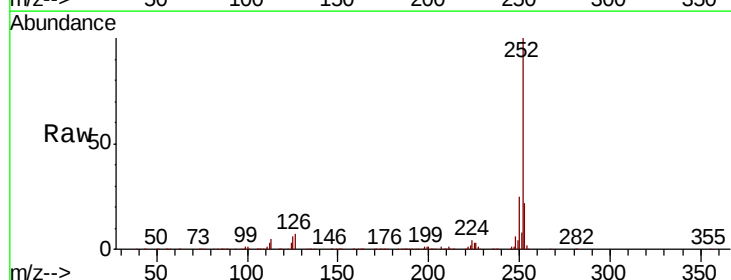
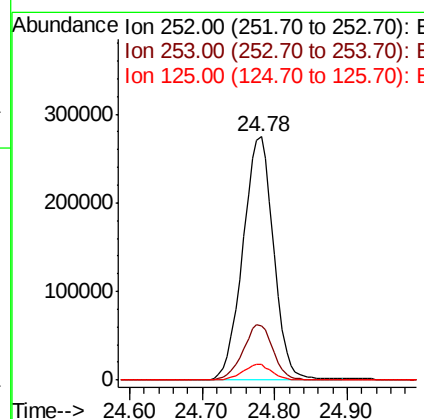
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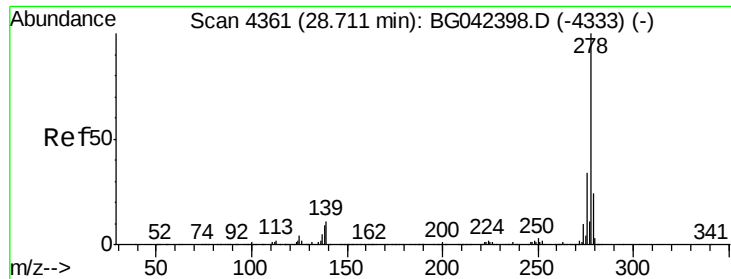
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#90
Benzo(a)pyrene
Concen: 45.259 ng
RT: 24.78 min Scan# 3692
Delta R.T. -0.01 min
Lab File: BG042690.D
Acq: 3 Sep 2019 15:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.4	27.6
125	6.3	6.0	9.0





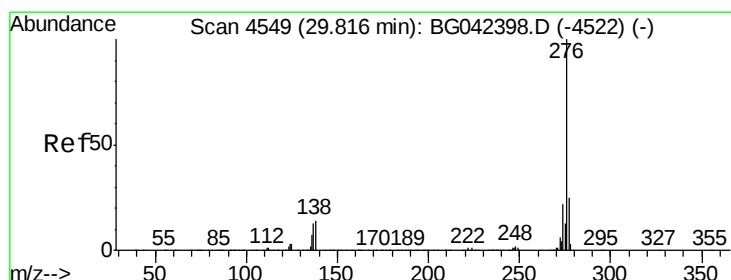
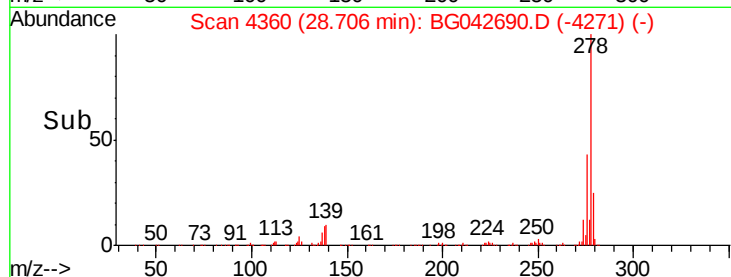
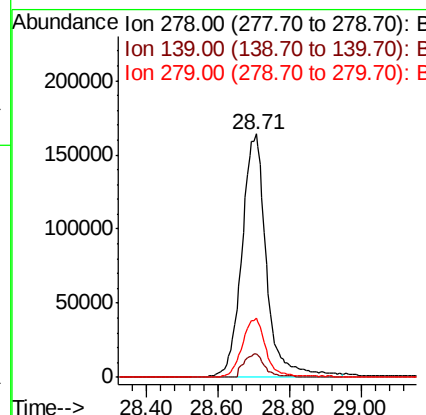
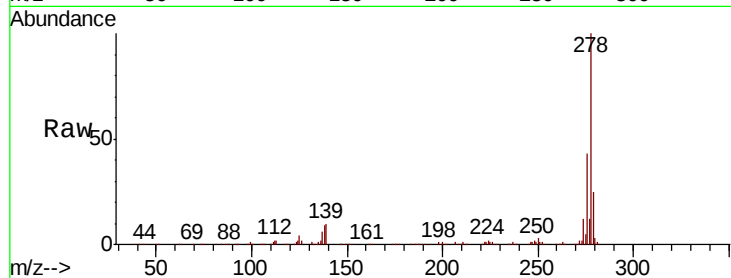
#91
Dibenzo(a,h)anthracene
Concen: 43.643 ng
RT: 28.71 min Scan# 4360
Delta R.T. -0.01 min
Lab File: BG042690.D
Acq: 3 Sep 2019 15:56

Instrument :
BNA_G
ClientSampleId :
SB-13-(13-15)MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.6	8.8	13.2
279	24.6	19.1	28.7

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#92
Benzo(g,h,i)perylene
Concen: 43.018 ng
RT: 29.80 min Scan# 4546
Delta R.T. -0.02 min
Lab File: BG042690.D
Acq: 3 Sep 2019 15:56

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.8	29.8
138	12.5	11.4	17.0

