

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111919\
 Data File : BG043704.D
 Acq On : 19 Nov 2019 18:55
 Operator : JU
 Sample : K5865-23MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 2-(16-19)MS

Manual Integrations
 APPROVED

mohammad
 11/21/2019 9:04:12 AM

Quant Time: Nov 20 03:06:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 19 15:23:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	26302	20.00	ng	0.00
21) Naphthalene-d8	10.79	136	106564	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	80194	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	199608	20.00	ng	0.00
76) Chrysene-d12	21.64	240	214530	20.00	ng	0.00
87) Perylene-d12	24.81	264	254748	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	164954	114.92	ng	0.00
7) Phenol-d6	7.19	99	236050	114.30	ng	0.00
23) Nitrobenzene-d5	9.15	82	142013	68.70	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	149343	97.86	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	394902	68.04	ng	0.00
79) Terphenyl-d14	19.98	244	807775	70.64	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.45	88	17193	30.738	ng	90
3) Pyridine	3.85	79	43588	30.892	ng	98
4) n-Nitrosodimethylamine	3.76	42	30812	43.276	ng	# 94
6) Aniline	7.32	93	51465	21.634	ng	97
8) 2-Chlorophenol	7.56	128	69324	43.753	ng	96
9) Benzaldehyde	7.13	77	31364	30.904	ng	97
10) Phenol	7.21	94	95165	50.429	ng	97
11) bis(2-Chloroethyl)ether	7.41	93	56595	38.790	ng	94
12) 1,3-Dichlorobenzene	7.88	146	73947	37.249	ng	97
13) 1,4-Dichlorobenzene	8.02	146	73588	36.638	ng	94
14) 1,2-Dichlorobenzene	8.35	146	72928	37.187	ng	98
15) Benzyl Alcohol	8.24	79	53649	36.991	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.52	45	80799	38.086	ng	98
17) 2-Methylphenol	8.46	107	59035	42.913	ng	96
18) Hexachloroethane	9.07	117	26885	37.100	ng	90
19) n-Nitroso-di-n-propylamine	8.79	70	51775	38.799	ng	97
20) 3+4-Methylphenols	8.79	107	79409	42.095	ng	96
22) Acetophenone	8.81	105	102837	37.683	ng	# 100
24) Nitrobenzene	9.20	77	78874	40.057	ng	98
25) Isophorone	9.72	82	148195	39.215	ng	98
26) 2-Nitrophenol	9.91	139	39157	41.191	ng	95
27) 2,4-Dimethylphenol	9.98	122	66642	48.911	ng	95
28) bis(2-Chloroethoxy)methane	10.20	93	77899	37.348	ng	99
29) 2,4-Dichlorophenol	10.46	162	73867	42.312	ng	93
30) 1,2,4-Trichlorobenzene	10.66	180	82405	37.452	ng	99
31) Naphthalene	10.84	128	216917	40.102	ng	98
32) Benzoic acid	10.16	122	33476m	35.160	ng	
33) 4-Chloroaniline	10.98	127	9547m	4.306	ng	
34) Hexachlorobutadiene	11.13	225	57450	35.321	ng	94
35) Caprolactam	11.73	113	25443m	42.317	ng	
36) 4-Chloro-3-methylphenol	12.11	107	82600	43.377	ng	90
37) 2-Methylnaphthalene	12.45	142	167702	40.407	ng	98
38) 1-Methylnaphthalene	12.66	142	162790	41.224	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	108725	36.634	ng	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.79	237	104997	67.347	nq	100
43) 2,4,6-Trichlorophenol	13.07	196	67473	38.605	nq	91
44) 2,4,5-Trichlorophenol	13.16	196	73216	41.435	nq	97
46) 1,1'-Biphenyl	13.45	154	228132	37.394	nq	99
47) 2-Chloronaphthalene	13.50	162	178184	38.386	nq	97
48) 2-Nitroaniline	13.71	65	54339	39.167	nq	94
49) Acenaphthylene	14.35	152	296016	40.975	nq	98
50) Dimethylphthalate	14.08	163	301598	48.554	nq	99
51) 2,6-Dinitrotoluene	14.20	165	53736	39.821	nq #	90
52) Acenaphthene	14.69	154	172629	39.183	nq	96
53) 3-Nitroaniline	14.54	138	19635	15.071	nq	90
54) 2,4-Dinitrophenol	14.75	184	58481	70.365	nq	90
55) Dibenzofuran	15.02	168	289079	40.462	nq	97
56) 4-Nitrophenol	14.88	139	71128	81.467	nq	89
57) 2,4-Dinitrotoluene	14.99	165	78977	40.952	nq #	95
58) Fluorene	15.67	166	239128	39.906	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	73565	39.186	nq #	99
60) Diethylphthalate	15.44	149	246559	39.504	nq	98
61) 4-Chlorophenyl-phenylether	15.66	204	139266	39.839	nq	97
62) 4-Nitroaniline	15.71	138	51433	38.225	nq	98
63) Azobenzene	15.96	77	207505	41.080	nq	96
65) 4,6-Dinitro-2-methylphenol	15.76	198	51060	43.467	nq	94
66) n-Nitrosodiphenylamine	15.88	169	217518	38.598	nq	97
67) 4-Bromophenyl-phenylether	16.55	248	99842	37.167	nq	98
68) Hexachlorobenzene	16.68	284	109597	35.543	nq	99
69) Atrazine	16.82	200	93778	47.890	nq	94
70) Pentachlorophenol	17.03	266	100654	71.638	nq	98
71) Phenanthrene	17.41	178	394956	38.640	nq	99
72) Anthracene	17.50	178	409910	40.082	nq	100
73) Carbazole	17.78	167	360330	38.908	nq	99
74) Di-n-butylphthalate	18.32	149	442390	39.369	nq	99
75) Fluoranthene	19.42	202	532641	39.971	nq	98
77) Benzidine	19.60	184	286255	66.301	nq	98
78) Pyrene	19.79	202	533926	40.208	nq	99
80) Butylbenzylphthalate	20.67	149	197102	39.178	nq	98
81) Benzo(a)anthracene	21.61	228	553874	41.217	nq	99
82) 3,3'-Dichlorobenzidine	21.54	252	118485	22.796	nq	97
83) Chrysene	21.68	228	541415	40.550	nq	98
84) Bis(2-ethylhexyl)phthalate	21.51	149	289716	40.539	nq	98
85) Di-n-octyl phthalate	22.70	149	498334	41.101	nq	98
86) Indeno(1,2,3-cd)pyrene	28.44	276	694856	41.460	nq #	94
88) Benzo(b)fluoranthene	23.80	252	560786	38.868	nq	99
89) Benzo(k)fluoranthene	23.87	252	601076	41.382	nq	99
90) Benzo(a)pyrene	24.66	252	539498	39.157	nq	99
91) Dibenzo(a,h)anthracene	28.49	278	584878	41.502	nq	99
92) Benzo(g,h,i)perylene	29.57	276	575375	41.391	nq	97

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



#1

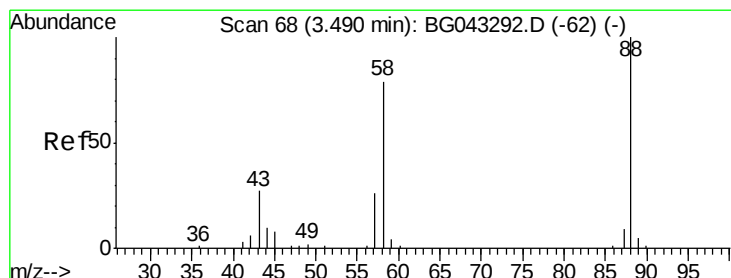
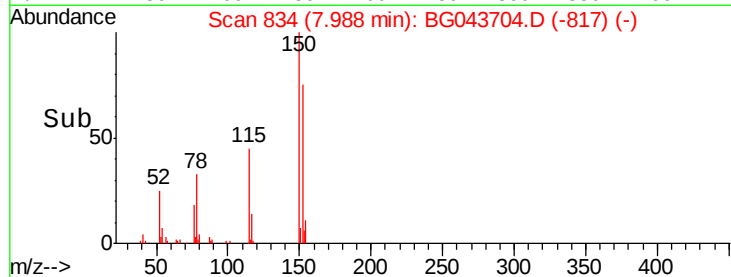
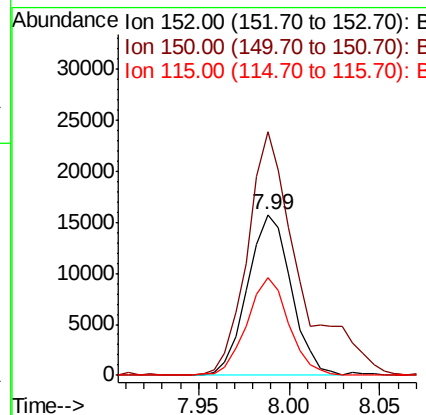
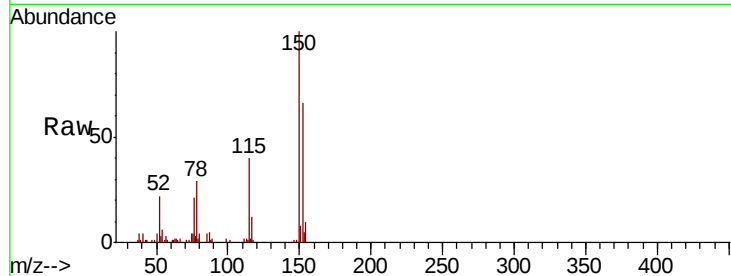
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.00 min
Lab File: BG043704.D
Acq: 19 Nov 2019 18:55

Instrument :
BNA_G
ClientSampleId :
2-(16-19)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.3	116.6	175.0
115	60.6	40.5	60.7

Manual Integrations
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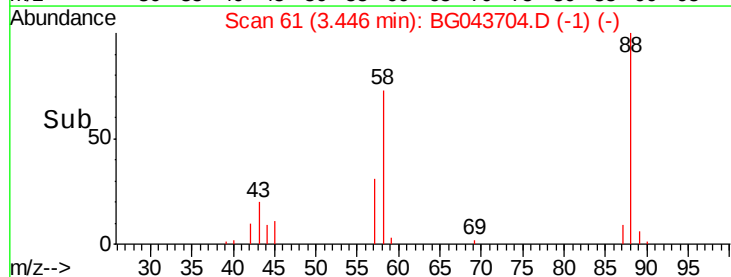
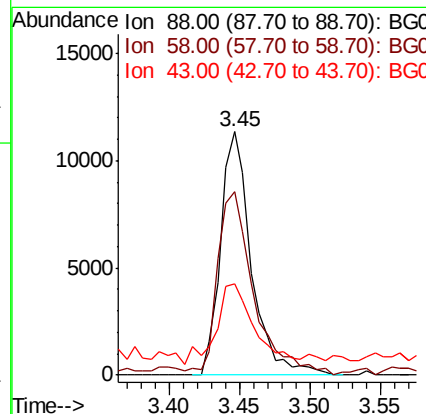
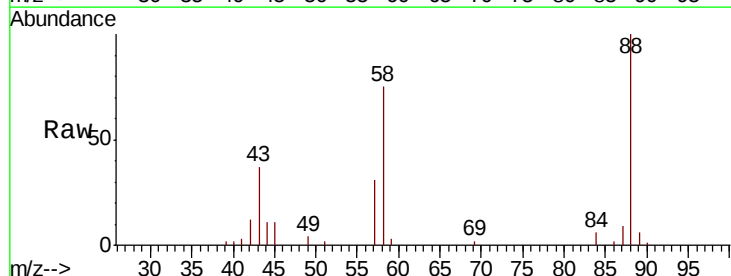
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#2

1,4-Dioxane
Concen: 30.738 ng
RT: 3.45 min Scan# 61
Delta R.T. -0.00 min
Lab File: BG043704.D
Acq: 19 Nov 2019 18:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.9	62.2	93.4
43	40.9	30.1	45.1





#3

Pvridine

Concen: 30.892 ng

RT: 3.85 min Scan# 129

Delta R.T. -0.01 min

Lab File: BG043704.D

Acq: 19 Nov 2019 18:55

Instrument :

BNA_G

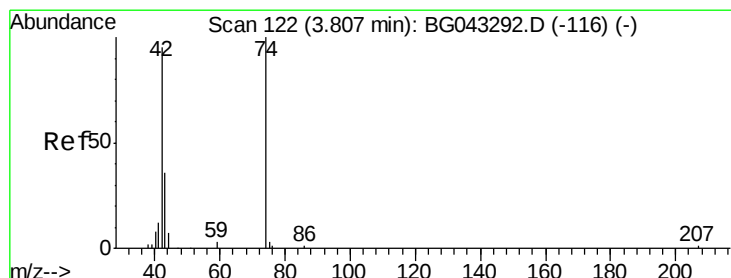
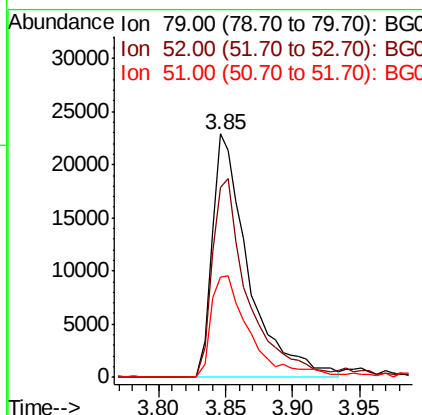
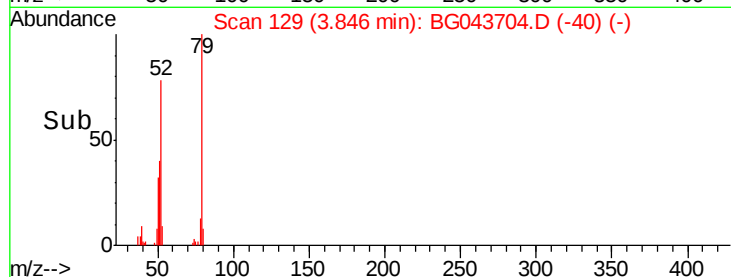
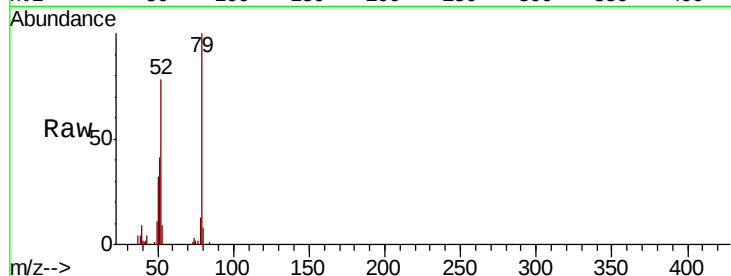
ClientSampleId :

2-(16-19)MS

Tot Ion:	79	Resp:	43588
Ion Ratio	Lower	Upper	
79	100		
52	77.9	63.2	94.8
51	41.1	34.5	51.7

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 43.276 ng

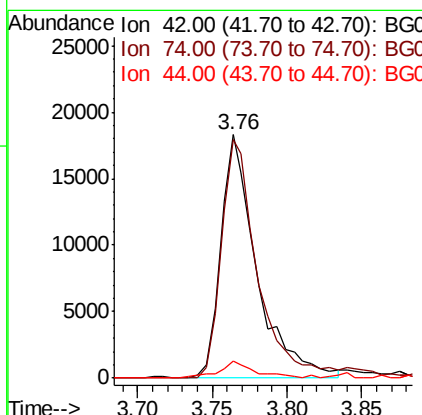
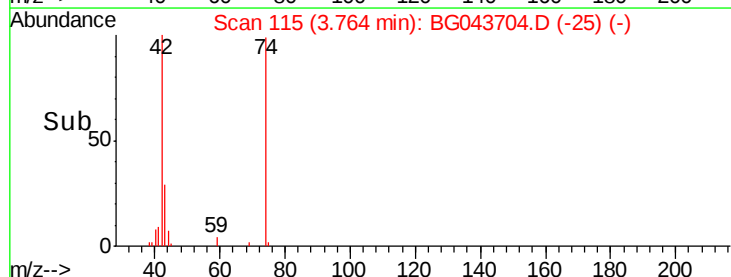
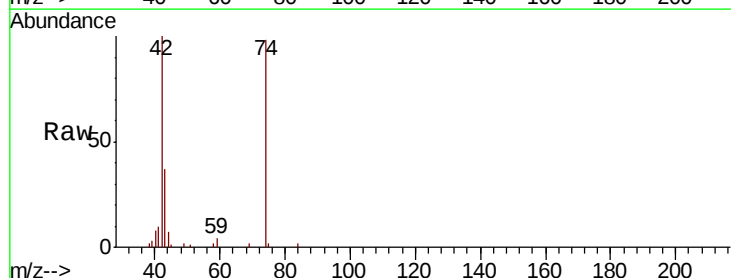
RT: 3.76 min Scan# 115

Delta R.T. -0.00 min

Lab File: BG043704.D

Acq: 19 Nov 2019 18:55

Tgt Ion:	42	Resp:	30812
Ion Ratio	Lower	Upper	
42	100		
74	98.0	83.0	124.6
44	6.8	4.4	6.6#





#5

2-Fluorophenol

Concen: 114.923 ng

RT: 5.58 min Scan# 425

Delta R.T. 0.00 min

Lab File: BG043704.D

Acq: 19 Nov 2019 18:55

Instrument :

BNA_G

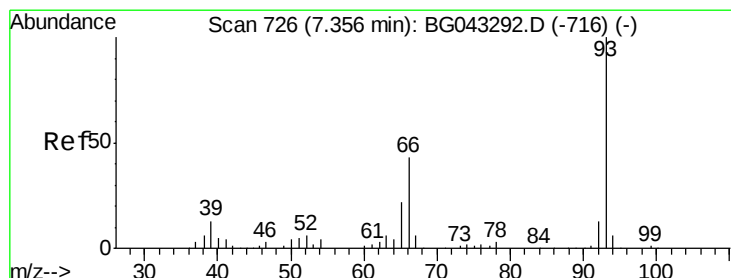
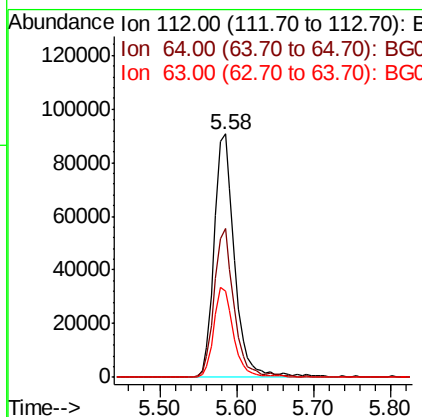
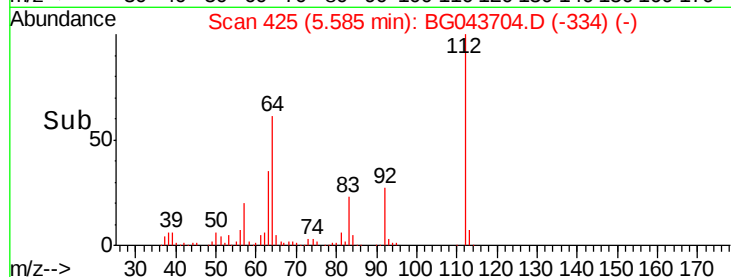
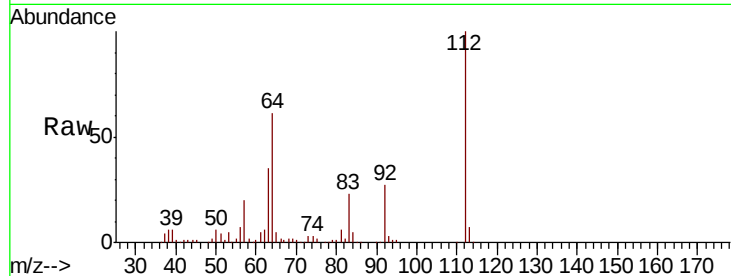
ClientSampleId :

2-(16-19)MS

Tot Ion:	112	Resp:	164954
Ion Ratio	Lower	Upper	
112	100		
64	61.1	50.6	75.8
63	35.4	30.5	45.7

Manual Integrations
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#6

Aniline

Concen: 21.634 ng

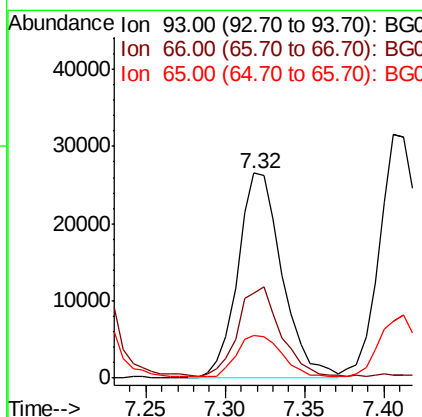
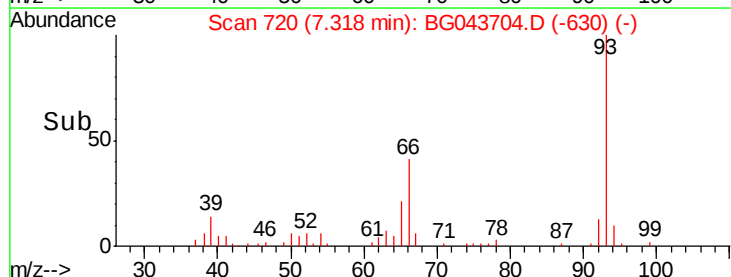
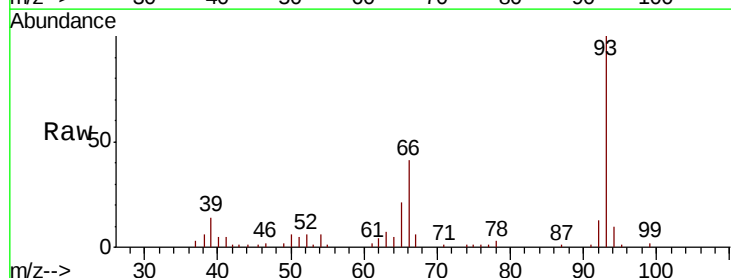
RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG043704.D

Acq: 19 Nov 2019 18:55

Tgt Ion:	93	Resp:	51465
Ion Ratio	Lower	Upper	
93	100		
66	41.3	35.4	53.2
65	20.9	17.1	25.7





#7

Phenol-d6

Concen: 114.303 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG043704.D

Acq: 19 Nov 2019 18:55

Instrument :

BNA_G

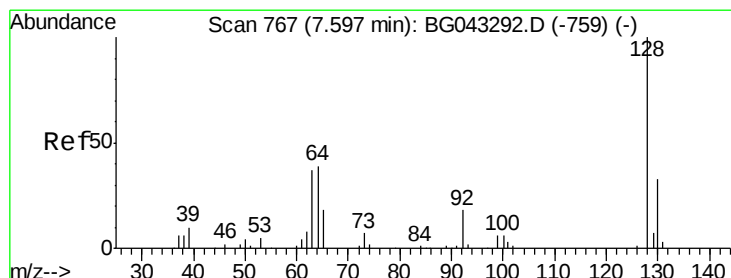
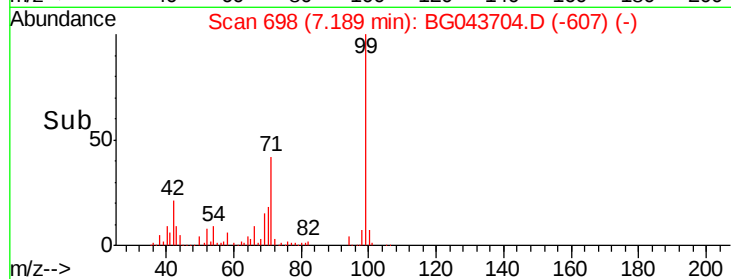
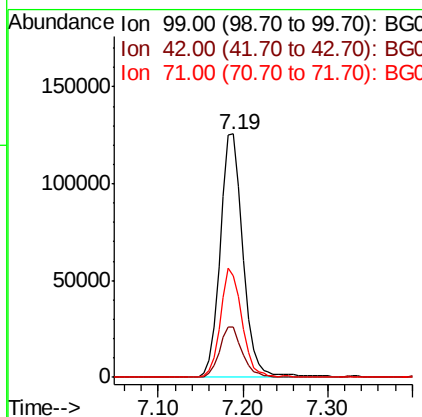
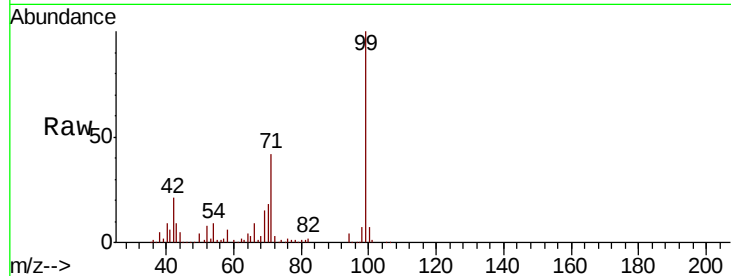
ClientSampleId :

2-(16-19)MS

Tot Ion:	99	Resp:	236050
Ion Ratio	Lower	Upper	
99	100		
42	20.8	15.8	23.8
71	41.6	34.4	51.6

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#8

2-Chlorophenol

Concen: 43.753 ng

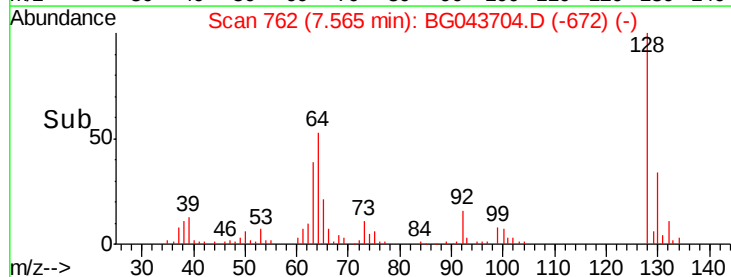
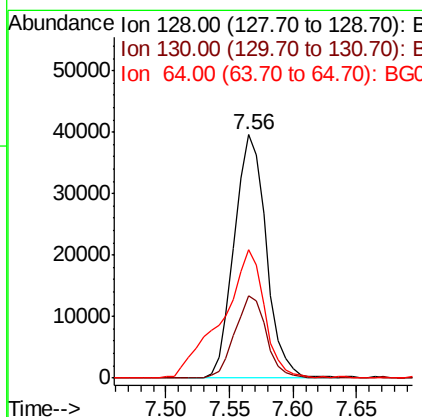
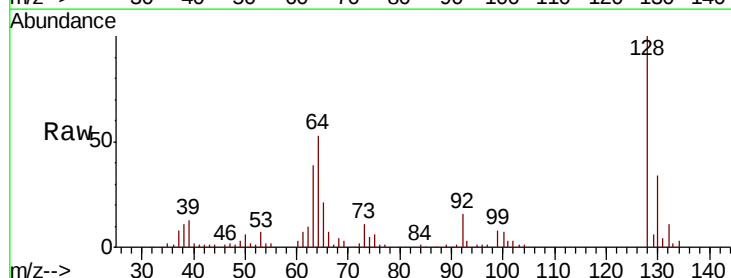
RT: 7.56 min Scan# 762

Delta R.T. -0.00 min

Lab File: BG043704.D

Acq: 19 Nov 2019 18:55

Tgt Ion:	128	Resp:	69324
Ion Ratio	Lower	Upper	
128	100		
130	33.6	14.5	54.5
64	52.9	29.2	69.2





#9

Benzaldehyde

Concen: 30.904 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.00 min

Lab File: BG043704.D

Acq: 19 Nov 2019 18:55

Instrument :

BNA_G

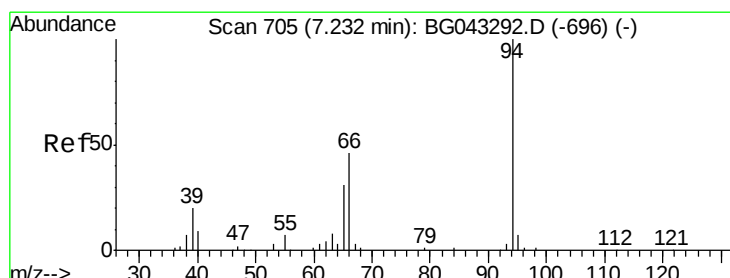
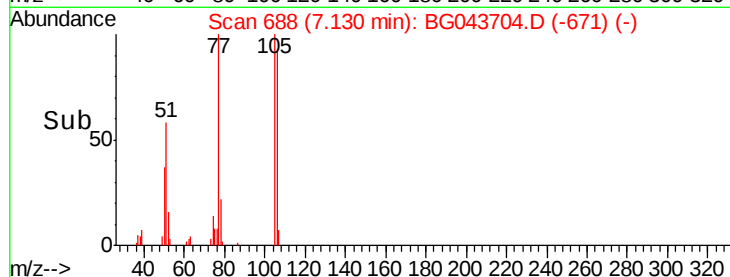
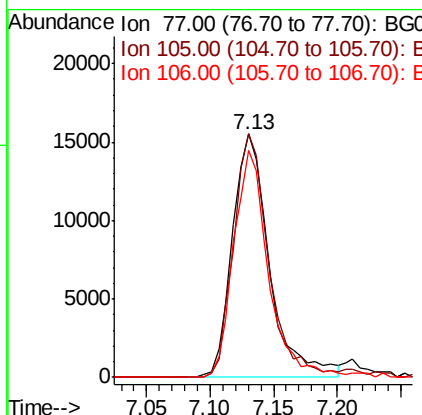
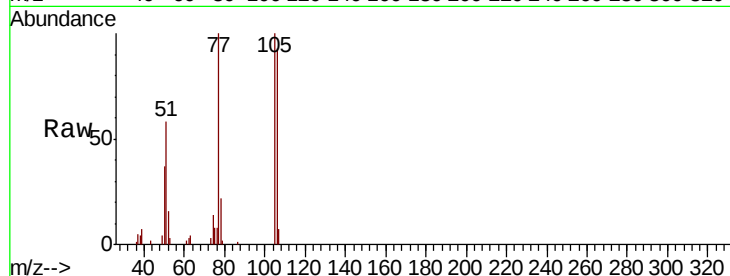
ClientSampleId :

2-(16-19)MS

Tot Ion:	77	Resp:	31364
Ion	Ratio	Lower	Upper
77	100		
105	100.2	84.9	124.9
106	93.3	75.1	115.1

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#10

Phenol

Concen: 50.429 ng

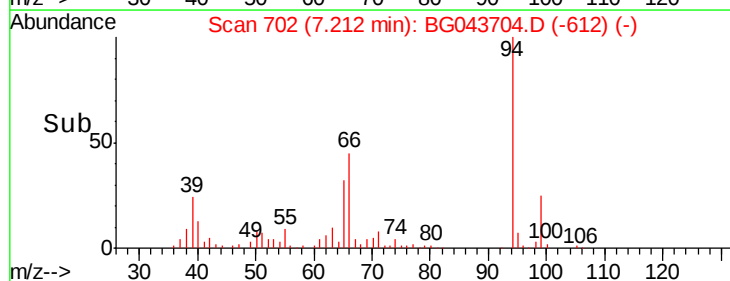
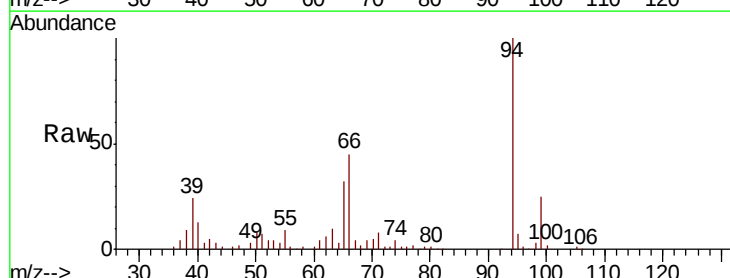
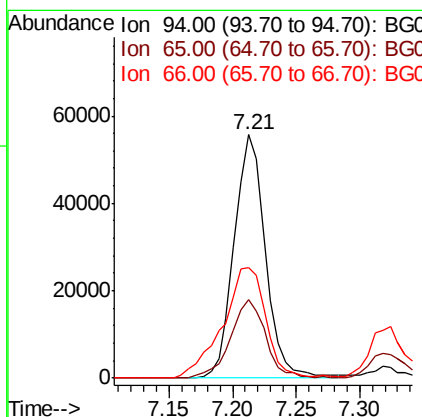
RT: 7.21 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG043704.D

Acq: 19 Nov 2019 18:55

Tgt Ion:	94	Resp:	95165
Ion	Ratio	Lower	Upper
94	100		
65	32.4	11.4	51.4
66	45.4	28.4	68.4





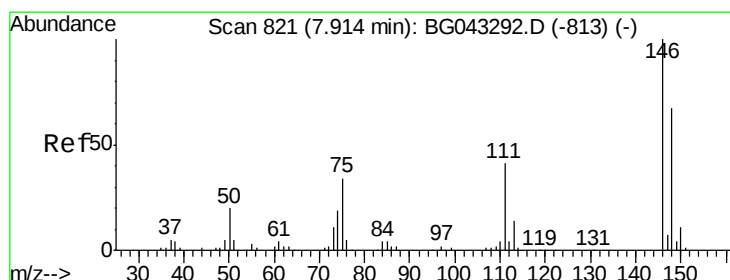
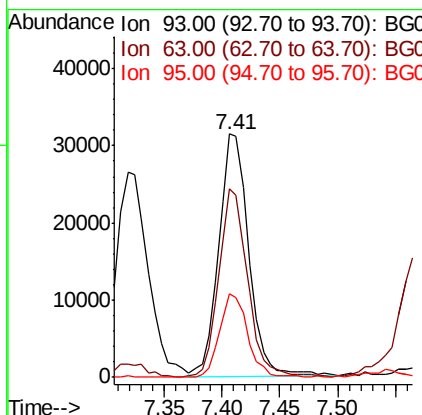
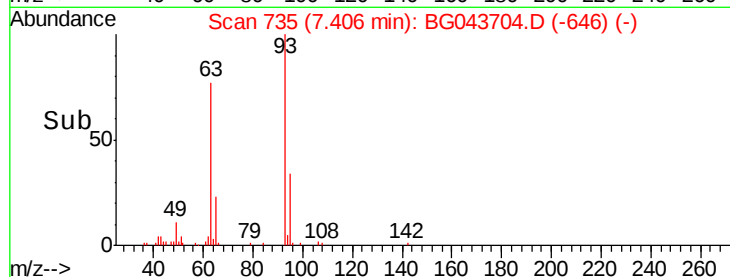
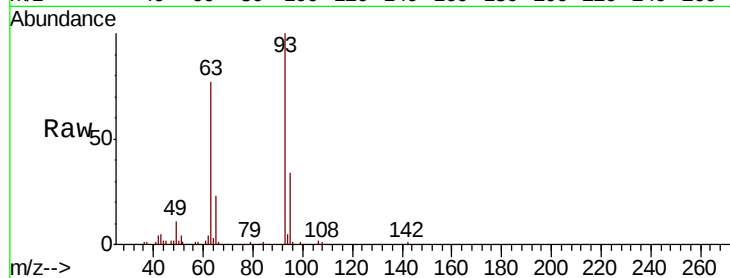
#11
 bis(2-Chloroethyl)ether
 Concen: 38.790 ng
 RT: 7.41 min Scan# 735
 Delta R.T. -0.01 min
 Lab File: BG043704.D
 Acq: 19 Nov 2019 18:55

Instrument :
 BNA_G
 ClientSampleId :
 2-(16-19)MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	77.3	54.9	94.9
95	34.1	7.2	47.2

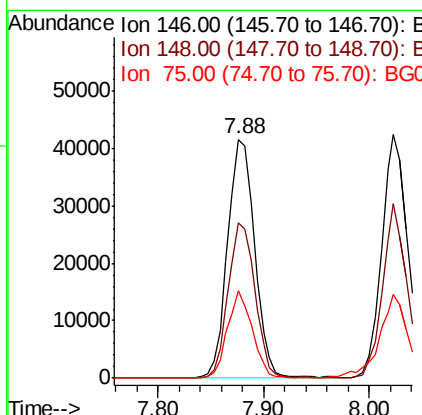
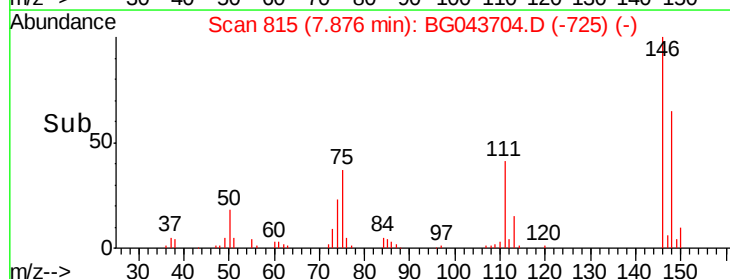
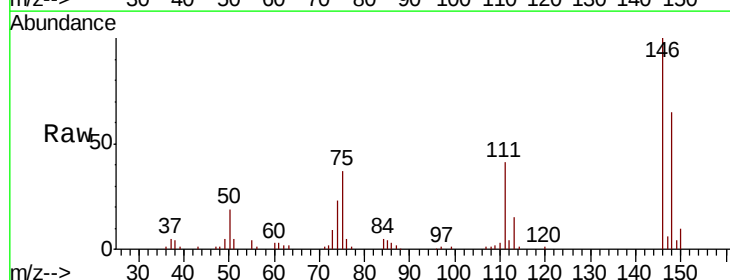
Manual Integrations
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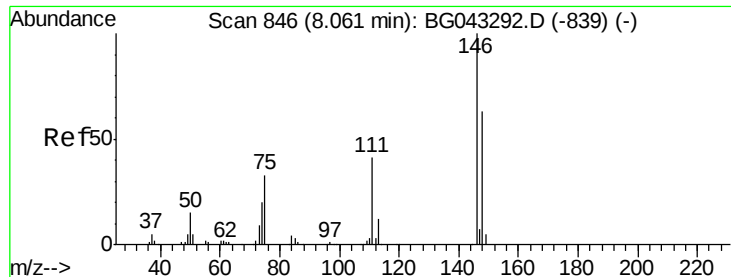
mohammad
 11/21/2019 9:04:12 AM



#12
 1,3-Dichlorobenzene
 Concen: 37.249 ng
 RT: 7.88 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BG043704.D
 Acq: 19 Nov 2019 18:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.4	77.2
75	36.7	26.2	39.2





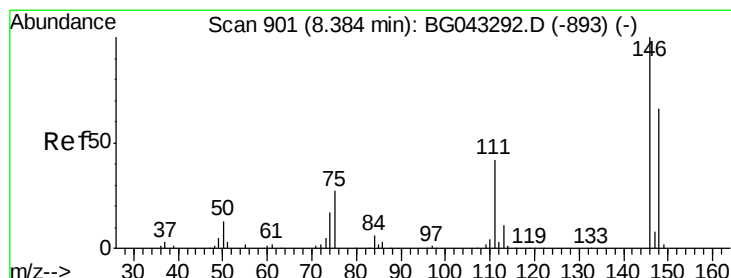
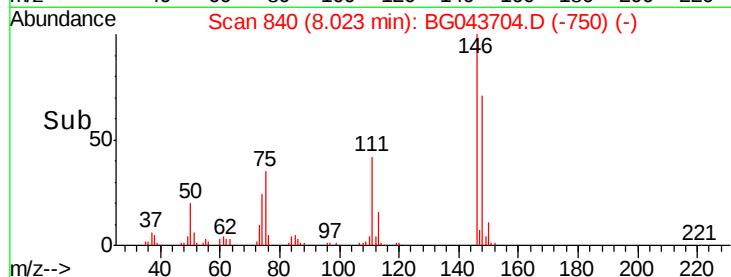
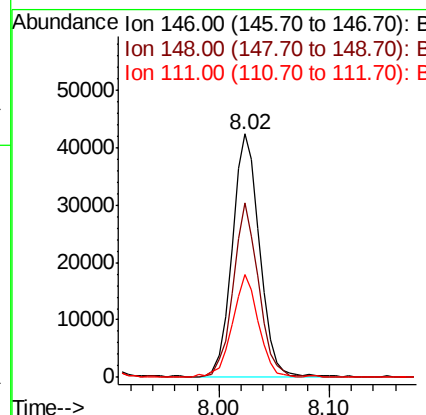
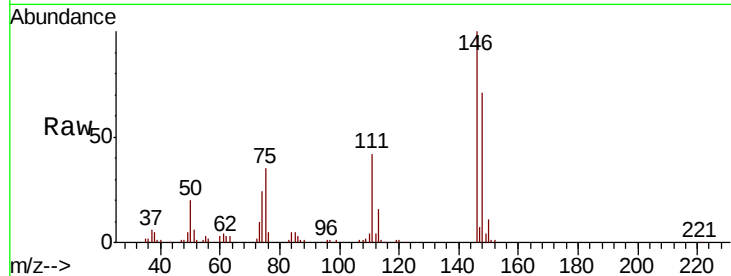
#13
 1,4-Dichlorobenzene
 Concen: 36.638 ng
 RT: 8.02 min Scan# 840
 Delta R.T. -0.00 min
 Lab File: BG043704.D
 Acq: 19 Nov 2019 18:55

Instrument :
 BNA_G
 ClientSampleId :
 2-(16-19)MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	71.4	51.0	76.6
111	42.5	34.3	51.5

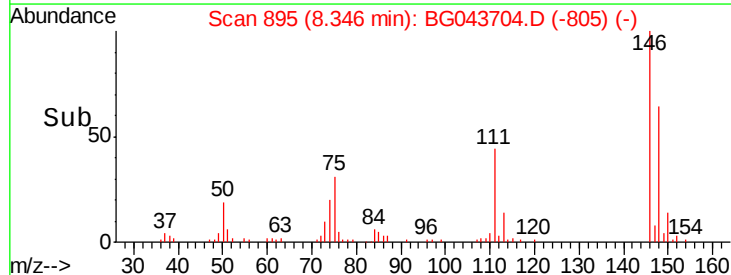
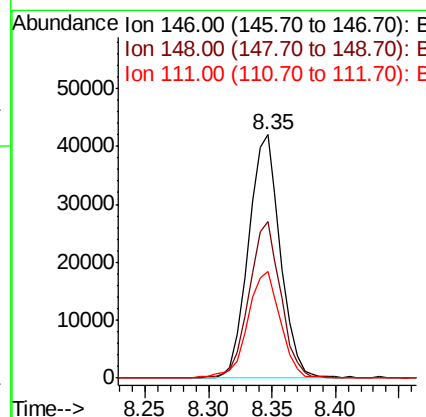
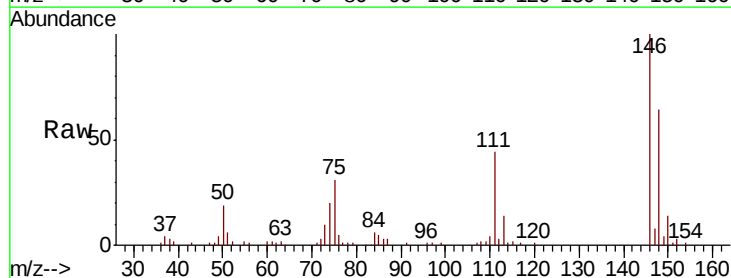
Manual Integrations
 APPROVED

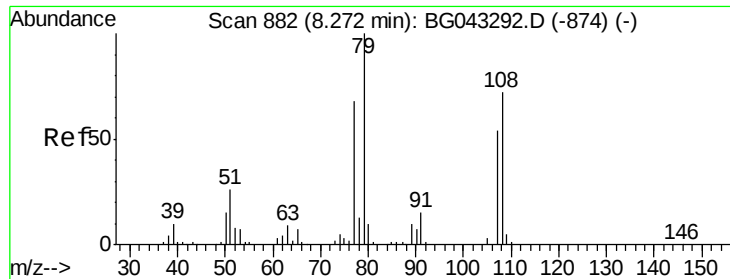
mohammad
 11/21/2019 9:04:12 AM



#14
 1,2-Dichlorobenzene
 Concen: 37.187 ng
 RT: 8.35 min Scan# 895
 Delta R.T. -0.00 min
 Lab File: BG043704.D
 Acq: 19 Nov 2019 18:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	53.4	80.2
111	44.1	35.3	52.9





#15

Benzyl Alcohol

Concen: 36.991 ng

RT: 8.24 min Scan# 877

Delta R.T. 0.00 min

Lab File: BG043704.D

Acq: 19 Nov 2019 18:55

Instrument :

BNA_G

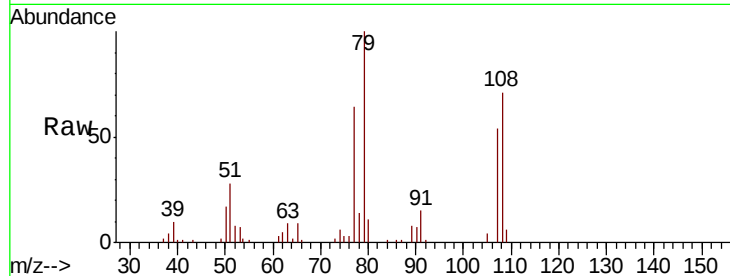
ClientSampleId :

2-(16-19)MS

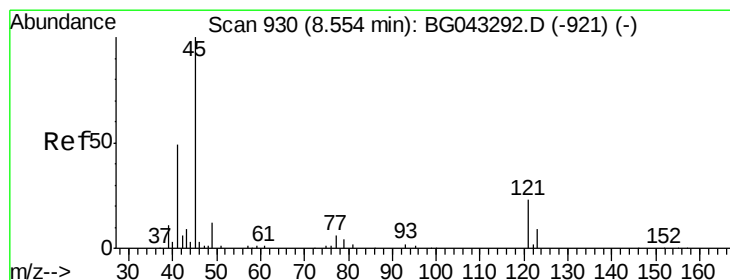
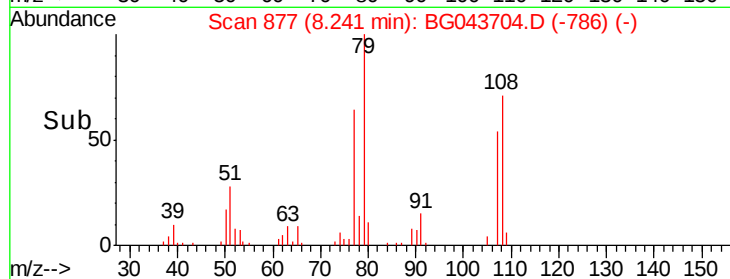
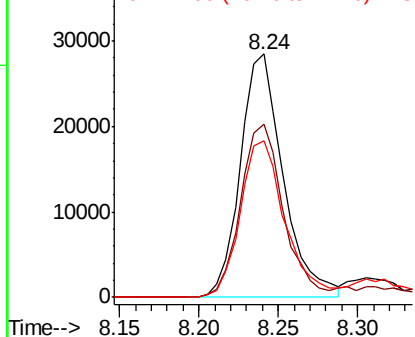
Tot Ion:	79	Resp:	53649
Ion Ratio	Lower	Upper	
79	100		
108	71.2	56.0	84.0
77	64.1	47.9	71.9

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Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.086 ng

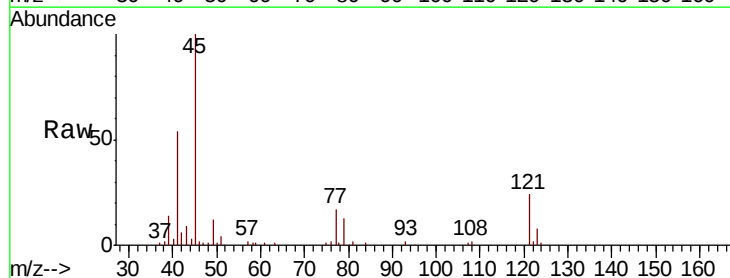
RT: 8.52 min Scan# 924

Delta R.T. 0.00 min

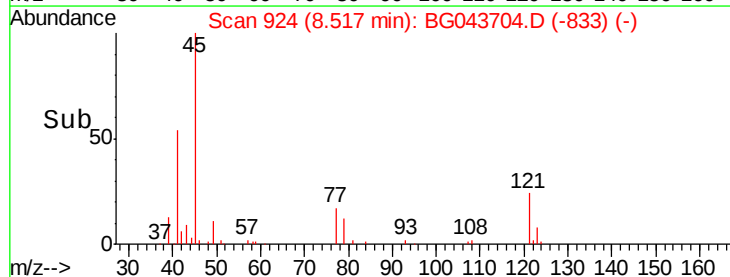
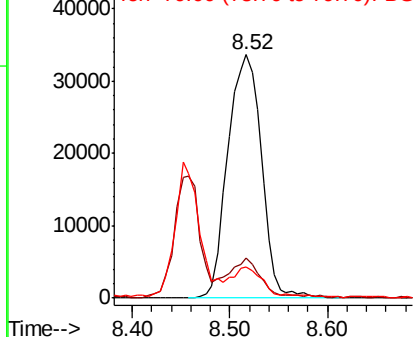
Lab File: BG043704.D

Acq: 19 Nov 2019 18:55

Tgt Ion:	45	Resp:	80799
Ion Ratio	Lower	Upper	
45	100		
77	16.6	0.0	35.2
79	12.8	0.0	32.4



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 42.913 ng

RT: 8.46 min Scan# 914

Delta R.T. 0.00 min

Lab File: BG043704.D

Acq: 19 Nov 2019 18:55

Instrument :

BNA_G

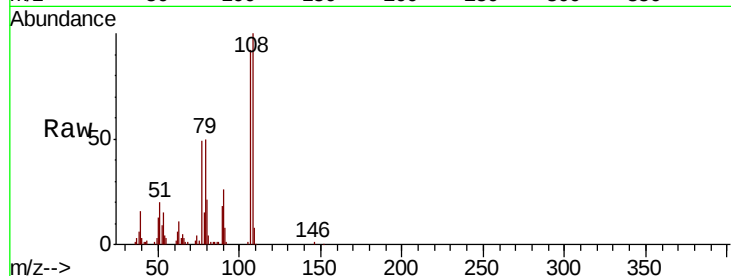
ClientSampleId :

2-(16-19)MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.5	84.7	127.1	
77	53.0	46.2	69.4	
79	54.2	41.0	61.6	

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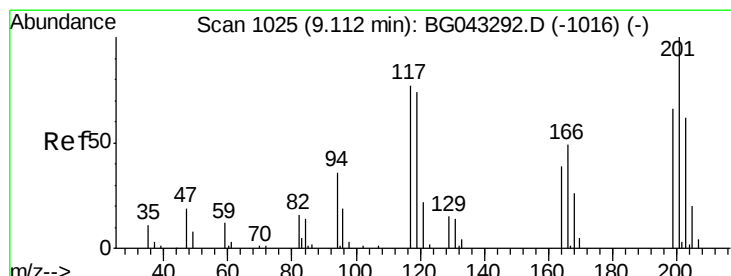
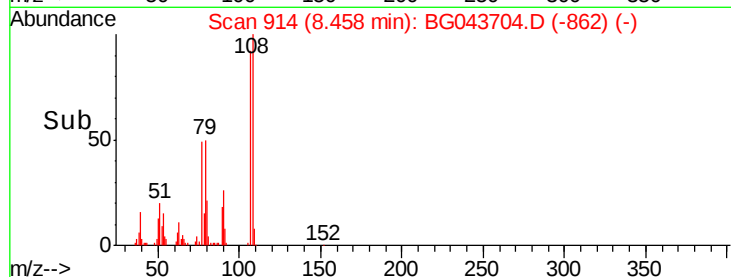
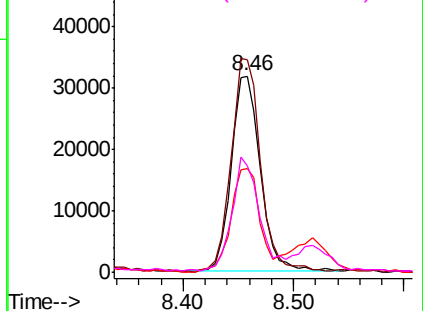
Abundance

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: 37.100 ng

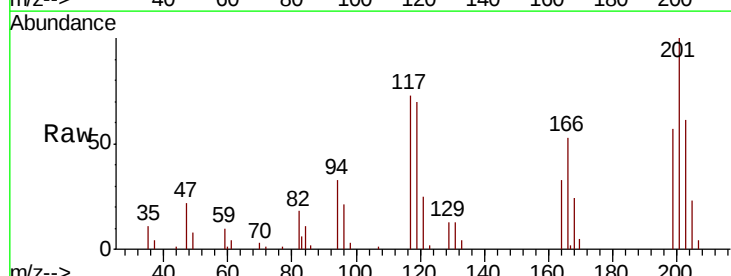
RT: 9.07 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BG043704.D

Acq: 19 Nov 2019 18:55

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.3	81.7	122.5	
201	136.6	98.6	147.8	

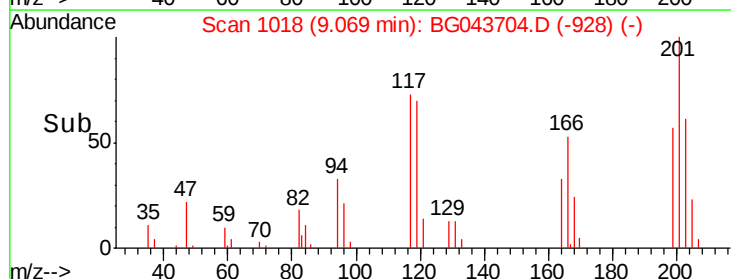
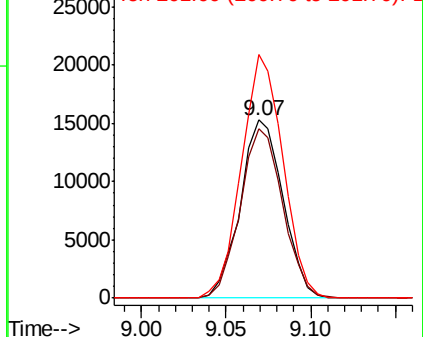


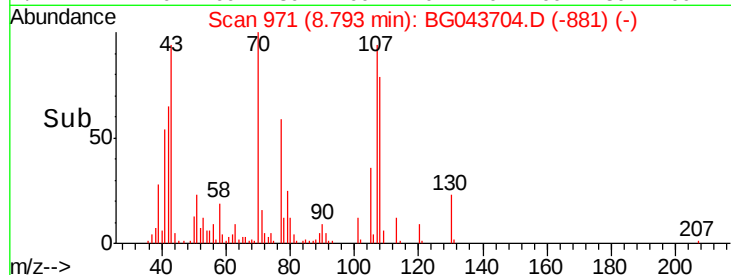
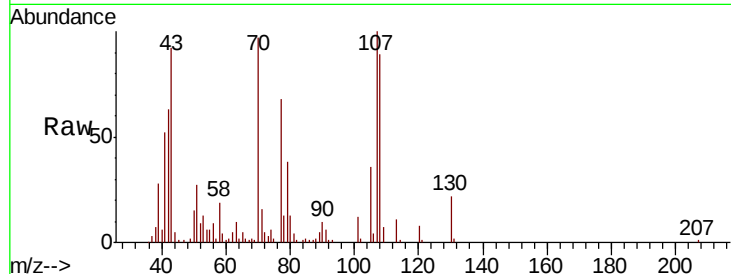
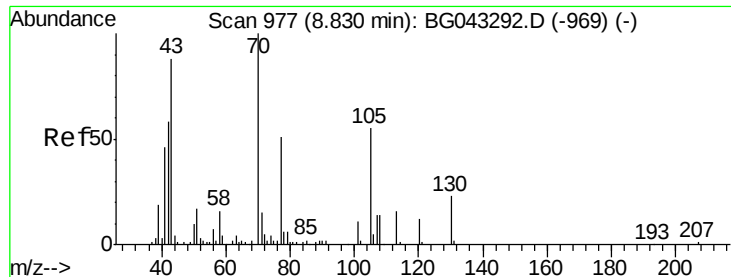
Abundance

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





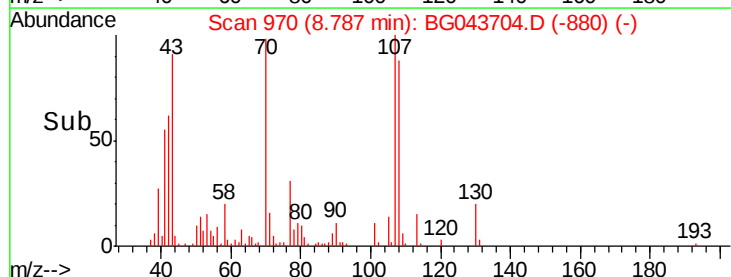
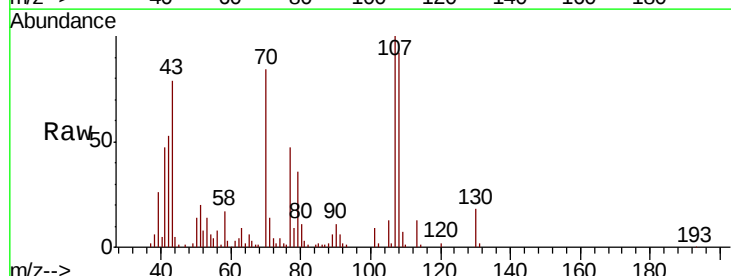
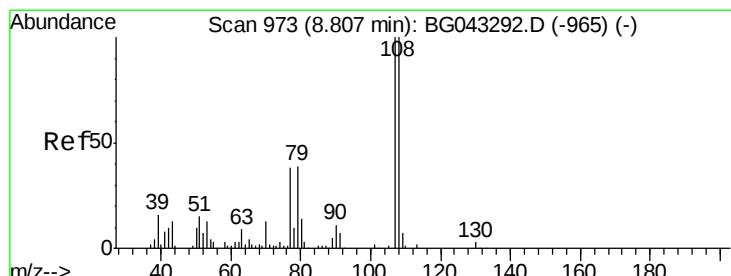
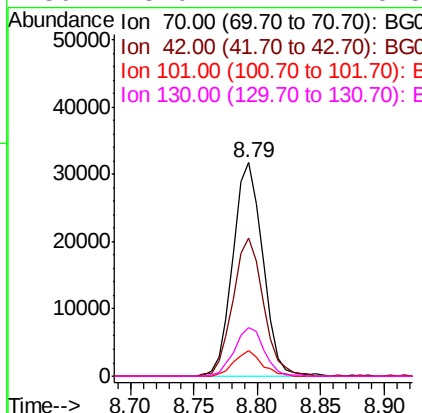
#19
n-Nitroso-di-n-propylamine
Concen: 38.799 ng
RT: 8.79 min Scan# 971
Delta R.T. -0.00 min
Lab File: BG043704.D
Acq: 19 Nov 2019 18:55

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	65.0	49.7	74.5	
101	12.2	9.7	14.5	
130	23.0	17.7	26.5	

Instrument :
BNA_G
ClientSampleId :
2-(16-19)MS

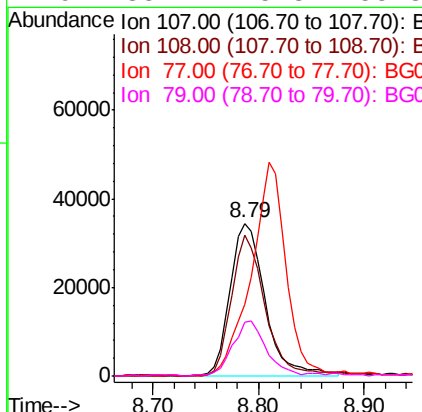
Manual Integrations
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#20
3+4-Methylphenols
Concen: 42.095 ng
RT: 8.79 min Scan# 970
Delta R.T. -0.00 min
Lab File: BG043704.D
Acq: 19 Nov 2019 18:55

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	92.4	69.5	109.5	
77	46.8	32.8	72.8	
79	35.7	15.3	55.3	





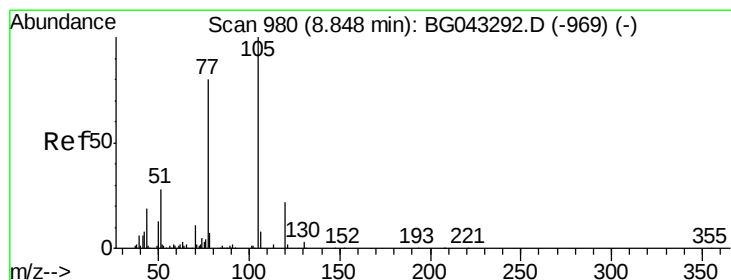
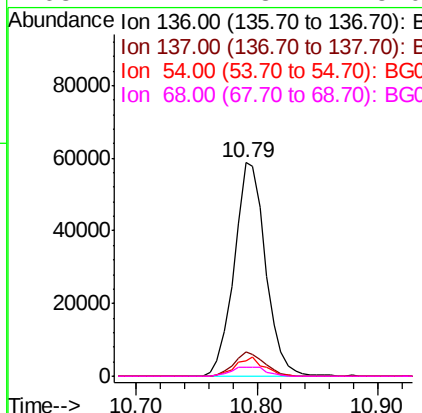
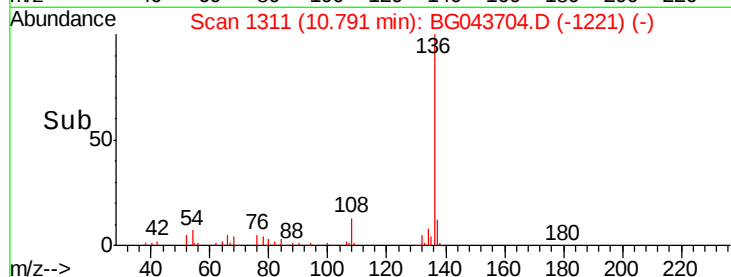
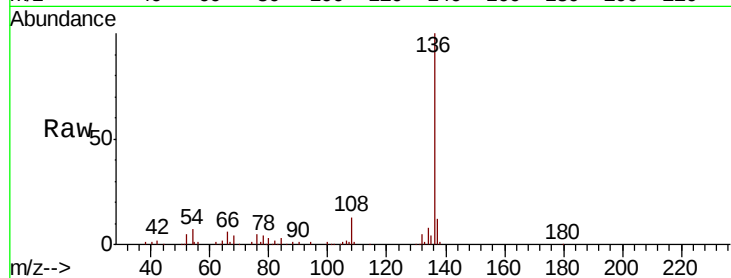
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.79 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BG043704.D
Acq: 19 Nov 2019 18:55

Instrument :
BNA_G
ClientSampleId :
2-(16-19)MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	106564		
137	11.5		8.8	13.2
54	7.3		6.2	9.2
68	4.1		3.4	5.0

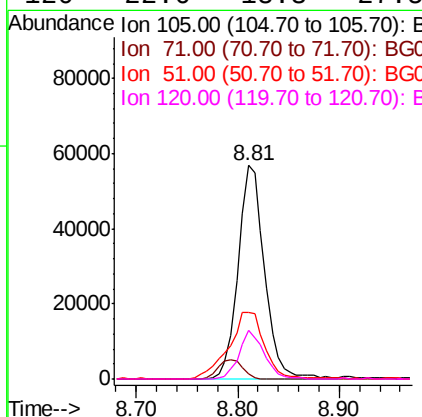
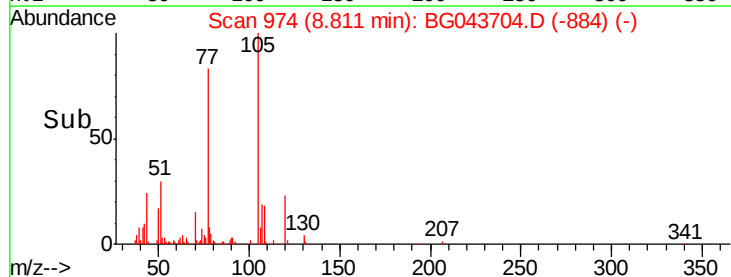
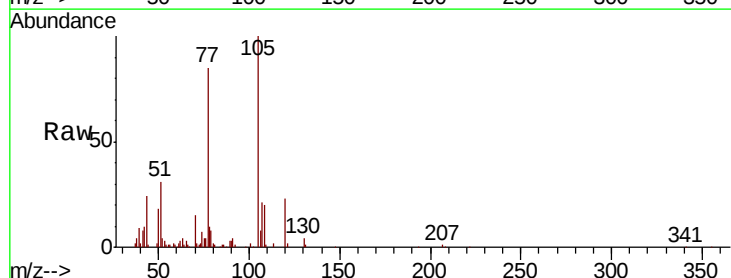
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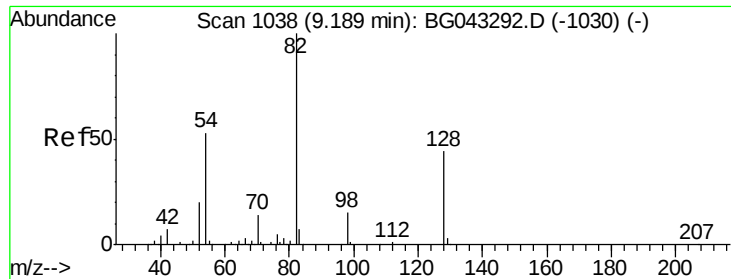
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#22
Acetophenone
Concen: 37.683 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG043704.D
Acq: 19 Nov 2019 18:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	102837		
71	2.5		1.5	2.3#
51	31.2		25.0	37.6
120	22.6		18.3	27.5





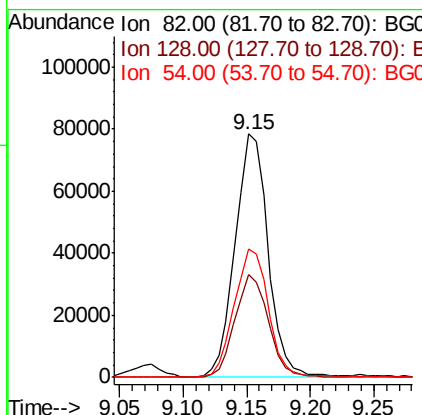
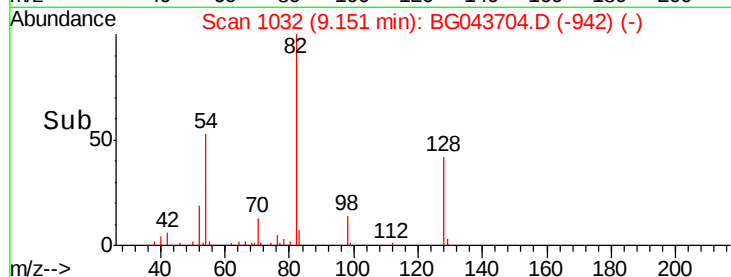
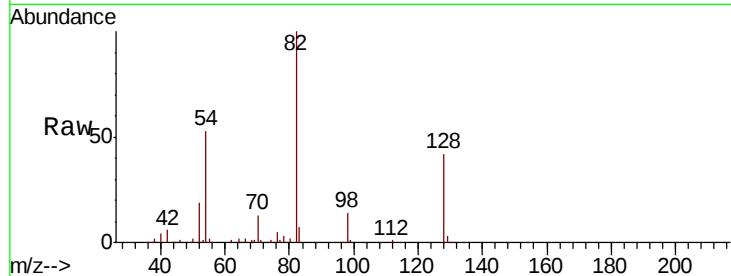
#23
Nitrobenzene-d5
Concen: 68.704 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BG043704.D
Acq: 19 Nov 2019 18:55

Instrument :
BNA_G
ClientSampleId :
2-(16-19)MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.2	34.2	51.4
54	52.9	44.7	67.1

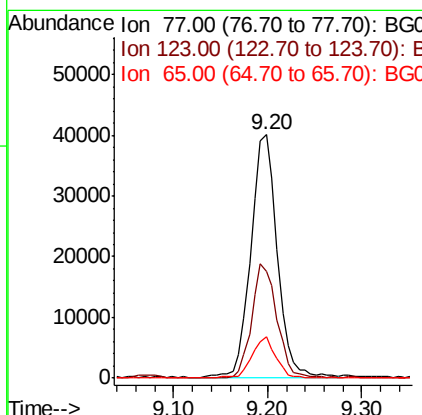
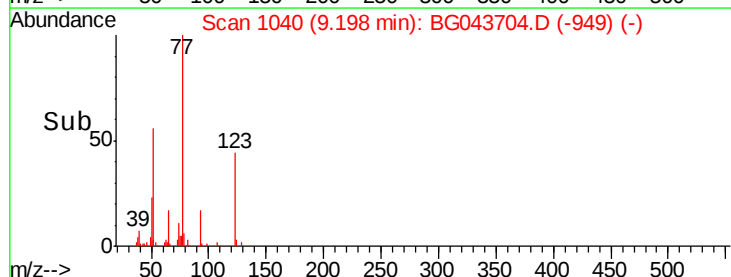
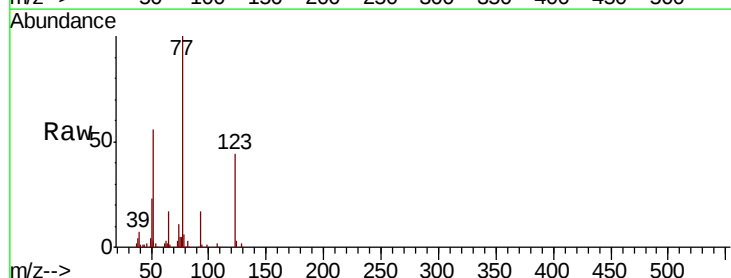
Manual Integrations
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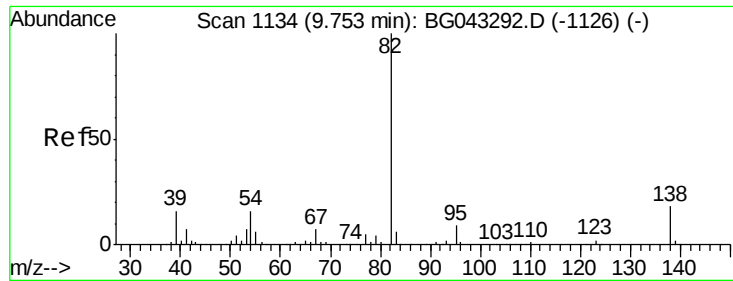
mohammad
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#24
Nitrobenzene
Concen: 40.057 ng
RT: 9.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BG043704.D
Acq: 19 Nov 2019 18:55

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.7	33.6	50.4
65	16.9	12.9	19.3





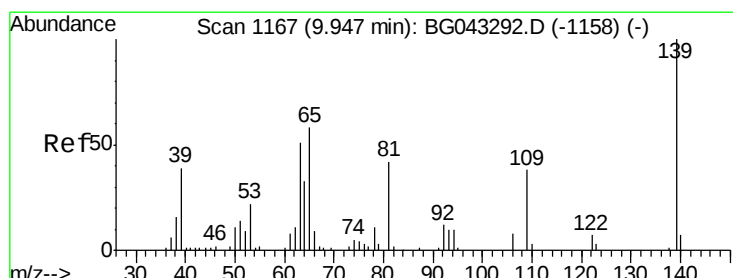
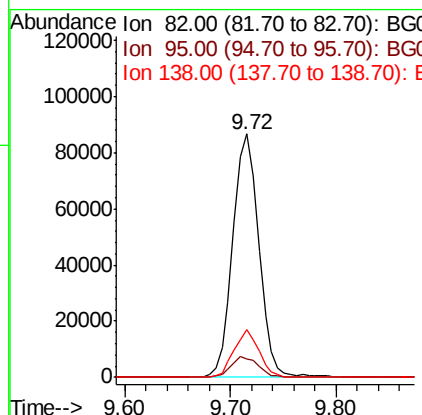
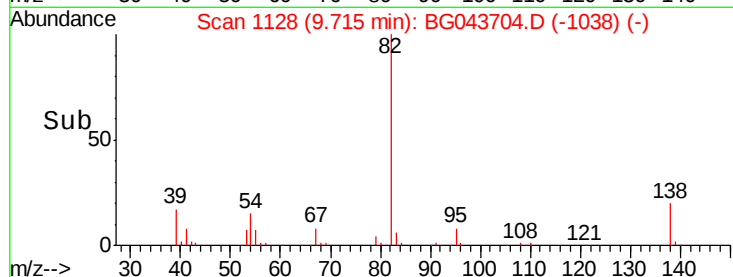
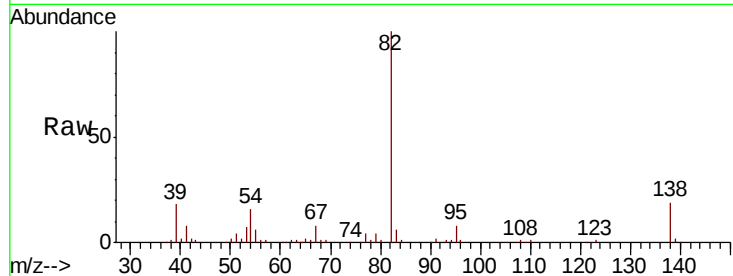
#25
Isophorone
Concen: 39.215 ng
RT: 9.72 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BG043704.D
Acq: 19 Nov 2019 18:55

Instrument :
BNA_G
ClientSampleId :
2-(16-19)MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	148195		
95	7.7		7.4	11.0
138	19.4		15.1	22.7

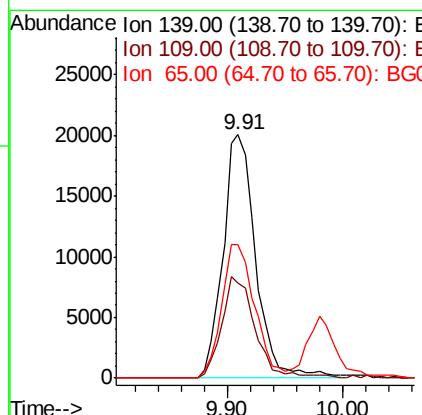
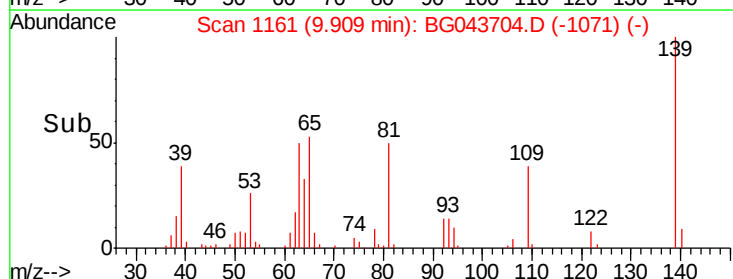
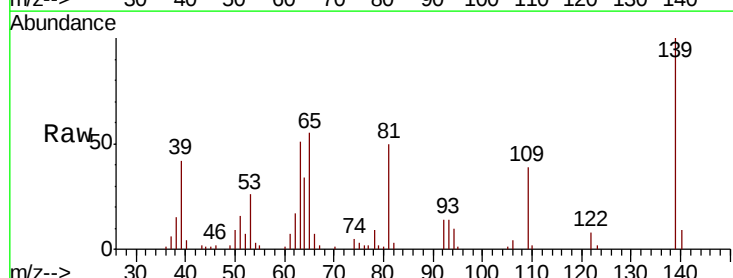
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#26
2-Nitrophenol
Concen: 41.191 ng
RT: 9.91 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BG043704.D
Acq: 19 Nov 2019 18:55

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	39157		
109	39.0		32.6	48.8
65	54.8		47.6	71.4





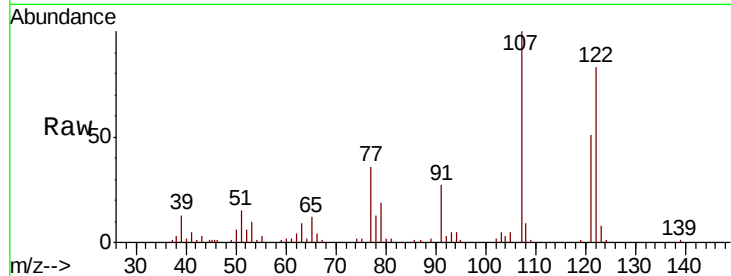
#27
2,4-Dimethylphenol
Concen: 48.911 ng
RT: 9.98 min Scan# 1173
Delta R.T. -0.00 min
Lab File: BG043704.D
Acq: 19 Nov 2019 18:55

Instrument :
BNA_G
ClientSampleId :
2-(16-19)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		66642		
107	119.9	100.7	151.1		
121	61.6	47.0	70.4		

Manual Integrations
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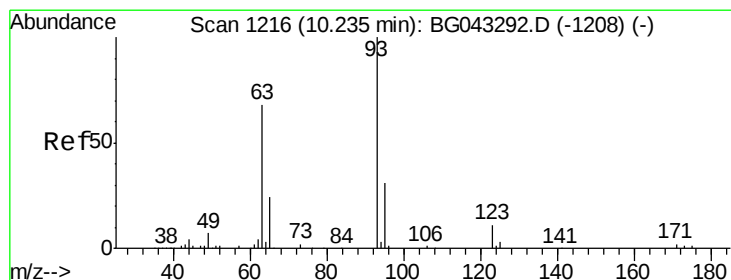
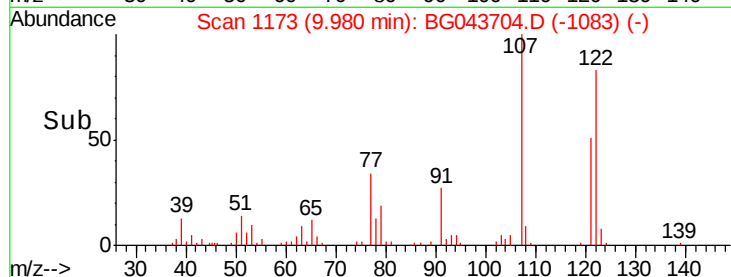
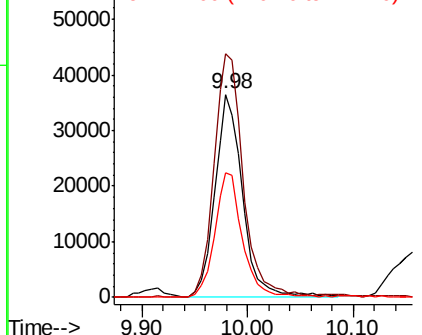


Abundance

Ion 122.00 (121.70 to 122.70): E

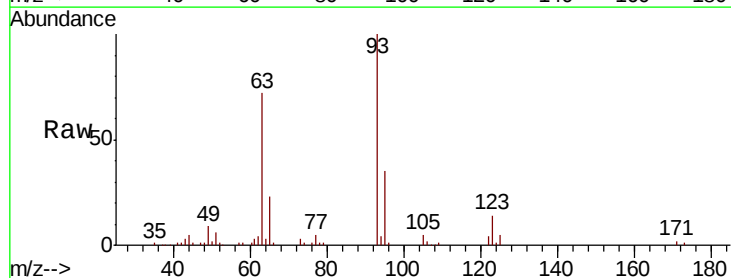
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 37.348 ng
RT: 10.20 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BG043704.D
Acq: 19 Nov 2019 18:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		77899		
95	35.2	27.5	41.3		
123	13.8	10.7	16.1		

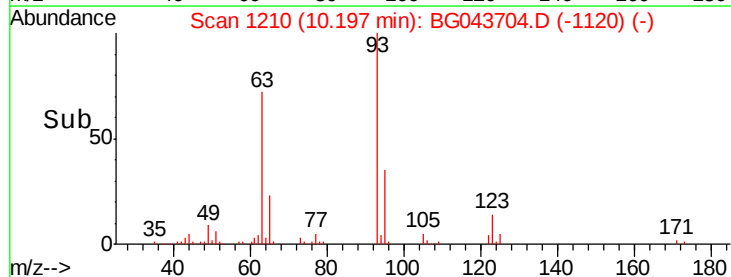
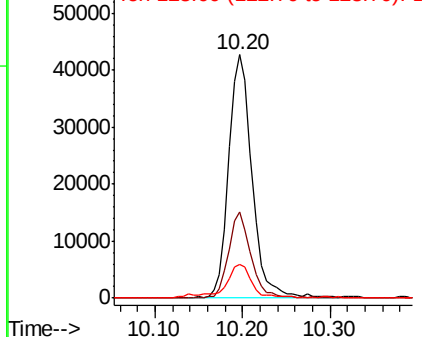


Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





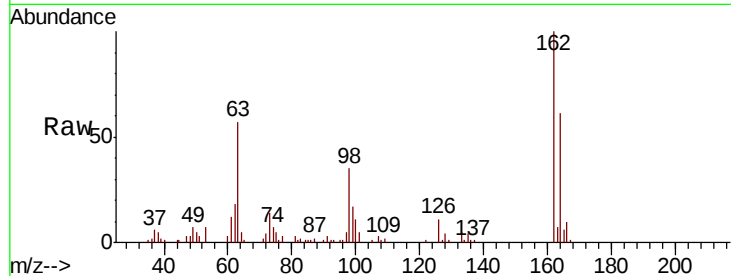
#29
2,4-Dichlorophenol
Concen: 42.312 ng
RT: 10.46 min Scan# 1255
Delta R.T. -0.00 min
Lab File: BG043704.D
Acq: 19 Nov 2019 18:55

Instrument :
BNA_G
ClientSampleId :
2-(16-19)MS

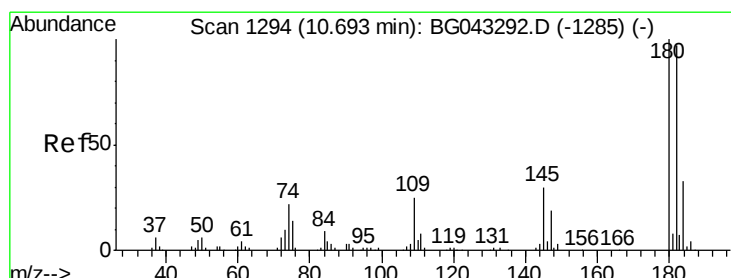
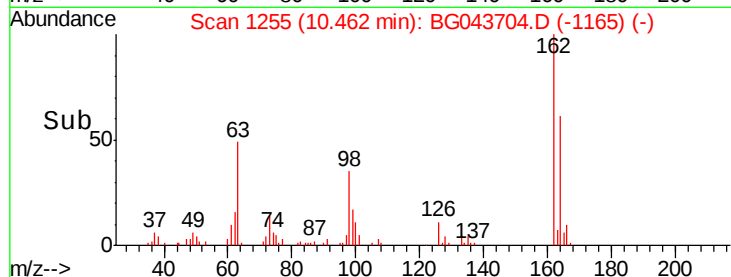
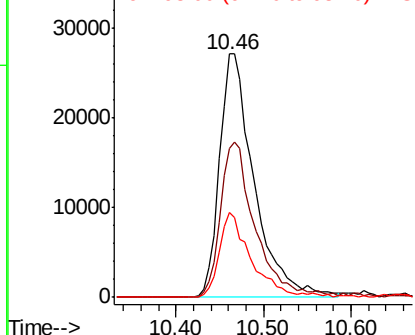
Tot Ion	Ratio	Lower	Upper
162	100		
164	60.9	45.4	85.4
98	34.7	10.1	50.1

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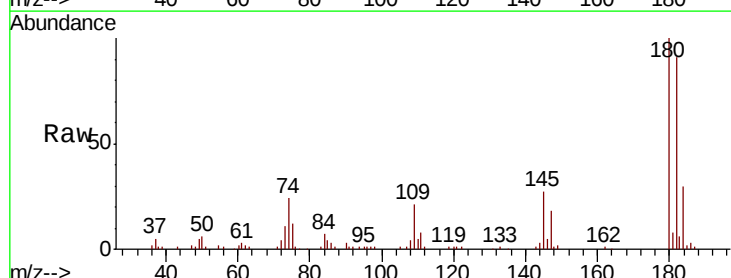


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BGC

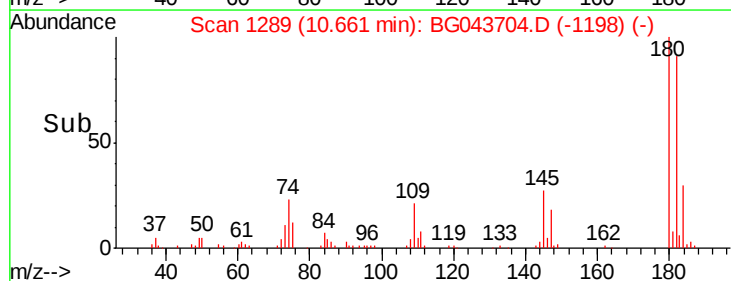
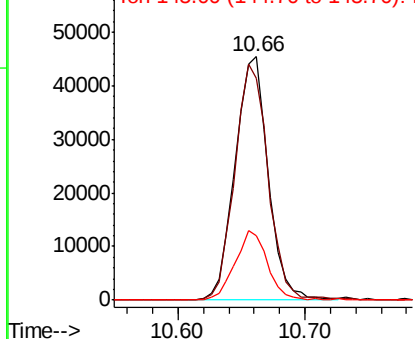


#30
1,2,4-Trichlorobenzene
Concen: 37.452 ng
RT: 10.66 min Scan# 1289
Delta R.T. 0.00 min
Lab File: BG043704.D
Acq: 19 Nov 2019 18:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.3	74.5	111.7
145	26.6	21.4	32.0



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





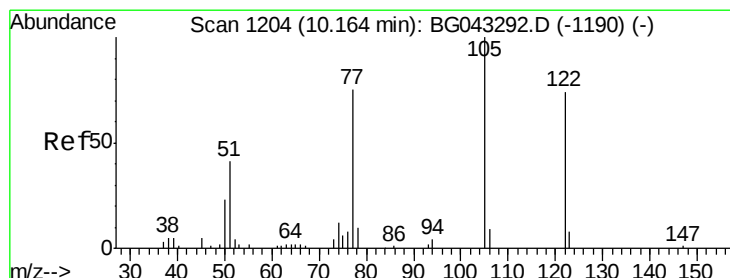
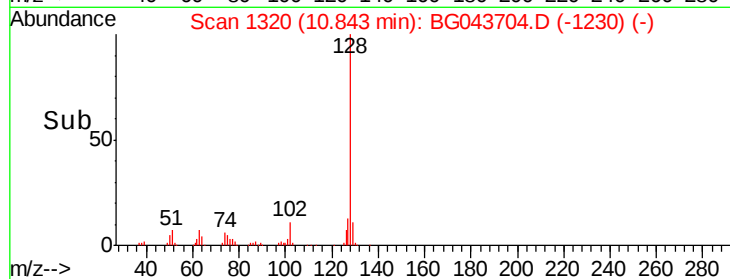
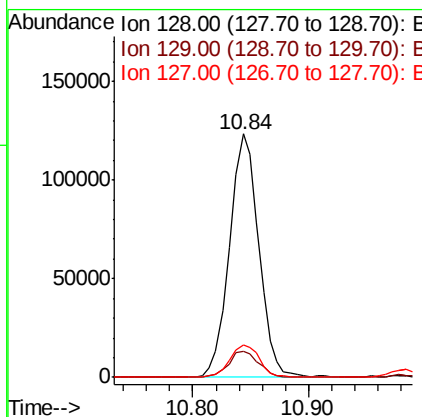
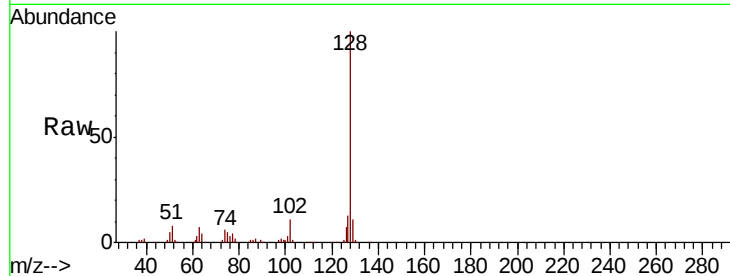
#31
Naphthalene
Concen: 40.102 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG043704.D
Acq: 19 Nov 2019 18:55

Instrument :
BNA_G
ClientSampleId :
2-(16-19)MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.5	14.3
127	13.3	11.0	16.4

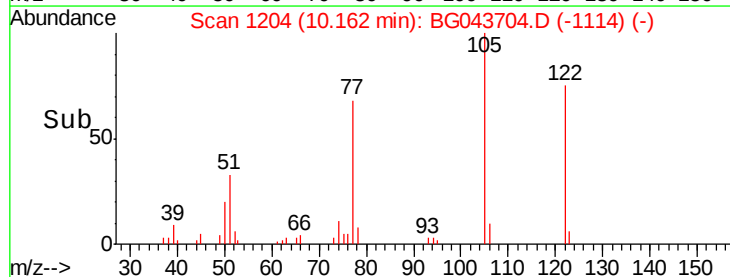
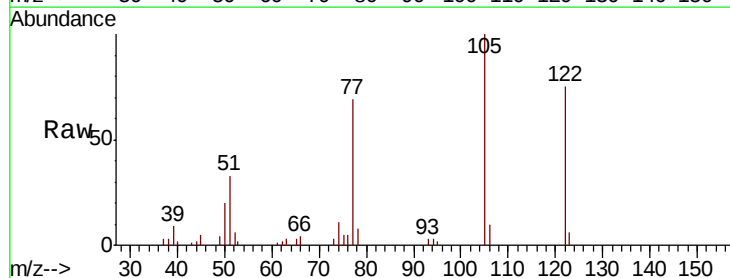
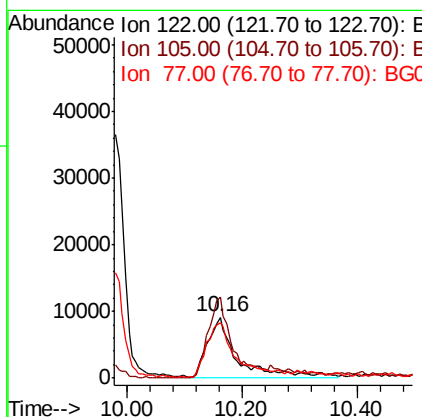
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#32
Benzoic acid
Concen: 35.160 ng m
RT: 10.16 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BG043704.D
Acq: 19 Nov 2019 18:55

Tgt Ion	Ratio	Lower	Upper
122	100		
105	132.9	101.8	141.8
77	91.7	86.8	126.8





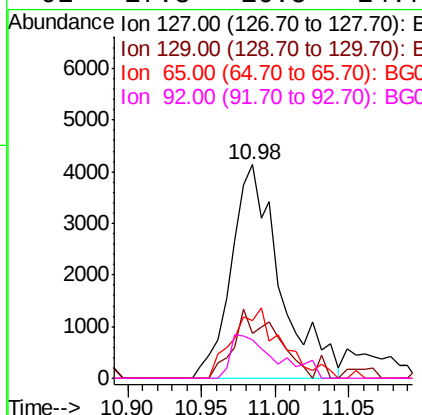
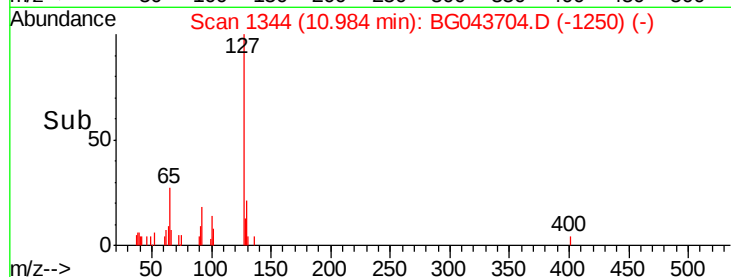
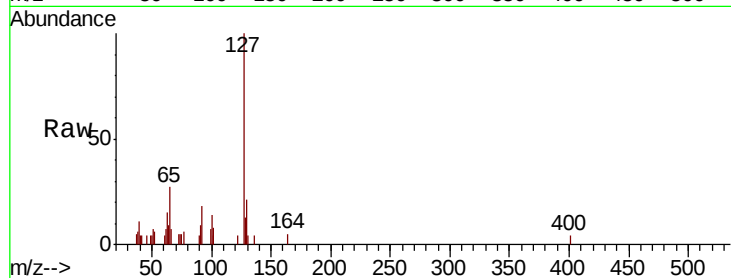
#33
4-Chloroaniline
Concen: 4.306 ng/mL
RT: 10.98 min Scan# 1344
Delta R.T. 0.02 min
Lab File: BG043704.D
Acq: 19 Nov 2019 18:55

Instrument :
BNA_G
ClientSampleId :
2-(16-19)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	20.8	28.0	42.0#		
65	27.2	28.3	42.5#		
92	17.8	16.5	24.7		

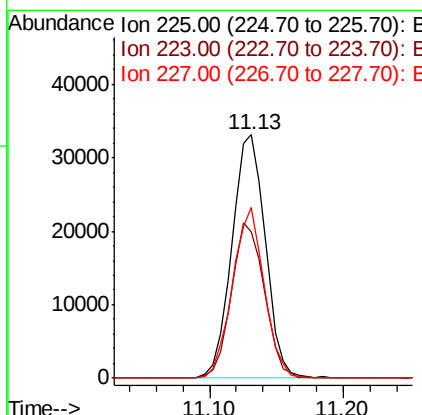
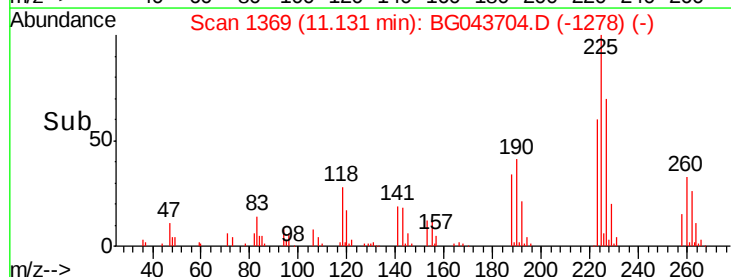
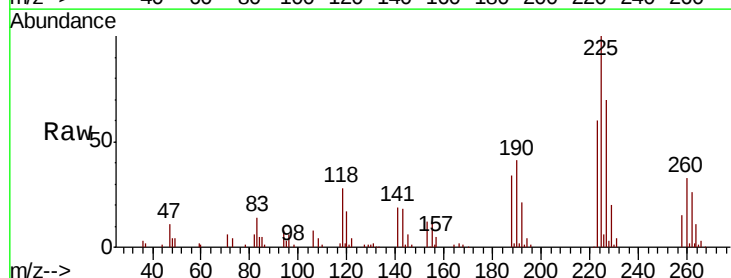
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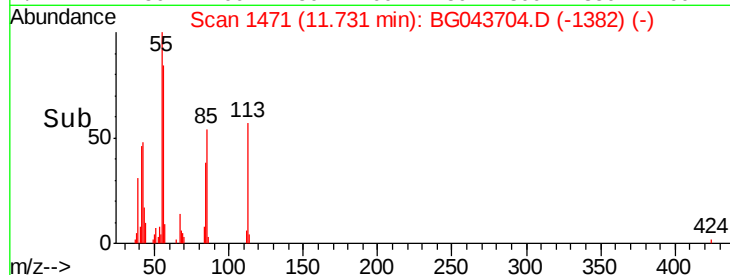
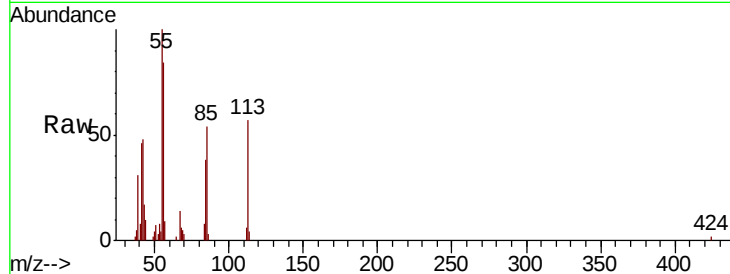
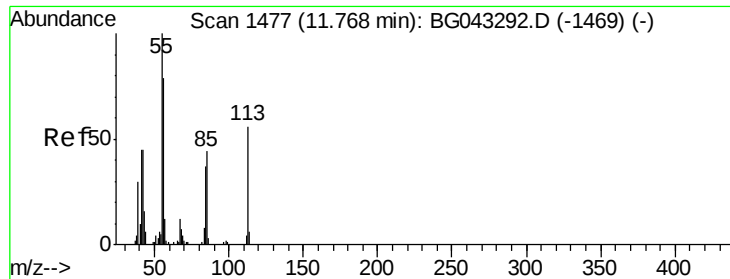
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#34
Hexachlorobutadiene
Concen: 35.321 ng/mL
RT: 11.13 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BG043704.D
Acq: 19 Nov 2019 18:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	60.2	48.6	73.0		
227	70.0	49.1	73.7		





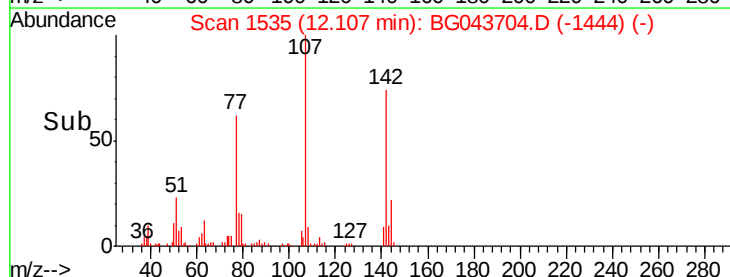
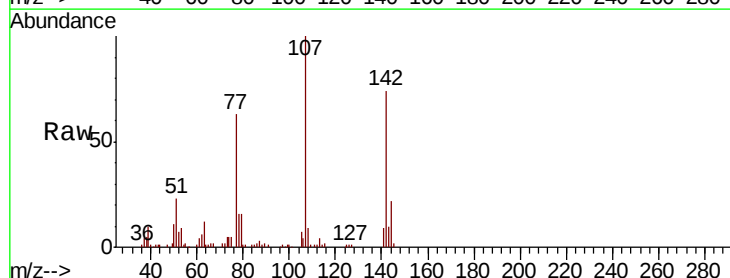
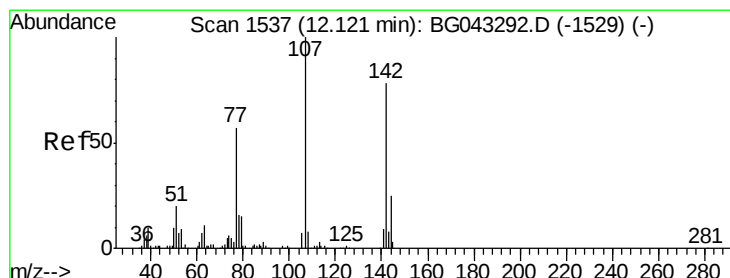
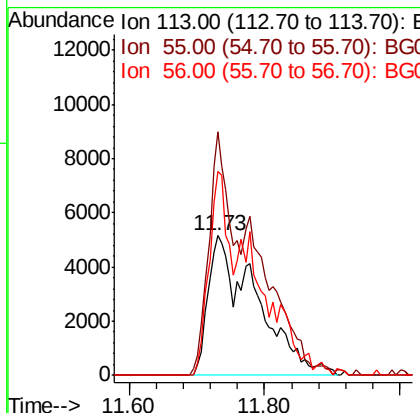
#35
Caprolactam
Concen: 42.317 ng/ml
RT: 11.73 min Scan# 1471
Delta R.T. -0.01 min
Lab File: BG043704.D
Acq: 19 Nov 2019 18:55

Instrument :
BNA_G
ClientSampleId :
2-(16-19)MS

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	174.8	154.4	194.4	
56	146.2	112.9	152.9	

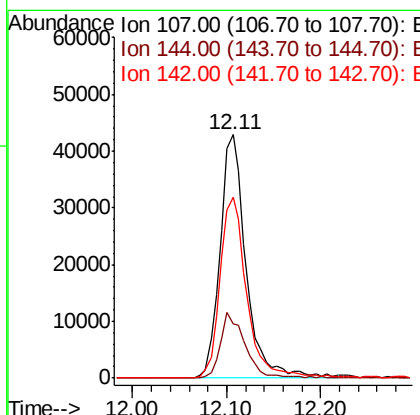
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#36
4-Chloro-3-methylphenol
Concen: 43.377 ng/ml
RT: 12.11 min Scan# 1535
Delta R.T. 0.00 min
Lab File: BG043704.D
Acq: 19 Nov 2019 18:55

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	22.5	21.7	32.5	
142	74.5	67.2	100.8	





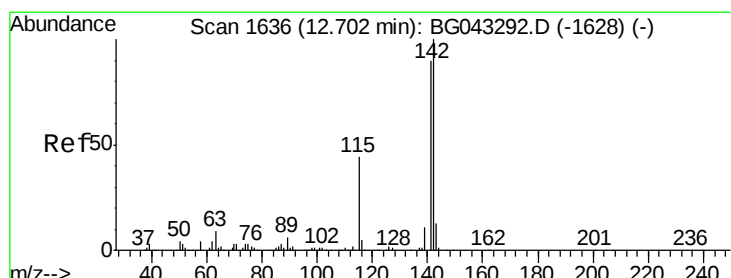
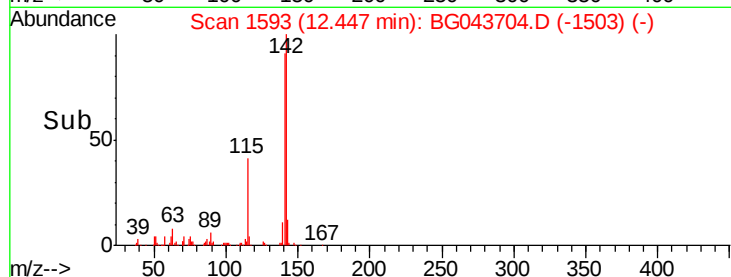
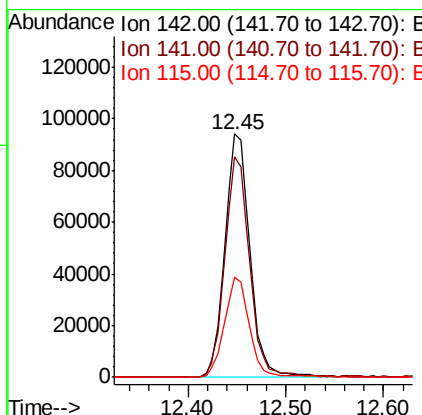
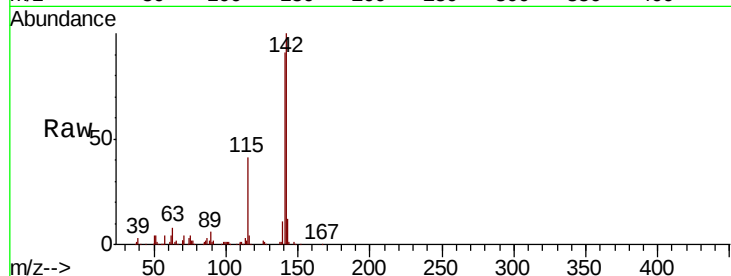
#37
2-Methylnaphthalene
Concen: 40.407 ng
RT: 12.45 min Scan# 1593
Delta R.T. -0.00 min
Lab File: BG043704.D
Acq: 19 Nov 2019 18:55

Instrument :
BNA_G
ClientSampleId :
2-(16-19)MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	71.2	106.8
115	41.1	31.9	47.9

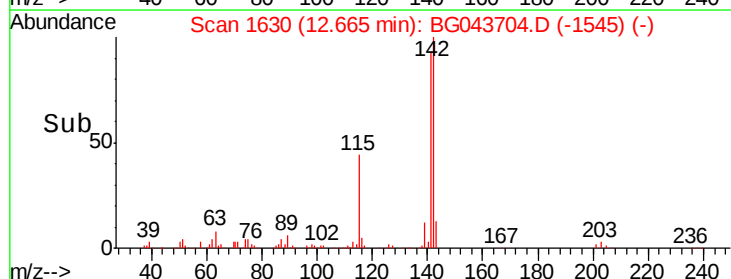
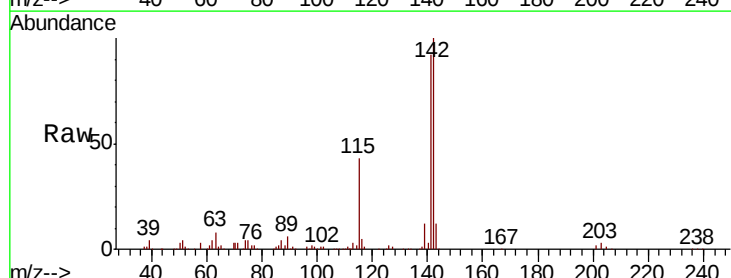
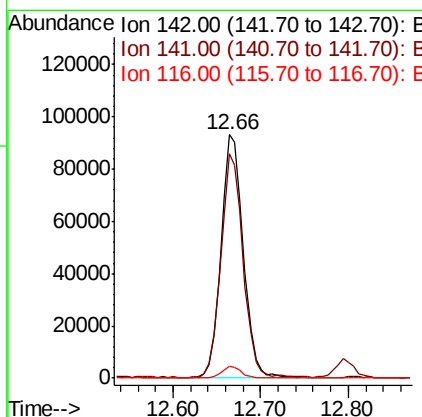
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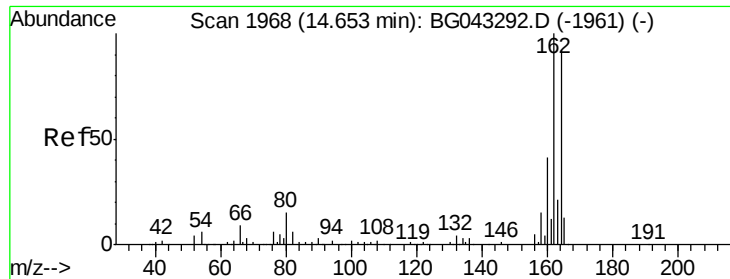
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#38
1-Methylnaphthalene
Concen: 41.224 ng
RT: 12.66 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BG043704.D
Acq: 19 Nov 2019 18:55

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.3	74.5	111.7
116	4.8	3.8	5.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.62 min Scan# 1963

Delta R.T. -0.00 min

Lab File: BG043704.D

Acq: 19 Nov 2019 18:55

Instrument :

BNA_G

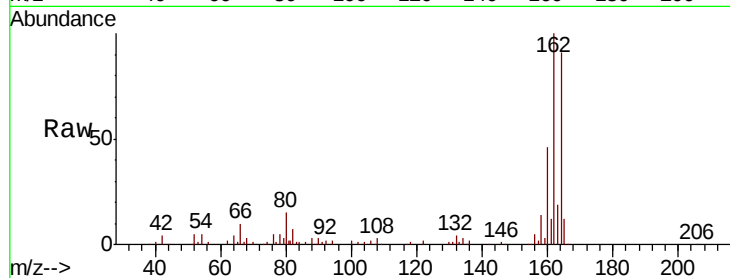
ClientSampleId :

2-(16-19)MS

Tot Ion:	164	Resp:	80194
Ion	Ratio	Lower	Upper
164	100		
162	109.5	79.4	119.2
160	50.9	36.3	54.5

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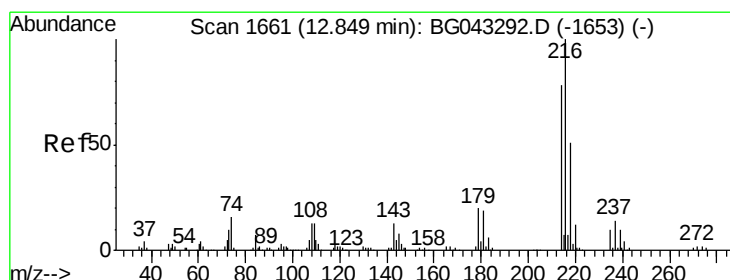
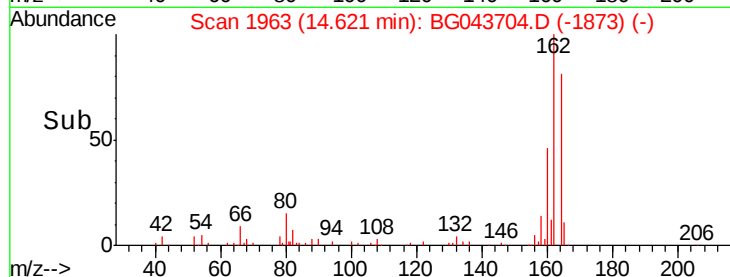
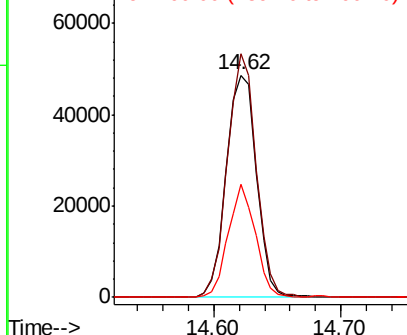


Abundance

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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.634 ng

RT: 12.82 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BG043704.D

Acq: 19 Nov 2019 18:55

Tgt Ion:	216	Resp:	108725
Ion	Ratio	Lower	Upper
216	100		
214	77.8	62.8	94.2
179	18.5	16.5	24.7
108	15.8	12.7	19.1

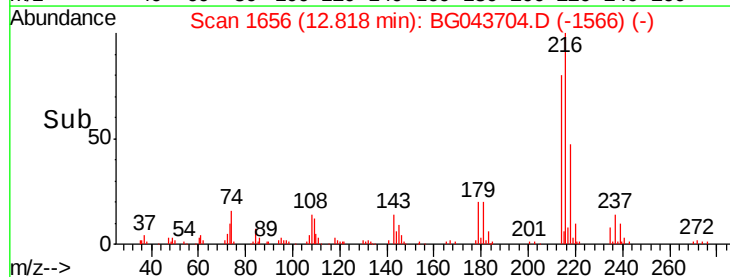
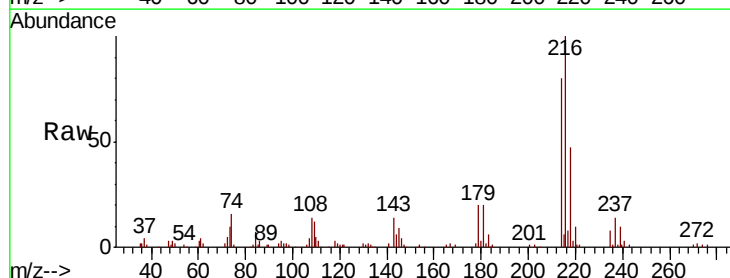
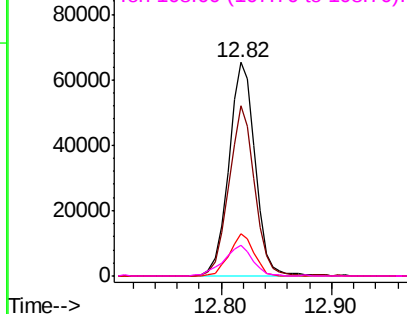
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





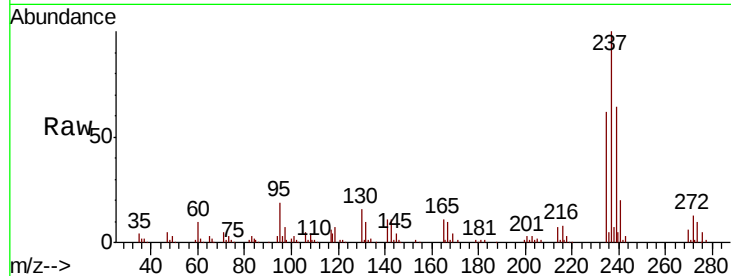
#41
Hexachlorocyclopentadiene
Concen: 67.347 ng
RT: 12.79 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BG043704.D
Acq: 19 Nov 2019 18:55

Instrument :
BNA_G
ClientSampleId :
2-(16-19)MS

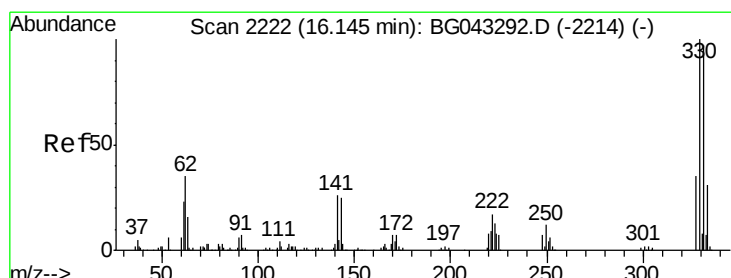
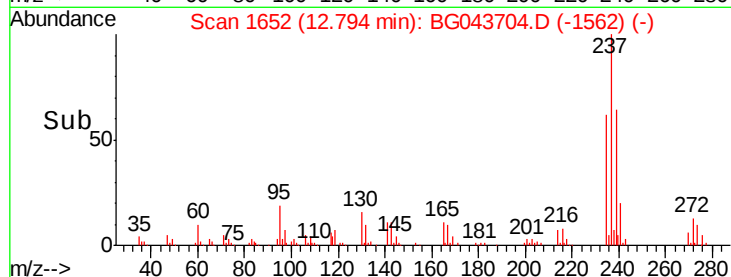
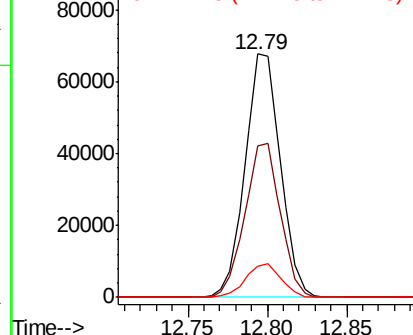
Tot Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	62.1	42.2	82.2
272	12.8	0.0	32.6

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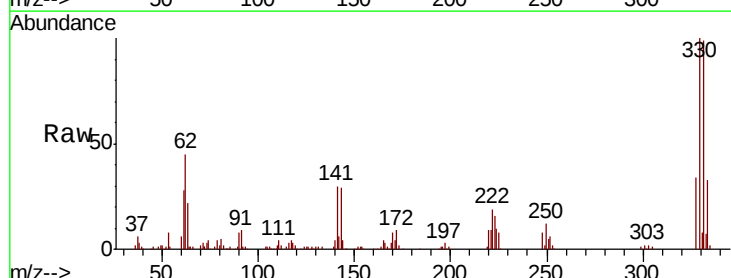


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

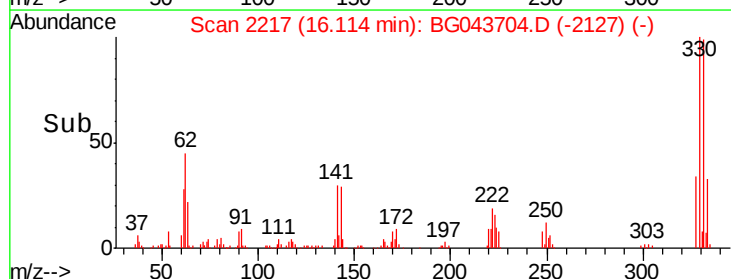
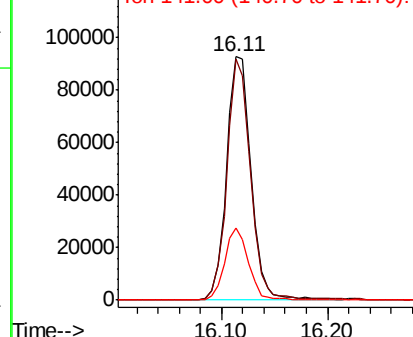


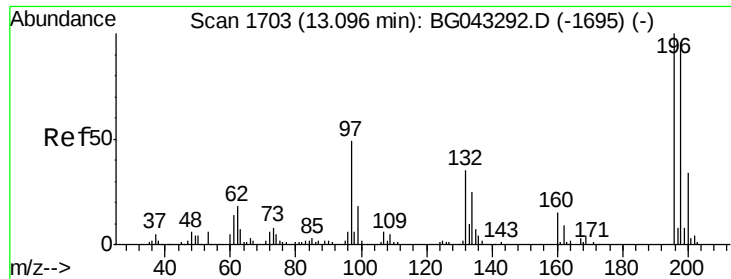
#42
2,4,6-Tribromophenol
Concen: 97.860 ng
RT: 16.11 min Scan# 2217
Delta R.T. -0.00 min
Lab File: BG043704.D
Acq: 19 Nov 2019 18:55

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	95.4	76.6	115.0
141	28.7	23.4	35.2



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





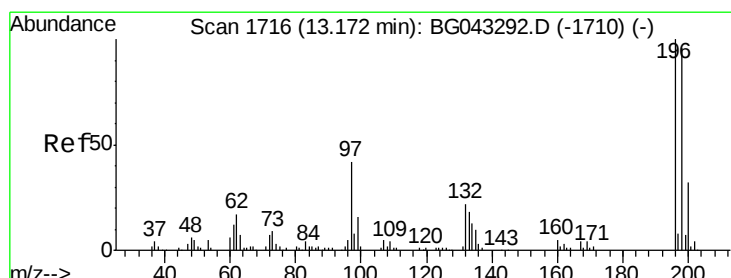
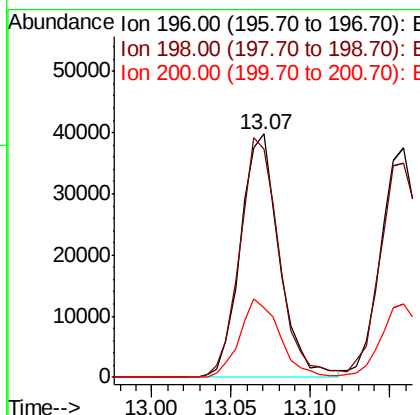
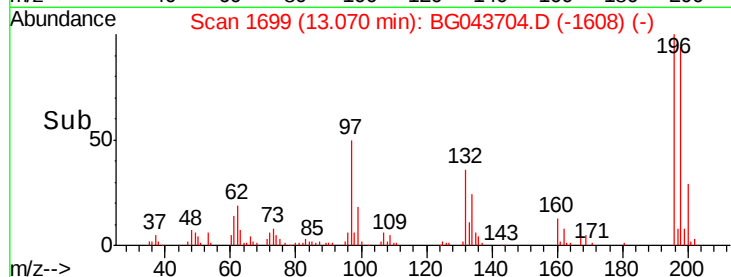
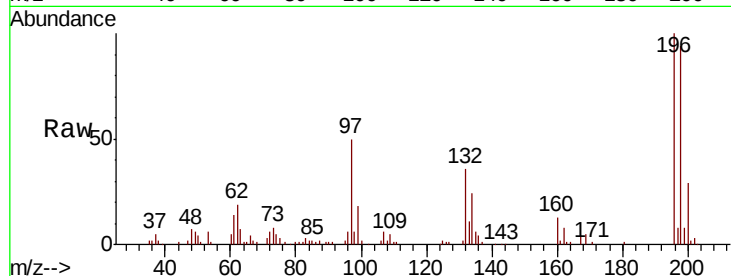
#43
 2,4,6-Trichlorophenol
 Concen: 38.605 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: BG043704.D
 Acq: 19 Nov 2019 18:55

Instrument :
 BNA_G
 ClientSampleId :
 2-(16-19)MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	67473		
198	93.6	81.3	121.9	
200	28.7	28.2	42.2	

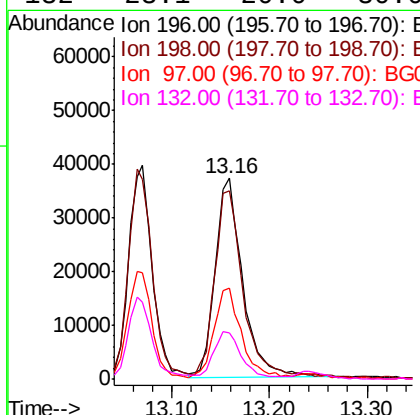
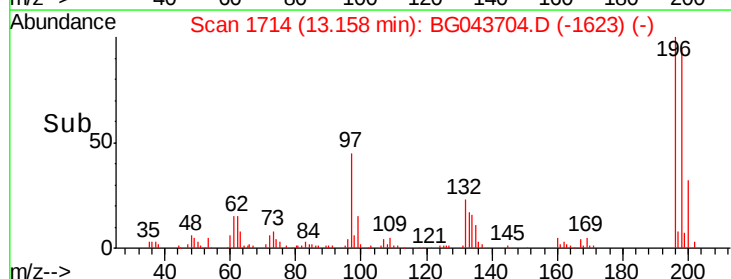
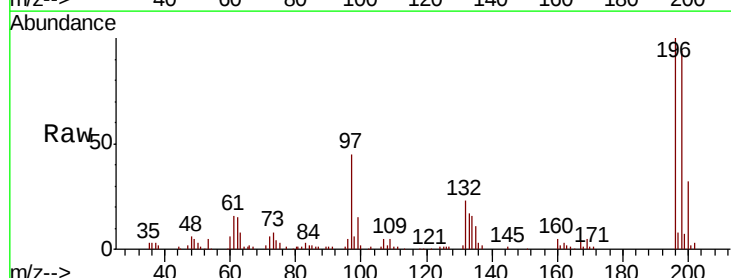
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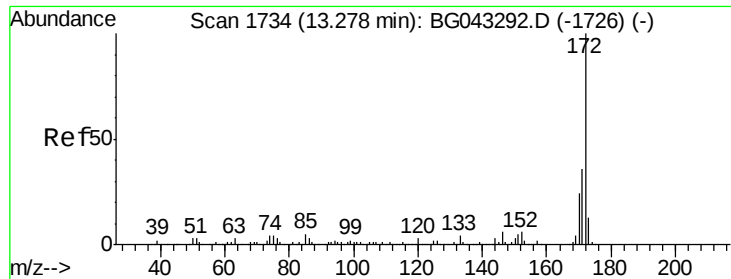
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#44
 2,4,5-Trichlorophenol
 Concen: 41.435 ng
 RT: 13.16 min Scan# 1714
 Delta R.T. 0.00 min
 Lab File: BG043704.D
 Acq: 19 Nov 2019 18:55

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	73216		
198	93.6	77.4	116.2	
97	45.2	35.9	53.9	
132	23.1	20.0	30.0	





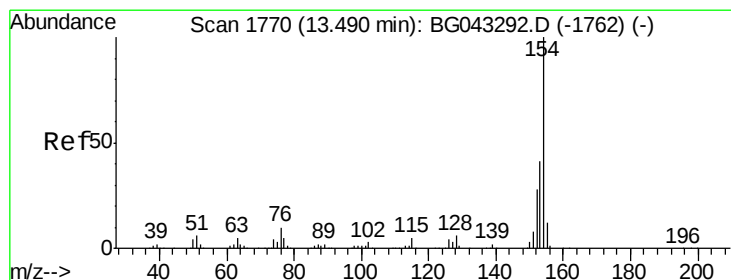
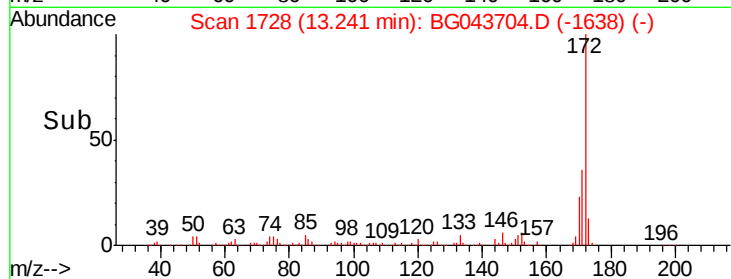
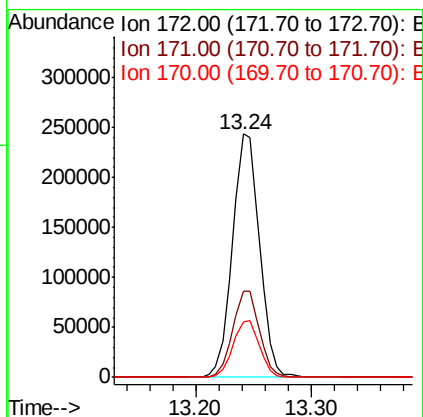
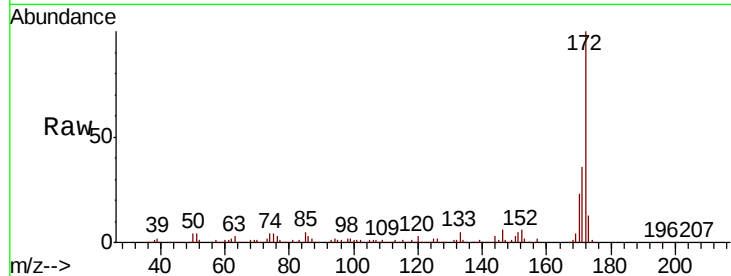
#45
 2-Fluorobiphenyl
 Concen: 68.045 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: BG043704.D
 Acq: 19 Nov 2019 18:55

Instrument :
 BNA_G
 ClientSampleId :
 2-(16-19)MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.1	42.1
170	22.7	18.8	28.2

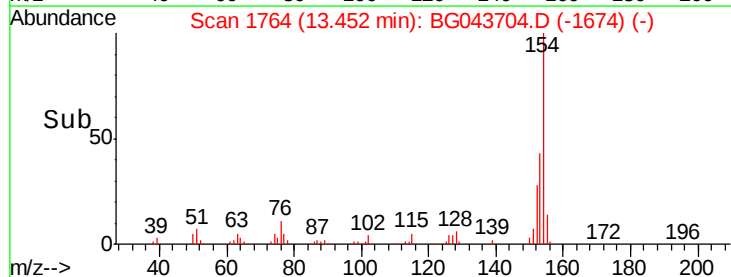
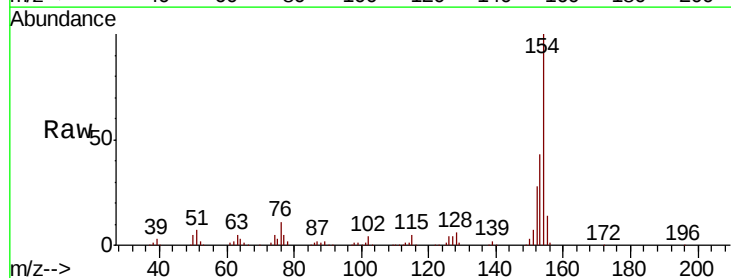
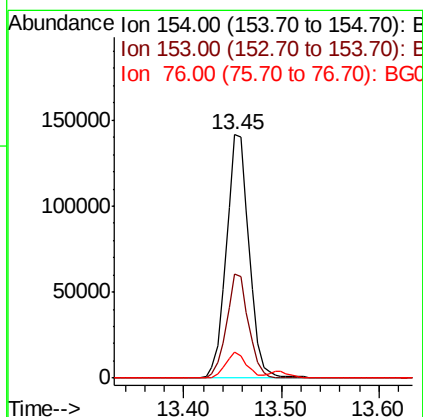
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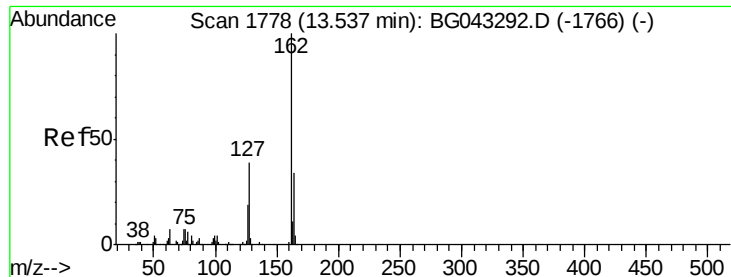
mohammad
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#46
 1,1'-Biphenyl
 Concen: 37.394 ng
 RT: 13.45 min Scan# 1764
 Delta R.T. -0.00 min
 Lab File: BG043704.D
 Acq: 19 Nov 2019 18:55

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.8	22.6	62.6
76	10.8	0.0	29.1





#47

2-Chloronaphthalene

Concen: 38.386 ng

RT: 13.50 min Scan# 1772

Delta R.T. -0.00 min

Lab File: BG043704.D

Acq: 19 Nov 2019 18:55

Instrument :

BNA_G

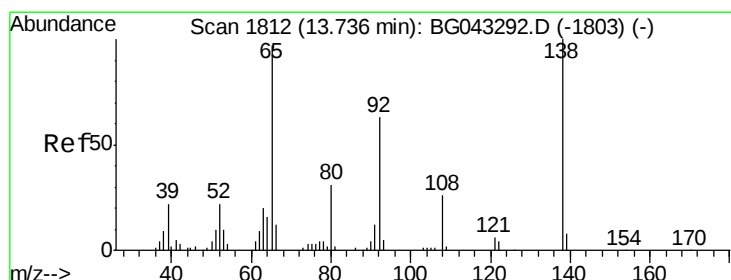
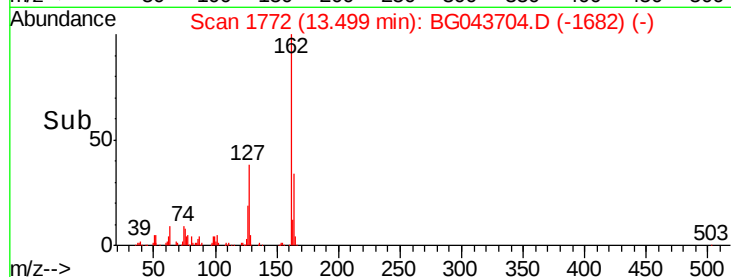
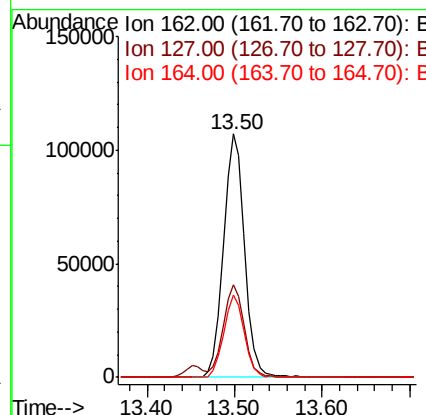
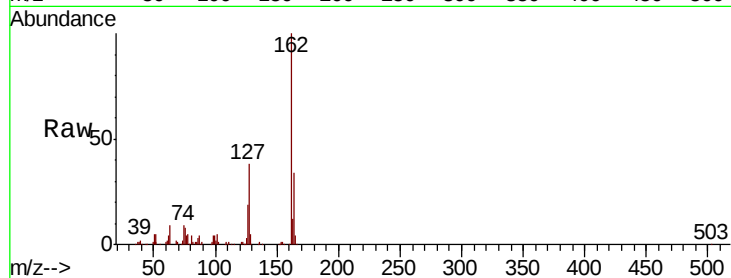
ClientSampleId :

2-(16-19)MS

Tot Ion:	162	Resp:	178184
Ion Ratio	Lower	Upper	
162	100		
127	37.9	32.8	49.2
164	33.9	27.8	41.8

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#48

2-Nitroaniline

Concen: 39.167 ng

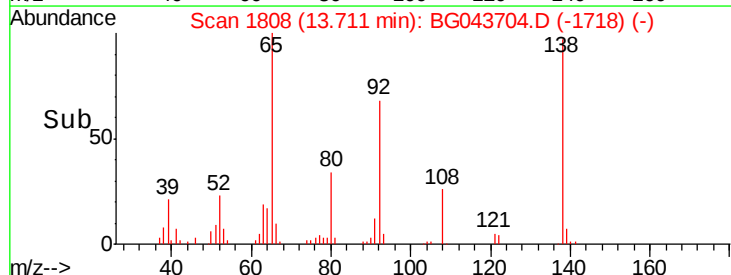
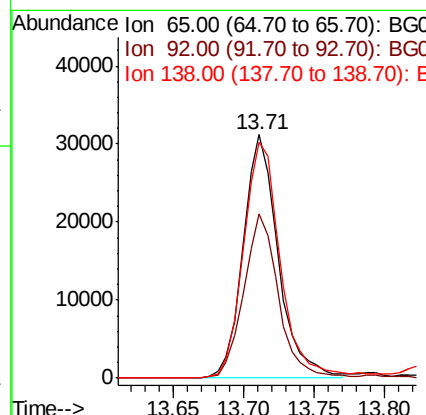
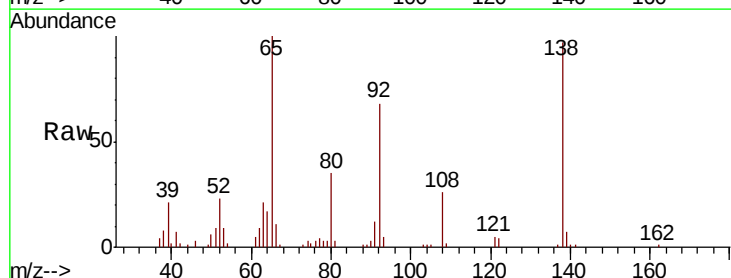
RT: 13.71 min Scan# 1808

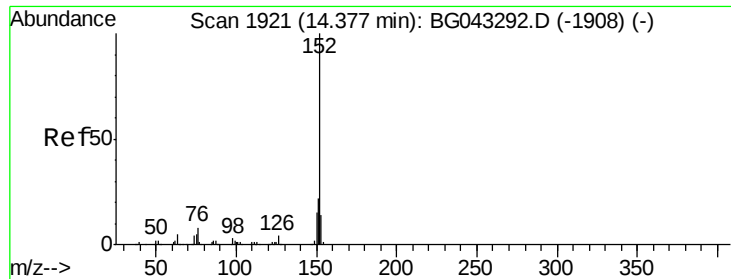
Delta R.T. -0.00 min

Lab File: BG043704.D

Acq: 19 Nov 2019 18:55

Tgt Ion:	65	Resp:	54339
Ion Ratio	Lower	Upper	
65	100		
92	67.7	54.9	82.3
138	96.8	85.0	127.6





#49

Acenaphthylene

Concen: 40.975 ng

RT: 14.35 min Scan# 1916

Delta R.T. -0.00 min

Lab File: BG043704.D

Acq: 19 Nov 2019 18:55

Instrument :

BNA_G

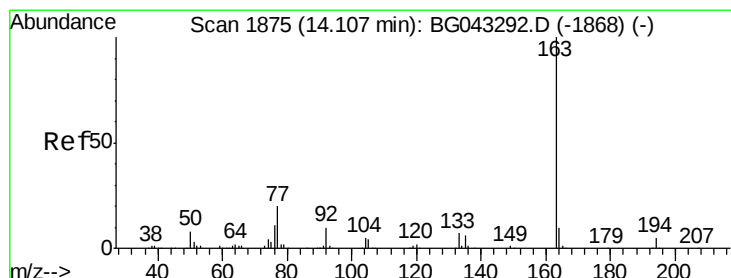
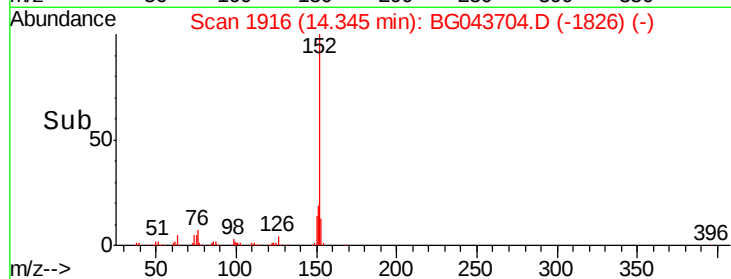
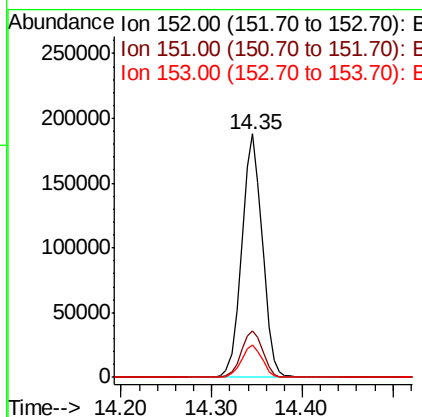
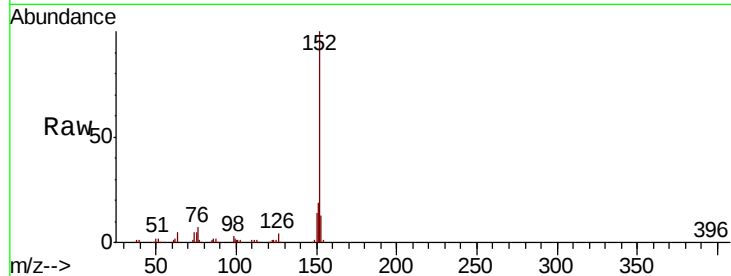
ClientSampleId :

2-(16-19)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		296016		
151	19.2	16.1	24.1		
153	13.1	11.0	16.4		

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#50

Dimethylphthalate

Concen: 48.554 ng

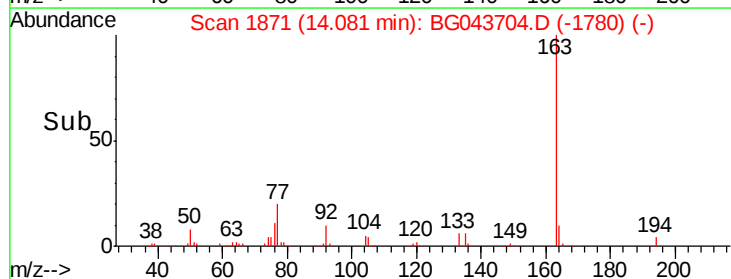
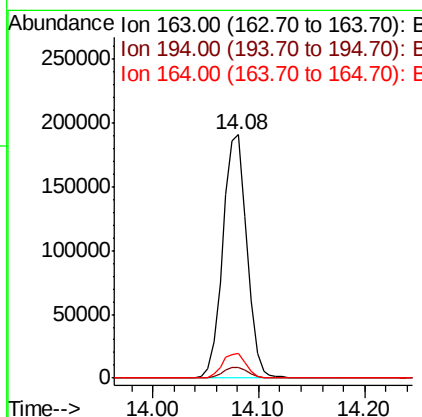
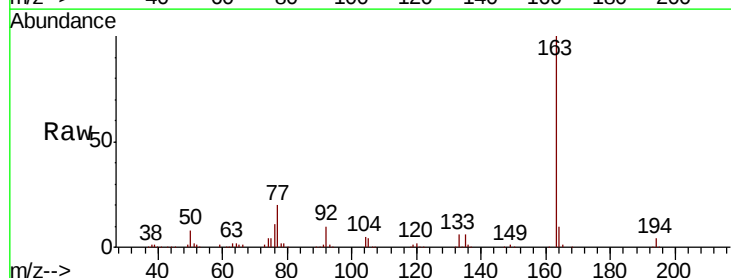
RT: 14.08 min Scan# 1871

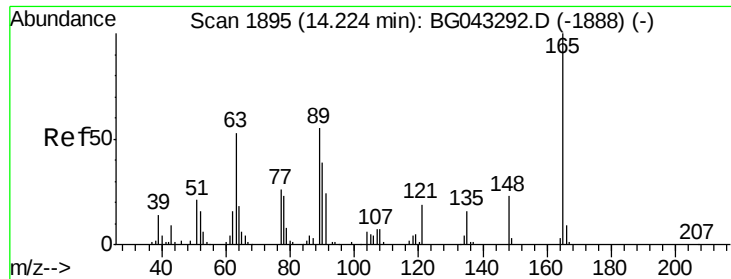
Delta R.T. 0.00 min

Lab File: BG043704.D

Acq: 19 Nov 2019 18:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		301598		
194	4.4	3.8	5.8		
164	10.2	8.5	12.7		





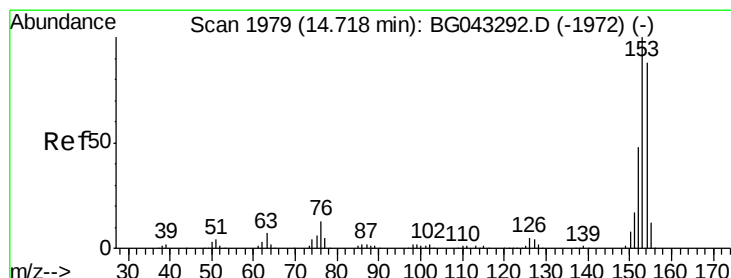
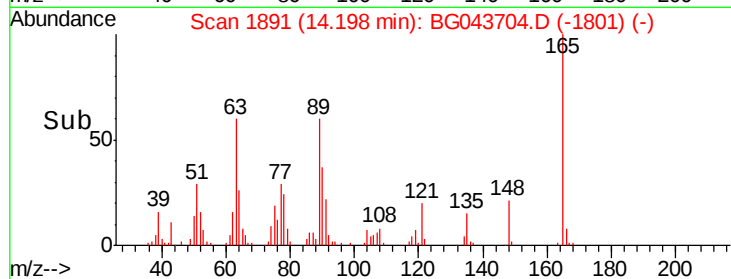
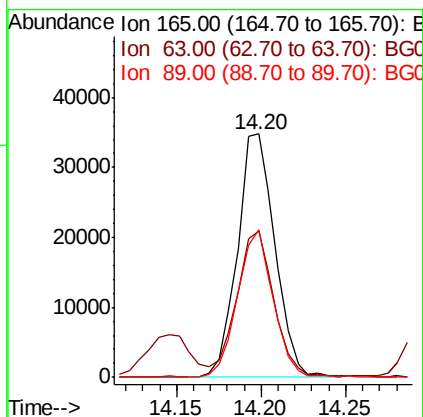
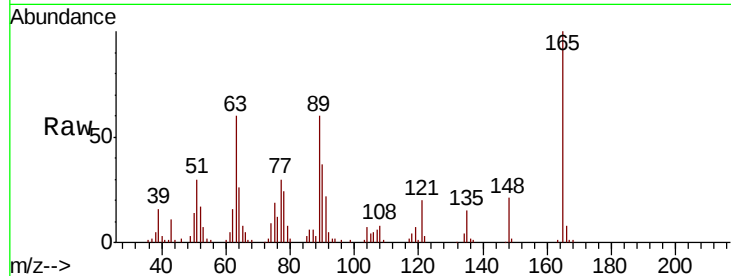
#51
 2,6-Dinitrotoluene
 Concen: 39.821 ng
 RT: 14.20 min Scan# 1891
 Delta R.T. -0.00 min
 Lab File: BG043704.D
 Acq: 19 Nov 2019 18:55

Instrument :
 BNA_G
 ClientSampleId :
 2-(16-19)MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	60.1	45.0	67.6
89	60.4	39.8	59.8

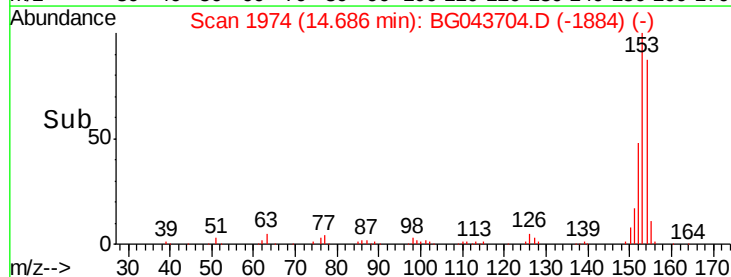
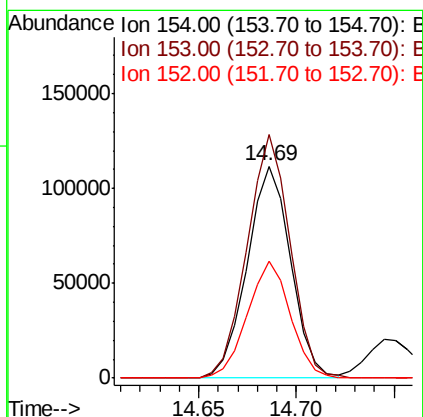
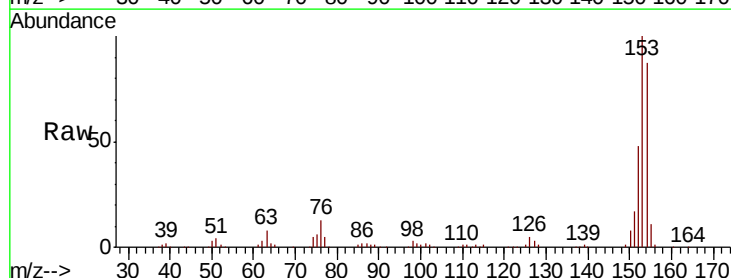
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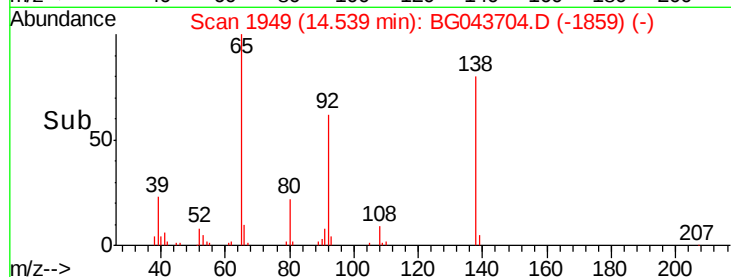
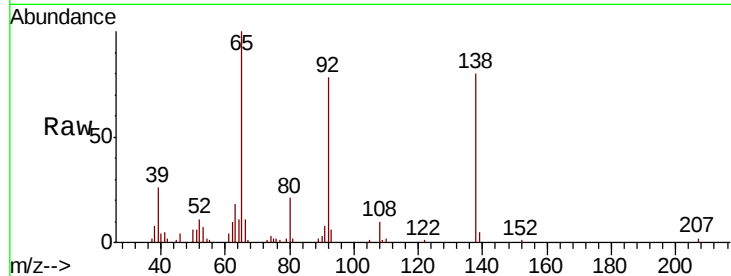
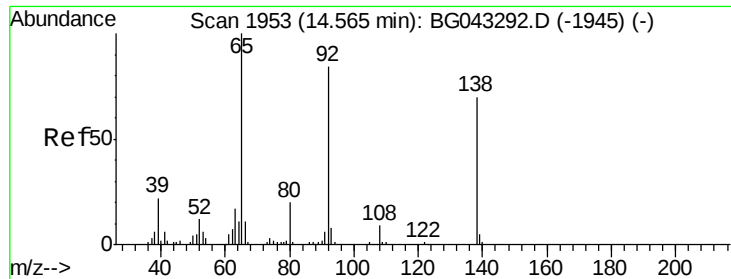
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#52
 Acenaphthene
 Concen: 39.183 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.00 min
 Lab File: BG043704.D
 Acq: 19 Nov 2019 18:55

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.7	89.2	133.8
152	55.3	41.4	62.0





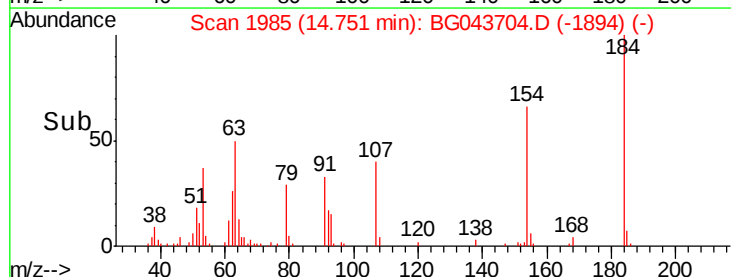
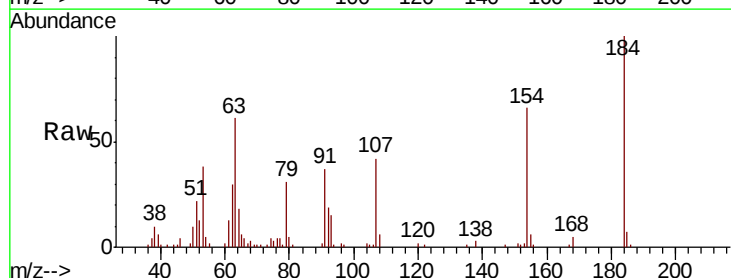
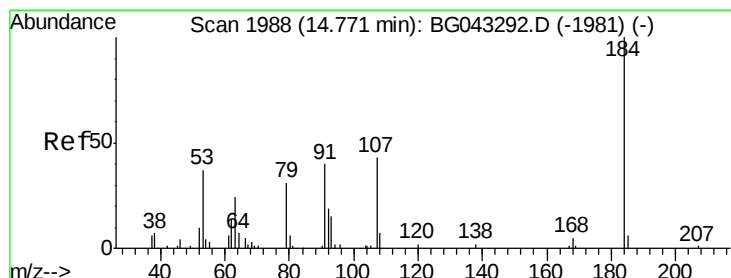
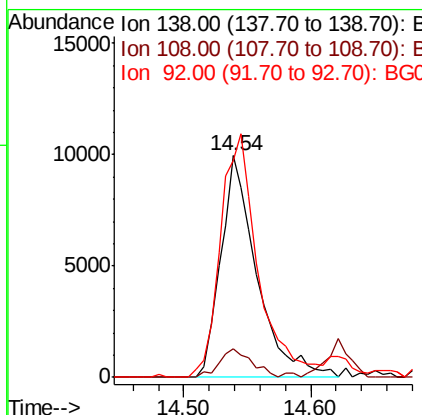
#53
3-Nitroaniline
Concen: 15.071 ng
RT: 14.54 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BG043704.D
Acq: 19 Nov 2019 18:55

Instrument :
BNA_G
ClientSampleId :
2-(16-19)MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.8	9.8	14.8
92	97.9	88.1	132.1

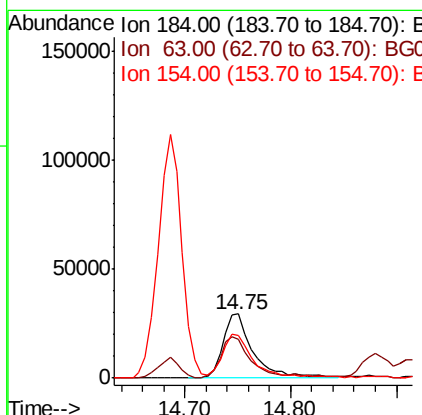
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#54
2,4-Dinitrophenol
Concen: 70.365 ng
RT: 14.75 min Scan# 1985
Delta R.T. 0.00 min
Lab File: BG043704.D
Acq: 19 Nov 2019 18:55

Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.5	59.0	88.4
154	66.5	57.4	86.2





#55

Dibenzofuran

Concen: 40.462 ng

RT: 15.02 min Scan# 2031

Delta R.T. -0.00 min

Lab File: BG043704.D

Acq: 19 Nov 2019 18:55

Instrument :

BNA_G

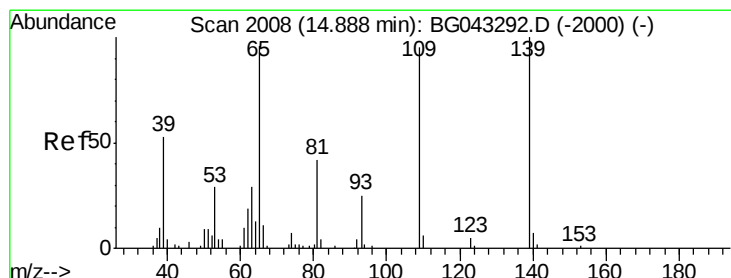
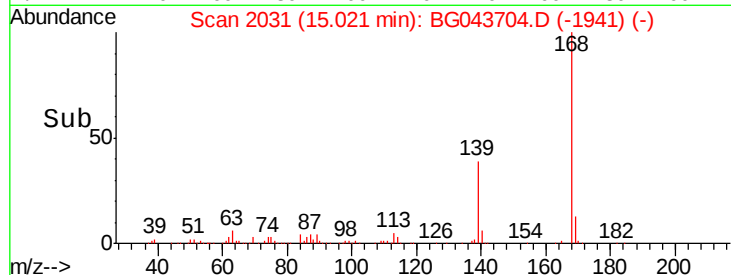
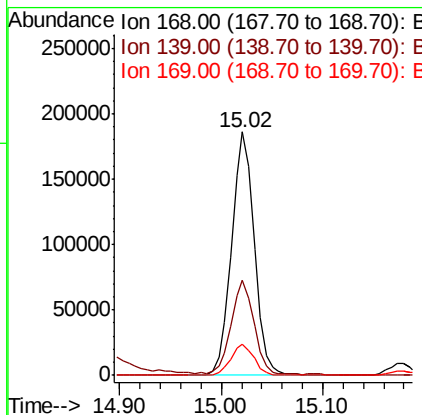
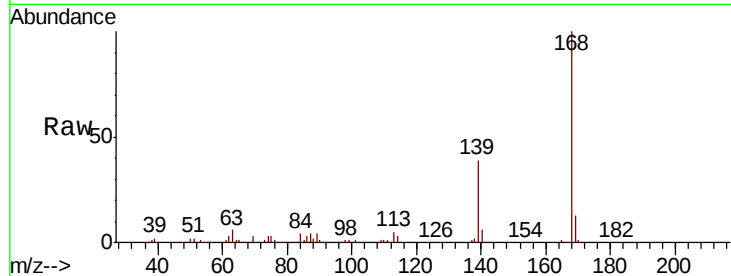
ClientSampleId :

2-(16-19)MS

Tot Ion:	168	Resp:	289079
Ion Ratio	Lower	Upper	
168	100		
139	38.9	32.7	49.1
169	12.8	10.6	15.8

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#56

4-Nitrophenol

Concen: 81.467 ng

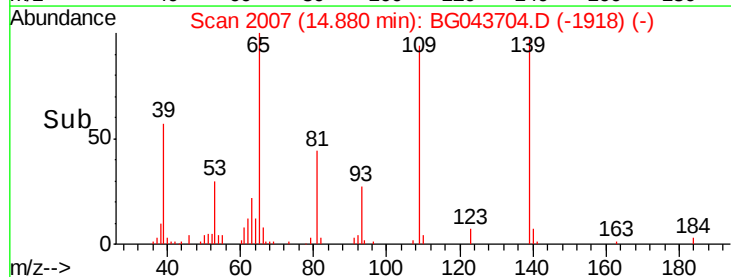
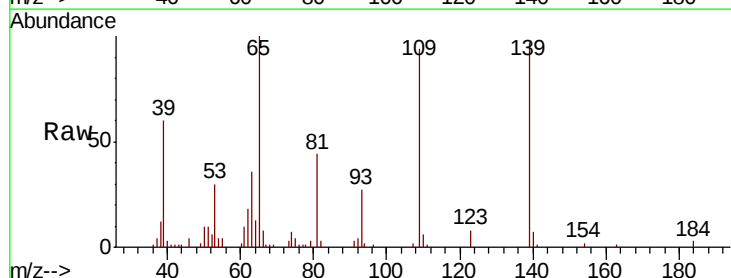
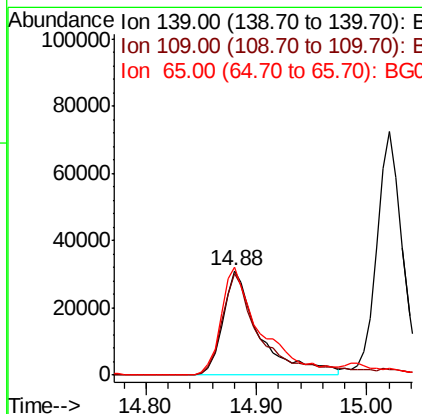
RT: 14.88 min Scan# 2007

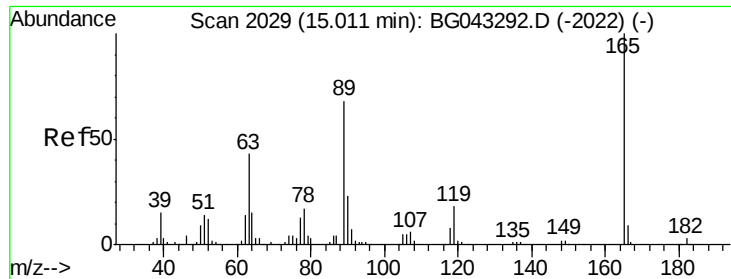
Delta R.T. -0.01 min

Lab File: BG043704.D

Acq: 19 Nov 2019 18:55

Tgt Ion:	139	Resp:	71128
Ion Ratio	Lower	Upper	
139	100		
109	97.6	64.0	104.0
65	103.4	75.6	115.6





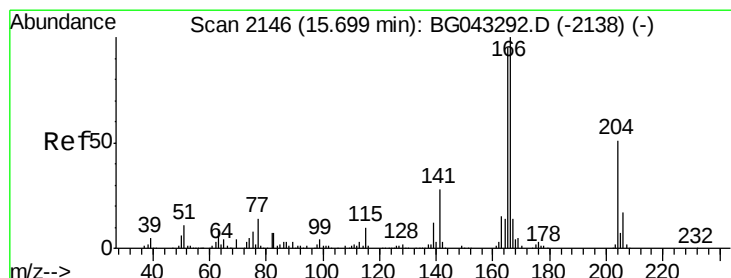
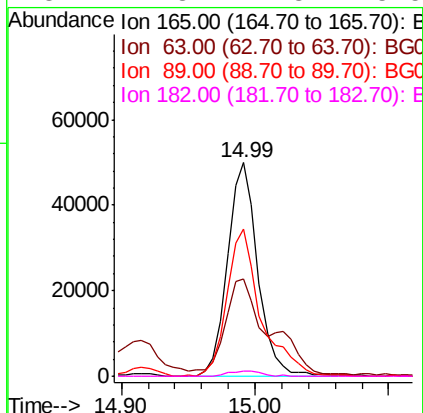
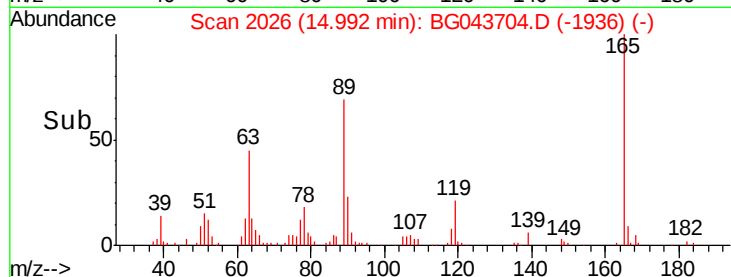
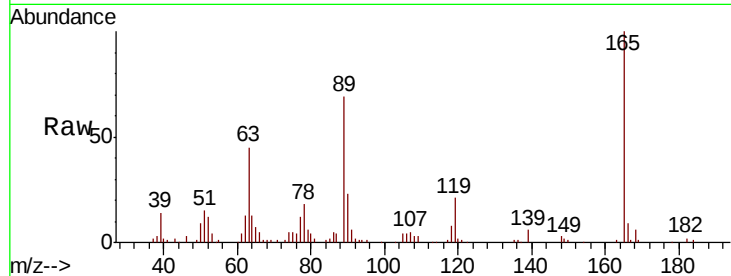
#57
2,4-Dinitrotoluene
Concen: 40.952 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG043704.D
Acq: 19 Nov 2019 18:55

Instrument :
BNA_G
ClientSampleId :
2-(16-19)MS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	45.5	37.4	56.0
89	68.8	50.9	76.3
182	2.3	2.3	3.5

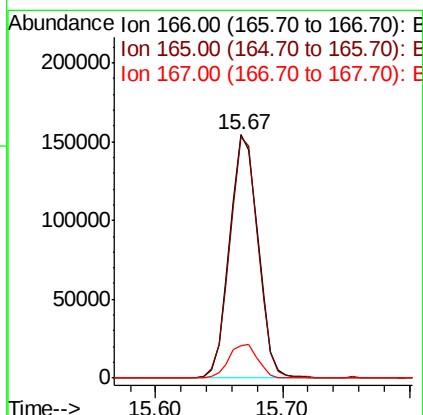
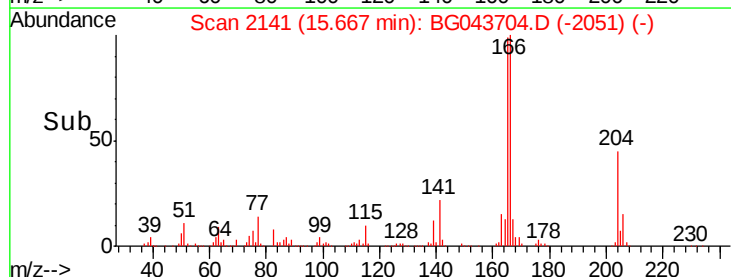
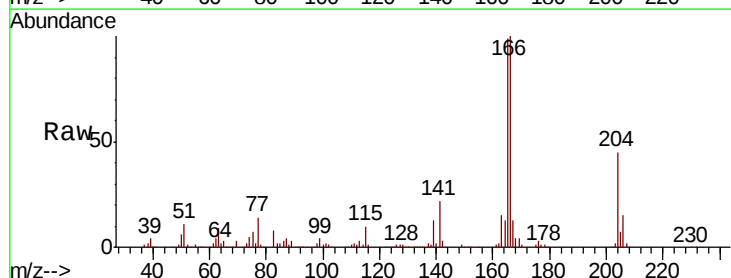
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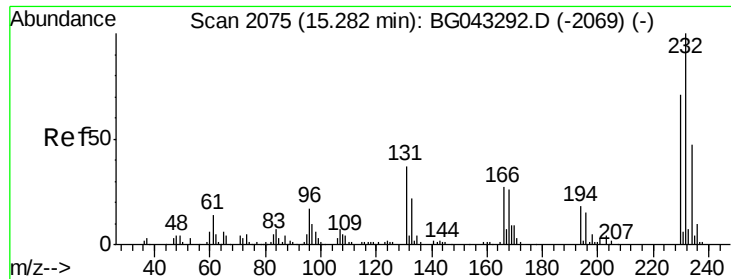
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#58
Fluorene
Concen: 39.906 ng
RT: 15.67 min Scan# 2141
Delta R.T. -0.00 min
Lab File: BG043704.D
Acq: 19 Nov 2019 18:55

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	99.0	78.4	117.6
167	13.2	11.2	16.8





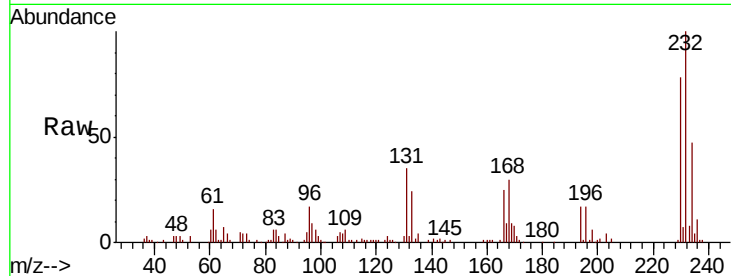
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.186 ng
RT: 15.26 min Scan# 2072
Delta R.T. 0.00 min
Lab File: BG043704.D
Acq: 19 Nov 2019 18:55

Instrument :
BNA_G
ClientSampleId :
2-(16-19)MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	35.6	29.6	44.4
130	2.3	1.4	2.0
166	26.5	21.2	31.8

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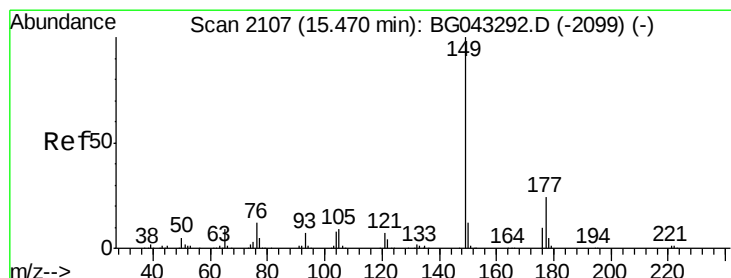
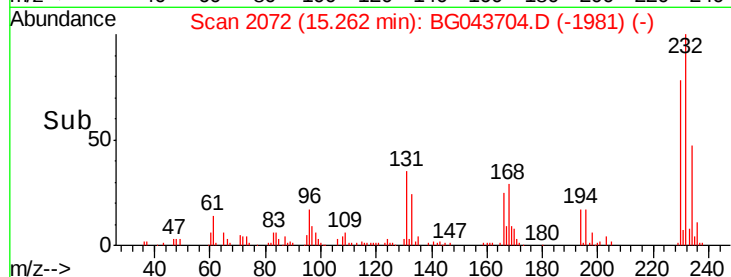
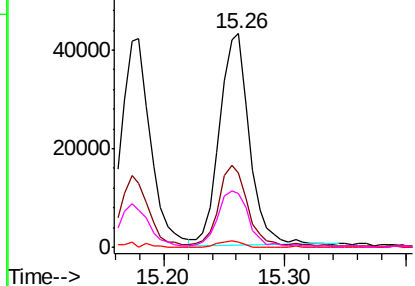
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

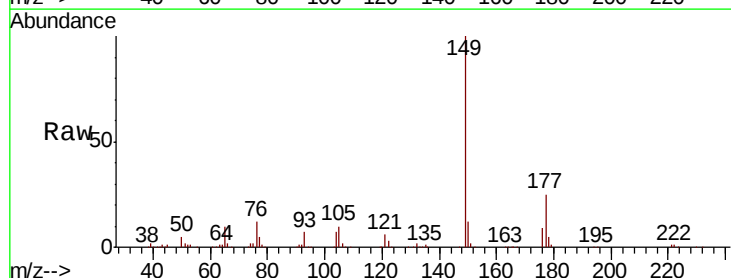
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 39.504 ng
RT: 15.44 min Scan# 2102
Delta R.T. 0.00 min
Lab File: BG043704.D
Acq: 19 Nov 2019 18:55

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.7	19.3	28.9
150	11.9	10.5	15.7

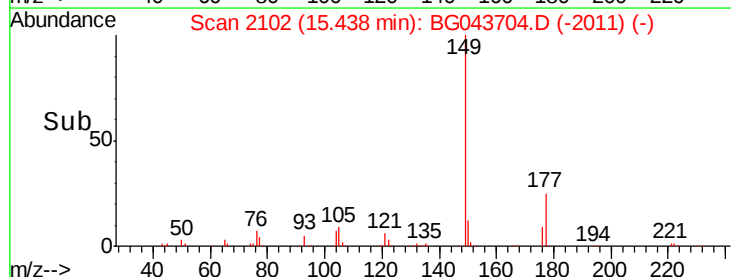
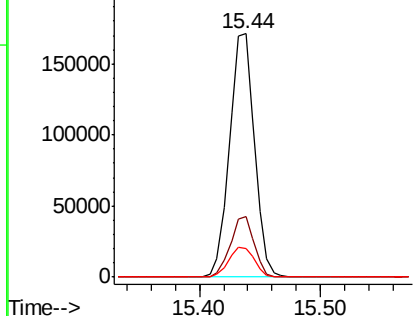


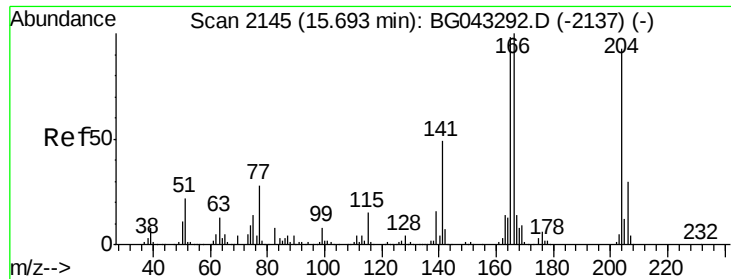
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





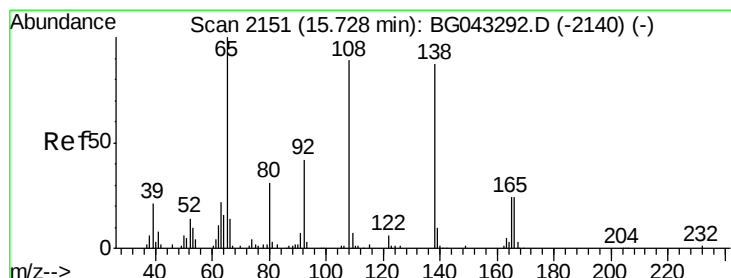
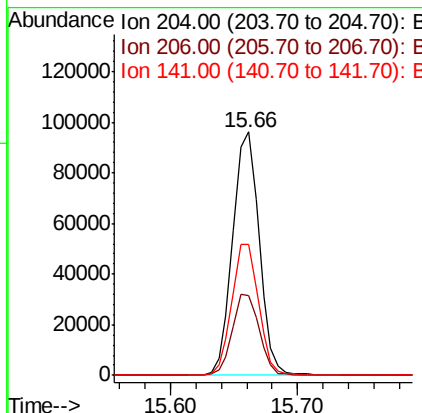
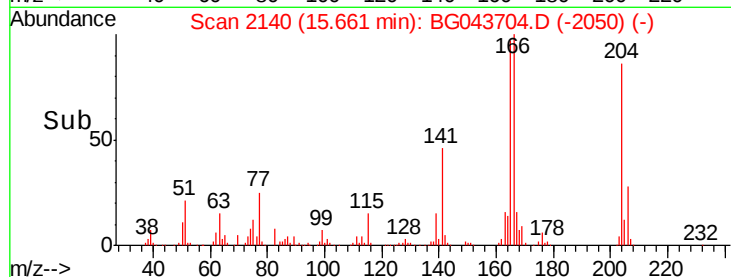
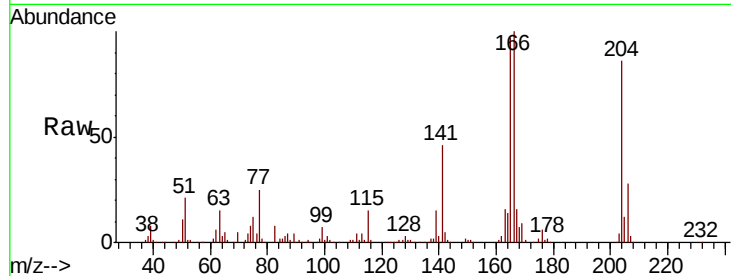
#61
4-Chlorophenyl-phenylether
Concen: 39.839 ng
RT: 15.66 min Scan# 2140
Delta R.T. -0.00 min
Lab File: BG043704.D
Acq: 19 Nov 2019 18:55

Instrument :
BNA_G
ClientSampleId :
2-(16-19)MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.7	28.2	42.4
141	54.0	44.5	66.7

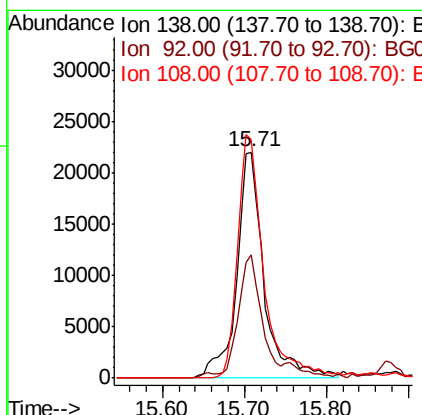
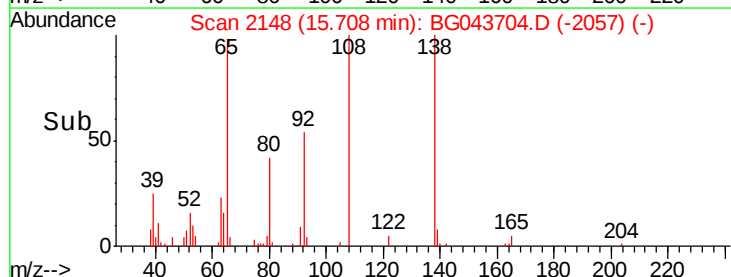
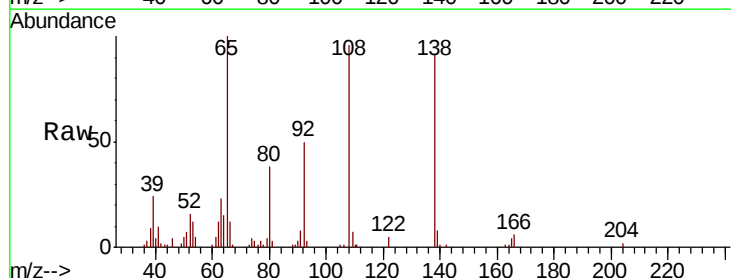
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#62
4-Nitroaniline
Concen: 38.225 ng
RT: 15.71 min Scan# 2148
Delta R.T. 0.00 min
Lab File: BG043704.D
Acq: 19 Nov 2019 18:55

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.5	31.0	71.0
108	105.4	85.0	125.0





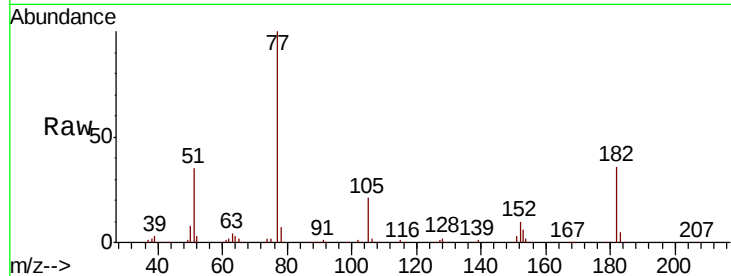
#63
Azobenzene
Concen: 41.080 ng
RT: 15.96 min Scan# 2190
Delta R.T. 0.00 min
Lab File: BG043704.D
Acq: 19 Nov 2019 18:55

Instrument :
BNA_G
ClientSampleId :
2-(16-19)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		207505		
182	36.1	11.2	51.2		
105	21.3	1.5	41.5		
51	35.4	14.7	54.7		

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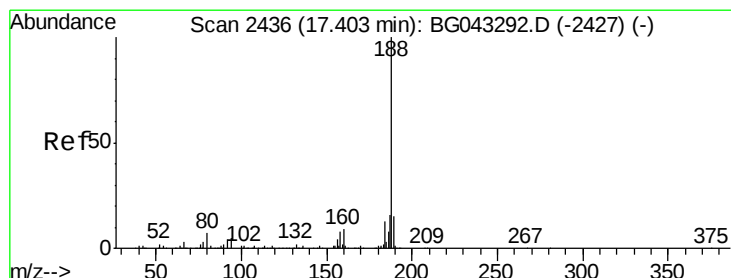
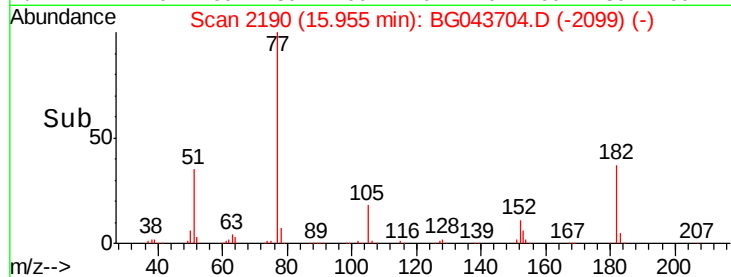
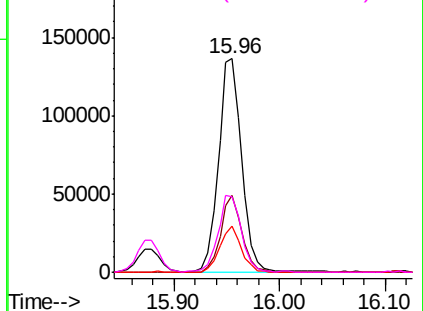
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2431
Delta R.T. 0.00 min
Lab File: BG043704.D
Acq: 19 Nov 2019 18:55

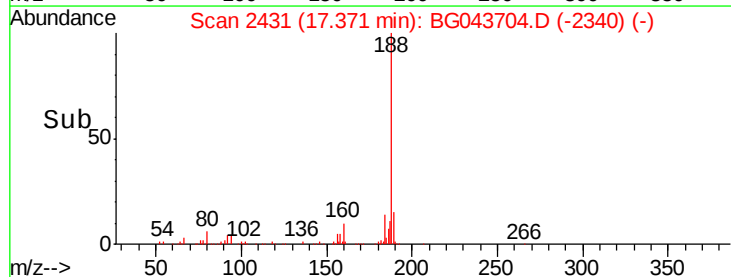
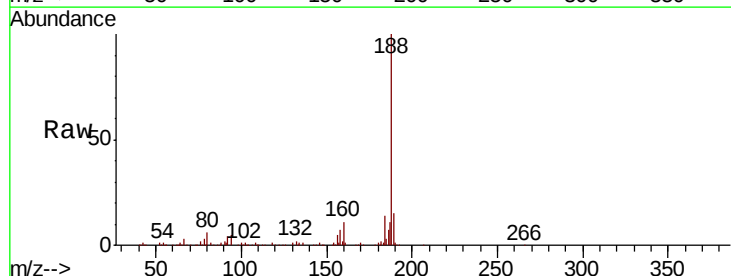
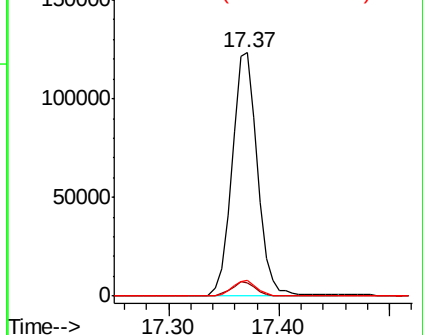
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		199608		
94	5.3	4.6	7.0		
80	6.4	5.2	7.8		

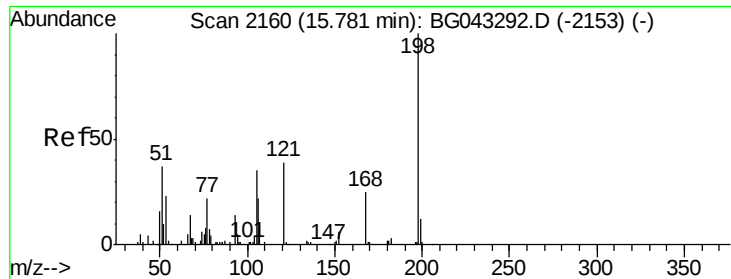
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





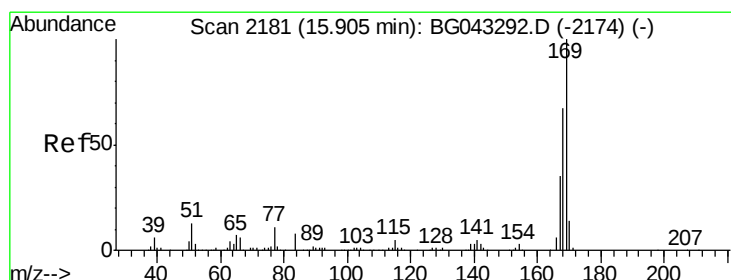
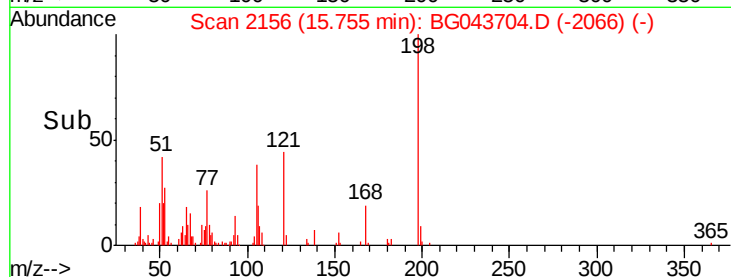
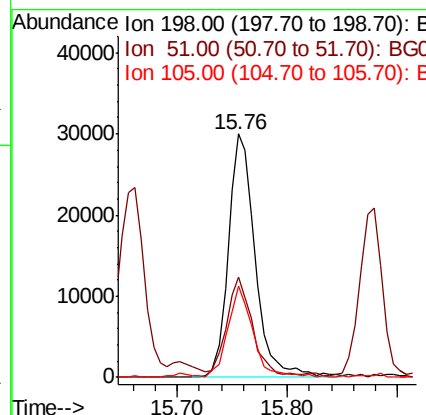
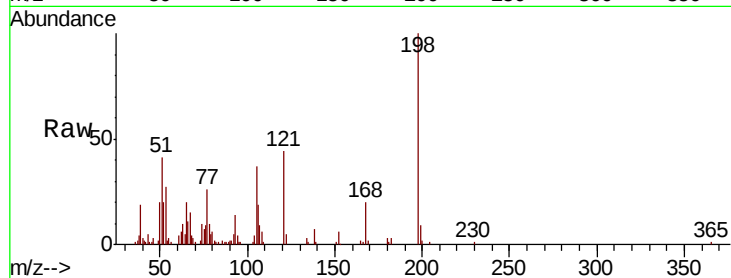
#65
4,6-Dinitro-2-methylphenol
Concen: 43.467 ng
RT: 15.76 min Scan# 2156
Delta R.T. -0.00 min
Lab File: BG043704.D
Acq: 19 Nov 2019 18:55

Instrument :
BNA_G
ClientSampleId :
2-(16-19)MS

Tot Ion	Ratio	Lower	Upper
198	100		
51	41.3	17.3	57.3
105	37.4	13.9	53.9

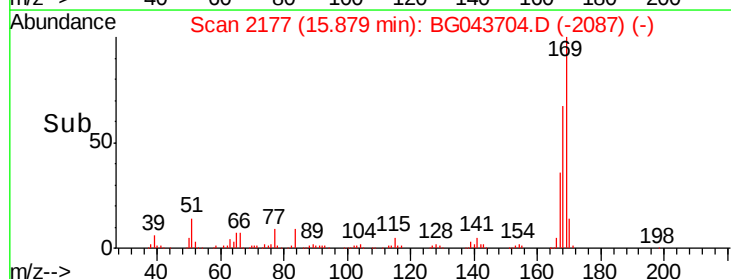
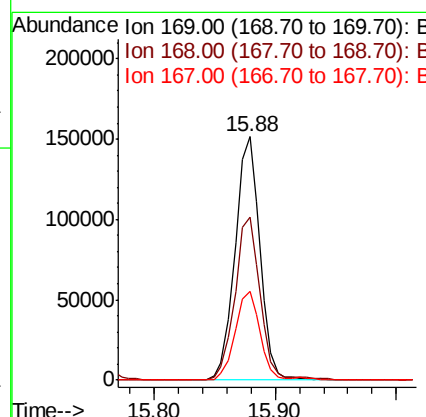
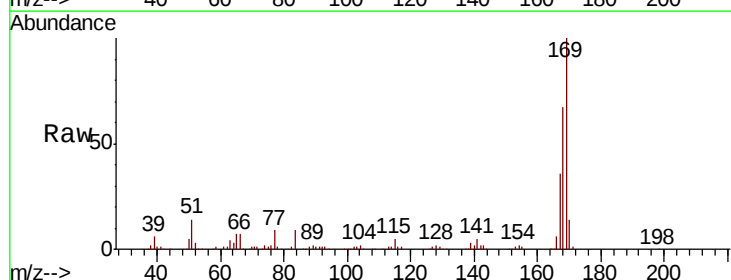
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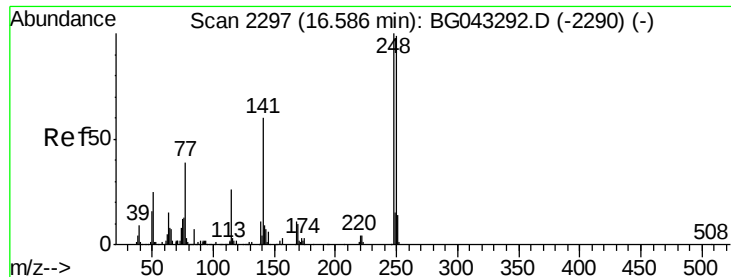
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#66
n-Nitrosodiphenylamine
Concen: 38.598 ng
RT: 15.88 min Scan# 2177
Delta R.T. -0.00 min
Lab File: BG043704.D
Acq: 19 Nov 2019 18:55

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.0	56.2	84.4
167	36.5	29.8	44.8





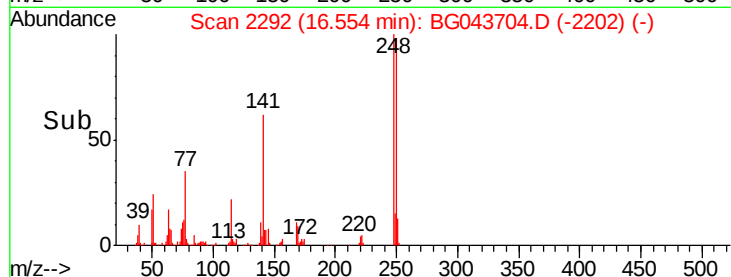
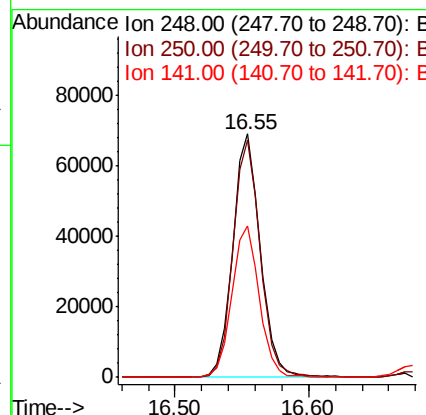
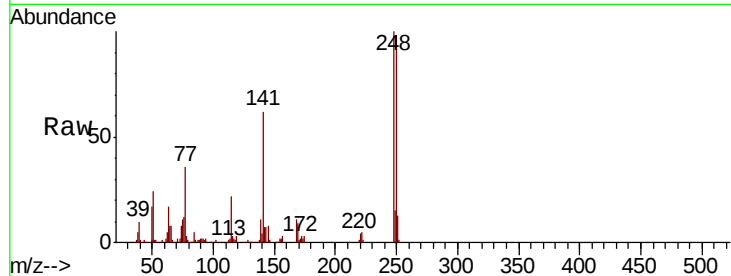
#67
4-Bromophenyl-phenylether
Concen: 37.167 ng
RT: 16.55 min Scan# 2292
Delta R.T. -0.00 min
Lab File: BG043704.D
Acq: 19 Nov 2019 18:55

Instrument :
BNA_G
ClientSampleId :
2-(16-19)MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.7	76.3	114.5
141	62.4	49.5	74.3

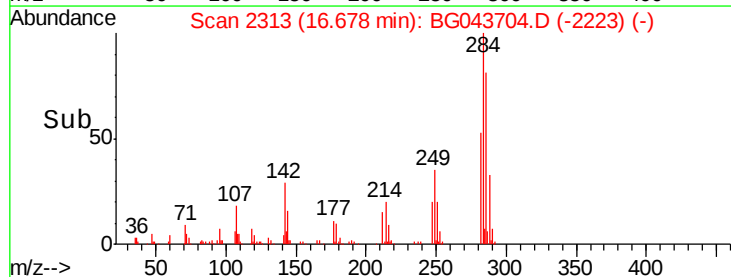
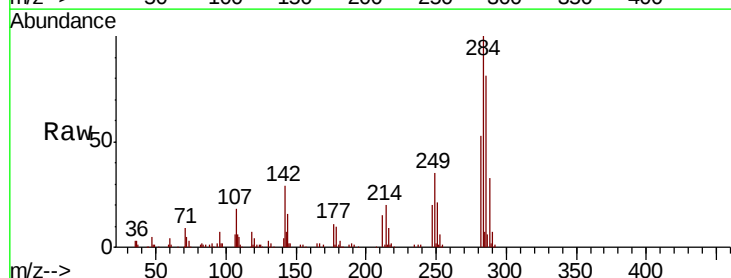
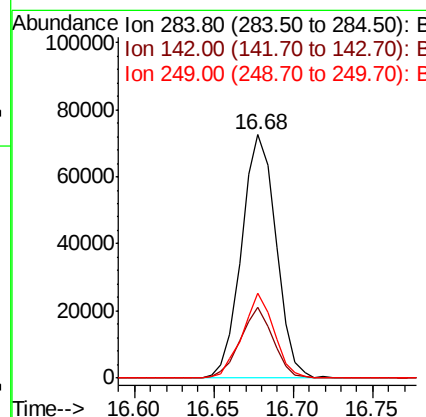
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#68
Hexachlorobenzene
Concen: 35.543 ng
RT: 16.68 min Scan# 2313
Delta R.T. -0.00 min
Lab File: BG043704.D
Acq: 19 Nov 2019 18:55

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.9	23.2	34.8
249	34.9	27.0	40.4





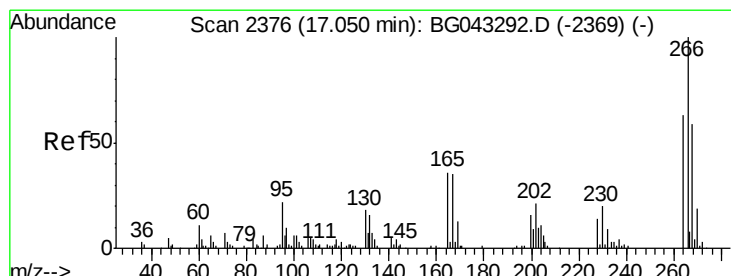
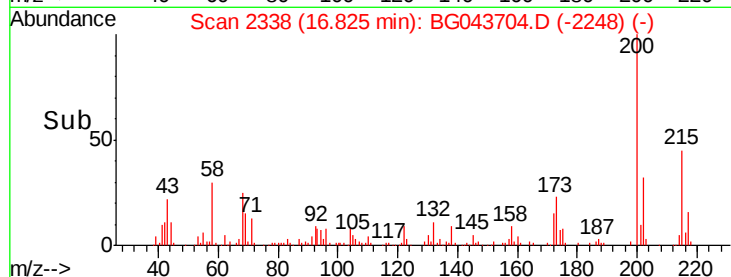
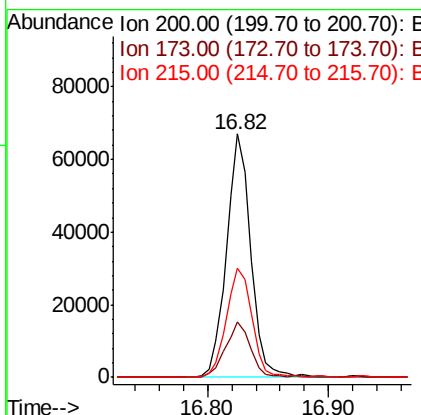
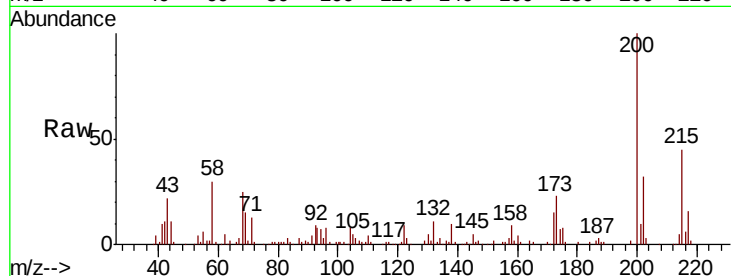
#69
 Atrazine
 Concen: 47.890 ng
 RT: 16.82 min Scan# 2338
 Delta R.T. -0.00 min
 Lab File: BG043704.D
 Acq: 19 Nov 2019 18:55

Instrument :
 BNA_G
 ClientSampleId :
 2-(16-19)MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	22.9	5.1	45.1
215	44.7	29.8	69.8

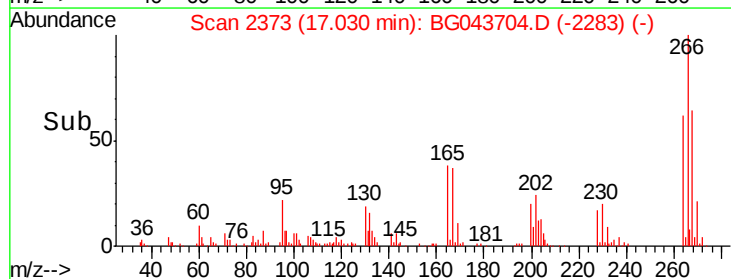
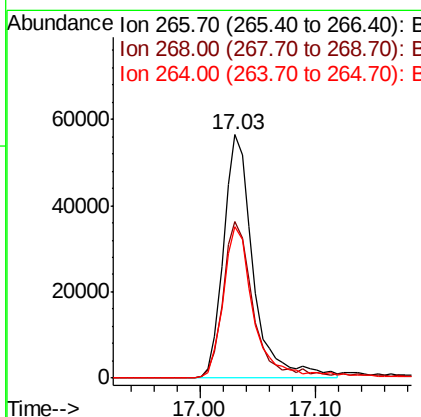
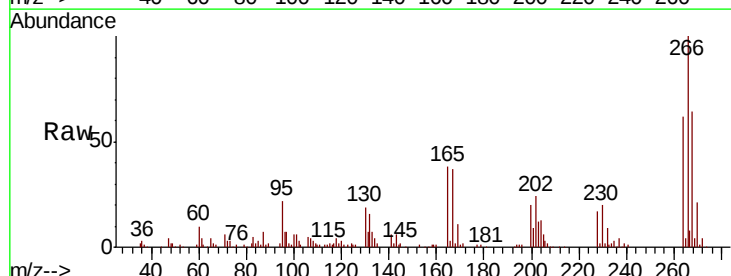
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#70
 Pentachlorophenol
 Concen: 71.638 ng
 RT: 17.03 min Scan# 2373
 Delta R.T. -0.00 min
 Lab File: BG043704.D
 Acq: 19 Nov 2019 18:55

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.5	53.2	79.8
264	62.3	48.9	73.3





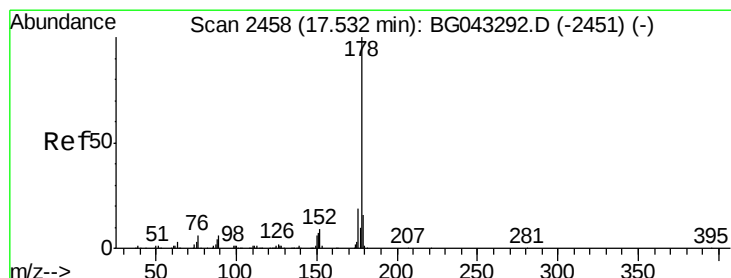
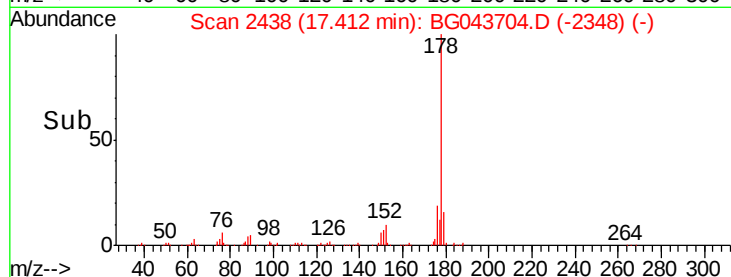
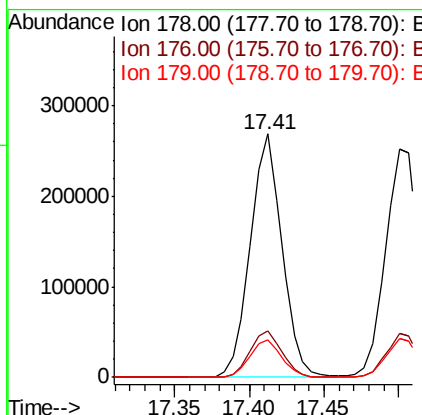
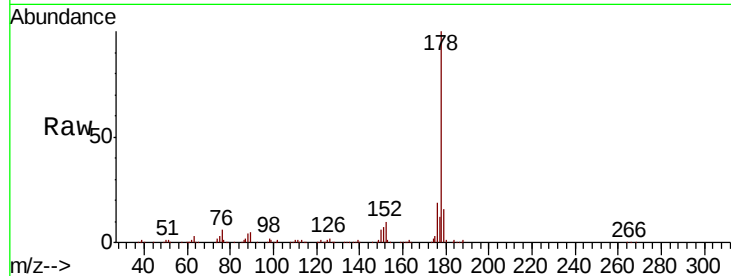
#71
Phenanthrene
Concen: 38.640 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BG043704.D
Acq: 19 Nov 2019 18:55

Instrument :
BNA_G
ClientSampleId :
2-(16-19)MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.0	22.4
179	15.6	13.0	19.4

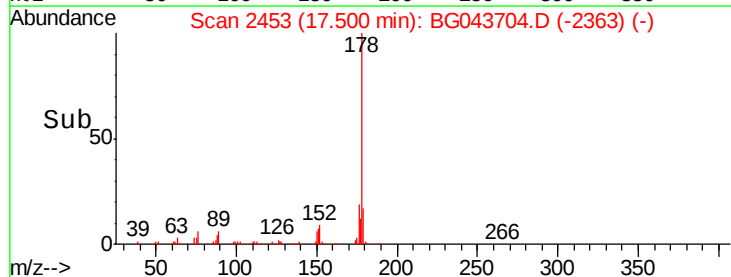
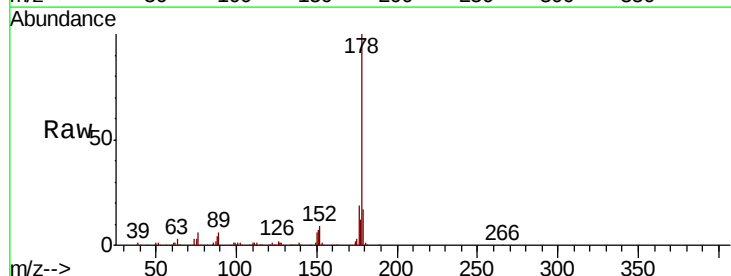
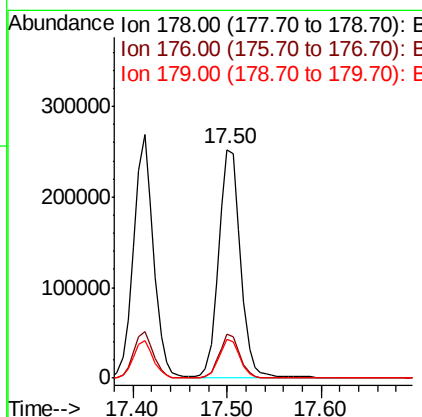
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#72
Anthracene
Concen: 40.082 ng
RT: 17.50 min Scan# 2453
Delta R.T. -0.00 min
Lab File: BG043704.D
Acq: 19 Nov 2019 18:55

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.0	22.6
179	16.7	13.3	19.9





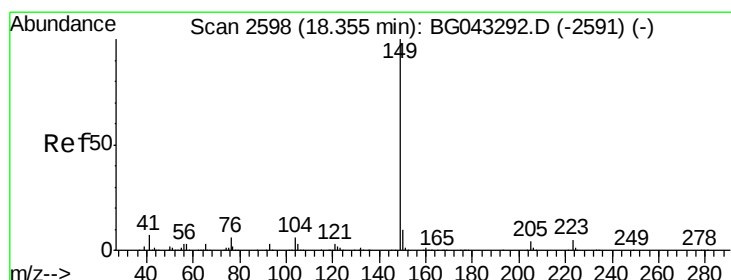
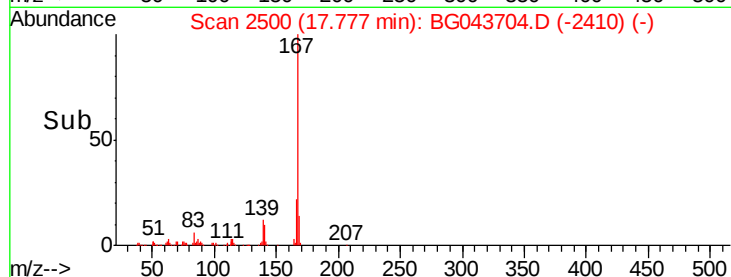
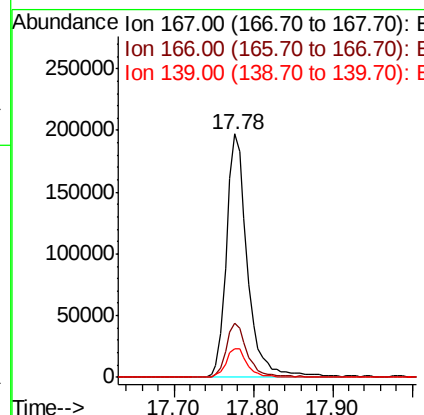
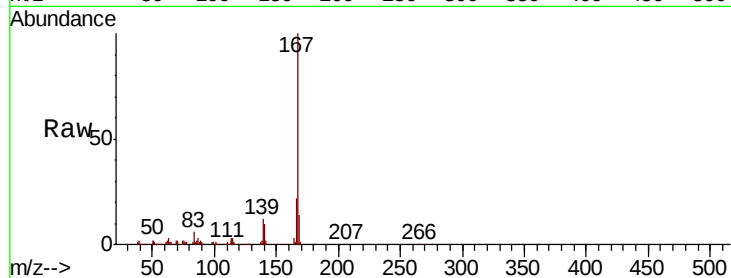
#73
 Carbazole
 Concen: 38.908 ng
 RT: 17.78 min Scan# 2500
 Delta R.T. -0.00 min
 Lab File: BG043704.D
 Acq: 19 Nov 2019 18:55

Instrument :
 BNA_G
 ClientSampleId :
 2-(16-19)MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.6	26.4
139	11.7	10.3	15.5

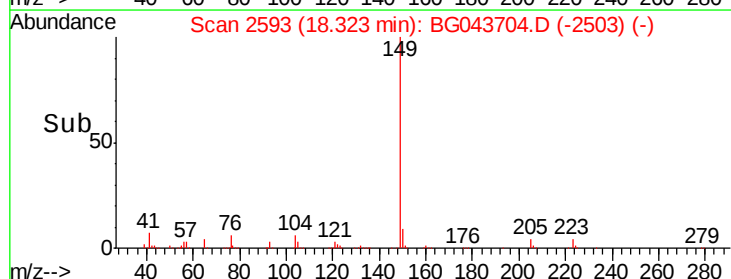
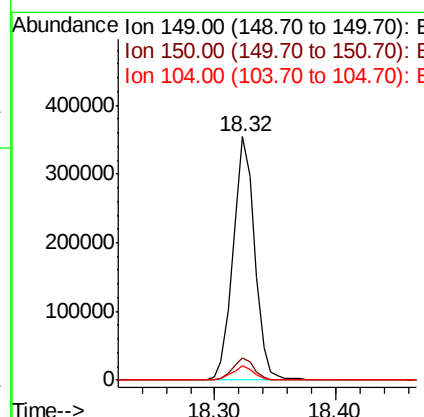
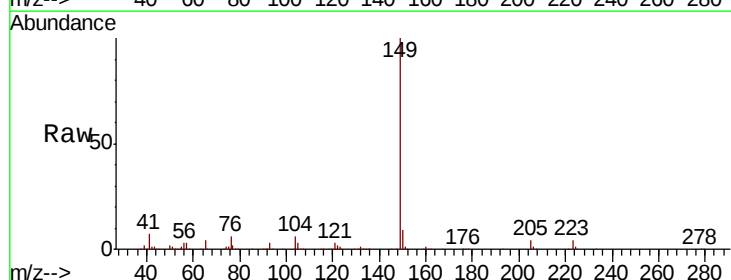
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#74
 Di-n-butylphthalate
 Concen: 39.369 ng
 RT: 18.32 min Scan# 2593
 Delta R.T. -0.00 min
 Lab File: BG043704.D
 Acq: 19 Nov 2019 18:55

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.6	11.4
104	6.0	4.7	7.1





#75

Fluoranthene

Concen: 39.971 ng

RT: 19.42 min Scan# 2780

Delta R.T. -0.00 min

Lab File: BG043704.D

Acq: 19 Nov 2019 18:55

Instrument :

BNA_G

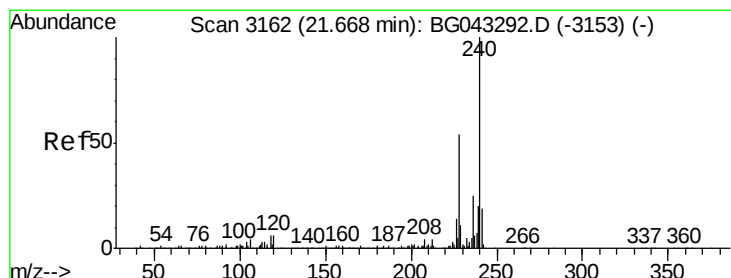
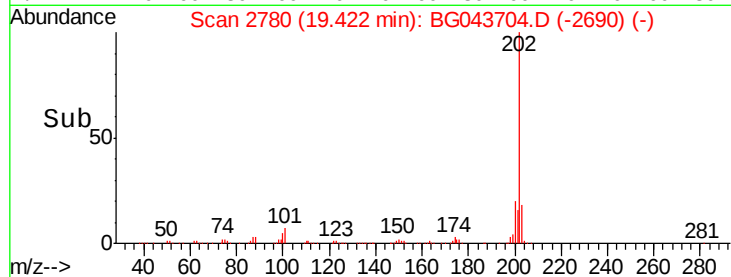
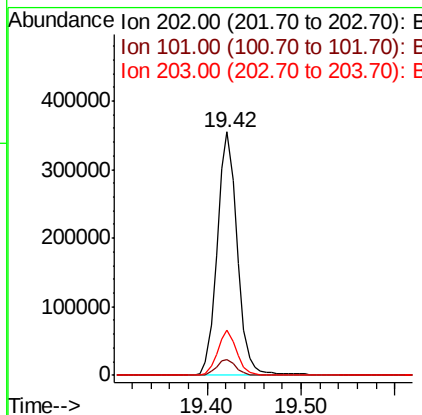
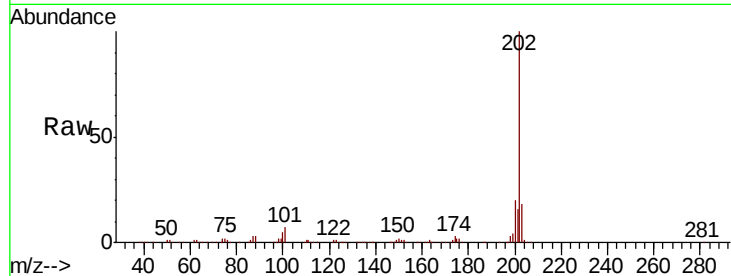
ClientSampleId :

2-(16-19)MS

Tot Ion:	202	Resp:	532641
Ion Ratio	Lower	Upper	
202	100		
101	6.6	0.0	25.6
203	18.4	0.0	37.6

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#76

Chrysene-d12

Concen: 20.000 ng

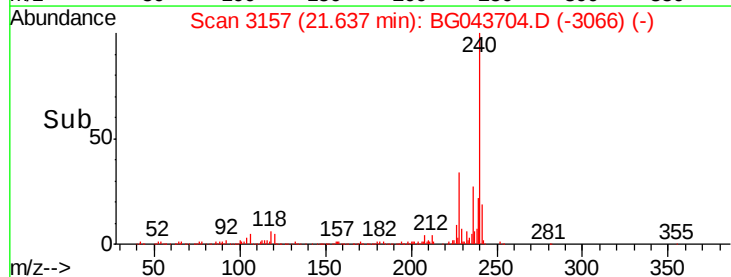
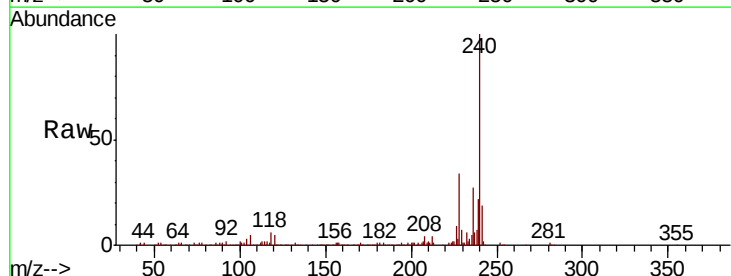
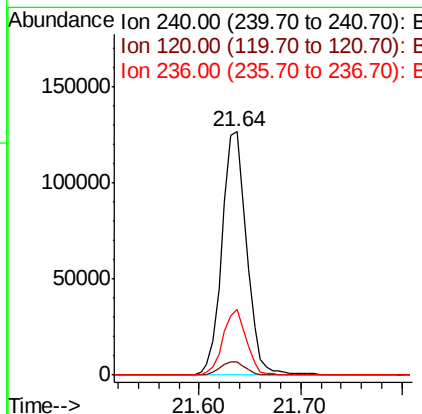
RT: 21.64 min Scan# 3157

Delta R.T. 0.00 min

Lab File: BG043704.D

Acq: 19 Nov 2019 18:55

Tgt Ion:	240	Resp:	214530
Ion Ratio	Lower	Upper	
240	100		
120	5.3	4.9	7.3
236	26.9	21.4	32.0





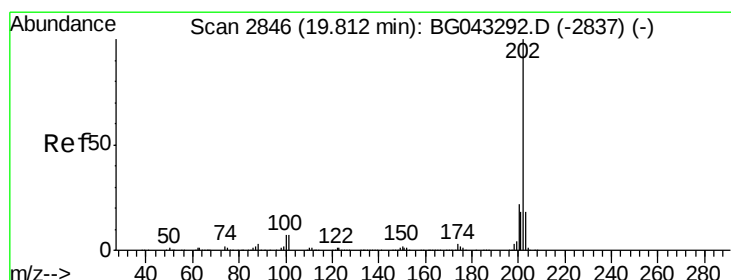
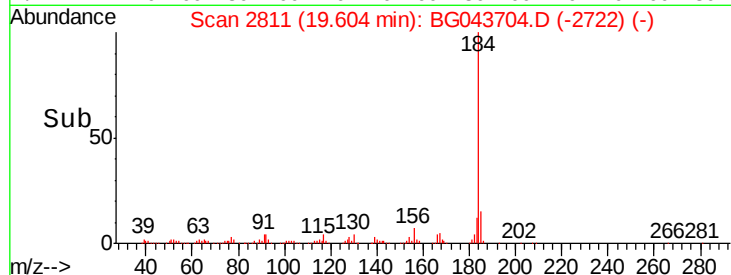
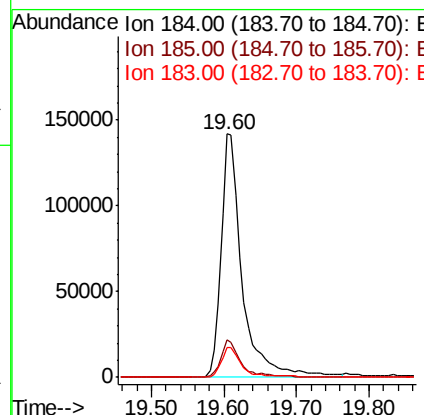
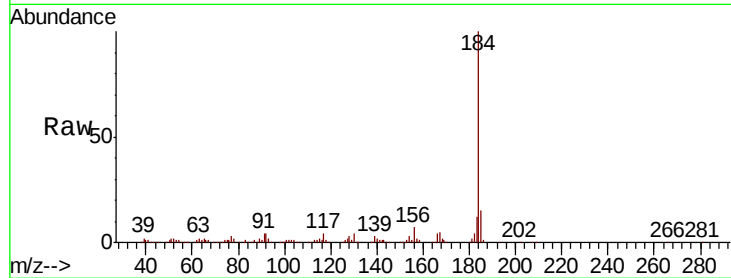
#77
Benzidine
Concen: 66.301 ng
RT: 19.60 min Scan# 2811
Delta R.T. -0.01 min
Lab File: BG043704.D
Acq: 19 Nov 2019 18:55

Instrument :
BNA_G
ClientSampleId :
2-(16-19)MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	286255		
185	15.2		12.7	19.1
183	12.3		8.8	13.2

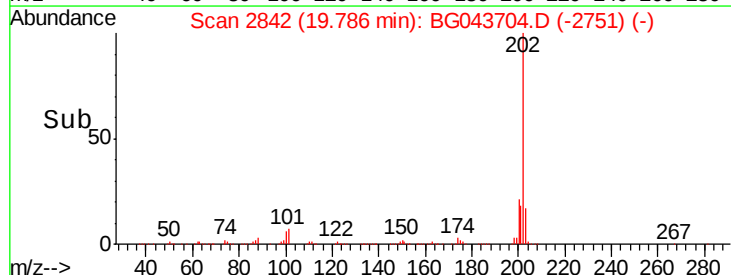
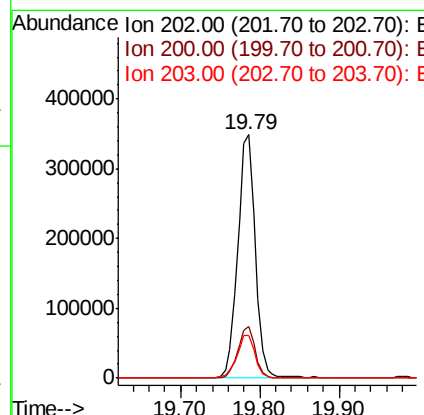
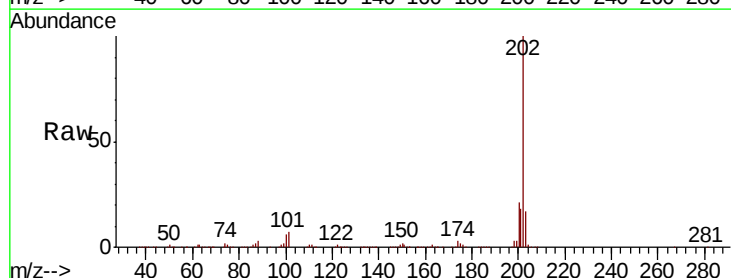
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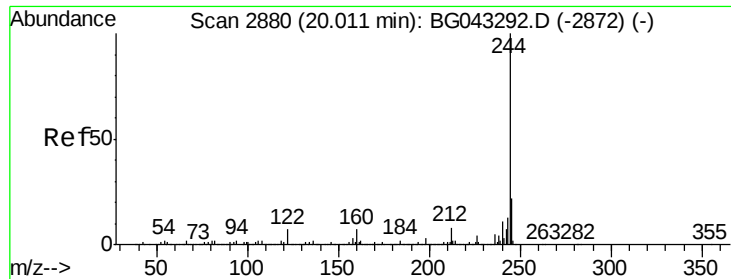
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#78
Pyrene
Concen: 40.208 ng
RT: 19.79 min Scan# 2842
Delta R.T. 0.00 min
Lab File: BG043704.D
Acq: 19 Nov 2019 18:55

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	533926		
200	21.3		16.9	25.3
203	17.4		14.8	22.2





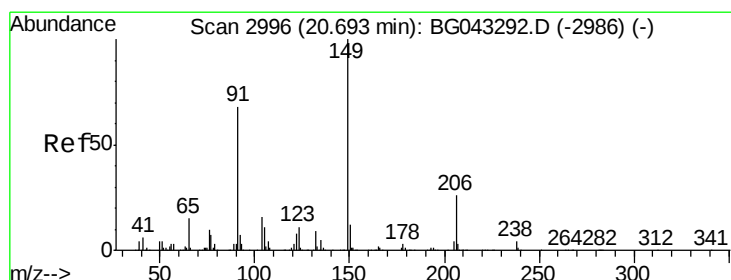
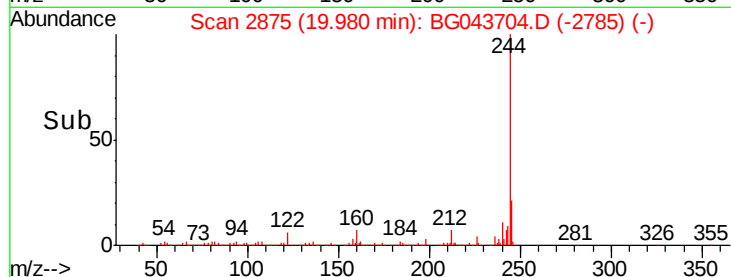
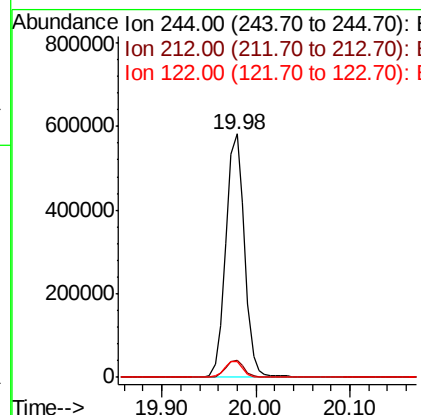
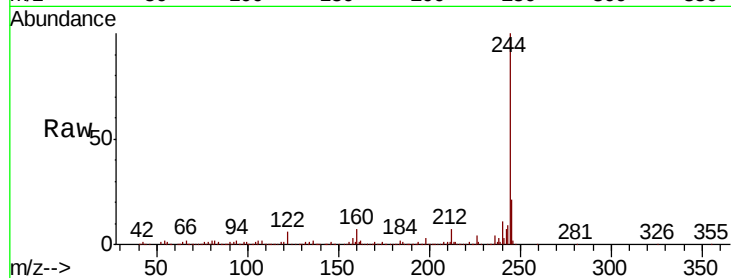
#79
 Terphenyl-d14
 Concen: 70.640 ng
 RT: 19.98 min Scan# 2875
 Delta R.T. -0.00 min
 Lab File: BG043704.D
 Acq: 19 Nov 2019 18:55

Instrument :
 BNA_G
 ClientSampleId :
 2-(16-19)MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	6.4	5.2	7.8

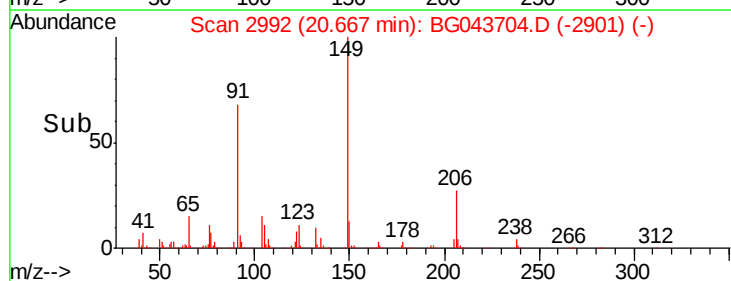
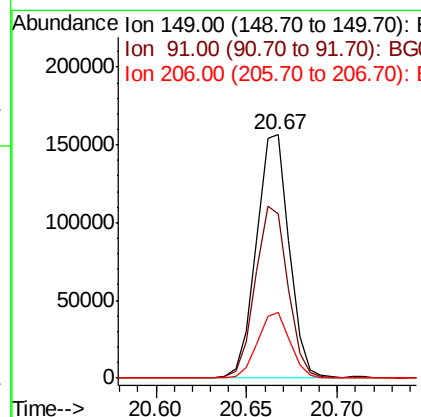
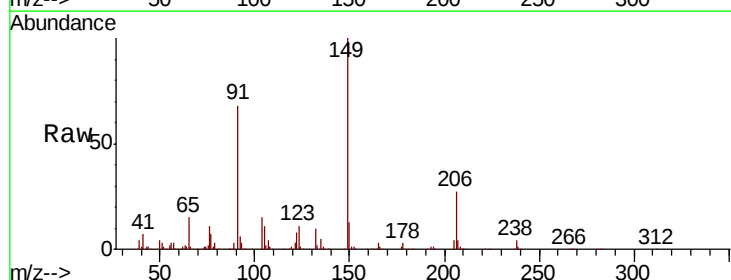
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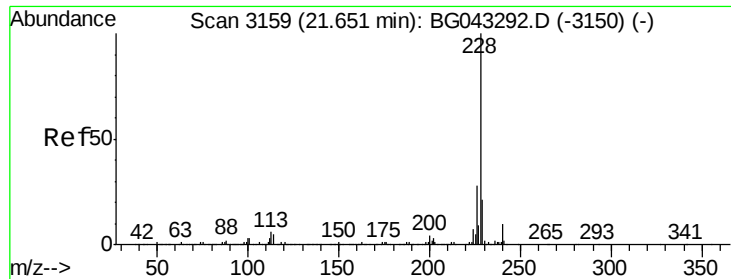
mohammad
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#80
 Butylbenzylphthalate
 Concen: 39.178 ng
 RT: 20.67 min Scan# 2992
 Delta R.T. 0.00 min
 Lab File: BG043704.D
 Acq: 19 Nov 2019 18:55

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.6	55.4	83.0
206	27.0	20.2	30.4





#81

Benzo(a)anthracene

Concen: 41.217 ng

RT: 21.61 min Scan# 3153

Delta R.T. -0.00 min

Lab File: BG043704.D

Acq: 19 Nov 2019 18:55

Instrument :

BNA_G

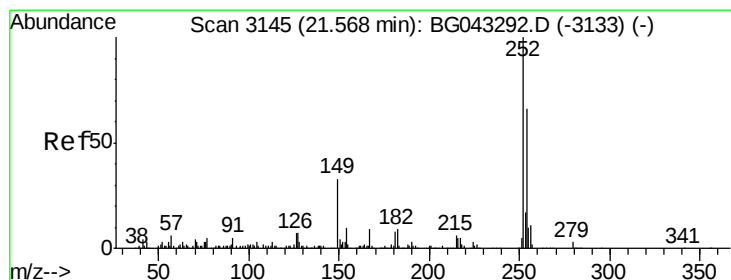
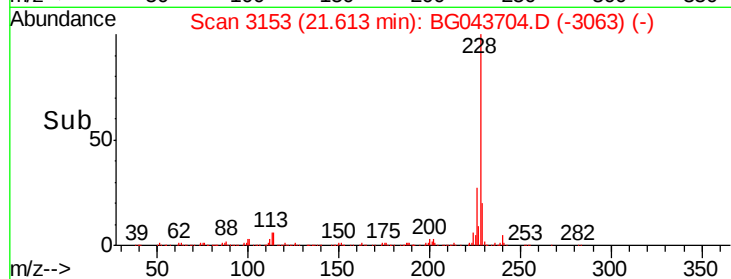
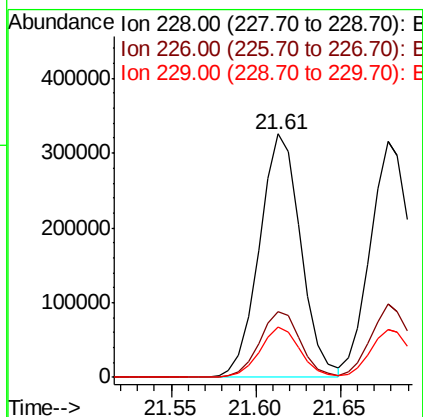
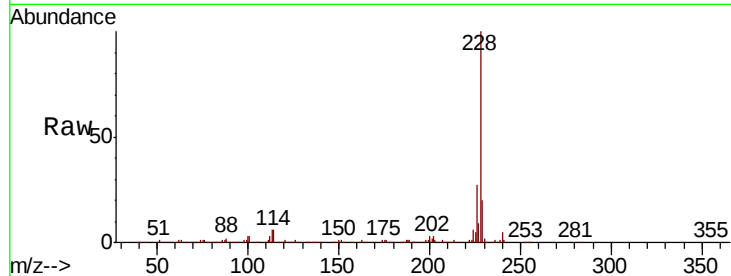
ClientSampleId :

2-(16-19)MS

Tot Ion:	228	Resp:	553874
Ion Ratio	Lower	Upper	
228	100		
226	26.9	21.8	32.6
229	20.4	15.9	23.9

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#82

3,3'-Dichlorobenzidine

Concen: 22.796 ng

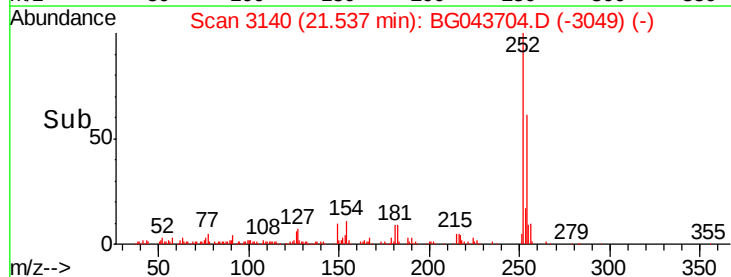
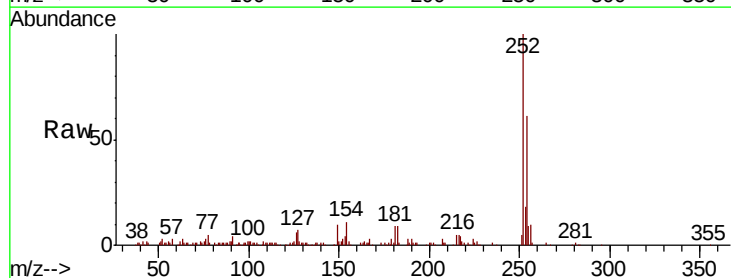
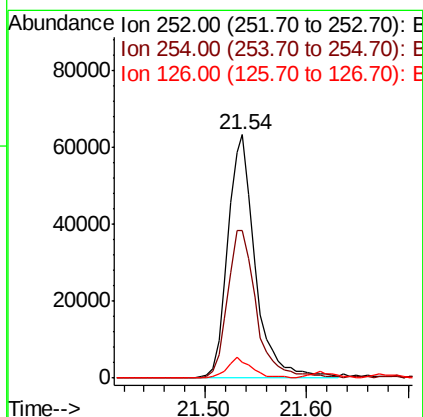
RT: 21.54 min Scan# 3140

Delta R.T. 0.00 min

Lab File: BG043704.D

Acq: 19 Nov 2019 18:55

Tgt Ion:	252	Resp:	118485
Ion Ratio	Lower	Upper	
252	100		
254	60.7	50.2	75.4
126	6.4	5.4	8.0





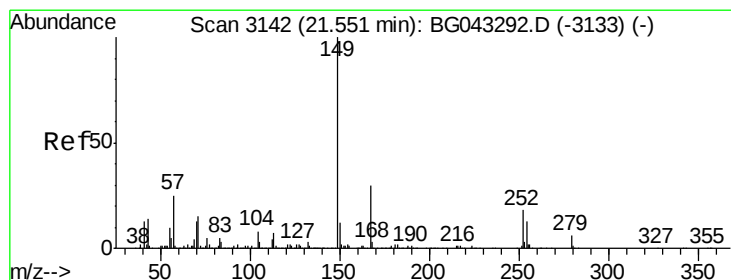
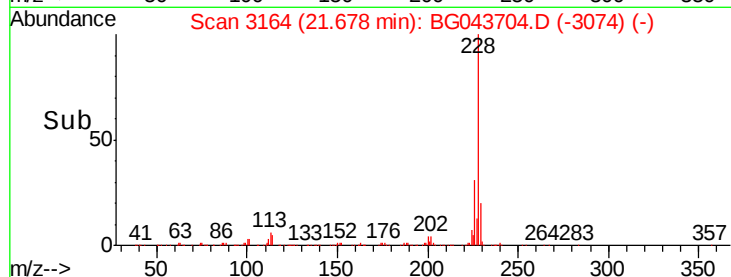
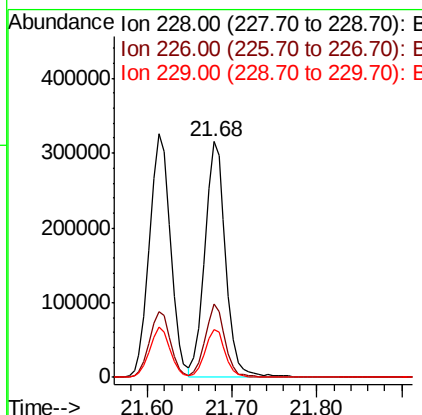
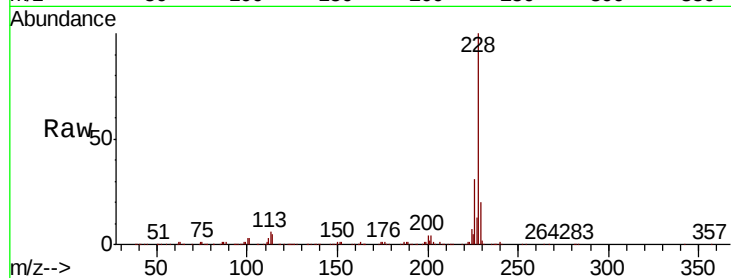
#83
 Chrvsene
 Concen: 40.550 ng
 RT: 21.68 min Scan# 3164
 Delta R.T. -0.00 min
 Lab File: BG043704.D
 Acq: 19 Nov 2019 18:55

Instrument :
 BNA_G
 ClientSampleId :
 2-(16-19)MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.3	34.9
229	20.4	16.5	24.7

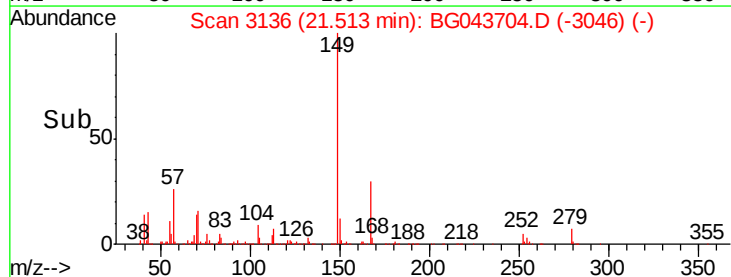
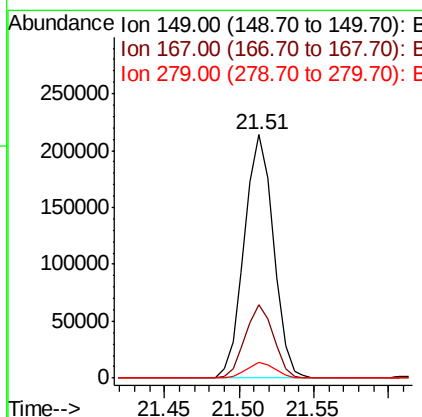
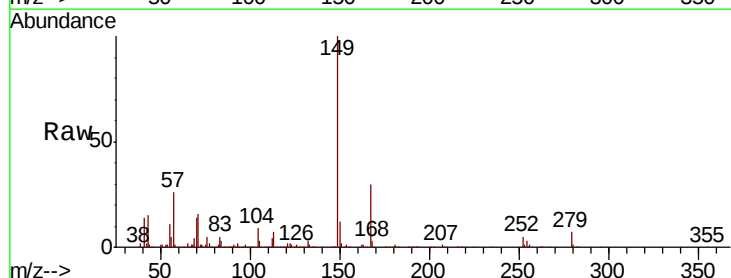
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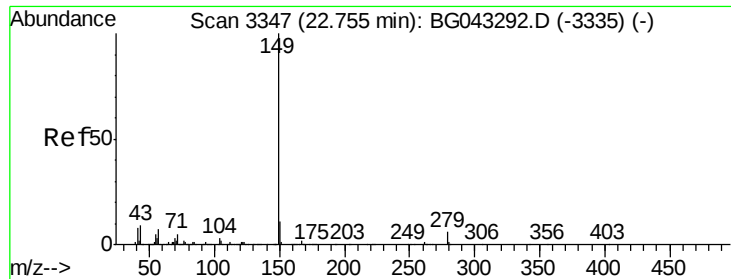
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.539 ng
 RT: 21.51 min Scan# 3136
 Delta R.T. -0.00 min
 Lab File: BG043704.D
 Acq: 19 Nov 2019 18:55

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.0	24.8	37.2
279	6.7	5.4	8.0





#85

Di-n-octyl phthalate

Concen: 41.101 ng

RT: 22.70 min Scan# 3338

Delta R.T. -0.01 min

Lab File: BG043704.D

Acq: 19 Nov 2019 18:55

Instrument :

BNA_G

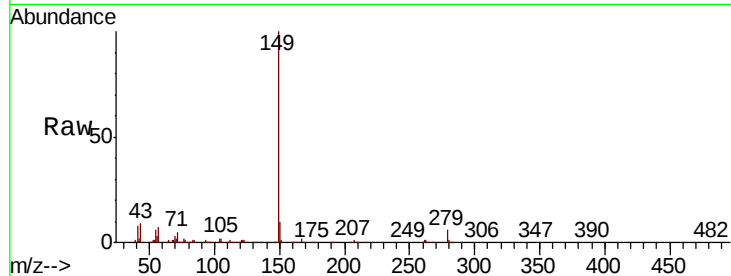
ClientSampleId :

2-(16-19)MS

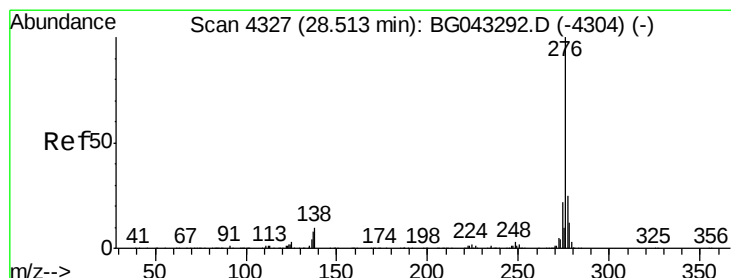
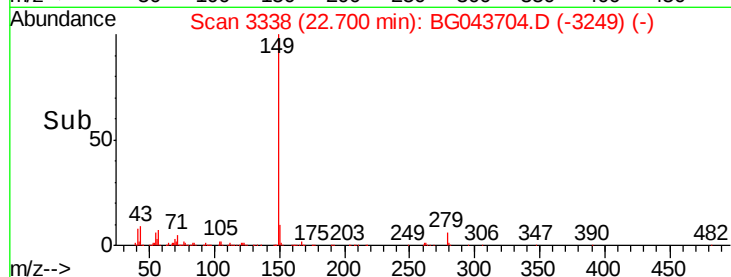
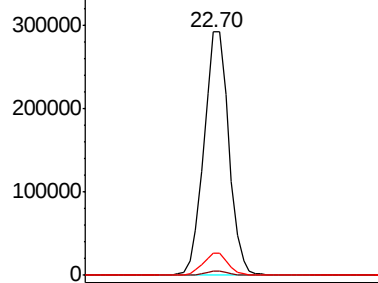
Tot Ion:	149	Resp:	498334
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.4	2.2
43	9.1	7.8	11.8

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.460 ng

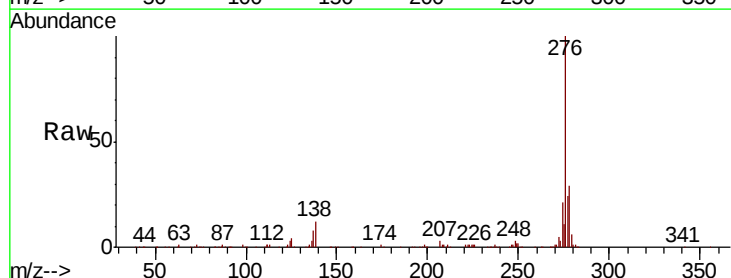
RT: 28.44 min Scan# 4315

Delta R.T. 0.00 min

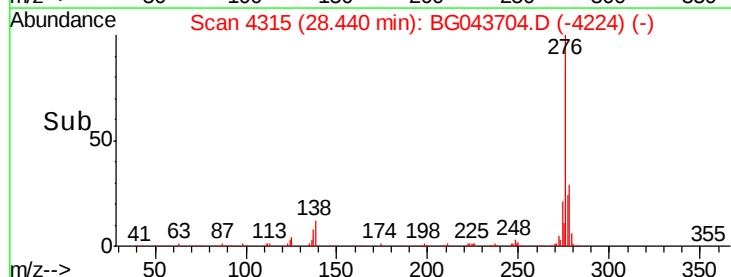
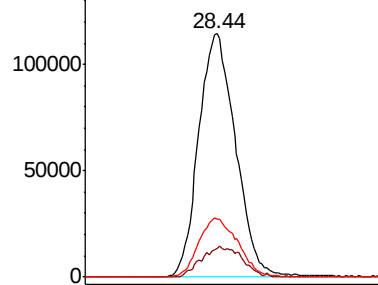
Lab File: BG043704.D

Acq: 19 Nov 2019 18:55

Tgt Ion:	276	Resp:	694856
Ion Ratio	Lower	Upper	
276	100		
138	7.8	11.3	16.9#
277	25.6	20.6	31.0



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





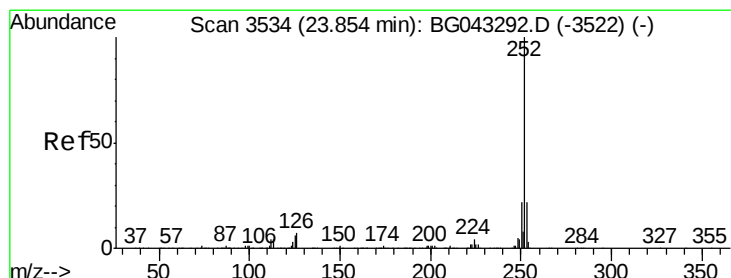
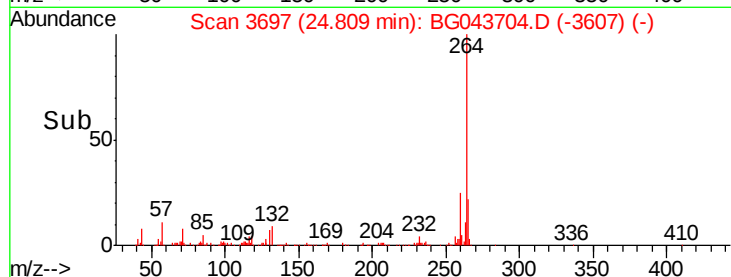
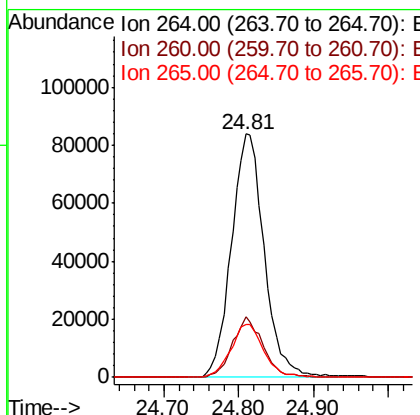
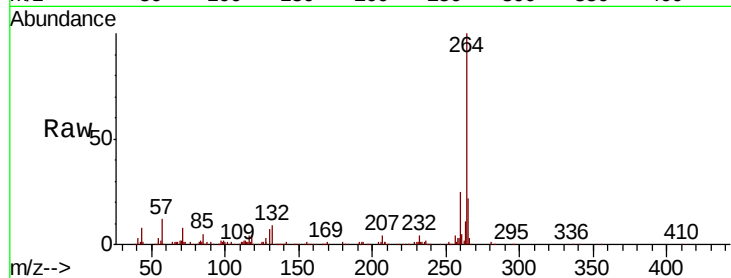
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.81 min Scan# 3697
Delta R.T. -0.00 min
Lab File: BG043704.D
Acq: 19 Nov 2019 18:55

Instrument :
BNA_G
ClientSampleId :
2-(16-19)MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.4	27.6
265	21.9	15.8	23.8

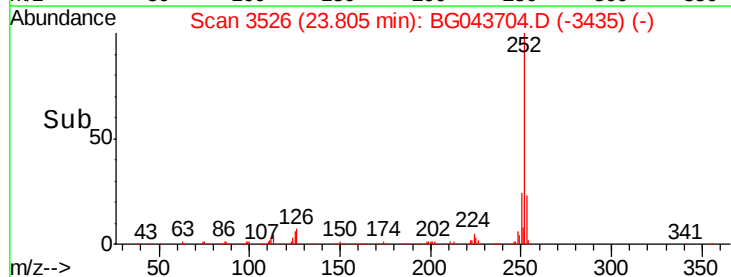
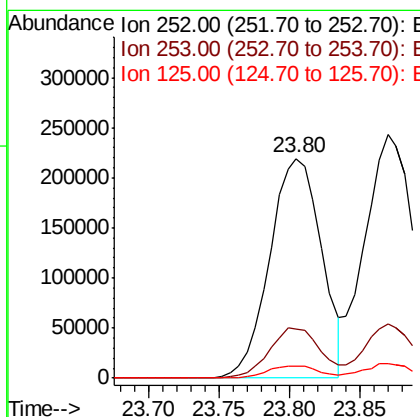
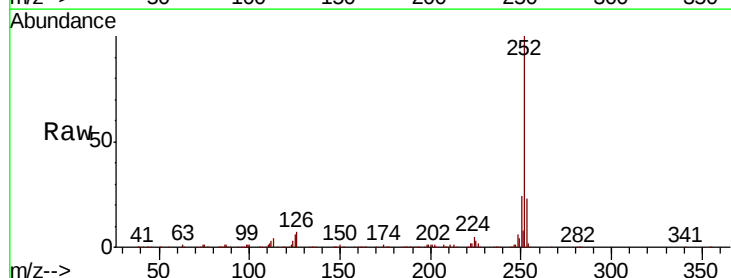
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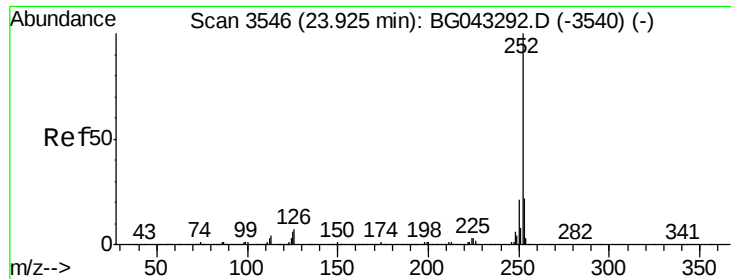
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#88
Benzo(b)fluoranthene
Concen: 38.868 ng
RT: 23.80 min Scan# 3526
Delta R.T. 0.00 min
Lab File: BG043704.D
Acq: 19 Nov 2019 18:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.7	26.5
125	5.7	4.5	6.7





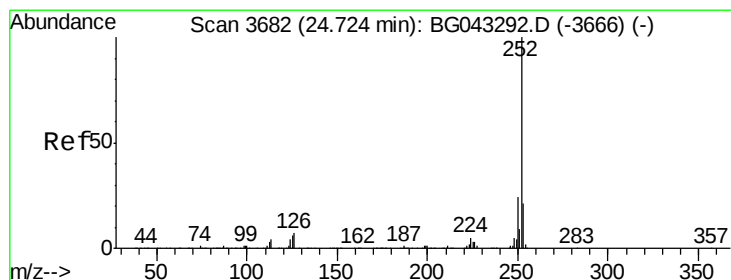
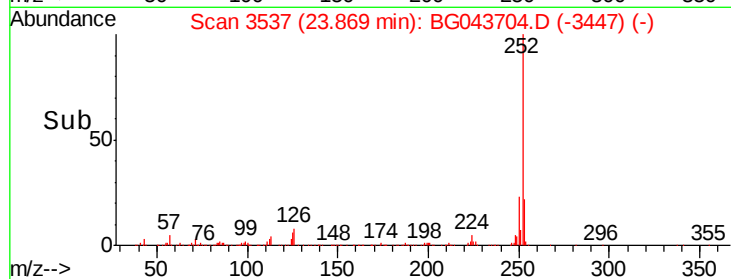
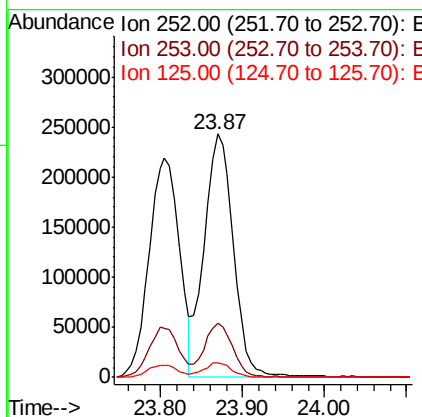
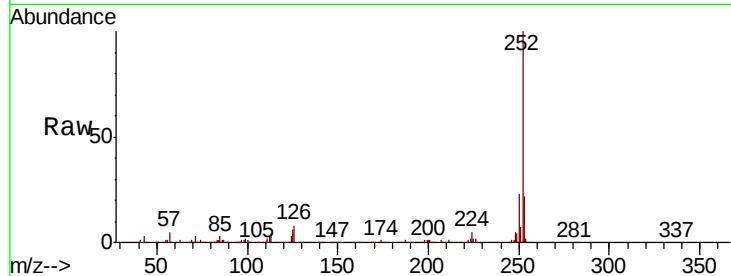
#89
Benzo(k)fluoranthene
Concen: 41.382 ng
RT: 23.87 min Scan# 3537
Delta R.T. -0.00 min
Lab File: BG043704.D
Acq: 19 Nov 2019 18:55

Instrument :
BNA_G
ClientSampleId :
2-(16-19)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
252	100		601076		
253	22.0	18.0	27.0		
125	6.1	4.7	7.1		

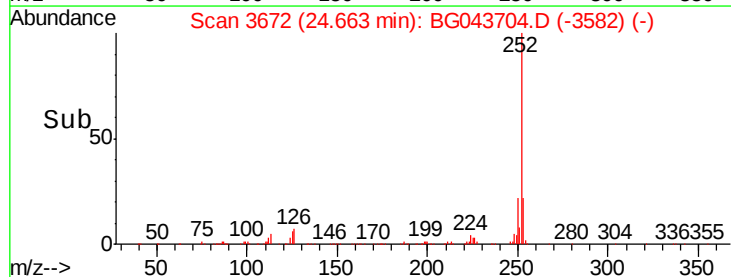
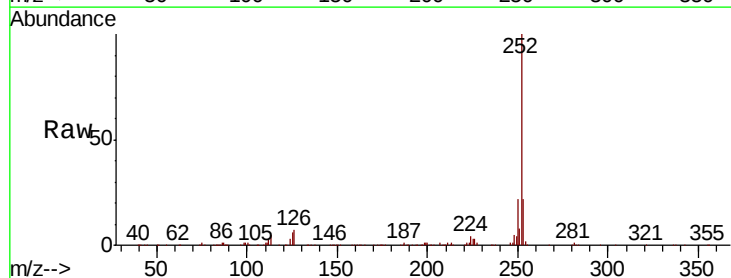
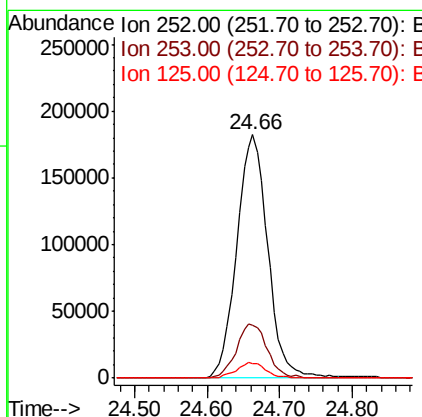
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#90
Benzo(a)pyrene
Concen: 39.157 ng
RT: 24.66 min Scan# 3672
Delta R.T. -0.00 min
Lab File: BG043704.D
Acq: 19 Nov 2019 18:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100		539498		
253	21.6	17.9	26.9		
125	6.1	5.0	7.6		





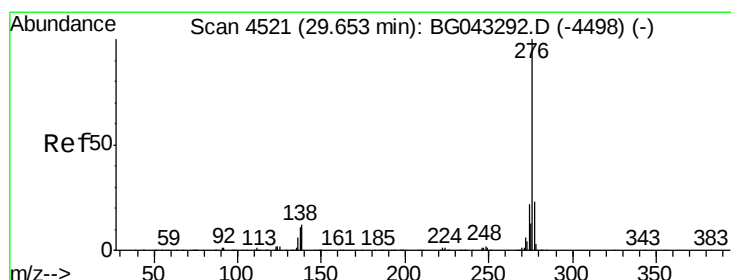
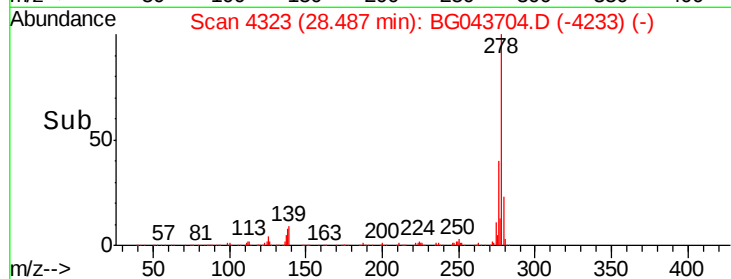
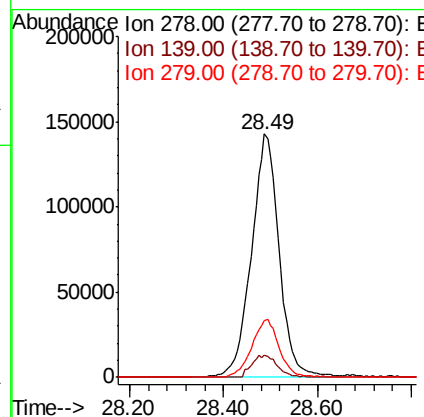
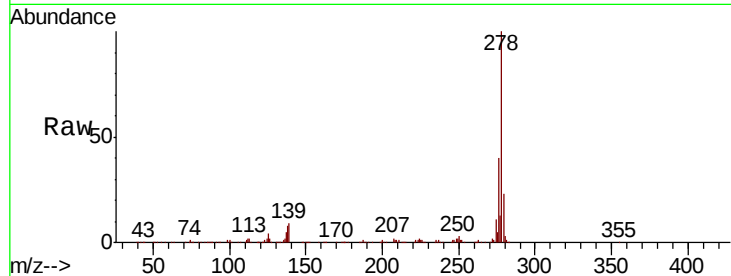
#91
Dibenzo(a,h)anthracene
Concen: 41.502 ng
RT: 28.49 min Scan# 4323
Delta R.T. -0.00 min
Lab File: BG043704.D
Acq: 19 Nov 2019 18:55

Instrument :
BNA_G
ClientSampleId :
2-(16-19)MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.1	7.2	10.8
279	23.1	19.0	28.4

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#92
Benzo(g,h,i)perylene
Concen: 41.391 ng
RT: 29.57 min Scan# 4507
Delta R.T. -0.01 min
Lab File: BG043704.D
Acq: 19 Nov 2019 18:55

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.4	19.8	29.6
138	11.9	9.7	14.5

