

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111919\
 Data File : BG043705.D
 Acq On : 19 Nov 2019 19:34
 Operator : JU
 Sample : K5865-23MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

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

Manual Integrations
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mohammad
 11/21/2019 9:04:15 AM

Quant Time: Nov 20 03:07:53 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	28013	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	116292	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	85334	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	213975	20.00	ng	0.00
76) Chrysene-d12	21.64	240	230078	20.00	ng	0.00
87) Perylene-d12	24.81	264	273309	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	218187	142.73	ng	0.00
7) Phenol-d6	7.19	99	307124	139.64	ng	0.00
23) Nitrobenzene-d5	9.15	82	185454	82.22	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	190438	117.27	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	501561	81.22	ng	0.00
79) Terphenyl-d14	19.98	244	998993	81.46	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.45	88	21232	35.640	ng	98
3) Pyridine	3.85	79	53896	35.865	ng	98
4) n-Nitrosodimethylamine	3.76	42	37997	50.108	ng	97
6) Aniline	7.32	93	71871	28.366	ng	97
8) 2-Chlorophenol	7.56	128	87356	51.766	ng	96
9) Benzaldehyde	7.13	77	40946	37.881	ng	94
10) Phenol	7.21	94	122762	61.080	ng	98
11) bis(2-Chloroethyl)ether	7.41	93	70182	45.165	ng	92
12) 1,3-Dichlorobenzene	7.88	146	91368	43.214	ng	98
13) 1,4-Dichlorobenzene	8.02	146	94656	44.248	ng	98
14) 1,2-Dichlorobenzene	8.35	146	91931	44.014	ng	93
15) Benzyl Alcohol	8.24	79	72528	46.953	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.52	45	102112	45.192	ng	98
17) 2-Methylphenol	8.46	107	74811	51.059	ng	97
18) Hexachloroethane	9.07	117	33360	43.224	ng	94
19) n-Nitroso-di-n-propylamine	8.79	70	66429	46.740	ng	97
20) 3+4-Methylphenols	8.79	107	101706	50.622	ng	96
22) Acetophenone	8.82	105	128168	43.037	ng	# 97
24) Nitrobenzene	9.20	77	98791	45.975	ng	98
25) Isophorone	9.71	82	189054	45.842	ng	97
26) 2-Nitrophenol	9.91	139	50404	48.586	ng	92
27) 2,4-Dimethylphenol	9.98	122	84764	57.007	ng	97
28) bis(2-Chloroethoxy)methane	10.20	93	100034	43.949	ng	96
29) 2,4-Dichlorophenol	10.46	162	94736	49.727	ng	96
30) 1,2,4-Trichlorobenzene	10.65	180	103791	43.226	ng	97
31) Naphthalene	10.84	128	273760	46.377	ng	100
32) Benzoic acid	10.17	122	39013	36.934	ng	95
33) 4-Chloroaniline	10.98	127	10654	4.403	ng	# 91
34) Hexachlorobutadiene	11.13	225	73412	41.359	ng	97
35) Caprolactam	11.74	113	31432m	47.905	ng	
36) 4-Chloro-3-methylphenol	12.11	107	102386	49.269	ng	89
37) 2-Methylnaphthalene	12.45	142	209158	46.180	ng	96
38) 1-Methylnaphthalene	12.67	142	202363	46.958	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	138678	43.912	ng	99

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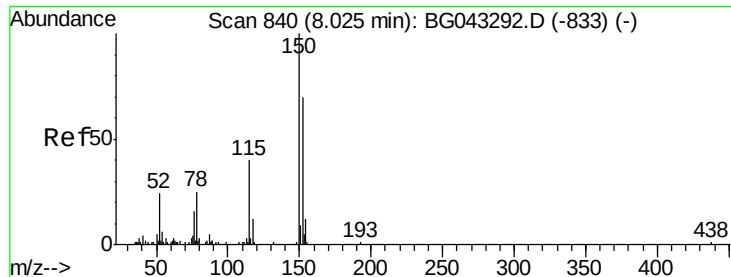
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.79	237	136283	82.150	ng	99
43) 2,4,6-Trichlorophenol	13.06	196	88163	47.404	ng	92
44) 2,4,5-Trichlorophenol	13.16	196	94727	50.380	ng	98
46) 1,1'-Biphenyl	13.46	154	286872	44.190	ng	99
47) 2-Chloronaphthalene	13.50	162	223388	45.226	ng	99
48) 2-Nitroaniline	13.71	65	68762	46.578	ng	98
49) Acenaphthylene	14.34	152	367494	47.805	ng	99
50) Dimethylphthalate	14.08	163	378487	57.262	ng	98
51) 2,6-Dinitrotoluene	14.20	165	69601	48.470	ng	93
52) Acenaphthene	14.69	154	213471	45.535	ng	98
53) 3-Nitroaniline	14.54	138	25018	18.046	ng	95
54) 2,4-Dinitrophenol	14.74	184	77506	85.851	ng	92
55) Dibenzofuran	15.02	168	360424	47.409	ng	97
56) 4-Nitrophenol	14.89	139	91313	98.286	ng	84
57) 2,4-Dinitrotoluene	14.99	165	97433	47.479	ng	96
58) Fluorene	15.67	166	300866	47.185	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.26	232	98279	49.197	ng	99
60) Diethylphthalate	15.44	149	303775	45.740	ng	100
61) 4-Chlorophenyl-phenylether	15.66	204	170898	45.943	ng	98
62) 4-Nitroaniline	15.71	138	63119	44.084	ng	93
63) Azobenzene	15.95	77	256369	47.697	ng	98
65) 4,6-Dinitro-2-methylphenol	15.76	198	61924	49.175	ng	98
66) n-Nitrosodiphenylamine	15.88	169	264940	43.856	ng	97
67) 4-Bromophenyl-phenylether	16.55	248	119578	41.526	ng	95
68) Hexachlorobenzene	16.68	284	136741	41.368	ng	96
69) Atrazine	16.82	200	114984	54.777	ng	98
70) Pentachlorophenol	17.03	266	133511	88.643	ng	98
71) Phenanthrene	17.41	178	487776	44.517	ng	98
72) Anthracene	17.51	178	509640	46.488	ng	98
73) Carbazole	17.78	167	451285	45.457	ng	99
74) Di-n-butylphthalate	18.32	149	535453	44.452	ng	99
75) Fluoranthene	19.42	202	653350	45.738	ng	99
77) Benzidine	19.60	184	372396	80.424	ng	# 96
78) Pyrene	19.79	202	654960	45.989	ng	99
80) Butylbenzylphthalate	20.67	149	245980	45.589	ng	94
81) Benzo(a)anthracene	21.61	228	678239	47.061	ng	99
82) 3,3'-Dichlorobenzidine	21.53	252	149865	26.885	ng	95
83) Chrysene	21.68	228	659577	46.062	ng	99
84) Bis(2-ethylhexyl)phthalate	21.51	149	362519	47.299	ng	96
85) Di-n-octyl phthalate	22.71	149	621722	47.813	ng	98
86) Indeno(1,2,3-cd)pyrene	28.43	276	858769	47.777	ng	# 94
88) Benzo(b)fluoranthene	23.81	252	726565	46.938	ng	99
89) Benzo(k)fluoranthene	23.87	252	712548	45.725	ng	99
90) Benzo(a)pyrene	24.67	252	671014	45.395	ng	98
91) Dibenzo(a,h)anthracene	28.49	278	724801	47.938	ng	97
92) Benzo(g,h,i)perylene	29.57	276	718913	48.204	ng	96

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



#1

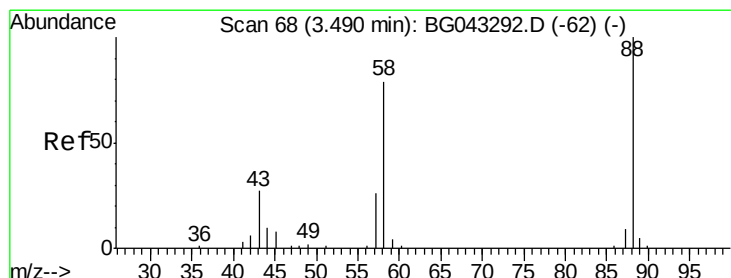
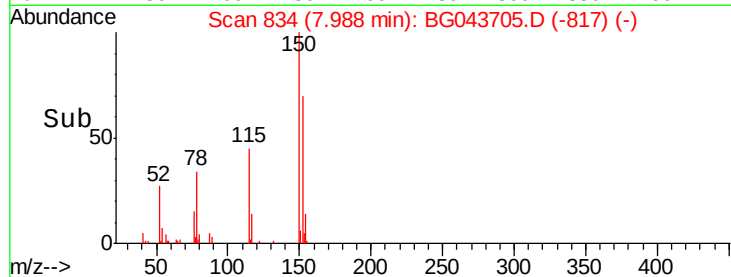
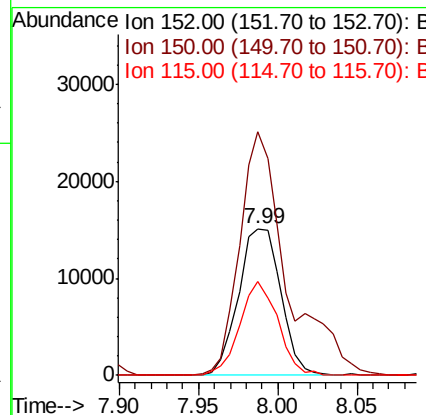
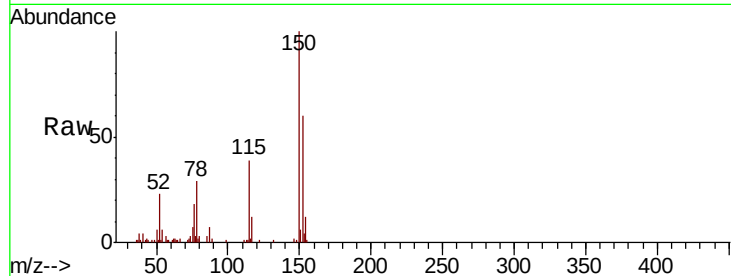
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.00 min
Lab File: BG043705.D
Acq: 19 Nov 2019 19:34

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	166.4	116.6	175.0
115	64.1	40.5	60.7

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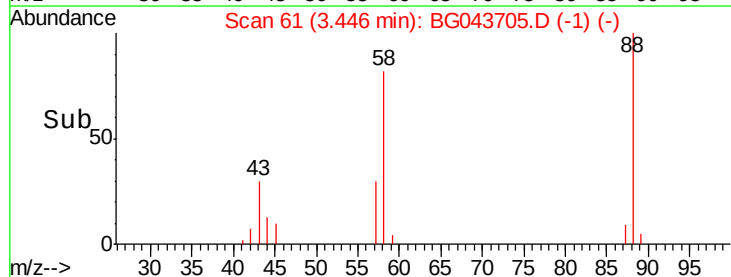
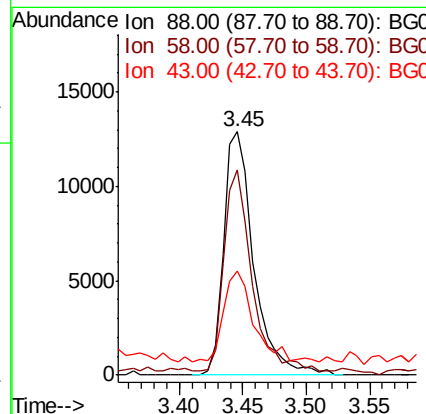
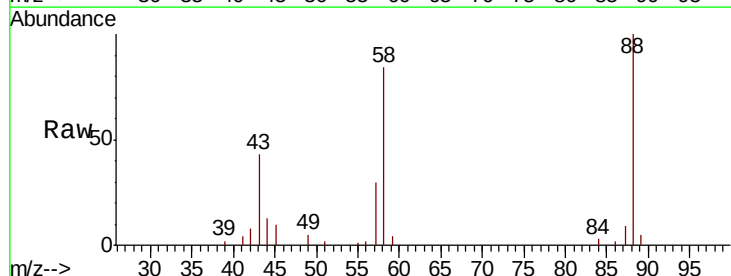
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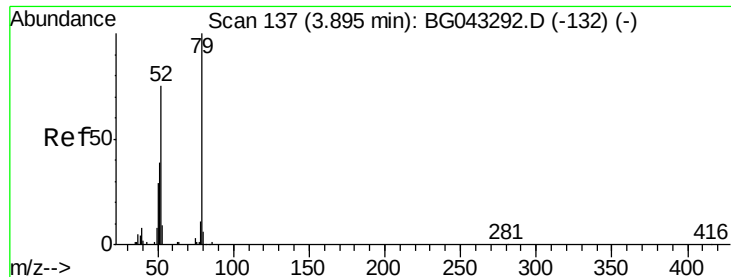


#2

1,4-Dioxane
Concen: 35.640 ng
RT: 3.45 min Scan# 61
Delta R.T. -0.00 min
Lab File: BG043705.D
Acq: 19 Nov 2019 19:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.6	62.2	93.4
43	36.2	30.1	45.1





#3

Pvridine

Concen: 35.865 ng

RT: 3.85 min Scan# 129

Delta R.T. -0.01 min

Lab File: BG043705.D

Acq: 19 Nov 2019 19:34

Instrument :

BNA_G

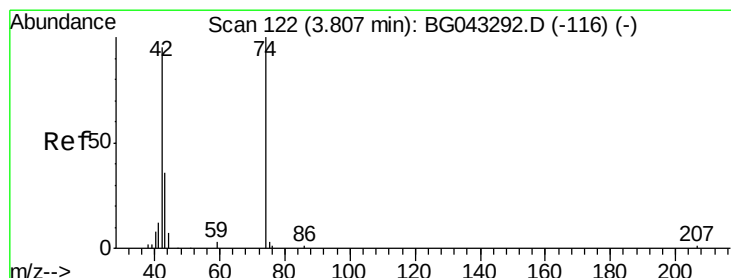
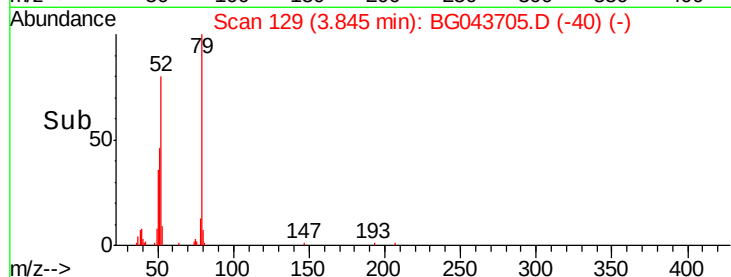
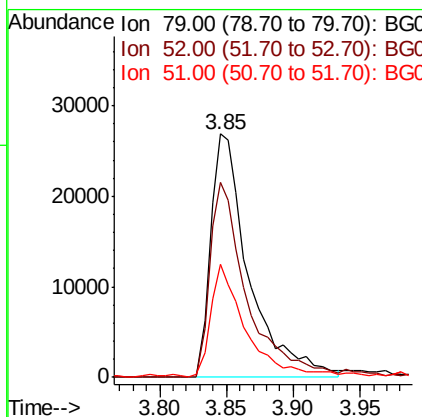
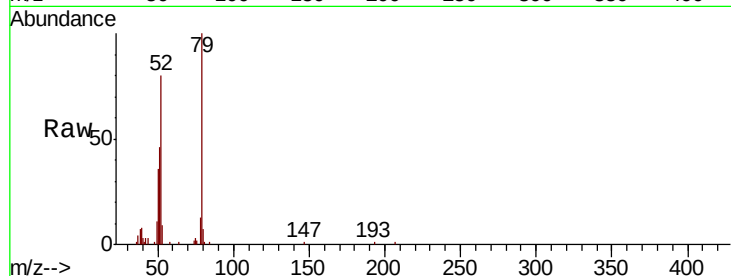
ClientSampleId :

2-(16-19)MSD

Tot Ion:	79	Resp:	53896
Ion Ratio	Lower	Upper	
79	100		
52	79.9	63.2	94.8
51	46.2	34.5	51.7

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#4

n-Nitrosodimethylamine

Concen: 50.108 ng

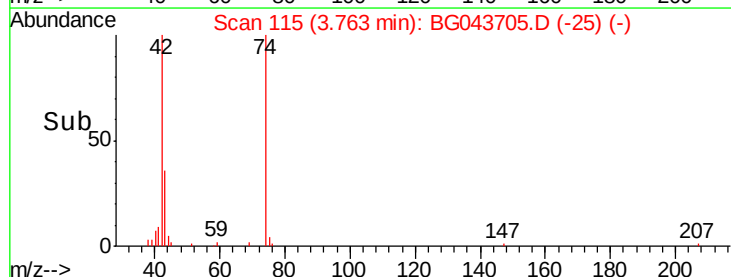
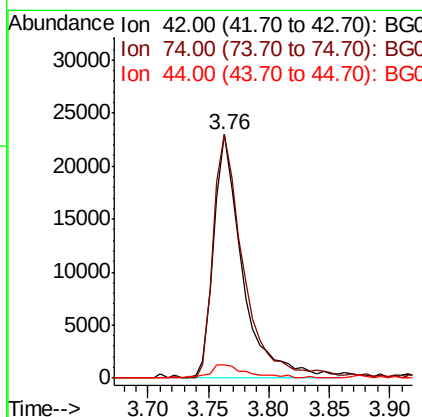
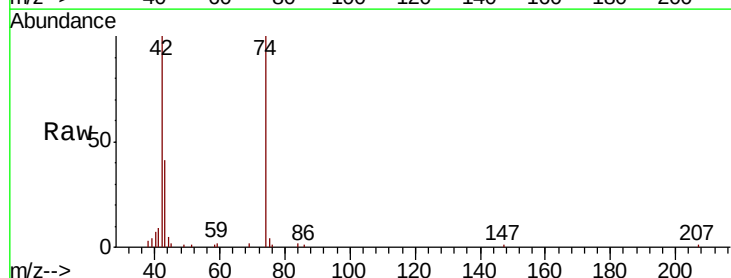
RT: 3.76 min Scan# 115

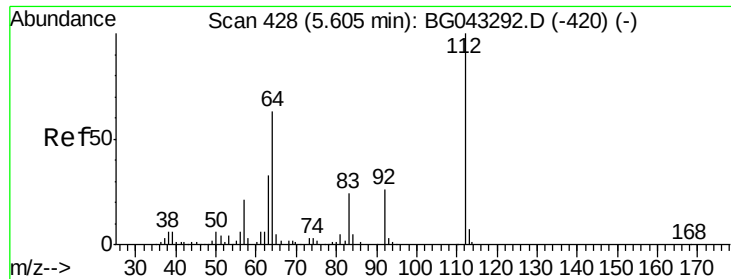
Delta R.T. -0.00 min

Lab File: BG043705.D

Acq: 19 Nov 2019 19:34

Tgt Ion:	42	Resp:	37997
Ion Ratio	Lower	Upper	
42	100		
74	100.1	83.0	124.6
44	5.4	4.4	6.6





#5

2-Fluorophenol

Concen: 142.725 ng

RT: 5.58 min Scan# 425

Delta R.T. 0.00 min

Lab File: BG043705.D

Acq: 19 Nov 2019 19:34

Instrument :

BNA_G

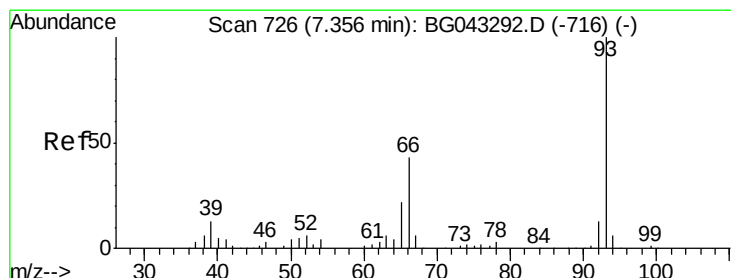
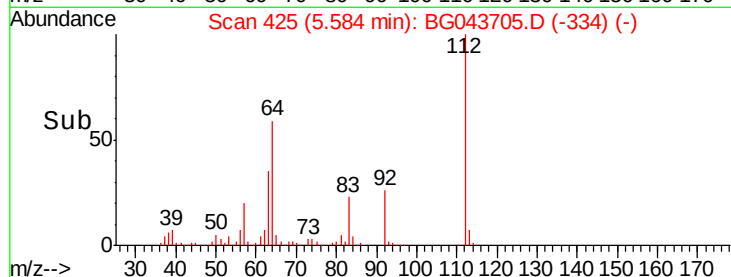
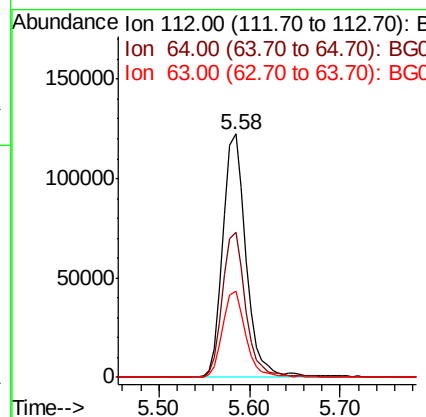
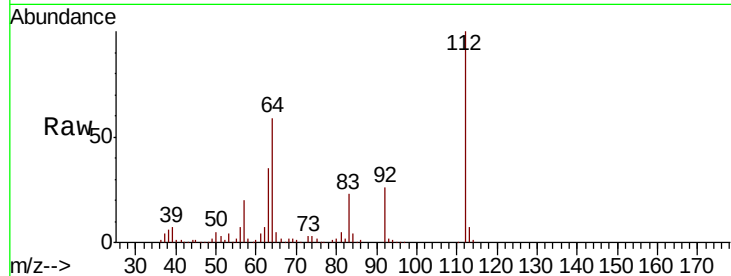
ClientSampleId :

2-(16-19)MSD

Tot Ion:	112	Resp:	218187
Ion Ratio	Lower	Upper	
112	100		
64	59.5	50.6	75.8
63	35.3	30.5	45.7

Manual Integrations
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#6

Aniline

Concen: 28.366 ng

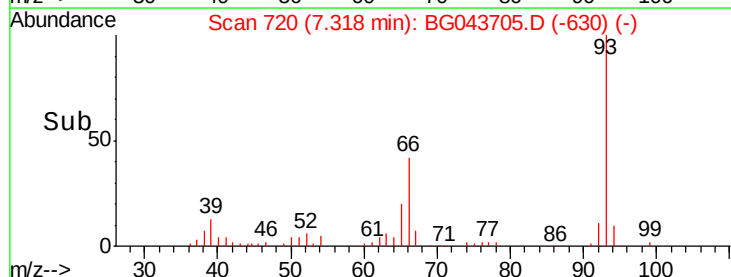
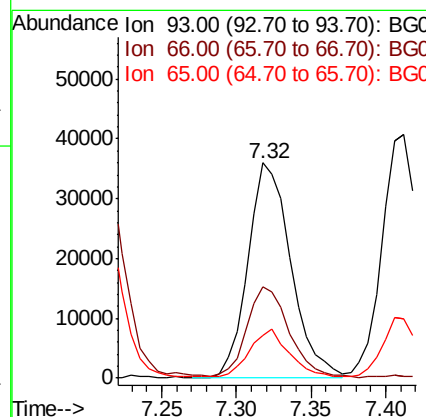
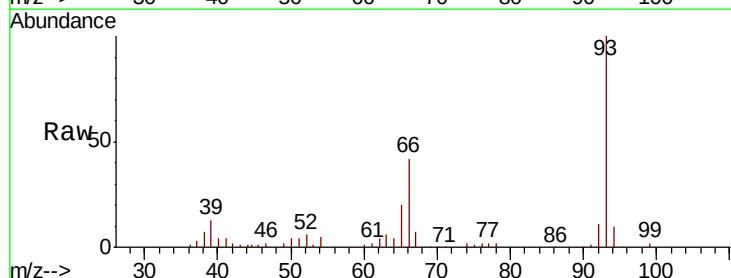
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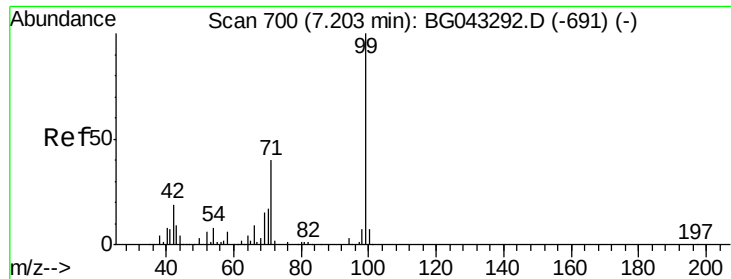
Delta R.T. -0.00 min

Lab File: BG043705.D

Acq: 19 Nov 2019 19:34

Tgt Ion:	93	Resp:	71871
Ion Ratio	Lower	Upper	
93	100		
66	42.3	35.4	53.2
65	19.7	17.1	25.7





#7

Phenol-d6

Concen: 139.636 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG043705.D

Acq: 19 Nov 2019 19:34

Instrument :

BNA_G

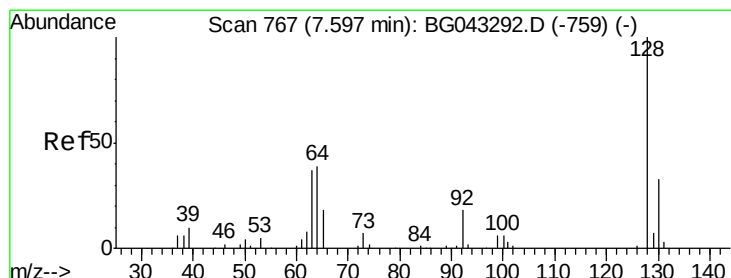
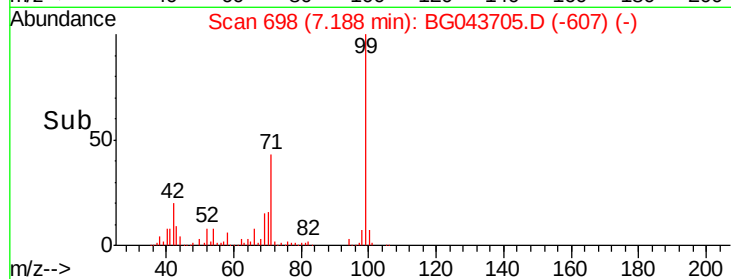
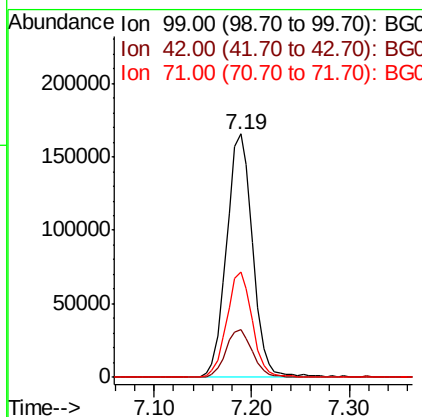
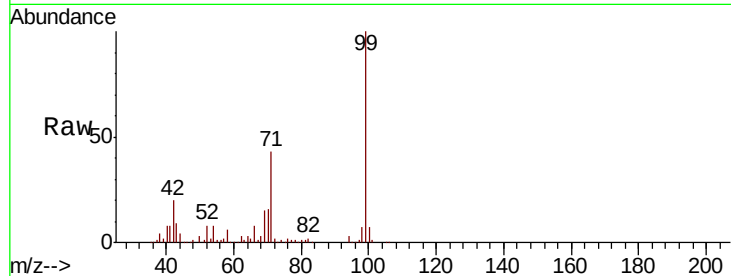
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Tot Ion:	99	Resp:	307124
Ion Ratio	Lower	Upper	
99	100		
42	19.8	15.8	23.8
71	43.2	34.4	51.6

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#8

2-Chlorophenol

Concen: 51.766 ng

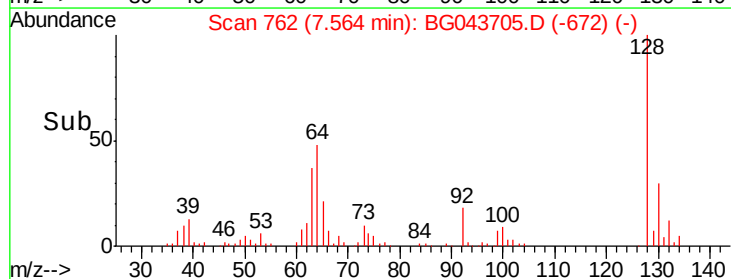
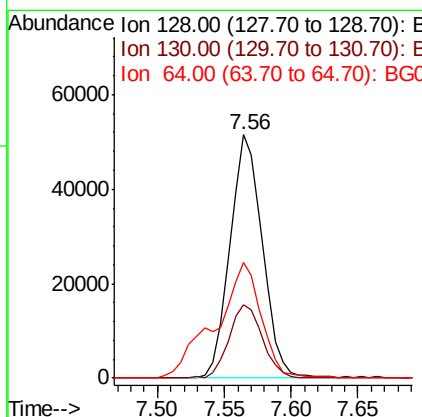
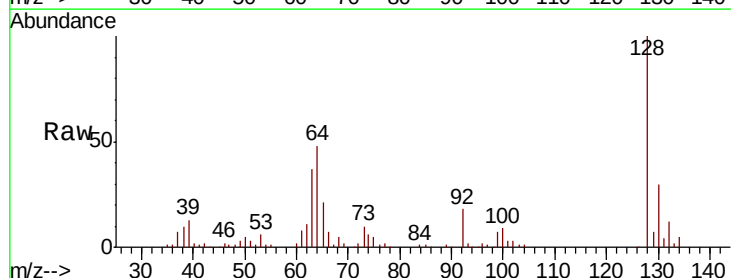
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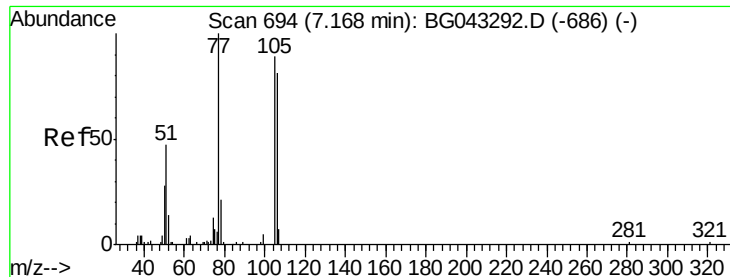
Delta R.T. -0.00 min

Lab File: BG043705.D

Acq: 19 Nov 2019 19:34

Tgt Ion:	128	Resp:	87356
Ion Ratio	Lower	Upper	
128	100		
130	30.1	14.5	54.5
64	47.7	29.2	69.2





#9

Benzaldehyde

Concen: 37.881 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.00 min

Lab File: BG043705.D

Acq: 19 Nov 2019 19:34

Instrument :

BNA_G

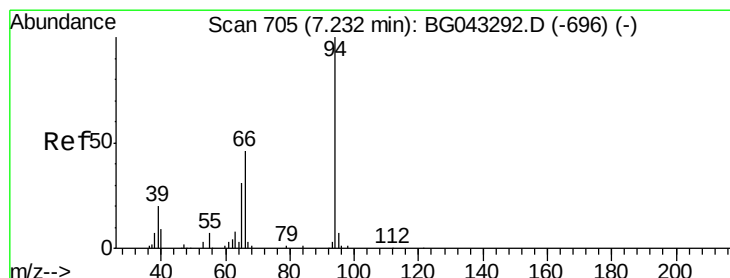
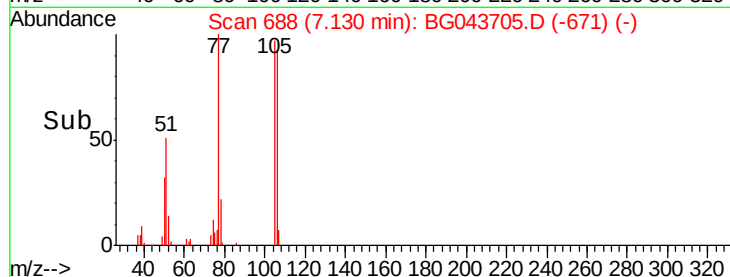
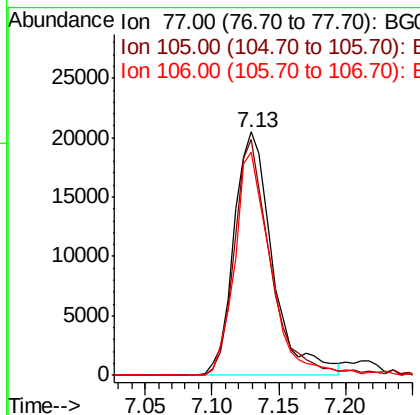
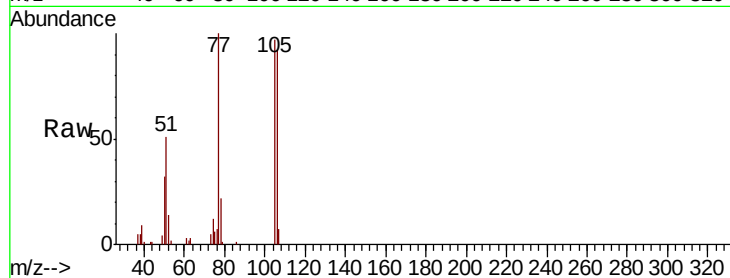
ClientSampleId :

2-(16-19)MSD

Tot Ion:	77	Resp:	40946
Ion	Ratio	Lower	Upper
77	100		
105	96.8	84.9	124.9
106	91.8	75.1	115.1

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#10

Phenol

Concen: 61.080 ng

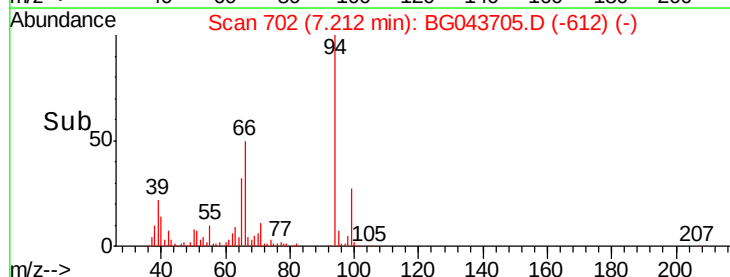
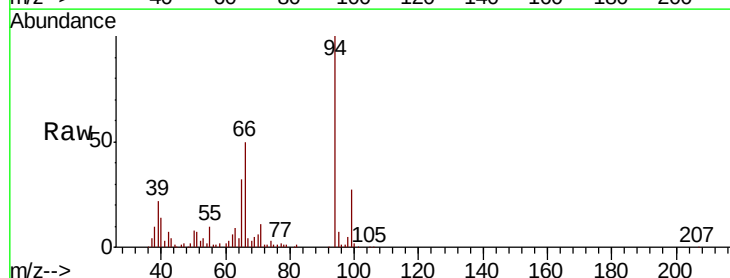
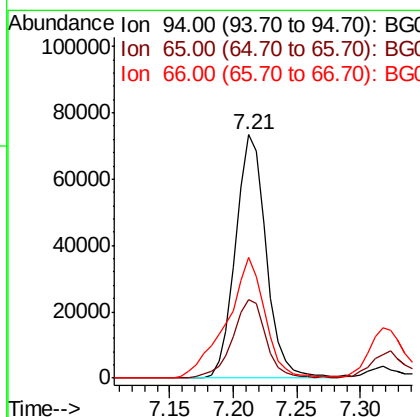
RT: 7.21 min Scan# 702

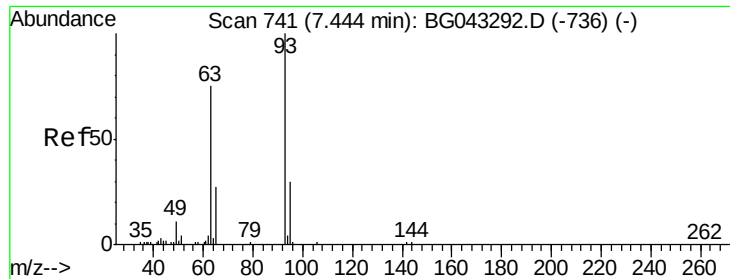
Delta R.T. -0.00 min

Lab File: BG043705.D

Acq: 19 Nov 2019 19:34

Tgt Ion:	94	Resp:	122762
Ion	Ratio	Lower	Upper
94	100		
65	32.2	11.4	51.4
66	49.6	28.4	68.4





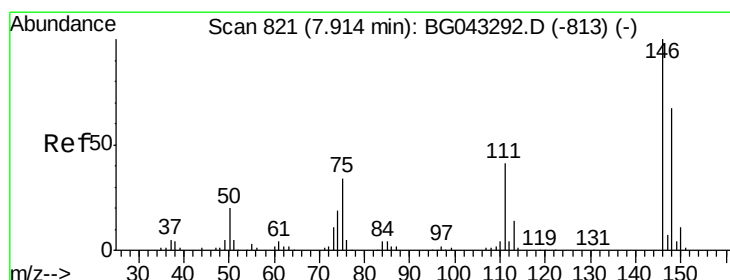
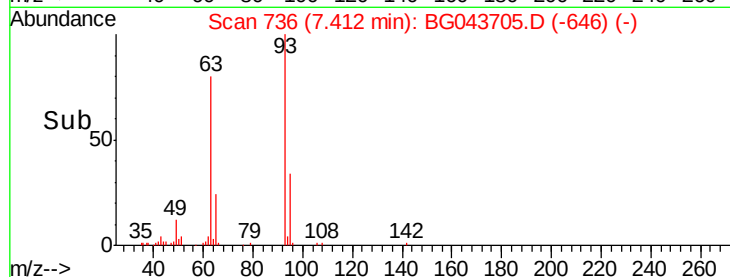
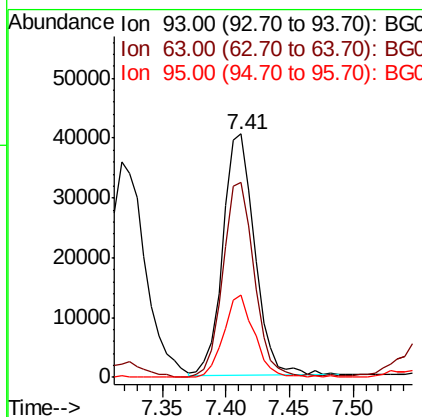
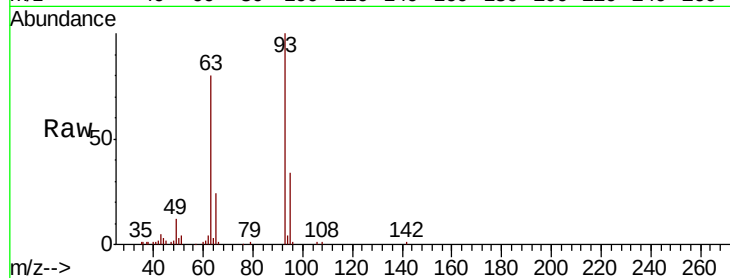
#11
bis(2-Chloroethyl)ether
Concen: 45.165 ng
RT: 7.41 min Scan# 736
Delta R.T. -0.00 min
Lab File: BG043705.D
Acq: 19 Nov 2019 19:34

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

Tot Ion	Ratio	Lower	Upper
93	100		
63	79.9	54.9	94.9
95	33.6	7.2	47.2

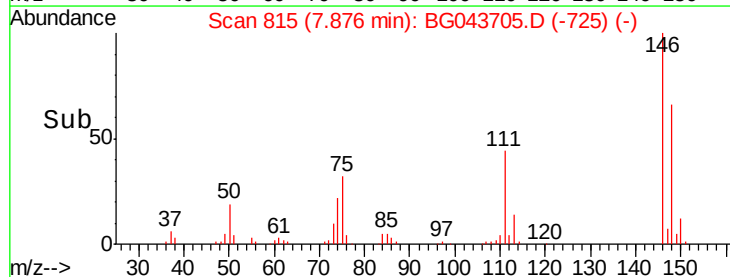
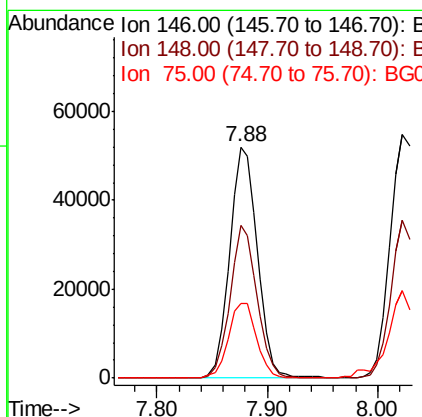
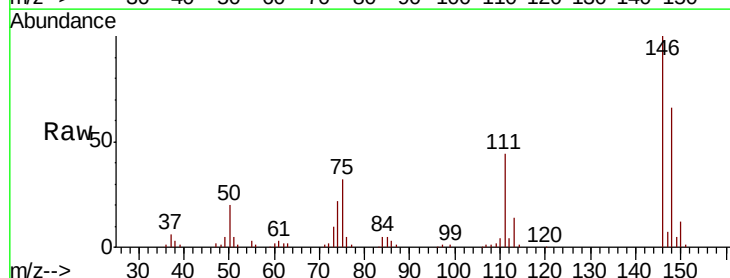
Manual Integrations
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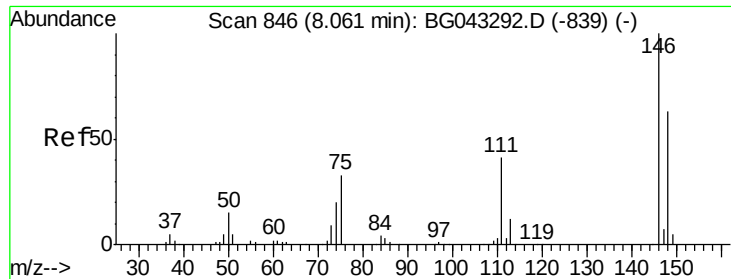
mohammad
11/21/2019 9:04:15 AM



#12
1,3-Dichlorobenzene
Concen: 43.214 ng
RT: 7.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BG043705.D
Acq: 19 Nov 2019 19:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.2	51.4	77.2
75	32.3	26.2	39.2





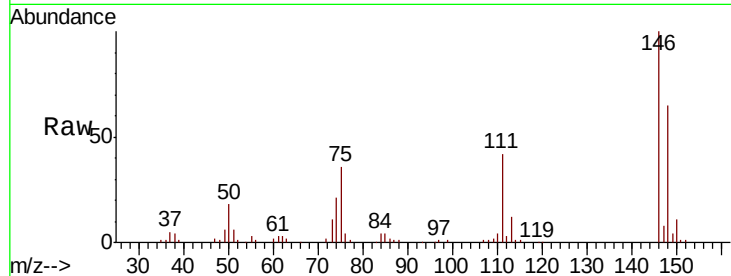
#13
 1,4-Dichlorobenzene
 Concen: 44.248 ng
 RT: 8.02 min Scan# 840
 Delta R.T. -0.00 min
 Lab File: BG043705.D
 Acq: 19 Nov 2019 19:34

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

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.0	76.6
111	41.6	34.3	51.5

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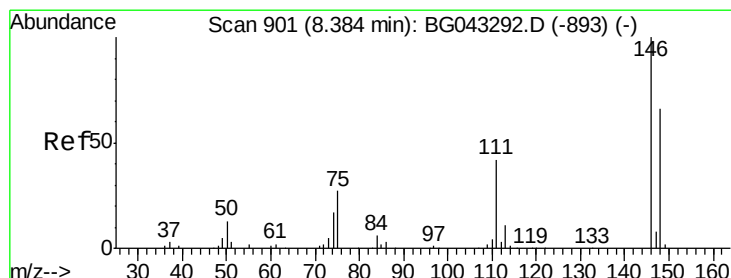
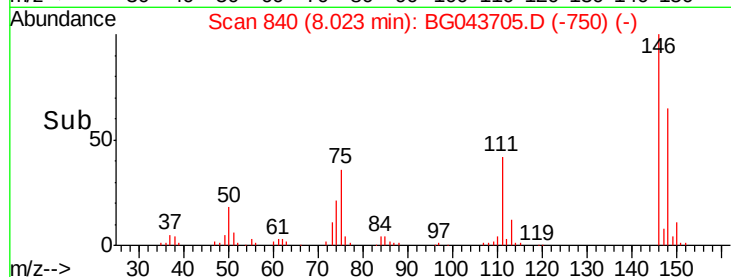
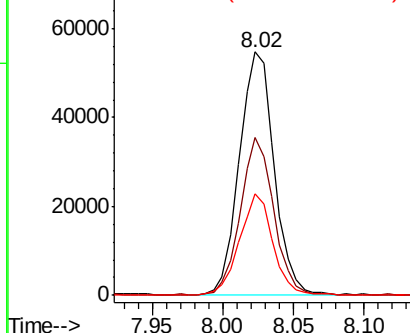


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 44.014 ng
 RT: 8.35 min Scan# 895
 Delta R.T. -0.00 min
 Lab File: BG043705.D
 Acq: 19 Nov 2019 19:34

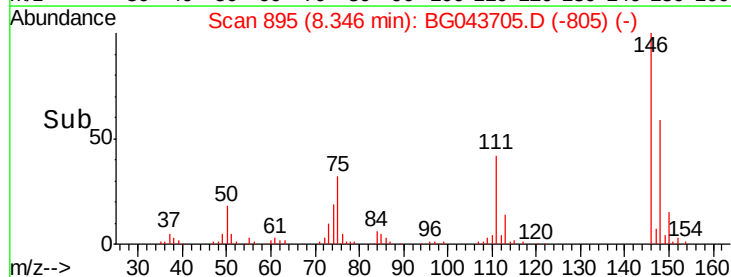
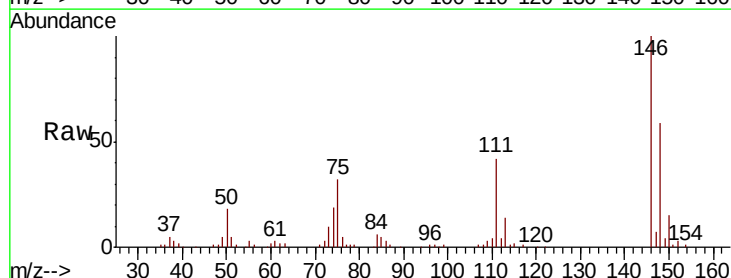
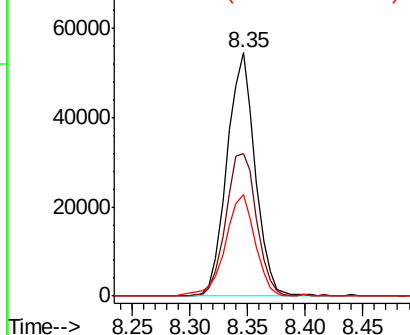
Tgt Ion	Ratio	Lower	Upper
146	100		
148	58.8	53.4	80.2
111	41.7	35.3	52.9

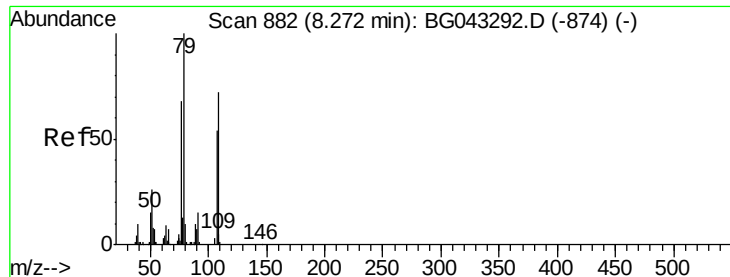
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 46.953 ng

RT: 8.24 min Scan# 877

Delta R.T. 0.00 min

Lab File: BG043705.D

Acq: 19 Nov 2019 19:34

Instrument :

BNA_G

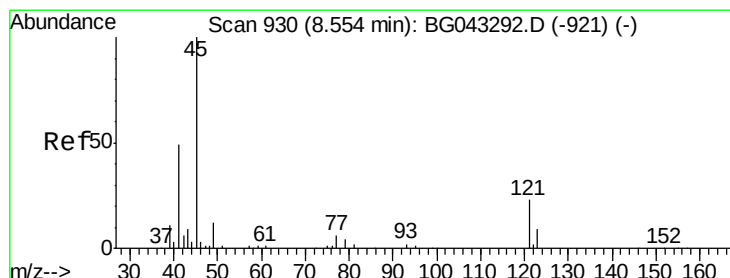
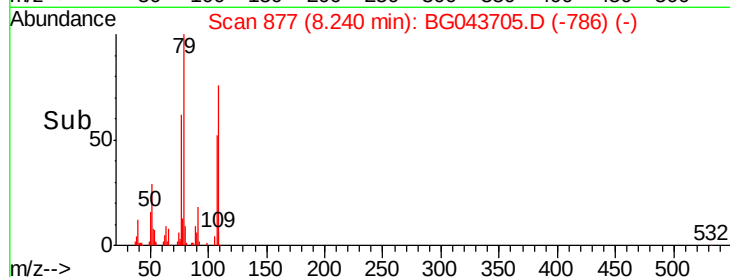
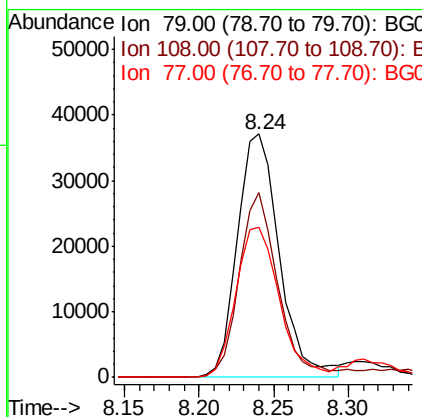
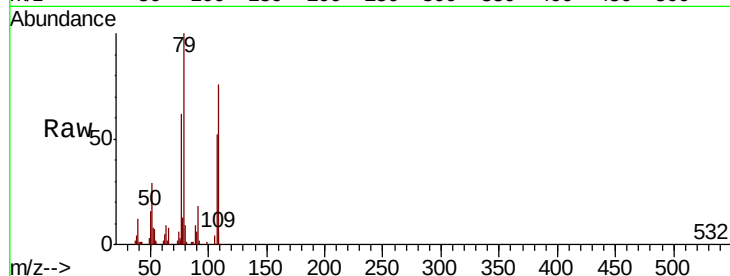
ClientSampleId :

2-(16-19)MSD

Tot Ion:	79	Resp:	72528
Ion Ratio	Lower	Upper	
79	100		
108	75.6	56.0	84.0
77	61.7	47.9	71.9

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.192 ng

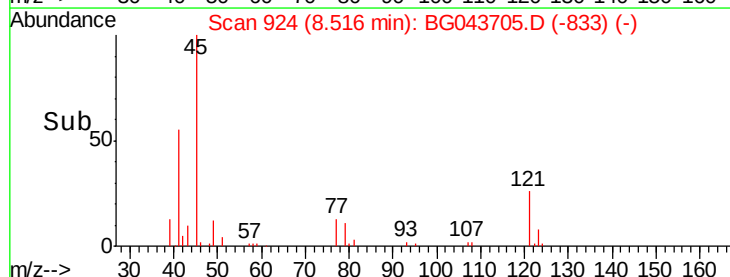
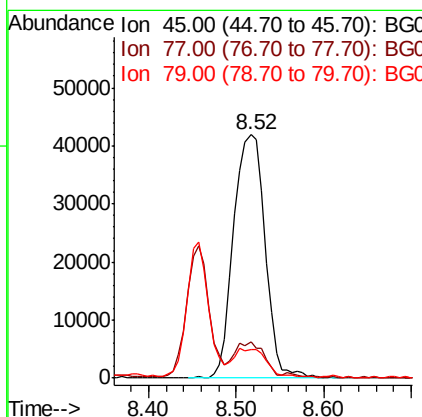
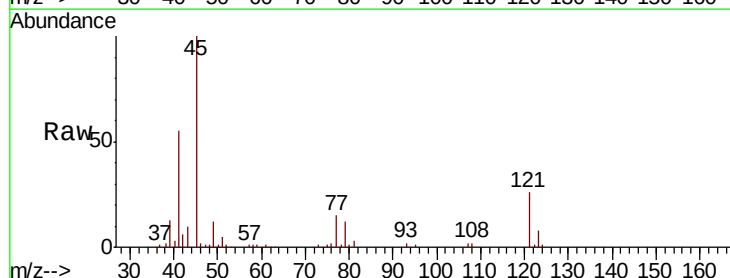
RT: 8.52 min Scan# 924

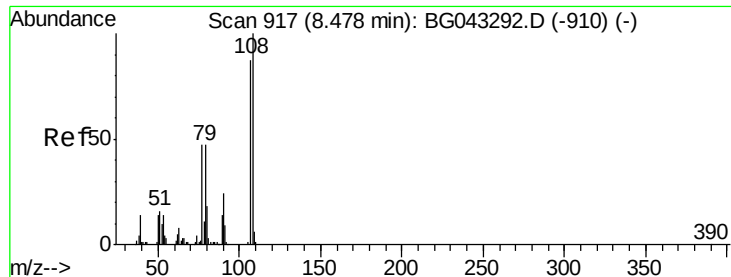
Delta R.T. 0.00 min

Lab File: BG043705.D

Acq: 19 Nov 2019 19:34

Tgt Ion:	45	Resp:	102112
Ion Ratio	Lower	Upper	
45	100		
77	14.7	0.0	35.2
79	11.7	0.0	32.4





#17

2-Methylphenol

Concen: 51.059 ng

RT: 8.46 min Scan# 914

Delta R.T. 0.00 min

Lab File: BG043705.D

Acq: 19 Nov 2019 19:34

Instrument :

BNA_G

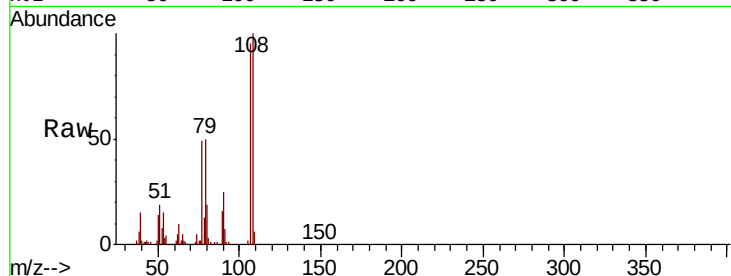
ClientSampleId :

2-(16-19)MSD

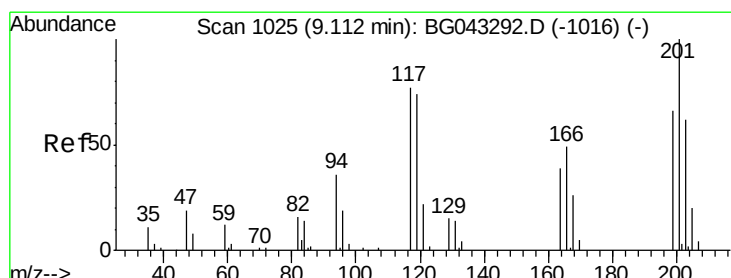
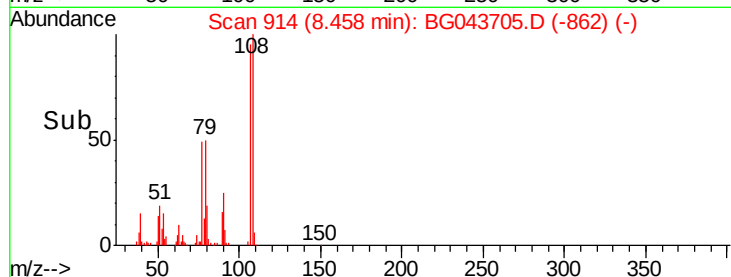
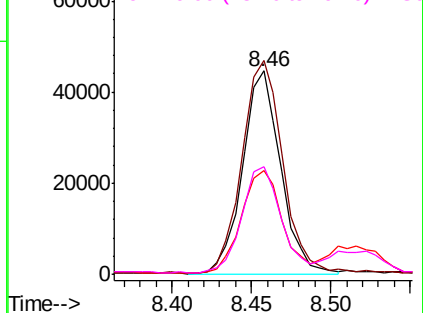
Tot Ion:	107	Resp:	74811
Ion Ratio	Lower	Upper	
107	100		
108	105.0	84.7	127.1
77	51.2	46.2	69.4
79	52.6	41.0	61.6

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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): BGO
Ion 79.00 (78.70 to 79.70): BGO



#18

Hexachloroethane

Concen: 43.224 ng

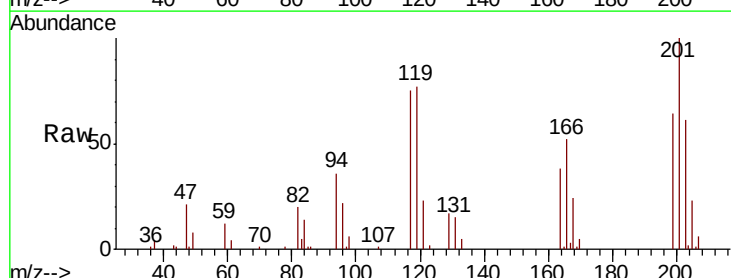
RT: 9.07 min Scan# 1018

Delta R.T. -0.00 min

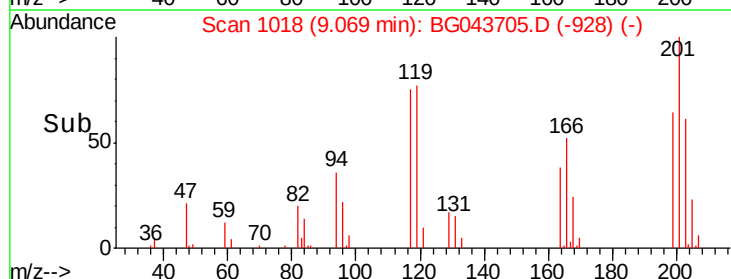
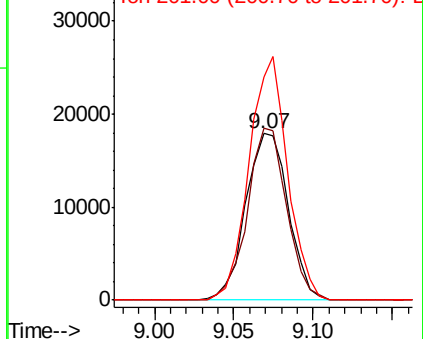
Lab File: BG043705.D

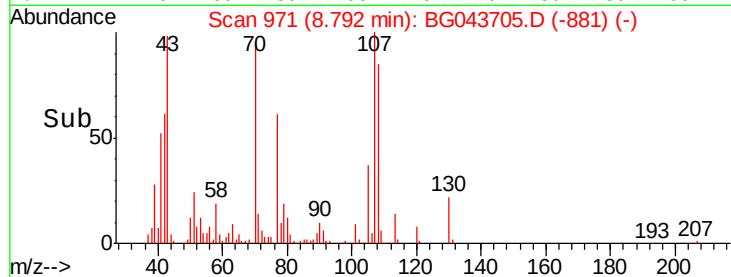
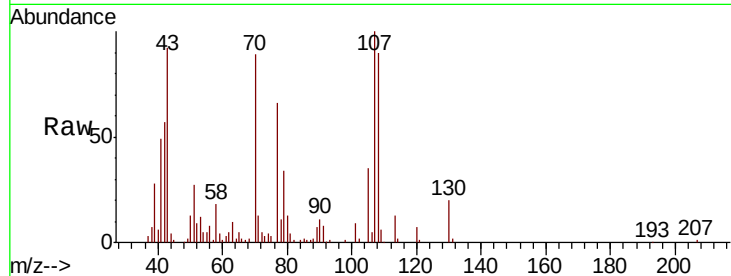
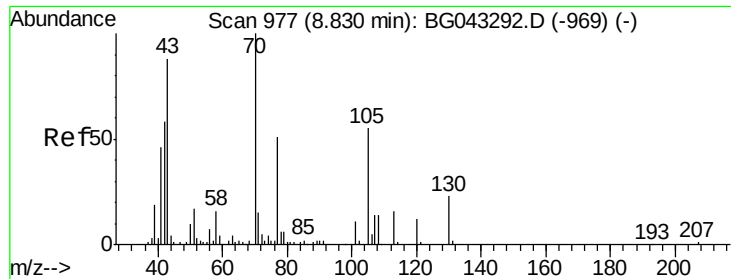
Acq: 19 Nov 2019 19:34

Tgt Ion:	117	Resp:	33360
Ion Ratio	Lower	Upper	
117	100		
119	102.8	81.7	122.5
201	134.1	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





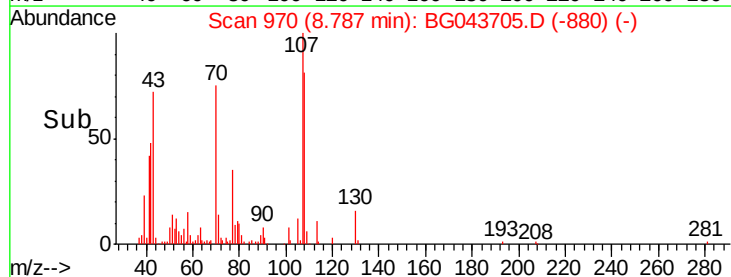
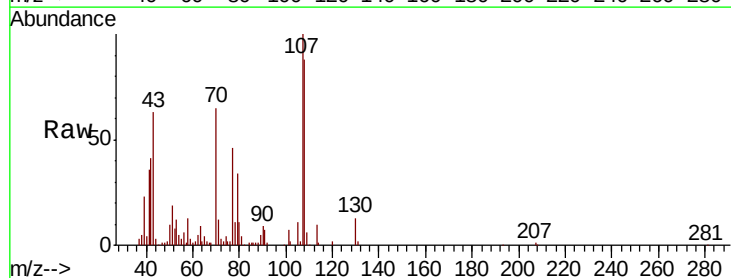
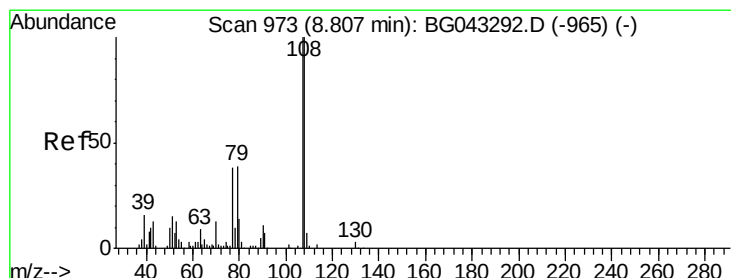
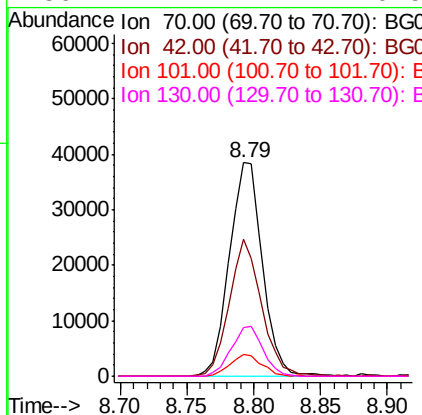
#19
n-Nitroso-di-n-propylamine
Concen: 46.740 ng
RT: 8.79 min Scan# 971
Delta R.T. -0.00 min
Lab File: BG043705.D
Acq: 19 Nov 2019 19:34

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

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	64.4	49.7	74.5	
101	10.0	9.7	14.5	
130	22.7	17.7	26.5	

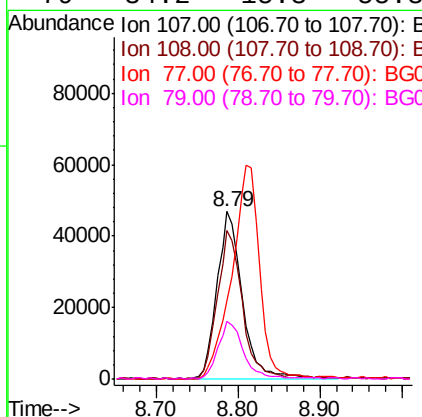
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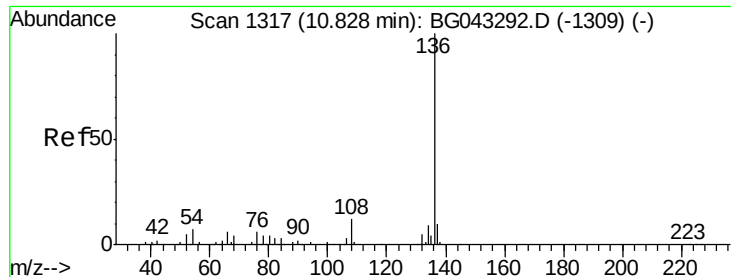
mohammad
11/21/2019 9:04:15 AM



#20
3+4-Methylphenols
Concen: 50.622 ng
RT: 8.79 min Scan# 970
Delta R.T. -0.00 min
Lab File: BG043705.D
Acq: 19 Nov 2019 19:34

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.4	69.5	109.5	
77	46.4	32.8	72.8	
79	34.2	15.3	55.3	





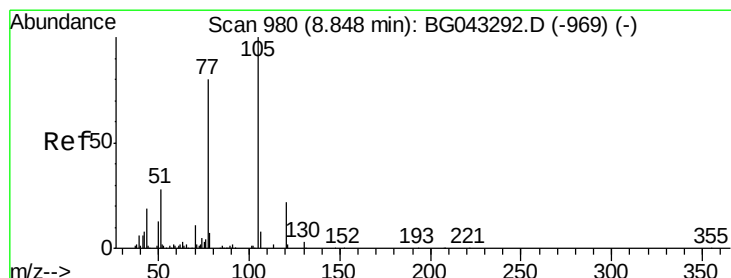
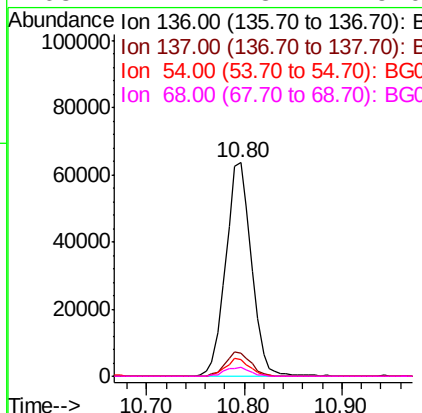
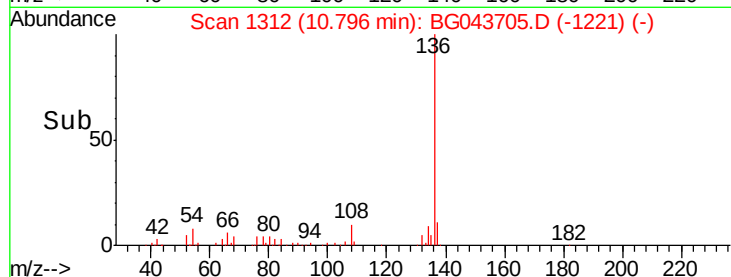
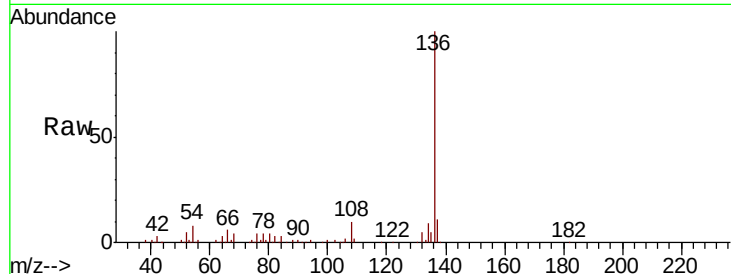
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BG043705.D
Acq: 19 Nov 2019 19:34

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	10.6		8.8	13.2	
54	7.6		6.2	9.2	
68	4.4		3.4	5.0	

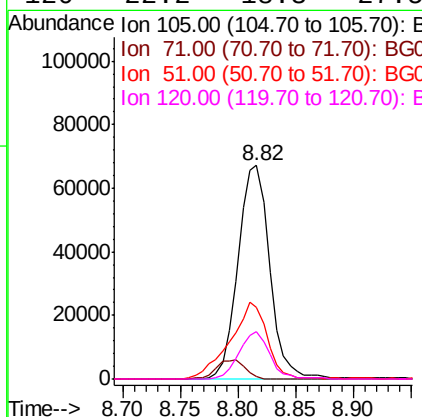
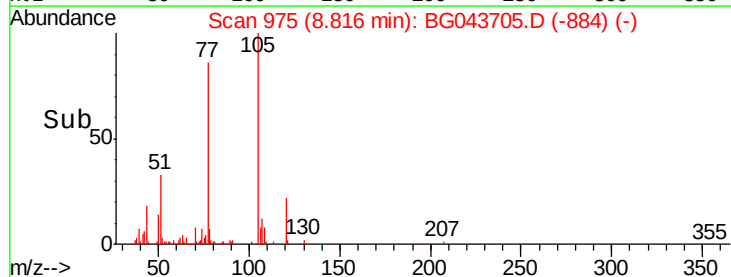
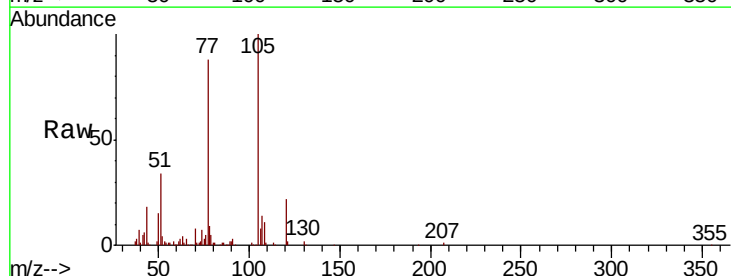
Manual Integrations
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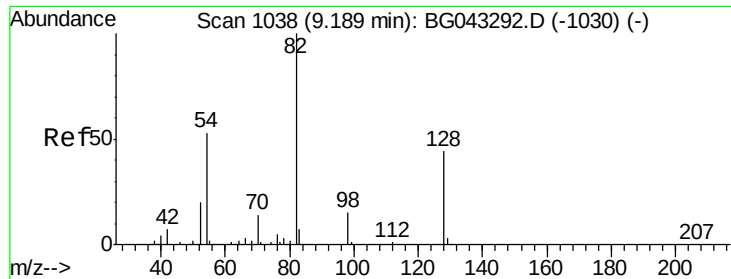
mohammad
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#22
Acetophenone
Concen: 43.037 ng
RT: 8.82 min Scan# 975
Delta R.T. 0.00 min
Lab File: BG043705.D
Acq: 19 Nov 2019 19:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
71	1.2		1.5	2.3#	
51	33.8		25.0	37.6	
120	22.2		18.3	27.5	





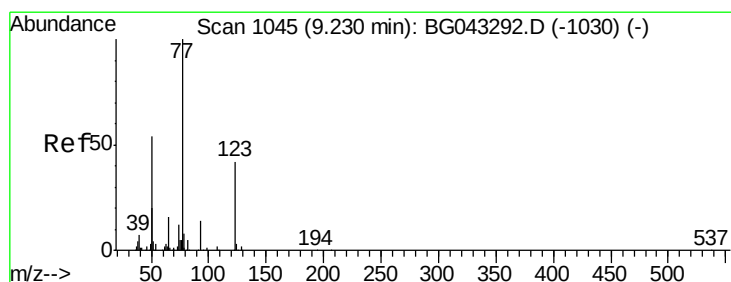
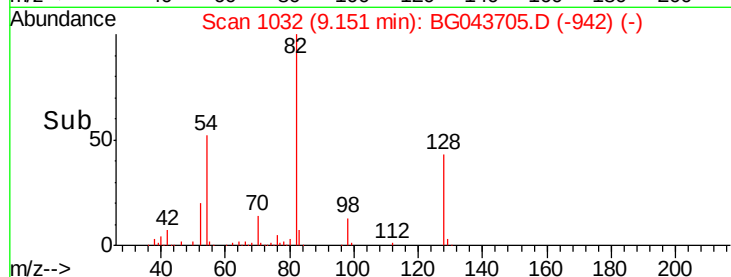
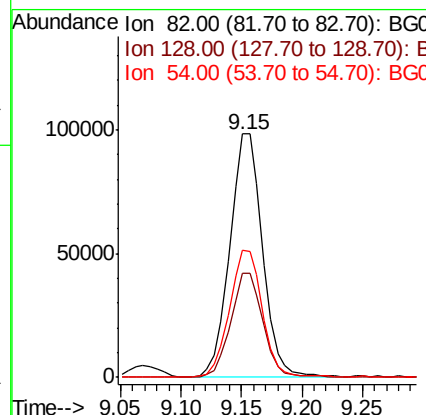
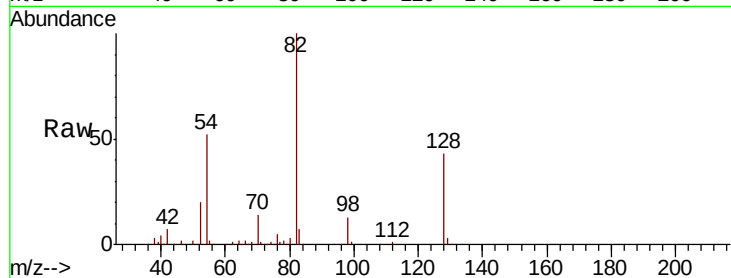
#23
Nitrobenzene-d5
Concen: 82.215 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BG043705.D
Acq: 19 Nov 2019 19:34

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.5	34.2	51.4
54	52.3	44.7	67.1

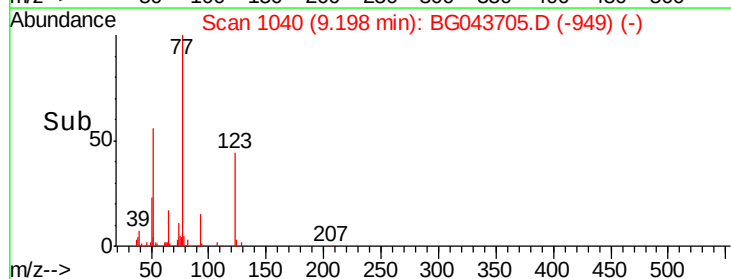
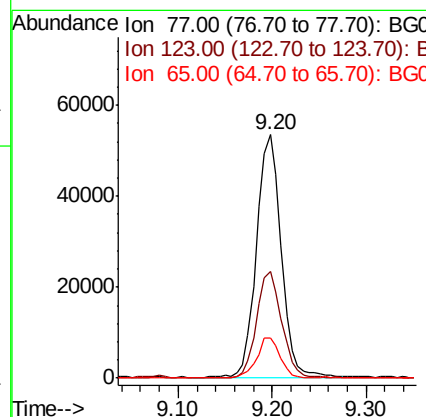
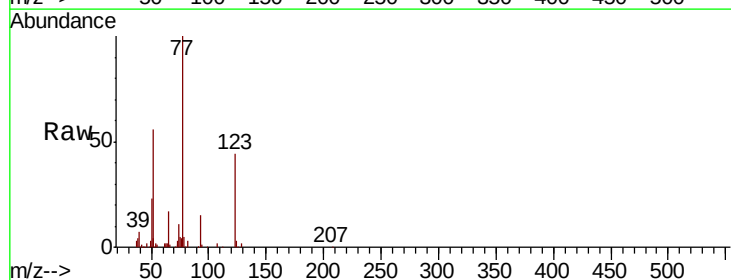
Manual Integrations
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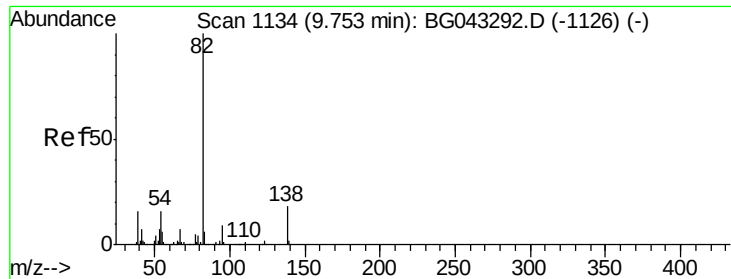
mohammad
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#24
Nitrobenzene
Concen: 45.975 ng
RT: 9.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BG043705.D
Acq: 19 Nov 2019 19:34

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.8	33.6	50.4
65	16.6	12.9	19.3





#25

Isophorone

Concen: 45.842 ng

RT: 9.71 min Scan# 1128

Delta R.T. -0.00 min

Lab File: BG043705.D

Acq: 19 Nov 2019 19:34

Instrument :

BNA_G

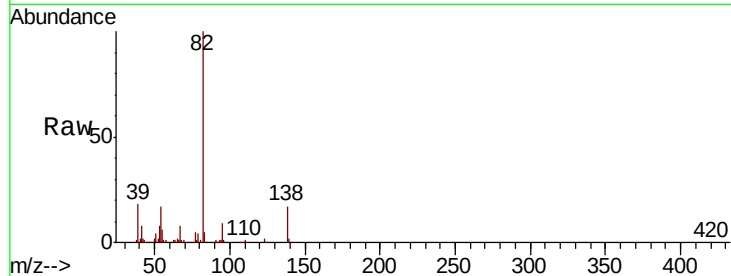
ClientSampleId :

2-(16-19)MSD

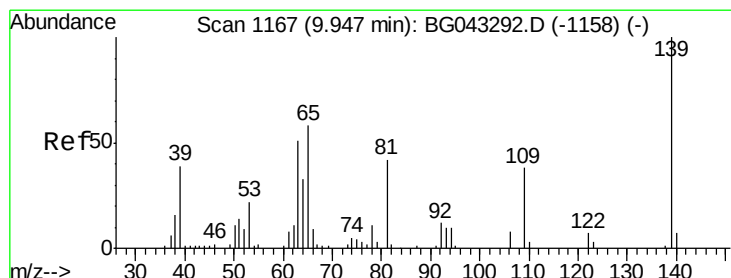
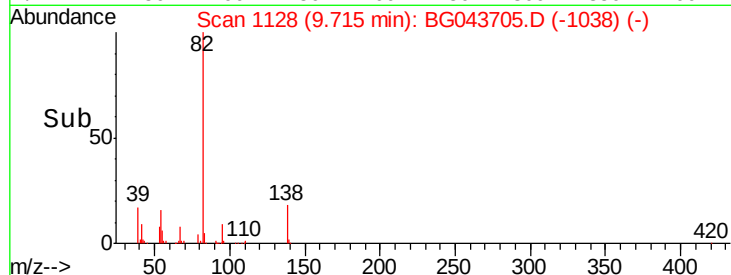
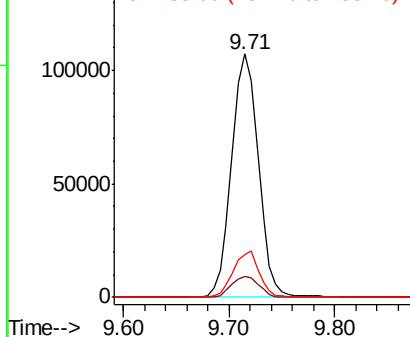
Tot Ion:	82	Resp:	189054
Ion Ratio		Lower	Upper
82	100		
95	8.7	7.4	11.0
138	17.5	15.1	22.7

Manual Integrations
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Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 48.586 ng

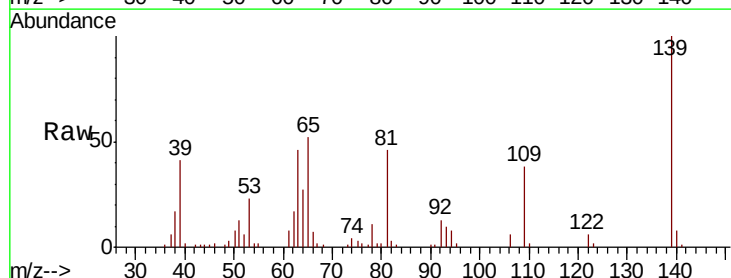
RT: 9.91 min Scan# 1161

Delta R.T. -0.00 min

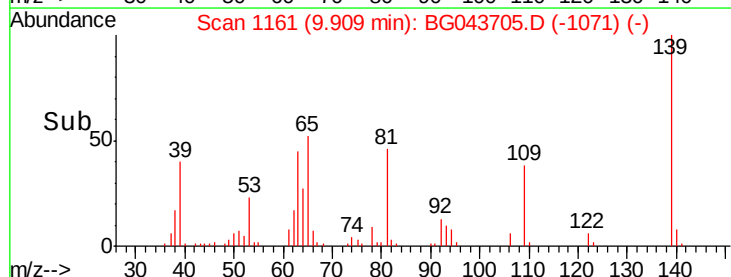
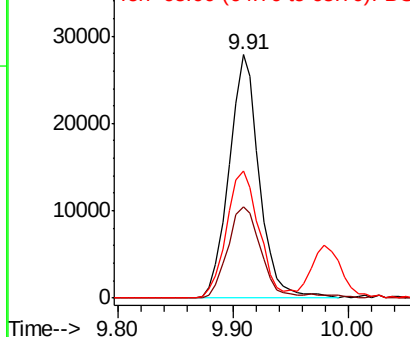
Lab File: BG043705.D

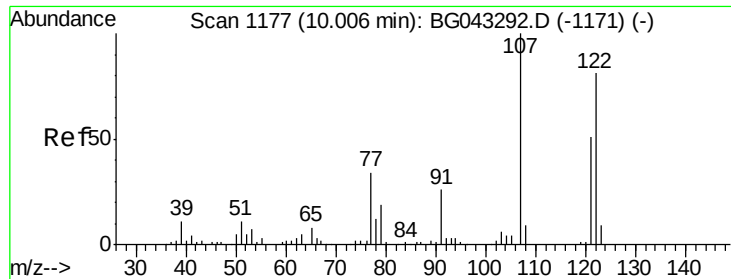
Acq: 19 Nov 2019 19:34

Tgt Ion:	139	Resp:	50404
Ion Ratio		Lower	Upper
139	100		
109	37.5	32.6	48.8
65	52.2	47.6	71.4



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





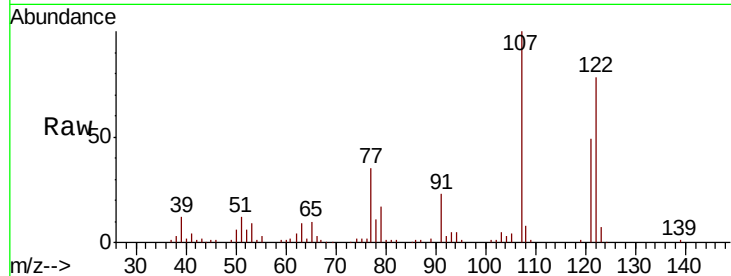
#27
2,4-Dimethylphenol
Concen: 57.007 ng
RT: 9.98 min Scan# 1173
Delta R.T. -0.00 min
Lab File: BG043705.D
Acq: 19 Nov 2019 19:34

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		84764		
107	127.6	100.7	151.1		
121	62.5	47.0	70.4		

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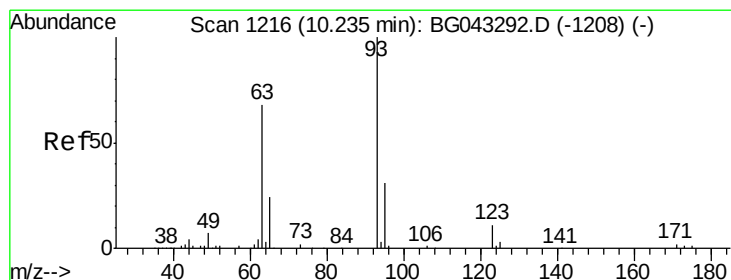
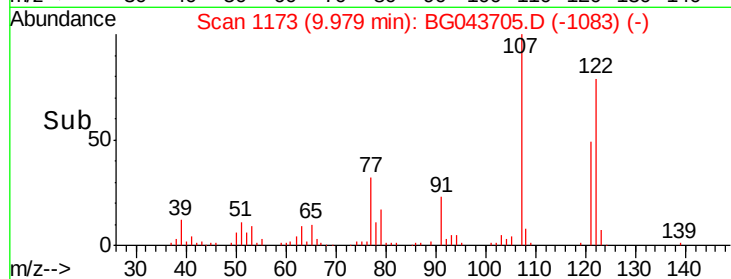
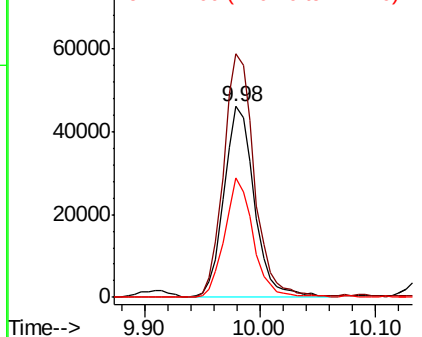


Abundance

Ion 122.00 (121.70 to 122.70): E

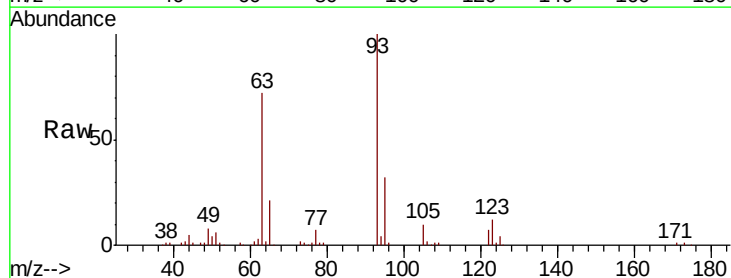
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 43.949 ng
RT: 10.20 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BG043705.D
Acq: 19 Nov 2019 19:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		100034		
95	32.1	27.5	41.3		
123	12.0	10.7	16.1		

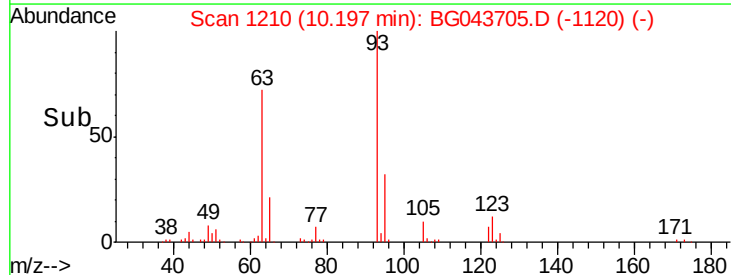
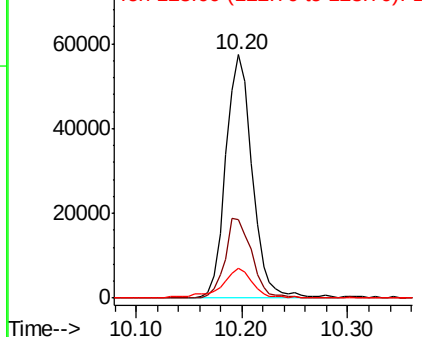


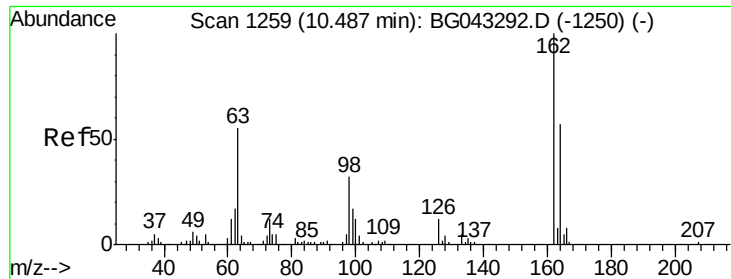
Abundance

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





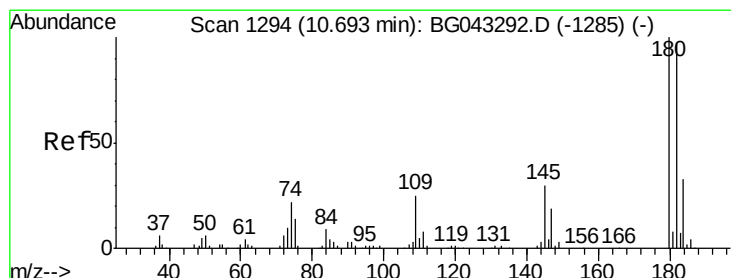
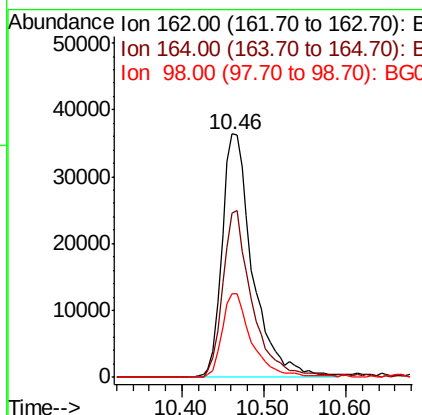
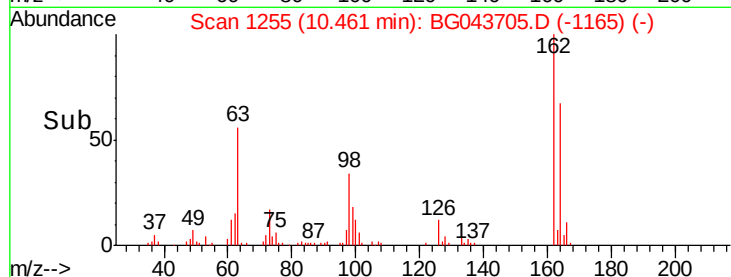
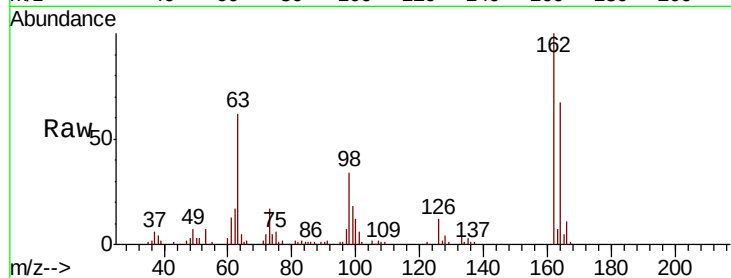
#29
2,4-Dichlorophenol
Concen: 49.727 ng
RT: 10.46 min Scan# 1255
Delta R.T. -0.00 min
Lab File: BG043705.D
Acq: 19 Nov 2019 19:34

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

Tot Ion	Ratio	Lower	Upper
162	100		
164	67.2	45.4	85.4
98	34.4	10.1	50.1

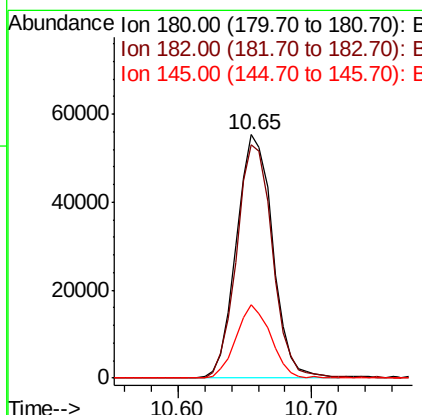
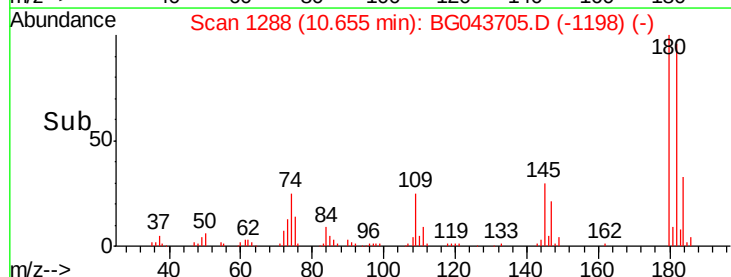
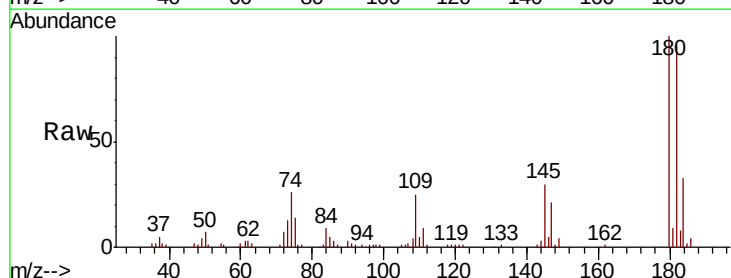
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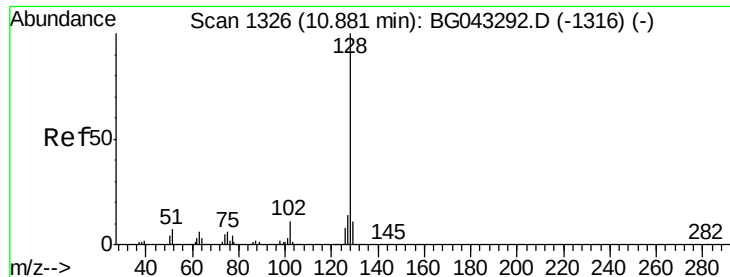
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 43.226 ng
RT: 10.65 min Scan# 1288
Delta R.T. -0.00 min
Lab File: BG043705.D
Acq: 19 Nov 2019 19:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	74.5	111.7
145	29.9	21.4	32.0





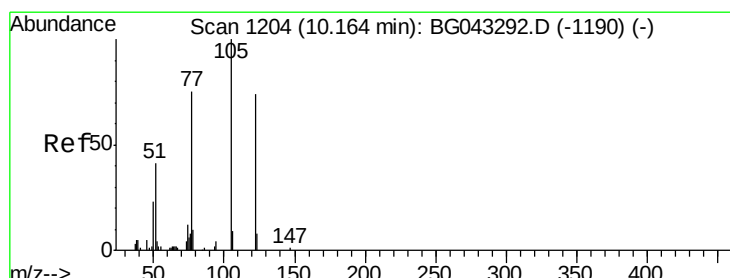
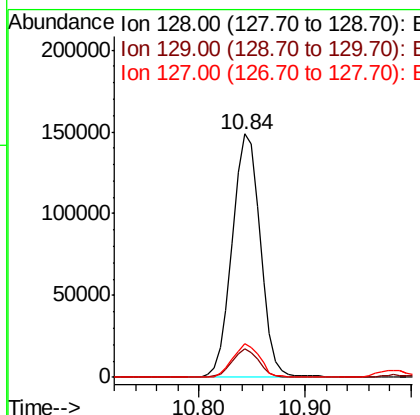
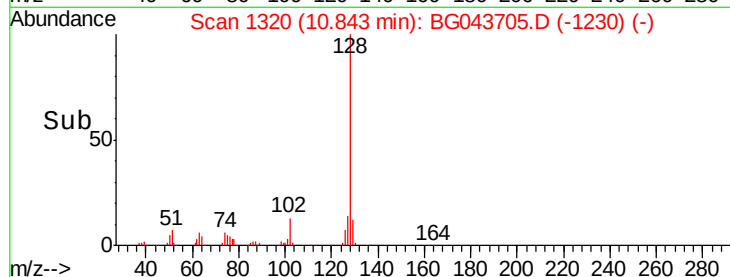
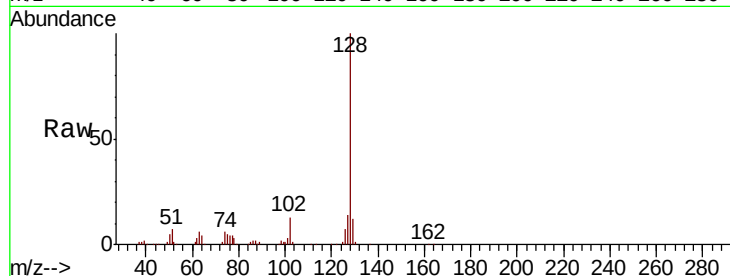
#31
Naphthalene
Concen: 46.377 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG043705.D
Acq: 19 Nov 2019 19:34

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

Tot Ion	Ratio	Resp	Lower	Upper
128	100	273760		
129	11.7		9.5	14.3
127	13.7		11.0	16.4

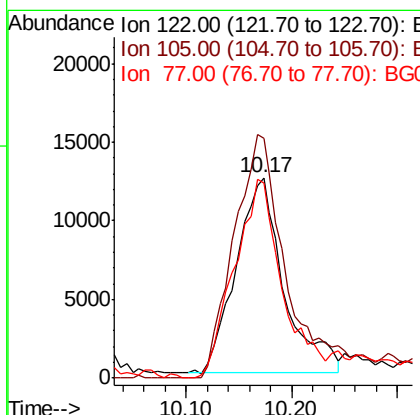
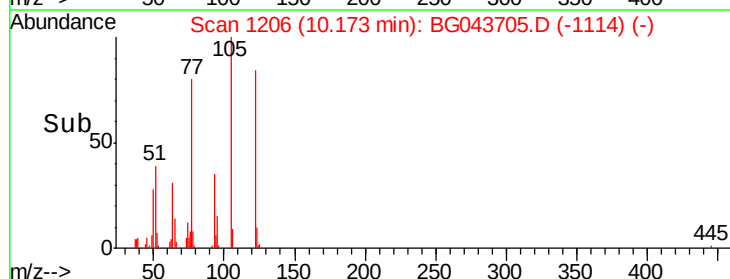
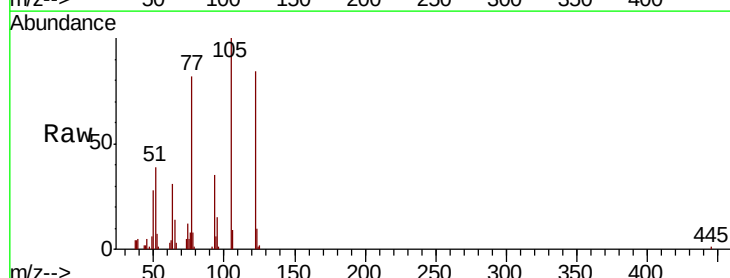
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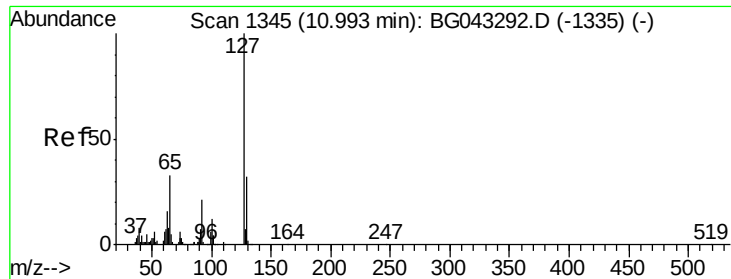
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#32
Benzoic acid
Concen: 36.934 ng
RT: 10.17 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BG043705.D
Acq: 19 Nov 2019 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	39013		
105	119.5		101.8	141.8
77	97.5		86.8	126.8





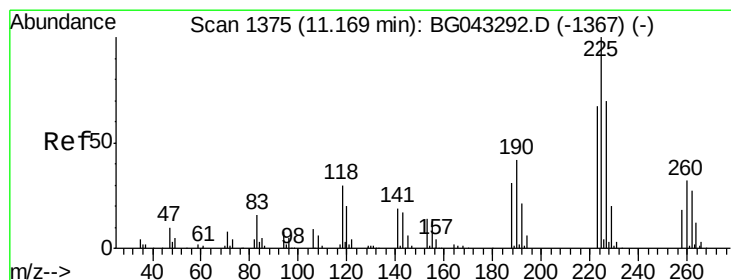
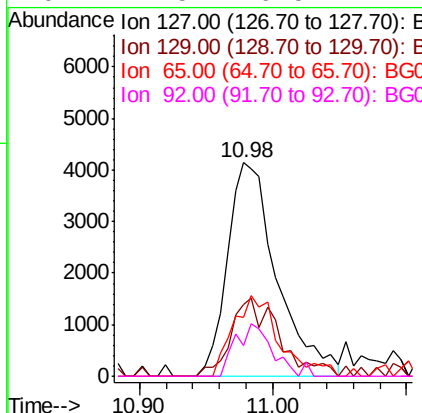
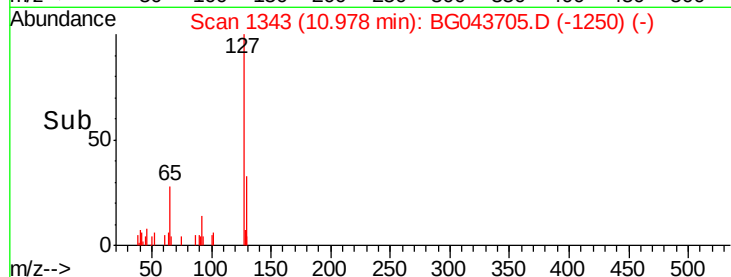
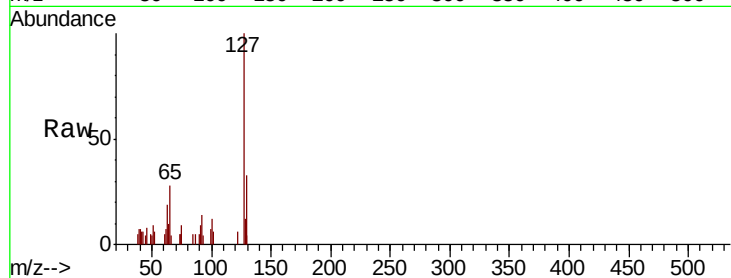
#33
4-Chloroaniline
Concen: 4.403 ng
RT: 10.98 min Scan# 1343
Delta R.T. 0.02 min
Lab File: BG043705.D
Acq: 19 Nov 2019 19:34

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

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.3	28.0	42.0
65	27.6	28.3	42.5#
92	14.5	16.5	24.7#

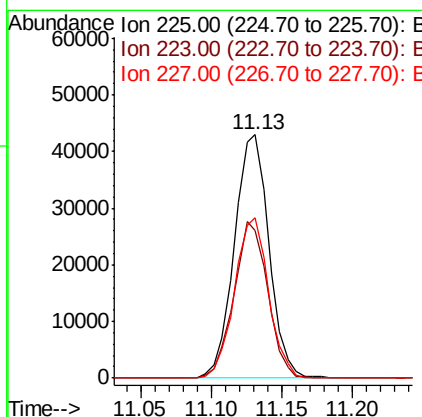
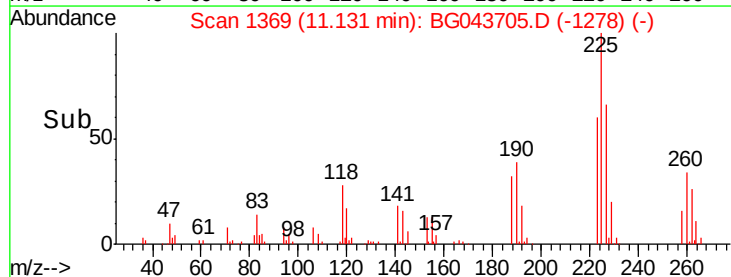
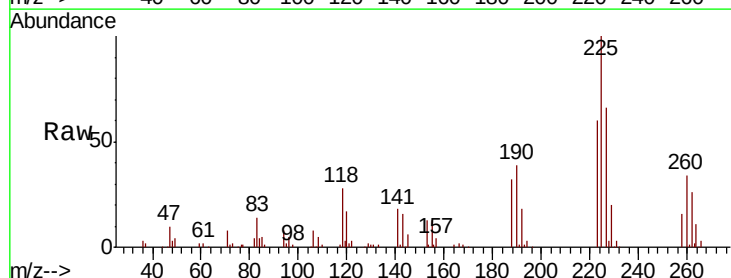
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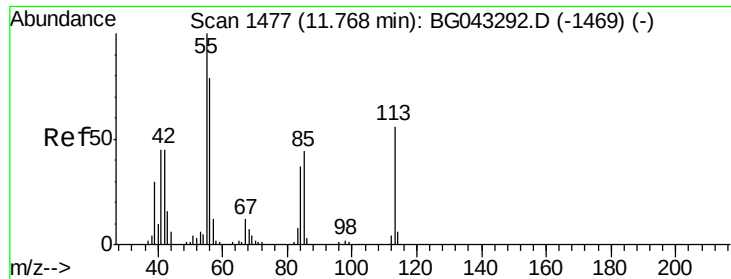
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#34
Hexachlorobutadiene
Concen: 41.359 ng
RT: 11.13 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BG043705.D
Acq: 19 Nov 2019 19:34

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.4	48.6	73.0
227	66.1	49.1	73.7





#35

Caprolactam

Concen: 47.905 ng/mL

RT: 11.74 min Scan# 1472

Delta R.T. -0.00 min

Lab File: BG043705.D

Acq: 19 Nov 2019 19:34

Instrument :

BNA_G

ClientSampleId :

2-(16-19)MSD

Tot Ion:113 Resp: 31432

Ion Ratio Lower Upper

113 100

55 152.9 154.4 194.4#

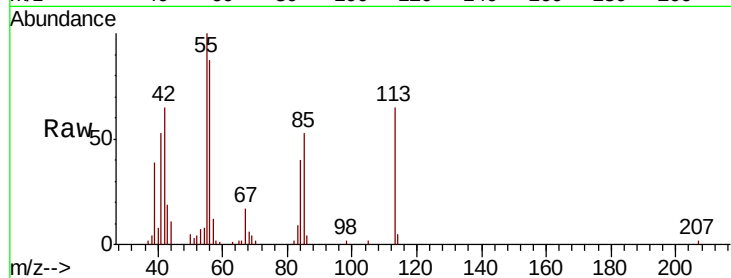
56 133.1 112.9 152.9

Manual Integrations

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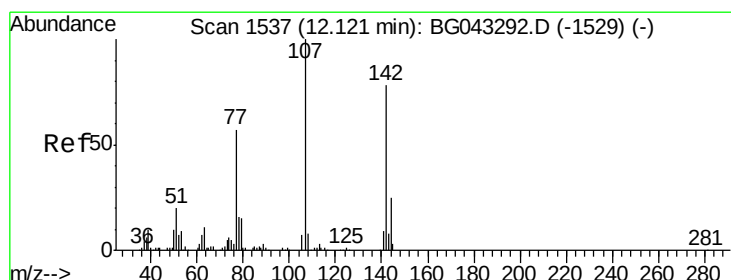
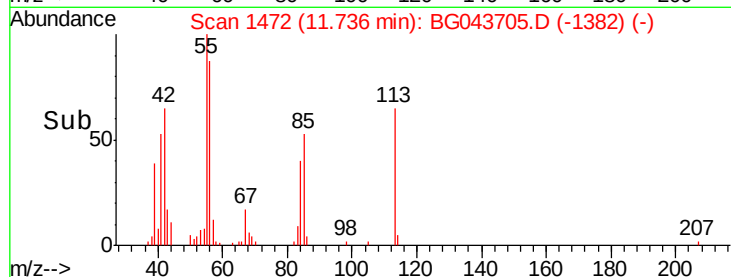
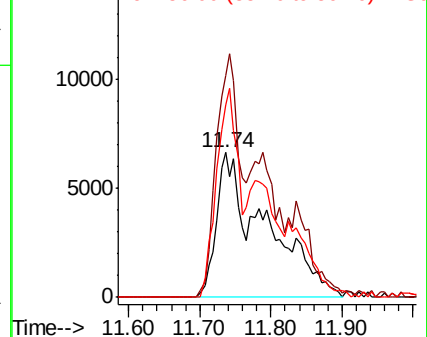
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 49.269 ng/mL

RT: 12.11 min Scan# 1535

Delta R.T. 0.00 min

Lab File: BG043705.D

Acq: 19 Nov 2019 19:34

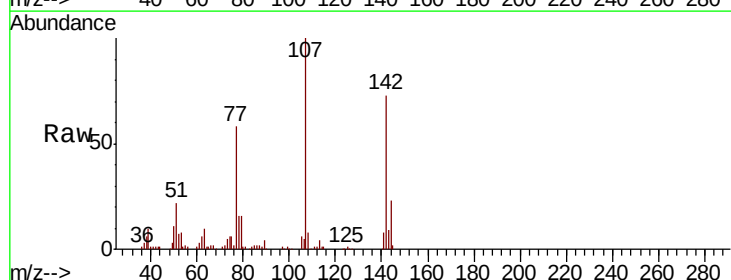
Tgt Ion:107 Resp: 102386

Ion Ratio Lower Upper

107 100

144 23.5 21.7 32.5

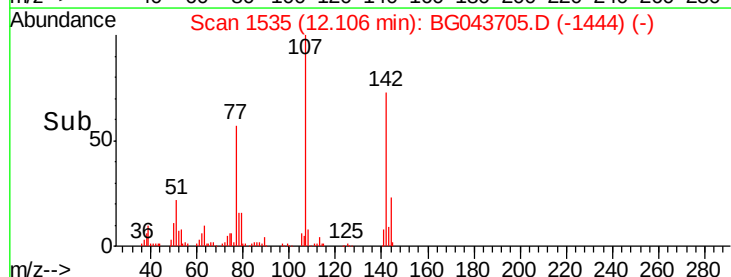
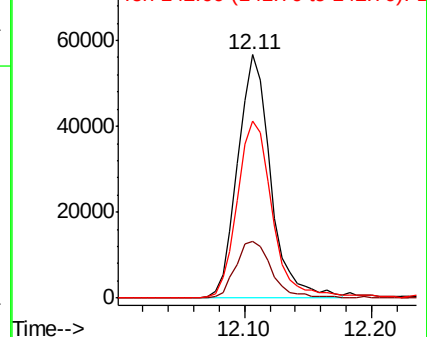
142 72.8 67.2 100.8

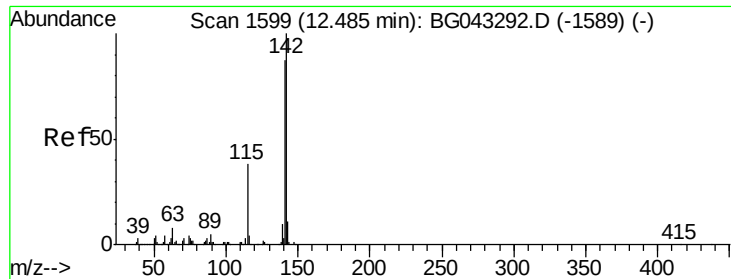


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





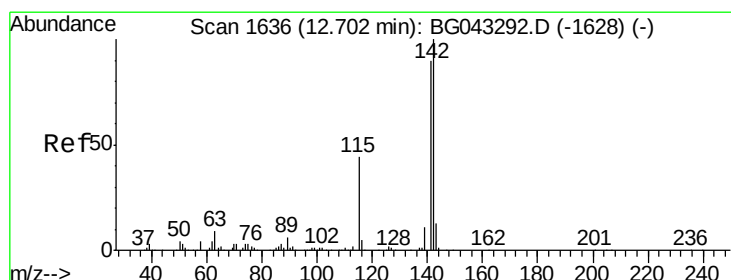
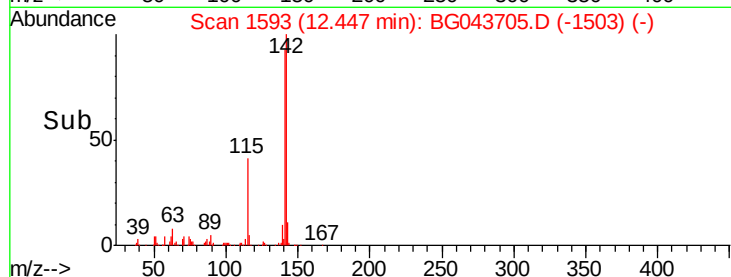
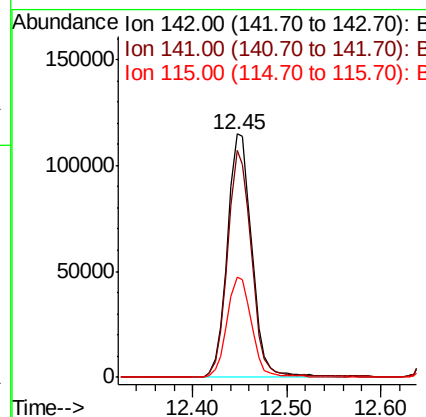
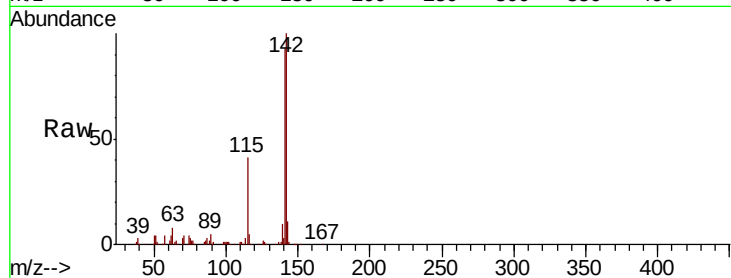
#37
2-Methylnaphthalene
Concen: 46.180 ng
RT: 12.45 min Scan# 1593
Delta R.T. -0.00 min
Lab File: BG043705.D
Acq: 19 Nov 2019 19:34

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.0	71.2	106.8
115	41.2	31.9	47.9

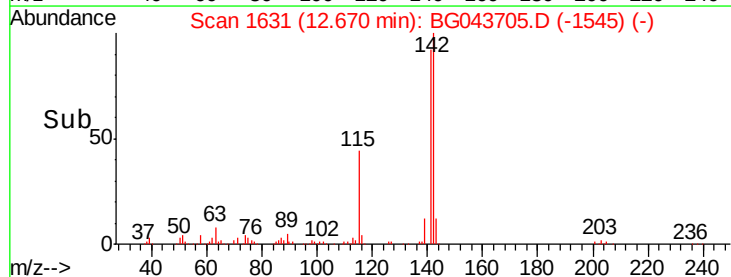
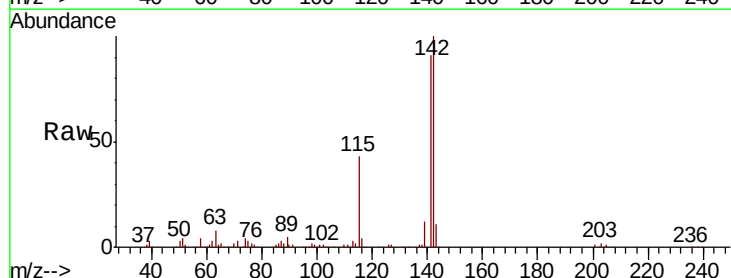
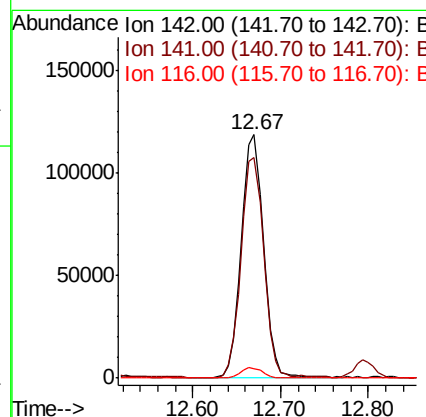
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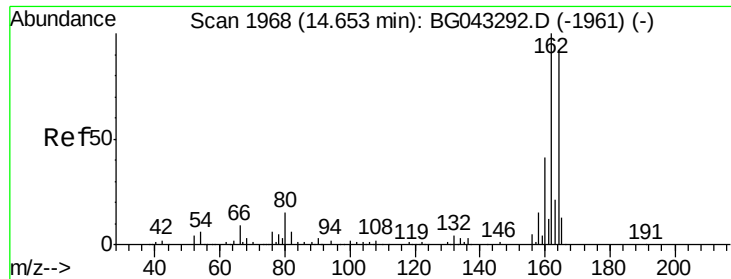
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#38
1-Methylnaphthalene
Concen: 46.958 ng
RT: 12.67 min Scan# 1631
Delta R.T. 0.00 min
Lab File: BG043705.D
Acq: 19 Nov 2019 19:34

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.7	74.5	111.7
116	4.0	3.8	5.6





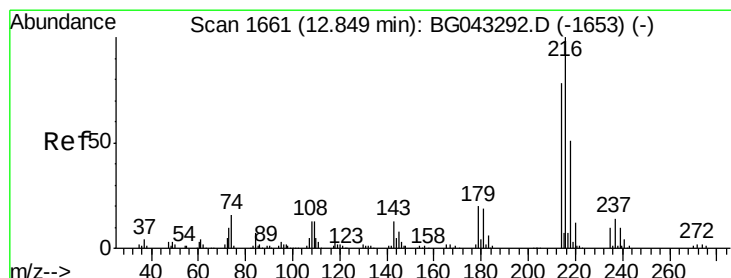
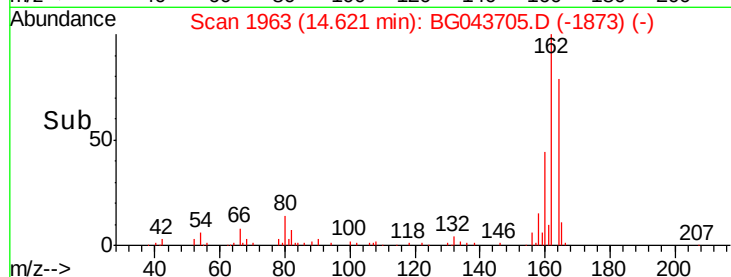
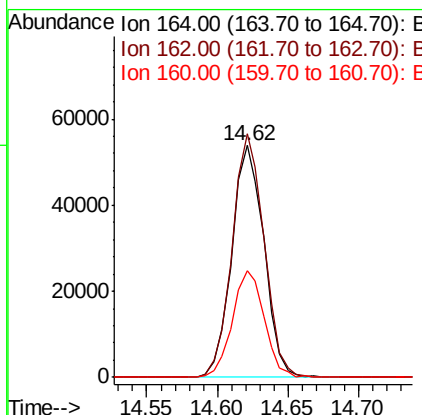
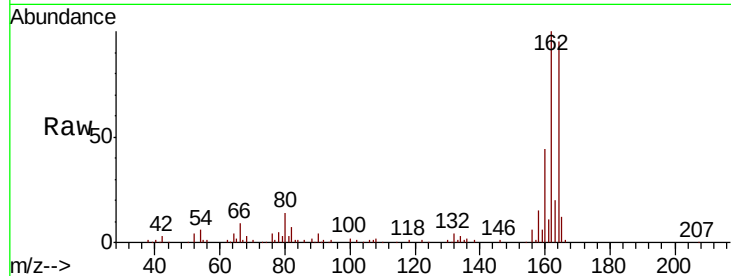
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.00 min
Lab File: BG043705.D
Acq: 19 Nov 2019 19:34

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

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.1	79.4	119.2
160	46.3	36.3	54.5

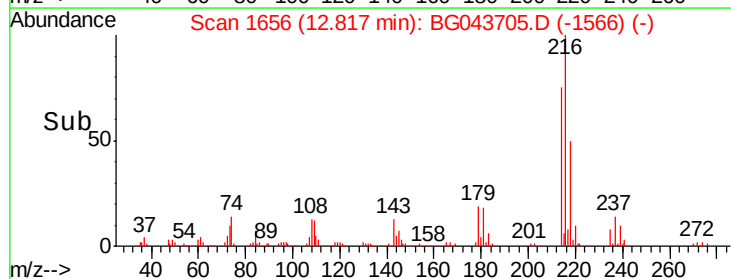
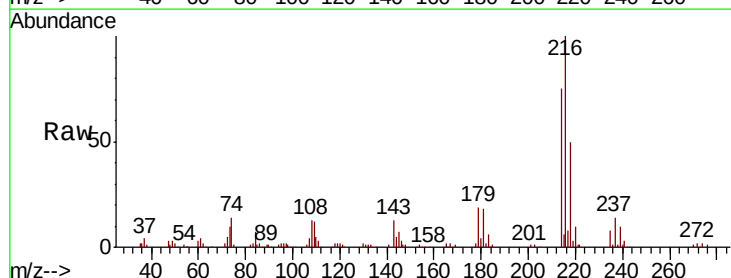
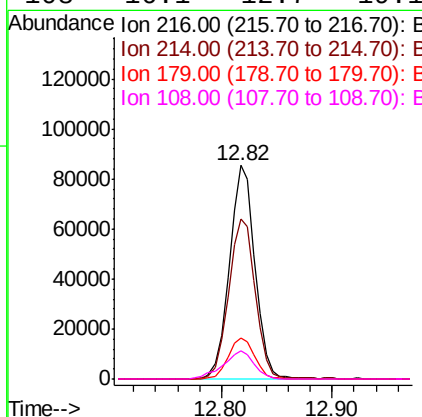
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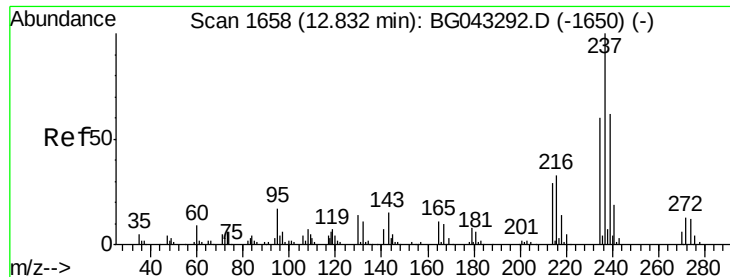
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.912 ng
RT: 12.82 min Scan# 1656
Delta R.T. -0.00 min
Lab File: BG043705.D
Acq: 19 Nov 2019 19:34

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.4	62.8	94.2
179	19.4	16.5	24.7
108	16.1	12.7	19.1





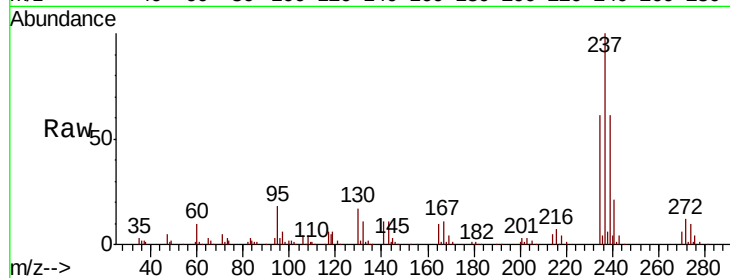
#41
Hexachlorocyclopentadiene
Concen: 82.150 ng
RT: 12.79 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BG043705.D
Acq: 19 Nov 2019 19:34

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

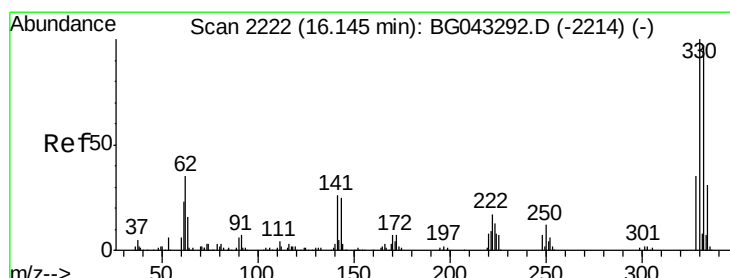
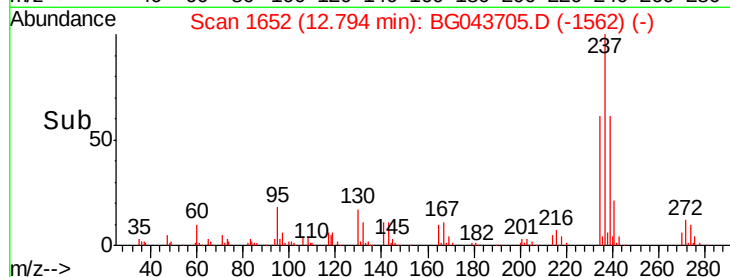
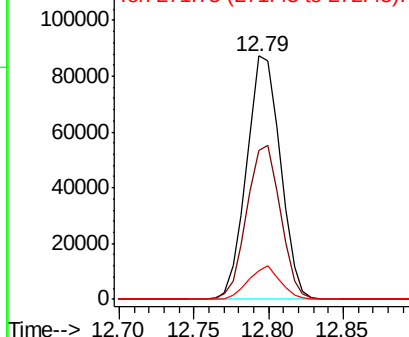
Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	61.3	42.2	82.2	
272	11.8	0.0	32.6	

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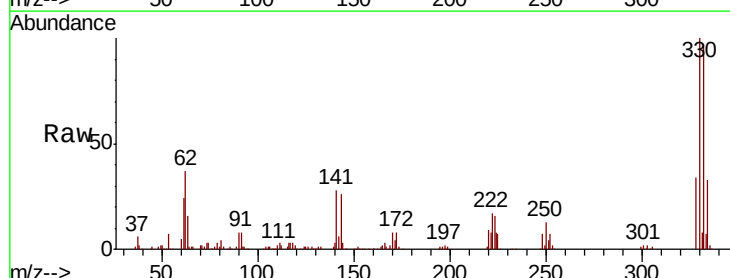


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

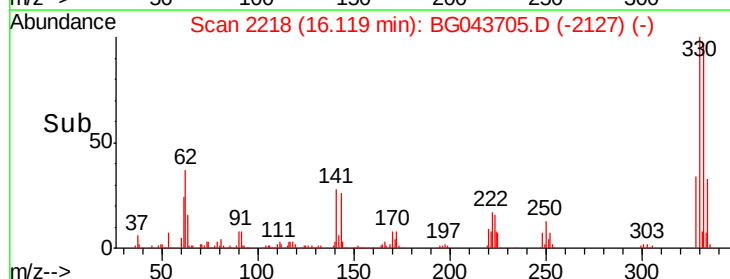
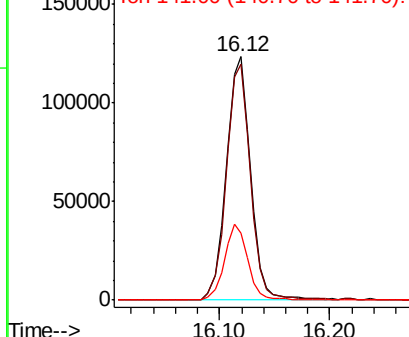


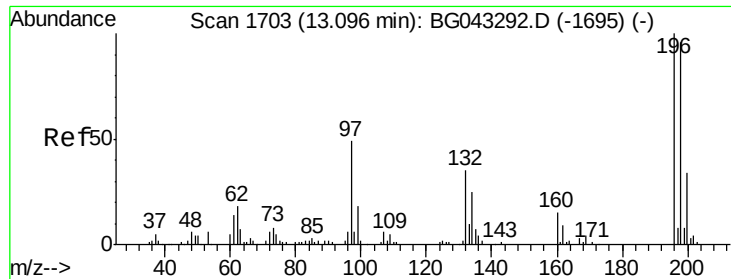
#42
2,4,6-Tribromophenol
Concen: 117.271 ng
RT: 16.12 min Scan# 2218
Delta R.T. 0.00 min
Lab File: BG043705.D
Acq: 19 Nov 2019 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.4	76.6	115.0	
141	29.7	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





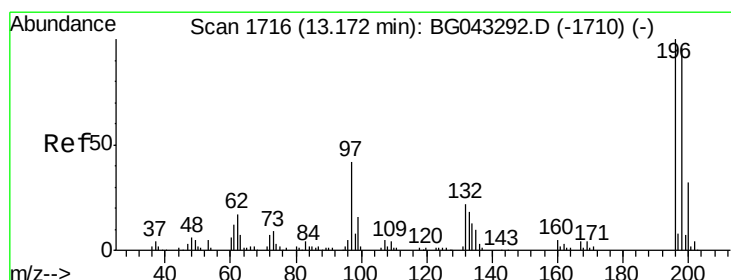
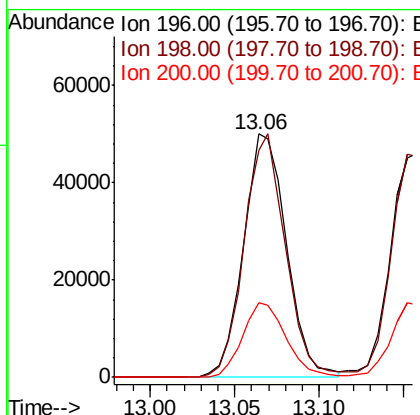
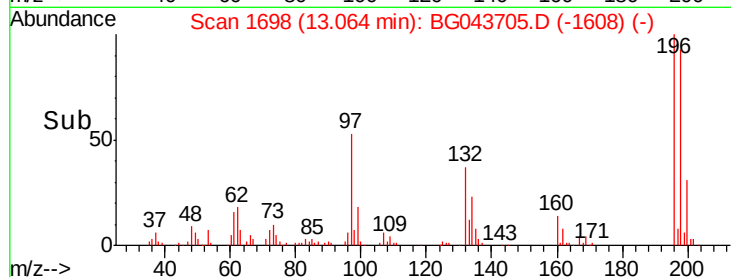
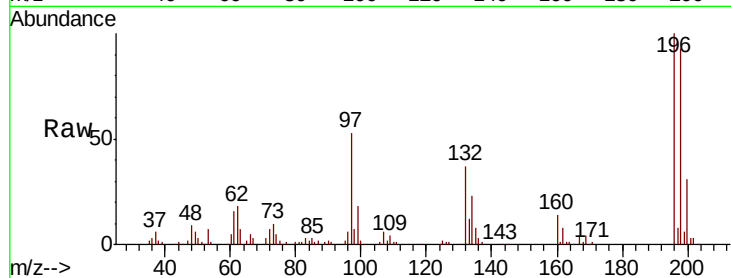
#43
2,4,6-Trichlorophenol
Concen: 47.404 ng
RT: 13.06 min Scan# 1698
Delta R.T. -0.00 min
Lab File: BG043705.D
Acq: 19 Nov 2019 19:34

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

Tot Ion	Ratio	Resp	Lower	Upper
196	100	88163		
198	93.2	81.3	121.9	
200	30.9	28.2	42.2	

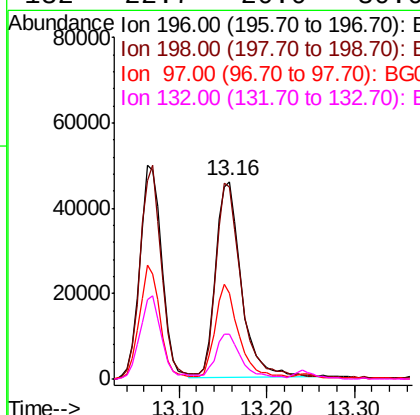
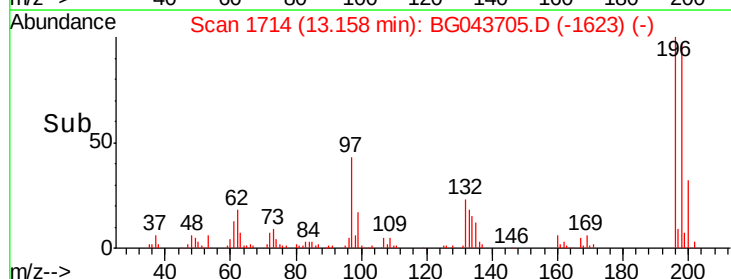
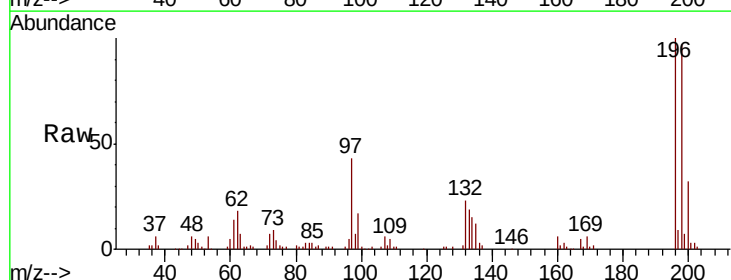
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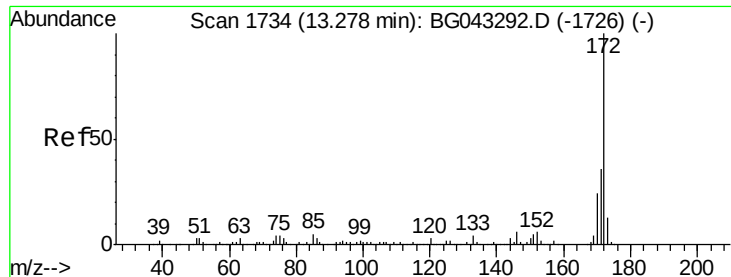
mohammad
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#44
2,4,5-Trichlorophenol
Concen: 50.380 ng
RT: 13.16 min Scan# 1714
Delta R.T. 0.00 min
Lab File: BG043705.D
Acq: 19 Nov 2019 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	94727		
198	97.2	77.4	116.2	
97	43.4	35.9	53.9	
132	22.7	20.0	30.0	





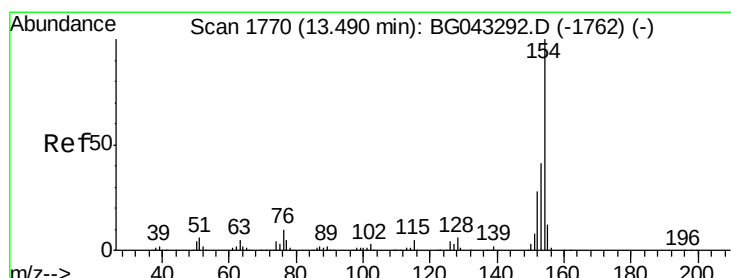
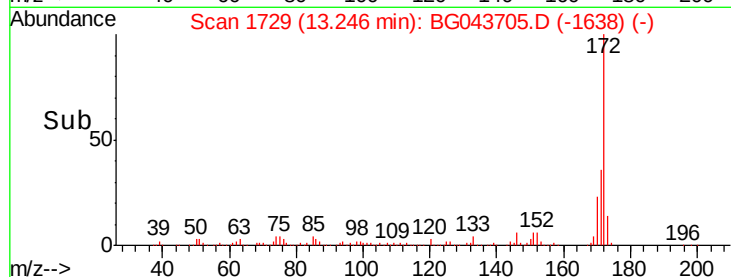
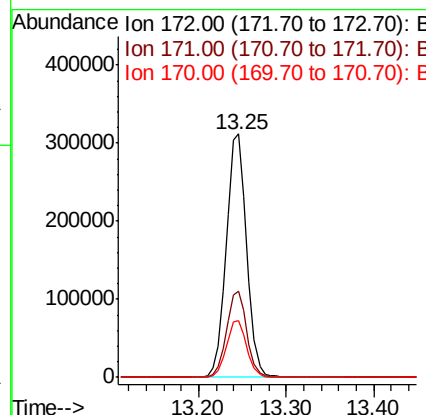
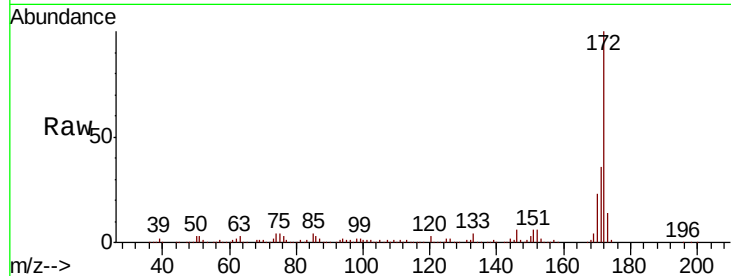
#45
2-Fluorobiphenyl
Concen: 81.217 ng
RT: 13.25 min Scan# 1729
Delta R.T. 0.00 min
Lab File: BG043705.D
Acq: 19 Nov 2019 19:34

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

Tot Ion	Ratio	Resp	Lower	Upper
172	100	501561		
171	35.5		28.1	42.1
170	23.2		18.8	28.2

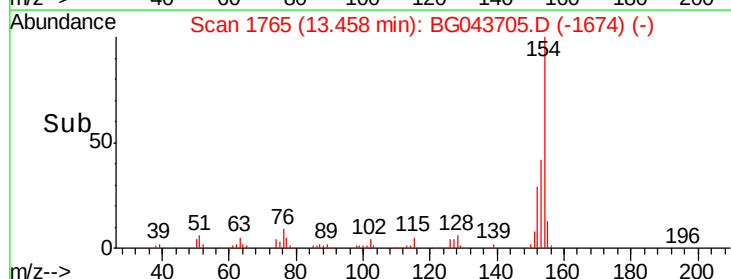
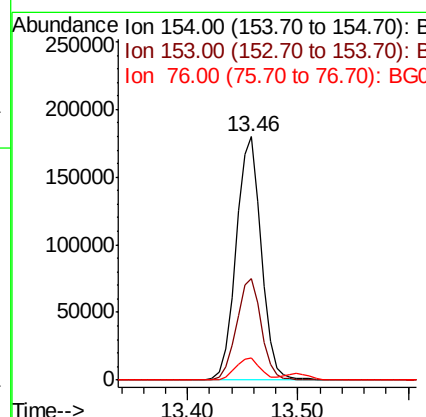
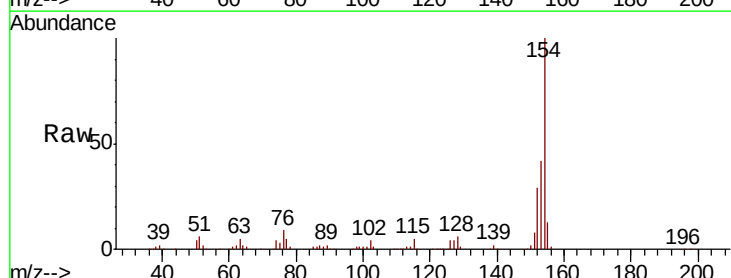
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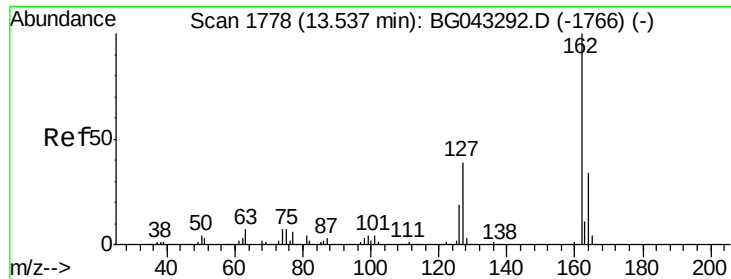
mohammad
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#46
1,1'-Biphenyl
Concen: 44.190 ng
RT: 13.46 min Scan# 1765
Delta R.T. 0.00 min
Lab File: BG043705.D
Acq: 19 Nov 2019 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	286872		
153	41.6		22.6	62.6
76	9.3		0.0	29.1





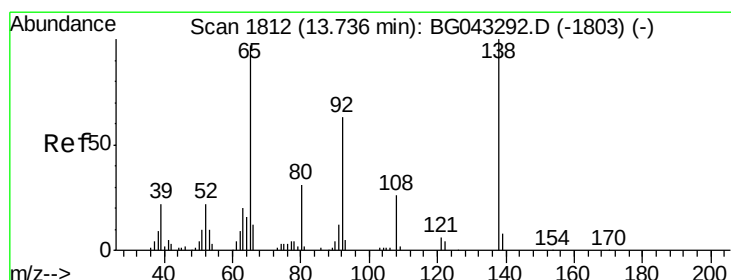
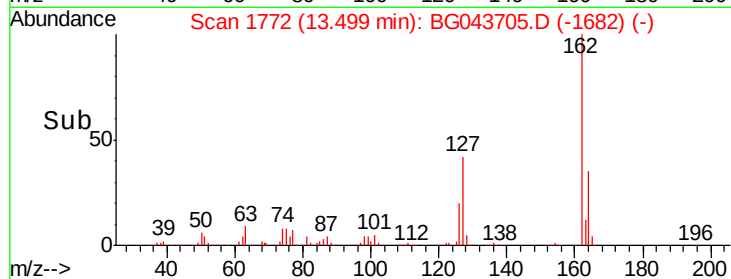
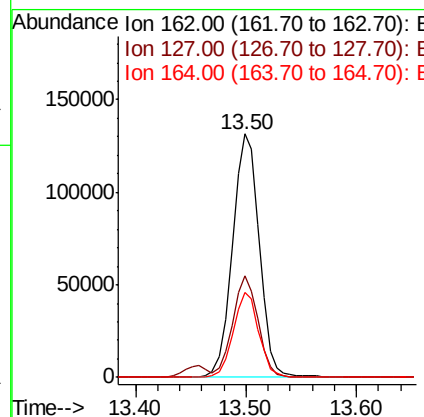
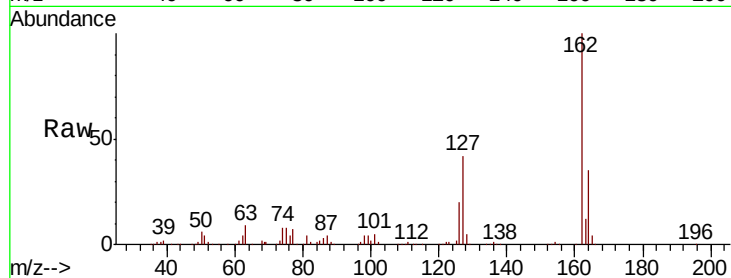
#47
2-Chloronaphthalene
Concen: 45.226 ng
RT: 13.50 min Scan# 1772
Delta R.T. -0.00 min
Lab File: BG043705.D
Acq: 19 Nov 2019 19:34

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

Tot Ion	Ratio	Resp	Lower	Upper
162	100	223388		
127	41.7	32.8	49.2	
164	35.0	27.8	41.8	

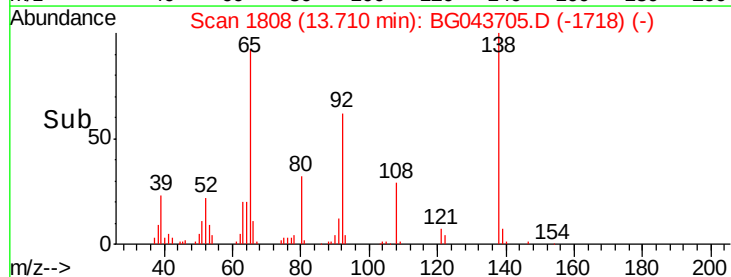
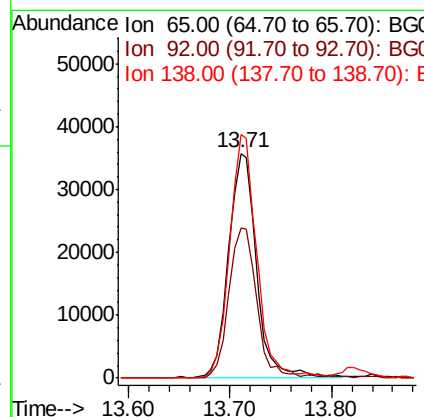
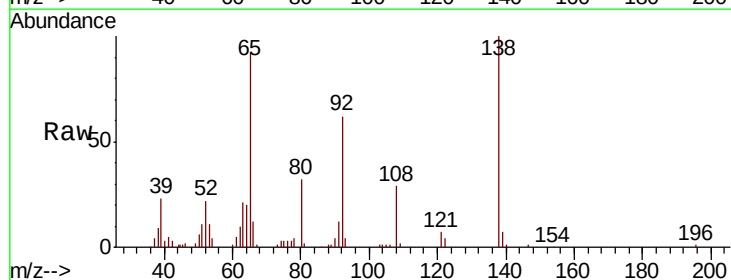
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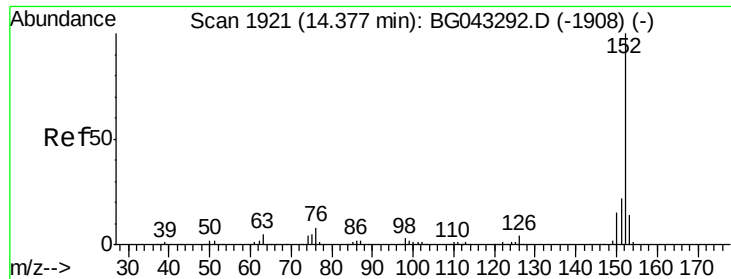
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#48
2-Nitroaniline
Concen: 46.578 ng
RT: 13.71 min Scan# 1808
Delta R.T. -0.00 min
Lab File: BG043705.D
Acq: 19 Nov 2019 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	68762		
92	66.7	54.9	82.3	
138	108.3	85.0	127.6	





#49

Acenaphthylene

Concen: 47.805 ng

RT: 14.34 min Scan# 1916

Delta R.T. -0.00 min

Lab File: BG043705.D

Acq: 19 Nov 2019 19:34

Instrument :

BNA_G

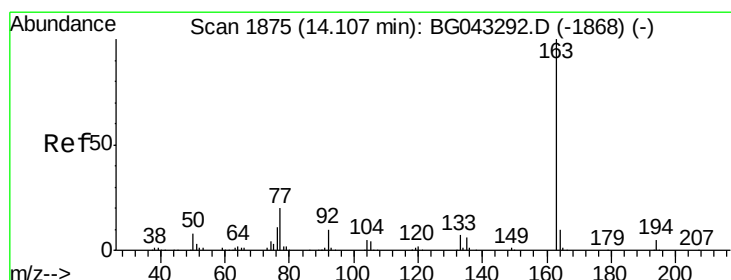
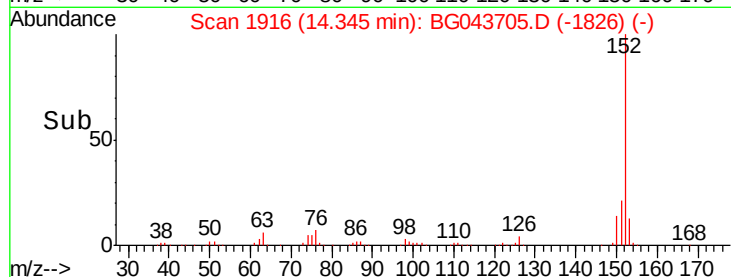
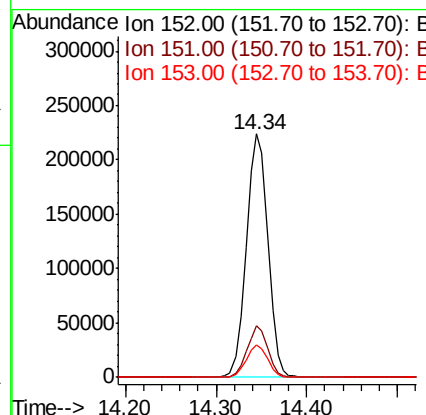
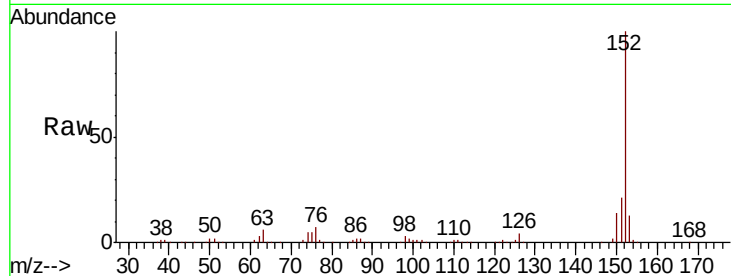
ClientSampleId :

2-(16-19)MSD

Tot Ion:	152	Resp:	367494
Ion Ratio	Lower	Upper	
152	100		
151	21.0	16.1	24.1
153	13.3	11.0	16.4

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#50

Dimethylphthalate

Concen: 57.262 ng

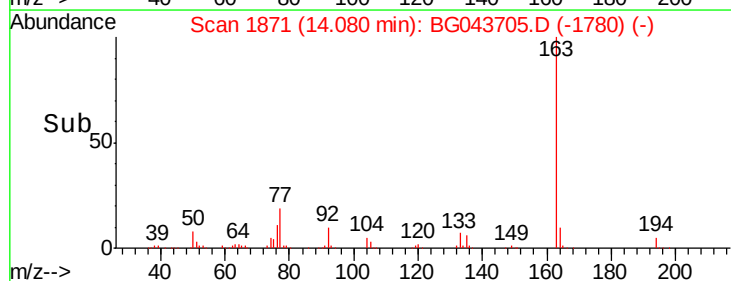
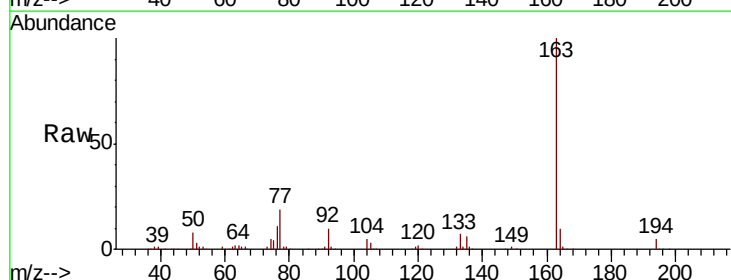
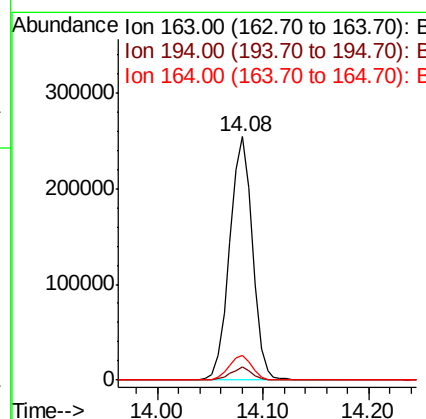
RT: 14.08 min Scan# 1871

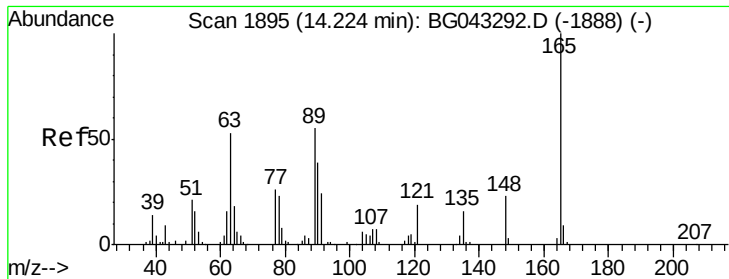
Delta R.T. 0.00 min

Lab File: BG043705.D

Acq: 19 Nov 2019 19:34

Tgt Ion:	163	Resp:	378487
Ion Ratio	Lower	Upper	
163	100		
194	5.3	3.8	5.8
164	10.0	8.5	12.7





#51

2,6-Dinitrotoluene

Concen: 48.470 ng

RT: 14.20 min Scan# 1891

Delta R.T. -0.00 min

Lab File: BG043705.D

Acq: 19 Nov 2019 19:34

Instrument :

BNA_G

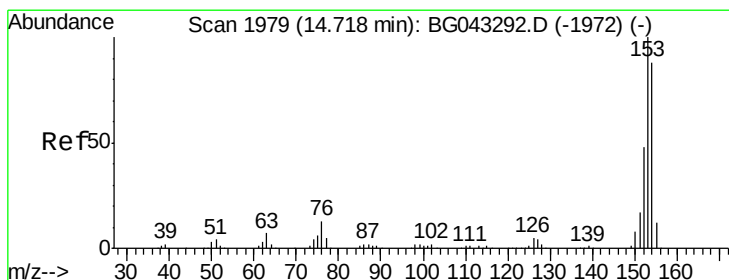
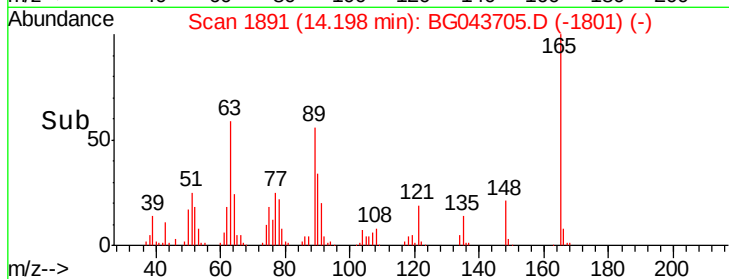
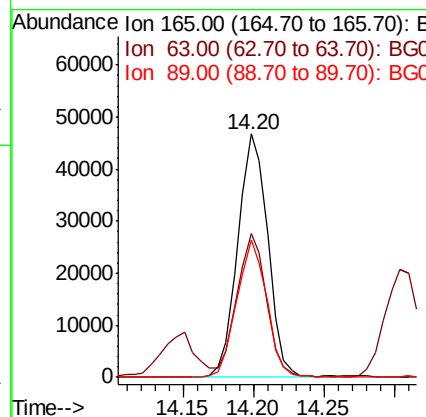
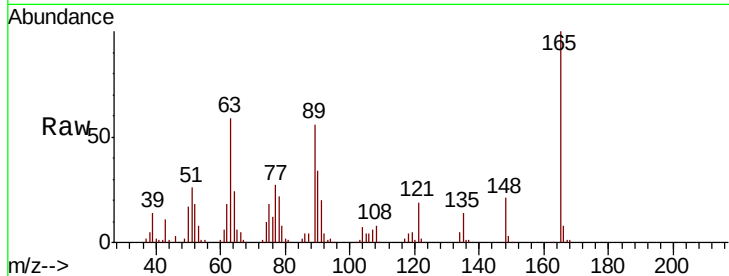
ClientSampleId :

2-(16-19)MSD

Tot Ion:	165	Resp:	69601
Ion Ratio	Lower	Upper	
165	100		
63	59.1	45.0	67.6
89	56.4	39.8	59.8

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#52

Acenaphthene

Concen: 45.535 ng

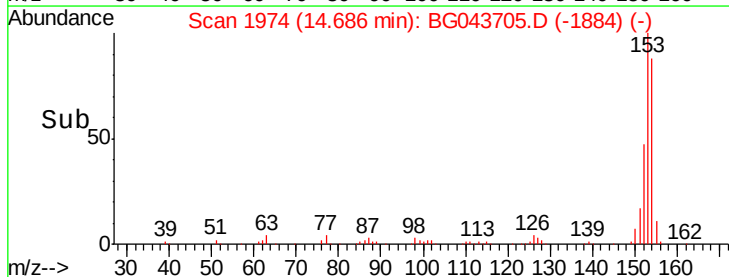
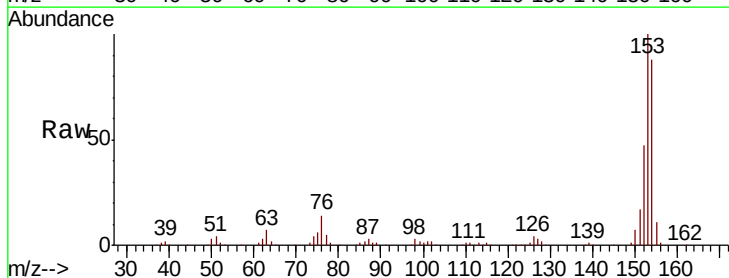
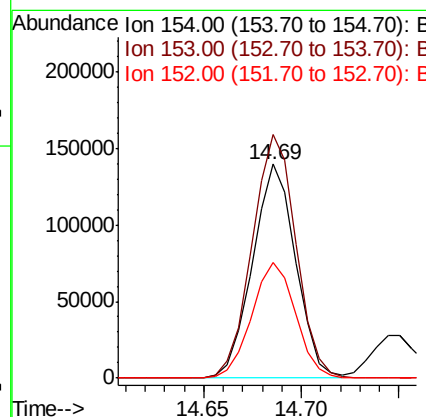
RT: 14.69 min Scan# 1974

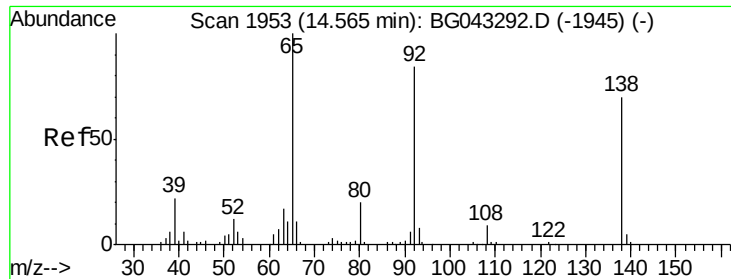
Delta R.T. -0.00 min

Lab File: BG043705.D

Acq: 19 Nov 2019 19:34

Tgt Ion:	154	Resp:	213471
Ion Ratio	Lower	Upper	
154	100		
153	113.9	89.2	133.8
152	53.8	41.4	62.0





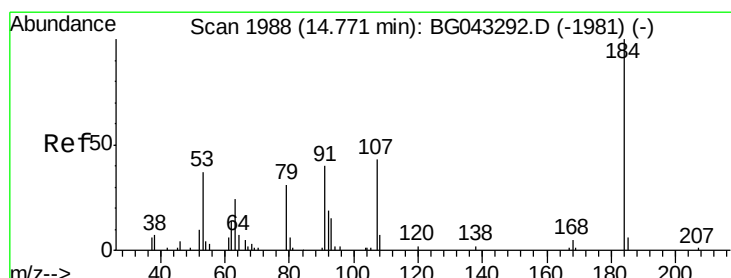
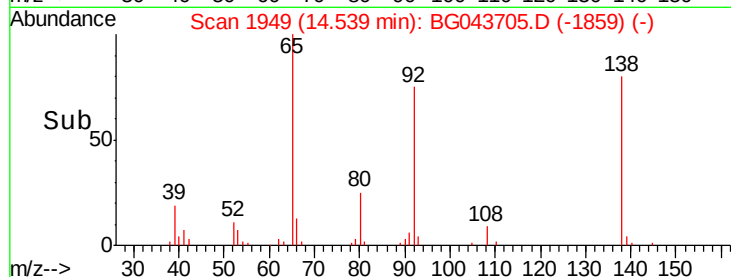
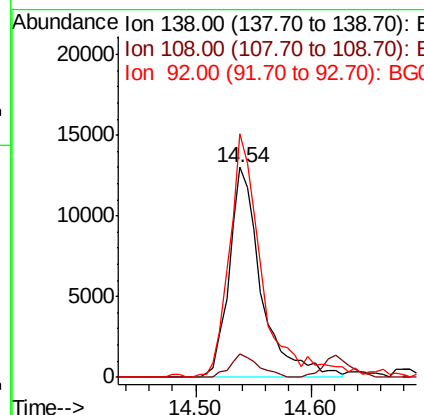
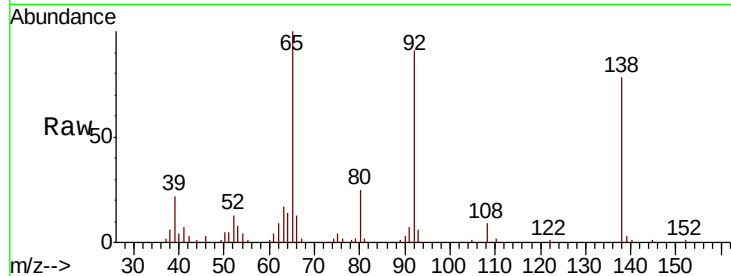
#53
3-Nitroaniline
Concen: 18.046 ng
RT: 14.54 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BG043705.D
Acq: 19 Nov 2019 19:34

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

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.4	9.8	14.8
92	116.1	88.1	132.1

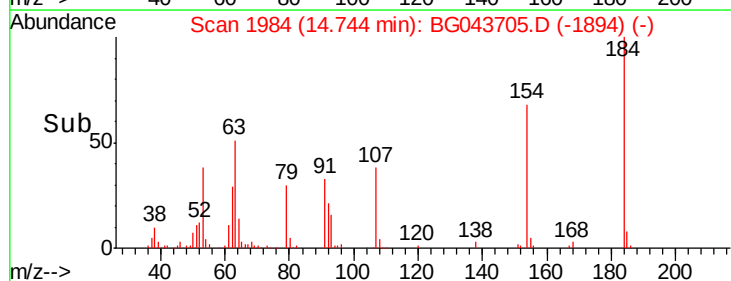
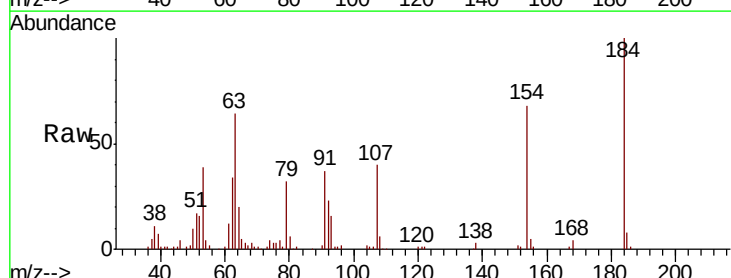
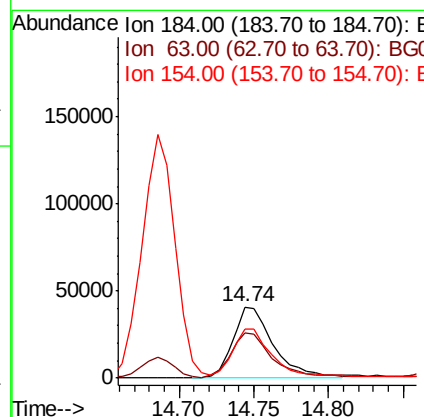
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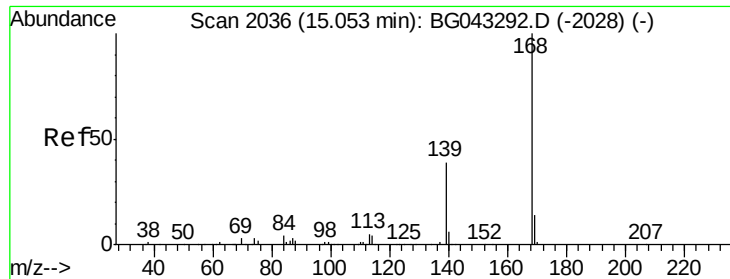
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#54
2,4-Dinitrophenol
Concen: 85.851 ng
RT: 14.74 min Scan# 1984
Delta R.T. -0.00 min
Lab File: BG043705.D
Acq: 19 Nov 2019 19:34

Tgt Ion	Ratio	Lower	Upper
184	100		
63	64.2	59.0	88.4
154	68.0	57.4	86.2





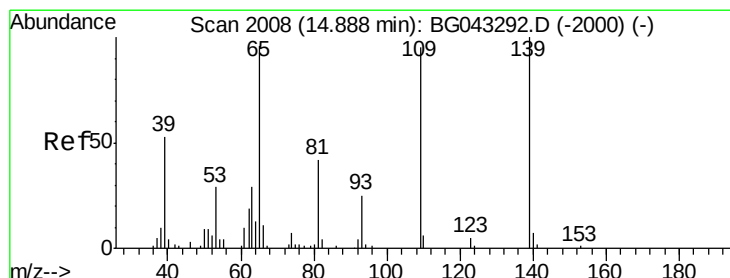
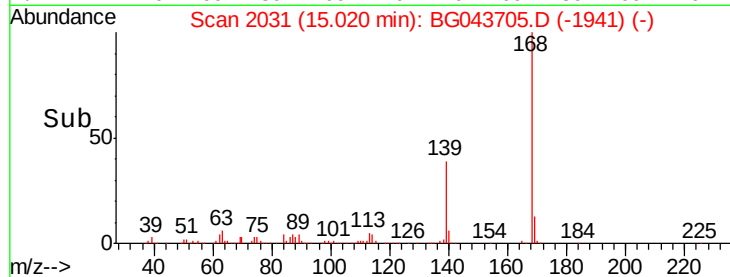
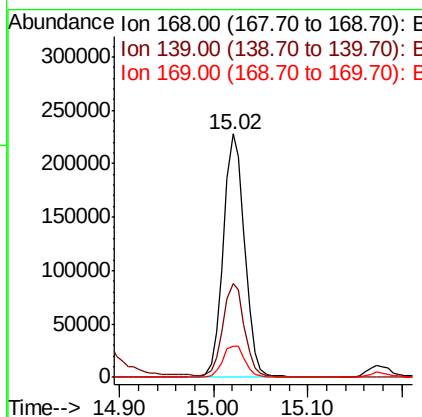
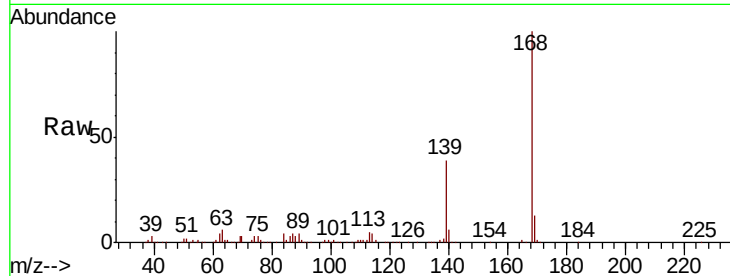
#55
Dibenzenofuran
Concen: 47.409 ng
RT: 15.02 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BG043705.D
Acq: 19 Nov 2019 19:34

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

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.6	32.7	49.1
169	12.8	10.6	15.8

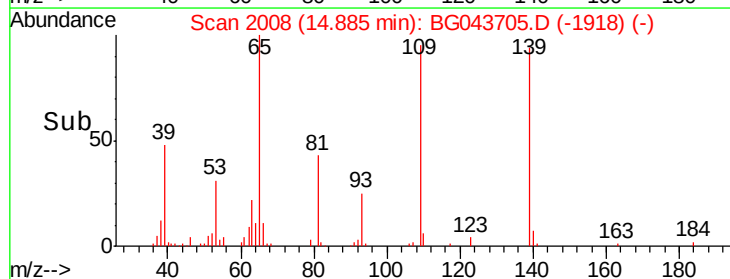
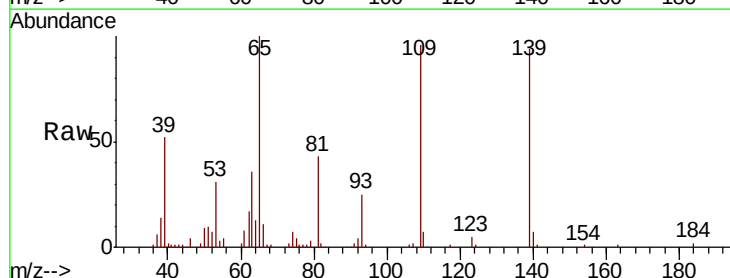
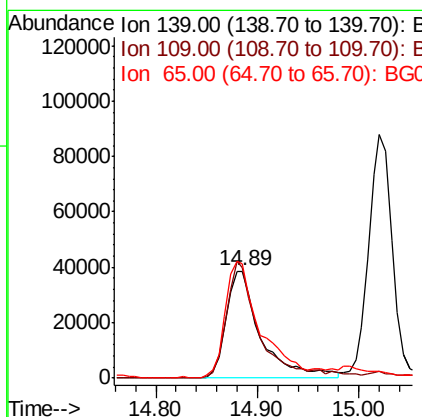
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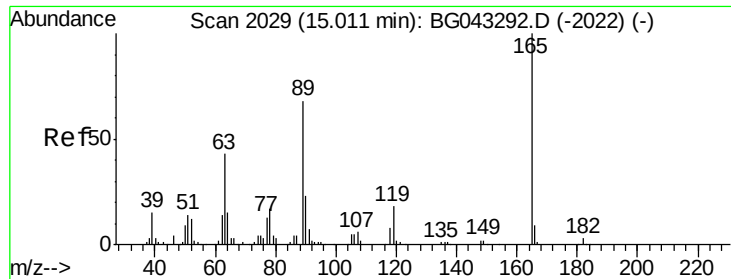
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#56
4-Nitrophenol
Concen: 98.286 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BG043705.D
Acq: 19 Nov 2019 19:34

Tgt Ion	Ratio	Lower	Upper
139	100		
109	102.7	64.0	104.0
65	106.8	75.6	115.6





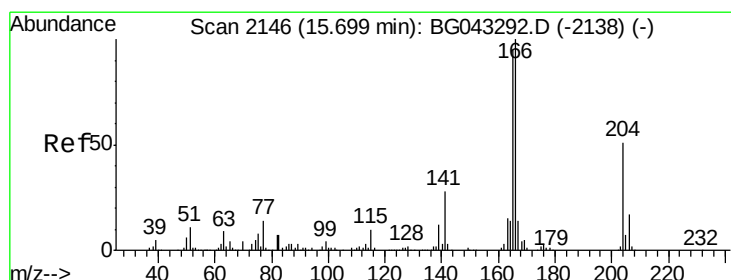
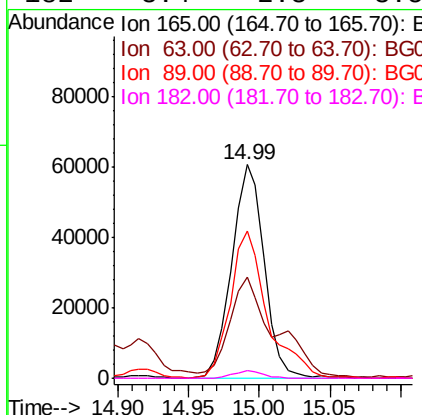
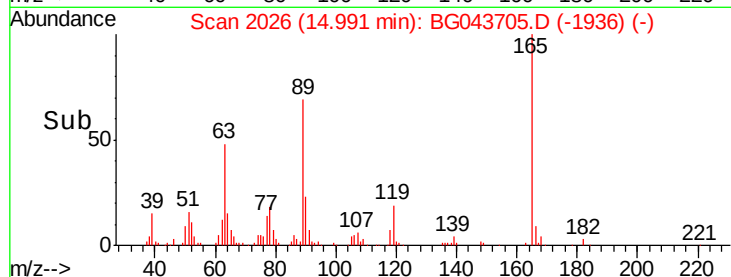
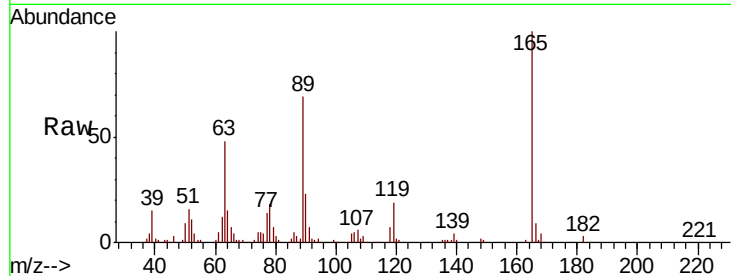
#57
2,4-Dinitrotoluene
Concen: 47.479 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG043705.D
Acq: 19 Nov 2019 19:34

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

Tot Ion	Ratio	Lower	Upper
165	100		
63	47.5	37.4	56.0
89	68.7	50.9	76.3
182	3.4	2.3	3.5

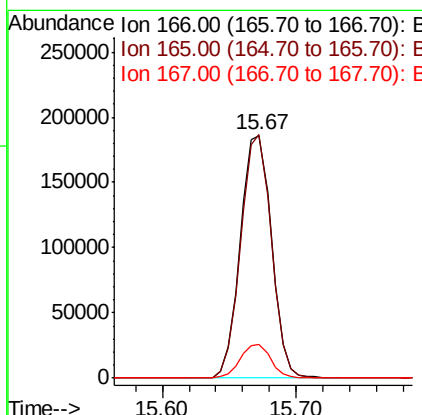
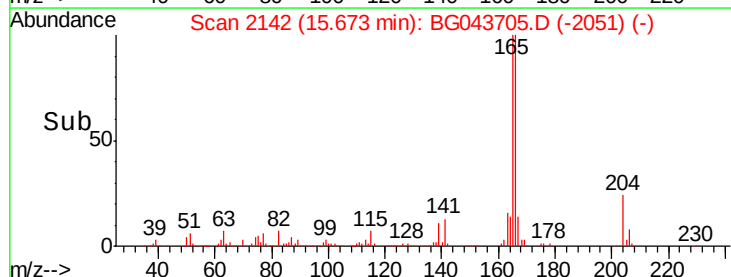
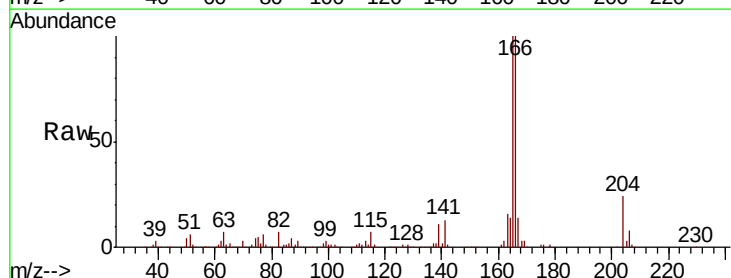
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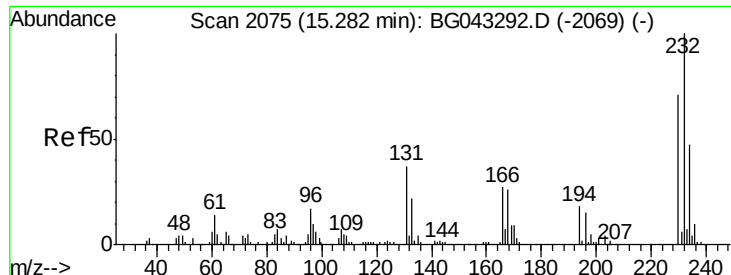
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#58
Fluorene
Concen: 47.185 ng
RT: 15.67 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BG043705.D
Acq: 19 Nov 2019 19:34

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.3	78.4	117.6
167	13.7	11.2	16.8





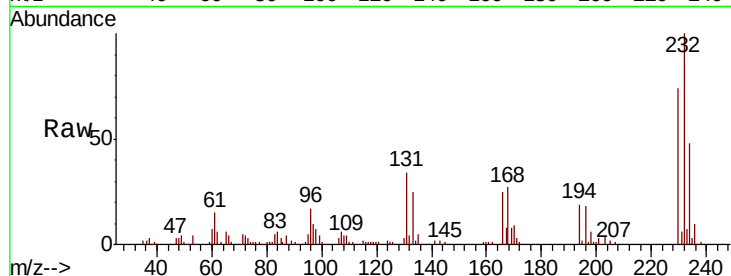
#59
2,3,4,6-Tetrachlorophenol
Concen: 49.197 ng
RT: 15.26 min Scan# 2072
Delta R.T. 0.00 min
Lab File: BG043705.D
Acq: 19 Nov 2019 19:34

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

Tot Ion	Ratio	Resp	Lower	Upper
232	100	98279		
131	35.8		29.6	44.4
130	2.0		1.4	2.0
166	26.7		21.2	31.8

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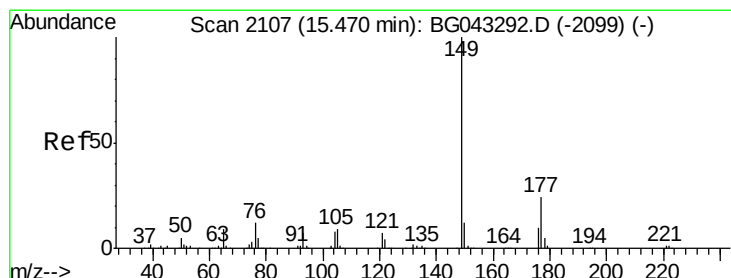
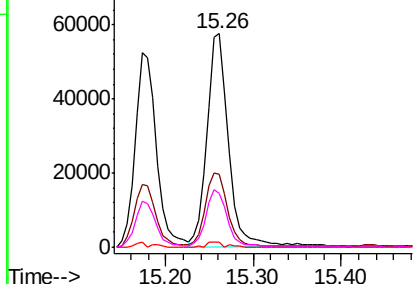
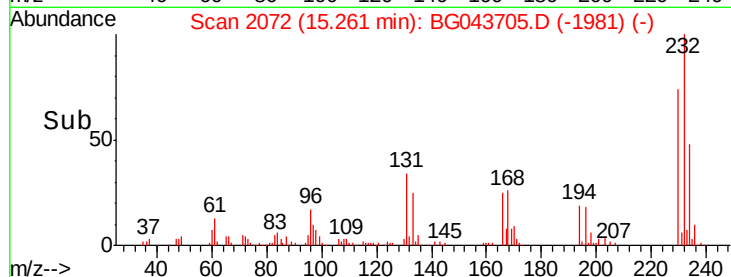
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

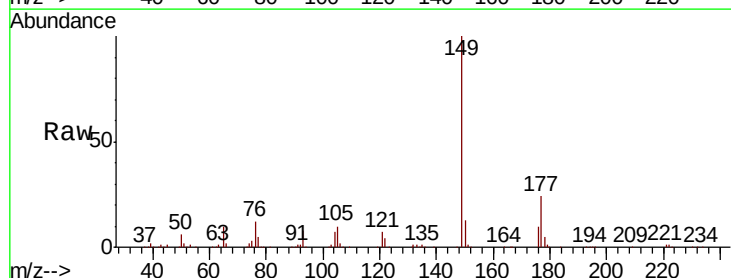
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 45.740 ng
RT: 15.44 min Scan# 2102
Delta R.T. 0.00 min
Lab File: BG043705.D
Acq: 19 Nov 2019 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	303775		
177	24.2		19.3	28.9
150	12.7		10.5	15.7

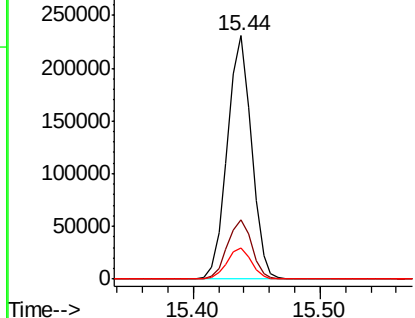
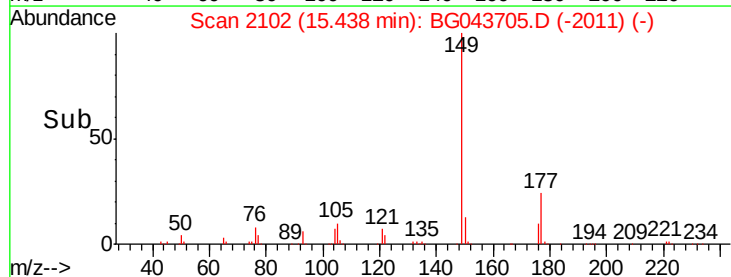


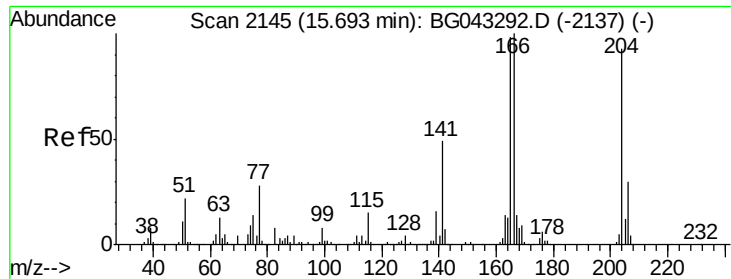
Abundance

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





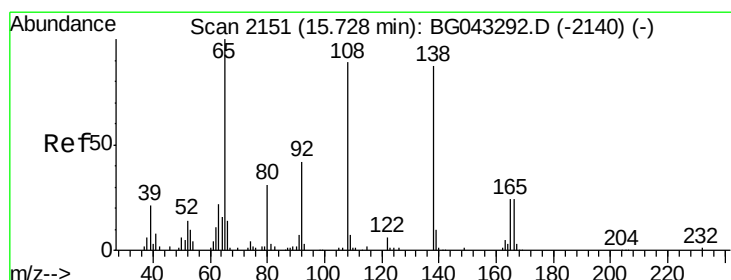
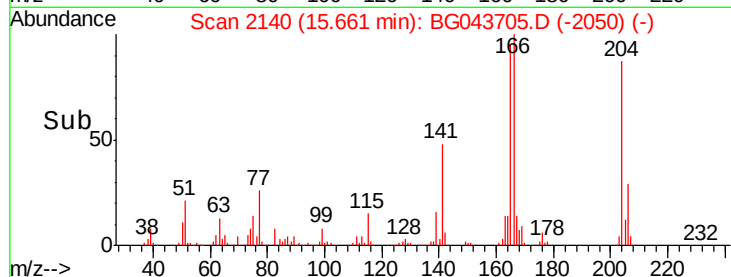
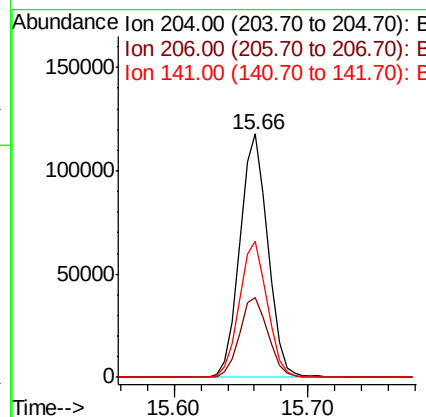
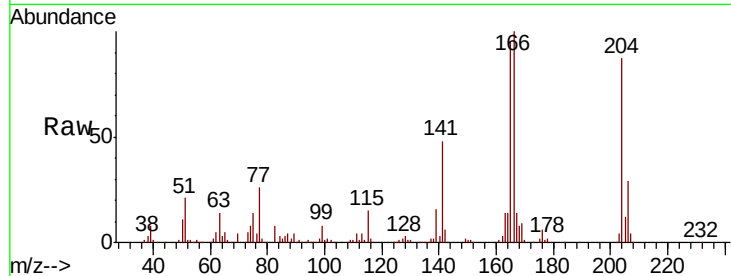
#61
4-Chlorophenyl-phenylether
Concen: 45.943 ng
RT: 15.66 min Scan# 2140
Delta R.T. -0.00 min
Lab File: BG043705.D
Acq: 19 Nov 2019 19:34

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

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	28.2	42.4
141	55.8	44.5	66.7

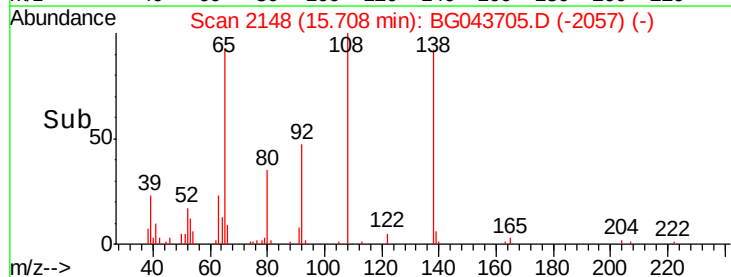
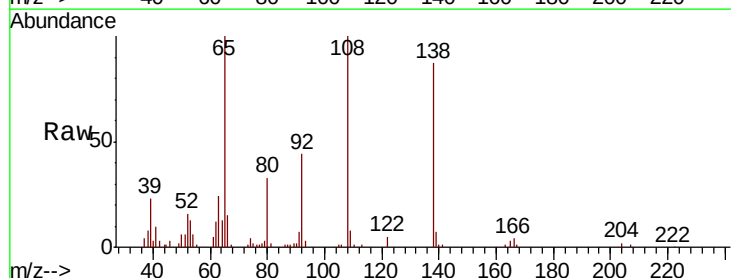
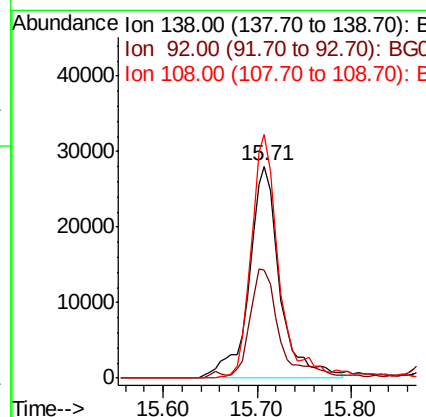
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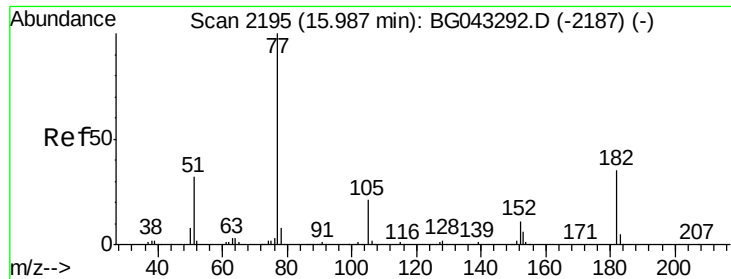
mohammad
11/21/2019 9:04:15 AM



#62
4-Nitroaniline
Concen: 44.084 ng
RT: 15.71 min Scan# 2148
Delta R.T. 0.00 min
Lab File: BG043705.D
Acq: 19 Nov 2019 19:34

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.7	31.0	71.0
108	114.8	85.0	125.0





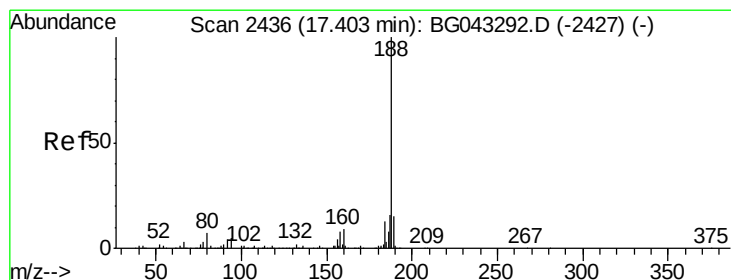
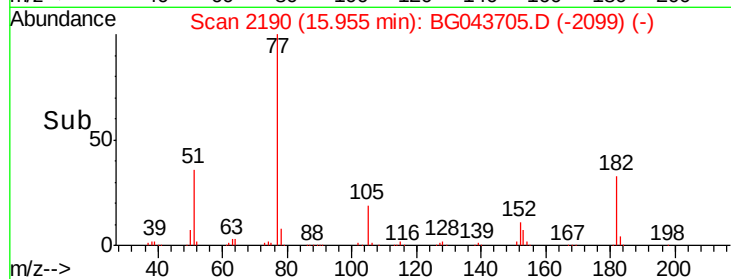
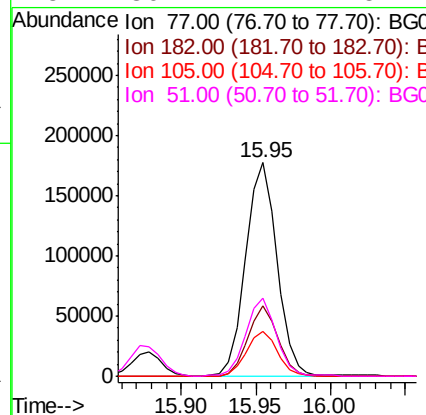
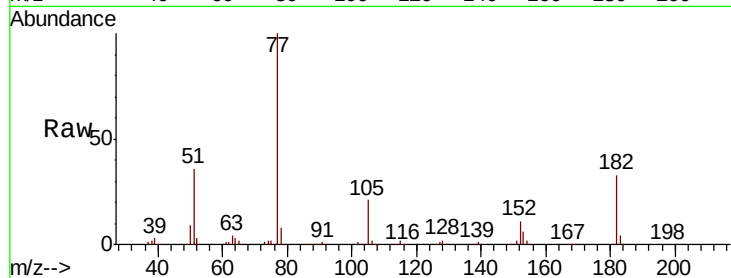
#63
Azobenzene
Concen: 47.697 ng
RT: 15.95 min Scan# 2190
Delta R.T. 0.00 min
Lab File: BG043705.D
Acq: 19 Nov 2019 19:34

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		256369		
182	32.7	11.2	51.2		
105	21.0	1.5	41.5		
51	36.4	14.7	54.7		

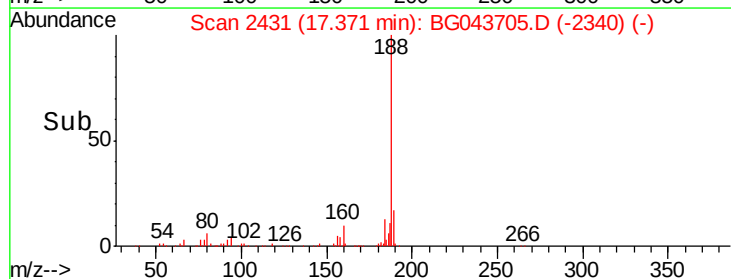
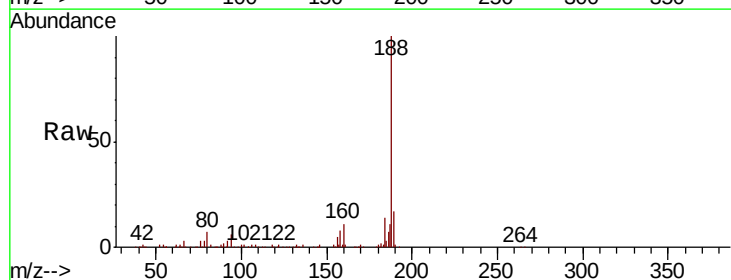
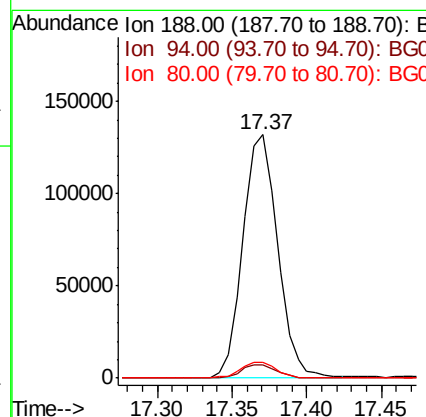
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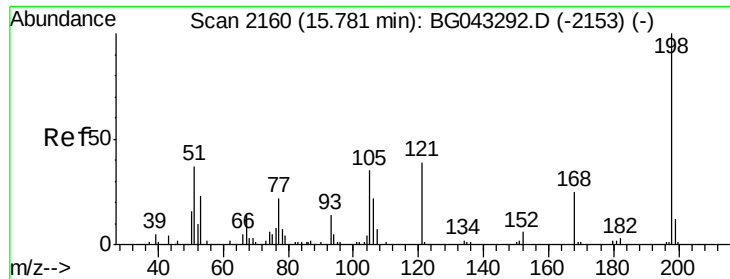
mohammad
11/21/2019 9:04:15 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2431
Delta R.T. 0.00 min
Lab File: BG043705.D
Acq: 19 Nov 2019 19:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		213975		
94	5.6	4.6	7.0		
80	6.6	5.2	7.8		





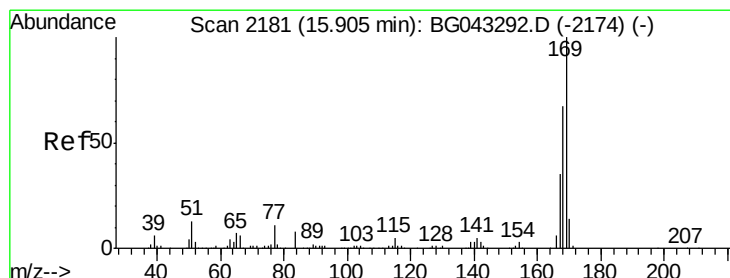
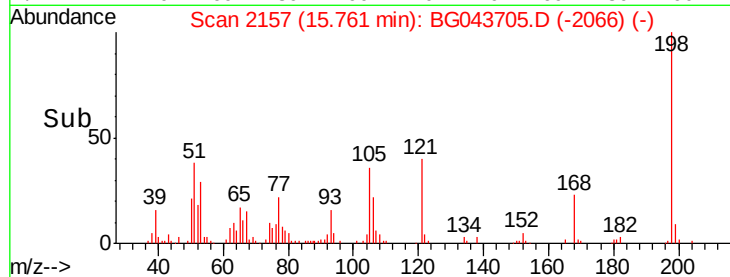
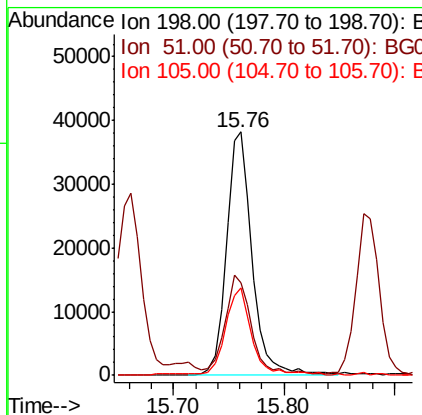
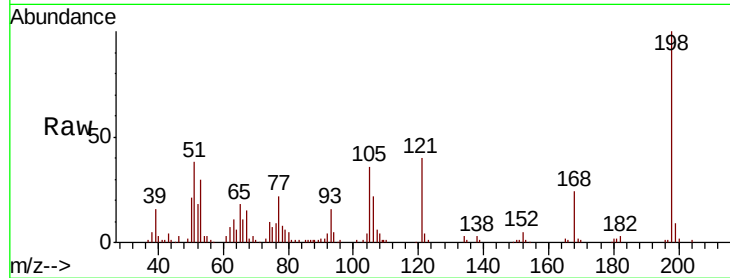
#65
 4,6-Dinitro-2-methylphenol
 Concen: 49.175 ng
 RT: 15.76 min Scan# 2157
 Delta R.T. 0.00 min
 Lab File: BG043705.D
 Acq: 19 Nov 2019 19:34

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

Tot Ion	Ratio	Lower	Upper
198	100		
51	37.9	17.3	57.3
105	36.0	13.9	53.9

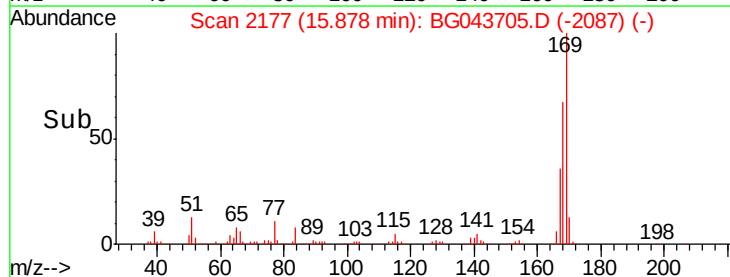
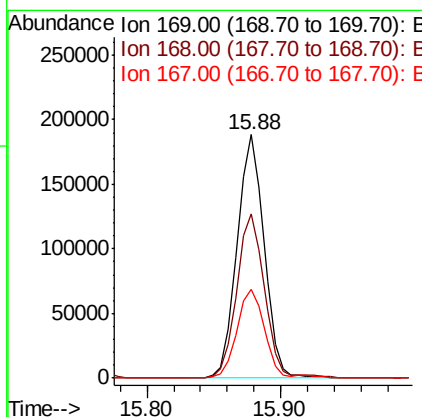
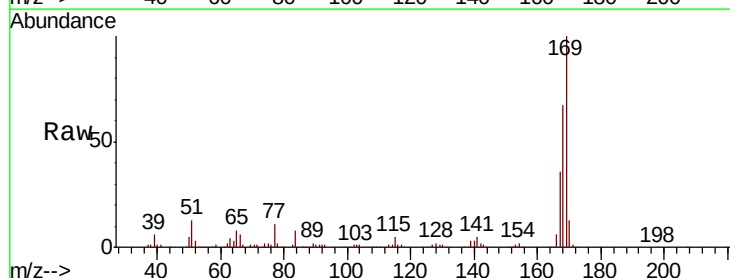
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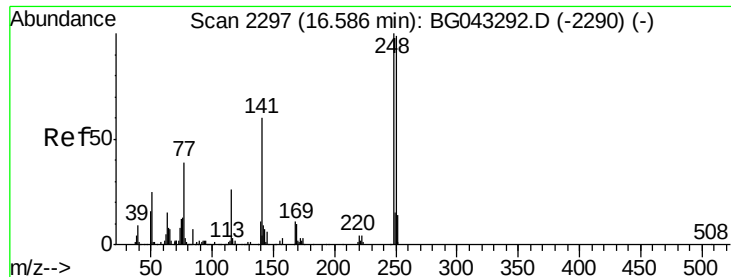
mohammad
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#66
 n-Nitrosodiphenylamine
 Concen: 43.856 ng
 RT: 15.88 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: BG043705.D
 Acq: 19 Nov 2019 19:34

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.4	56.2	84.4
167	36.4	29.8	44.8





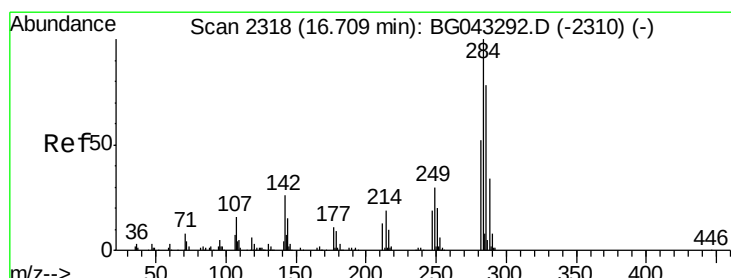
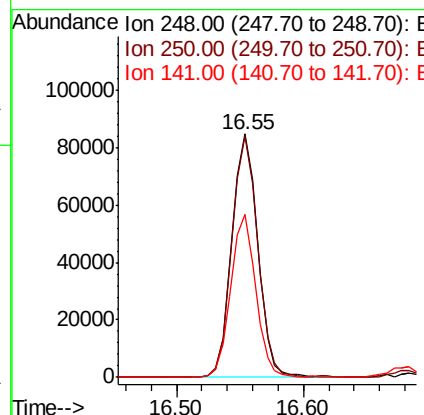
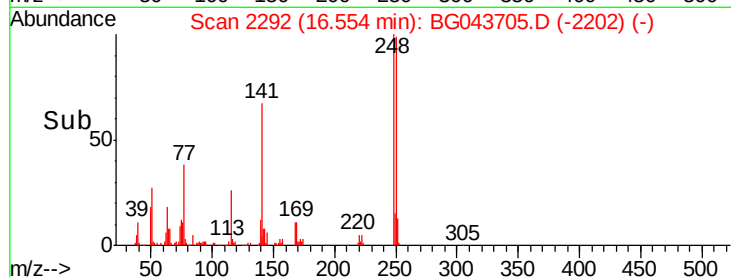
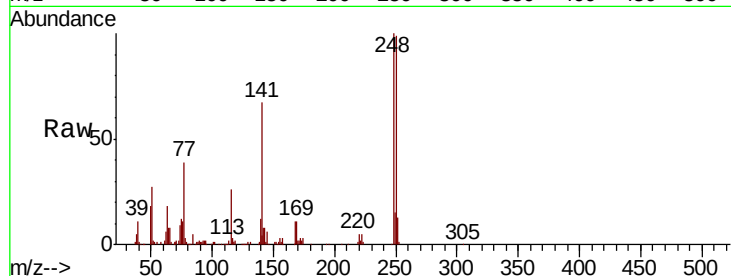
#67
4-Bromophenyl-phenylether
Concen: 41.526 ng
RT: 16.55 min Scan# 2292
Delta R.T. -0.00 min
Lab File: BG043705.D
Acq: 19 Nov 2019 19:34

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

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.3	76.3	114.5
141	66.9	49.5	74.3

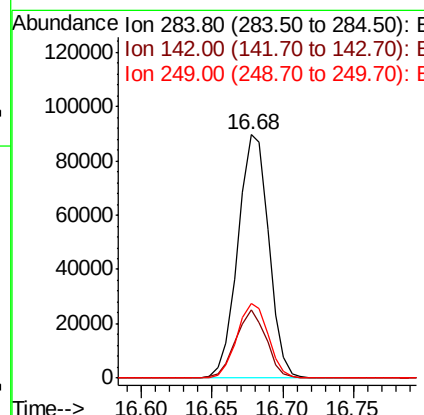
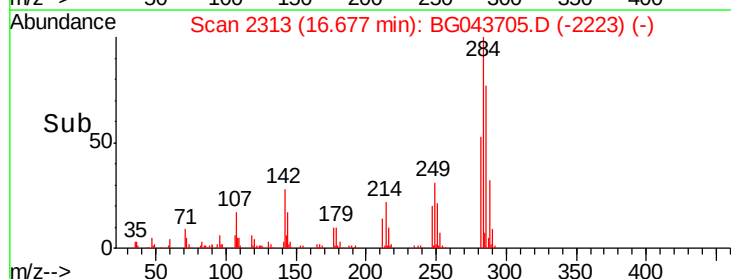
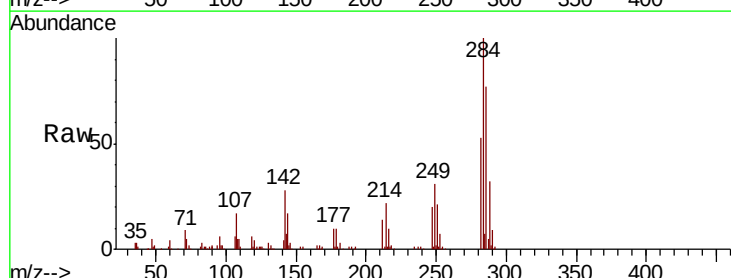
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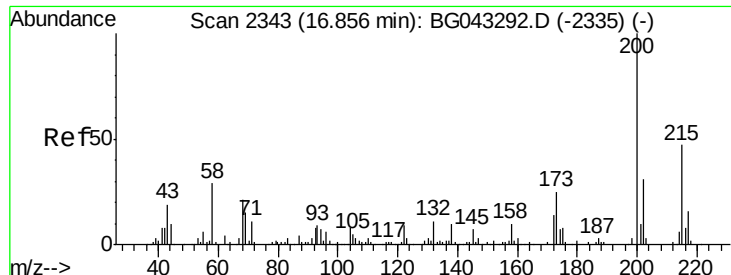
mohammad
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#68
Hexachlorobenzene
Concen: 41.368 ng
RT: 16.68 min Scan# 2313
Delta R.T. -0.00 min
Lab File: BG043705.D
Acq: 19 Nov 2019 19:34

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.9	23.2	34.8
249	30.6	27.0	40.4





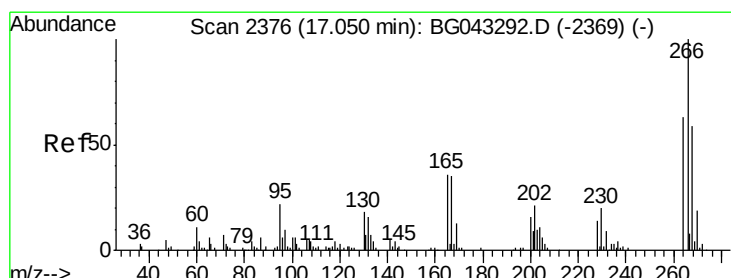
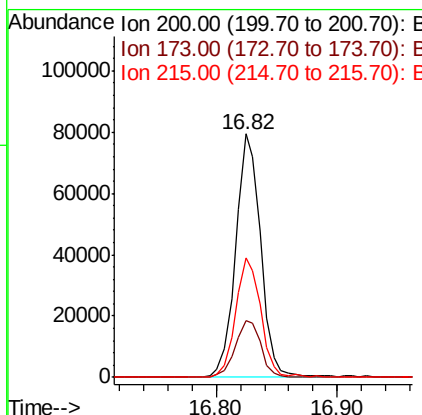
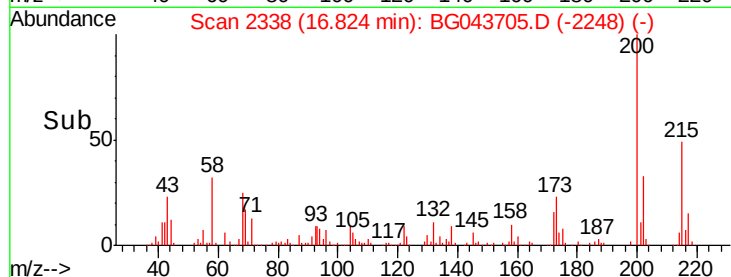
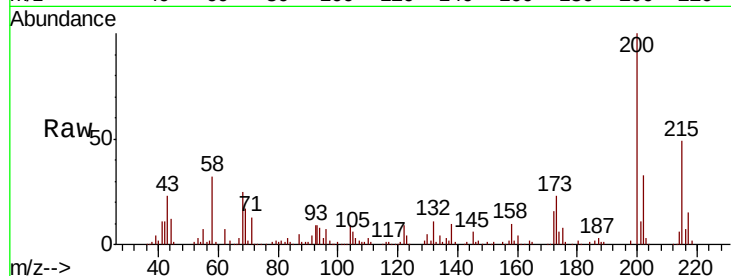
#69
 Atrazine
 Concen: 54.777 ng
 RT: 16.82 min Scan# 2338
 Delta R.T. -0.00 min
 Lab File: BG043705.D
 Acq: 19 Nov 2019 19:34

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

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.3	5.1	45.1
215	49.1	29.8	69.8

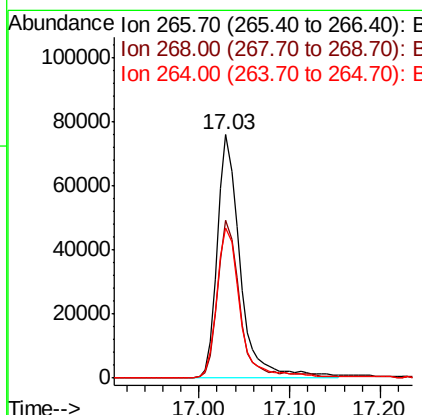
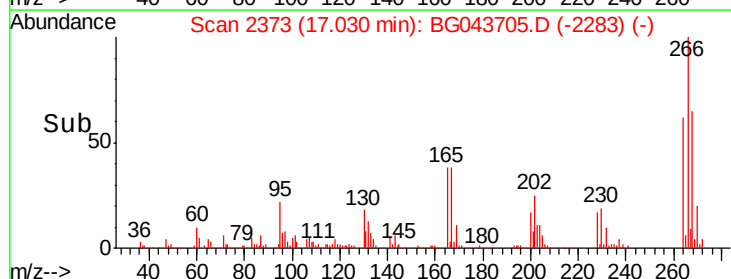
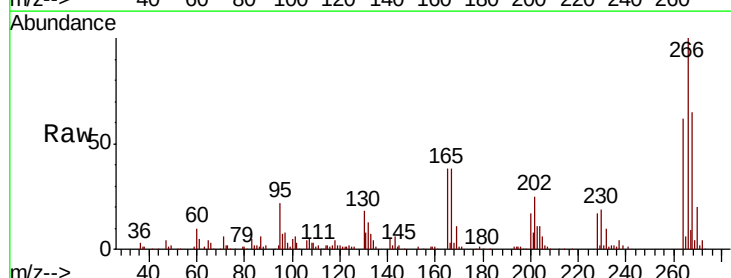
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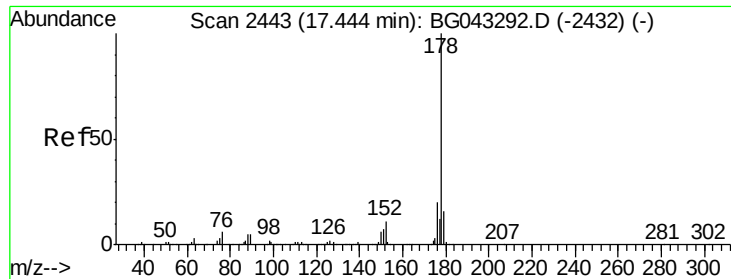
mohammad
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#70
 Pentachlorophenol
 Concen: 88.643 ng
 RT: 17.03 min Scan# 2373
 Delta R.T. -0.00 min
 Lab File: BG043705.D
 Acq: 19 Nov 2019 19:34

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.7	53.2	79.8
264	61.7	48.9	73.3





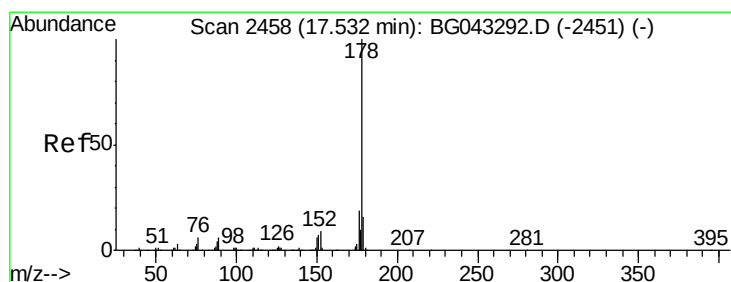
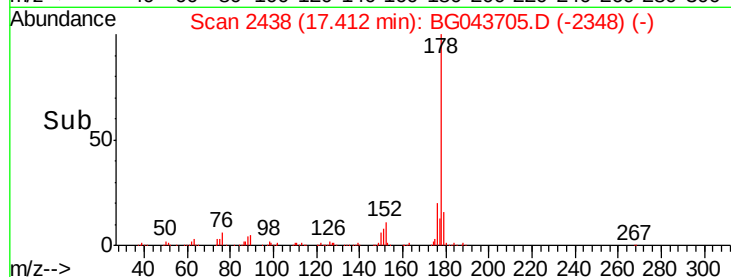
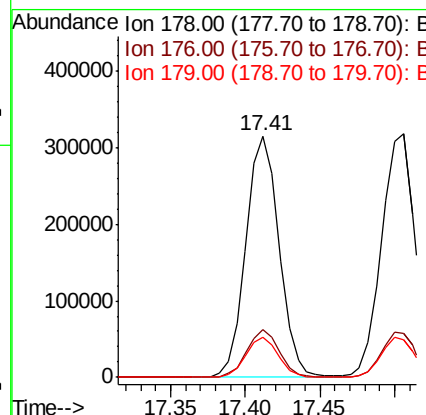
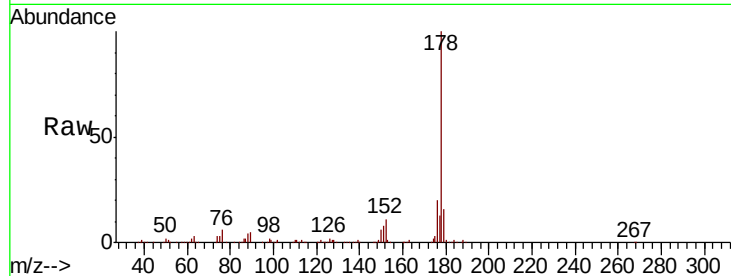
#71
Phenanthrene
Concen: 44.517 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BG043705.D
Acq: 19 Nov 2019 19:34

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.0	22.4
179	16.5	13.0	19.4

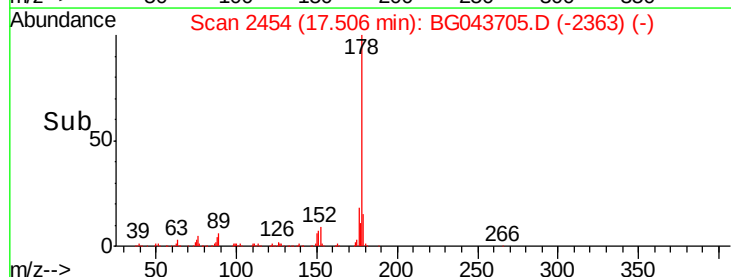
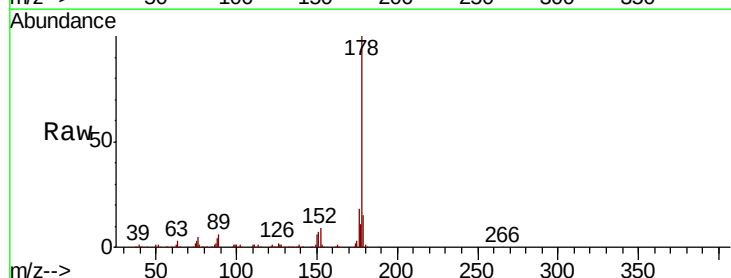
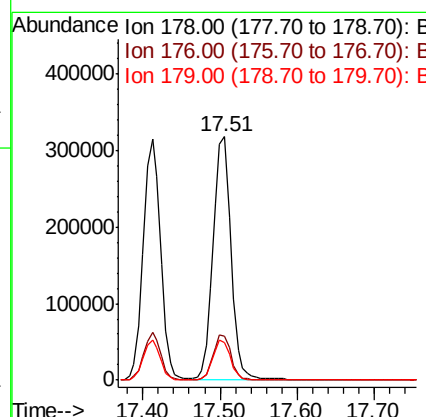
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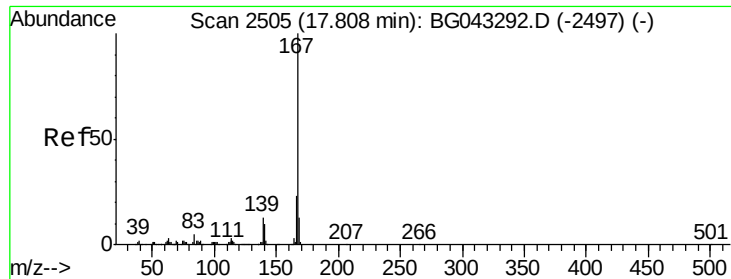
mohammad
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#72
Anthracene
Concen: 46.488 ng
RT: 17.51 min Scan# 2454
Delta R.T. 0.00 min
Lab File: BG043705.D
Acq: 19 Nov 2019 19:34

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.0	22.6
179	15.5	13.3	19.9





#73

Carbazole

Concen: 45.457 ng

RT: 17.78 min Scan# 2500

Delta R.T. -0.00 min

Lab File: BG043705.D

Acq: 19 Nov 2019 19:34

Instrument :

BNA_G

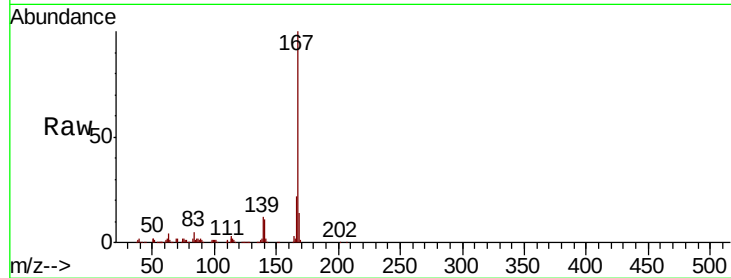
ClientSampleId :

2-(16-19)MSD

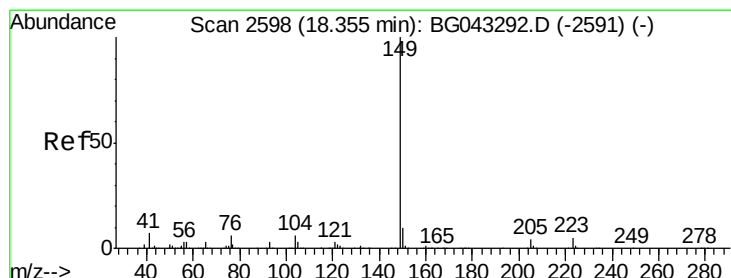
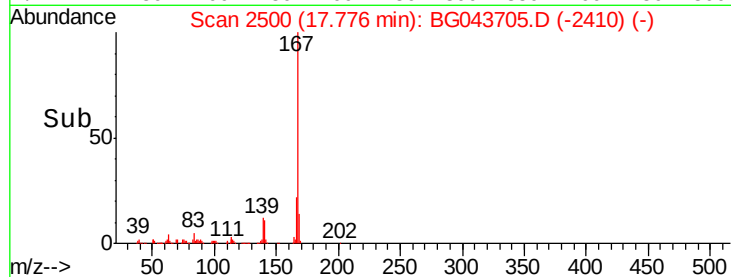
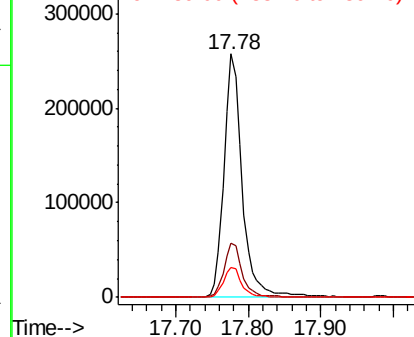
Tot Ion:	167	Resp:	451285
Ion Ratio	Lower	Upper	
167	100		
166	22.3	17.6	26.4
139	12.5	10.3	15.5

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



#74

Di-n-butylphthalate

Concen: 44.452 ng

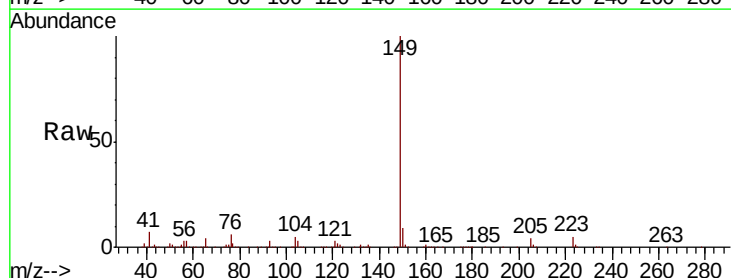
RT: 18.32 min Scan# 2593

Delta R.T. -0.00 min

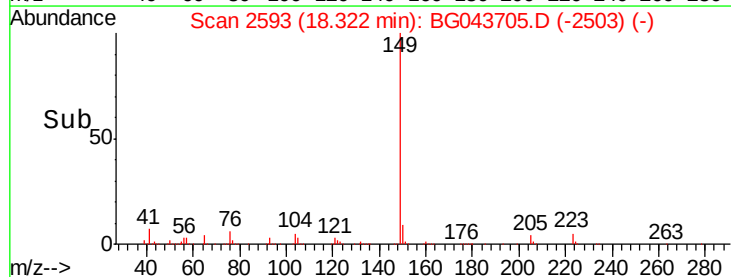
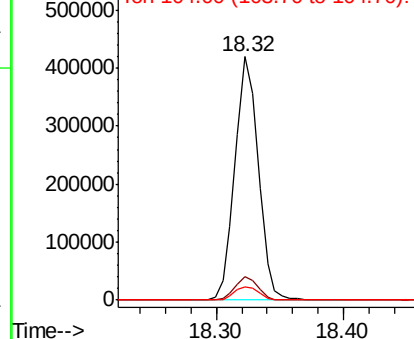
Lab File: BG043705.D

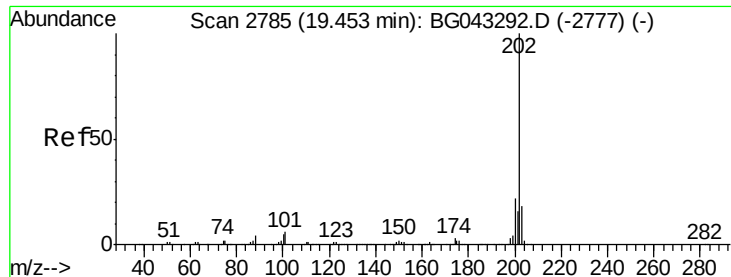
Acq: 19 Nov 2019 19:34

Tgt Ion:	149	Resp:	535453
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.6	11.4
104	5.5	4.7	7.1



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





#75

Fluoranthene

Concen: 45.738 ng

RT: 19.42 min Scan# 2780

Delta R.T. -0.00 min

Lab File: BG043705.D

Acq: 19 Nov 2019 19:34

Instrument :

BNA_G

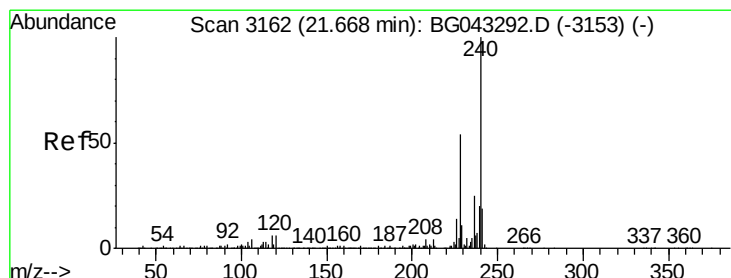
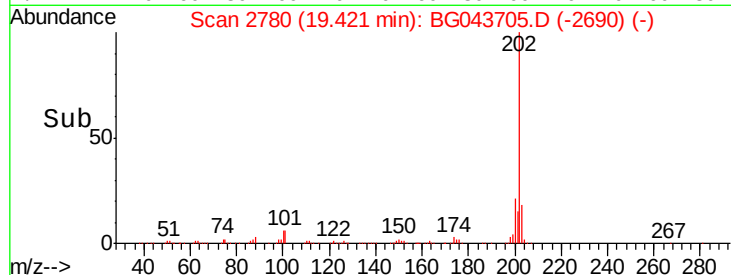
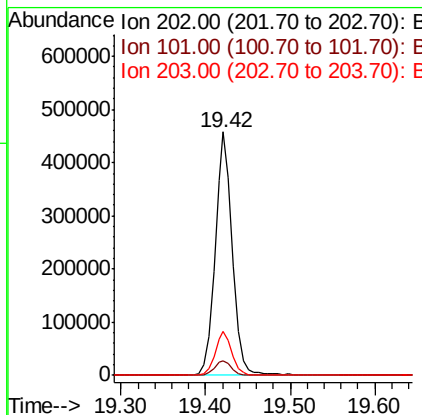
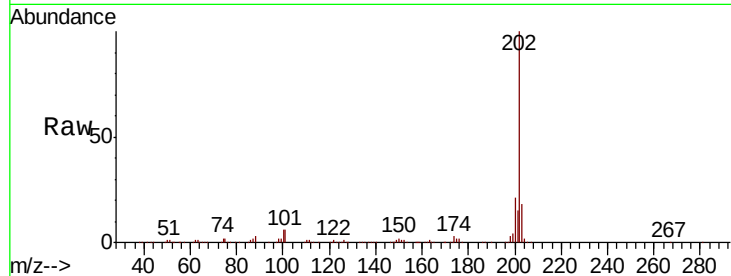
ClientSampleId :

2-(16-19)MSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	653350		
101	6.2	0.0	25.6	
203	18.1	0.0	37.6	

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#76

Chrysene-d12

Concen: 20.000 ng

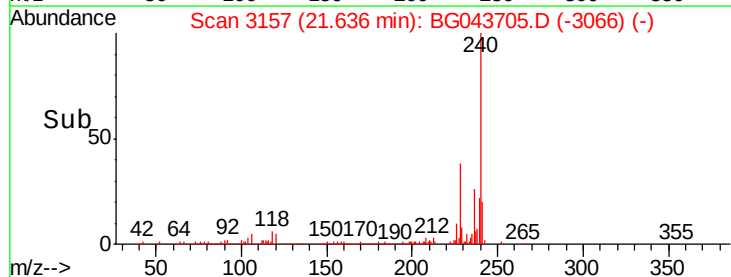
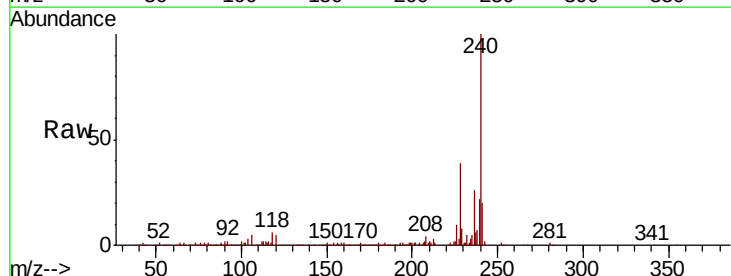
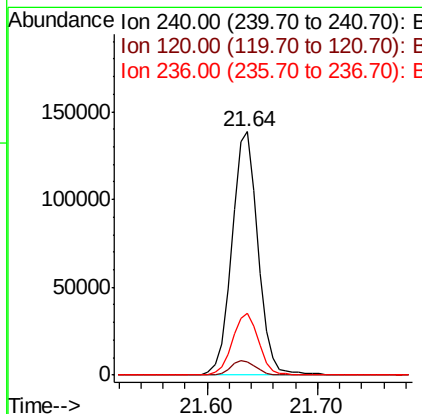
RT: 21.64 min Scan# 3157

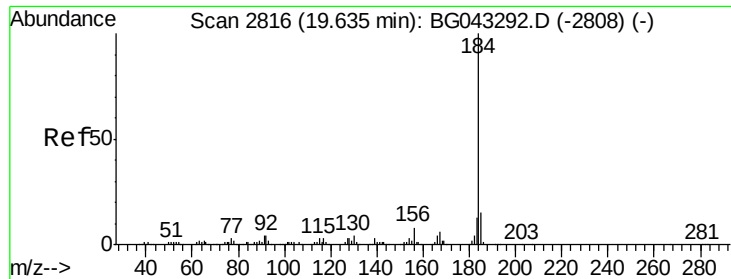
Delta R.T. 0.00 min

Lab File: BG043705.D

Acq: 19 Nov 2019 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	230078		
120	5.2	4.9	7.3	
236	25.5	21.4	32.0	





#77

Benzidine

Concen: 80.424 ng

RT: 19.60 min Scan# 2811

Delta R.T. -0.01 min

Lab File: BG043705.D

Acq: 19 Nov 2019 19:34

Instrument :

BNA_G

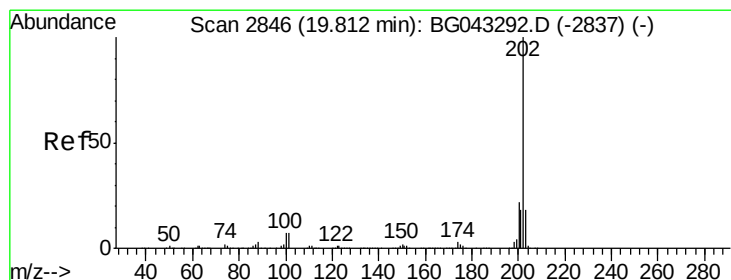
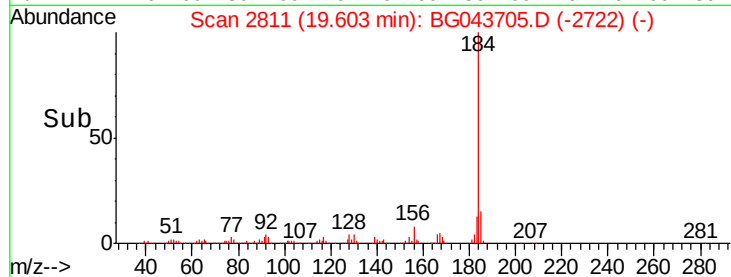
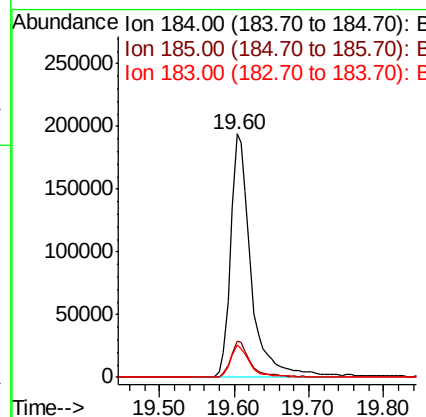
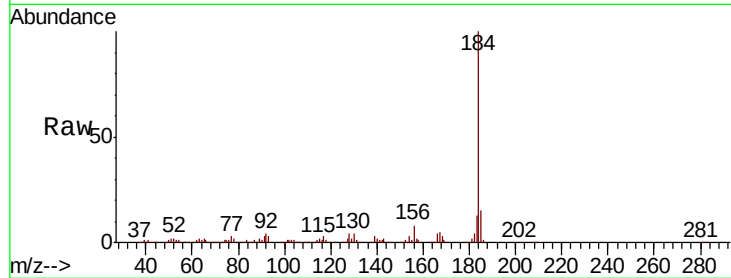
ClientSampleId :

2-(16-19)MSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.9	12.7	19.1
183	13.2	8.8	13.2

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#78

Pyrene

Concen: 45.989 ng

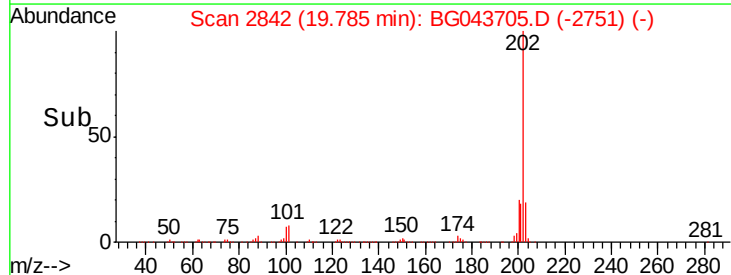
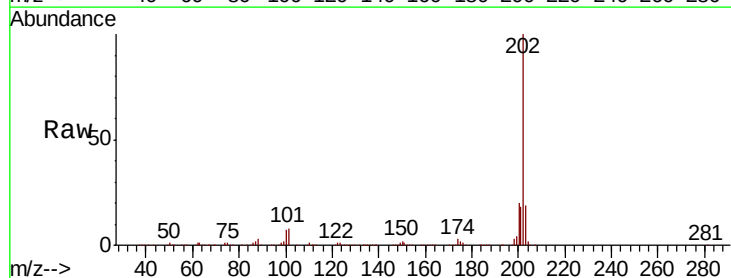
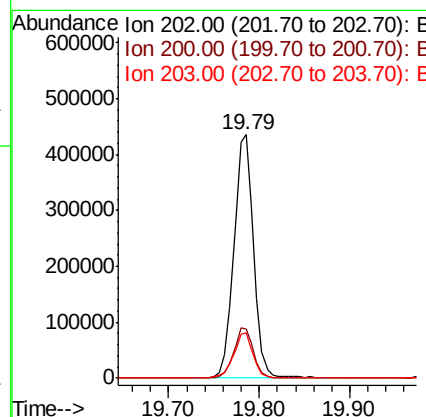
RT: 19.79 min Scan# 2842

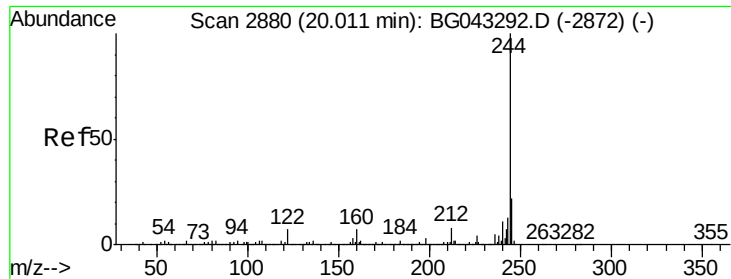
Delta R.T. 0.00 min

Lab File: BG043705.D

Acq: 19 Nov 2019 19:34

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.9	25.3
203	18.6	14.8	22.2





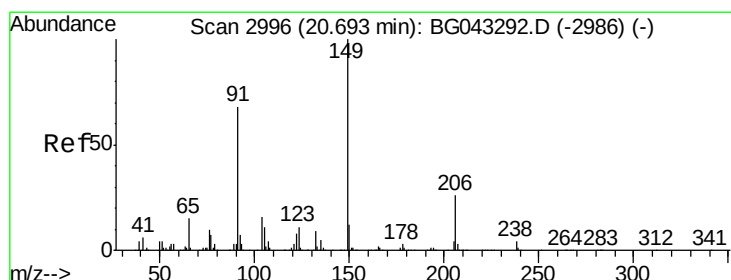
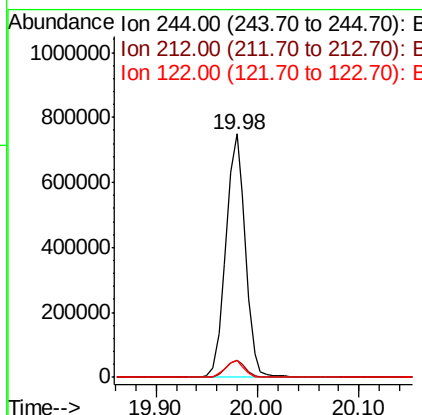
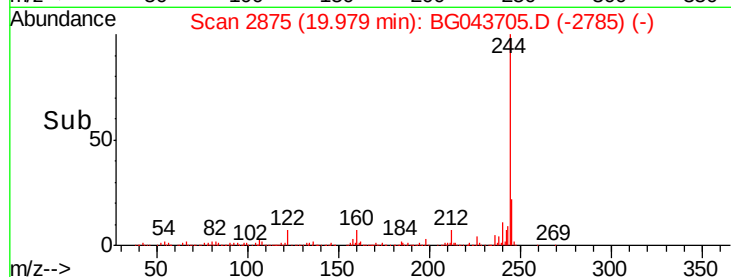
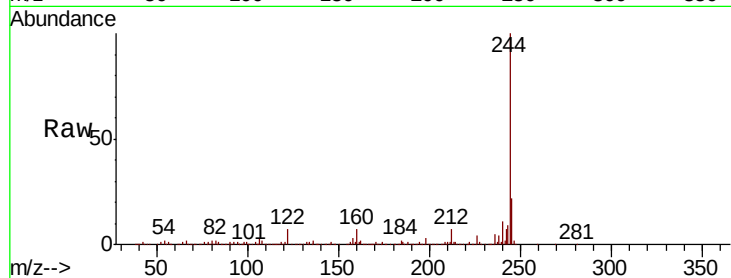
#79
 Terphenyl-d14
 Concen: 81.458 ng
 RT: 19.98 min Scan# 2875
 Delta R.T. -0.00 min
 Lab File: BG043705.D
 Acq: 19 Nov 2019 19:34

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

Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	7.2	5.6	8.4
122	6.9	5.2	7.8

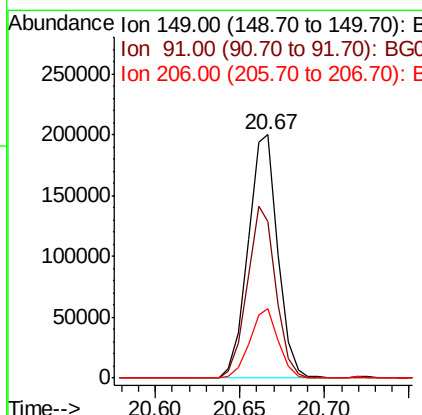
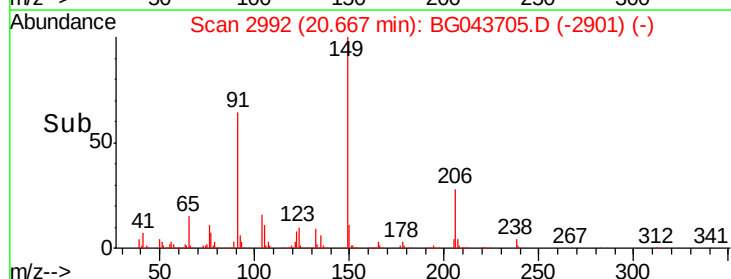
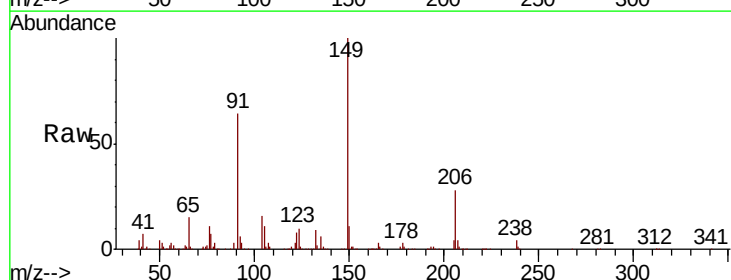
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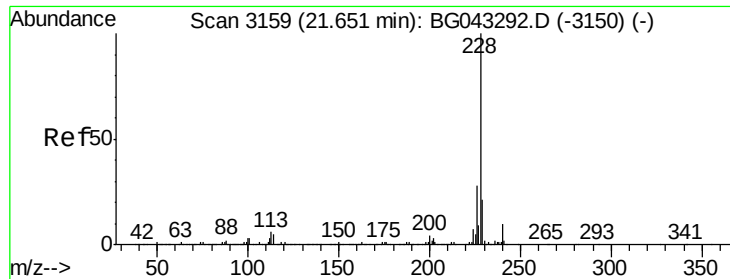
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#80
 Butylbenzylphthalate
 Concen: 45.589 ng
 RT: 20.67 min Scan# 2992
 Delta R.T. 0.00 min
 Lab File: BG043705.D
 Acq: 19 Nov 2019 19:34

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
91	64.4	55.4	83.0
206	28.4	20.2	30.4





#81

Benzo(a)anthracene

Concen: 47.061 ng

RT: 21.61 min Scan# 3153

Delta R.T. -0.00 min

Lab File: BG043705.D

Acq: 19 Nov 2019 19:34

Instrument :

BNA_G

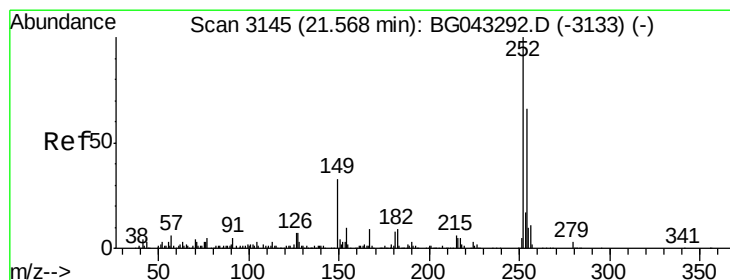
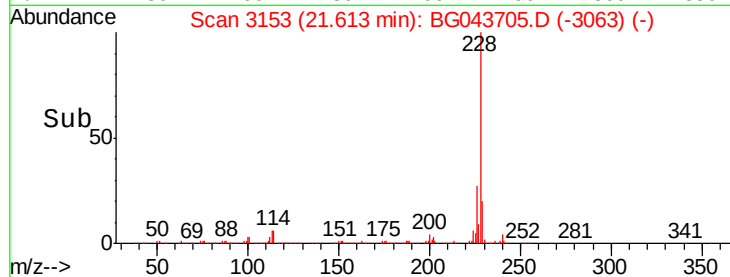
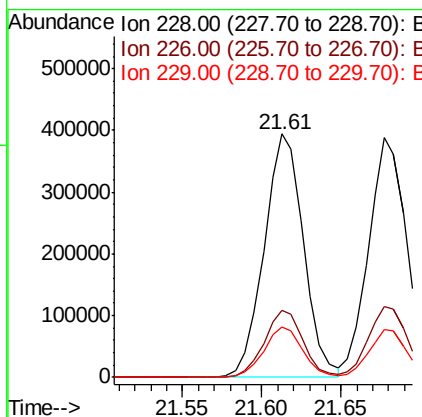
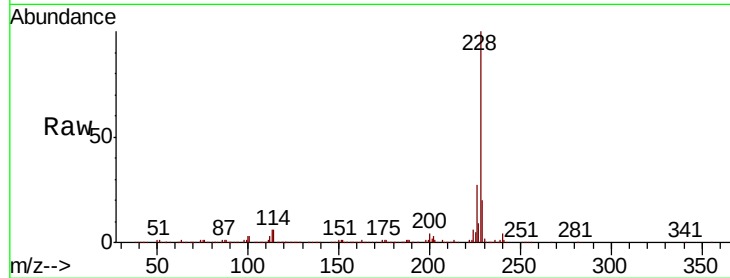
ClientSampleId :

2-(16-19)MSD

Tot Ion:	228	Resp:	678239
Ion Ratio	Lower	Upper	
228	100		
226	27.4	21.8	32.6
229	20.4	15.9	23.9

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#82

3,3'-Dichlorobenzidine

Concen: 26.885 ng

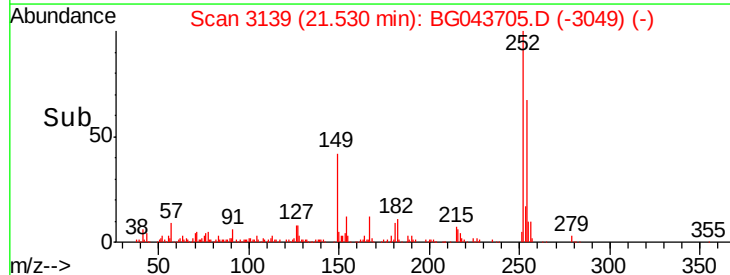
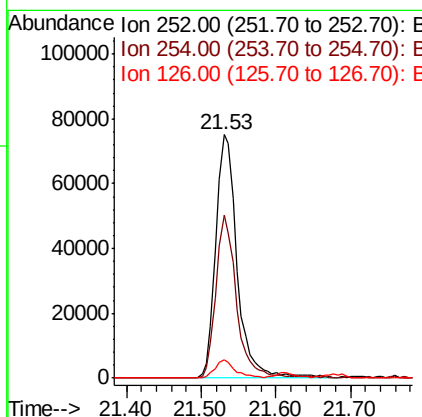
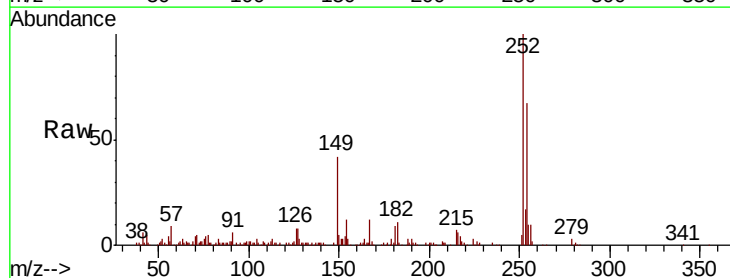
RT: 21.53 min Scan# 3139

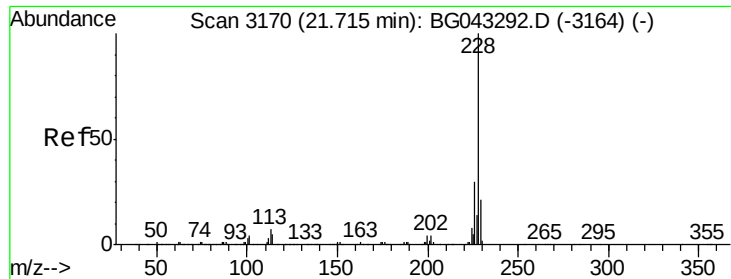
Delta R.T. -0.00 min

Lab File: BG043705.D

Acq: 19 Nov 2019 19:34

Tgt Ion:	252	Resp:	149865
Ion Ratio	Lower	Upper	
252	100		
254	66.9	50.2	75.4
126	7.6	5.4	8.0





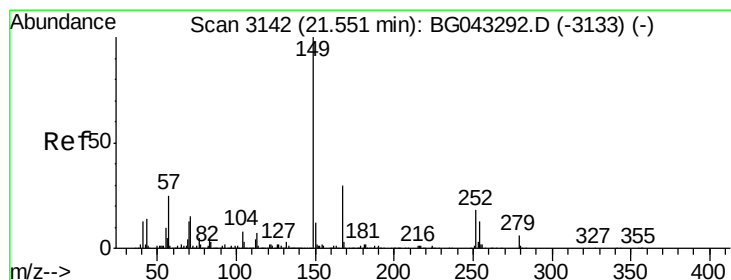
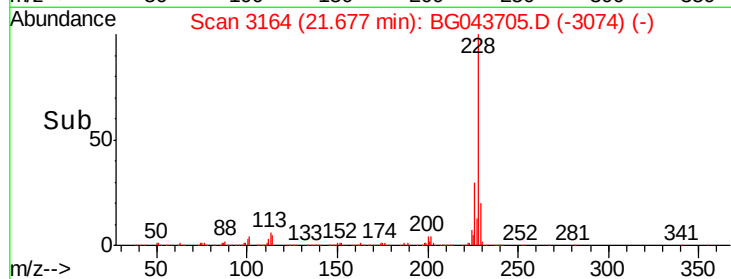
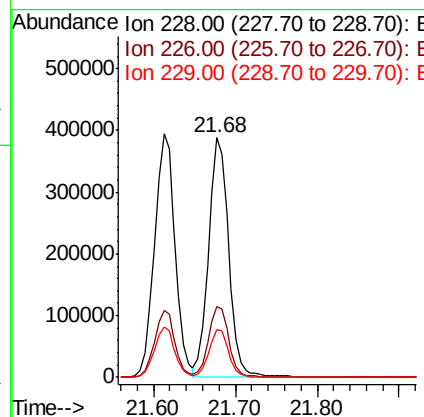
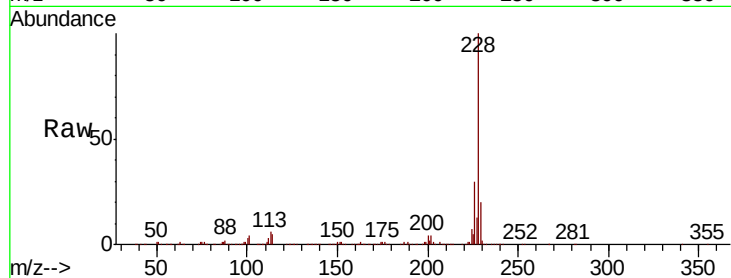
#83
 Chrysene
 Concen: 46.062 ng
 RT: 21.68 min Scan# 3164
 Delta R.T. -0.00 min
 Lab File: BG043705.D
 Acq: 19 Nov 2019 19:34

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

Tot Ion:	228	Resp:	659577
Ion Ratio	Lower	Upper	
228	100		
226	29.8	23.3	34.9
229	19.9	16.5	24.7

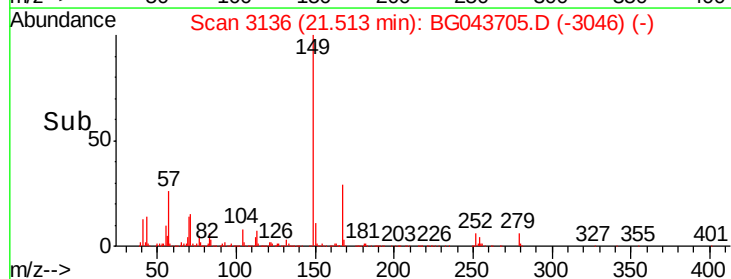
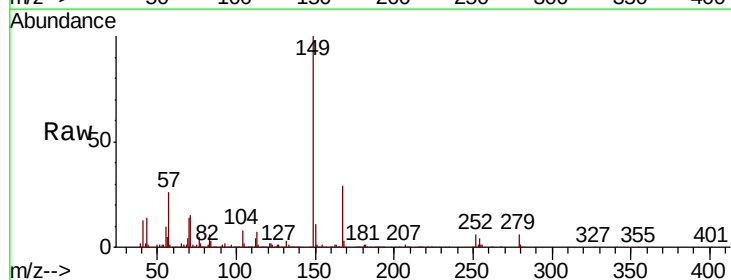
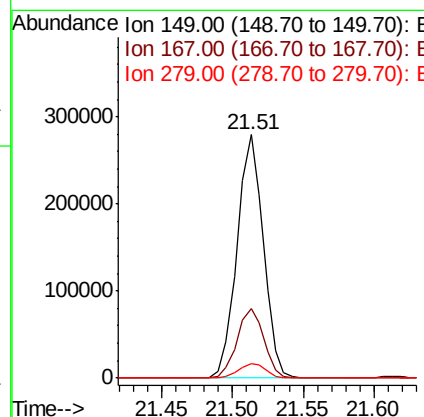
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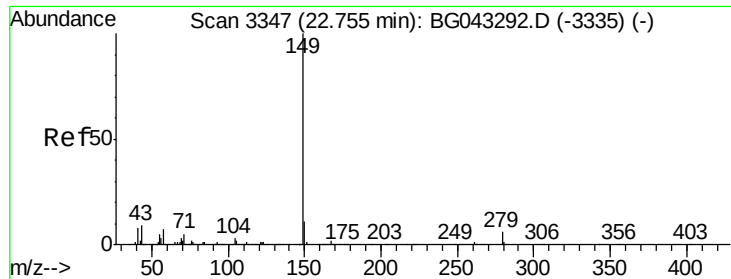
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.299 ng
 RT: 21.51 min Scan# 3136
 Delta R.T. -0.00 min
 Lab File: BG043705.D
 Acq: 19 Nov 2019 19:34

Tgt Ion:	149	Resp:	362519
Ion Ratio	Lower	Upper	
149	100		
167	28.8	24.8	37.2
279	5.9	5.4	8.0





#85

Di-n-octyl phthalate

Concen: 47.813 ng

RT: 22.71 min Scan# 3339

Delta R.T. -0.00 min

Lab File: BG043705.D

Acq: 19 Nov 2019 19:34

Instrument :

BNA_G

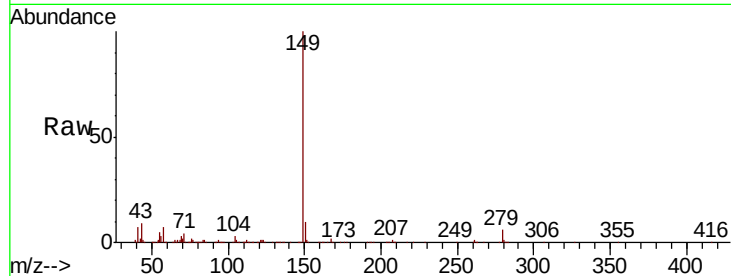
ClientSampleId :

2-(16-19)MSD

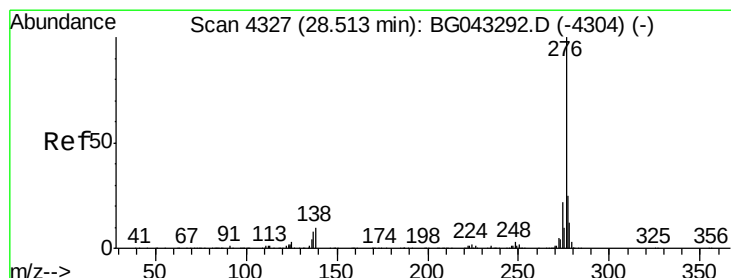
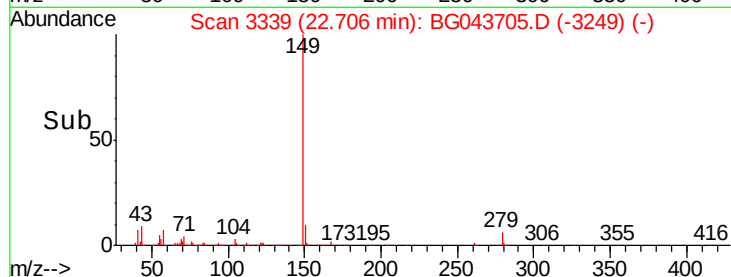
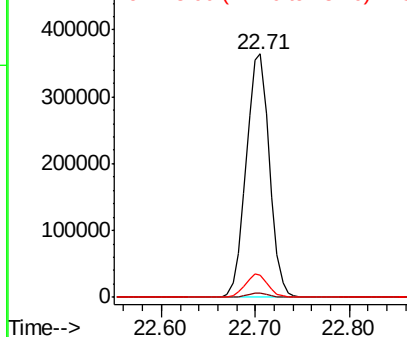
Tot Ion:	149	Resp:	621722
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.4	2.2
43	9.0	7.8	11.8

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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: 47.777 ng

RT: 28.43 min Scan# 4314

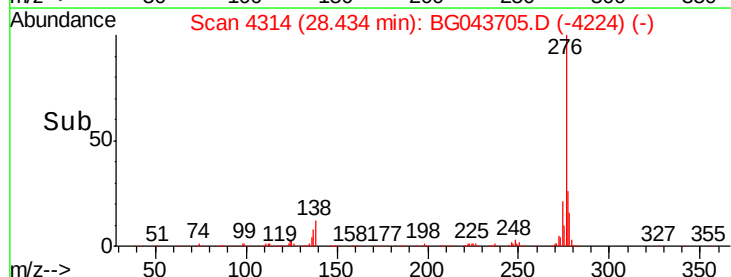
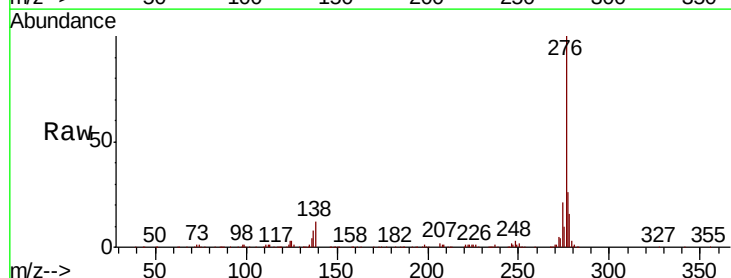
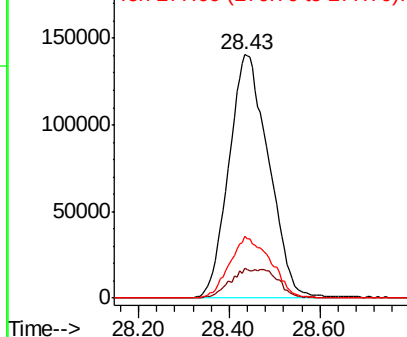
Delta R.T. -0.00 min

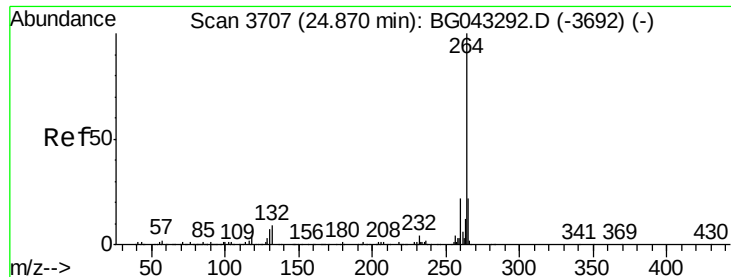
Lab File: BG043705.D

Acq: 19 Nov 2019 19:34

Tgt Ion:	276	Resp:	858769
Ion Ratio	Lower	Upper	
276	100		
138	6.9	11.3	16.9#
277	26.0	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





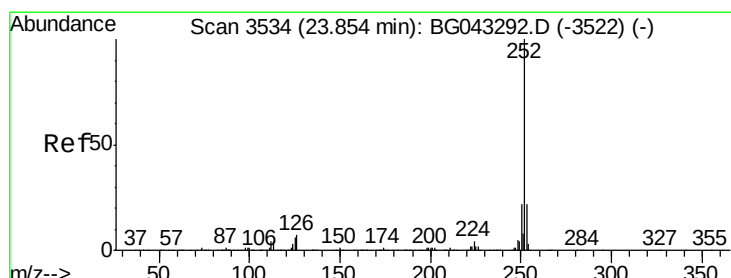
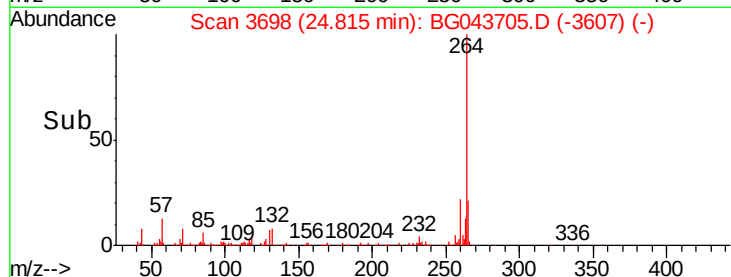
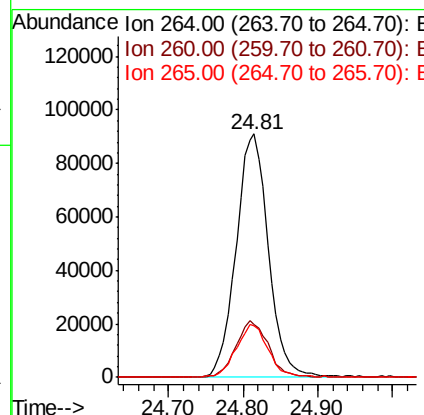
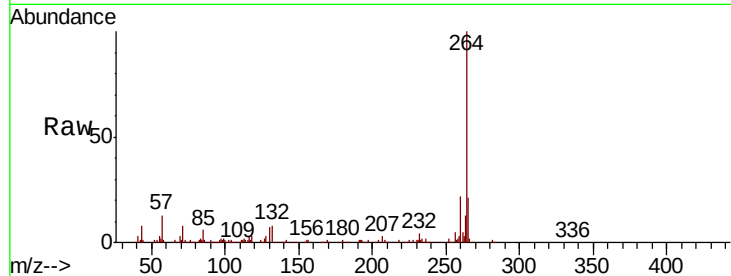
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.81 min Scan# 3698
Delta R.T. 0.00 min
Lab File: BG043705.D
Acq: 19 Nov 2019 19:34

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.6	18.4	27.6
265	21.2	15.8	23.8

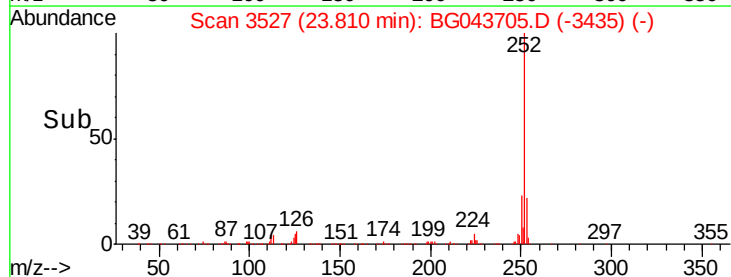
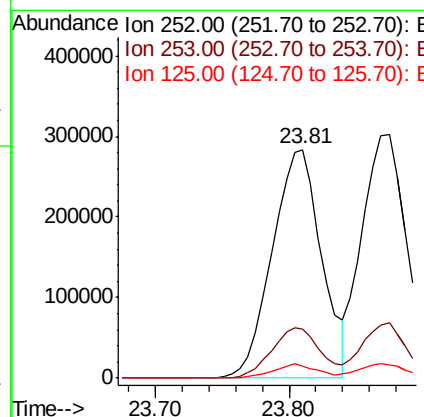
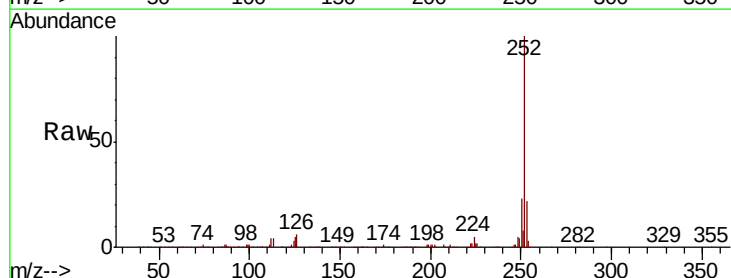
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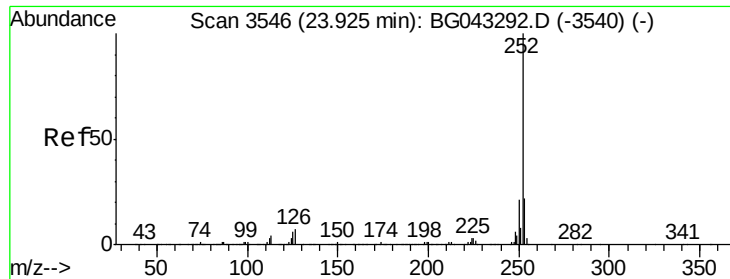
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#88
Benzo(b)fluoranthene
Concen: 46.938 ng
RT: 23.81 min Scan# 3527
Delta R.T. 0.01 min
Lab File: BG043705.D
Acq: 19 Nov 2019 19:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.7	26.5
125	5.0	4.5	6.7





#89

Benzo(k)fluoranthene

Concen: 45.725 ng

RT: 23.87 min Scan# 3538

Delta R.T. 0.00 min

Lab File: BG043705.D

Acq: 19 Nov 2019 19:34

Instrument :

BNA_G

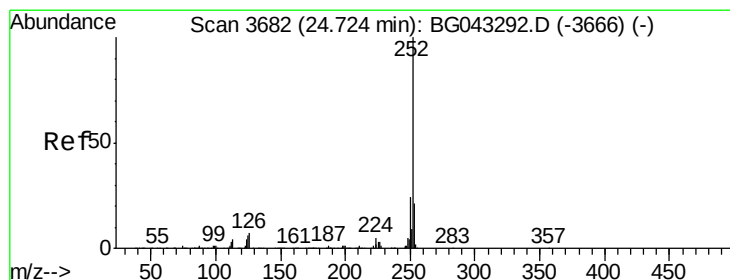
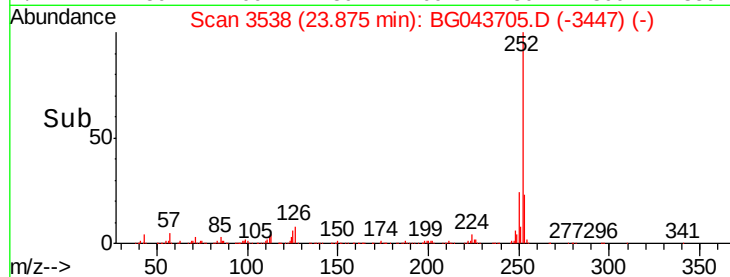
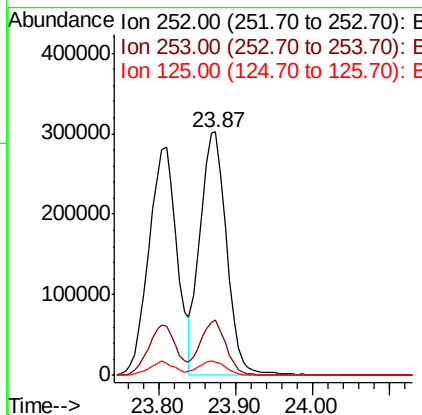
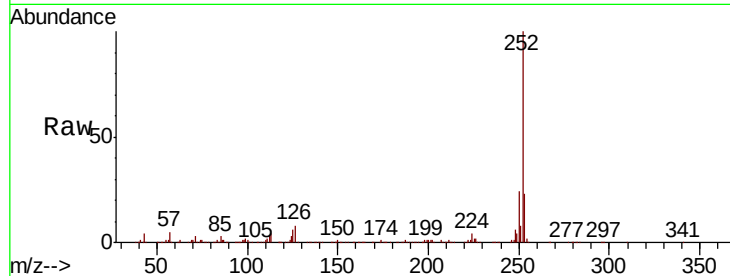
ClientSampleId :

2-(16-19)MSD

Tot Ion:	252	Resp:	712548
Ion Ratio	Lower	Upper	
252	100		
253	23.0	18.0	27.0
125	5.5	4.7	7.1

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#90

Benzo(a)pyrene

Concen: 45.395 ng

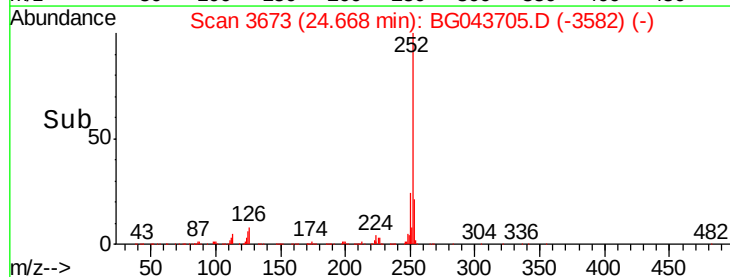
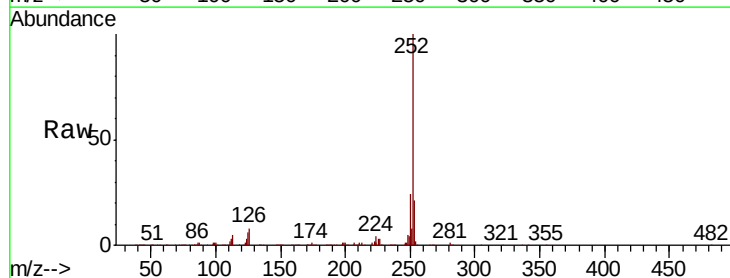
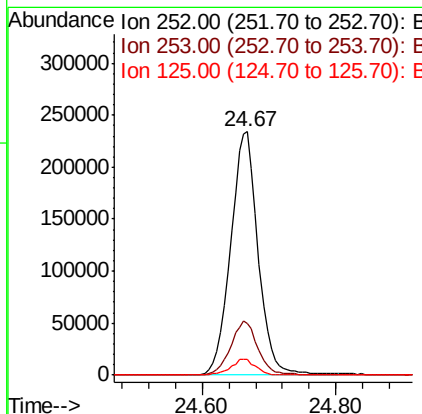
RT: 24.67 min Scan# 3673

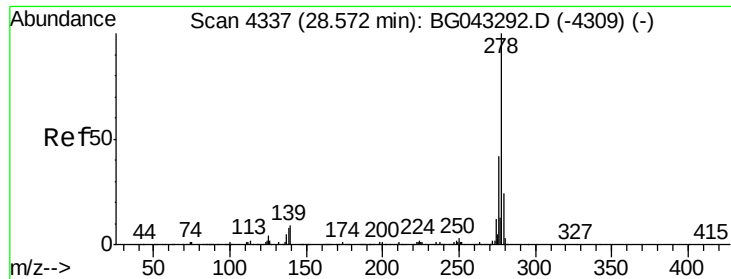
Delta R.T. 0.00 min

Lab File: BG043705.D

Acq: 19 Nov 2019 19:34

Tgt Ion:	252	Resp:	671014
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.9	26.9
125	6.4	5.0	7.6





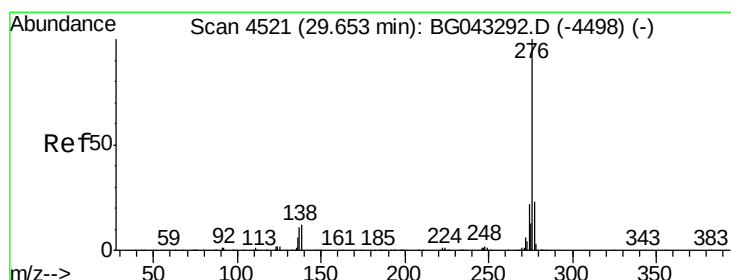
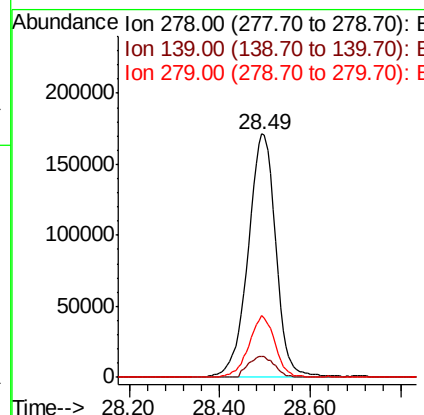
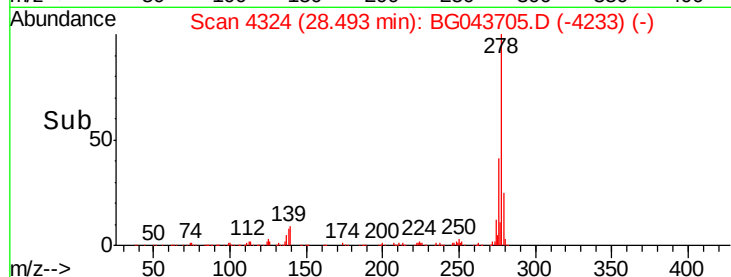
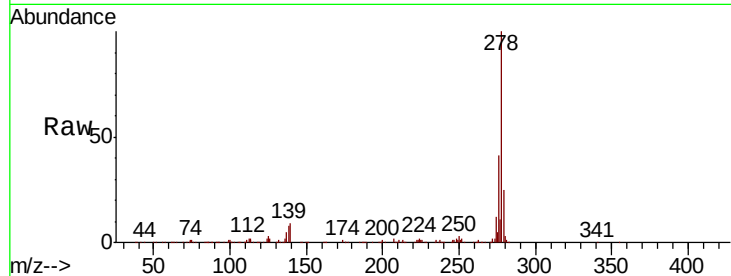
#91
Dibenzo(a,h)anthracene
Concen: 47.938 ng
RT: 28.49 min Scan# 4324
Delta R.T. 0.00 min
Lab File: BG043705.D
Acq: 19 Nov 2019 19:34

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

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.6	7.2	10.8
279	25.2	19.0	28.4

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#92
Benzo(g,h,i)perylene
Concen: 48.204 ng
RT: 29.57 min Scan# 4508
Delta R.T. -0.00 min
Lab File: BG043705.D
Acq: 19 Nov 2019 19:34

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.5	19.8	29.6
138	12.9	9.7	14.5

