

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111919\
 Data File : BG043719.D
 Acq On : 20 Nov 2019 5:59
 Operator : JU
 Sample : K5670-08MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-111219MSD

Manual Integrations
 APPROVED

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

Quant Time: Nov 20 07:59:44 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	31675	20.00	ng	0.00
21) Naphthalene-d8	10.79	136	124528	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	87433	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	212335	20.00	ng	0.00
76) Chrysene-d12	21.63	240	221713	20.00	ng	0.00
87) Perylene-d12	24.81	264	245295	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	252930	146.32	ng	0.00
7) Phenol-d6	7.19	99	354733	142.64	ng	0.00
23) Nitrobenzene-d5	9.16	82	212221	87.86	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	221862	133.34	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	570256	90.12	ng	0.00
79) Terphenyl-d14	19.98	244	1137389	96.24	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.46	88	23392	34.726	ng	# 47
3) Pyridine	3.87	79	62197	36.604	ng	99
4) n-Nitrosodimethylamine	3.77	42	42051	49.043	ng	# 91
6) Aniline	7.32	93	41754	14.574	ng	96
8) 2-Chlorophenol	7.57	128	96026	50.325	ng	98
9) Benzaldehyde	7.13	77	16158	13.220	ng	95
10) Phenol	7.21	94	136376	60.009	ng	94
11) bis(2-Chloroethyl)ether	7.41	93	75999	43.254	ng	94
12) 1,3-Dichlorobenzene	7.88	146	84497	35.344	ng	99
13) 1,4-Dichlorobenzene	8.02	146	88427	36.558	ng	96
14) 1,2-Dichlorobenzene	8.35	146	85925	36.382	ng	99
15) Benzyl Alcohol	8.24	79	87344	50.007	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.51	45	108349	42.409	ng	100
17) 2-Methylphenol	8.46	107	84915	51.255	ng	94
18) Hexachloroethane	9.07	117	31006	35.529	ng	90
19) n-Nitroso-di-n-propylamine	8.79	70	72720	45.251	ng	96
20) 3+4-Methylphenols	8.79	107	114015	50.187	ng	93
22) Acetophenone	8.82	105	142001	44.528	ng	99
24) Nitrobenzene	9.20	77	109160	47.440	ng	93
25) Isophorone	9.72	82	207862	47.069	ng	98
26) 2-Nitrophenol	9.91	139	55489	49.950	ng	97
27) 2,4-Dimethylphenol	9.98	122	91705	57.597	ng	98
28) bis(2-Chloroethoxy)methane	10.20	93	110350	45.275	ng	98
29) 2,4-Dichlorophenol	10.47	162	104664	51.305	ng	96
30) 1,2,4-Trichlorobenzene	10.66	180	104722	40.729	ng	93
31) Naphthalene	10.84	128	279792	44.264	ng	98
32) Benzoic acid	10.17	122	55757	46.266	ng	92
33) 4-Chloroaniline	10.98	127	8191	3.161	ng	# 91
34) Hexachlorobutadiene	11.13	225	73622	38.735	ng	100
35) Caprolactam	11.75	113	32507m	46.267	ng	
36) 4-Chloro-3-methylphenol	12.11	107	111413	50.068	ng	97
37) 2-Methylnaphthalene	12.45	142	225003	46.393	ng	99
38) 1-Methylnaphthalene	12.67	142	211843	45.907	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	144169	44.555	ng	99

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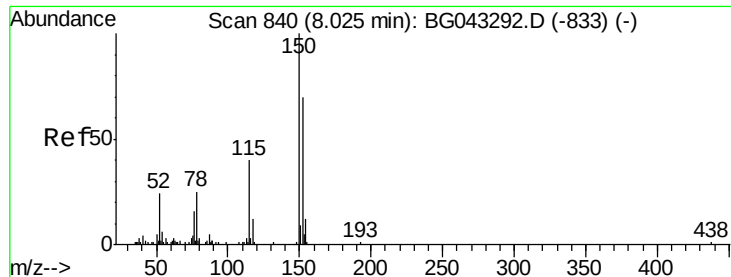
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.79	237	120934	71.147	nq	96
43) 2,4,6-Trichlorophenol	13.06	196	98808	51.852	nq	96
44) 2,4,5-Trichlorophenol	13.16	196	106503	55.283	nq	98
46) 1,1'-Biphenyl	13.45	154	305631	45.950	nq	97
47) 2-Chloronaphthalene	13.50	162	235017	46.438	nq	95
48) 2-Nitroaniline	13.71	65	73328	48.478	nq	97
49) Acenaphthylene	14.35	152	382007	48.500	nq	100
50) Dimethylphthalate	14.08	163	380441	56.176	nq	98
51) 2,6-Dinitrotoluene	14.20	165	73695	50.090	nq	95
52) Acenaphthene	14.69	154	230738	48.037	nq	99
53) 3-Nitroaniline	14.54	138	28462	20.037	nq	95
54) 2,4-Dinitrophenol	14.75	184	84865	91.245	nq	92
55) Dibenzofuran	15.02	168	384402	49.349	nq	97
56) 4-Nitrophenol	14.88	139	100297	105.364	nq	83
57) 2,4-Dinitrotoluene	14.99	165	104148	49.533	nq	97
58) Fluorene	15.67	166	324606	49.686	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	104004	50.813	nq	# 99
60) Diethylphthalate	15.44	149	322741	47.429	nq	98
61) 4-Chlorophenyl-phenylether	15.66	204	183128	48.049	nq	100
62) 4-Nitroaniline	15.71	138	64493	43.963	nq	95
63) Azobenzene	15.96	77	268727	48.796	nq	98
65) 4,6-Dinitro-2-methylphenol	15.76	198	63594	50.892	nq	98
66) n-Nitrosodiphenylamine	15.88	169	284840	47.515	nq	99
67) 4-Bromophenyl-phenylether	16.55	248	130524	45.677	nq	94
68) Hexachlorobenzene	16.68	284	145593	44.387	nq	96
69) Atrazine	16.83	200	118444	56.861	nq	96
70) Pentachlorophenol	17.03	266	149859	100.265	nq	96
71) Phenanthrene	17.41	178	506062	46.542	nq	98
72) Anthracene	17.50	178	519937	47.794	nq	100
73) Carbazole	17.78	167	461003	46.795	nq	100
74) Di-n-butylphthalate	18.32	149	547965	45.842	nq	99
75) Fluoranthene	19.42	202	662813	46.758	nq	99
77) Benzidine	19.61	184	34964	7.836	nq	98
78) Pyrene	19.78	202	664821	48.443	nq	99
80) Butylbenzylphthalate	20.66	149	256107	49.257	nq	98
81) Benzo(a)anthracene	21.61	228	687622	49.512	nq	99
82) 3,3'-Dichlorobenzidine	21.53	252	132110	24.594	nq	98
83) Chrysene	21.68	228	666011	48.266	nq	100
84) Bis(2-ethylhexyl)phthalate	21.51	149	366230	49.586	nq	100
85) Di-n-octyl phthalate	22.70	149	627483	50.076	nq	98
86) Indeno(1,2,3-cd)pyrene	28.44	276	864752	49.925	nq	# 94
88) Benzo(b)fluoranthene	23.81	252	710504	51.142	nq	100
89) Benzo(k)fluoranthene	23.87	252	734967	52.551	nq	98
90) Benzo(a)pyrene	24.66	252	661994	49.899	nq	100
91) Dibenzo(a,h)anthracene	28.49	278	737642	54.359	nq	99
92) Benzo(g,h,i)perylene	29.57	276	729610	54.509	nq	97

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



#1

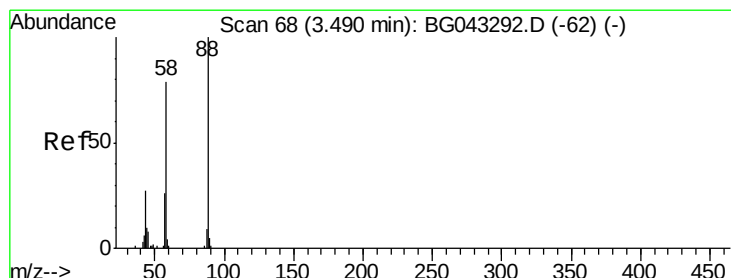
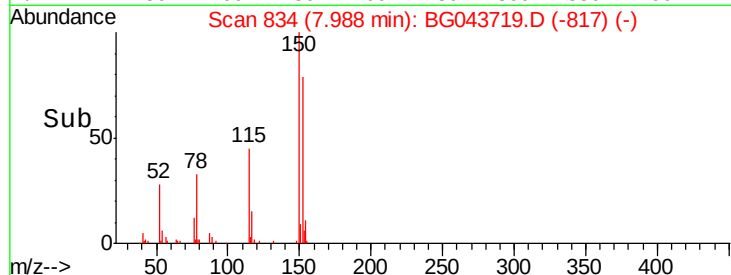
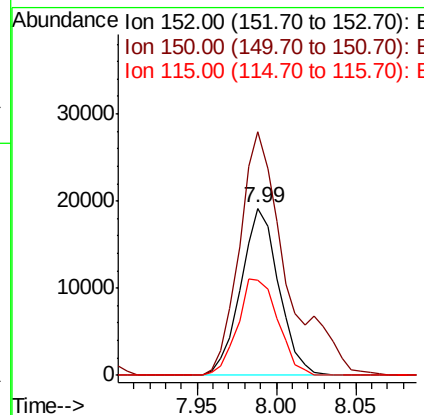
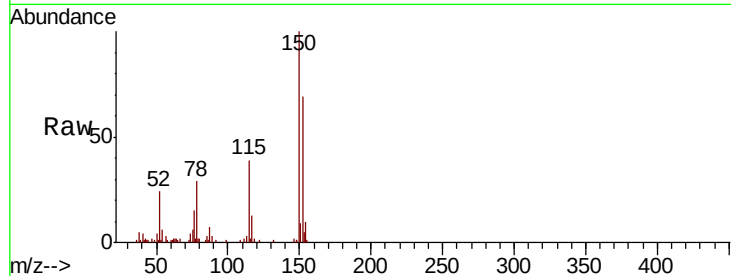
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.00 min
Lab File: BG043719.D
Acq: 20 Nov 2019 5:59

Instrument :
BNA_G
ClientSampleId :
OK-03-111219MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.7	116.6	175.0
115	57.1	40.5	60.7

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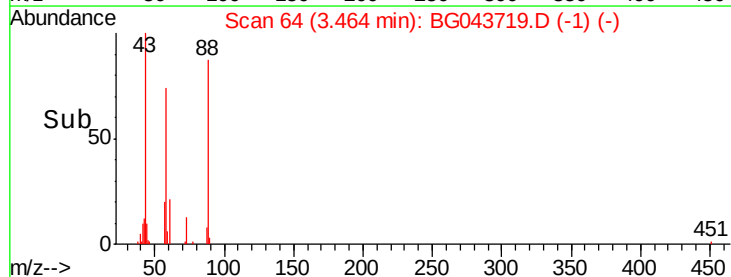
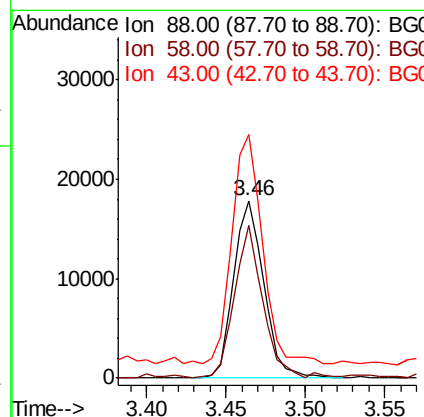
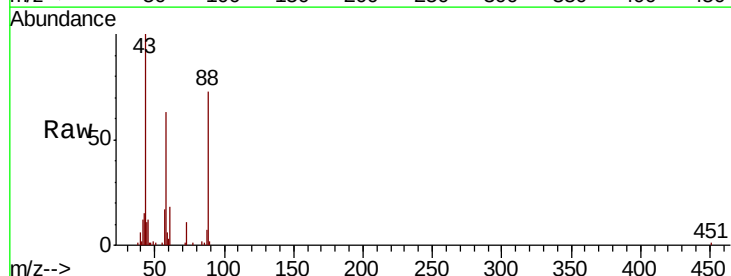
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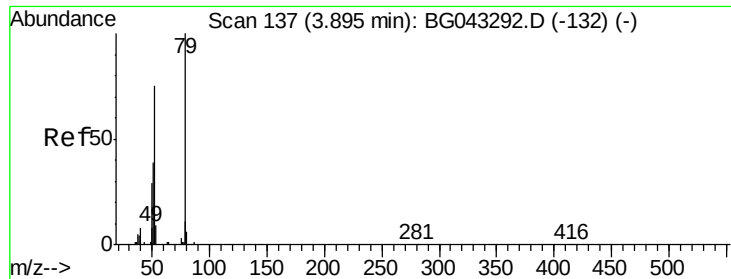


#2

1,4-Dioxane
Concen: 34.726 ng
RT: 3.46 min Scan# 64
Delta R.T. 0.02 min
Lab File: BG043719.D
Acq: 20 Nov 2019 5:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.5	62.2	93.4
43	130.8	30.1	45.1





#3

Pvridine

Concen: 36.604 ng

RT: 3.87 min Scan# 133

Delta R.T. 0.02 min

Lab File: BG043719.D

Acq: 20 Nov 2019 5:59

Instrument :

BNA_G

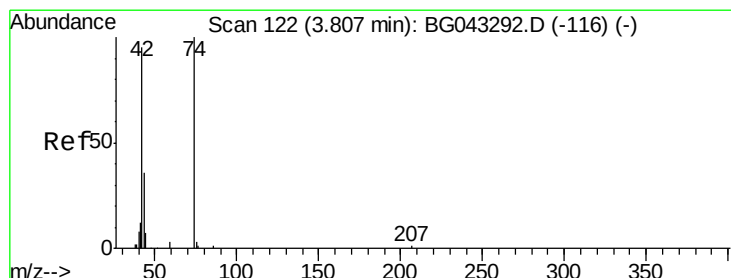
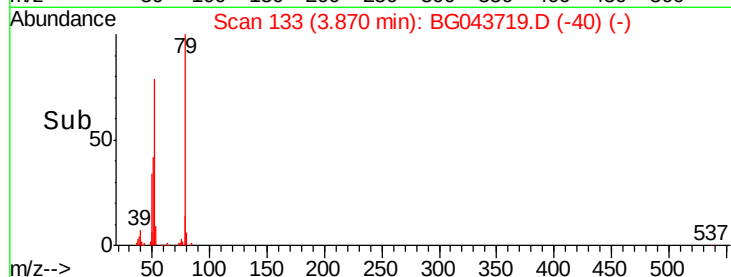
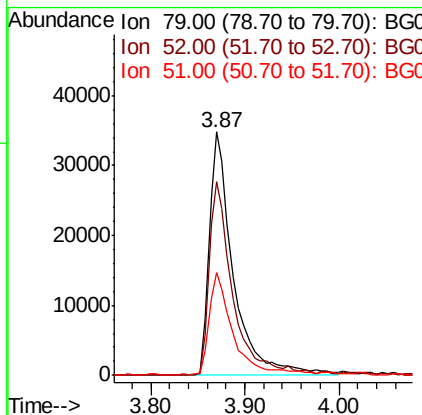
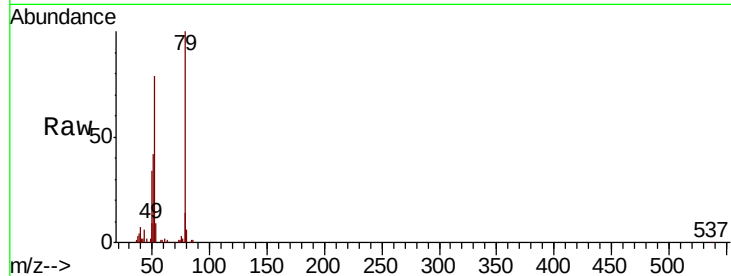
ClientSampleId :

OK-03-111219MSD

Tot Ion:	79	Resp:	62197
Ion Ratio	Lower	Upper	
79	100		
52	79.4	63.2	94.8
51	42.5	34.5	51.7

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#4

n-Nitrosodimethylamine

Concen: 49.043 ng

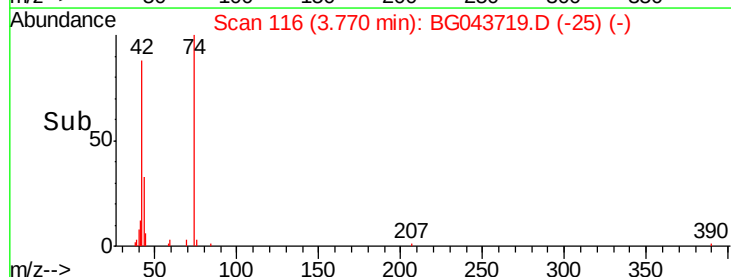
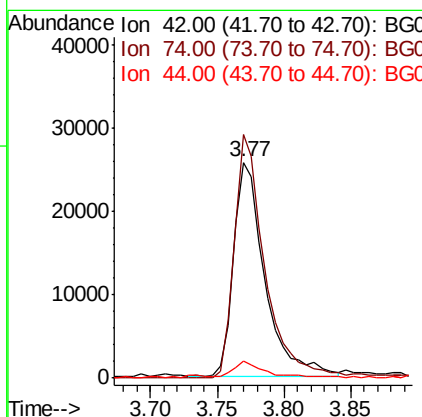
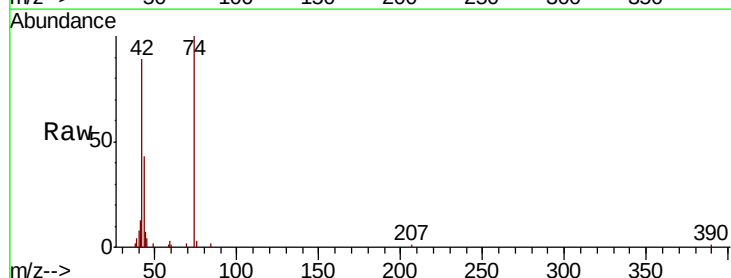
RT: 3.77 min Scan# 116

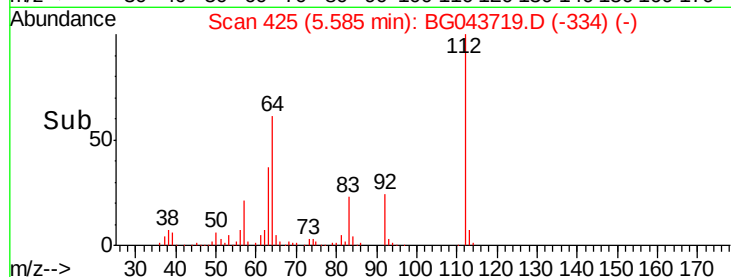
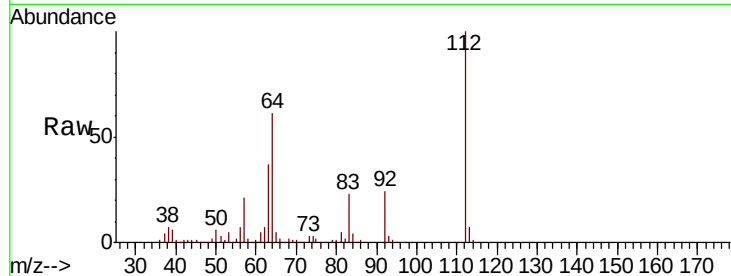
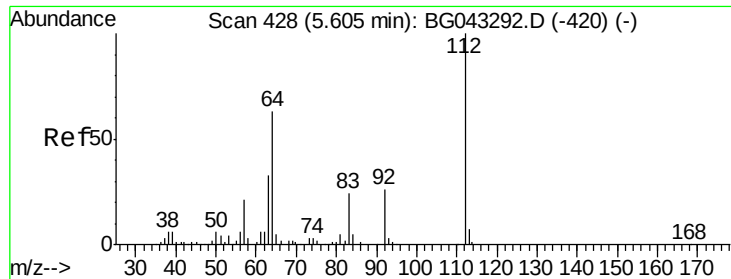
Delta R.T. 0.00 min

Lab File: BG043719.D

Acq: 20 Nov 2019 5:59

Tgt Ion:	42	Resp:	42051
Ion Ratio	Lower	Upper	
42	100		
74	112.7	83.0	124.6
44	7.9	4.4	6.6#





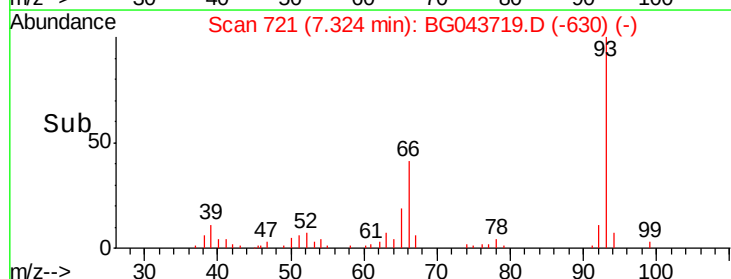
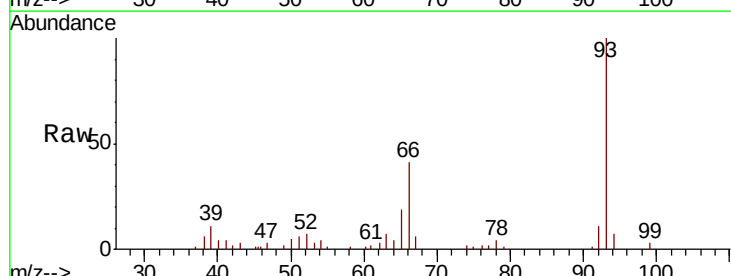
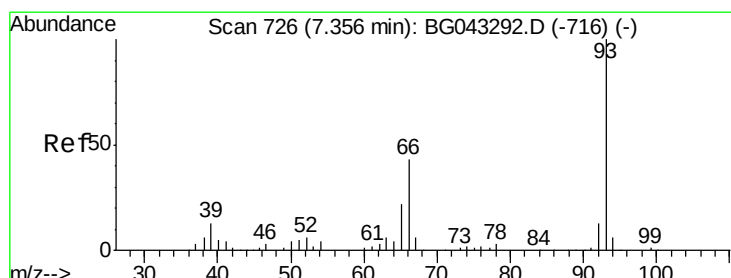
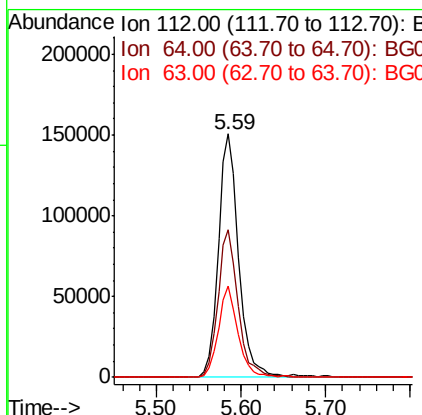
#5
2-Fluorophenol
Concen: 146.324 ng
RT: 5.59 min Scan# 425
Delta R.T. 0.00 min
Lab File: BG043719.D
Acq: 20 Nov 2019 5:59

Tot Ion	Ratio	Resp	Lower	Upper
112	100	252930		
64	60.6	50.6	75.8	
63	37.3	30.5	45.7	

Instrument :
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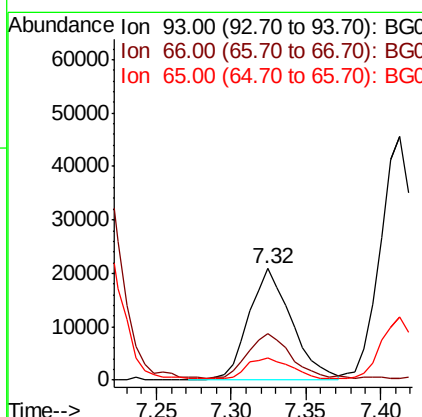
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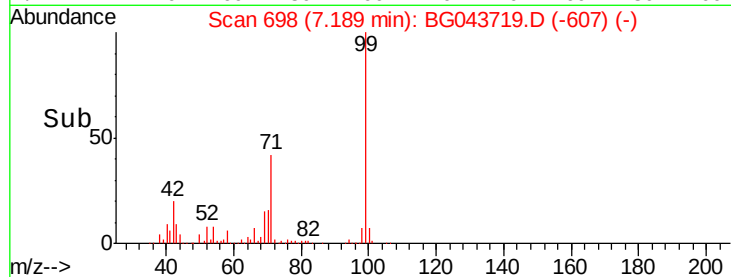
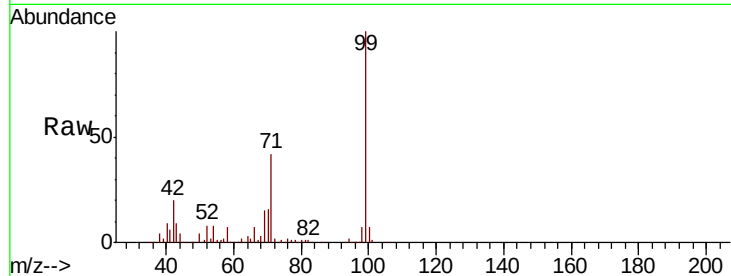
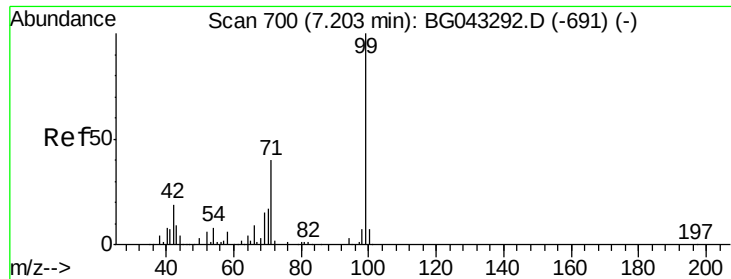
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#6
Aniline
Concen: 14.574 ng
RT: 7.32 min Scan# 721
Delta R.T. 0.00 min
Lab File: BG043719.D
Acq: 20 Nov 2019 5:59

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	41754		
66	41.3	35.4	53.2	
65	19.4	17.1	25.7	





#7

Phenol-d6

Concen: 142.635 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG043719.D

Acq: 20 Nov 2019 5:59

Tot Ion:	99	Resp:	354733
Ion Ratio	Lower	Upper	
99	100		
42	20.0	15.8	23.8
71	41.6	34.4	51.6

Instrument :

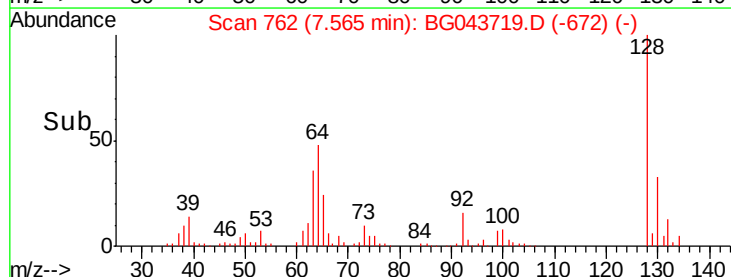
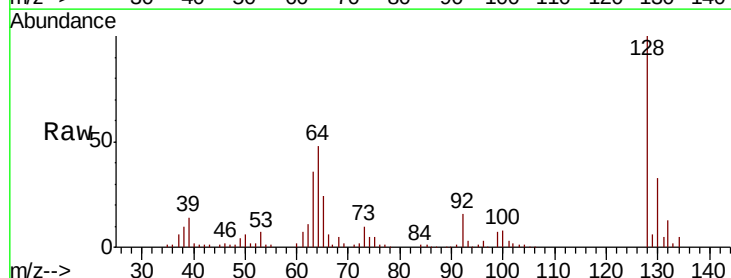
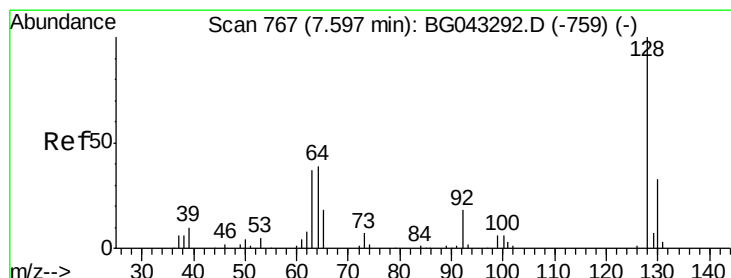
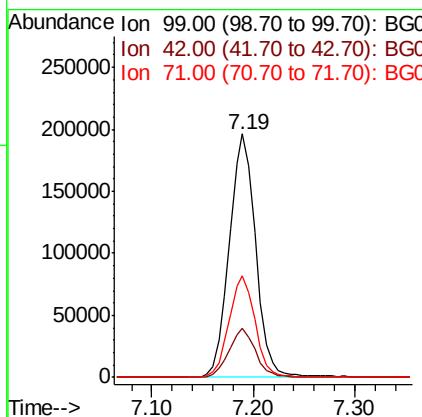
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ClientSampleId :

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#8

2-Chlorophenol

Concen: 50.325 ng

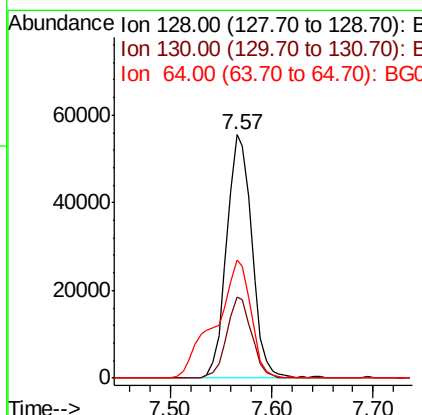
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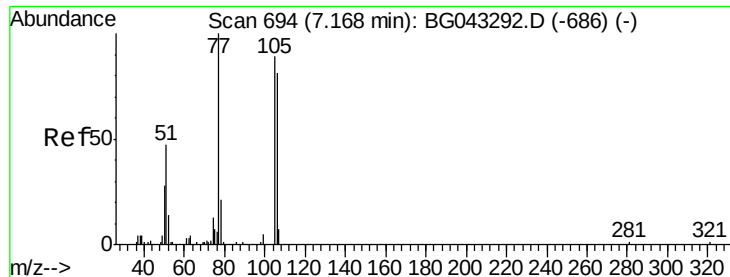
Delta R.T. -0.00 min

Lab File: BG043719.D

Acq: 20 Nov 2019 5:59

Tgt Ion:	128	Resp:	96026
Ion Ratio	Lower	Upper	
128	100		
130	33.2	14.5	54.5
64	48.4	29.2	69.2





#9

Benzaldehyde

Concen: 13.220 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.00 min

Lab File: BG043719.D

Acq: 20 Nov 2019 5:59

Instrument :

BNA_G

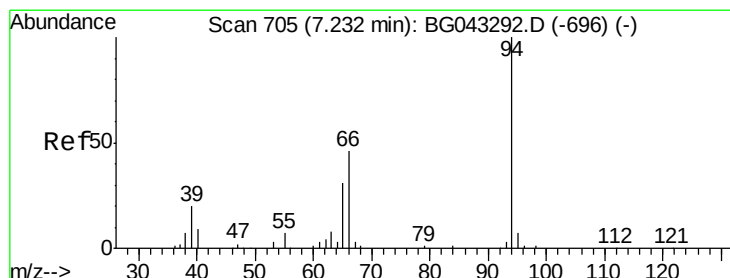
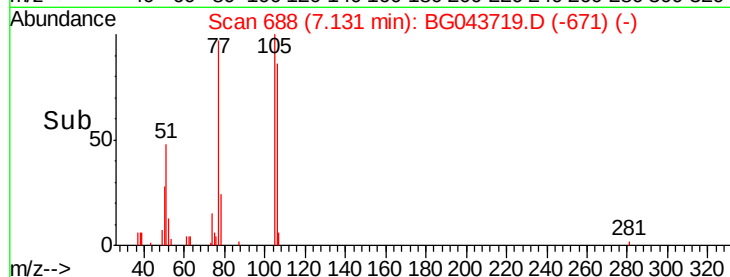
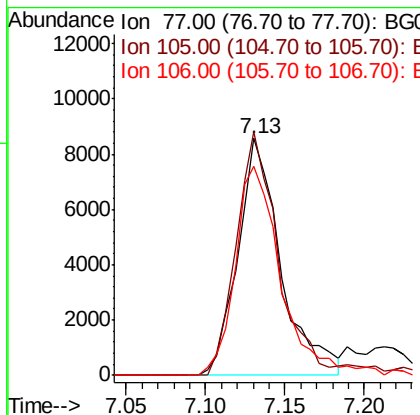
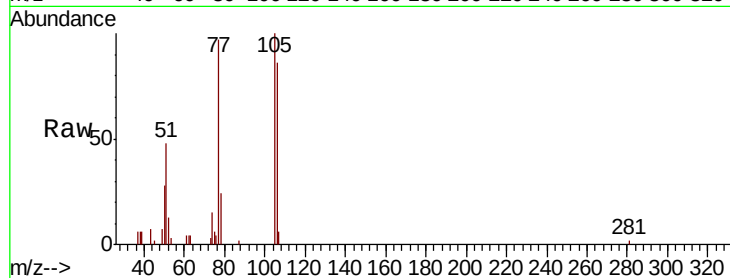
ClientSampleId :

OK-03-111219MSD

Tot Ion:	77	Resp:	16158
Ion	Ratio	Lower	Upper
77	100		
105	102.7	84.9	124.9
106	88.2	75.1	115.1

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#10

Phenol

Concen: 60.009 ng

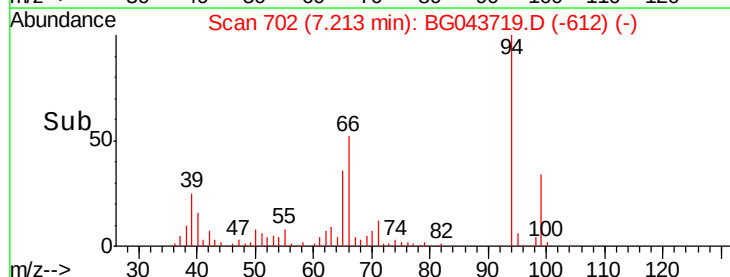
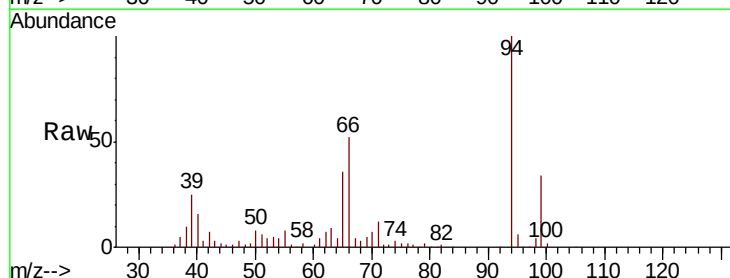
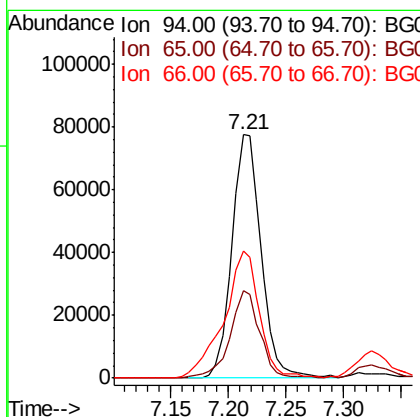
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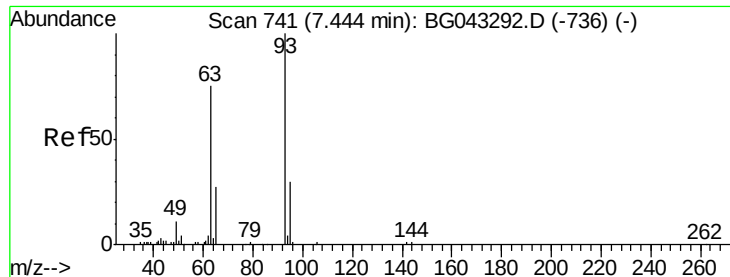
Delta R.T. -0.00 min

Lab File: BG043719.D

Acq: 20 Nov 2019 5:59

Tgt Ion:	94	Resp:	136376
Ion	Ratio	Lower	Upper
94	100		
65	35.9	11.4	51.4
66	52.0	28.4	68.4





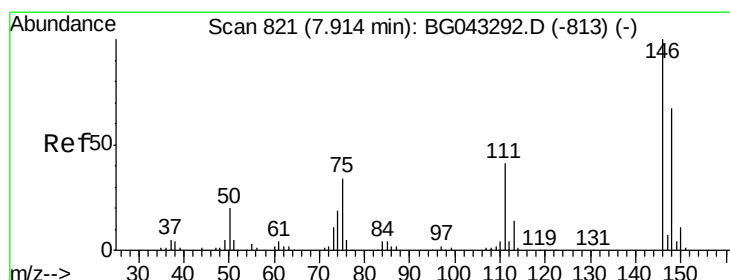
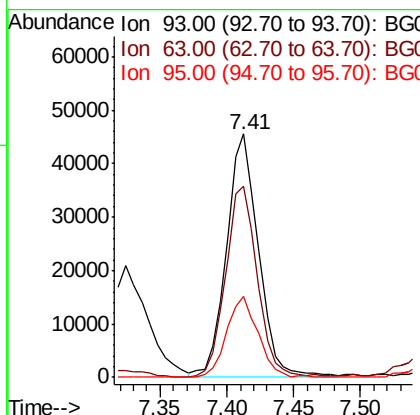
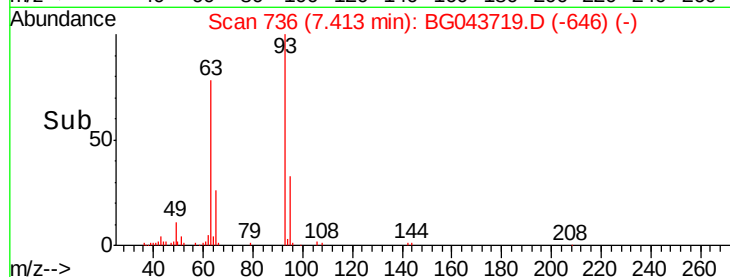
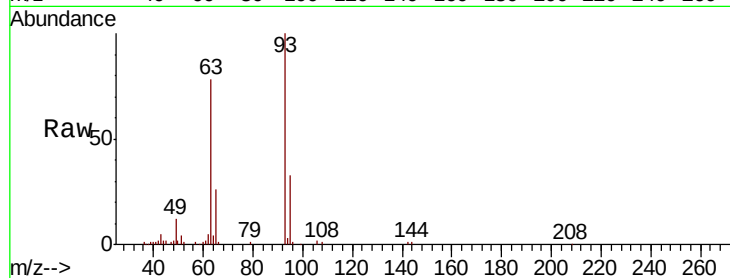
#11
bis(2-Chloroethyl)ether
Concen: 43.254 ng
RT: 7.41 min Scan# 736
Delta R.T. -0.00 min
Lab File: BG043719.D
Acq: 20 Nov 2019 5:59

Instrument :
BNA_G
ClientSampleId :
OK-03-111219MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	78.4	54.9	94.9
95	33.1	7.2	47.2

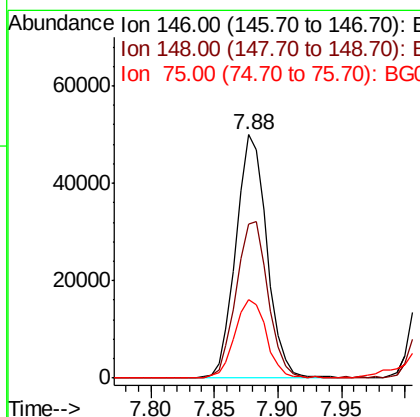
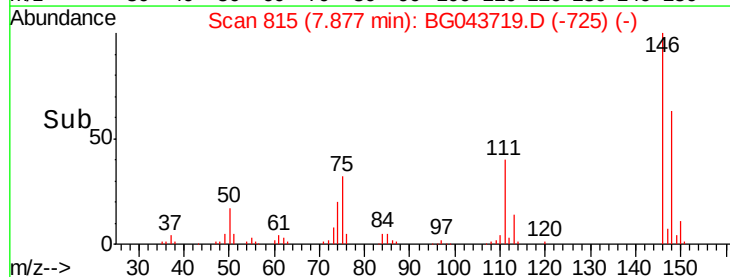
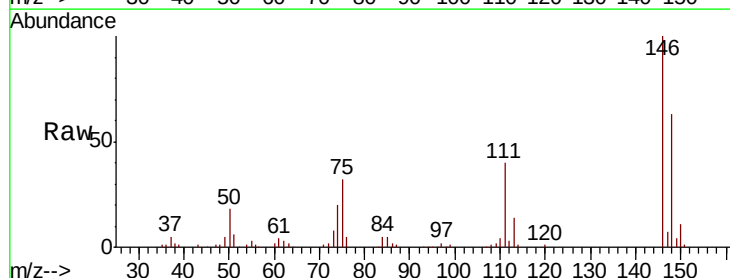
Manual Integrations
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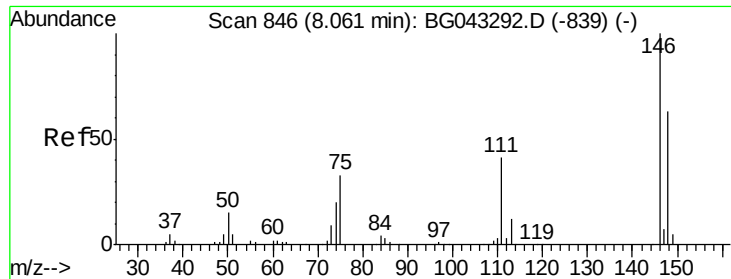
mohammad
11/21/2019 9:04:21 AM



#12
1,3-Dichlorobenzene
Concen: 35.344 ng
RT: 7.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BG043719.D
Acq: 20 Nov 2019 5:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.4	77.2
75	32.1	26.2	39.2





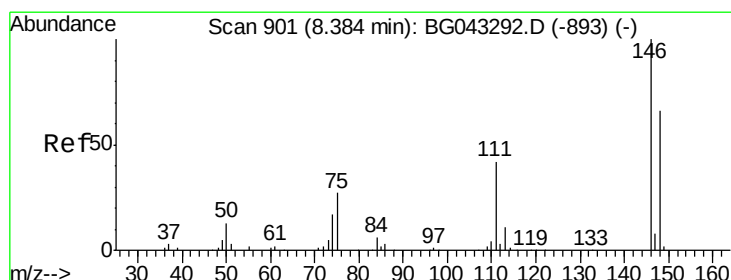
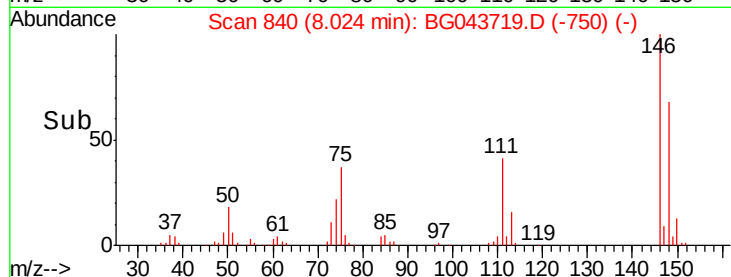
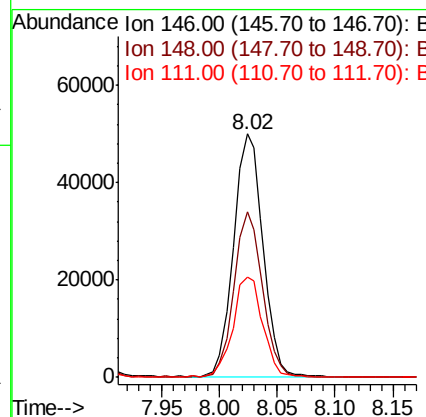
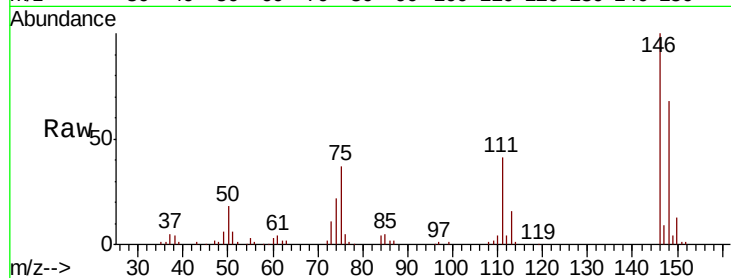
#13
 1,4-Dichlorobenzene
 Concen: 36.558 ng
 RT: 8.02 min Scan# 840
 Delta R.T. -0.00 min
 Lab File: BG043719.D
 Acq: 20 Nov 2019 5:59

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-111219MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	67.9	51.0	76.6
111	41.4	34.3	51.5

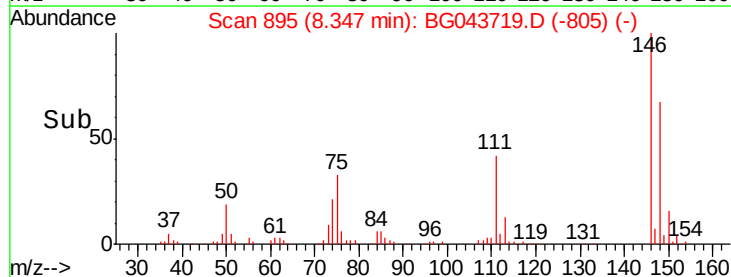
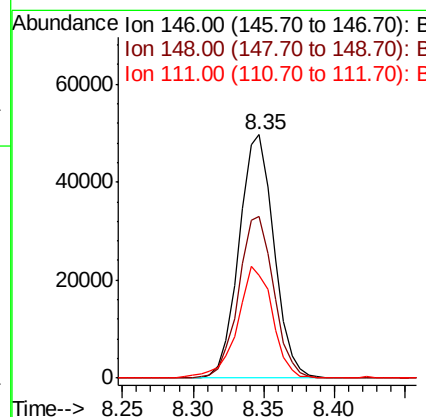
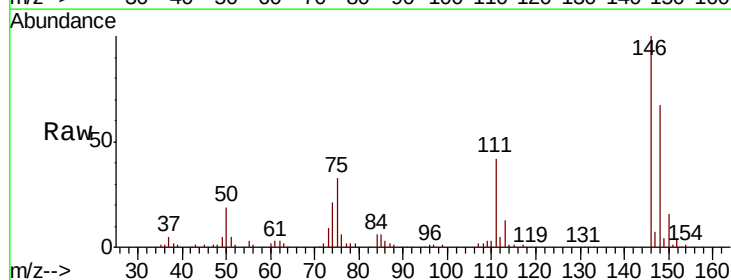
Manual Integrations
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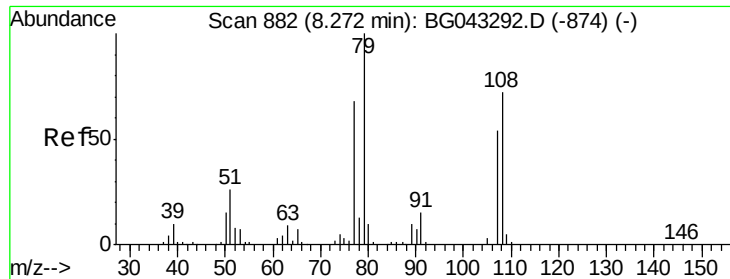
mohammad
 11/21/2019 9:04:21 AM



#14
 1,2-Dichlorobenzene
 Concen: 36.382 ng
 RT: 8.35 min Scan# 895
 Delta R.T. -0.00 min
 Lab File: BG043719.D
 Acq: 20 Nov 2019 5:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.6	53.4	80.2
111	42.3	35.3	52.9





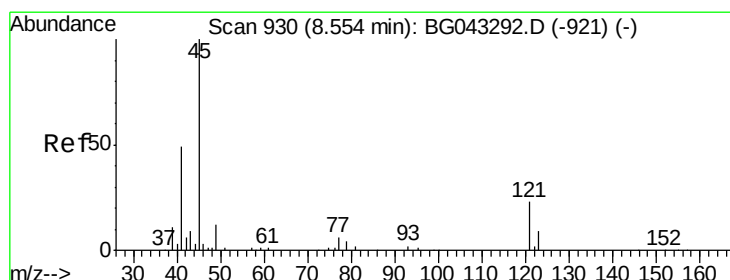
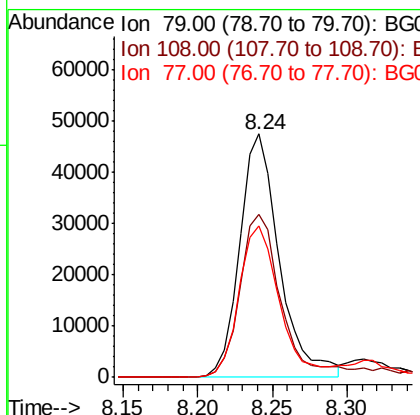
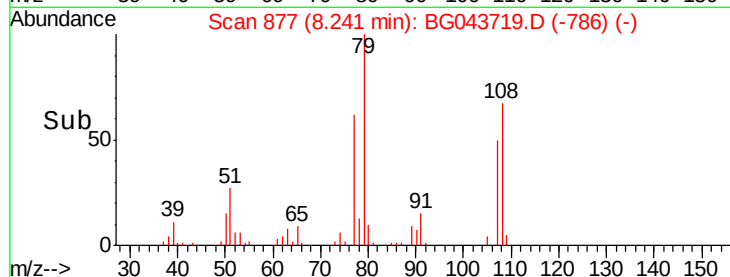
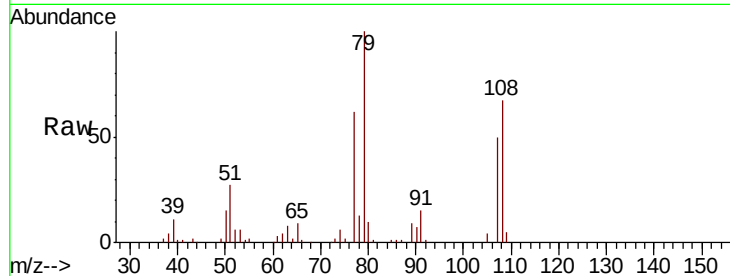
#15
Benzyl Alcohol
Concen: 50.007 ng
RT: 8.24 min Scan# 877
Delta R.T. 0.00 min
Lab File: BG043719.D
Acq: 20 Nov 2019 5:59

Instrument :
BNA_G
ClientSampleId :
OK-03-111219MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	67.2	56.0	84.0
77	62.2	47.9	71.9

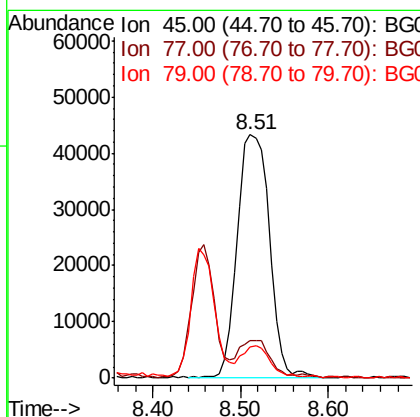
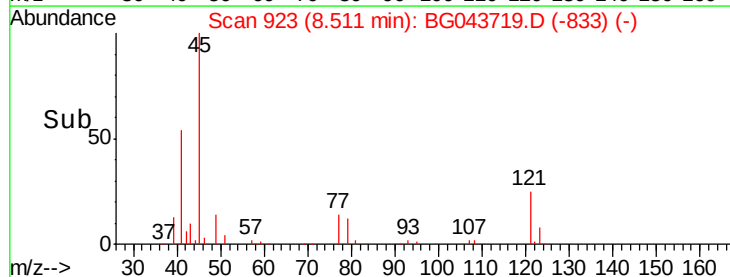
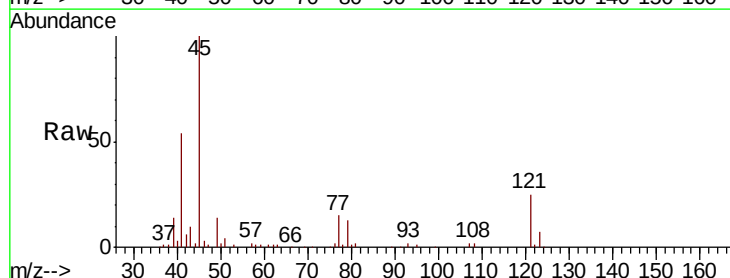
Manual Integrations
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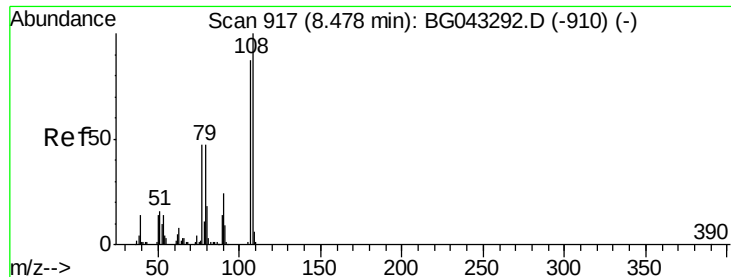
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 42.409 ng
RT: 8.51 min Scan# 923
Delta R.T. -0.00 min
Lab File: BG043719.D
Acq: 20 Nov 2019 5:59

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.4	0.0	35.2
79	12.6	0.0	32.4





#17

2-Methylphenol

Concen: 51.255 ng

RT: 8.46 min Scan# 914

Delta R.T. 0.00 min

Lab File: BG043719.D

Acq: 20 Nov 2019 5:59

Instrument :

BNA_G

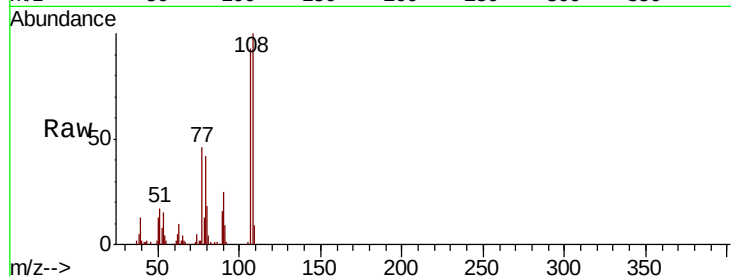
ClientSampleId :

OK-03-111219MSD

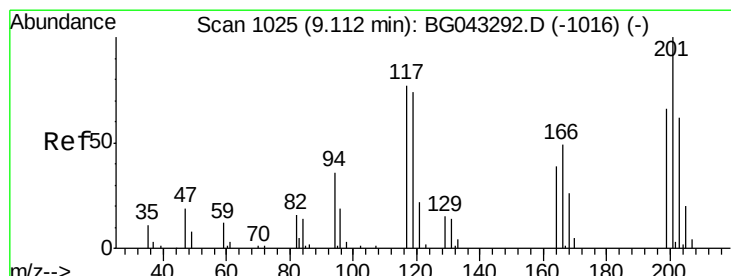
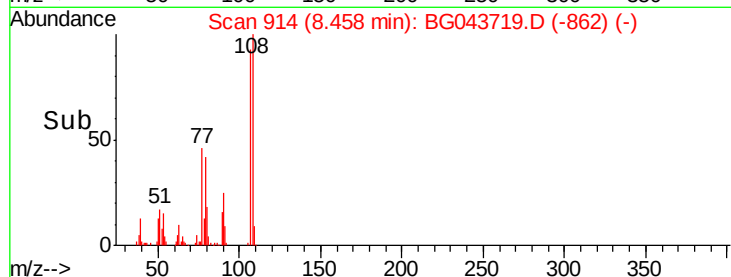
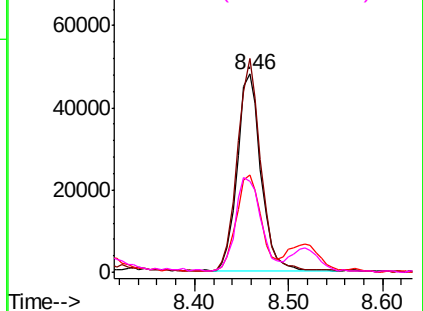
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	107.7	84.7	127.1	
77	49.3	46.2	69.4	
79	45.6	41.0	61.6	

Manual Integrations
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Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 35.529 ng

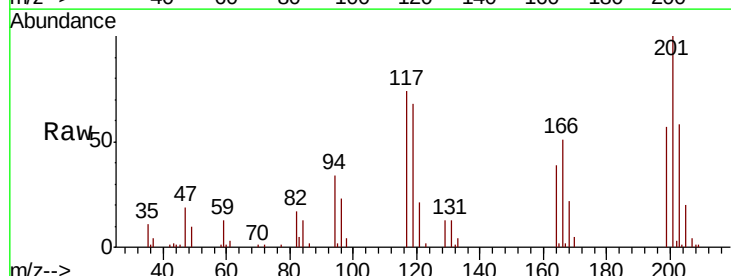
RT: 9.07 min Scan# 1018

Delta R.T. -0.00 min

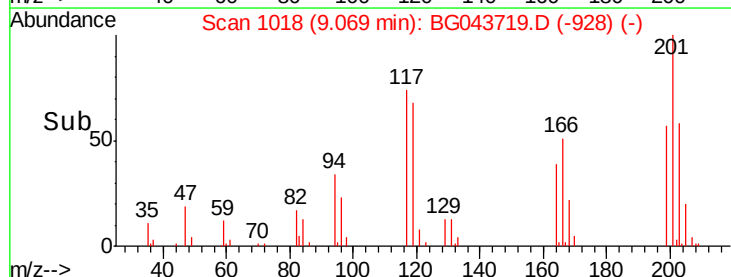
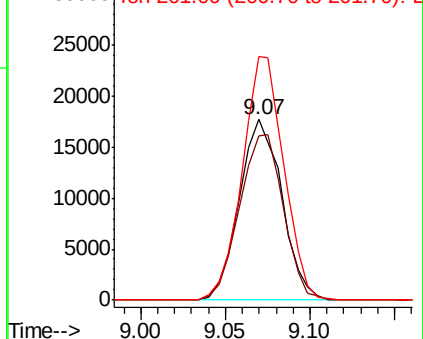
Lab File: BG043719.D

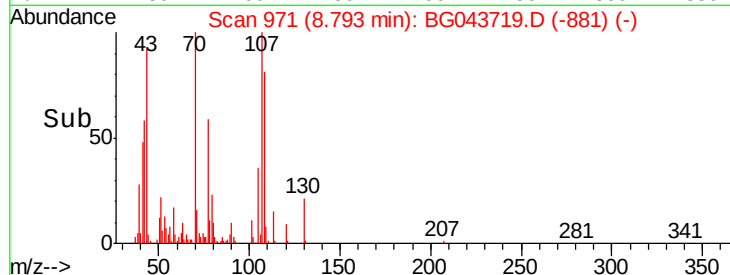
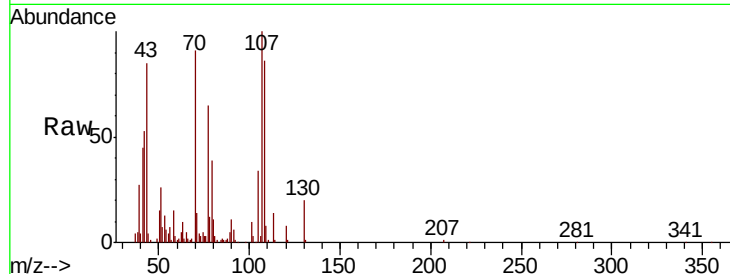
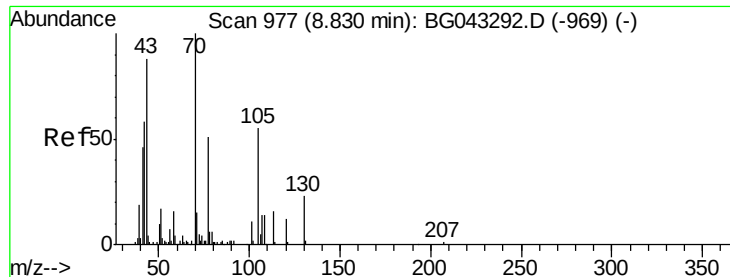
Acq: 20 Nov 2019 5:59

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	91.2	81.7	122.5	
201	134.7	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





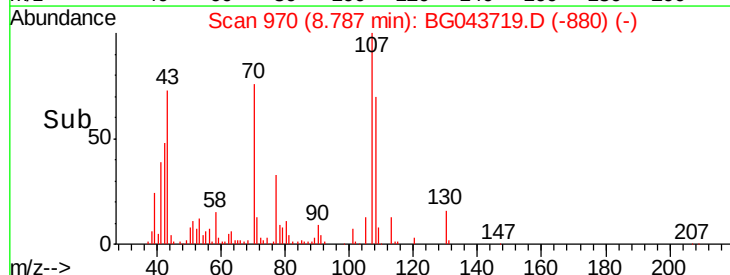
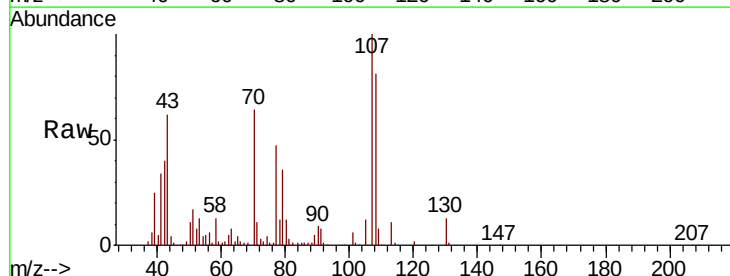
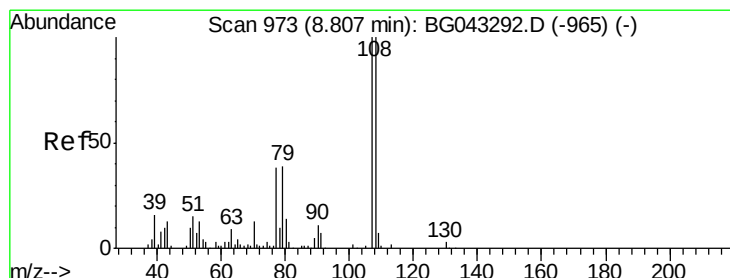
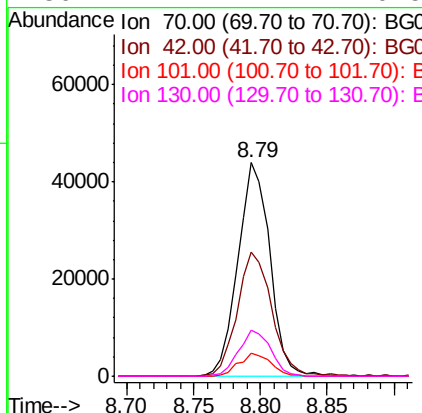
#19
n-Nitroso-di-n-propylamine
Concen: 45.251 ng
RT: 8.79 min Scan# 971
Delta R.T. -0.00 min
Lab File: BG043719.D
Acq: 20 Nov 2019 5:59

Instrument :
BNA_G
ClientSampleId :
OK-03-111219MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.9	49.7	74.5	
101	10.5	9.7	14.5	
130	21.4	17.7	26.5	

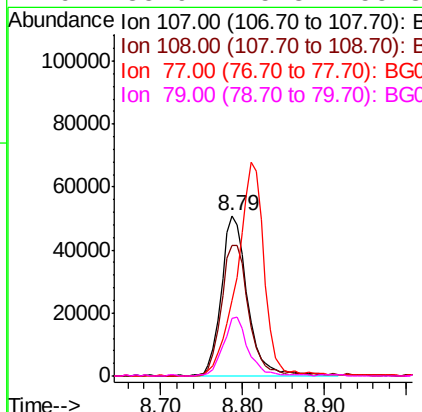
Manual Integrations
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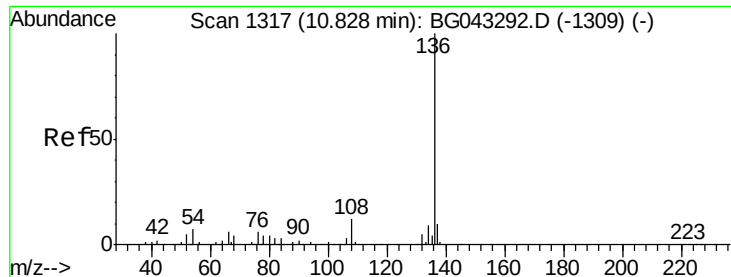
mohammad
11/21/2019 9:04:21 AM



#20
3+4-Methylphenols
Concen: 50.187 ng
RT: 8.79 min Scan# 970
Delta R.T. -0.00 min
Lab File: BG043719.D
Acq: 20 Nov 2019 5:59

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	81.3	69.5	109.5	
77	47.0	32.8	72.8	
79	35.9	15.3	55.3	





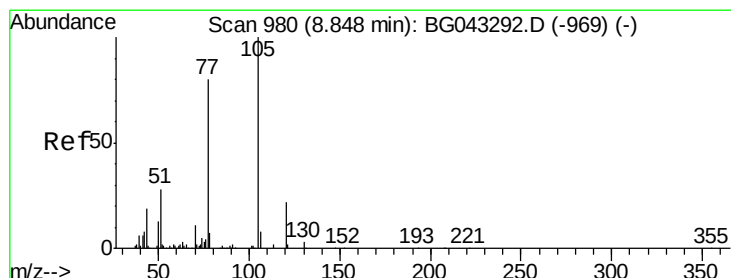
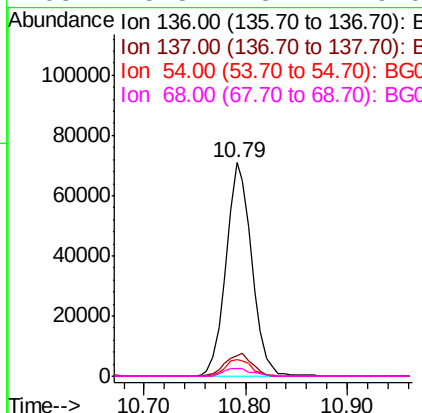
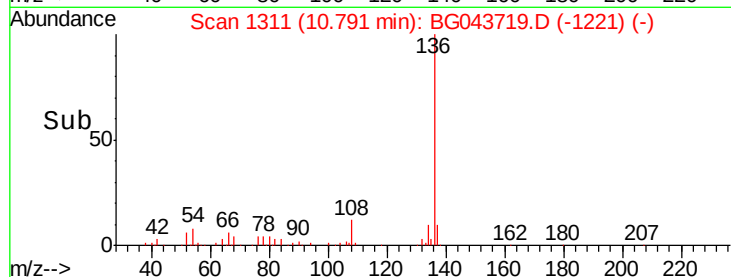
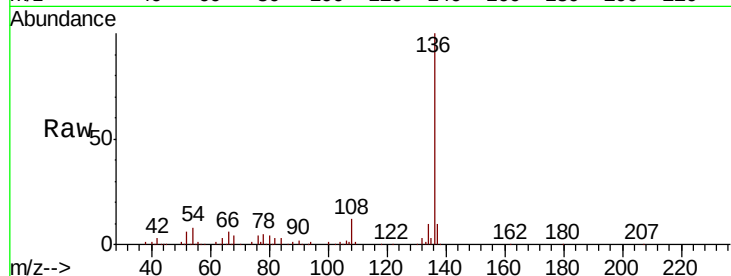
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.79 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BG043719.D
Acq: 20 Nov 2019 5:59

Instrument :
BNA_G
ClientSampleId :
OK-03-111219MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	9.5	8.8	13.2	
54	7.7	6.2	9.2	
68	3.8	3.4	5.0	

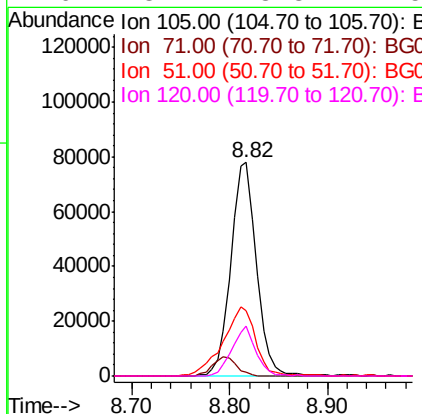
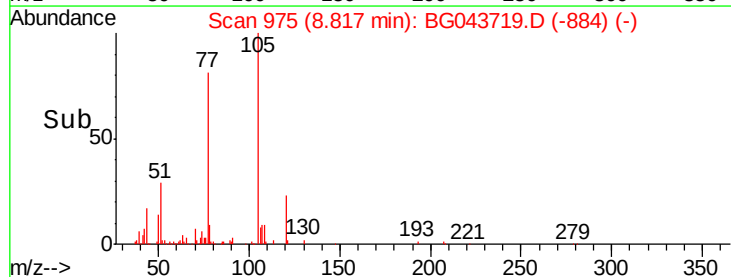
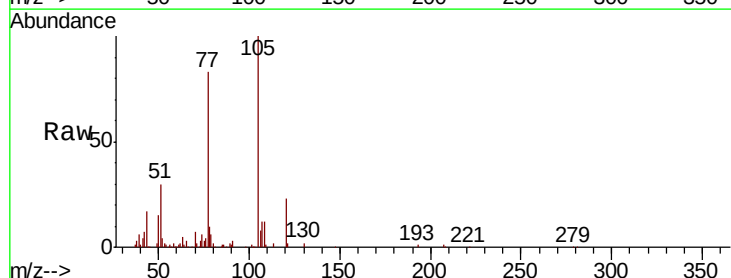
Manual Integrations
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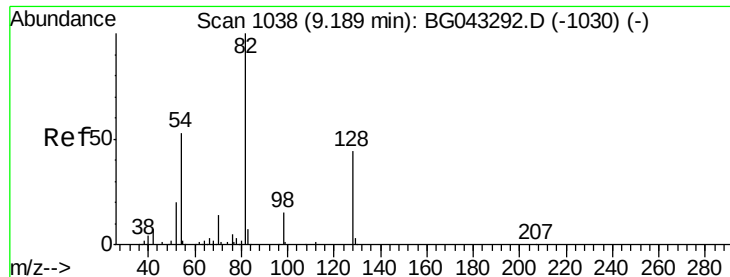
mohammad
11/21/2019 9:04:21 AM



#22
Acetophenone
Concen: 44.528 ng
RT: 8.82 min Scan# 975
Delta R.T. 0.00 min
Lab File: BG043719.D
Acq: 20 Nov 2019 5:59

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.6	1.5	2.3	
51	30.4	25.0	37.6	
120	23.4	18.3	27.5	





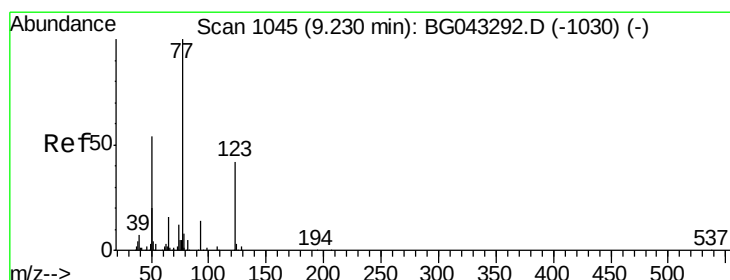
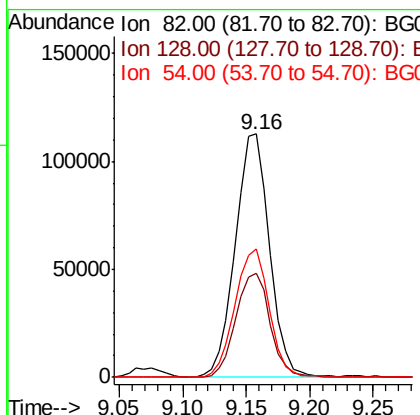
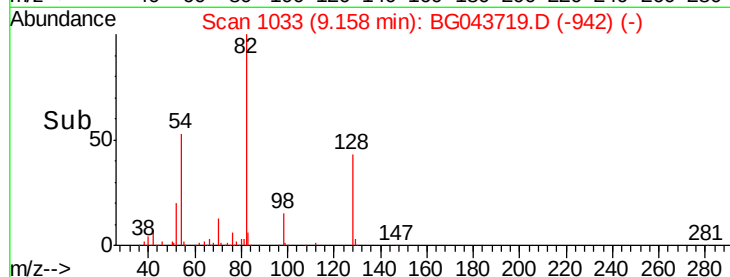
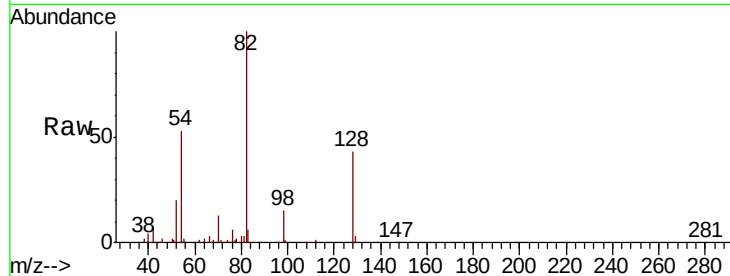
#23
Nitrobenzene-d5
Concen: 87.859 ng
RT: 9.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BG043719.D
Acq: 20 Nov 2019 5:59

Instrument :
BNA_G
ClientSampleId :
OK-03-111219MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.7	34.2	51.4
54	52.6	44.7	67.1

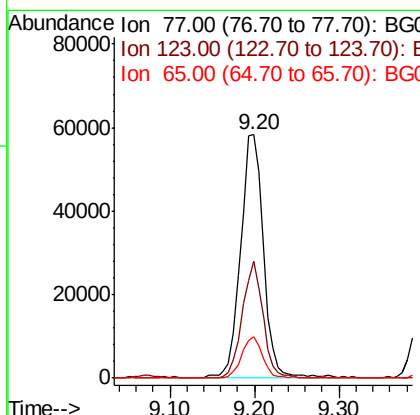
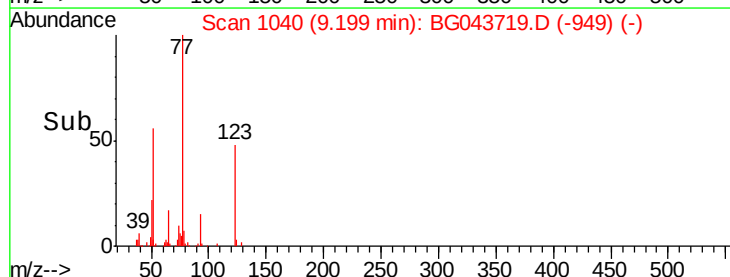
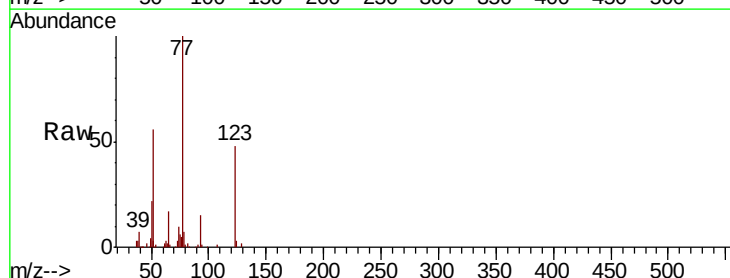
Manual Integrations
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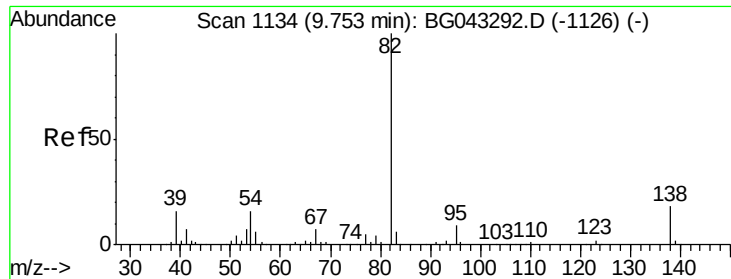
mohammad
11/21/2019 9:04:21 AM



#24
Nitrobenzene
Concen: 47.440 ng
RT: 9.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BG043719.D
Acq: 20 Nov 2019 5:59

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.0	33.6	50.4
65	16.8	12.9	19.3





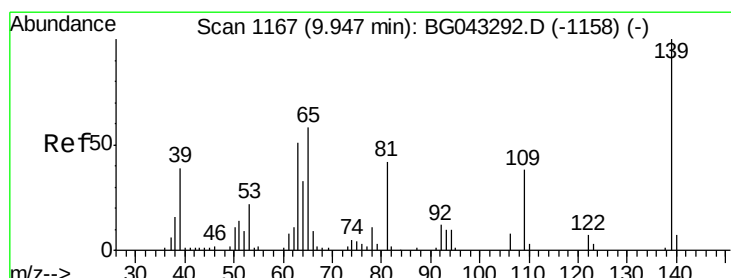
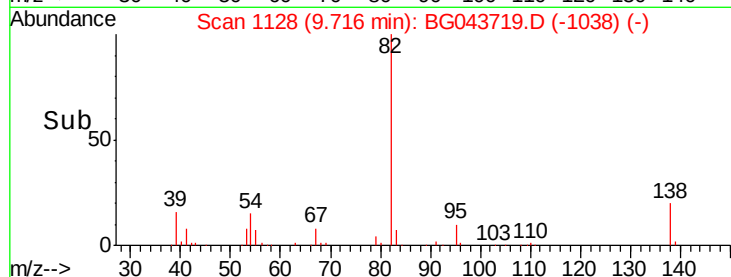
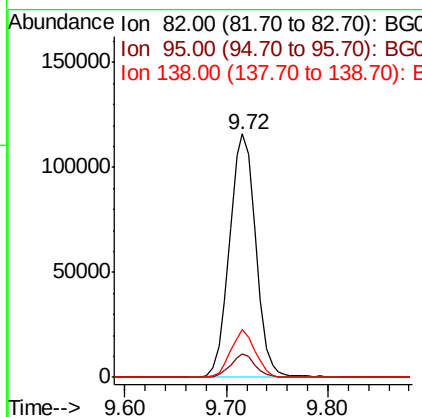
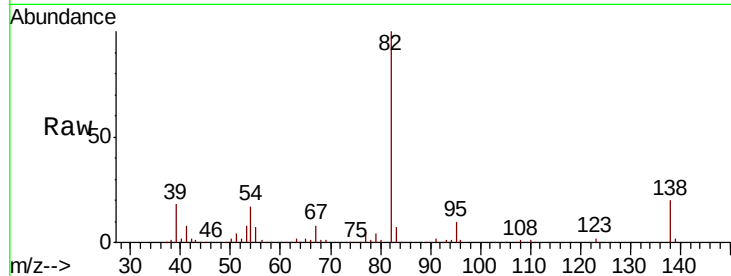
#25
Isophorone
Concen: 47.069 ng
RT: 9.72 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BG043719.D
Acq: 20 Nov 2019 5:59

Instrument :
BNA_G
ClientSampleId :
OK-03-111219MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	9.7	7.4	11.0	
138	19.7	15.1	22.7	

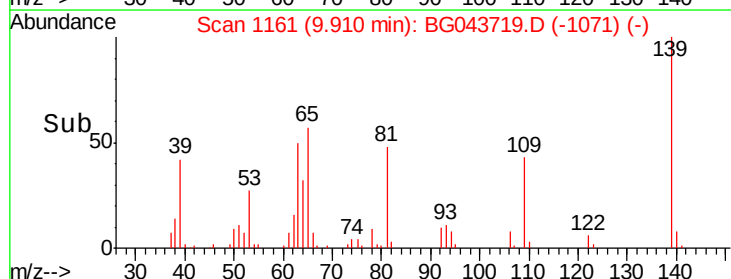
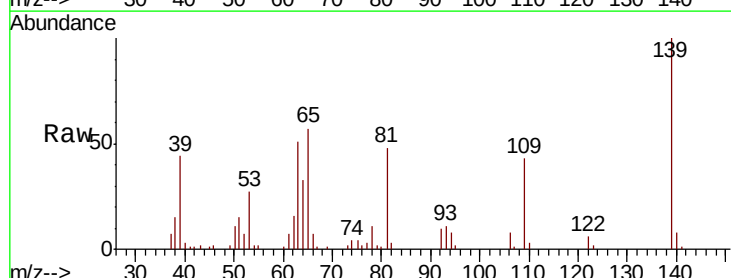
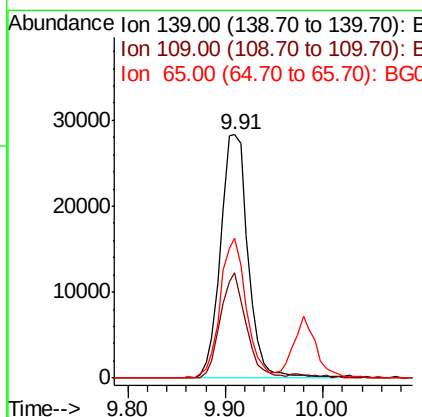
Manual Integrations
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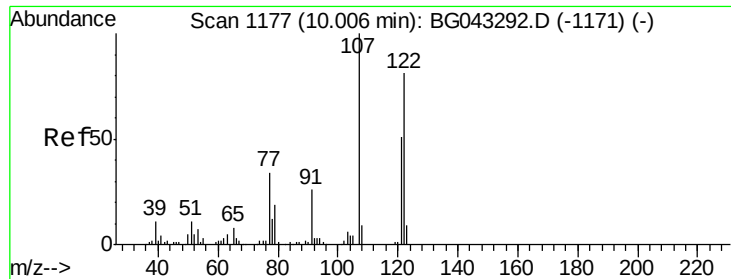
mohammad
11/21/2019 9:04:21 AM



#26
2-Nitrophenol
Concen: 49.950 ng
RT: 9.91 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BG043719.D
Acq: 20 Nov 2019 5:59

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	43.2	32.6	48.8	
65	57.2	47.6	71.4	





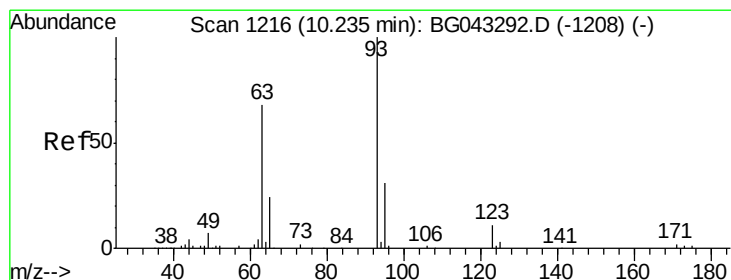
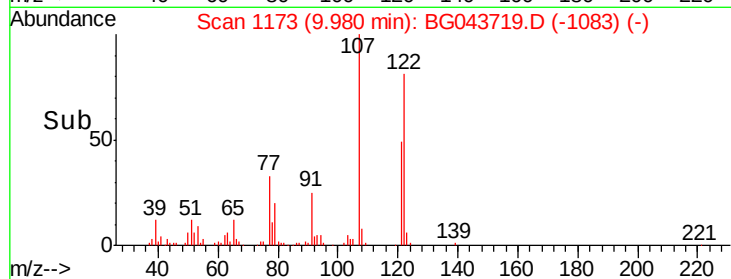
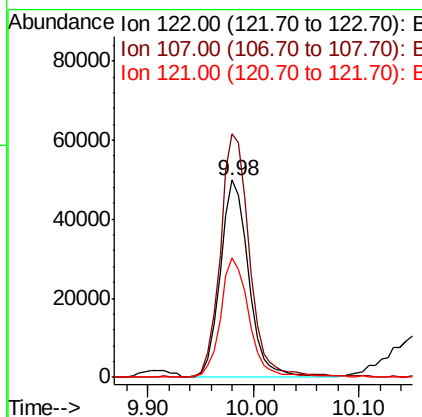
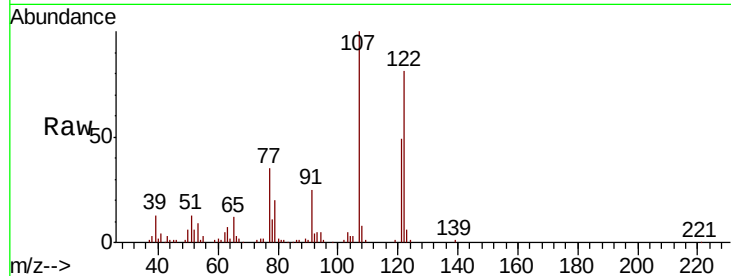
#27
 2,4-Dimethylphenol
 Concen: 57.597 ng
 RT: 9.98 min Scan# 1173
 Delta R.T. -0.00 min
 Lab File: BG043719.D
 Acq: 20 Nov 2019 5:59

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-111219MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	123.5	100.7	151.1		
121	60.7	47.0	70.4		

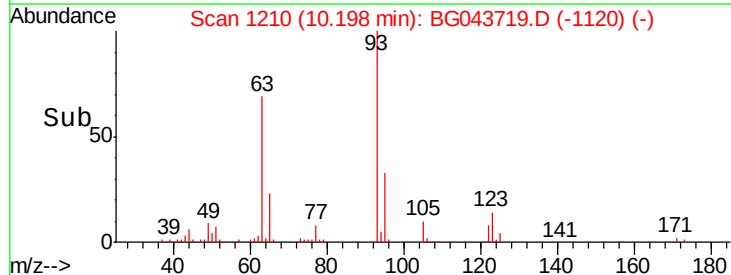
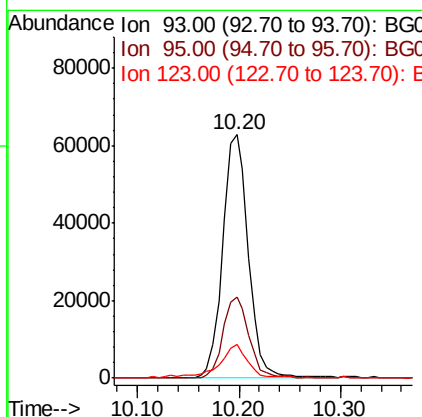
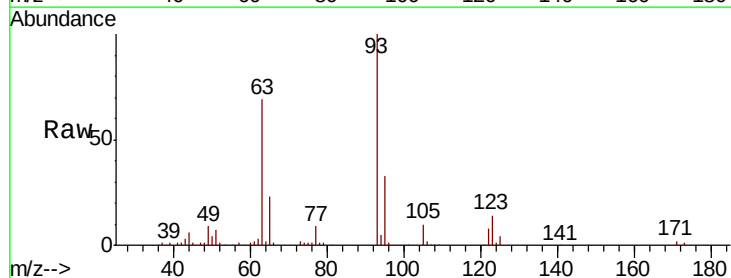
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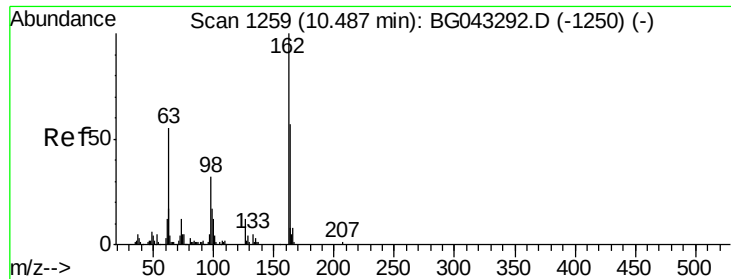
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#28
 bis(2-Chloroethoxy)methane
 Concen: 45.275 ng
 RT: 10.20 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BG043719.D
 Acq: 20 Nov 2019 5:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	33.2	27.5	41.3		
123	13.7	10.7	16.1		





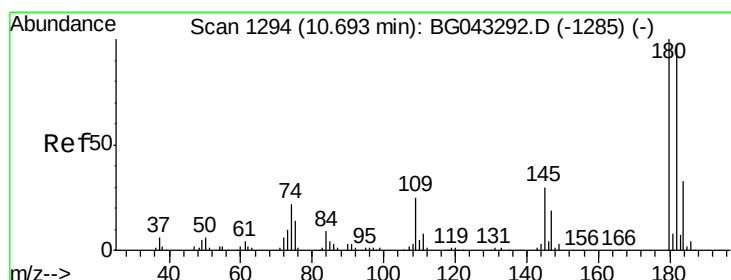
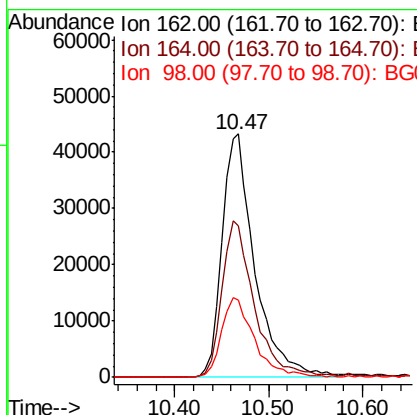
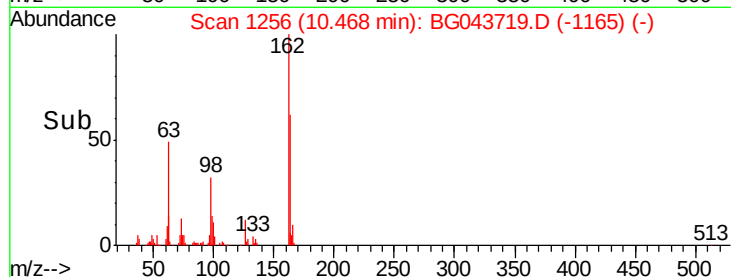
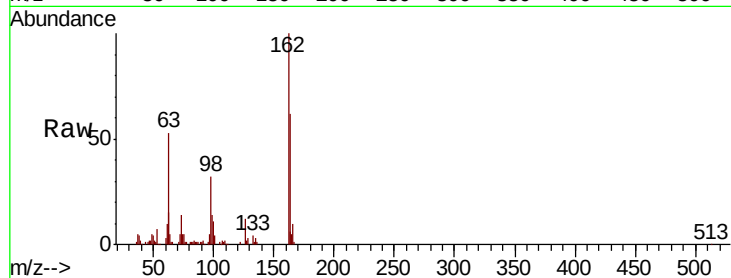
#29
2,4-Dichlorophenol
Concen: 51.305 ng
RT: 10.47 min Scan# 1256
Delta R.T. 0.00 min
Lab File: BG043719.D
Acq: 20 Nov 2019 5:59

Instrument :
BNA_G
ClientSampleId :
OK-03-111219MSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	62.1	45.4	85.4
98	31.9	10.1	50.1

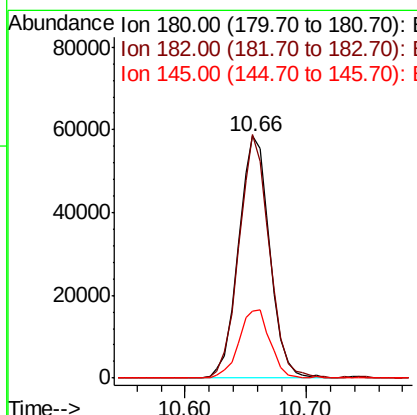
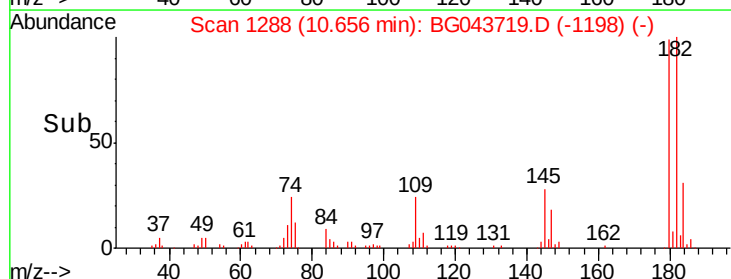
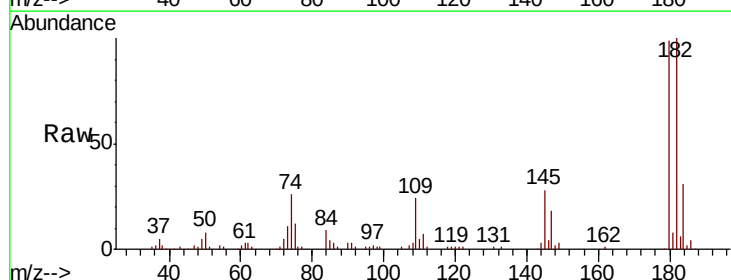
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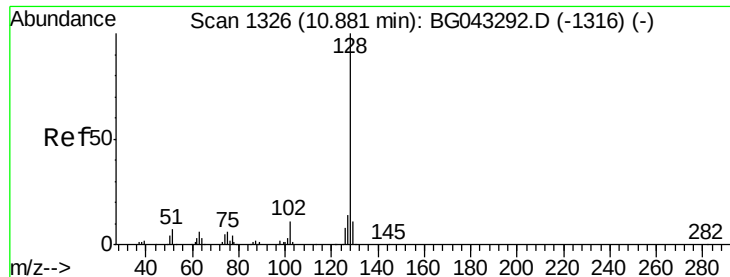
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#30
1,2,4-Trichlorobenzene
Concen: 40.729 ng
RT: 10.66 min Scan# 1288
Delta R.T. -0.00 min
Lab File: BG043719.D
Acq: 20 Nov 2019 5:59

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	100.7	74.5	111.7
145	27.9	21.4	32.0





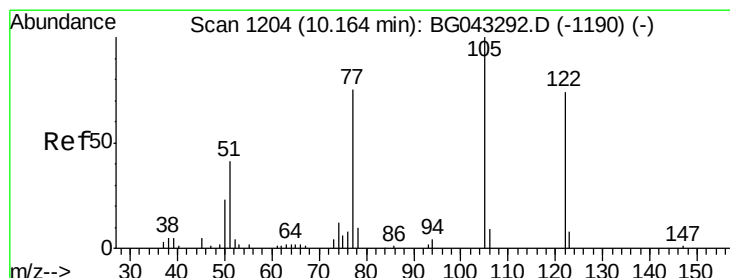
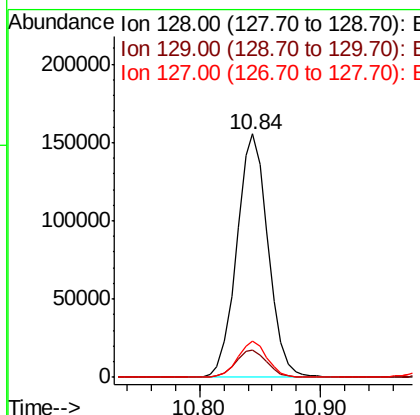
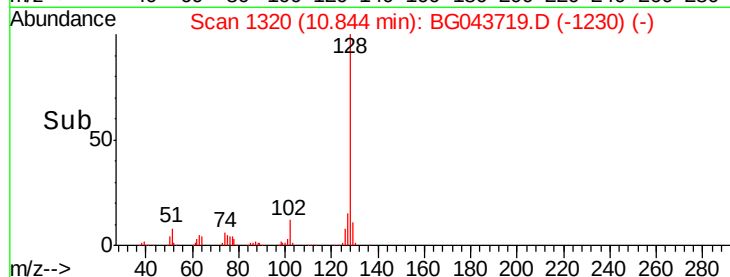
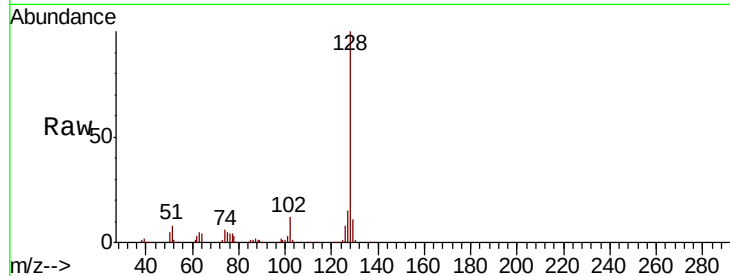
#31
Naphthalene
Concen: 44.264 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG043719.D
Acq: 20 Nov 2019 5:59

Instrument :
BNA_G
ClientSampleId :
OK-03-111219MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	279792		
129	11.3		9.5	14.3
127	14.8		11.0	16.4

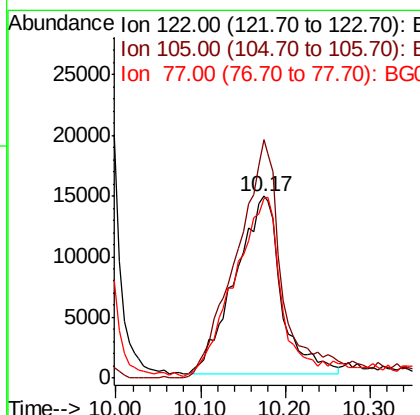
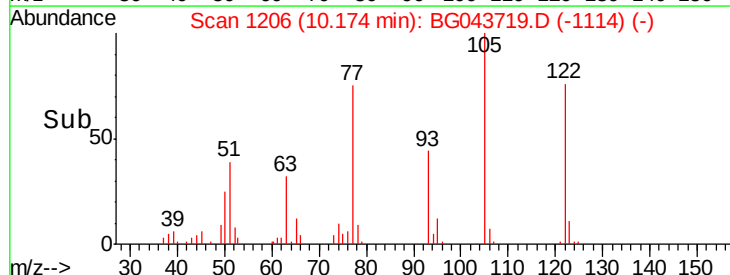
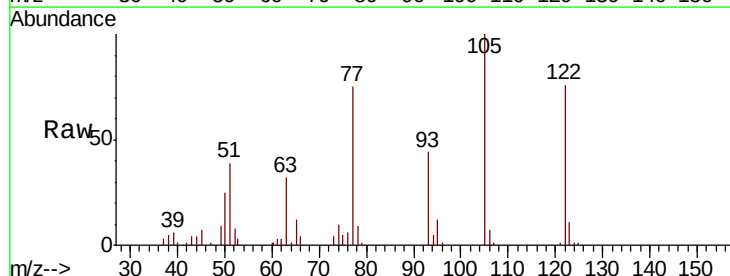
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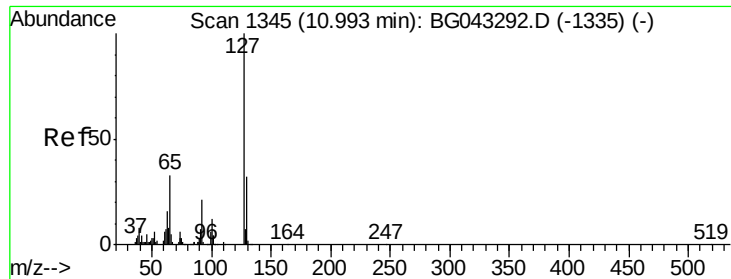
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#32
Benzoic acid
Concen: 46.266 ng
RT: 10.17 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BG043719.D
Acq: 20 Nov 2019 5:59

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	55757		
105	131.0		101.8	141.8
77	98.7		86.8	126.8





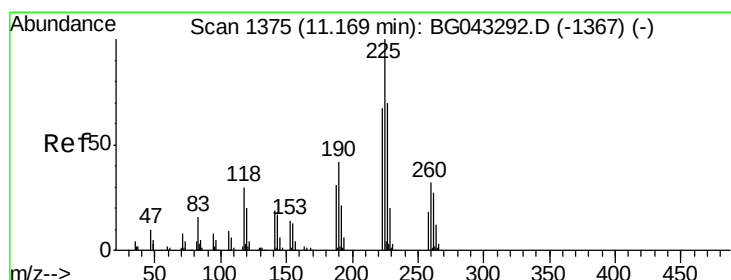
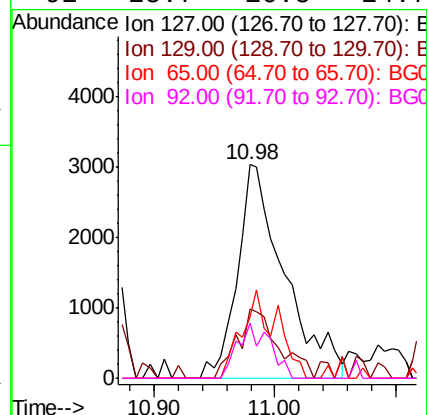
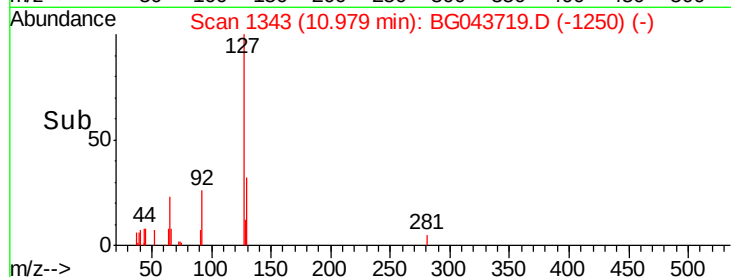
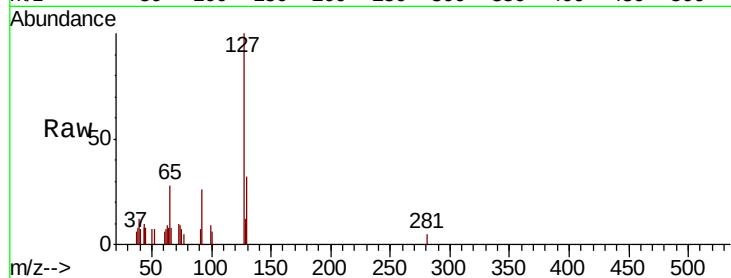
#33
4-Chloroaniline
Concen: 3.161 ng
RT: 10.98 min Scan# 1343
Delta R.T. 0.02 min
Lab File: BG043719.D
Acq: 20 Nov 2019 5:59

Instrument :
BNA_G
ClientSampleId :
OK-03-111219MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.1	28.0	42.0
65	28.5	28.3	42.5
92	25.7	16.5	24.7#

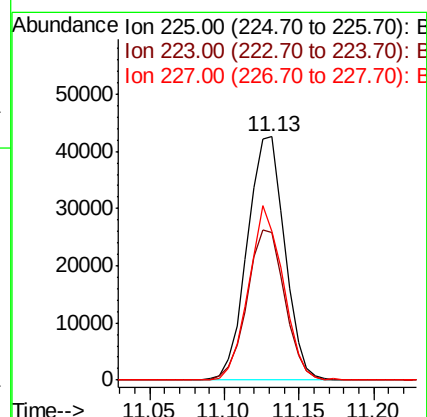
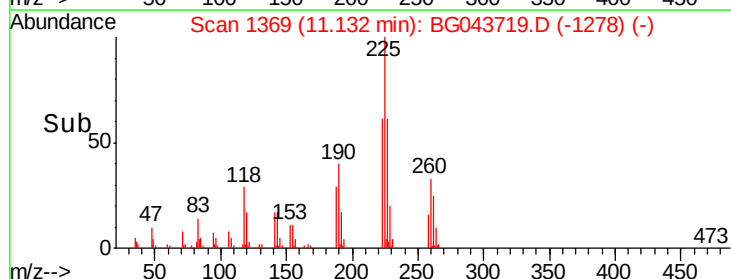
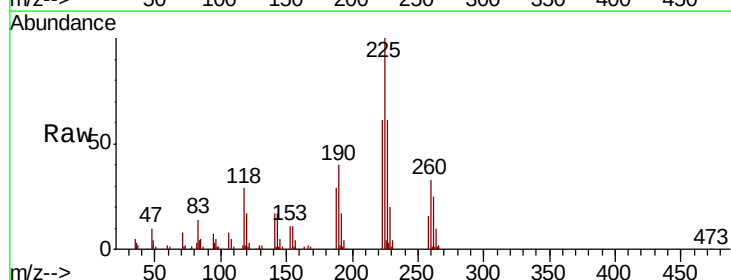
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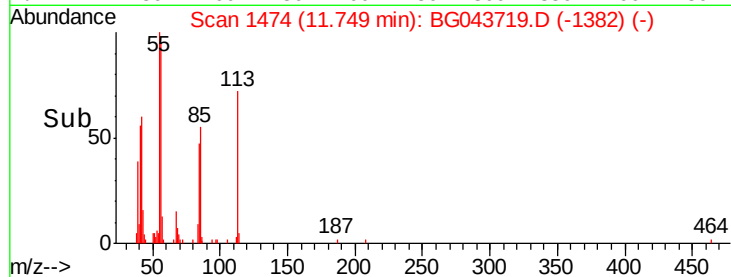
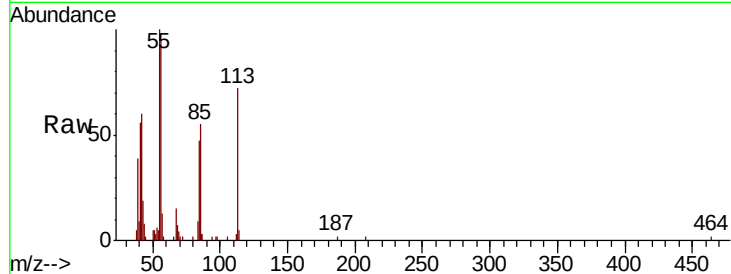
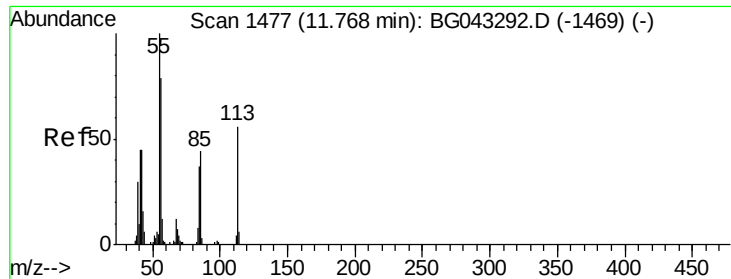
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#34
Hexachlorobutadiene
Concen: 38.735 ng
RT: 11.13 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BG043719.D
Acq: 20 Nov 2019 5:59

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.9	48.6	73.0
227	61.2	49.1	73.7





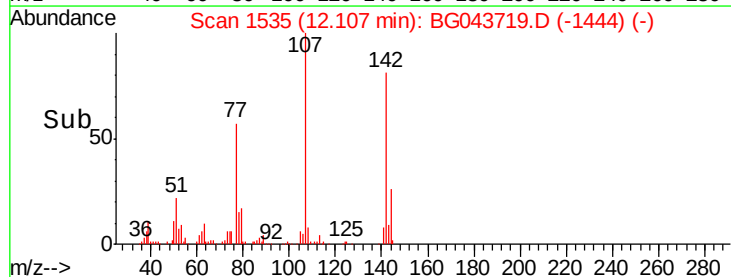
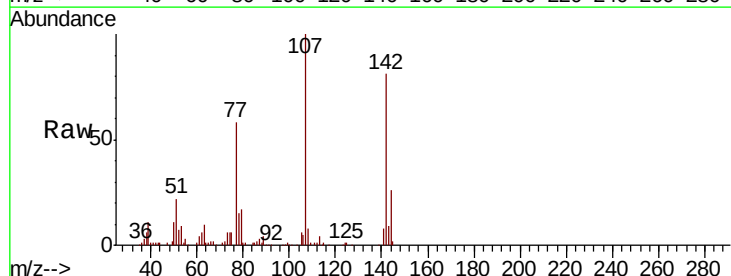
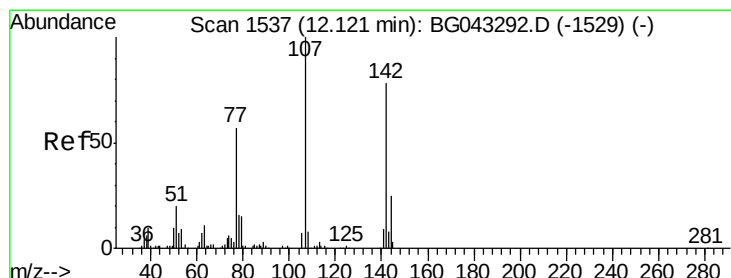
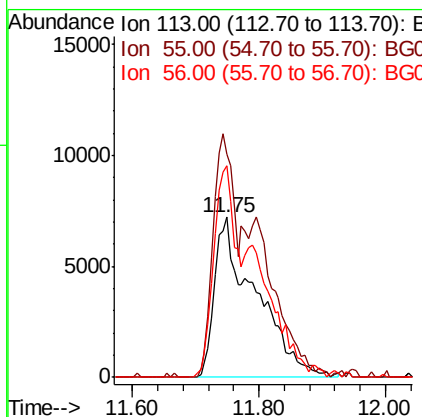
#35
Caprolactam
Concen: 46.267 ng/ml
RT: 11.75 min Scan# 1474
Delta R.T. 0.01 min
Lab File: BG043719.D
Acq: 20 Nov 2019 5:59

Instrument :
BNA_G
ClientSampleId :
OK-03-111219MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	139.6	154.4	194.4#
56	132.2	112.9	152.9

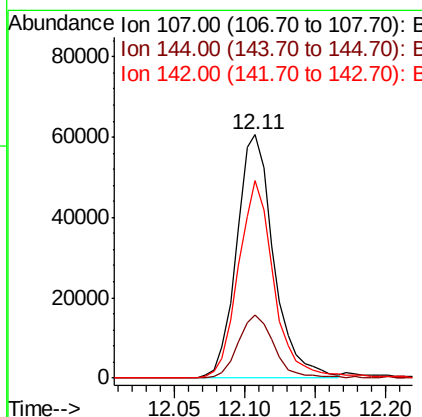
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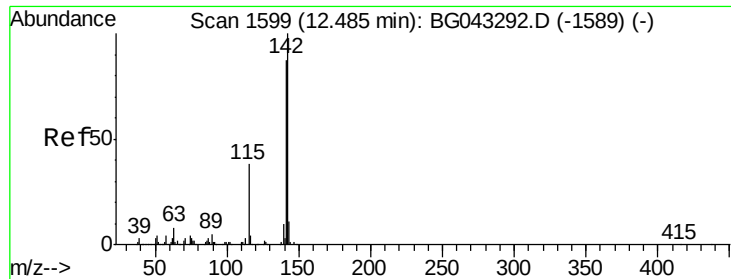
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#36
4-Chloro-3-methylphenol
Concen: 50.068 ng/ml
RT: 12.11 min Scan# 1535
Delta R.T. 0.00 min
Lab File: BG043719.D
Acq: 20 Nov 2019 5:59

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.9	21.7	32.5
142	81.2	67.2	100.8





#37

2-Methylnaphthalene

Concen: 46.393 ng

RT: 12.45 min Scan# 1593

Delta R.T. -0.00 min

Lab File: BG043719.D

Acq: 20 Nov 2019 5:59

Instrument :

BNA_G

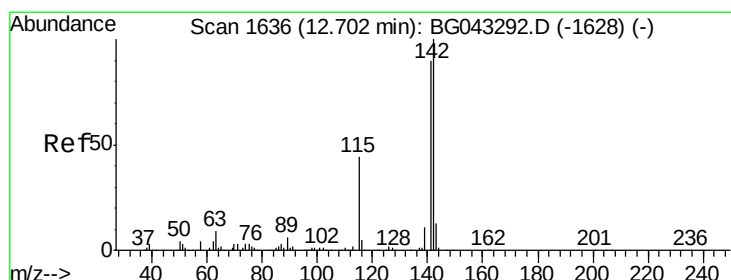
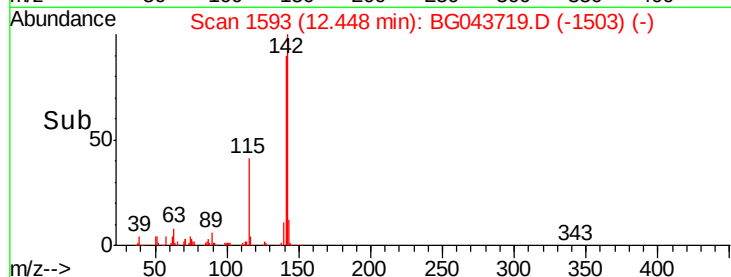
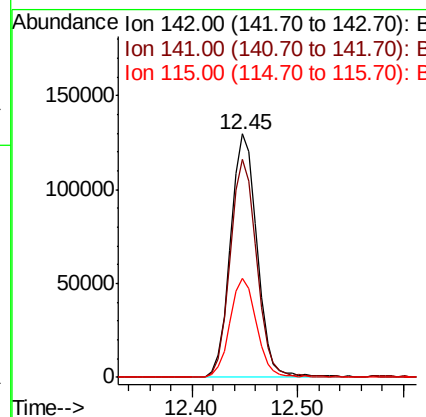
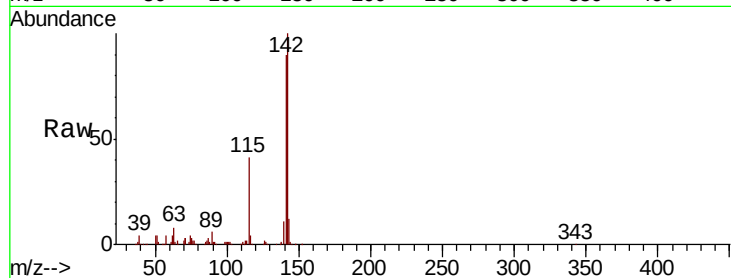
ClientSampleId :

OK-03-111219MSD

Tot Ion:	142	Resp:	225003
Ion Ratio	Lower	Upper	
142	100		
141	89.5	71.2	106.8
115	40.8	31.9	47.9

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#38

1-Methylnaphthalene

Concen: 45.907 ng

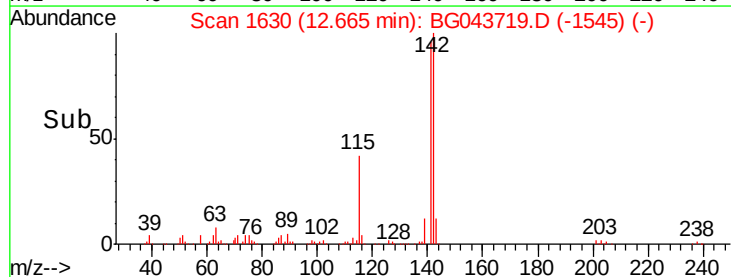
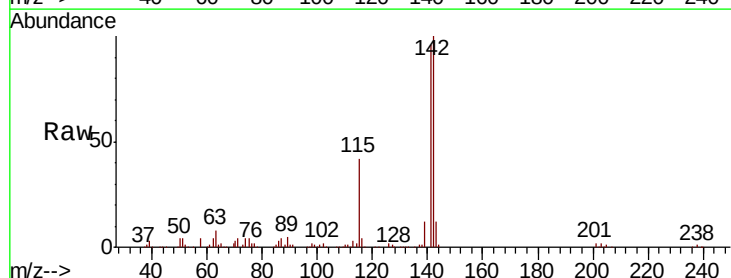
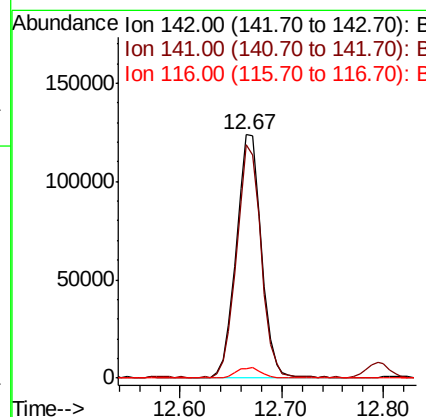
RT: 12.67 min Scan# 1630

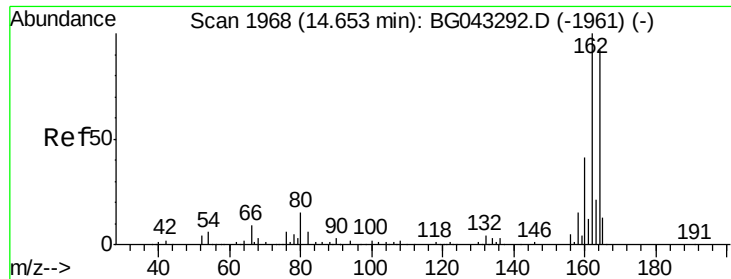
Delta R.T. -0.00 min

Lab File: BG043719.D

Acq: 20 Nov 2019 5:59

Tgt Ion:	142	Resp:	211843
Ion Ratio	Lower	Upper	
142	100		
141	95.7	74.5	111.7
116	4.0	3.8	5.6





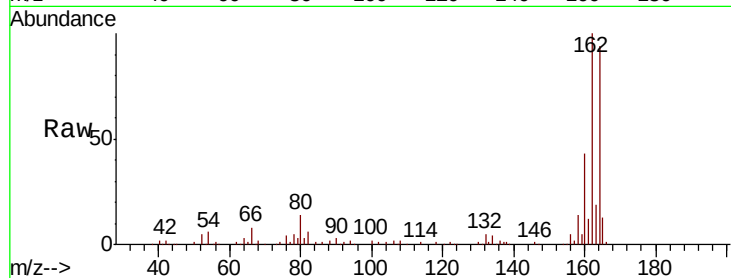
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.00 min
Lab File: BG043719.D
Acq: 20 Nov 2019 5:59

Instrument :
BNA_G
ClientSampleId :
OK-03-111219MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	106.2	79.4	119.2
160	46.1	36.3	54.5

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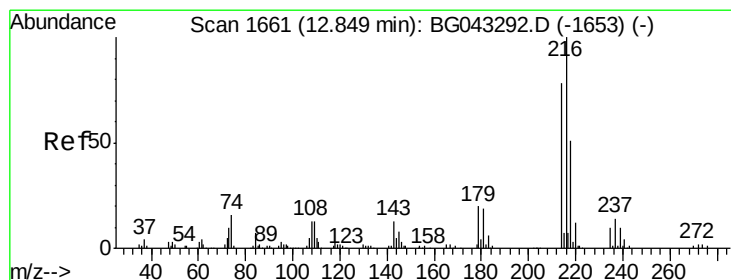
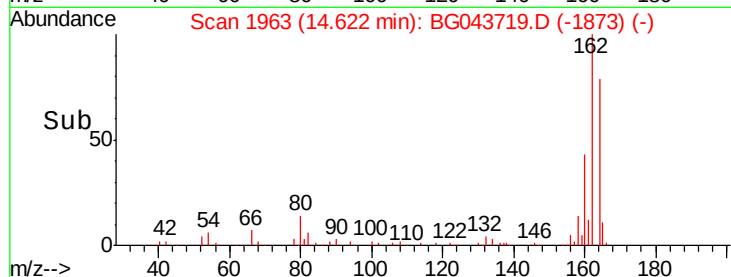
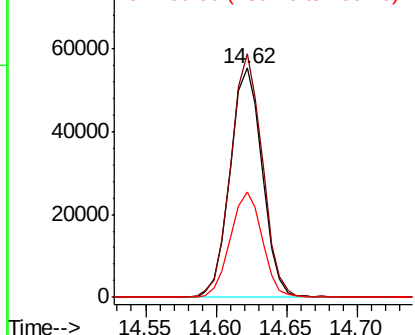


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.555 ng
RT: 12.82 min Scan# 1656
Delta R.T. -0.00 min
Lab File: BG043719.D
Acq: 20 Nov 2019 5:59

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.1	62.8	94.2
179	19.7	16.5	24.7
108	15.3	12.7	19.1

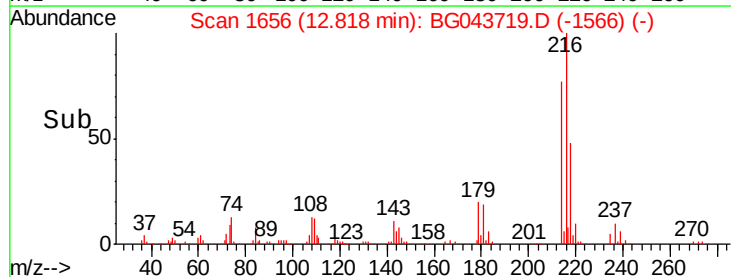
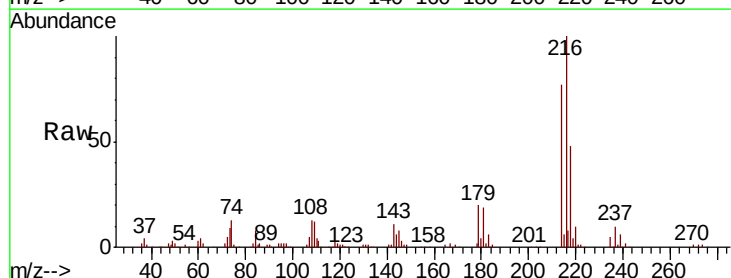
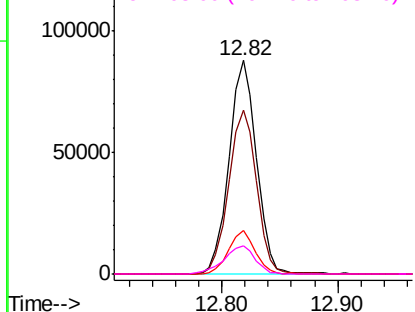
Abundance

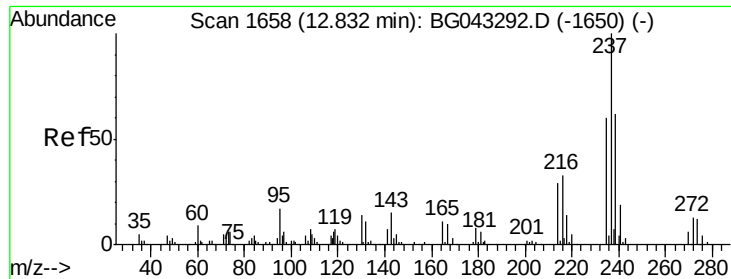
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





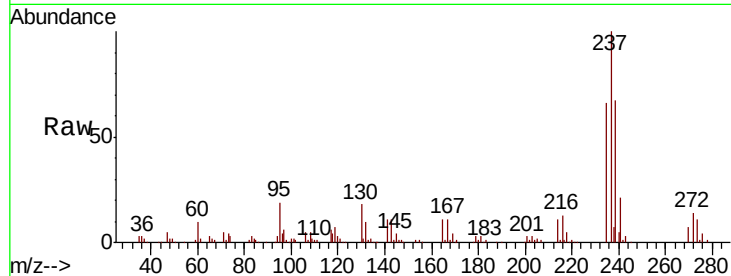
#41
Hexachlorocyclopentadiene
Concen: 71.147 ng
RT: 12.79 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BG043719.D
Acq: 20 Nov 2019 5:59

Instrument :
BNA_G
ClientSampleId :
OK-03-111219MSD

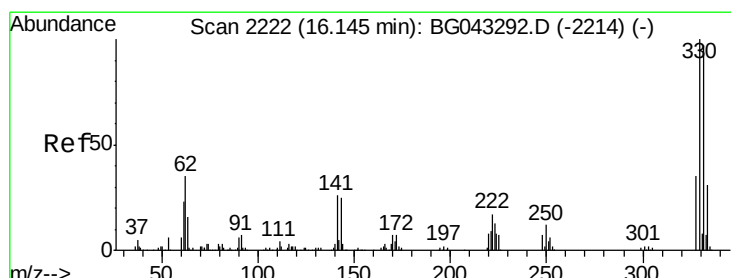
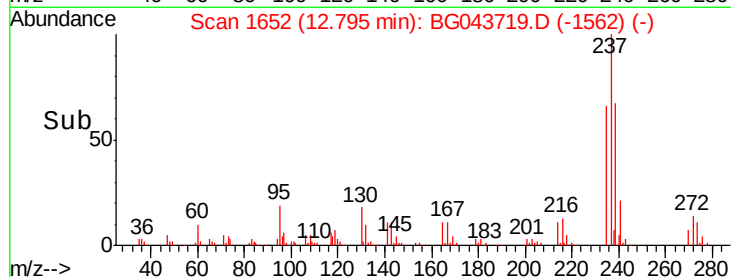
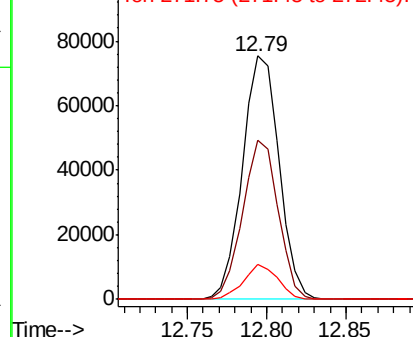
Tot Ion	Ratio	Resp	Lower	Upper
237	100	120934		
235	65.6	42.2	82.2	
272	14.4	0.0	32.6	

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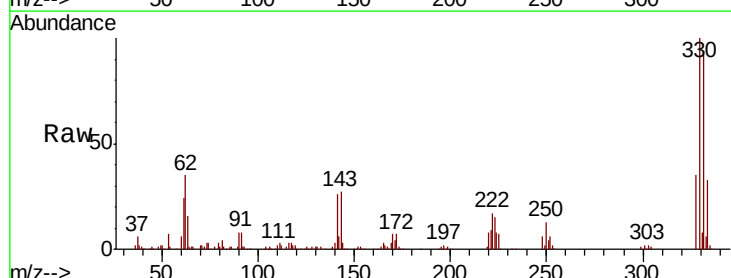


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

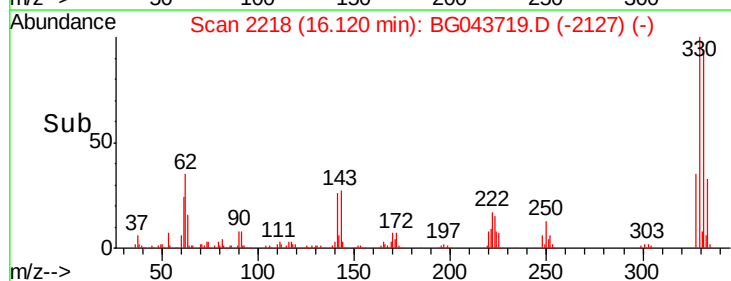
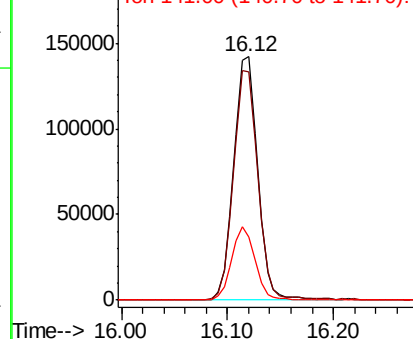


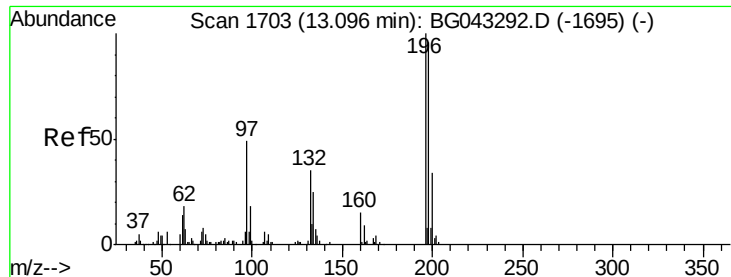
#42
2,4,6-Tribromophenol
Concen: 133.342 ng
RT: 16.12 min Scan# 2218
Delta R.T. 0.00 min
Lab File: BG043719.D
Acq: 20 Nov 2019 5:59

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	221862		
332	95.6	76.6	115.0	
141	29.4	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





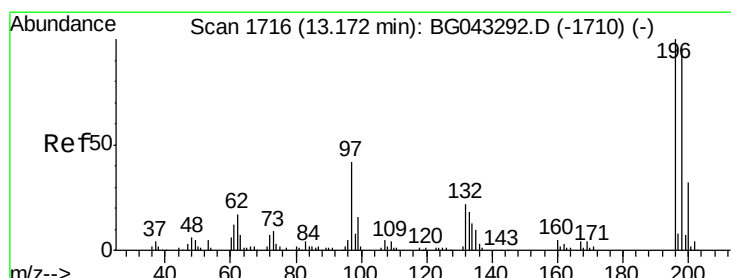
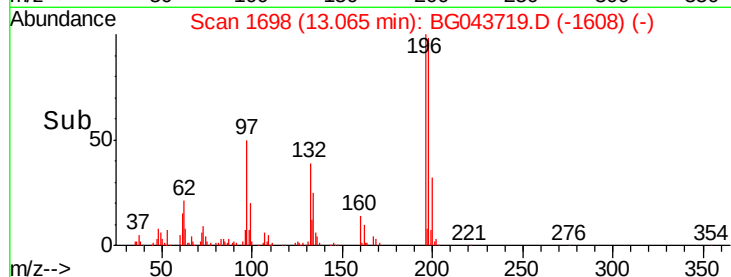
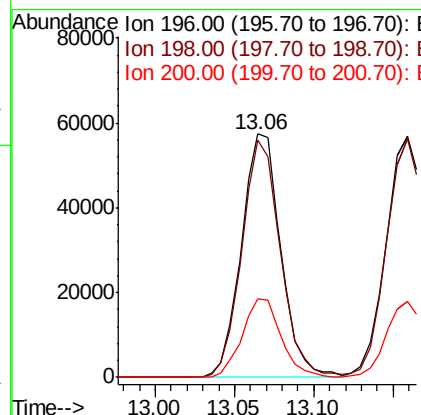
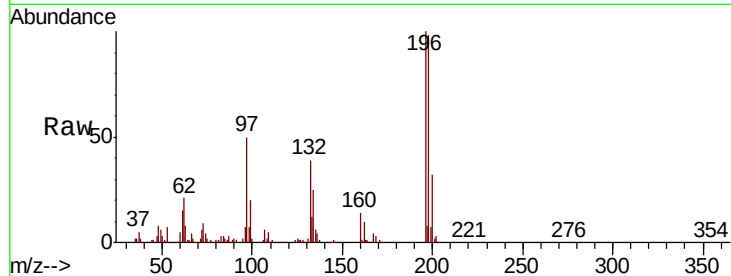
#43
 2,4,6-Trichlorophenol
 Concen: 51.852 ng
 RT: 13.06 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: BG043719.D
 Acq: 20 Nov 2019 5:59

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-111219MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	98808		
198	97.7	81.3	121.9	
200	32.1	28.2	42.2	

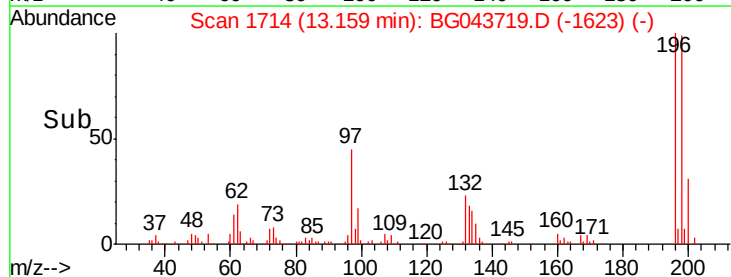
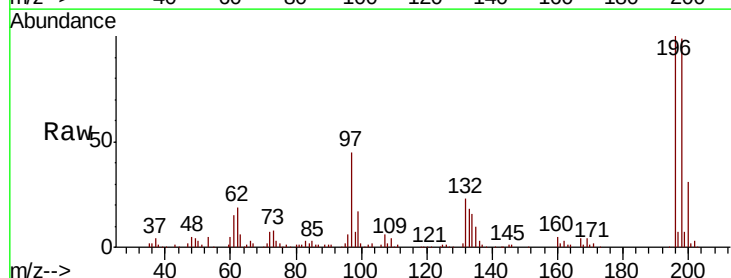
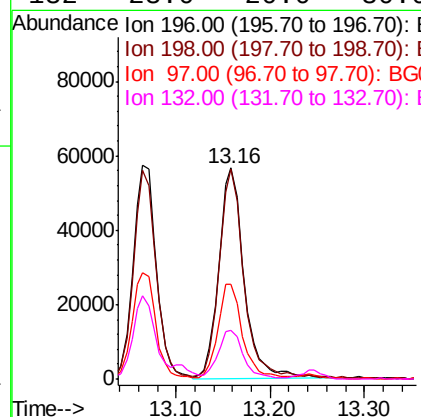
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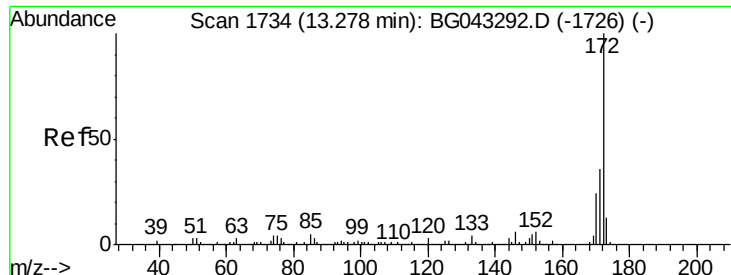
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 55.283 ng
 RT: 13.16 min Scan# 1714
 Delta R.T. 0.00 min
 Lab File: BG043719.D
 Acq: 20 Nov 2019 5:59

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	106503		
198	99.3	77.4	116.2	
97	45.0	35.9	53.9	
132	23.0	20.0	30.0	





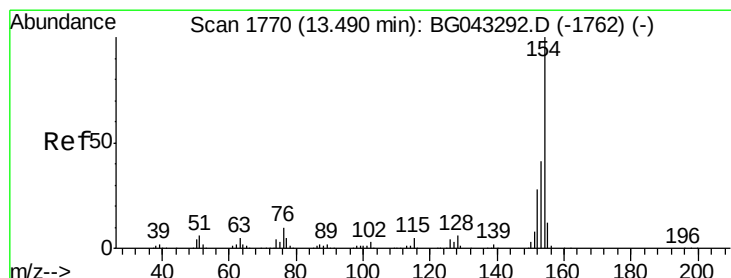
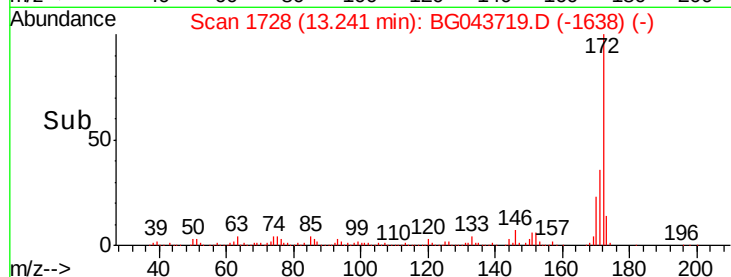
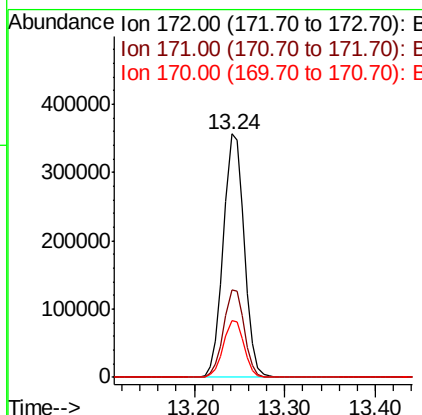
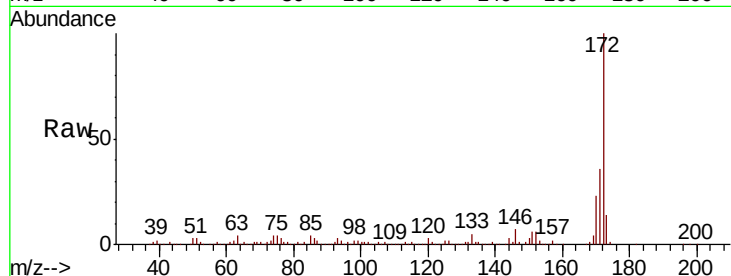
#45
2-Fluorobiphenyl
Concen: 90.124 ng
RT: 13.24 min Scan# 1728
Delta R.T. -0.00 min
Lab File: BG043719.D
Acq: 20 Nov 2019 5:59

Instrument :
BNA_G
ClientSampleId :
OK-03-111219MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.1	42.1
170	23.2	18.8	28.2

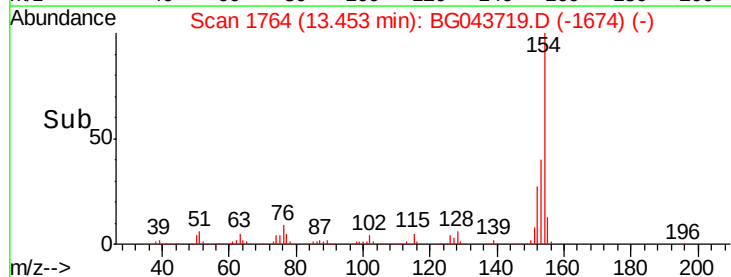
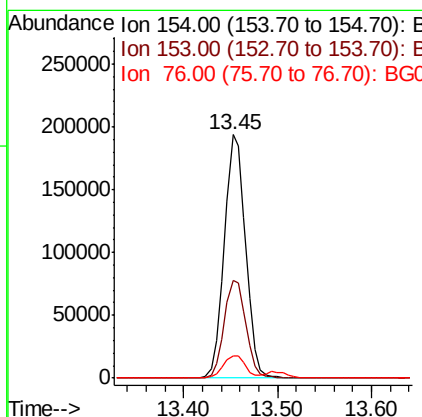
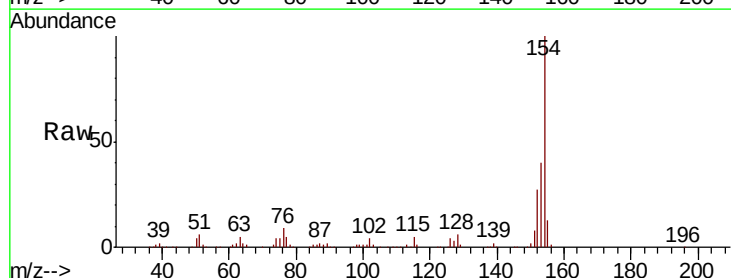
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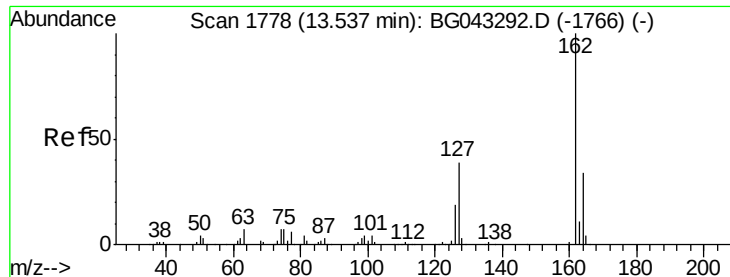
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#46
1,1'-Biphenyl
Concen: 45.950 ng
RT: 13.45 min Scan# 1764
Delta R.T. -0.00 min
Lab File: BG043719.D
Acq: 20 Nov 2019 5:59

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	22.6	62.6
76	9.1	0.0	29.1





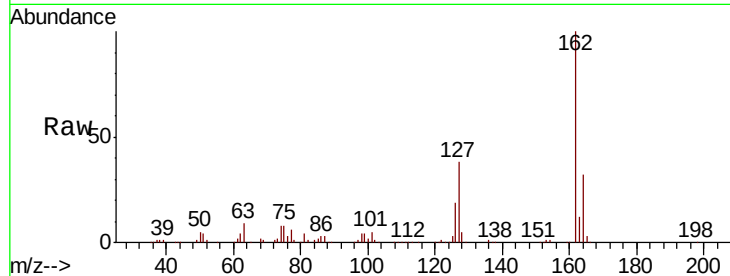
#47
2-Chloronaphthalene
Concen: 46.438 ng
RT: 13.50 min Scan# 1772
Delta R.T. -0.00 min
Lab File: BG043719.D
Acq: 20 Nov 2019 5:59

Instrument :
BNA_G
ClientSampleId :
OK-03-111219MSD

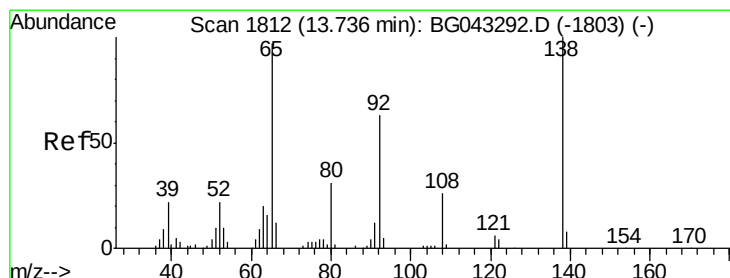
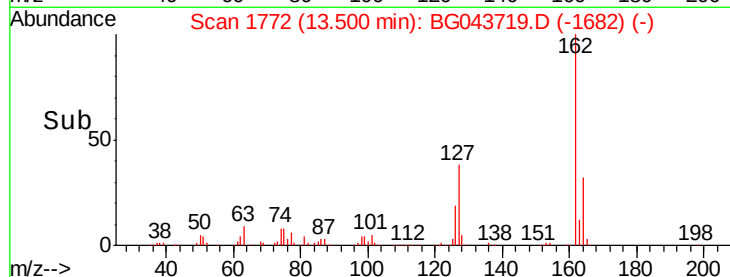
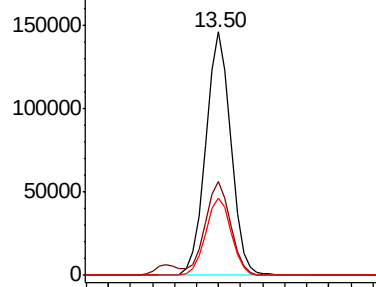
Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	38.5	32.8	49.2	
164	31.8	27.8	41.8	

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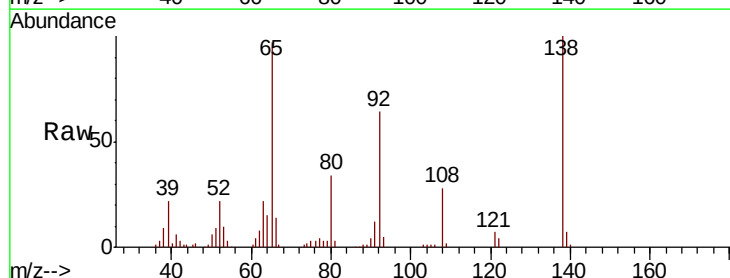


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

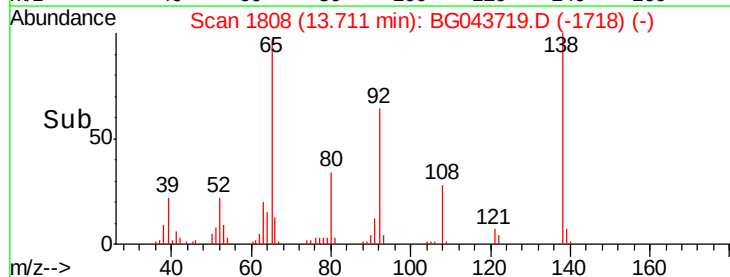
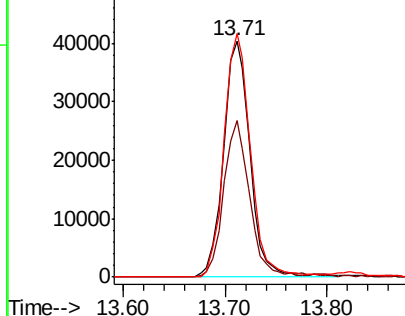


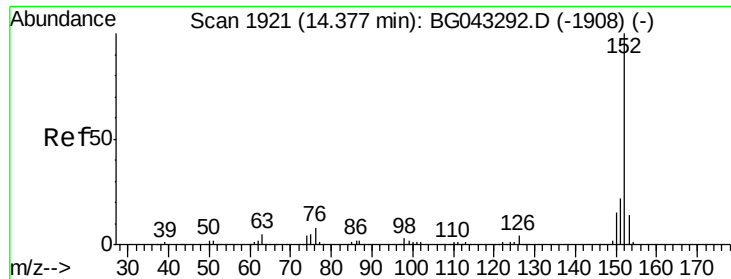
#48
2-Nitroaniline
Concen: 48.478 ng
RT: 13.71 min Scan# 1808
Delta R.T. -0.00 min
Lab File: BG043719.D
Acq: 20 Nov 2019 5:59

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	66.3	54.9	82.3	
138	103.1	85.0	127.6	



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





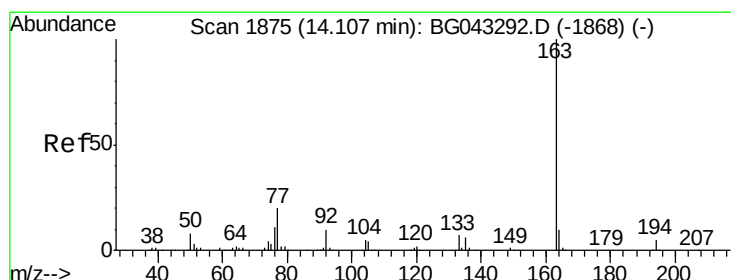
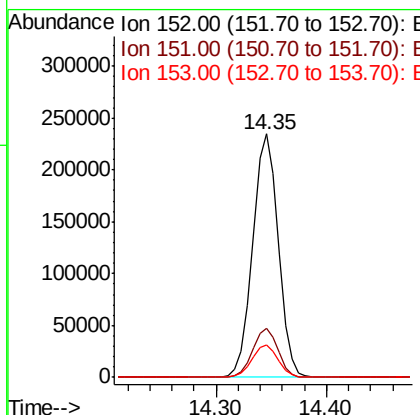
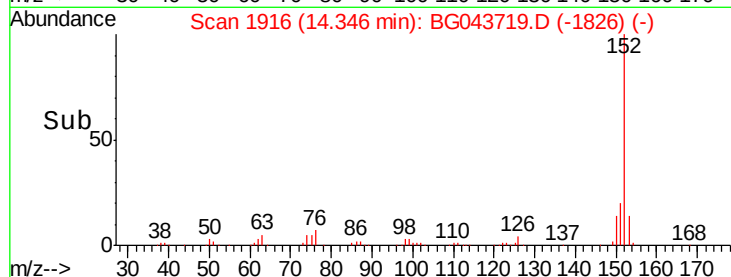
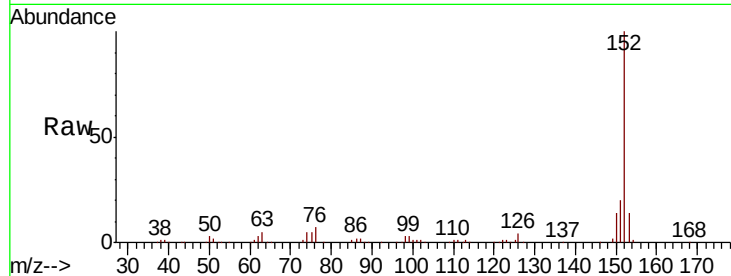
#49
Acenaphthylene
Concen: 48.500 ng
RT: 14.35 min Scan# 1916
Delta R.T. -0.00 min
Lab File: BG043719.D
Acq: 20 Nov 2019 5:59

Instrument :
BNA_G
ClientSampleId :
OK-03-111219MSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.1	24.1
153	13.6	11.0	16.4

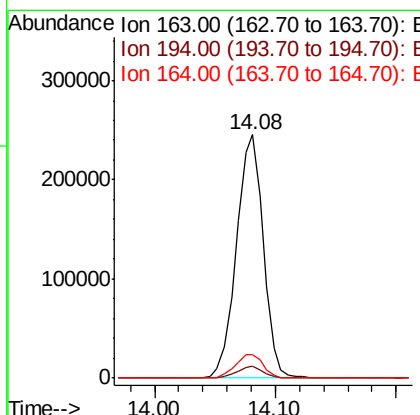
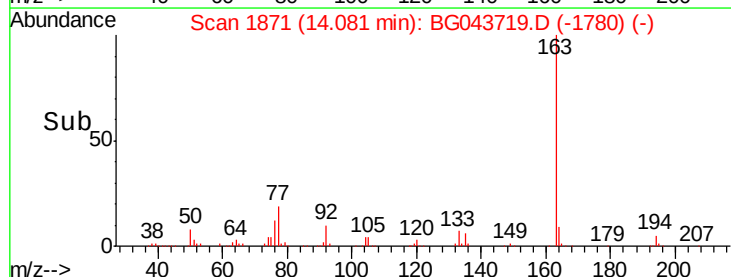
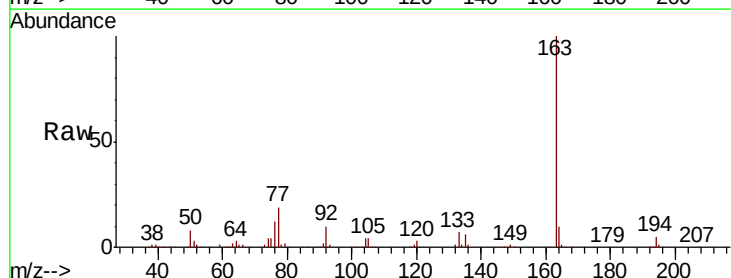
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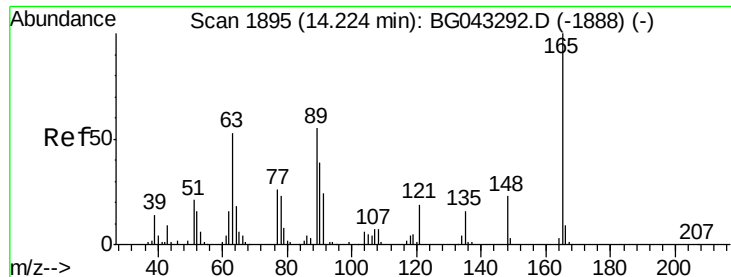
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#50
Dimethylphthalate
Concen: 56.176 ng
RT: 14.08 min Scan# 1871
Delta R.T. 0.00 min
Lab File: BG043719.D
Acq: 20 Nov 2019 5:59

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.8	5.8
164	9.6	8.5	12.7





#51

2,6-Dinitrotoluene

Concen: 50.090 ng

RT: 14.20 min Scan# 1891

Delta R.T. -0.00 min

Lab File: BG043719.D

Acq: 20 Nov 2019 5:59

Instrument :

BNA_G

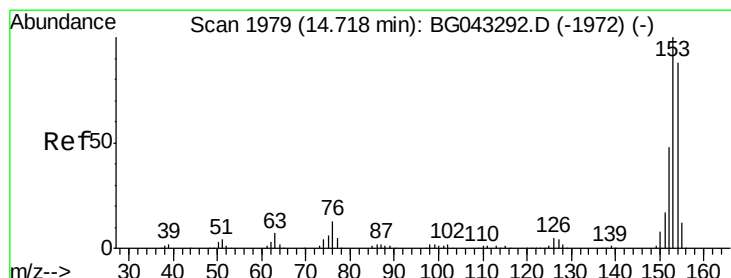
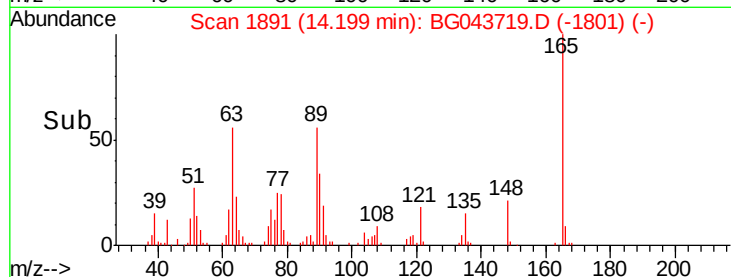
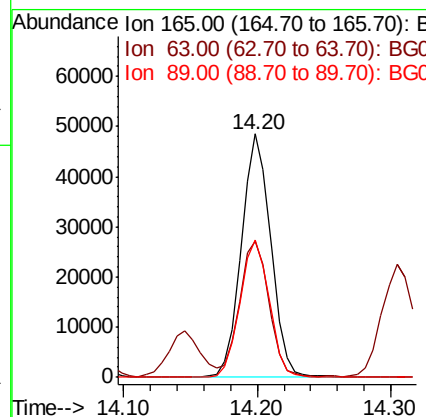
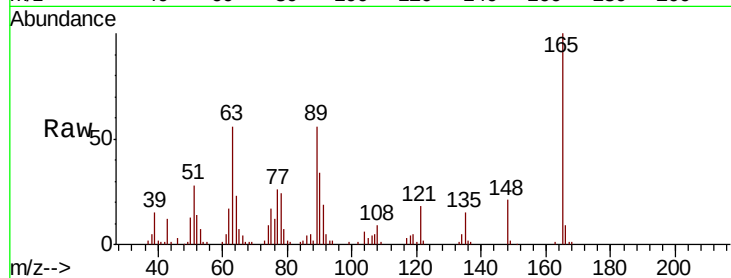
ClientSampleId :

OK-03-111219MSD

Tot Ion:	165	Resp:	73695
Ion Ratio	Lower	Upper	
165	100		
63	56.1	45.0	67.6
89	56.5	39.8	59.8

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#52

Acenaphthene

Concen: 48.037 ng

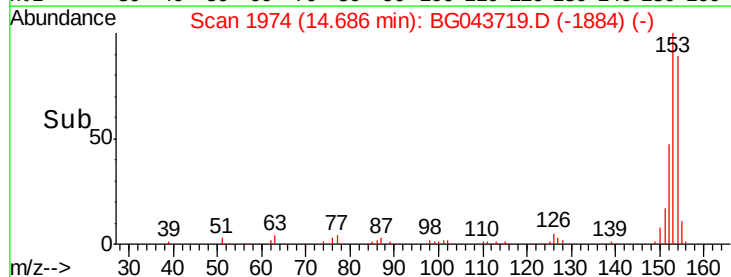
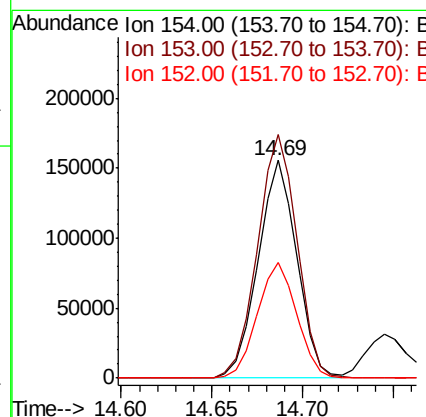
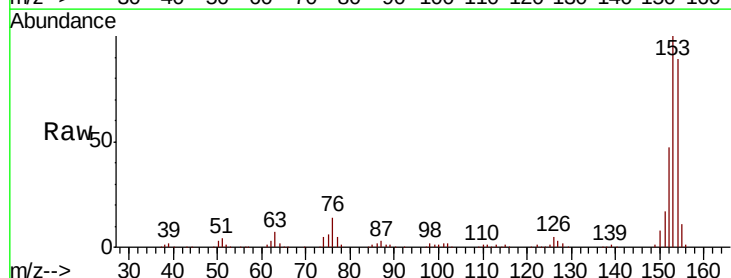
RT: 14.69 min Scan# 1974

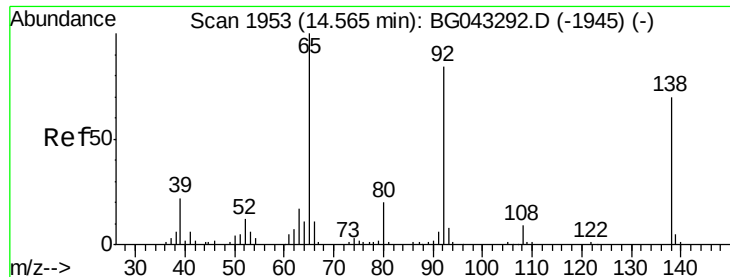
Delta R.T. -0.00 min

Lab File: BG043719.D

Acq: 20 Nov 2019 5:59

Tgt Ion:	154	Resp:	230738
Ion Ratio	Lower	Upper	
154	100		
153	111.8	89.2	133.8
152	52.9	41.4	62.0





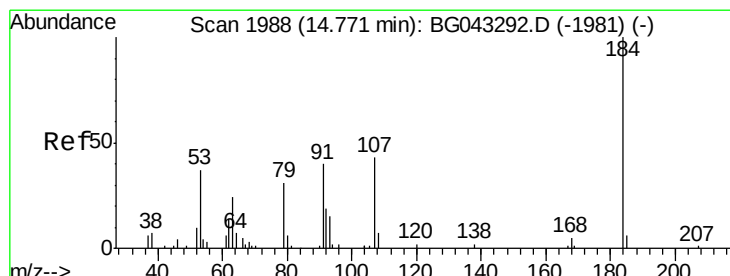
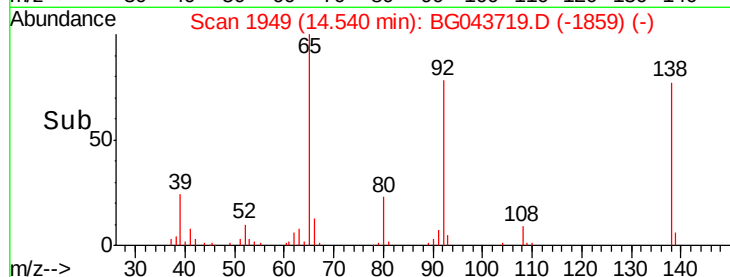
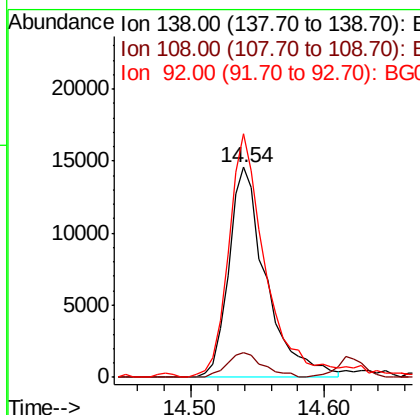
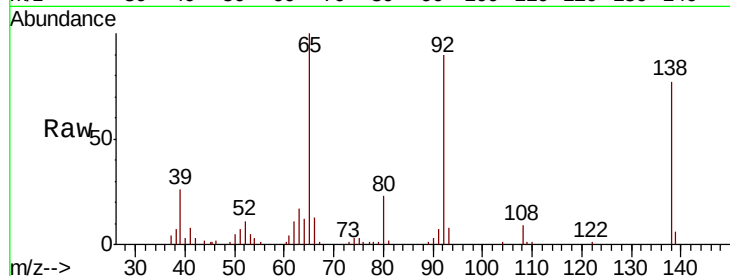
#53
3-Nitroaniline
Concen: 20.037 ng
RT: 14.54 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BG043719.D
Acq: 20 Nov 2019 5:59

Instrument :
BNA_G
ClientSampleId :
OK-03-111219MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.0	9.8	14.8
92	116.1	88.1	132.1

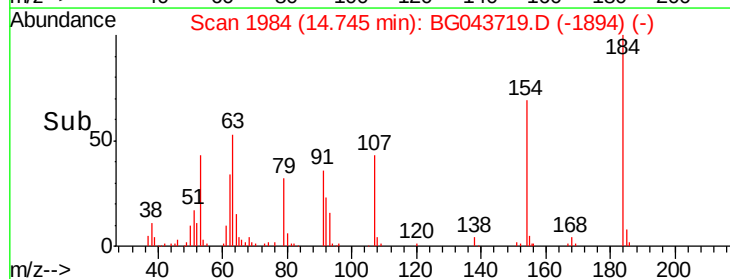
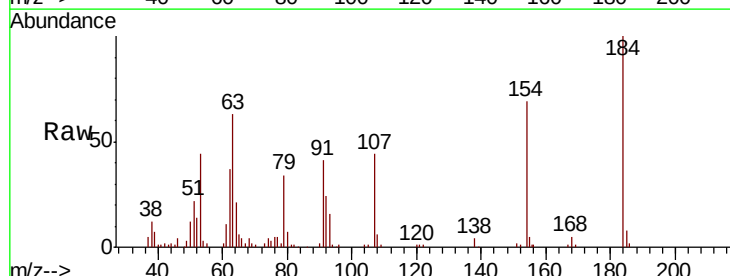
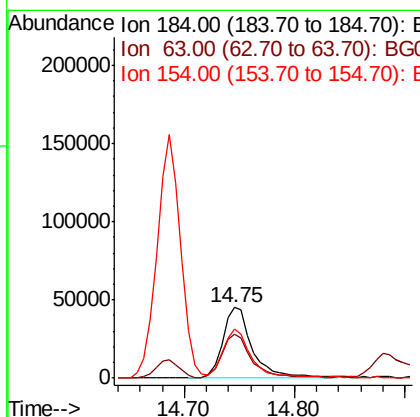
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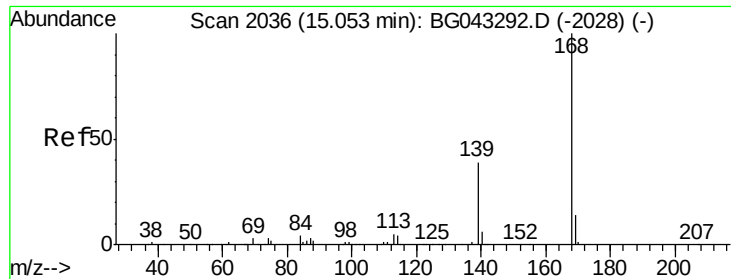
mohammad
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#54
2,4-Dinitrophenol
Concen: 91.245 ng
RT: 14.75 min Scan# 1984
Delta R.T. -0.00 min
Lab File: BG043719.D
Acq: 20 Nov 2019 5:59

Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.0	59.0	88.4
154	69.3	57.4	86.2





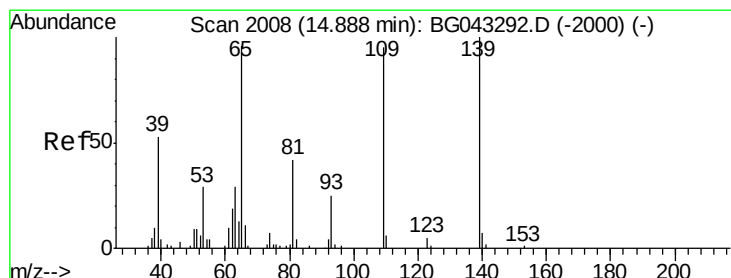
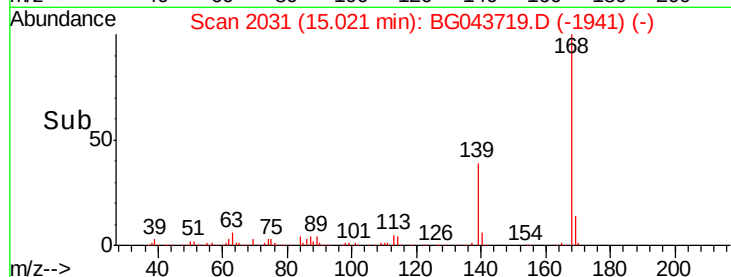
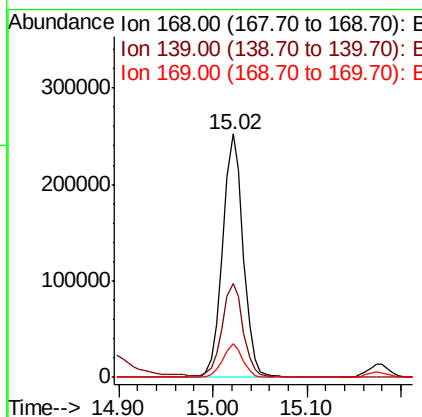
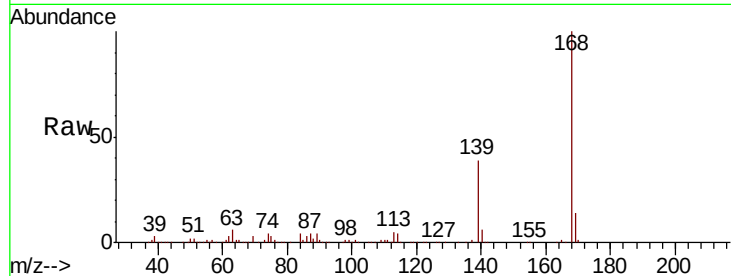
#55
Dibenzofuran
Concen: 49.349 ng
RT: 15.02 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BG043719.D
Acq: 20 Nov 2019 5:59

Instrument :
BNA_G
ClientSampleId :
OK-03-111219MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.6	32.7	49.1
169	13.8	10.6	15.8

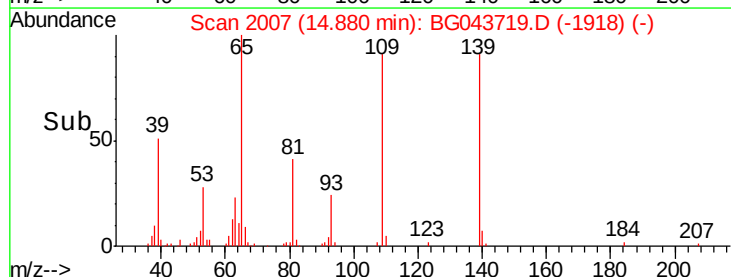
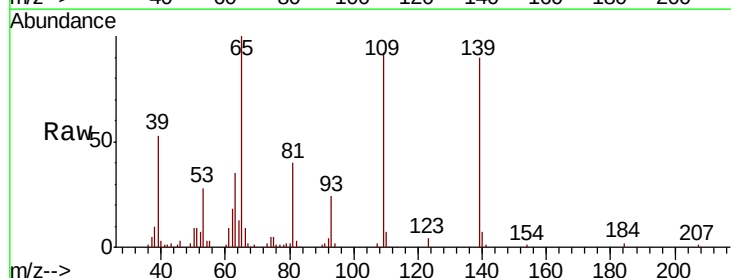
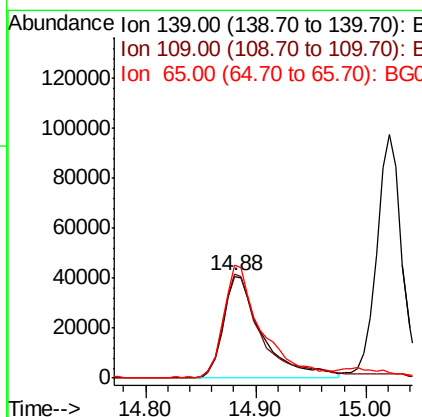
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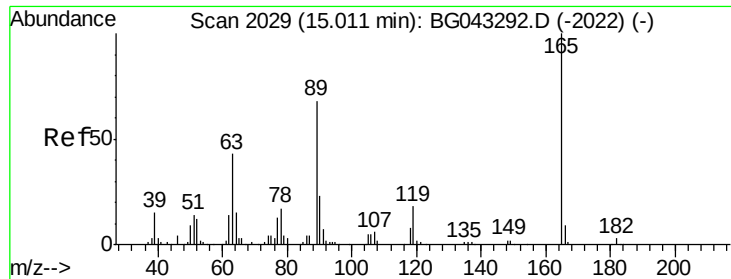
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#56
4-Nitrophenol
Concen: 105.364 ng
RT: 14.88 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BG043719.D
Acq: 20 Nov 2019 5:59

Tgt Ion	Ratio	Lower	Upper
139	100		
109	101.7	64.0	104.0
65	110.8	75.6	115.6





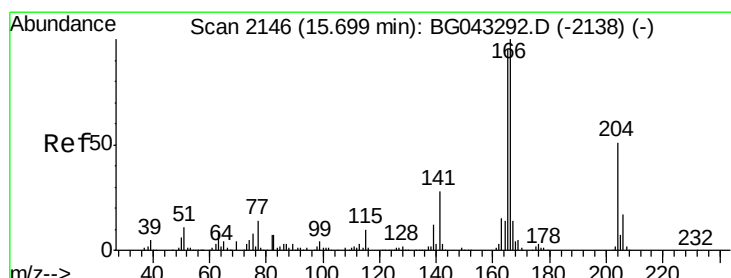
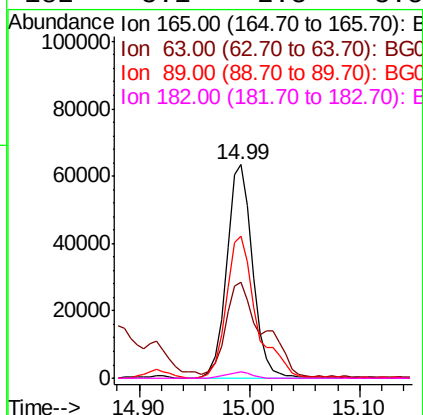
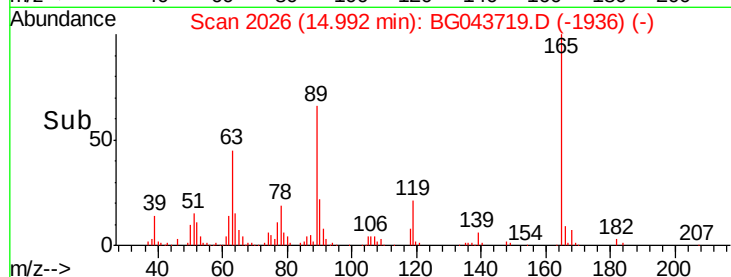
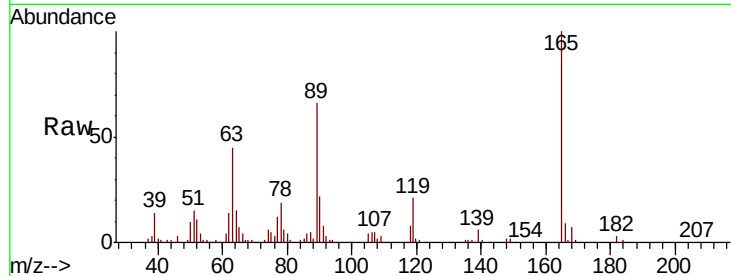
#57
2,4-Dinitrotoluene
Concen: 49.533 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG043719.D
Acq: 20 Nov 2019 5:59

Instrument :
BNA_G
ClientSampleId :
OK-03-111219MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	44.8	37.4	56.0
89	66.2	50.9	76.3
182	3.1	2.3	3.5

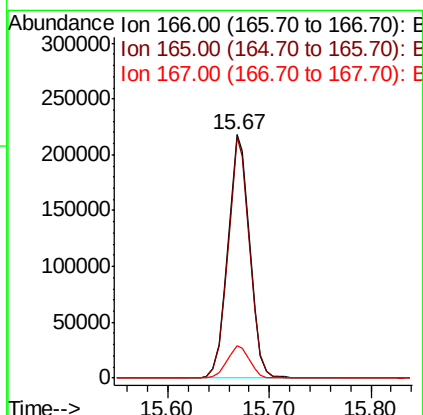
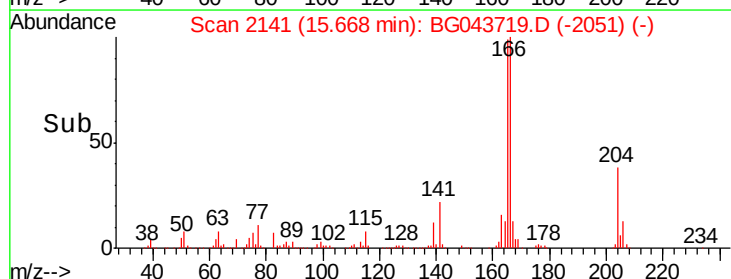
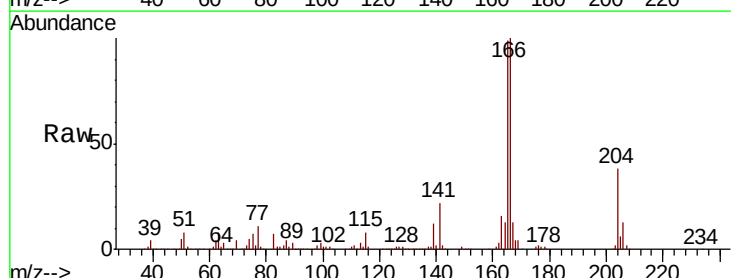
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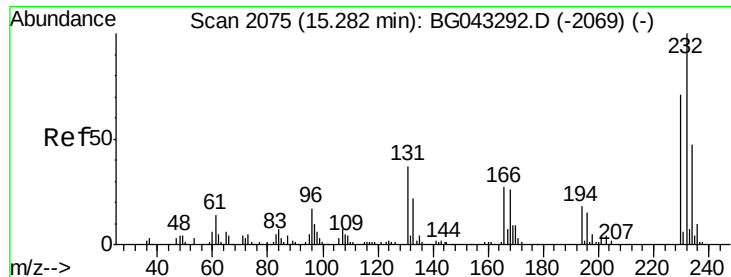
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#58
Fluorene
Concen: 49.686 ng
RT: 15.67 min Scan# 2141
Delta R.T. -0.00 min
Lab File: BG043719.D
Acq: 20 Nov 2019 5:59

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.0	78.4	117.6
167	13.3	11.2	16.8





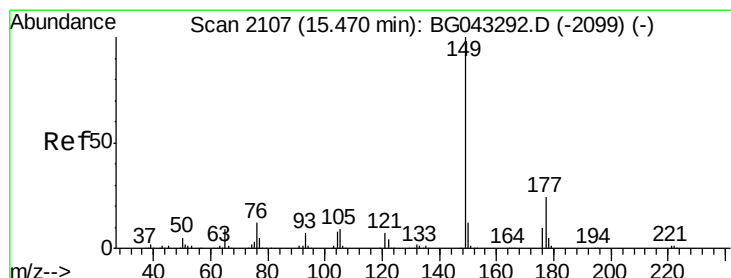
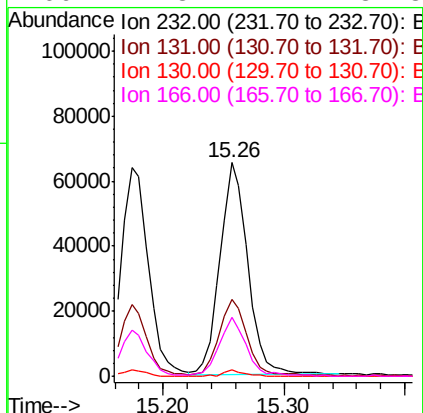
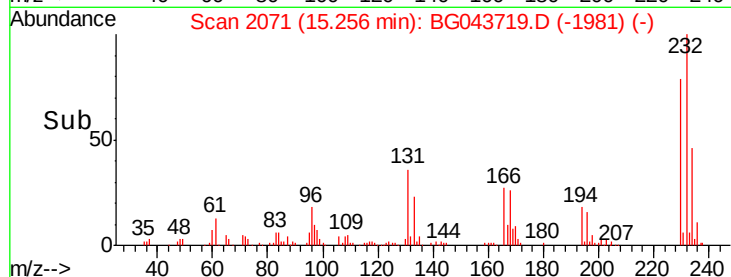
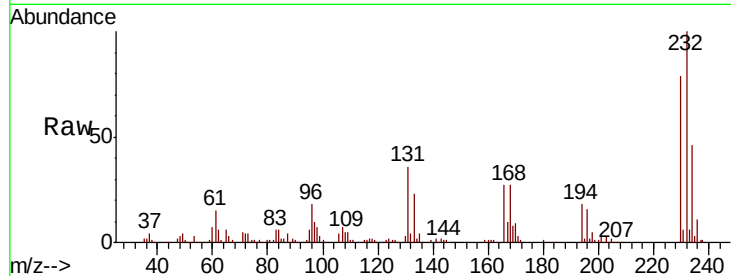
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.813 ng
RT: 15.26 min Scan# 2071
Delta R.T. -0.00 min
Lab File: BG043719.D
Acq: 20 Nov 2019 5:59

Instrument :
BNA_G
ClientSampleId :
OK-03-111219MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100			
131	37.3	29.6	44.4	
130	2.1	1.4	2.0	
166	27.3	21.2	31.8	

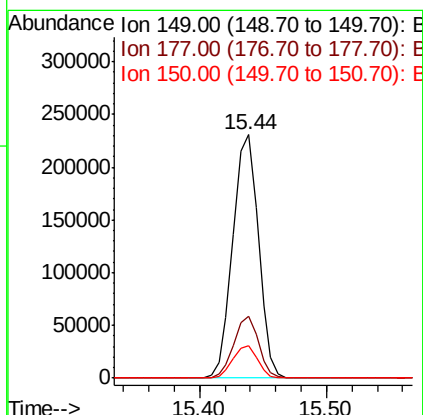
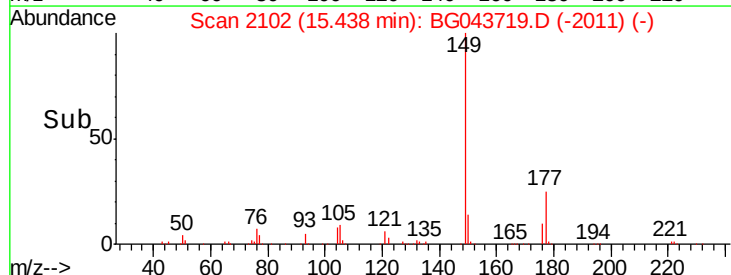
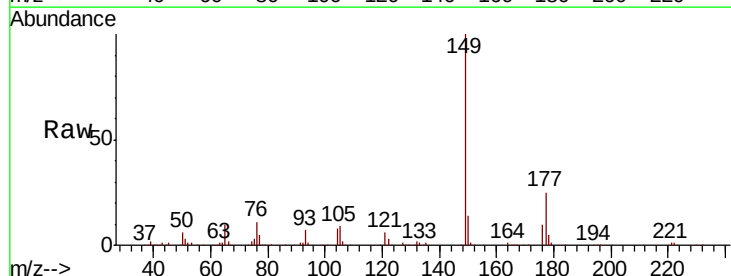
Manual Integrations
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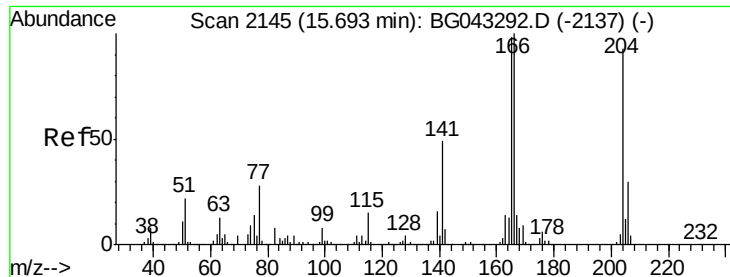
mohammad
11/21/2019 9:04:21 AM



#60
Diethylphthalate
Concen: 47.429 ng
RT: 15.44 min Scan# 2102
Delta R.T. 0.00 min
Lab File: BG043719.D
Acq: 20 Nov 2019 5:59

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
177	25.4	19.3	28.9	
150	13.6	10.5	15.7	





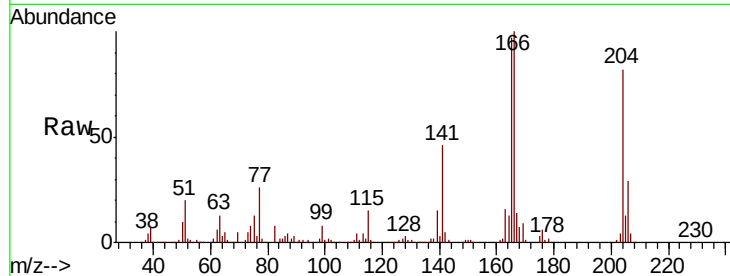
#61
 4-Chlorophenyl-phenylether
 Concen: 48.049 ng
 RT: 15.66 min Scan# 2140
 Delta R.T. -0.00 min
 Lab File: BG043719.D
 Acq: 20 Nov 2019 5:59

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-111219MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.9	28.2	42.4
141	55.8	44.5	66.7

Manual Integrations
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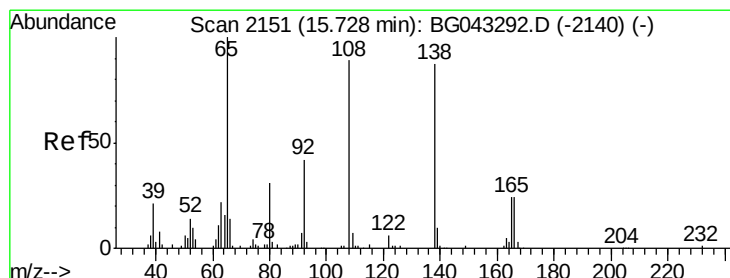
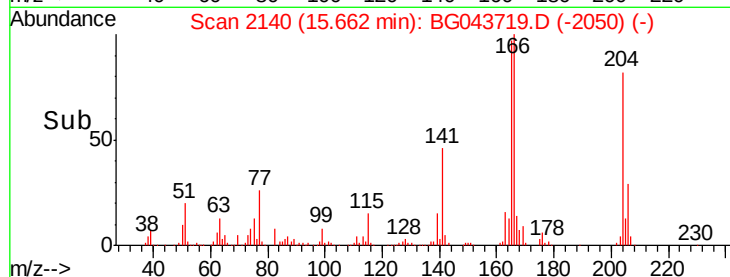
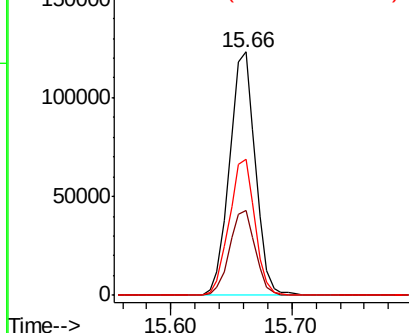


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 43.963 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. 0.00 min
 Lab File: BG043719.D
 Acq: 20 Nov 2019 5:59

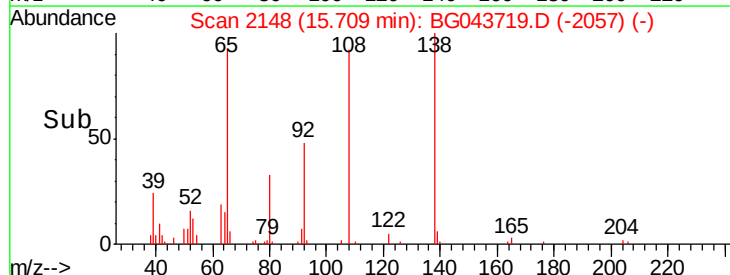
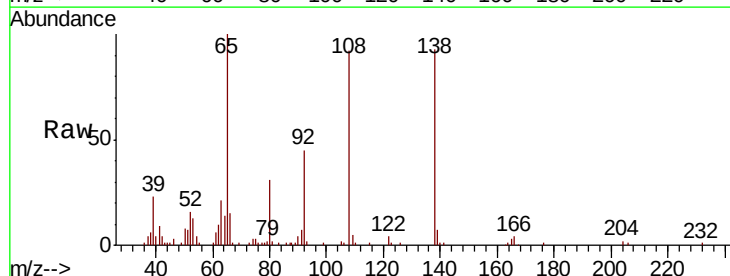
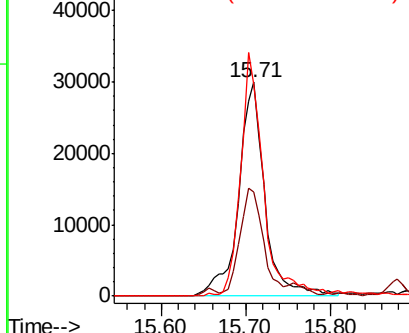
Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.5	31.0	71.0
108	99.0	85.0	125.0

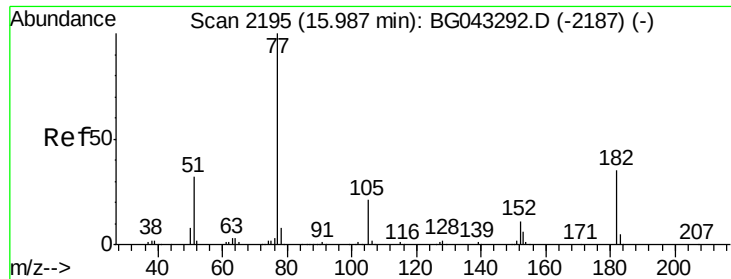
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





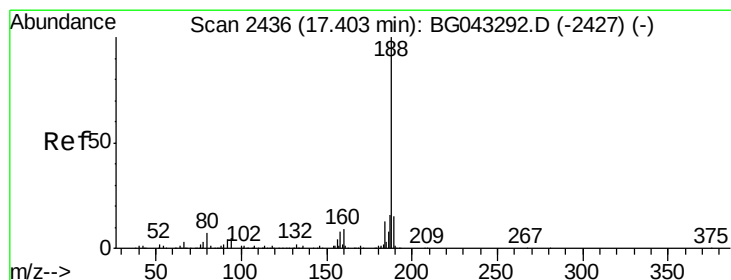
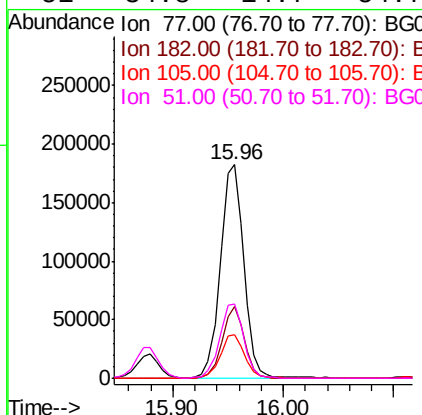
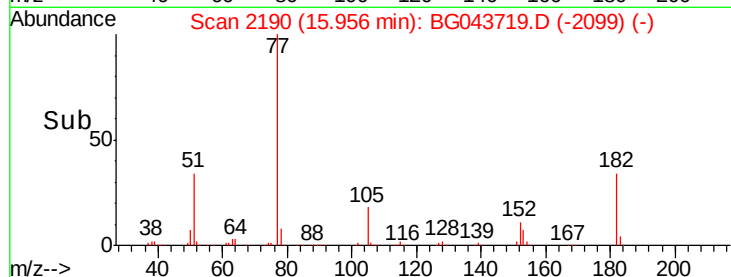
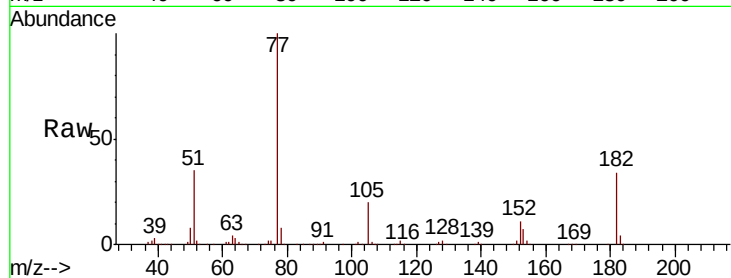
#63
Azobenzene
Concen: 48.796 ng
RT: 15.96 min Scan# 2190
Delta R.T. 0.00 min
Lab File: BG043719.D
Acq: 20 Nov 2019 5:59

Instrument :
BNA_G
ClientSampleId :
OK-03-111219MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	33.7	11.2	51.2
105	20.2	1.5	41.5
51	34.8	14.7	54.7

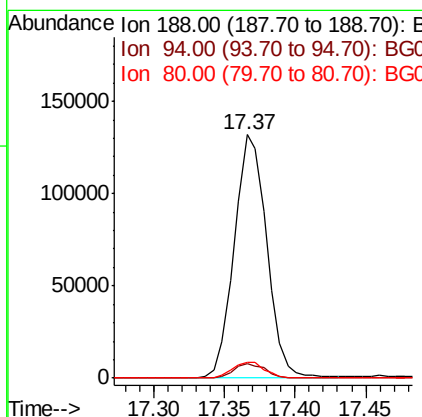
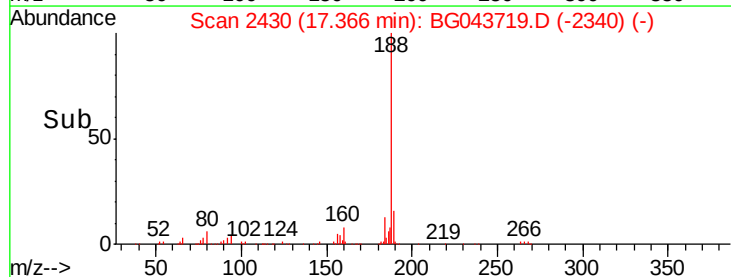
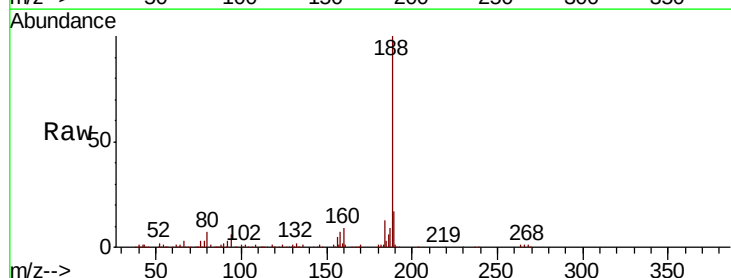
Manual Integrations
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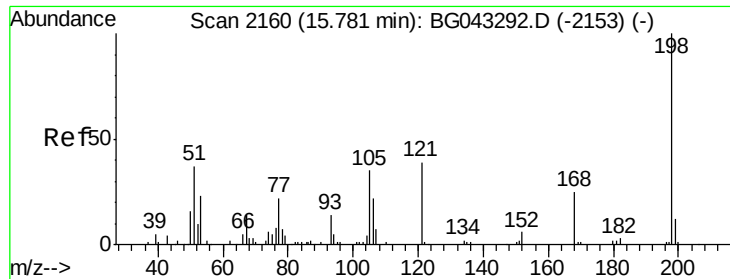
mohammad
11/21/2019 9:04:21 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG043719.D
Acq: 20 Nov 2019 5:59

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.9	4.6	7.0
80	6.7	5.2	7.8





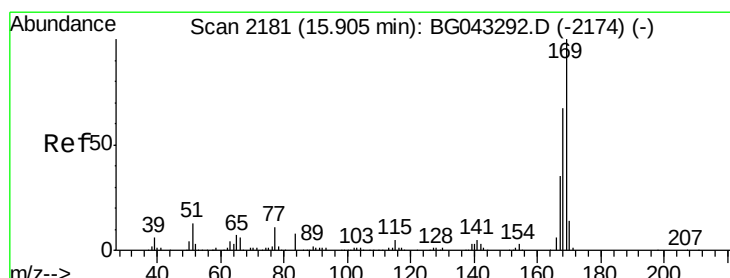
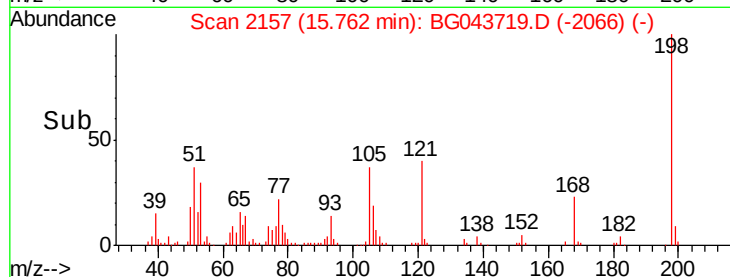
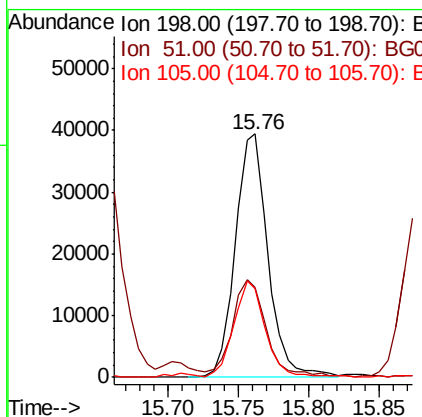
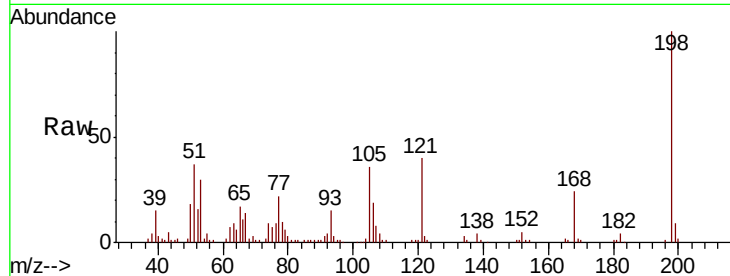
#65
 4,6-Dinitro-2-methylphenol
 Concen: 50.892 ng
 RT: 15.76 min Scan# 2157
 Delta R.T. 0.00 min
 Lab File: BG043719.D
 Acq: 20 Nov 2019 5:59

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-111219MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	63594		
51	36.8		17.3	57.3
105	36.3		13.9	53.9

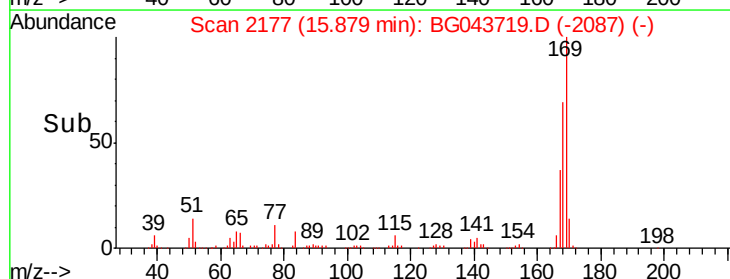
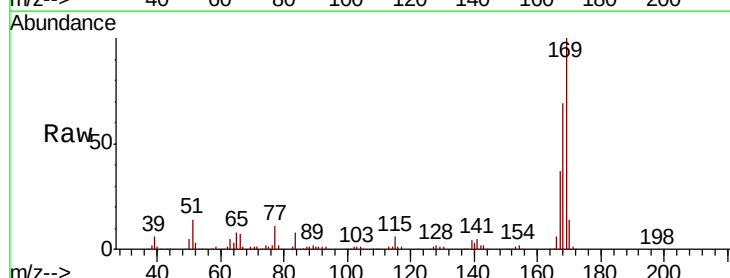
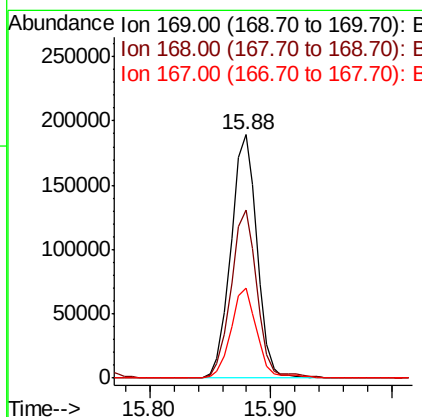
Manual Integrations
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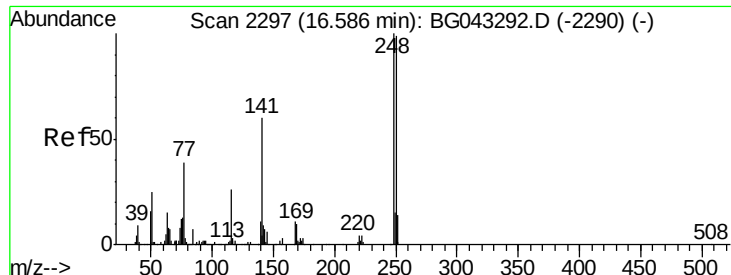
mohammad
 11/21/2019 9:04:21 AM



#66
 n-Nitrosodiphenylamine
 Concen: 47.515 ng
 RT: 15.88 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: BG043719.D
 Acq: 20 Nov 2019 5:59

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	284840		
168	69.3		56.2	84.4
167	37.0		29.8	44.8





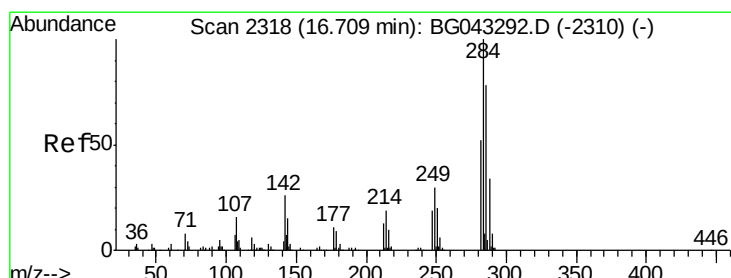
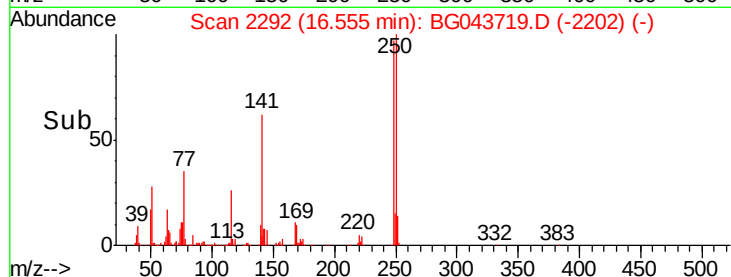
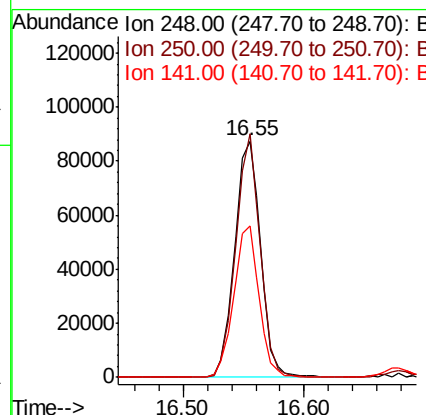
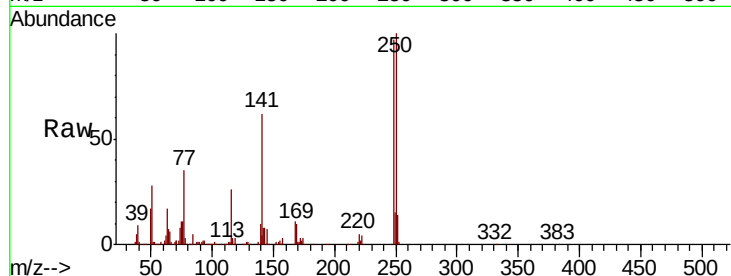
#67
4-Bromophenyl-phenylether
Concen: 45.677 ng
RT: 16.55 min Scan# 2292
Delta R.T. -0.00 min
Lab File: BG043719.D
Acq: 20 Nov 2019 5:59

Instrument :
BNA_G
ClientSampleId :
OK-03-111219MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	103.2	76.3	114.5
141	64.1	49.5	74.3

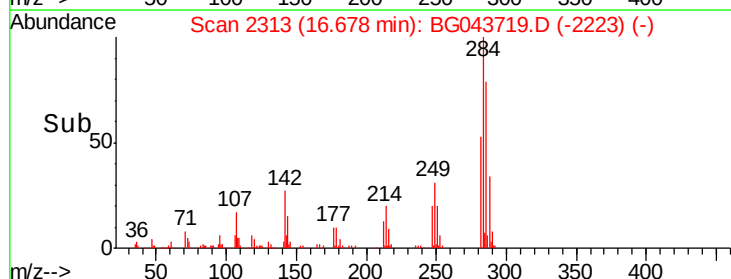
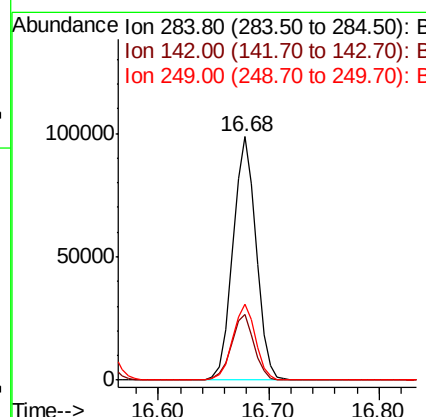
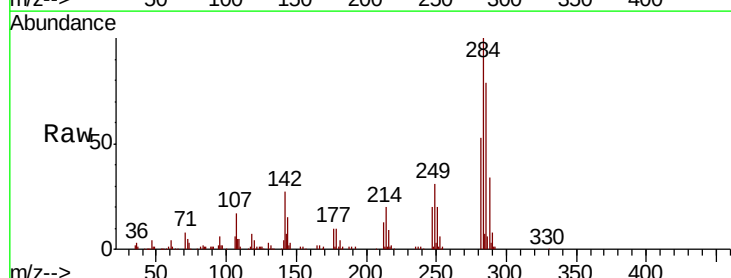
Manual Integrations
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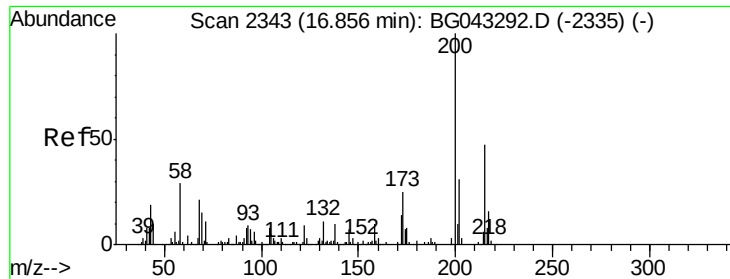
mohammad
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#68
Hexachlorobenzene
Concen: 44.387 ng
RT: 16.68 min Scan# 2313
Delta R.T. -0.00 min
Lab File: BG043719.D
Acq: 20 Nov 2019 5:59

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.2	23.2	34.8
249	31.0	27.0	40.4





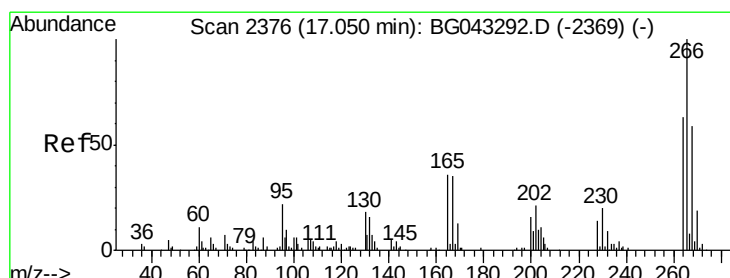
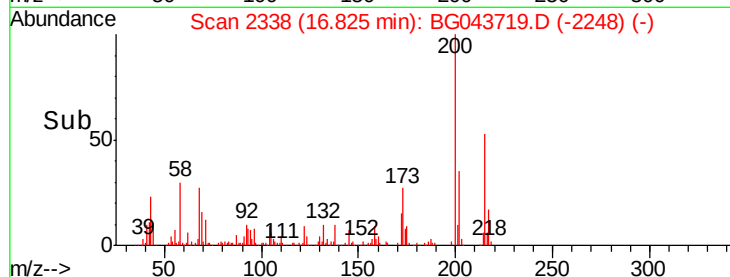
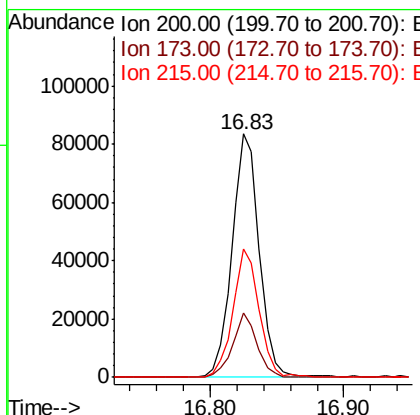
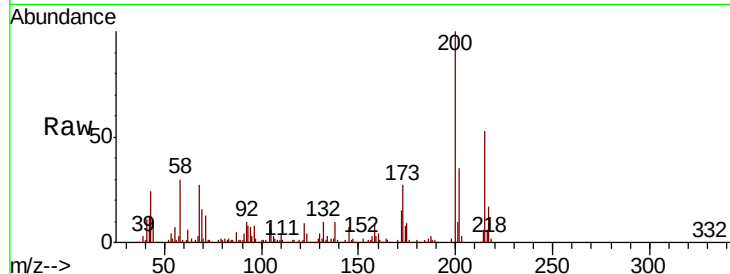
#69
Atrazine
Concen: 56.861 ng
RT: 16.83 min Scan# 2338
Delta R.T. -0.00 min
Lab File: BG043719.D
Acq: 20 Nov 2019 5:59

Instrument :
BNA_G
ClientSampleId :
OK-03-111219MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.6	5.1	45.1
215	52.6	29.8	69.8

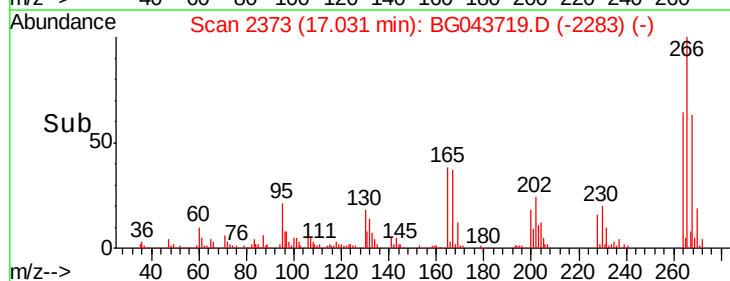
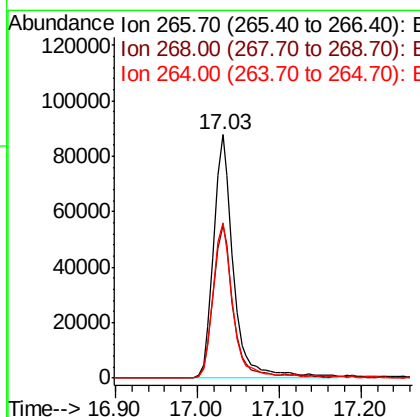
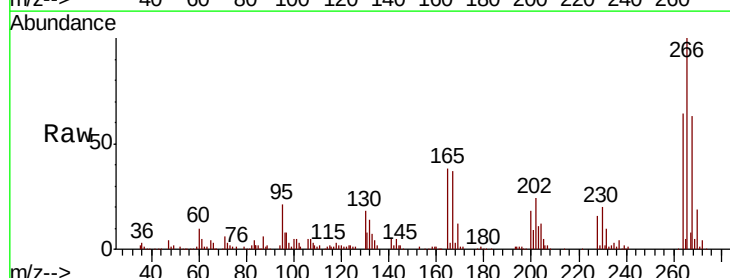
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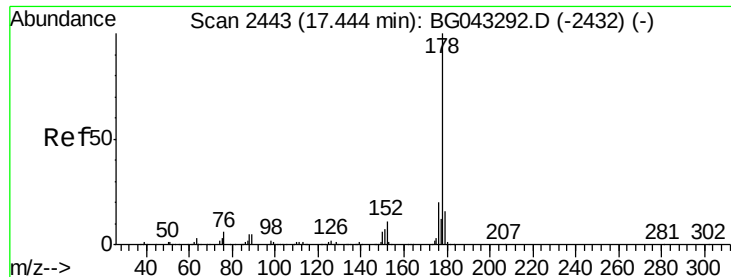
mohammad
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#70
Pentachlorophenol
Concen: 100.265 ng
RT: 17.03 min Scan# 2373
Delta R.T. -0.00 min
Lab File: BG043719.D
Acq: 20 Nov 2019 5:59

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.9	53.2	79.8
264	63.7	48.9	73.3





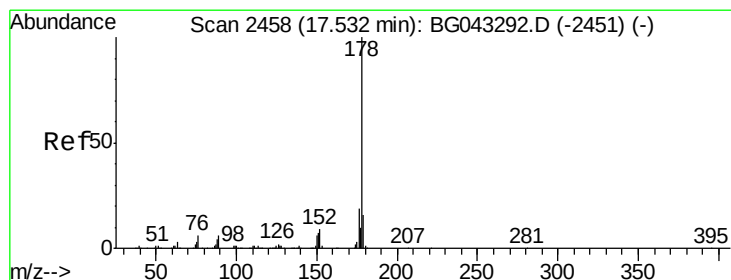
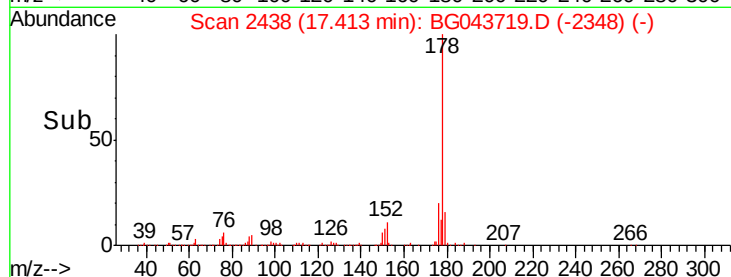
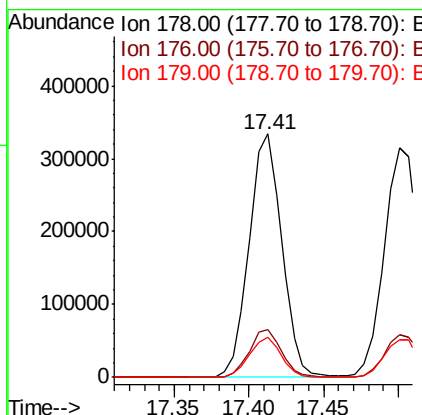
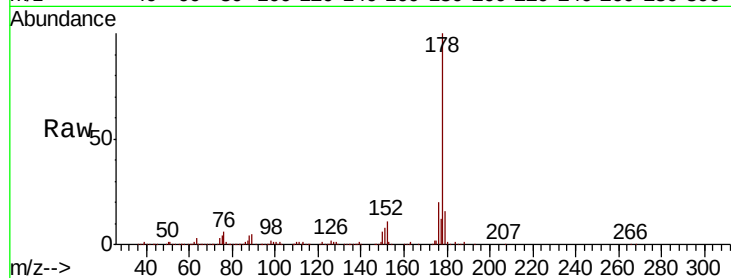
#71
Phenanthrene
Concen: 46.542 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BG043719.D
Acq: 20 Nov 2019 5:59

Instrument :
BNA_G
ClientSampleId :
OK-03-111219MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.0	22.4
179	16.5	13.0	19.4

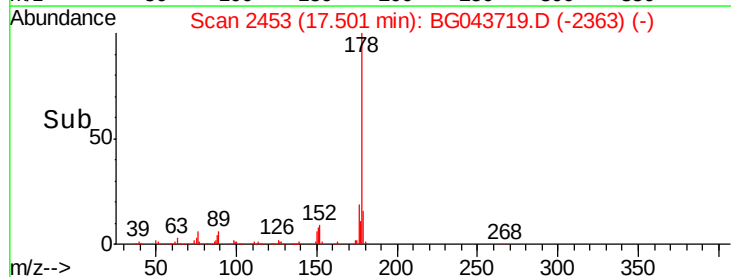
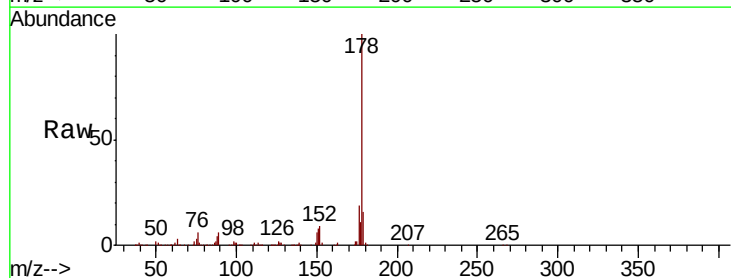
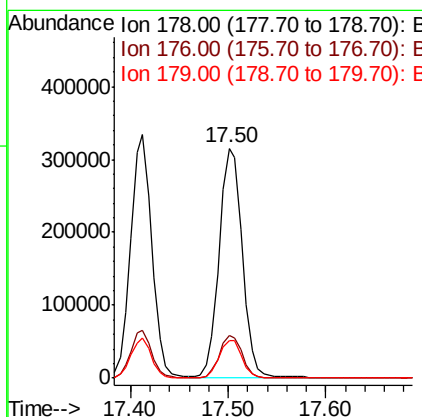
Manual Integrations
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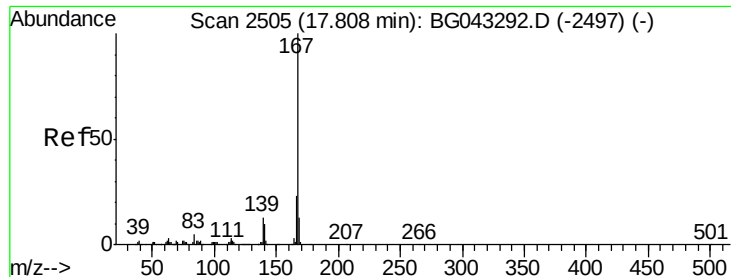
mohammad
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#72
Anthracene
Concen: 47.794 ng
RT: 17.50 min Scan# 2453
Delta R.T. -0.00 min
Lab File: BG043719.D
Acq: 20 Nov 2019 5:59

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	16.3	13.3	19.9





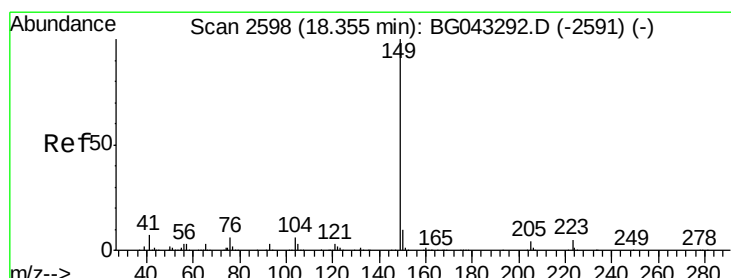
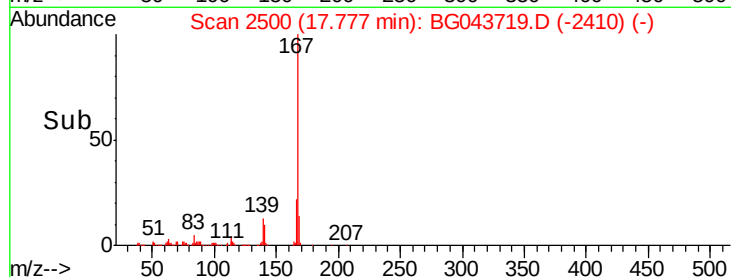
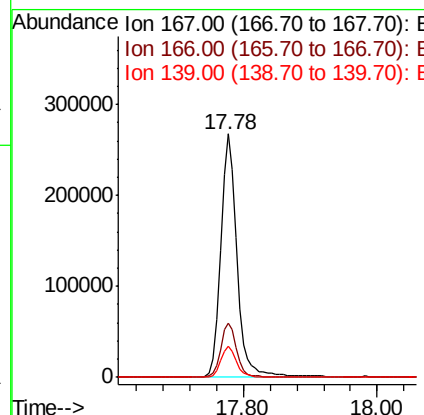
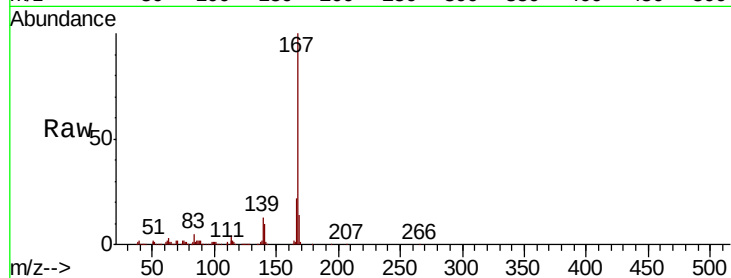
#73
 Carbazole
 Concen: 46.795 ng
 RT: 17.78 min Scan# 2500
 Delta R.T. -0.00 min
 Lab File: BG043719.D
 Acq: 20 Nov 2019 5:59

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-111219MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.6	26.4
139	13.0	10.3	15.5

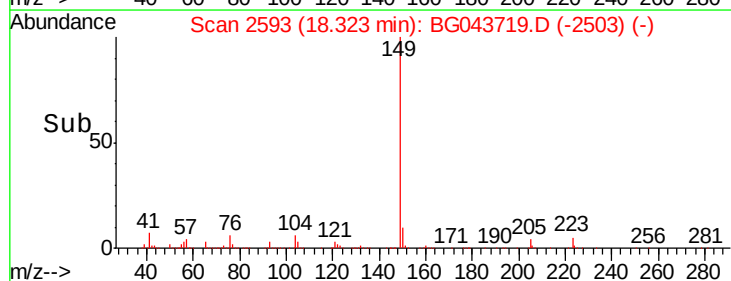
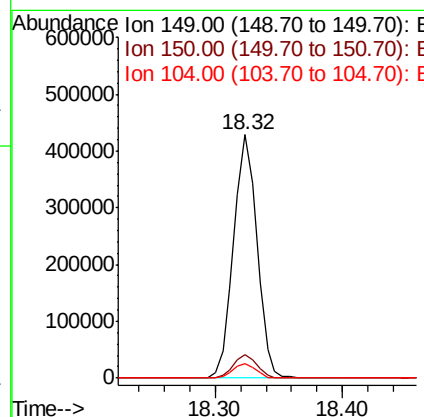
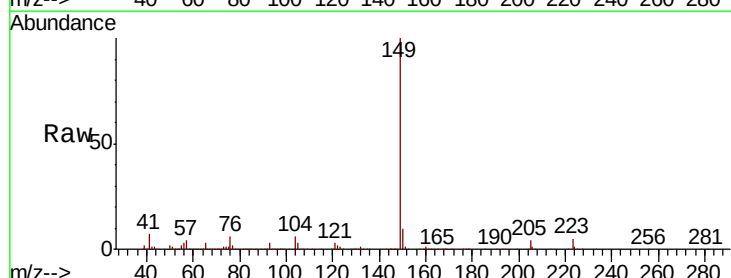
Manual Integrations
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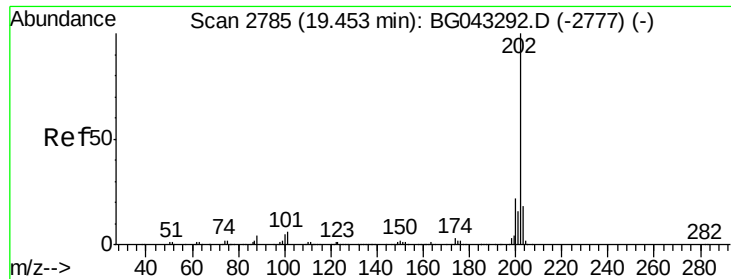
mohammad
 11/21/2019 9:04:21 AM



#74
 Di-n-butylphthalate
 Concen: 45.842 ng
 RT: 18.32 min Scan# 2593
 Delta R.T. -0.00 min
 Lab File: BG043719.D
 Acq: 20 Nov 2019 5:59

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.6	11.4
104	5.8	4.7	7.1





#75

Fluoranthene

Concen: 46.758 ng

RT: 19.42 min Scan# 2780

Delta R.T. -0.00 min

Lab File: BG043719.D

Acq: 20 Nov 2019 5:59

Instrument :

BNA_G

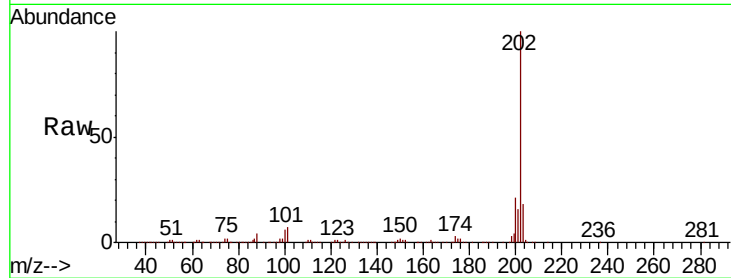
ClientSampleId :

OK-03-111219MSD

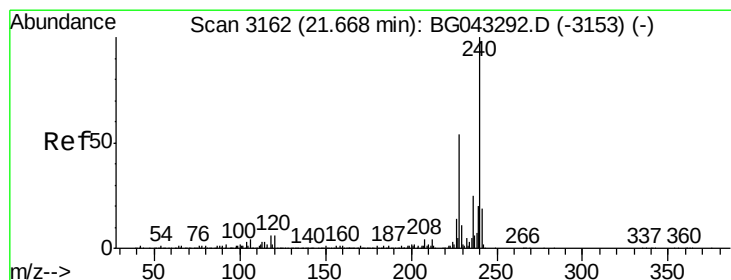
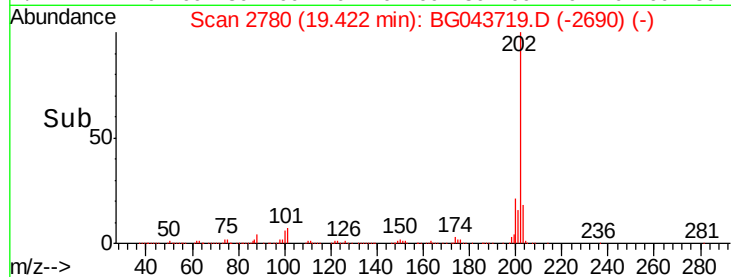
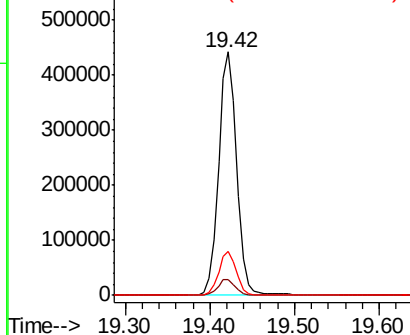
Tot Ion:	202	Resp:	662813
Ion Ratio	Lower	Upper	
202	100		
101	6.6	0.0	25.6
203	17.9	0.0	37.6

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.63 min Scan# 3156

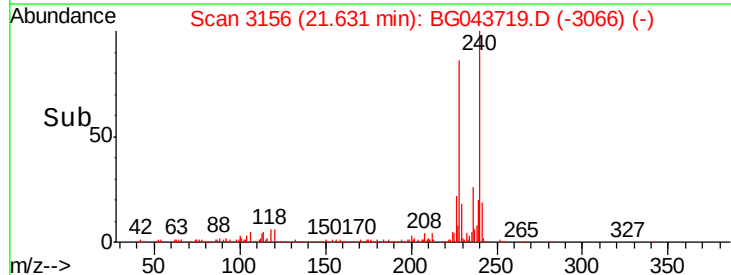
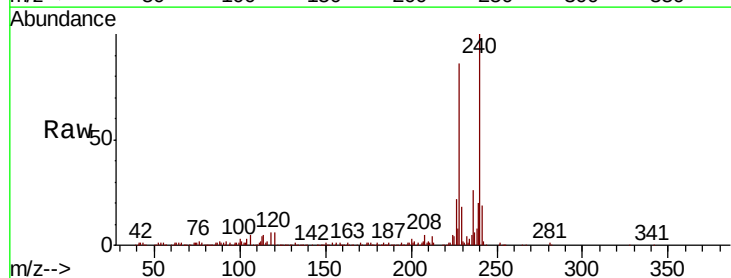
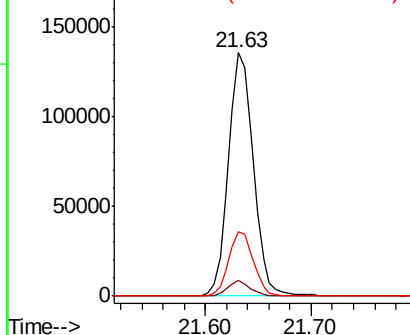
Delta R.T. -0.00 min

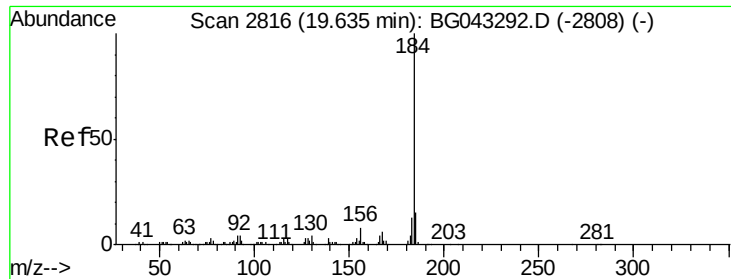
Lab File: BG043719.D

Acq: 20 Nov 2019 5:59

Tgt Ion:	240	Resp:	221713
Ion Ratio	Lower	Upper	
240	100		
120	6.4	4.9	7.3
236	26.3	21.4	32.0

Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 7.836 ng

RT: 19.61 min Scan# 2812

Delta R.T. -0.00 min

Lab File: BG043719.D

Acq: 20 Nov 2019 5:59

Instrument :

BNA_G

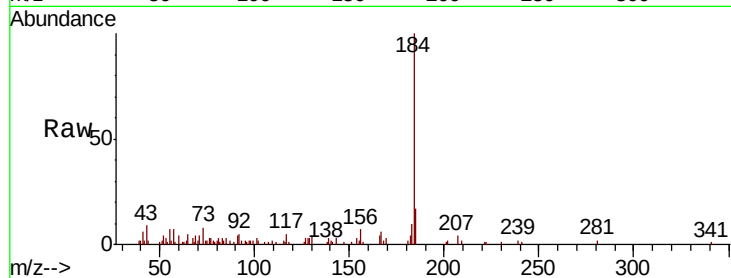
ClientSampleId :

OK-03-111219MSD

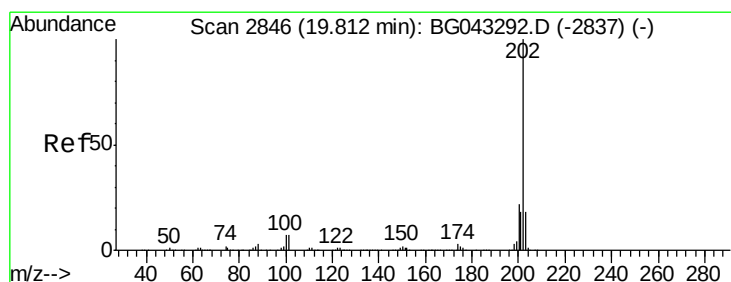
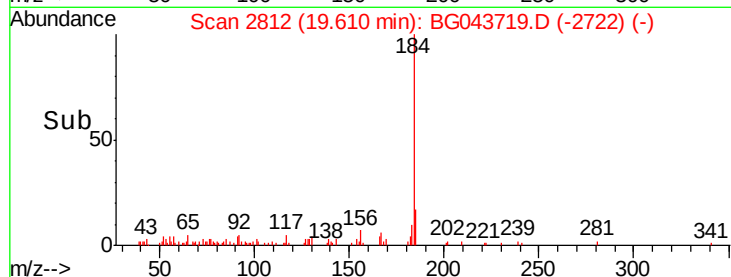
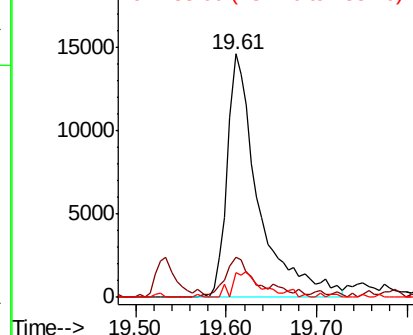
Tot Ion:	184	Resp:	34964
Ion Ratio	Lower	Upper	
184	100		
185	16.6	12.7	19.1
183	9.9	8.8	13.2

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



#78

Pyrene

Concen: 48.443 ng

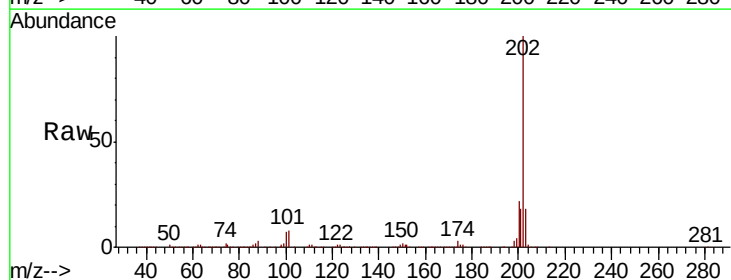
RT: 19.78 min Scan# 2841

Delta R.T. -0.00 min

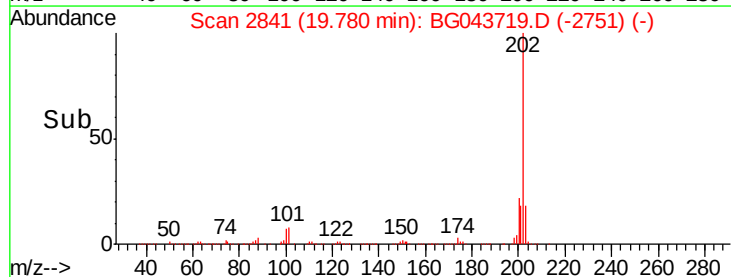
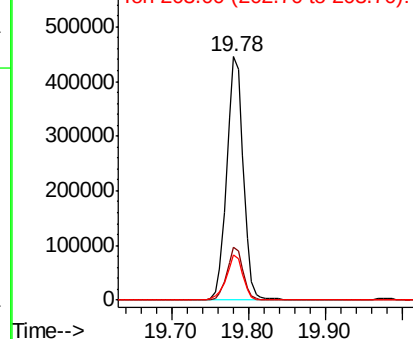
Lab File: BG043719.D

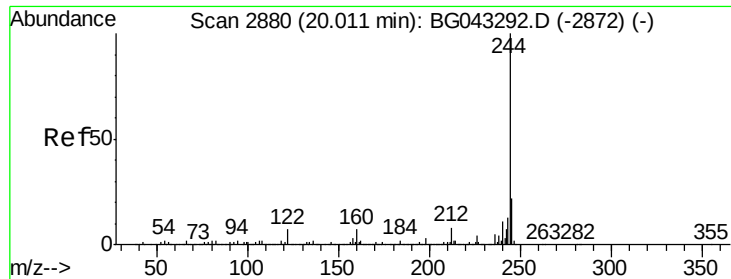
Acq: 20 Nov 2019 5:59

Tgt Ion:	202	Resp:	664821
Ion Ratio	Lower	Upper	
202	100		
200	21.7	16.9	25.3
203	18.3	14.8	22.2



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





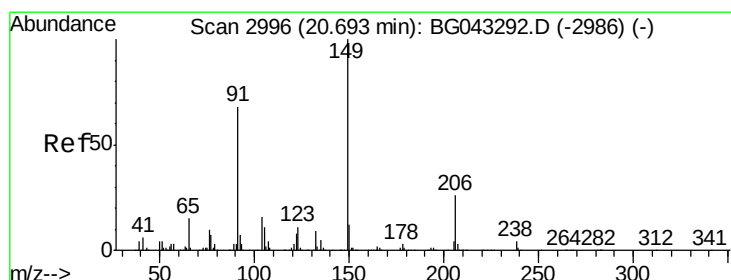
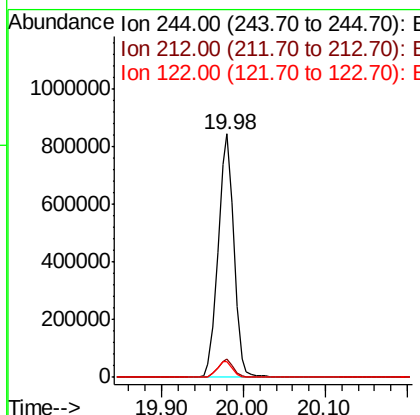
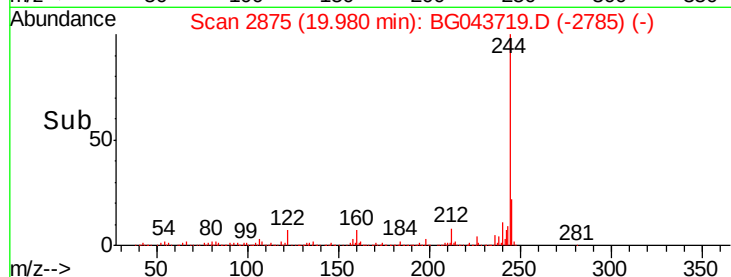
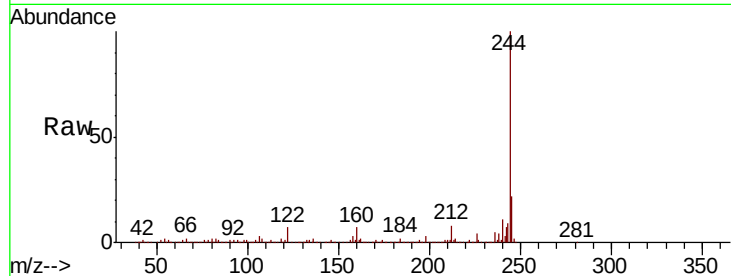
#79
 Terphenyl-d14
 Concen: 96.242 ng
 RT: 19.98 min Scan# 2875
 Delta R.T. -0.00 min
 Lab File: BG043719.D
 Acq: 20 Nov 2019 5:59

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-111219MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.6	8.4
122	6.6	5.2	7.8

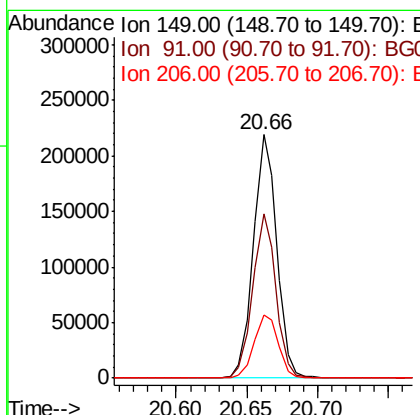
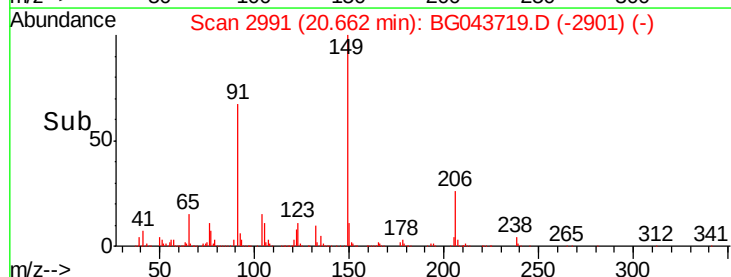
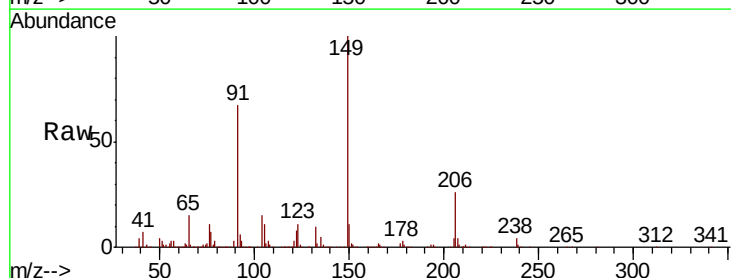
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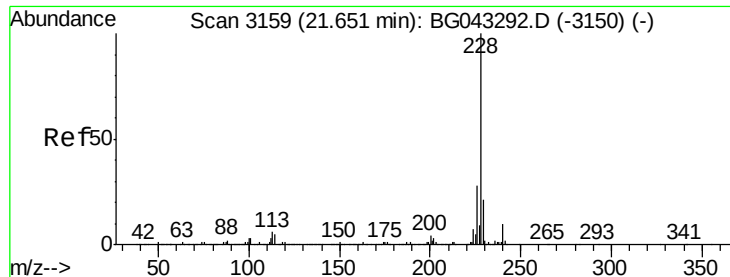
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#80
 Butylbenzylphthalate
 Concen: 49.257 ng
 RT: 20.66 min Scan# 2991
 Delta R.T. -0.00 min
 Lab File: BG043719.D
 Acq: 20 Nov 2019 5:59

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.2	55.4	83.0
206	26.1	20.2	30.4





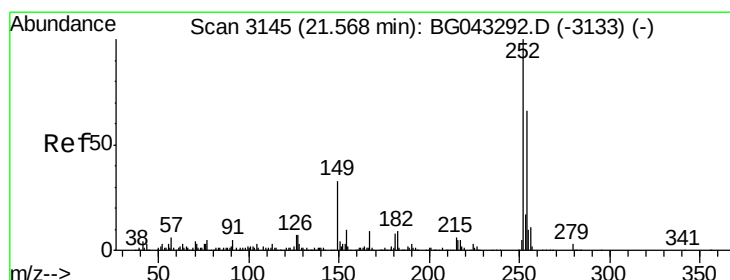
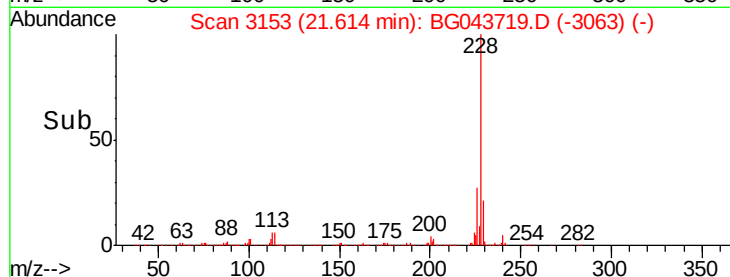
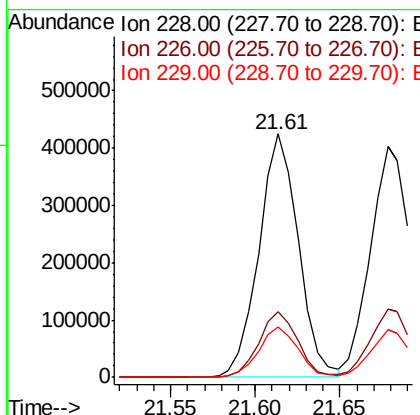
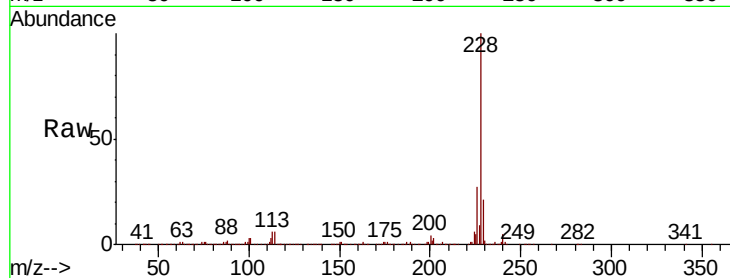
#81
Benzo(a)anthracene
Concen: 49.512 ng
RT: 21.61 min Scan# 3153
Delta R.T. -0.00 min
Lab File: BG043719.D
Acq: 20 Nov 2019 5:59

Instrument :
BNA_G
ClientSampleId :
OK-03-111219MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.8	32.6
229	20.8	15.9	23.9

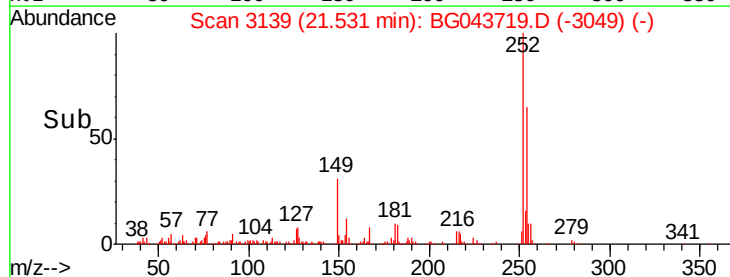
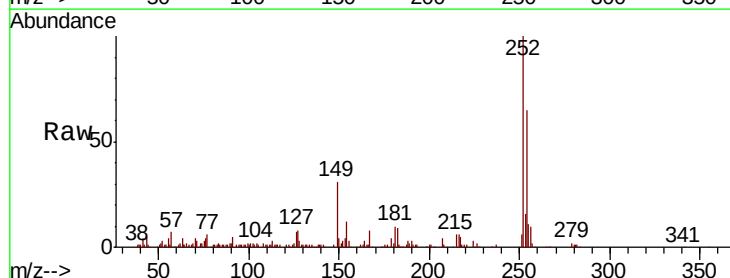
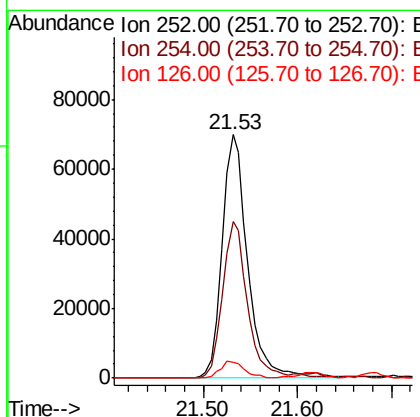
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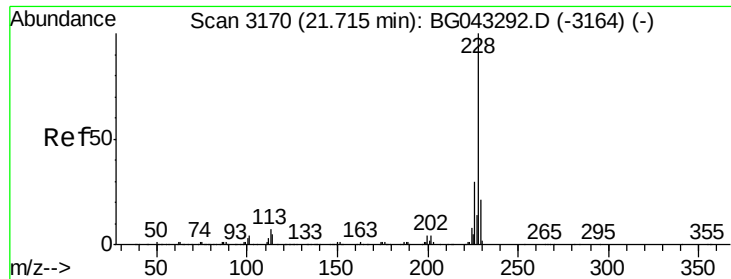
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#82
3,3'-Dichlorobenzidine
Concen: 24.594 ng
RT: 21.53 min Scan# 3139
Delta R.T. -0.00 min
Lab File: BG043719.D
Acq: 20 Nov 2019 5:59

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.5	50.2	75.4
126	6.6	5.4	8.0





#83

Chrysene

Concen: 48.266 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.00 min

Lab File: BG043719.D

Acq: 20 Nov 2019 5:59

Instrument :

BNA_G

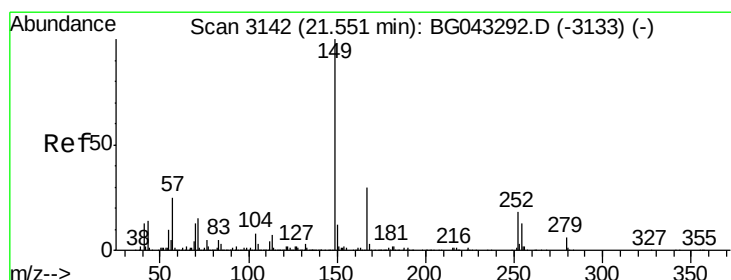
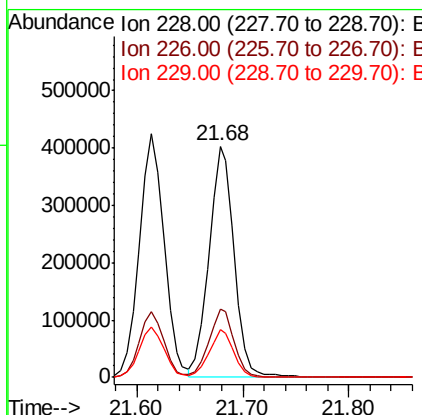
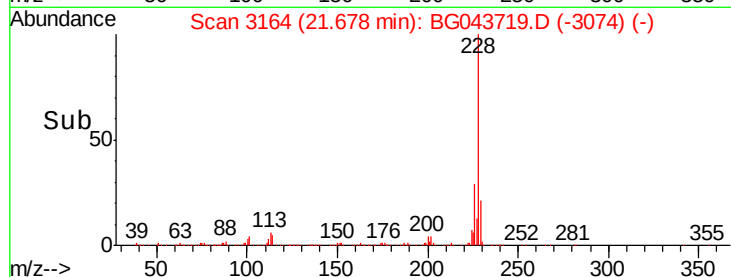
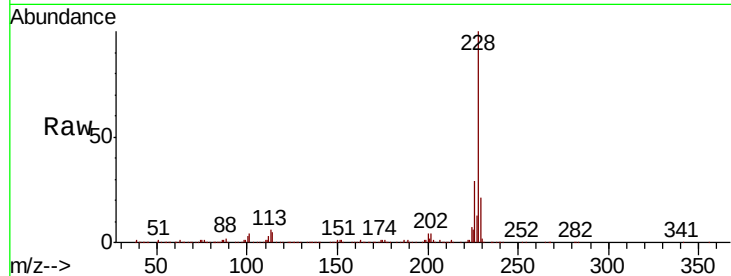
ClientSampleId :

OK-03-111219MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.3	34.9
229	20.7	16.5	24.7

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#84

Bis(2-ethylhexyl)phthalate

Concen: 49.586 ng

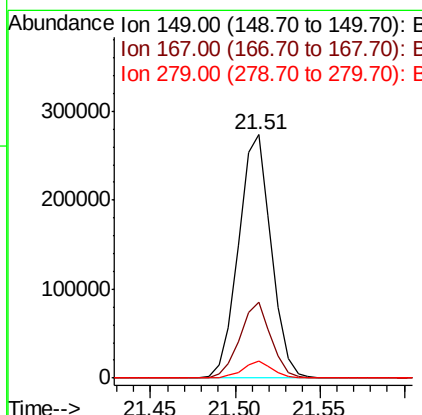
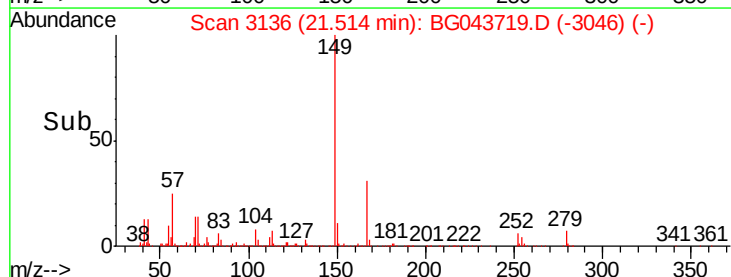
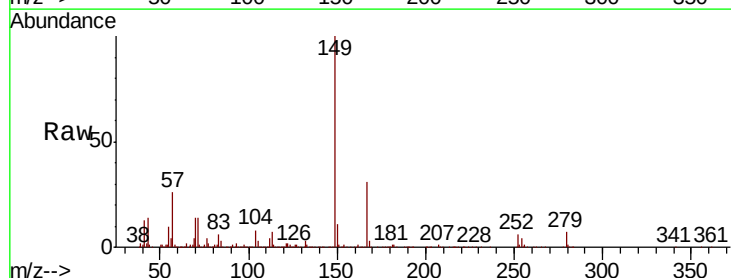
RT: 21.51 min Scan# 3136

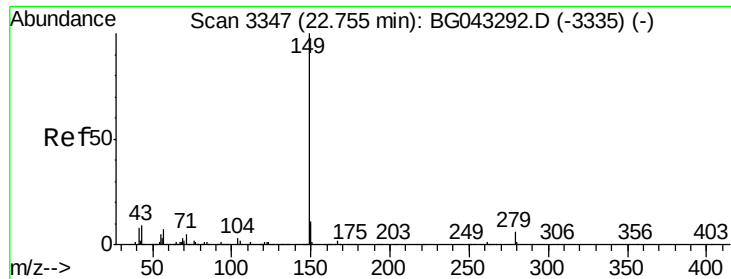
Delta R.T. -0.00 min

Lab File: BG043719.D

Acq: 20 Nov 2019 5:59

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.2	24.8	37.2
279	6.8	5.4	8.0





#85

Di-n-octyl phthalate

Concen: 50.076 ng

RT: 22.70 min Scan# 3338

Delta R.T. -0.01 min

Lab File: BG043719.D

Acq: 20 Nov 2019 5:59

Instrument :

BNA_G

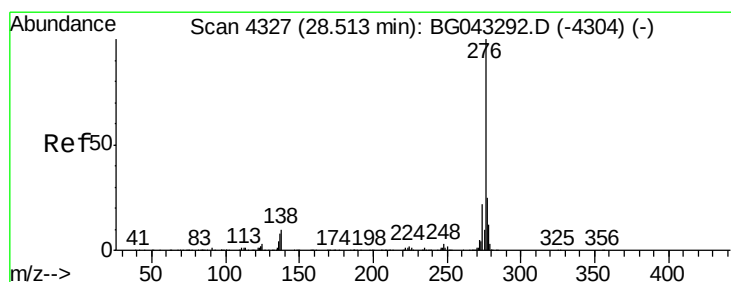
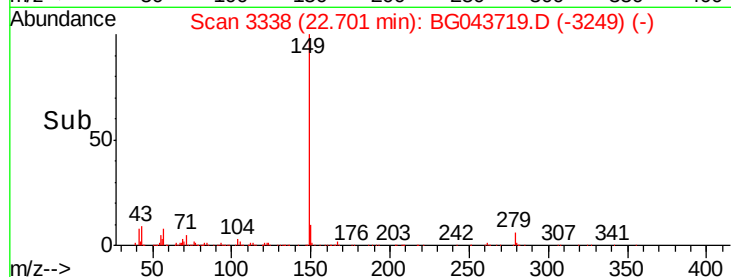
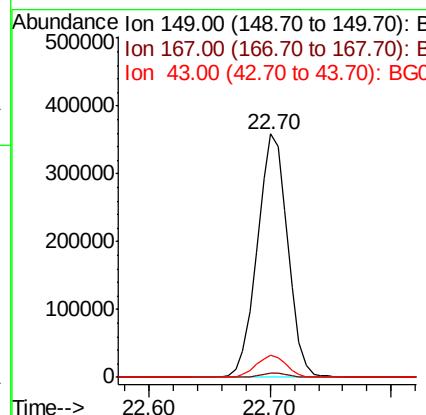
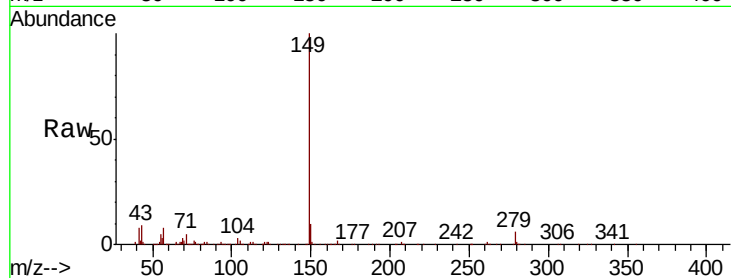
ClientSampleId :

OK-03-111219MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100		627483		
167	1.8	1.4	2.2		
43	8.9	7.8	11.8		

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#86

Indeno(1,2,3-cd)pyrene

Concen: 49.925 ng

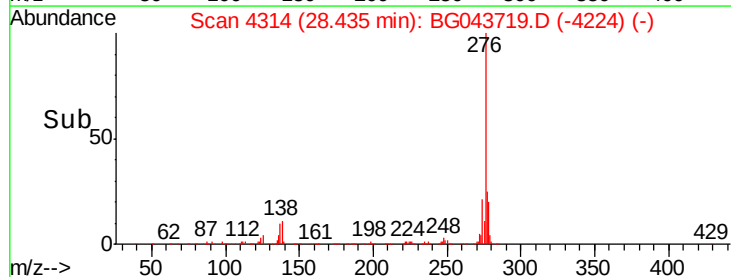
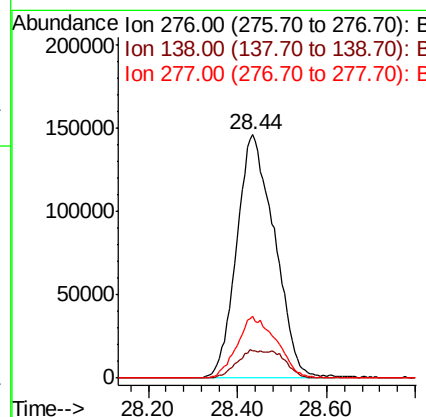
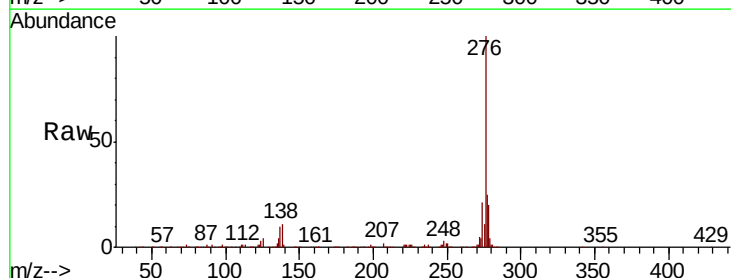
RT: 28.44 min Scan# 4314

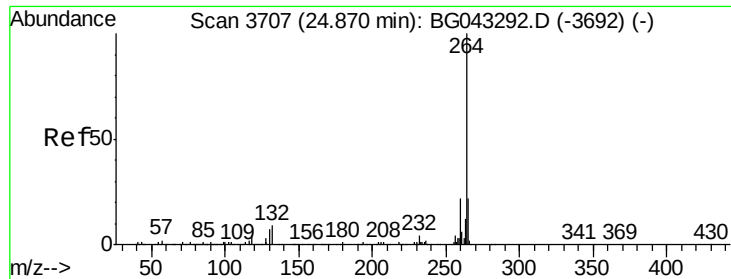
Delta R.T. -0.00 min

Lab File: BG043719.D

Acq: 20 Nov 2019 5:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
276	100		864752		
138	7.9	11.3	16.9#		
277	26.2	20.6	31.0		





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.81 min Scan# 3697

Delta R.T. -0.00 min

Lab File: BG043719.D

Acq: 20 Nov 2019 5:59

Instrument :

BNA_G

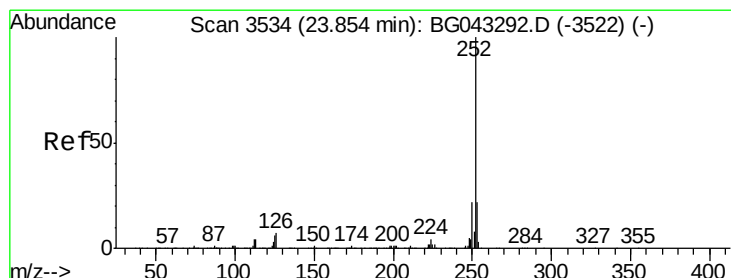
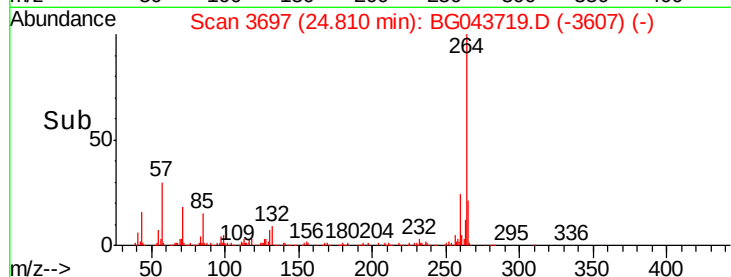
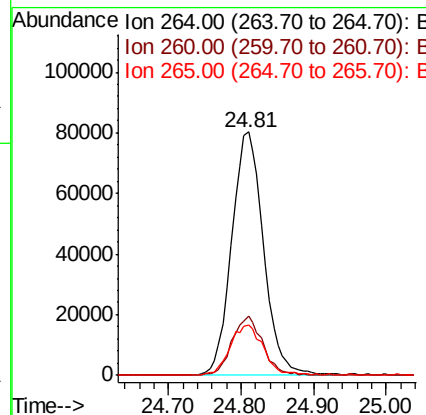
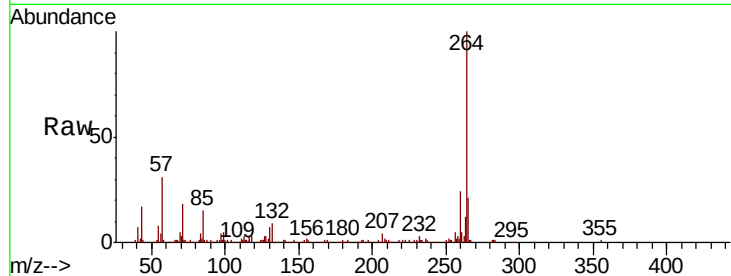
ClientSampleId :

OK-03-111219MSD

Tot Ion:	264	Resp:	245295
Ion Ratio	Lower	Upper	
264	100		
260	24.5	18.4	27.6
265	20.9	15.8	23.8

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#88

Benzo(b)fluoranthene

Concen: 51.142 ng

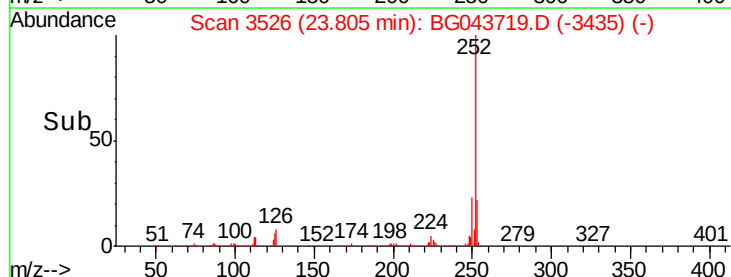
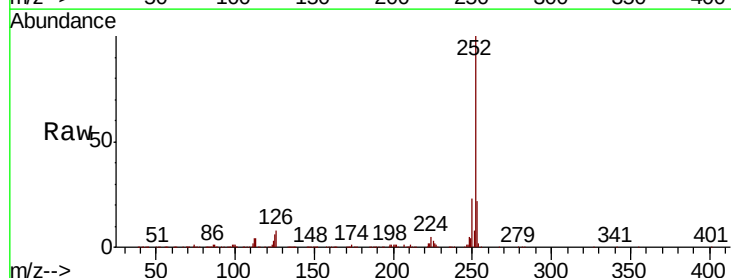
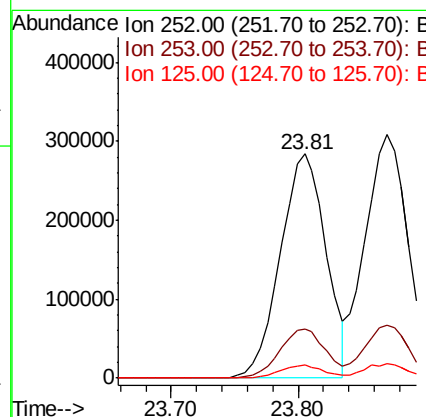
RT: 23.81 min Scan# 3526

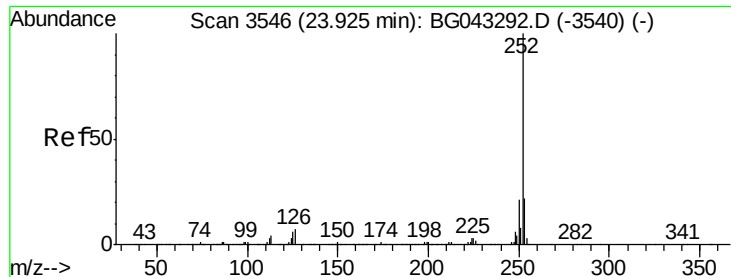
Delta R.T. 0.00 min

Lab File: BG043719.D

Acq: 20 Nov 2019 5:59

Tgt Ion:	252	Resp:	710504
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.7	26.5
125	5.9	4.5	6.7





#89

Benzo(k)fluoranthene

Concen: 52.551 ng

RT: 23.87 min Scan# 3537

Delta R.T. -0.00 min

Lab File: BG043719.D

Acq: 20 Nov 2019 5:59

Instrument :

BNA_G

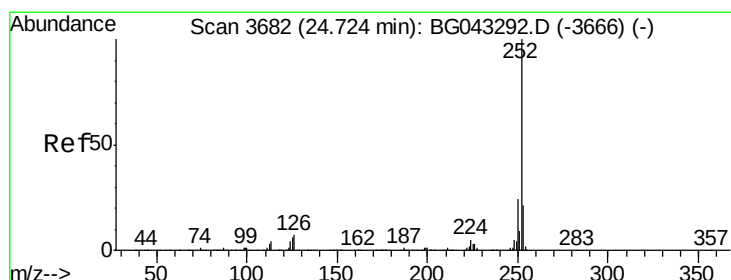
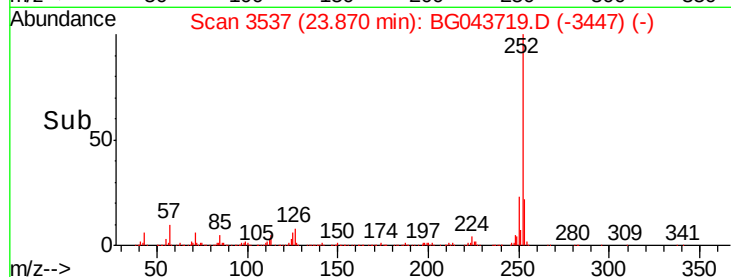
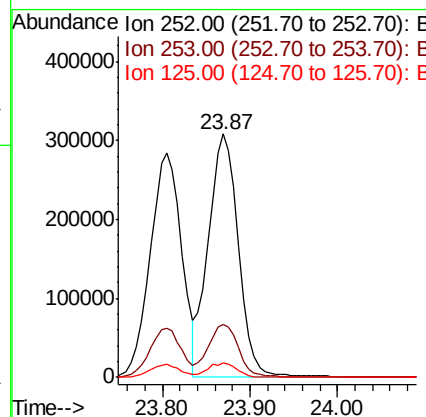
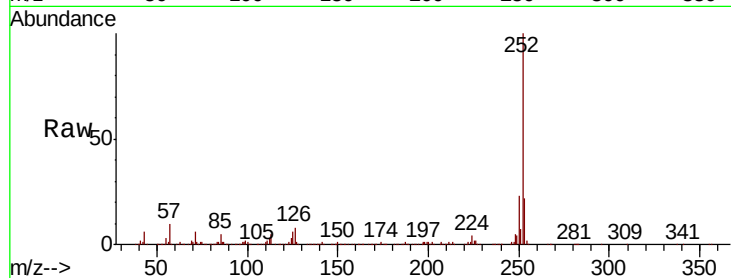
ClientSampleId :

OK-03-111219MSD

Tot Ion:	252	Resp:	734967
Ion Ratio	Lower	Upper	
252	100		
253	21.6	18.0	27.0
125	5.9	4.7	7.1

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#90

Benzo(a)pyrene

Concen: 49.899 ng

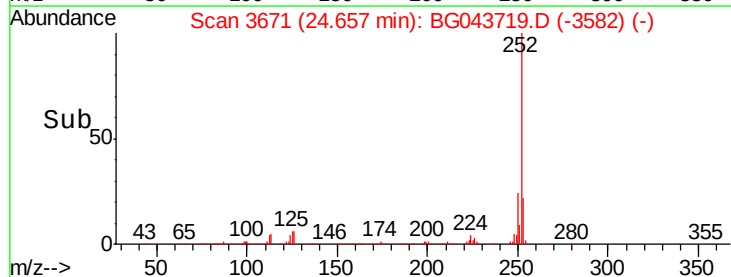
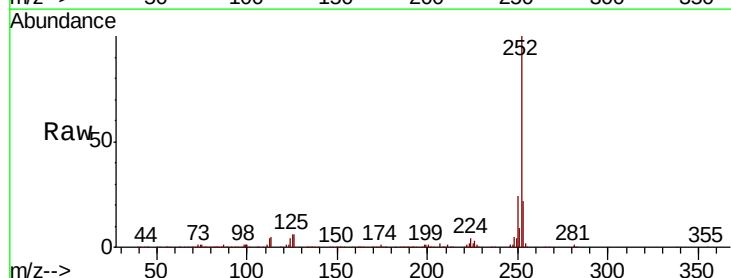
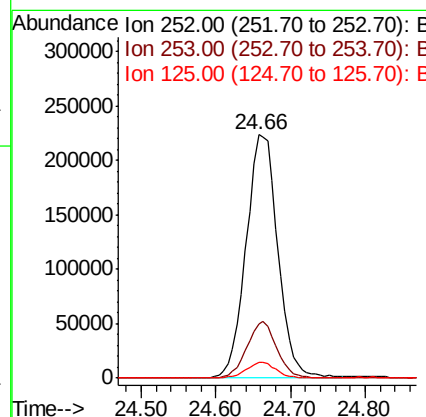
RT: 24.66 min Scan# 3671

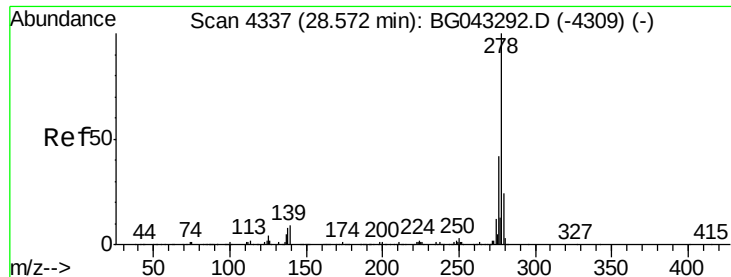
Delta R.T. -0.01 min

Lab File: BG043719.D

Acq: 20 Nov 2019 5:59

Tgt Ion:	252	Resp:	661994
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.9	26.9
125	6.2	5.0	7.6





#91

Dibenzo(a,h)anthracene

Concen: 54.359 ng

RT: 28.49 min Scan# 4324

Delta R.T. 0.00 min

Lab File: BG043719.D

Acq: 20 Nov 2019 5:59

Instrument :

BNA_G

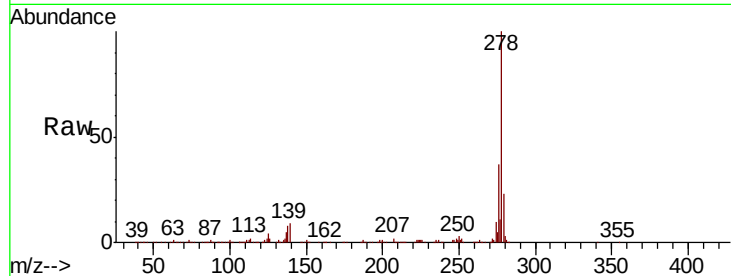
ClientSampleId :

OK-03-111219MSD

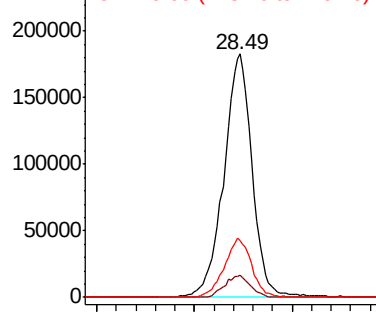
Tot Ion:	278	Resp:	737642
Ion Ratio	Lower	Upper	
278	100		
139	9.1	7.2	10.8
279	23.3	19.0	28.4

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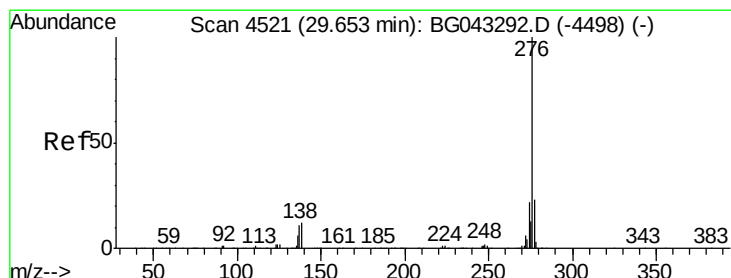
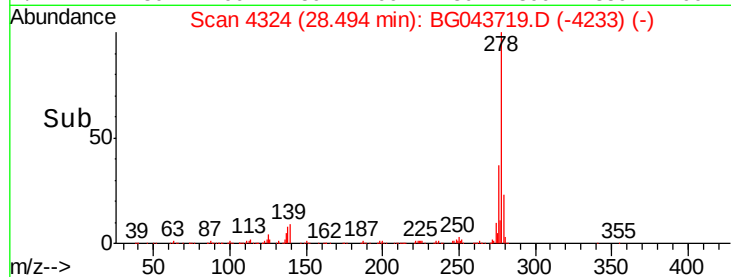
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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



Time-->



#92

Benzo(g,h,i)perylene

Concen: 54.509 ng

RT: 29.57 min Scan# 4507

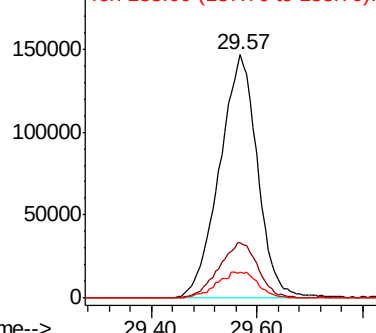
Delta R.T. -0.01 min

Lab File: BG043719.D

Acq: 20 Nov 2019 5:59

Tgt Ion:	276	Resp:	729610
Ion Ratio	Lower	Upper	
276	100		
277	23.0	19.8	29.6
138	10.9	9.7	14.5

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



Time-->

