

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111519\
 Data File : BG043666.D
 Acq On : 16 Nov 2019 1:04
 Operator : JU
 Sample : K5832-10MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 8-(8-10)MSD

Manual Integrations
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mohammad
 11/18/2019 3:07:15 PM

Quant Time: Nov 16 02:54:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	25171	20.00	ng	-0.02
21) Naphthalene-d8	10.80	136	100286	20.00	ng	-0.02
39) Acenaphthene-d10	14.62	164	76233	20.00	ng	-0.02
64) Phenanthrene-d10	17.37	188	178955	20.00	ng	-0.02
76) Chrysene-d12	21.64	240	198480	20.00	ng	-0.02
87) Perylene-d12	24.82	264	235828	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	235184	171.21	ng	0.00
7) Phenol-d6	7.20	99	344686	174.41	ng	0.00
23) Nitrobenzene-d5	9.16	82	211019	108.48	ng	-0.02
42) 2,4,6-Tribromophenol	16.12	330	212394	146.41	ng	-0.01
45) 2-Fluorobiphenyl	13.25	172	569371	103.20	ng	-0.02
79) Terphenyl-d14	19.98	244	1108435	104.77	ng	-0.02

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.45	88	19339	36.128	ng	# 90
3) Pyridine	3.85	79	48747	36.101	ng	94
4) n-Nitrosodimethylamine	3.76	42	34732	50.974	ng	79
6) Aniline	7.32	93	69074	30.340	ng	94
8) 2-Chlorophenol	7.57	128	76607	50.521	ng	98
9) Benzaldehyde	7.13	77	34425	35.444	ng	90
10) Phenol	7.22	94	105392	58.358	ng	98
11) bis(2-Chloroethyl)ether	7.41	93	62780	44.963	ng	98
12) 1,3-Dichlorobenzene	7.88	146	81882	43.100	ng	97
13) 1,4-Dichlorobenzene	8.03	146	83128	43.247	ng	95
14) 1,2-Dichlorobenzene	8.35	146	80839	43.073	ng	99
15) Benzyl Alcohol	8.24	79	70025	50.451	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.52	45	87579	43.137	ng	96
17) 2-Methylphenol	8.46	107	69749	52.979	ng	95
18) Hexachloroethane	9.08	117	28998	41.814	ng	96
19) n-Nitroso-di-n-propylamine	8.79	70	58234	45.600	ng	# 89
20) 3+4-Methylphenols	8.79	107	93211	51.632	ng	98
22) Acetophenone	8.82	105	114634	44.636	ng	# 92
24) Nitrobenzene	9.20	77	90112	48.629	ng	# 97
25) Isophorone	9.72	82	167803	47.183	ng	99
26) 2-Nitrophenol	9.92	139	45376	50.721	ng	# 92
27) 2,4-Dimethylphenol	9.99	122	77770	60.652	ng	96
28) bis(2-Chloroethoxy)methane	10.20	93	90617	46.166	ng	97
29) 2,4-Dichlorophenol	10.47	162	85241	51.884	ng	97
30) 1,2,4-Trichlorobenzene	10.66	180	91422	44.151	ng	100
31) Naphthalene	10.84	128	245530	48.233	ng	98
32) Benzoic acid	10.17	122	28685	32.824	ng	89
33) 4-Chloroaniline	10.98	127	27453	13.157	ng	# 92
34) Hexachlorobutadiene	11.13	225	65174	42.579	ng	96
35) Caprolactam	11.74	113	29257m	51.707	ng	
36) 4-Chloro-3-methylphenol	12.11	107	95936	53.534	ng	95
37) 2-Methylnaphthalene	12.45	142	192002	49.158	ng	96
38) 1-Methylnaphthalene	12.67	142	181907	48.949	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	122619	43.462	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	120544	81.337	nq	99
43) 2,4,6-Trichlorophenol	13.07	196	79176	47.654	nq	99
44) 2,4,5-Trichlorophenol	13.16	196	86642	51.581	nq	95
46) 1,1'-Biphenyl	13.46	154	265494	45.780	nq	98
47) 2-Chloronaphthalene	13.50	162	197786	44.823	nq	98
48) 2-Nitroaniline	13.71	65	62993	47.764	nq	96
49) Acenaphthylene	14.35	152	338103	49.232	nq	99
50) Dimethylphthalate	14.08	163	361696	61.255	nq	98
51) 2,6-Dinitrotoluene	14.20	165	62541	48.754	nq	97
52) Acenaphthene	14.69	154	197101	47.063	nq	95
53) 3-Nitroaniline	14.55	138	24645	19.899	nq	98
54) 2,4-Dinitrophenol	14.75	184	48707	62.552	nq	96
55) Dibenzofuran	15.02	168	325686	47.954	nq	99
56) 4-Nitrophenol	14.89	139	79572	95.873	nq	98
57) 2,4-Dinitrotoluene	14.99	165	87076	47.498	nq	# 98
58) Fluorene	15.67	166	273428	48.001	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.26	232	88446	49.560	nq	95
60) Diethylphthalate	15.44	149	275723	46.473	nq	99
61) 4-Chlorophenyl-phenylether	15.66	204	156165	46.995	nq	98
62) 4-Nitroaniline	15.71	138	55550	43.430	nq	90
63) Azobenzene	15.96	77	230946	48.097	nq	97
65) 4,6-Dinitro-2-methylphenol	15.76	198	46064	43.739	nq	95
66) n-Nitrosodiphenylamine	15.88	169	246984	48.885	nq	99
67) 4-Bromophenyl-phenylether	16.55	248	110475	45.872	nq	92
68) Hexachlorobenzene	16.68	284	123448	44.655	nq	95
69) Atrazine	16.83	200	104045	59.265	nq	97
70) Pentachlorophenol	17.04	266	102310	81.220	nq	98
71) Phenanthrene	17.41	178	434541	47.419	nq	99
72) Anthracene	17.51	178	443922	48.418	nq	98
73) Carbazole	17.78	167	398922	48.046	nq	98
74) Di-n-butylphthalate	18.32	149	475851	47.234	nq	98
75) Fluoranthene	19.42	202	576035	48.217	nq	99
77) Benzidine	19.60	184	222853	55.790	nq	98
78) Pyrene	19.79	202	581371	47.321	nq	99
80) Butylbenzylphthalate	20.67	149	228019	48.988	nq	98
81) Benzo(a)anthracene	21.61	228	618940	49.783	nq	99
82) 3,3'-Dichlorobenzidine	21.54	252	102570	21.330	nq	# 99
83) Chrysene	21.68	228	600537	48.616	nq	97
84) Bis(2-ethylhexyl)phthalate	21.51	149	329050	49.767	nq	99
85) Di-n-octyl phthalate	22.71	149	571640	50.960	nq	100
86) Indeno(1,2,3-cd)pyrene	28.44	276	782271	50.450	nq	# 98
88) Benzo(b)fluoranthene	23.81	252	648822	48.577	nq	100
89) Benzo(k)fluoranthene	23.88	252	653408	48.594	nq	99
90) Benzo(a)pyrene	24.67	252	612674	48.036	nq	99
91) Dibenzo(a,h)anthracene	28.50	278	660482	50.627	nq	97
92) Benzo(g,h,i)perylene	29.57	276	657819	51.118	nq	99

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



#1

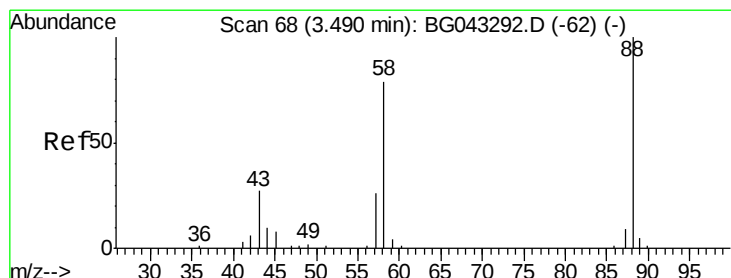
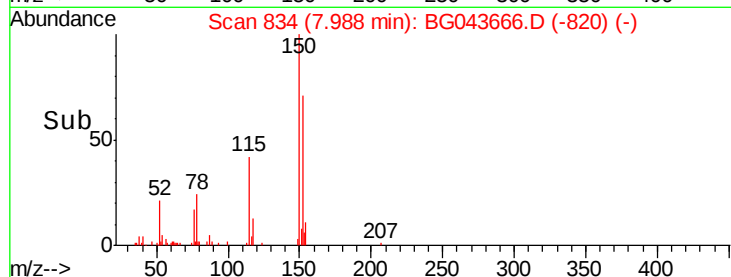
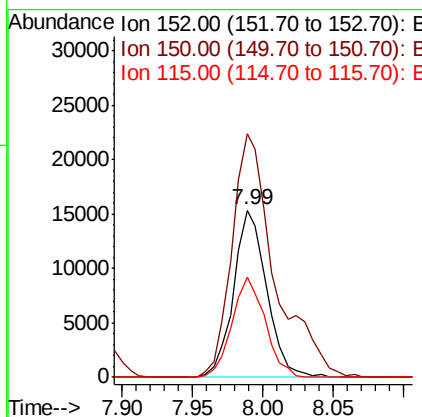
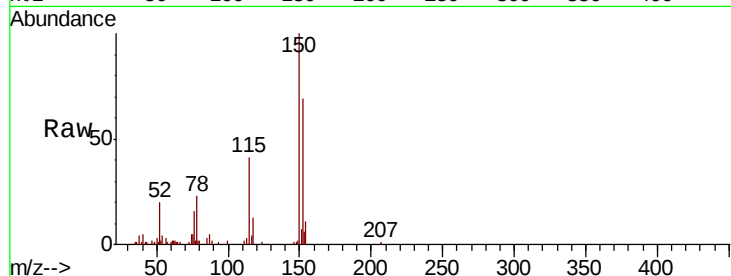
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.02 min
Lab File: BG043666.D
Acq: 16 Nov 2019 1:04

Instrument :
BNA_G
ClientSampleId :
8-(8-10)MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.4	129.4	194.0
115	59.6	48.8	73.2

Manual Integrations
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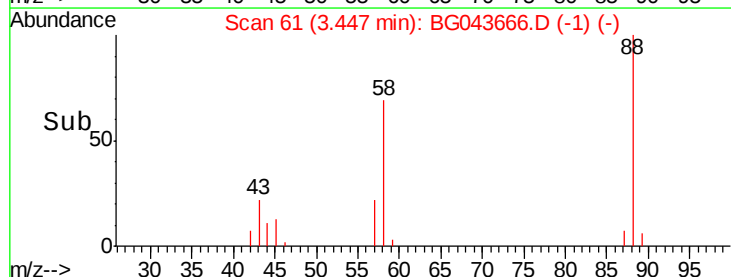
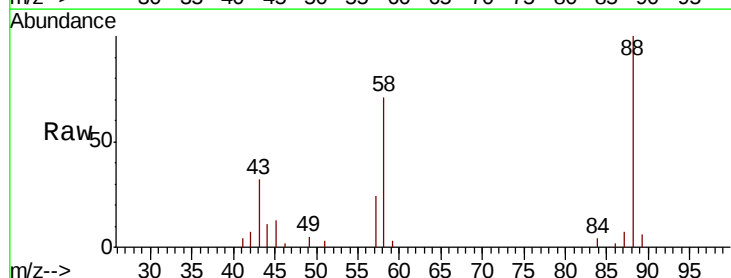
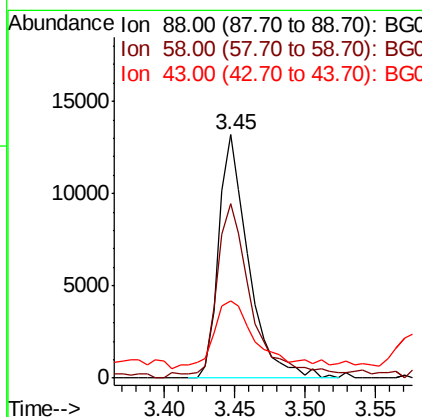
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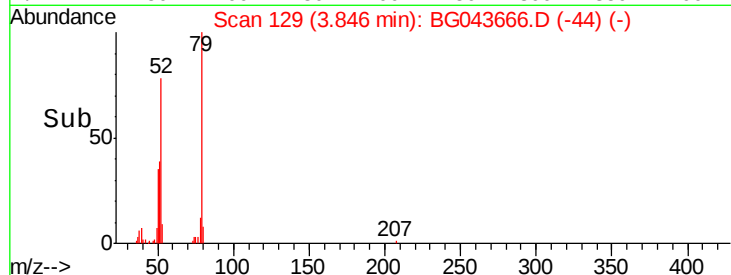
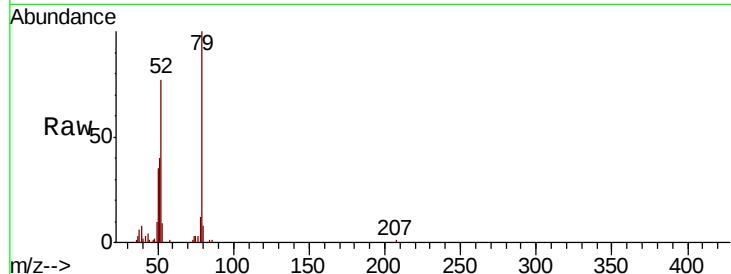


#2

1,4-Dioxane
Concen: 36.128 ng
RT: 3.45 min Scan# 61
Delta R.T. -0.02 min
Lab File: BG043666.D
Acq: 16 Nov 2019 1:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.9	62.7	94.1
43	38.9	23.7	35.5





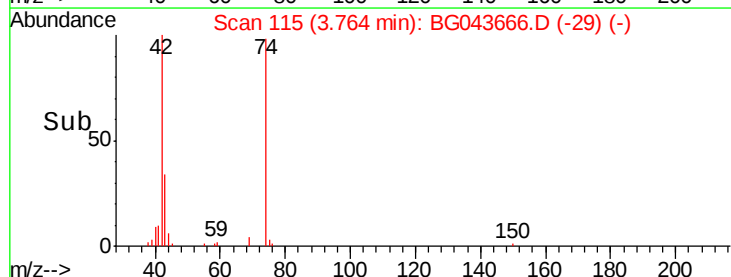
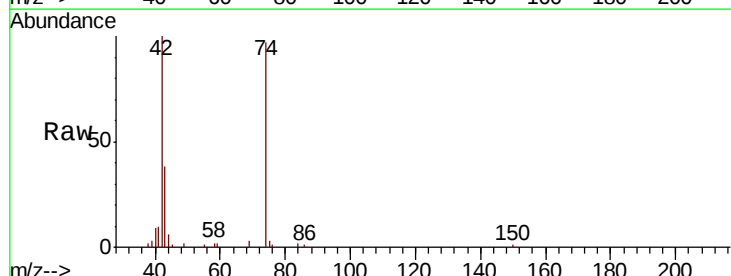
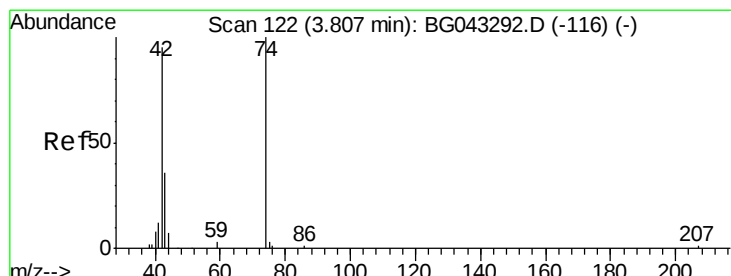
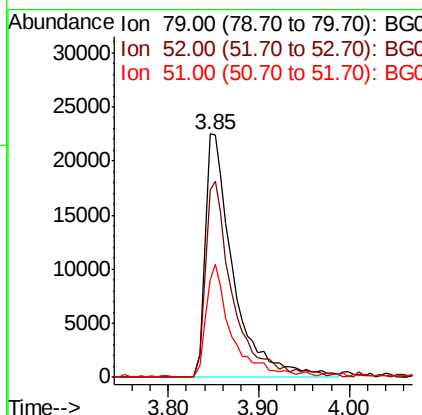
#3
 Pvridine
 Concen: 36.101 ng
 RT: 3.85 min Scan# 129
 Delta R.T. -0.03 min
 Lab File: BG043666.D
 Acq: 16 Nov 2019 1:04

Tot Ion	Ratio	Lower	Upper
79	100		
52	77.0	56.5	84.7
51	39.9	33.2	49.8

Instrument :
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 ClientSampleId :
 8-(8-10)MSD

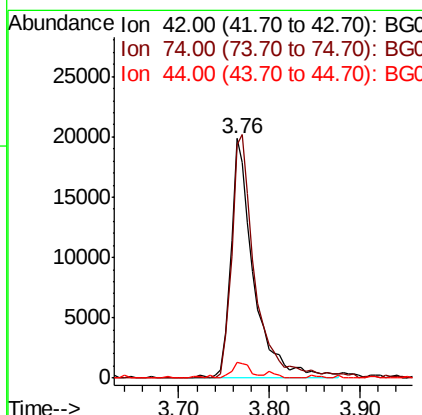
Manual Integrations
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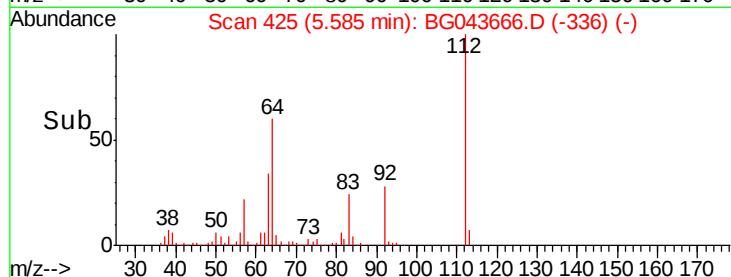
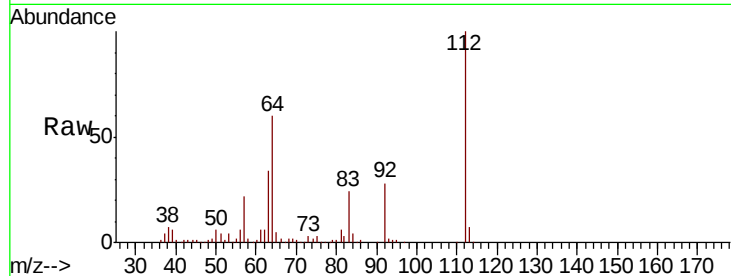
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#4
 n-Nitrosodimethylamine
 Concen: 50.974 ng
 RT: 3.76 min Scan# 115
 Delta R.T. -0.02 min
 Lab File: BG043666.D
 Acq: 16 Nov 2019 1:04

Tgt Ion	Ratio	Lower	Upper
42	100		
74	97.5	97.3	145.9
44	6.3	4.4	6.6





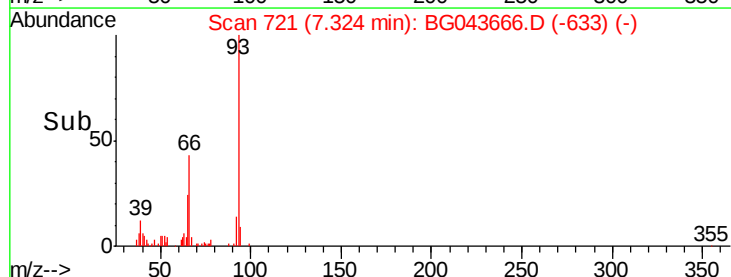
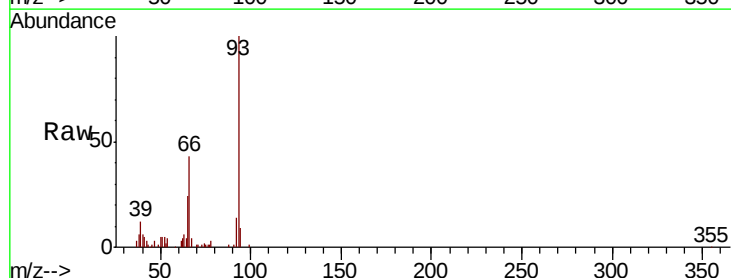
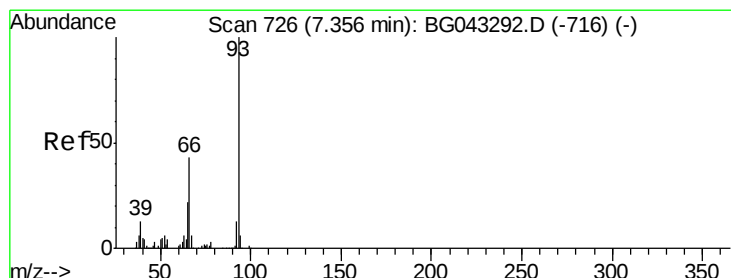
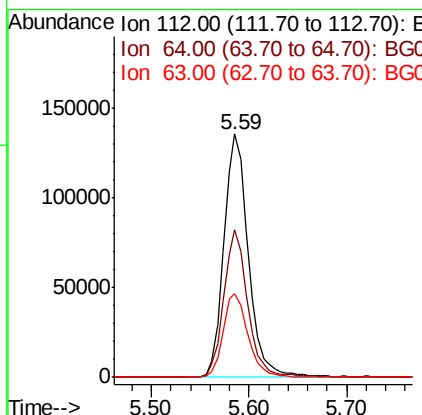
#5
2-Fluorophenol
Concen: 171.214 ng
RT: 5.59 min Scan# 425
Delta R.T. -0.01 min
Lab File: BG043666.D
Acq: 16 Nov 2019 1:04

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	60.5	50.0	75.0
63	34.3	26.6	40.0

Instrument :
BNA_G
ClientSampleId :
8-(8-10)MSD

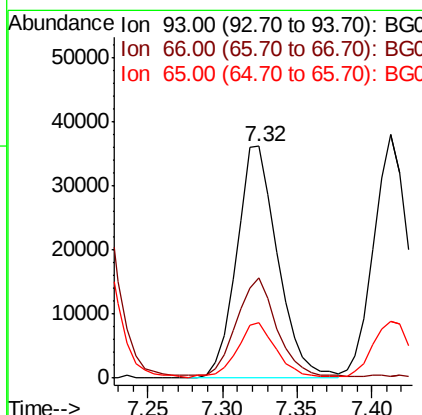
Manual Integrations
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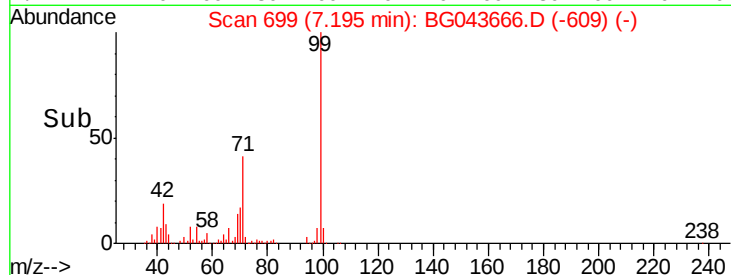
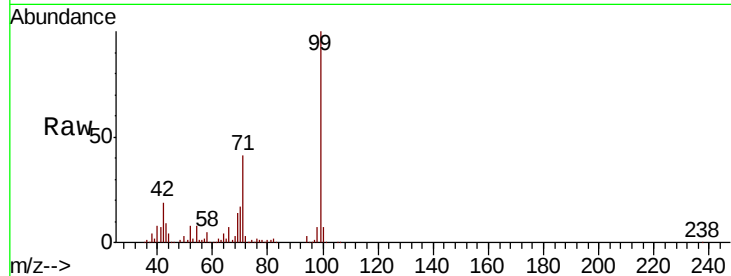
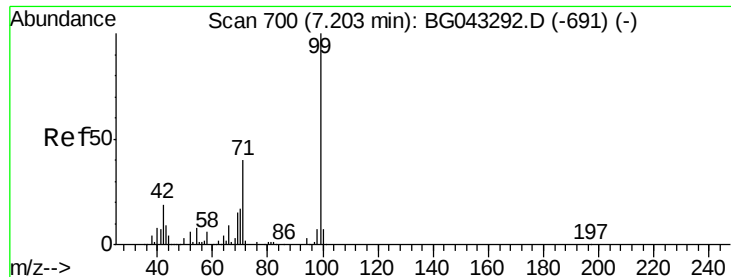
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#6
Aniline
Concen: 30.340 ng
RT: 7.32 min Scan# 721
Delta R.T. -0.01 min
Lab File: BG043666.D
Acq: 16 Nov 2019 1:04

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	43.3	32.3	48.5
65	23.8	16.1	24.1





#7

Phenol-d6

Concen: 174.407 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG043666.D

Acq: 16 Nov 2019 1:04

Tot Ion:	99	Resp:	344686
Ion Ratio	Lower	Upper	
99	100		
42	19.4	14.6	21.8
71	40.8	32.5	48.7

Instrument :

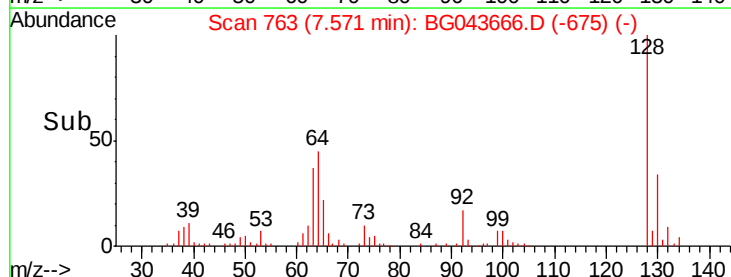
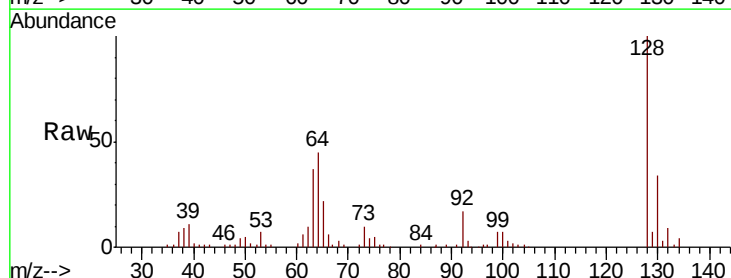
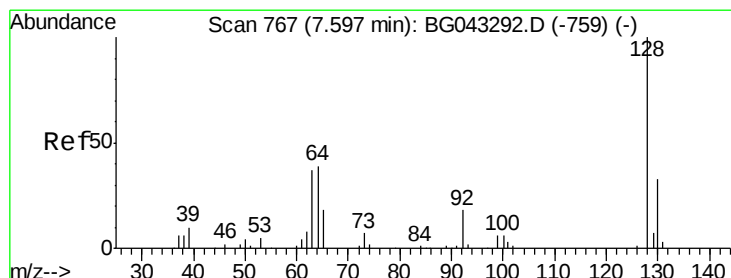
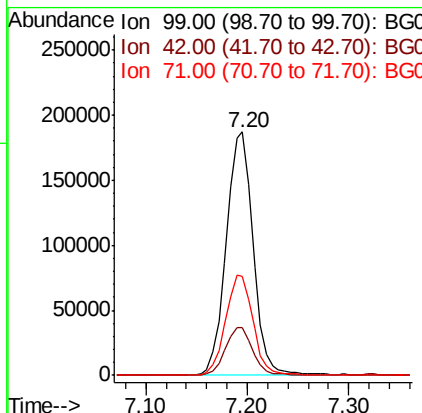
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ClientSampleId :

8-(8-10)MSD

Manual Integrations
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#8

2-Chlorophenol

Concen: 50.521 ng

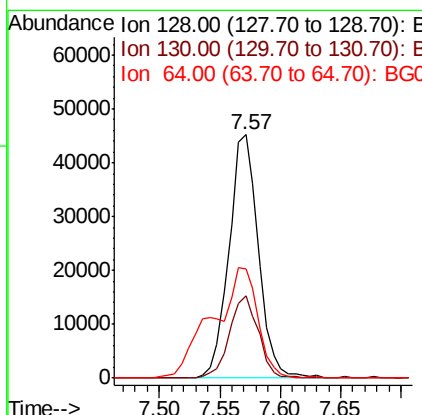
RT: 7.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BG043666.D

Acq: 16 Nov 2019 1:04

Tgt Ion:	128	Resp:	76607
Ion Ratio	Lower	Upper	
128	100		
130	34.1	12.5	52.5
64	44.8	25.3	65.3





#9

Benzaldehyde

Concen: 35.444 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.02 min

Lab File: BG043666.D

Acq: 16 Nov 2019 1:04

Instrument :

BNA_G

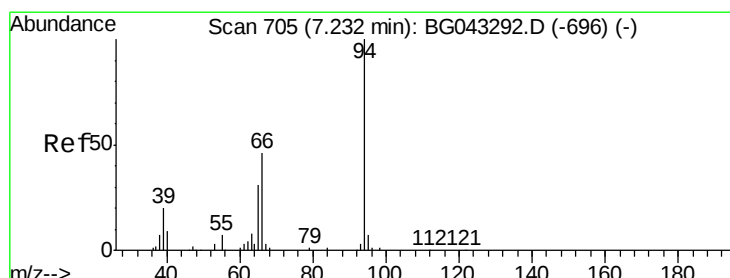
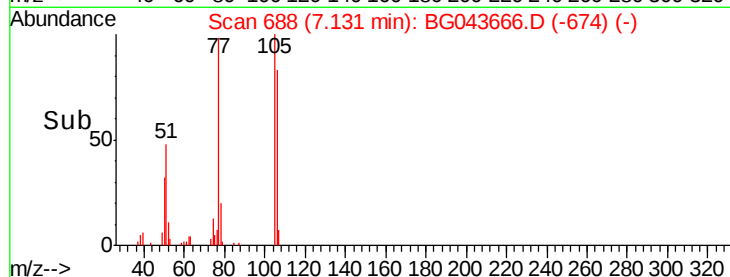
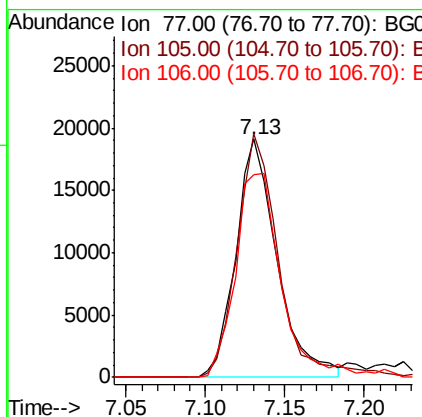
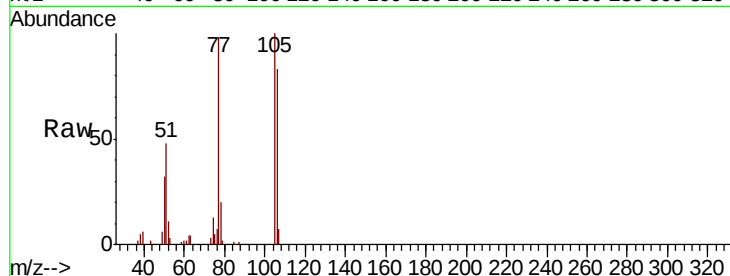
ClientSampleId :

8-(8-10)MSD

Tot Ion:	77	Resp:	34425
Ion Ratio	Lower	Upper	
77	100		
105	102.3	68.6	108.6
106	85.0	69.9	109.9

Manual Integrations
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#10

Phenol

Concen: 58.358 ng

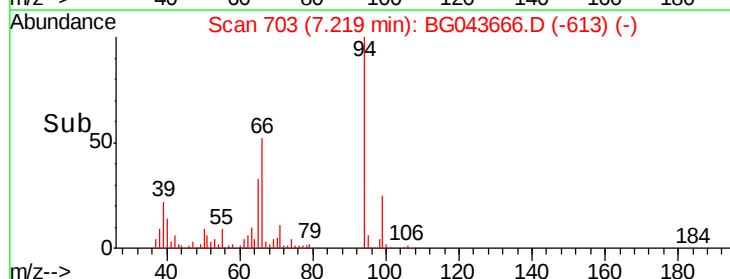
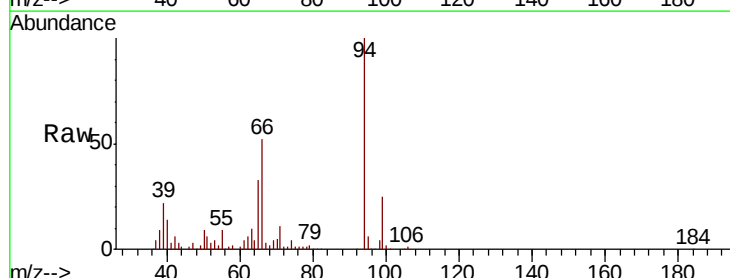
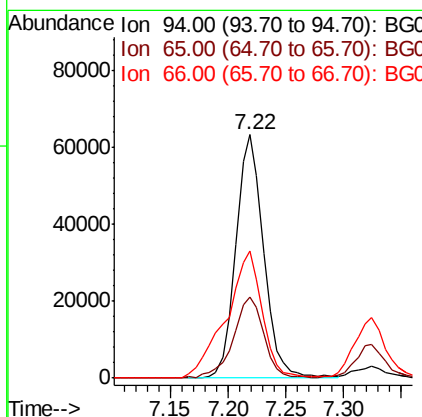
RT: 7.22 min Scan# 703

Delta R.T. -0.00 min

Lab File: BG043666.D

Acq: 16 Nov 2019 1:04

Tgt Ion:	94	Resp:	105392
Ion Ratio	Lower	Upper	
94	100		
65	33.4	12.6	52.6
66	52.2	30.7	70.7





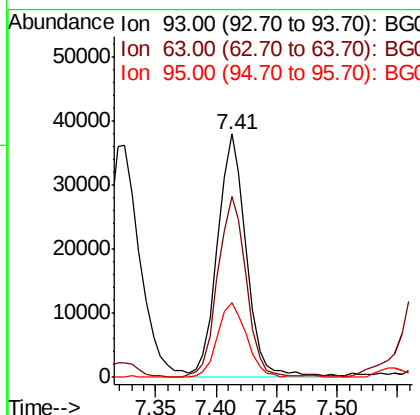
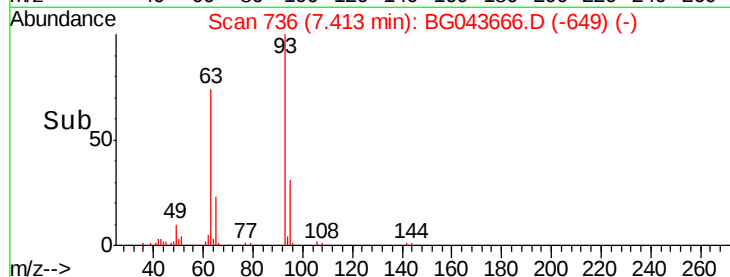
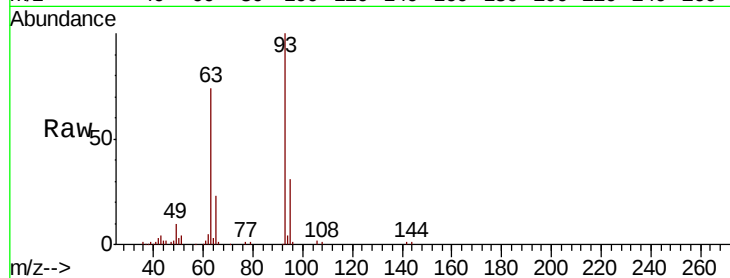
#11
bis(2-Chloroethyl)ether
Concen: 44.963 ng
RT: 7.41 min Scan# 736
Delta R.T. -0.02 min
Lab File: BG043666.D
Acq: 16 Nov 2019 1:04

Instrument :
BNA_G
ClientSampleId :
8-(8-10)MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.4	56.3	96.3
95	30.8	12.2	52.2

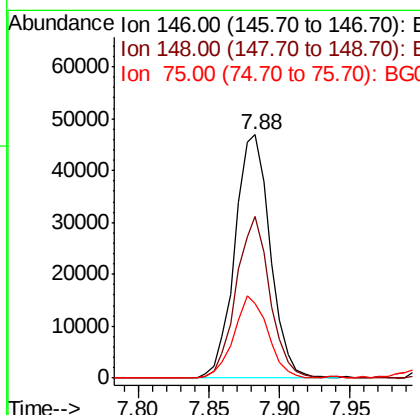
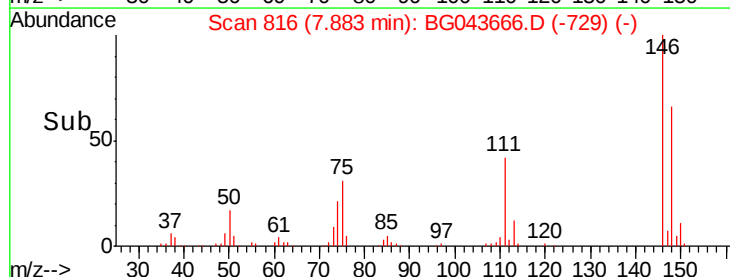
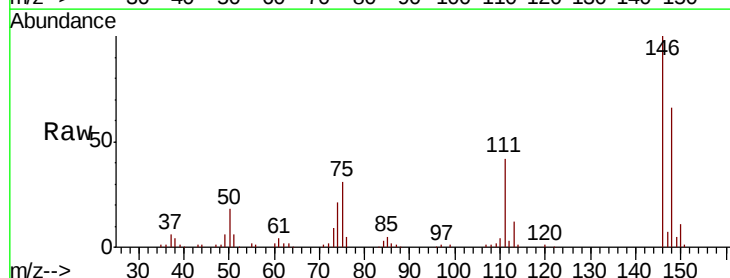
Manual Integrations
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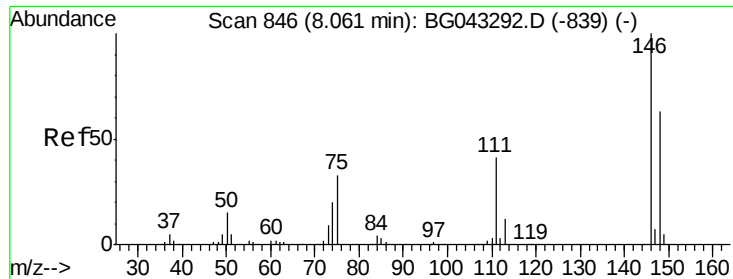
mohammad
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#12
1,3-Dichlorobenzene
Concen: 43.100 ng
RT: 7.88 min Scan# 816
Delta R.T. -0.02 min
Lab File: BG043666.D
Acq: 16 Nov 2019 1:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.4	50.3	75.5
75	30.7	24.6	37.0





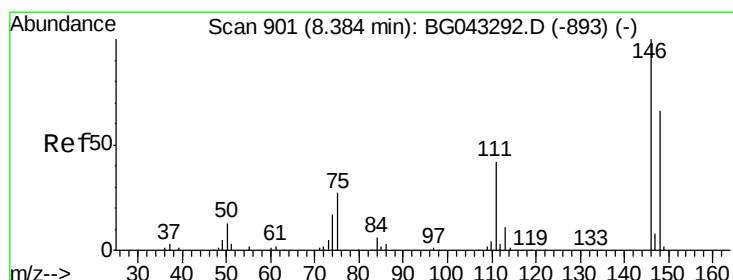
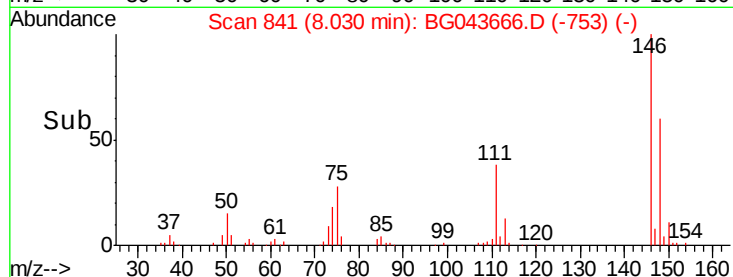
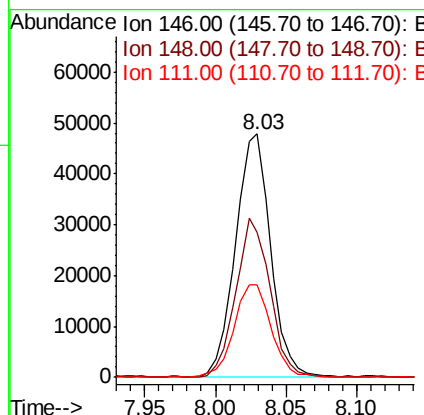
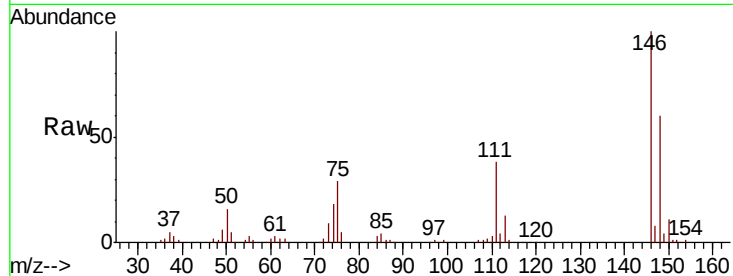
#13
1,4-Dichlorobenzene
Concen: 43.247 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.01 min
Lab File: BG043666.D
Acq: 16 Nov 2019 1:04

Instrument :
BNA_G
ClientSampleId :
8-(8-10)MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	59.8	50.7	76.1
111	37.9	33.4	50.2

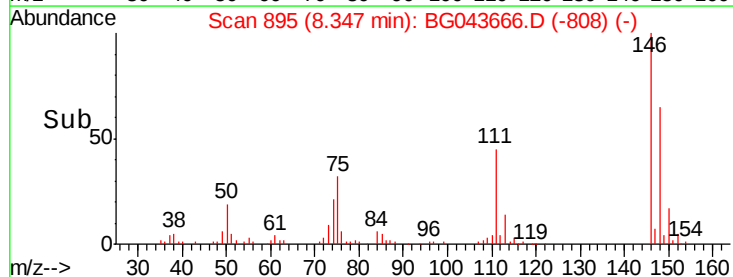
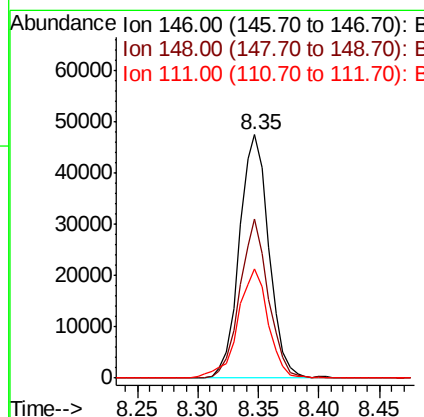
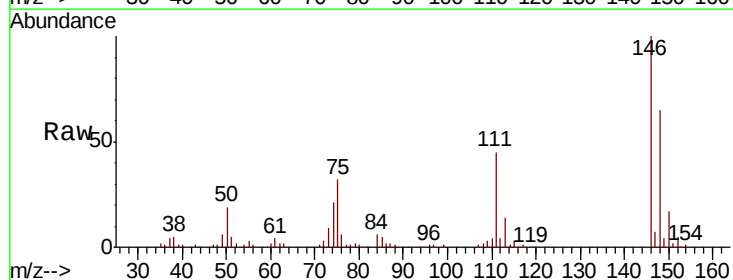
Manual Integrations
APPROVED

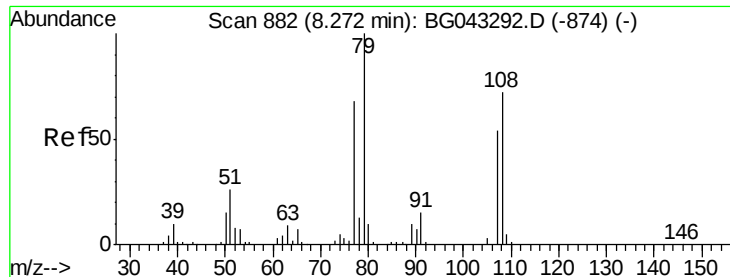
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#14
1,2-Dichlorobenzene
Concen: 43.073 ng
RT: 8.35 min Scan# 895
Delta R.T. -0.02 min
Lab File: BG043666.D
Acq: 16 Nov 2019 1:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	53.2	79.8
111	44.9	35.8	53.6





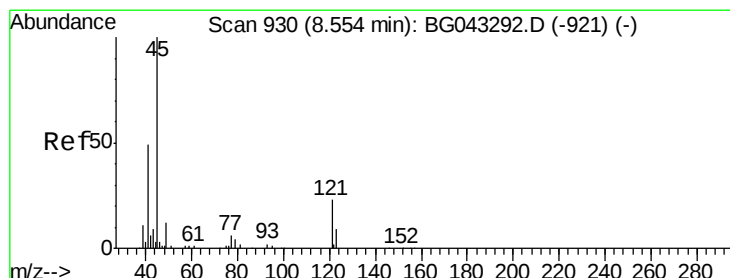
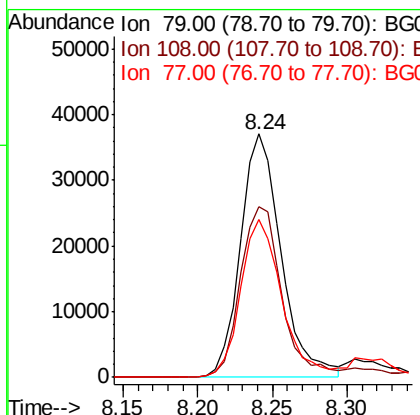
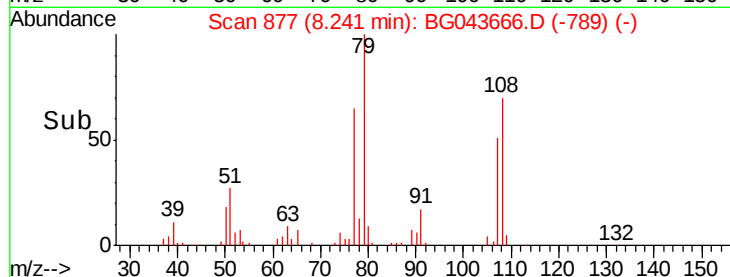
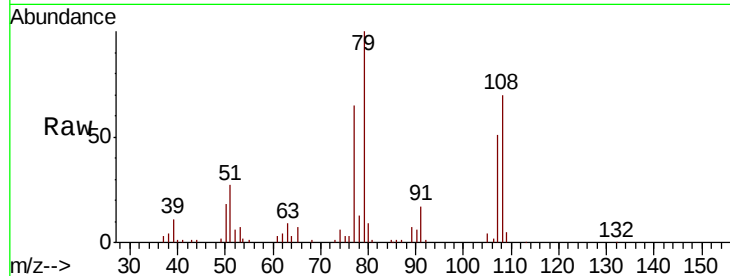
#15
Benzyl Alcohol
Concen: 50.451 ng
RT: 8.24 min Scan# 877
Delta R.T. -0.01 min
Lab File: BG043666.D
Acq: 16 Nov 2019 1:04

Instrument :
BNA_G
ClientSampleId :
8-(8-10)MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	70.0	53.6	80.4
77	64.8	49.6	74.4

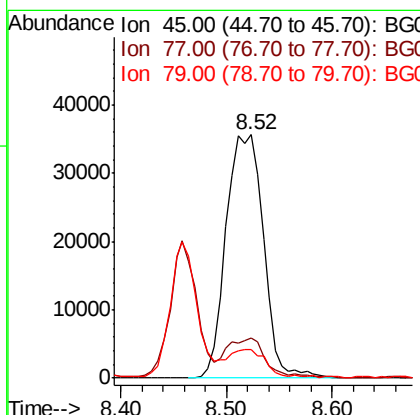
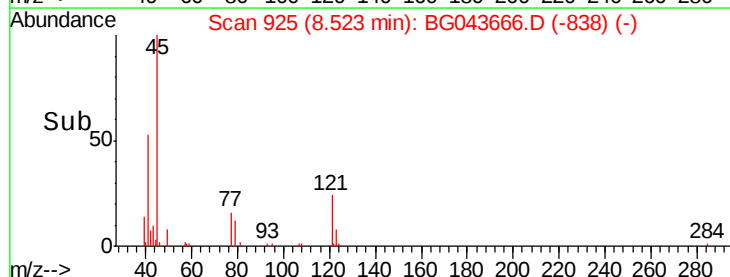
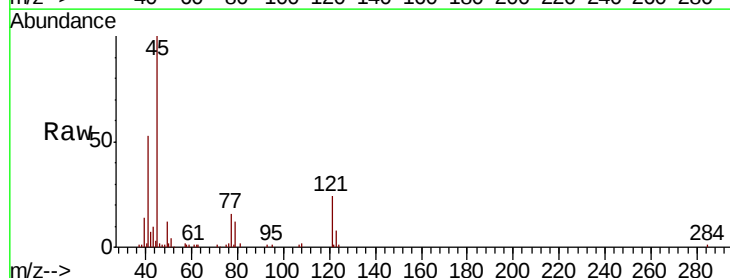
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.137 ng
RT: 8.52 min Scan# 925
Delta R.T. -0.02 min
Lab File: BG043666.D
Acq: 16 Nov 2019 1:04

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.3	0.0	34.9
79	11.5	0.0	33.0





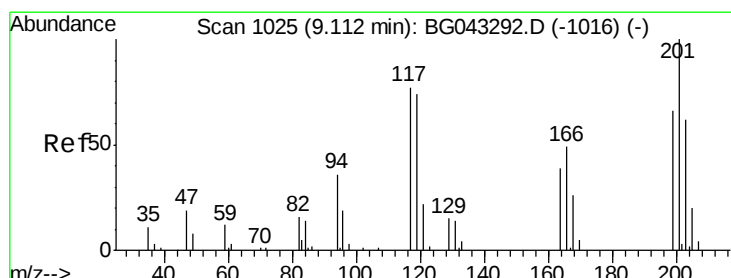
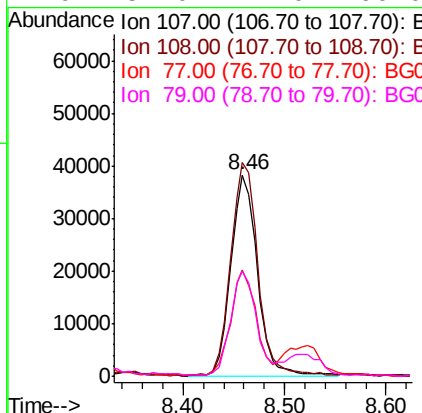
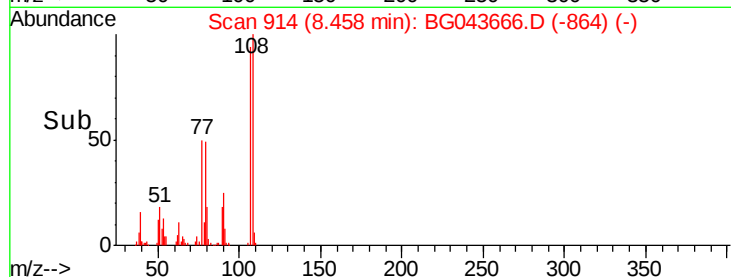
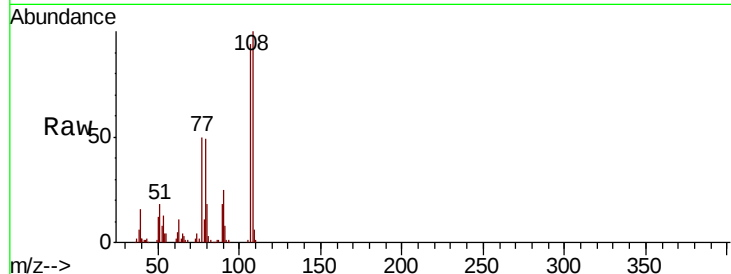
#17
2-Methylphenol
Concen: 52.979 ng
RT: 8.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BG043666.D
Acq: 16 Nov 2019 1:04

Instrument :
BNA_G
ClientSampleId :
8-(8-10)MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	106.1	90.2	135.4	
77	52.7	40.2	60.2	
79	52.0	44.0	66.0	

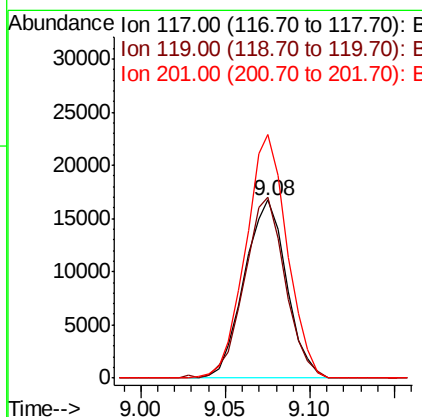
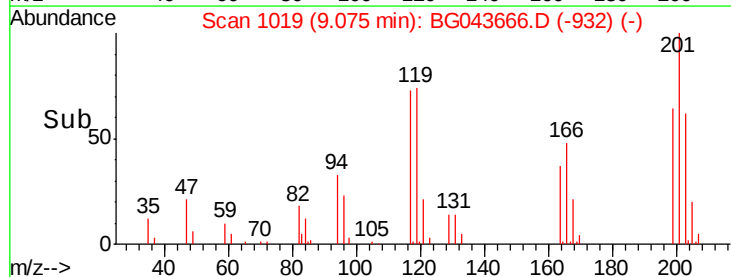
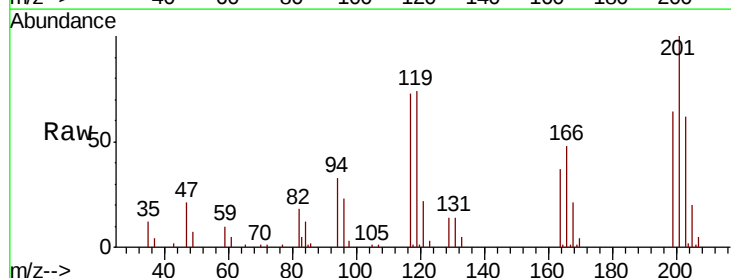
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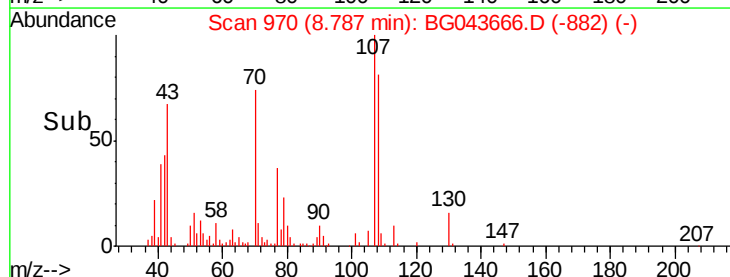
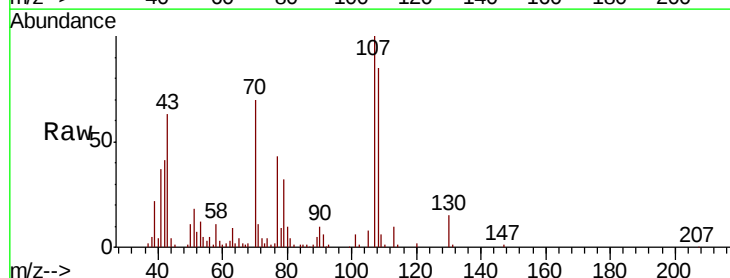
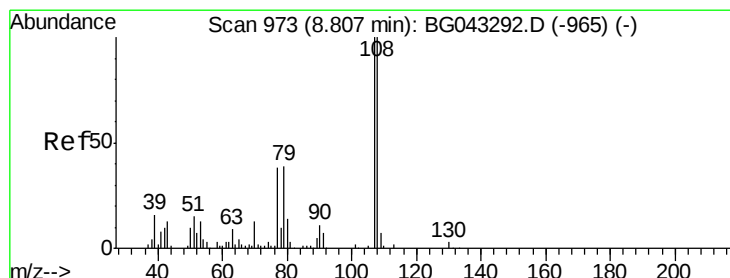
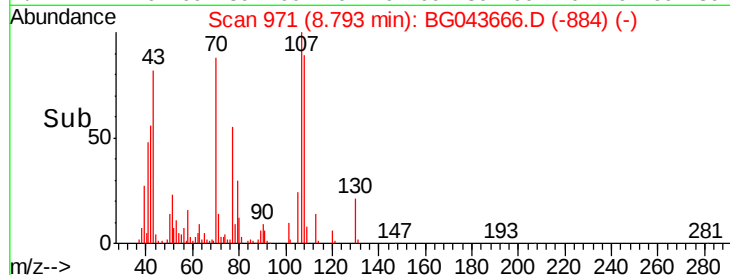
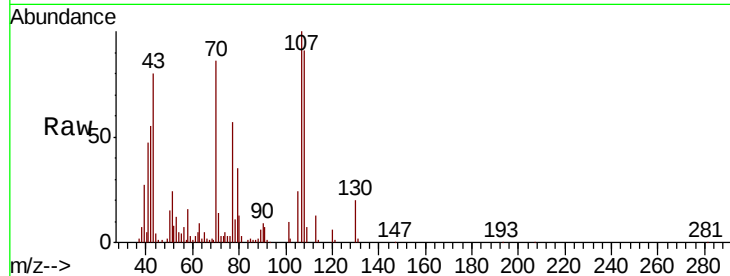
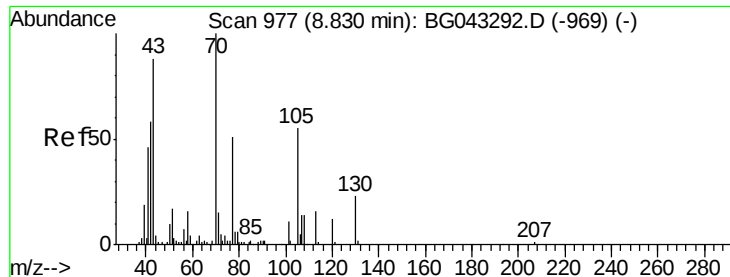
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#18
Hexachloroethane
Concen: 41.814 ng
RT: 9.08 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BG043666.D
Acq: 16 Nov 2019 1:04

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	101.9	79.0	118.4	
201	137.0	105.4	158.2	





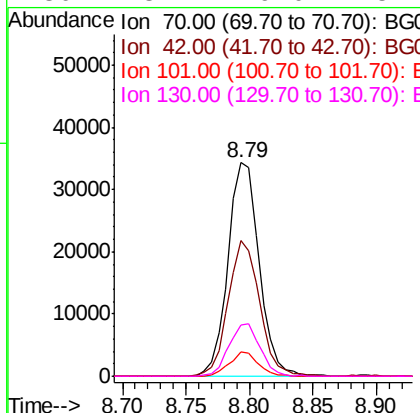
#19
n-Nitroso-di-n-propylamine
Concen: 45.600 ng
RT: 8.79 min Scan# 971
Delta R.T. -0.02 min
Lab File: BG043666.D
Acq: 16 Nov 2019 1:04

Instrument :
BNA_G
ClientSampleId :
8-(8-10)MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	63.8	41.4	62.2#
101	11.6	7.9	11.9
130	23.7	19.0	28.4

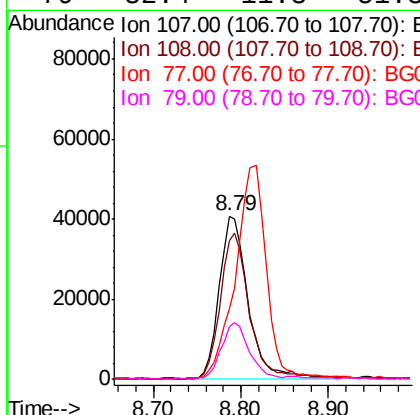
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#20
3+4-Methylphenols
Concen: 51.632 ng
RT: 8.79 min Scan# 970
Delta R.T. -0.01 min
Lab File: BG043666.D
Acq: 16 Nov 2019 1:04

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.9	66.6	106.6
77	43.0	20.9	60.9
79	32.4	11.3	51.3





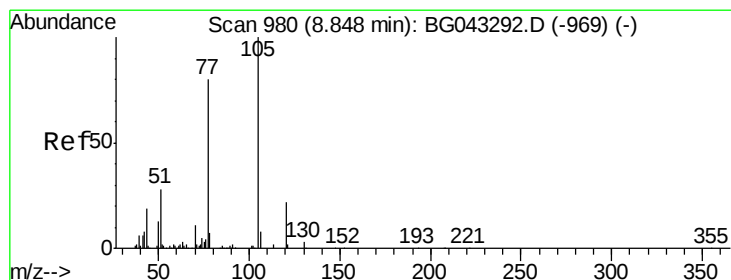
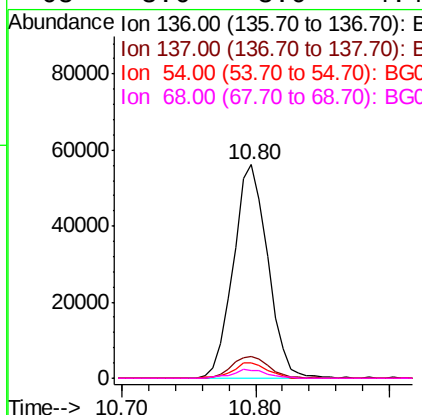
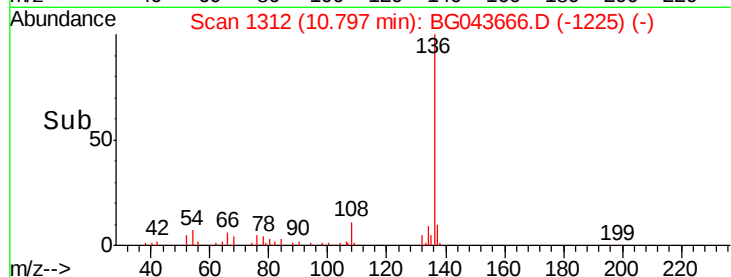
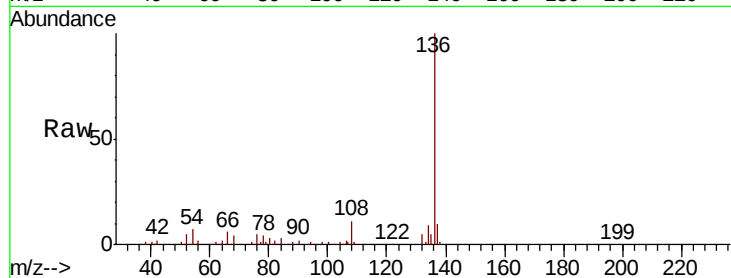
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BG043666.D
Acq: 16 Nov 2019 1:04

Instrument :
BNA_G
ClientSampleId :
8-(8-10)MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	100286		
137	10.3		8.7	13.1
54	7.5		5.4	8.2
68	3.6		3.0	4.4

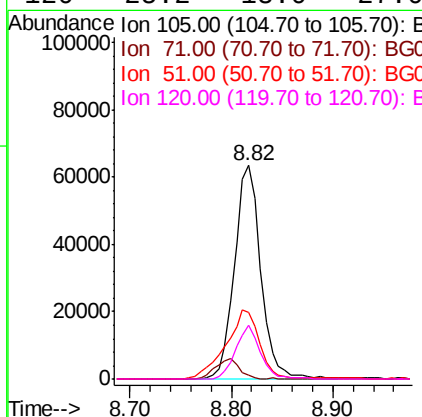
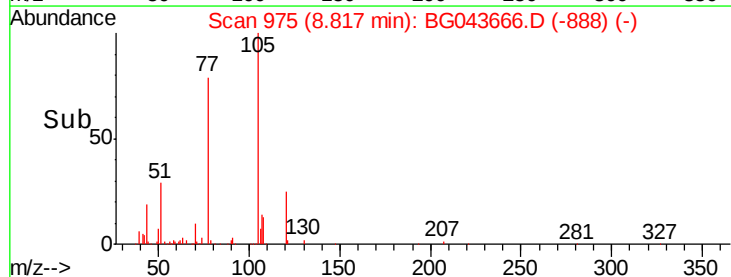
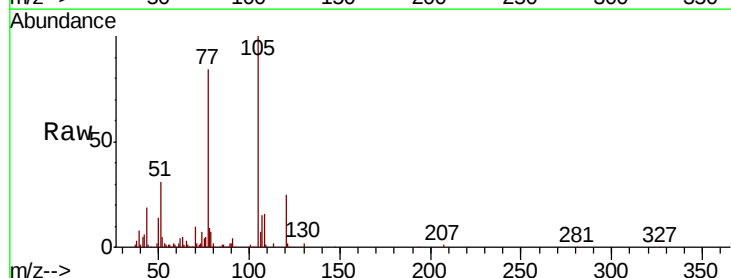
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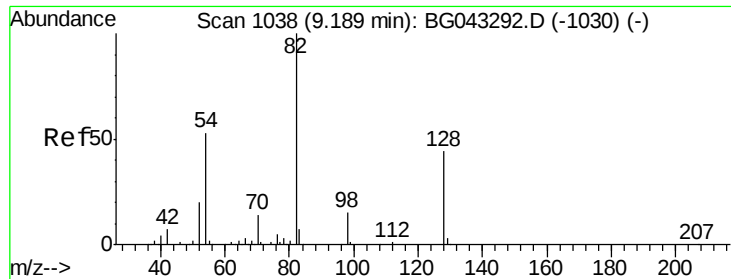
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#22
Acetophenone
Concen: 44.636 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.02 min
Lab File: BG043666.D
Acq: 16 Nov 2019 1:04

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	114634		
71	1.6		0.8	1.2#
51	31.0		21.0	31.4
120	25.2		18.0	27.0





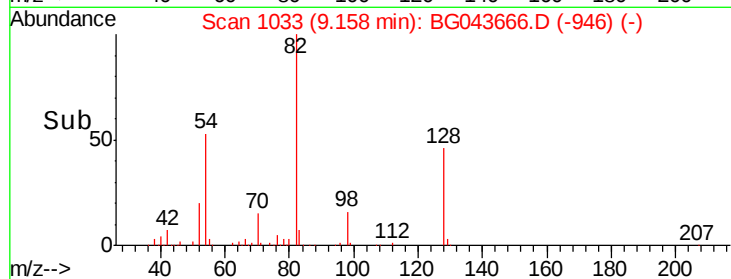
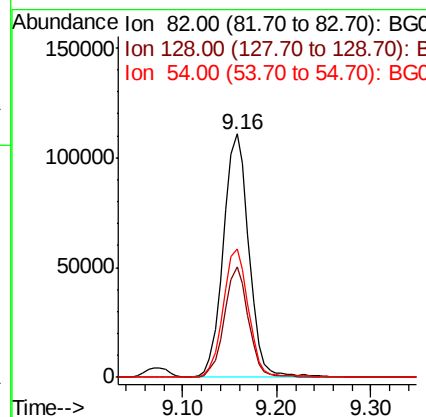
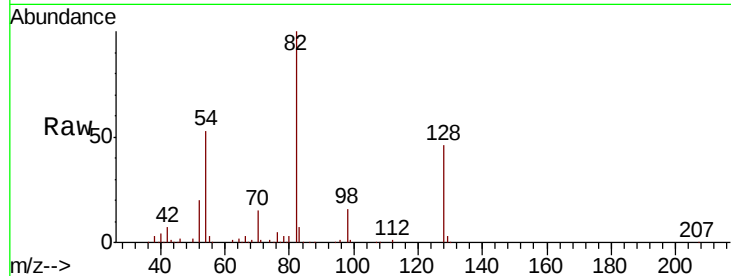
#23
Nitrobenzene-d5
Concen: 108.480 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BG043666.D
Acq: 16 Nov 2019 1:04

Instrument :
BNA_G
ClientSampleId :
8-(8-10)MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	211019		
128	45.6	35.0	52.6	
54	52.8	40.2	60.2	

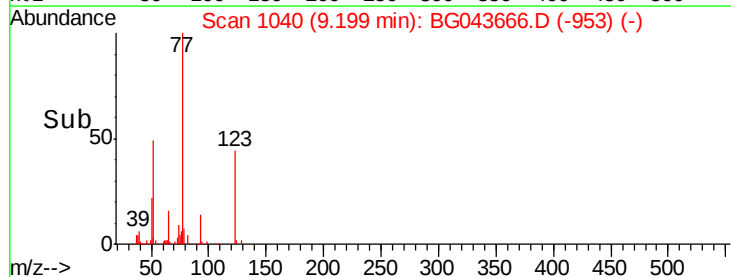
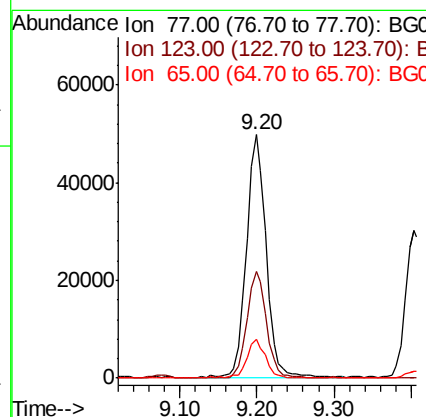
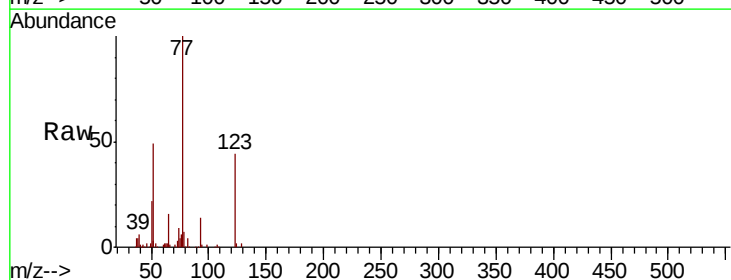
Manual Integrations
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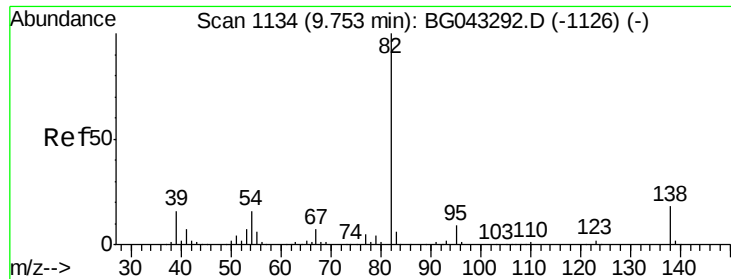
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#24
Nitrobenzene
Concen: 48.629 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.02 min
Lab File: BG043666.D
Acq: 16 Nov 2019 1:04

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	90112		
123	44.1	35.0	52.6	
65	16.1	9.5	14.3	





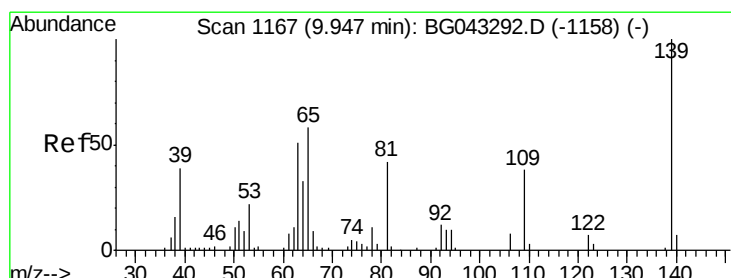
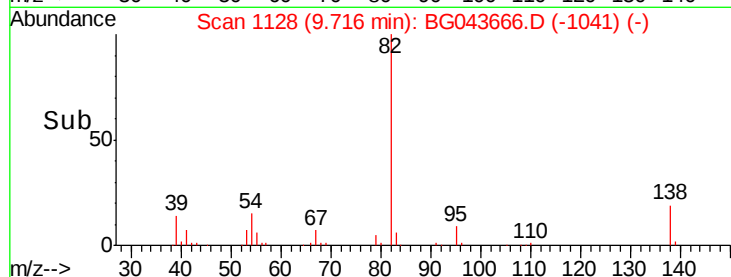
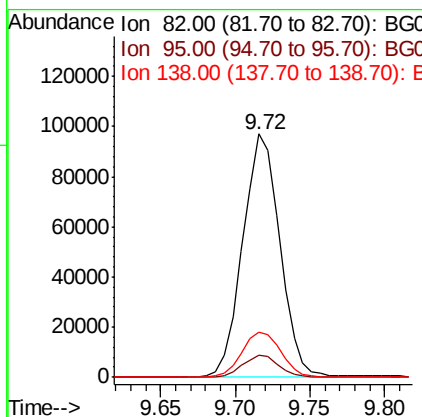
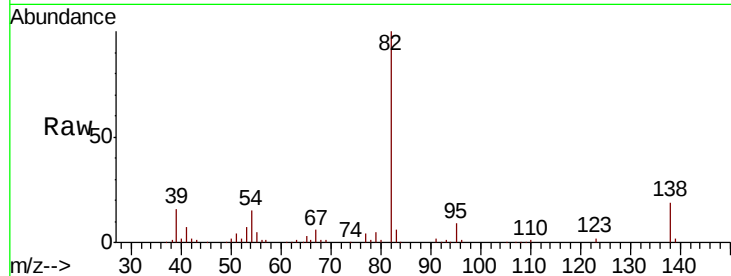
#25
Isophorone
Concen: 47.183 ng
RT: 9.72 min Scan# 1128
Delta R.T. -0.02 min
Lab File: BG043666.D
Acq: 16 Nov 2019 1:04

Instrument :
BNA_G
ClientSampleId :
8-(8-10)MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	167803		
95	9.1	6.6	9.8	
138	18.5	15.2	22.8	

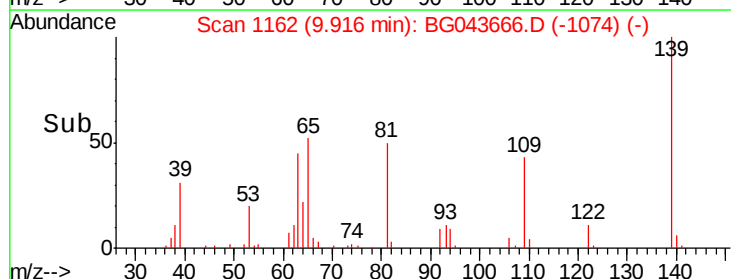
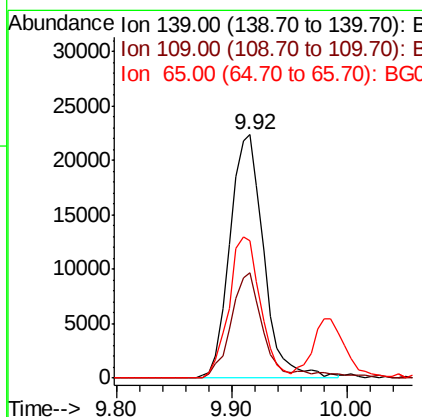
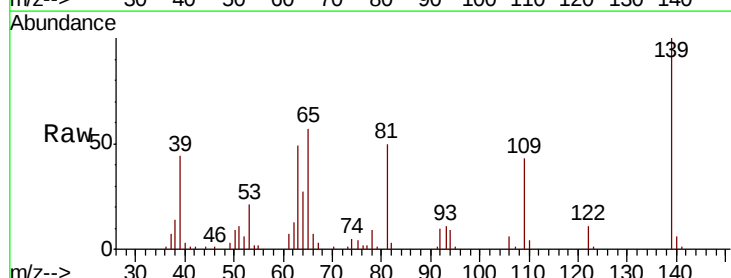
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#26
2-Nitrophenol
Concen: 50.721 ng
RT: 9.92 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BG043666.D
Acq: 16 Nov 2019 1:04

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	45376		
109	43.4	26.5	39.7#	
65	56.6	43.8	65.8	





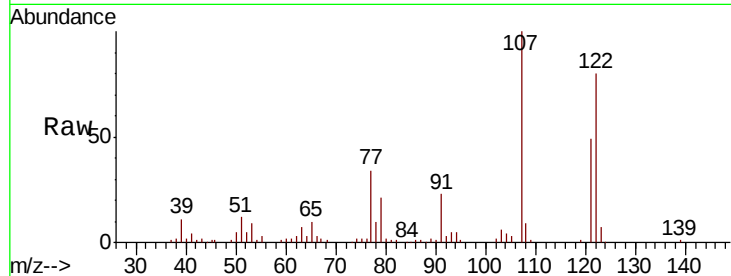
#27
2,4-Dimethylphenol
Concen: 60.652 ng
RT: 9.99 min Scan# 1174
Delta R.T. -0.01 min
Lab File: BG043666.D
Acq: 16 Nov 2019 1:04

Instrument :
BNA_G
ClientSampleId :
8-(8-10)MSD

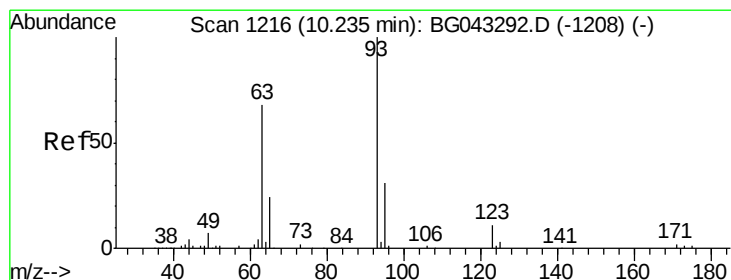
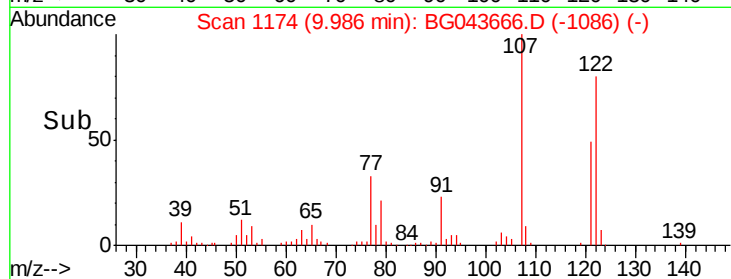
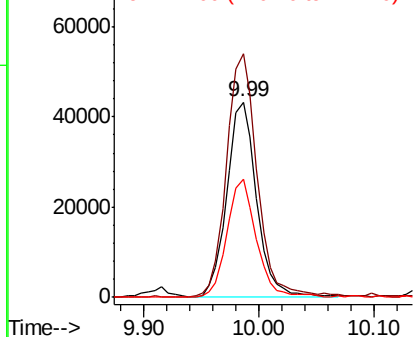
Tot Ion	Ratio	Lower	Upper
122	100		
107	124.6	104.4	156.6
121	60.5	47.2	70.8

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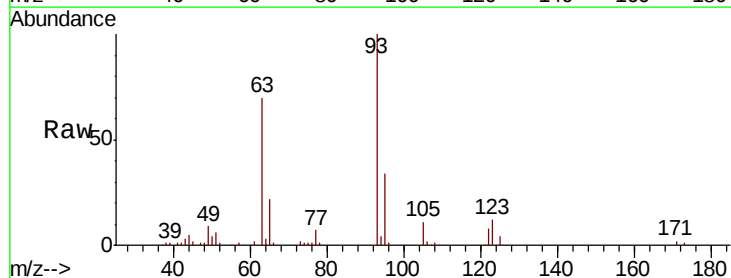


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

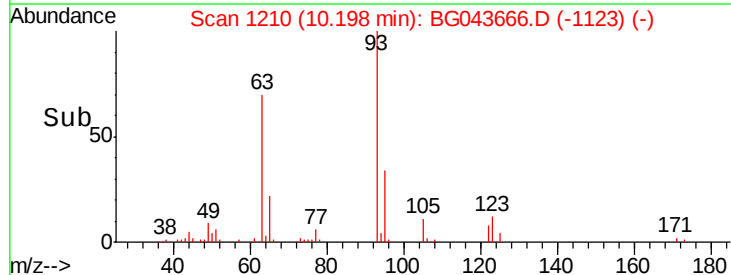
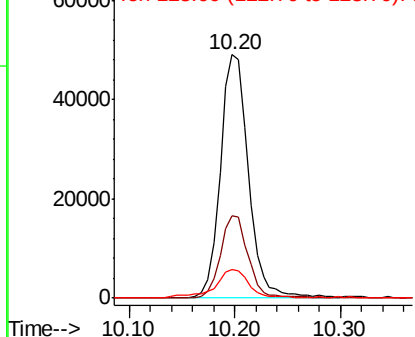


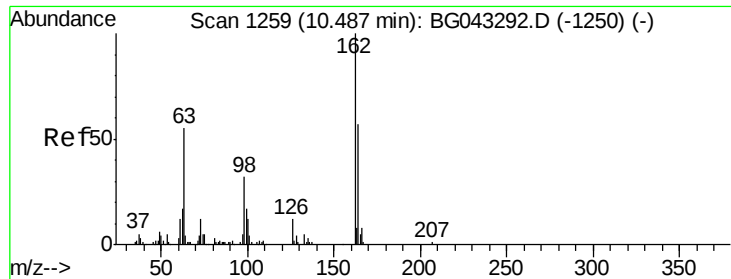
#28
bis(2-Chloroethoxy)methane
Concen: 46.166 ng
RT: 10.20 min Scan# 1210
Delta R.T. -0.02 min
Lab File: BG043666.D
Acq: 16 Nov 2019 1:04

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.0	26.0	39.0
123	11.9	10.6	15.8



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): E





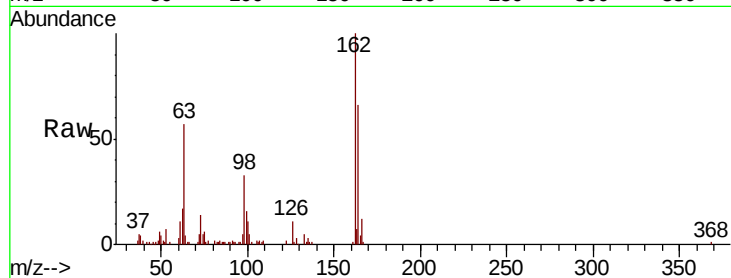
#29
 2,4-Dichlorophenol
 Concen: 51.884 ng
 RT: 10.47 min Scan# 1256
 Delta R.T. -0.01 min
 Lab File: BG043666.D
 Acq: 16 Nov 2019 1:04

Instrument :
 BNA_G
 ClientSampleId :
 8-(8-10)MSD

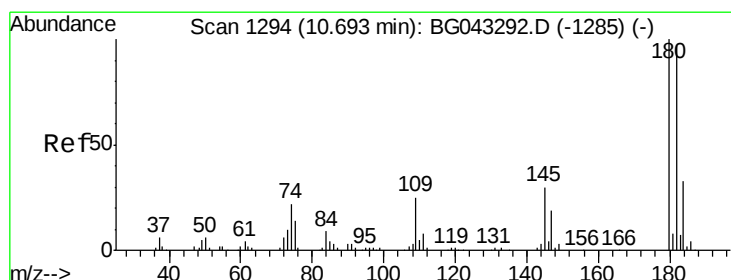
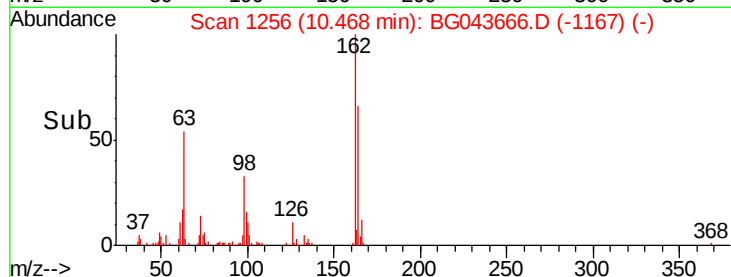
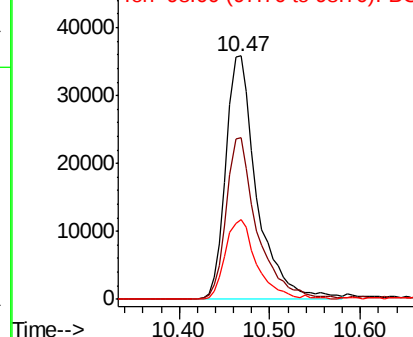
Tot Ion:	162	Resp:	85241
Ion Ratio	Lower	Upper	
162	100		
164	66.4	48.9	88.9
98	33.0	15.1	55.1

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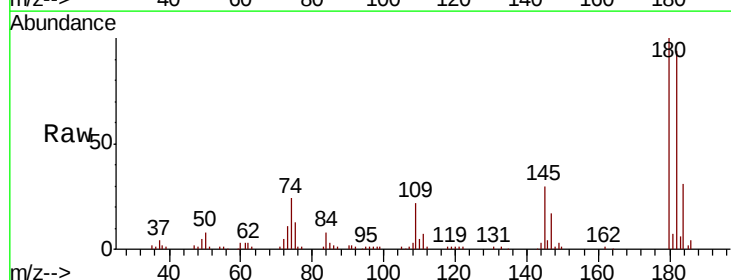


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BGC

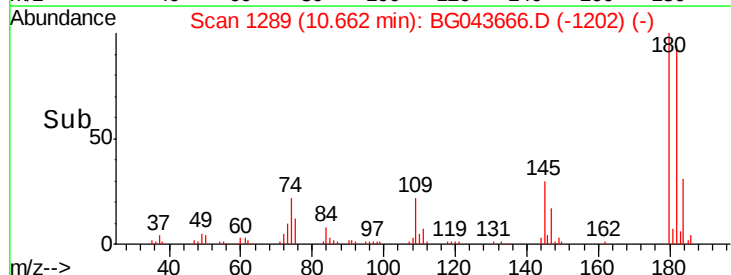
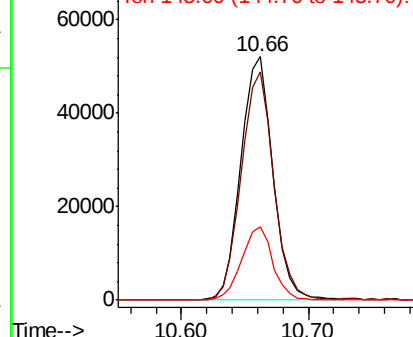


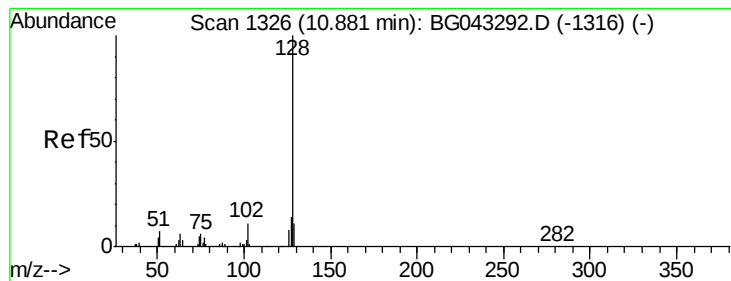
#30
 1,2,4-Trichlorobenzene
 Concen: 44.151 ng
 RT: 10.66 min Scan# 1289
 Delta R.T. -0.02 min
 Lab File: BG043666.D
 Acq: 16 Nov 2019 1:04

Tgt Ion:	180	Resp:	91422
Ion Ratio	Lower	Upper	
180	100		
182	93.7	75.1	112.7
145	30.0	23.9	35.9



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





#31

Naphthalene

Concen: 48.233 ng

RT: 10.84 min Scan# 1320

Delta R.T. -0.02 min

Lab File: BG043666.D

Acq: 16 Nov 2019 1:04

Instrument :

BNA_G

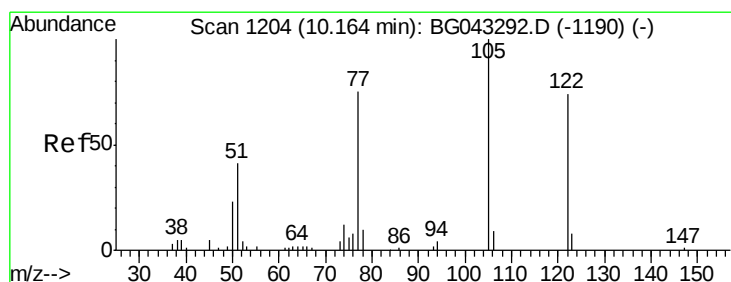
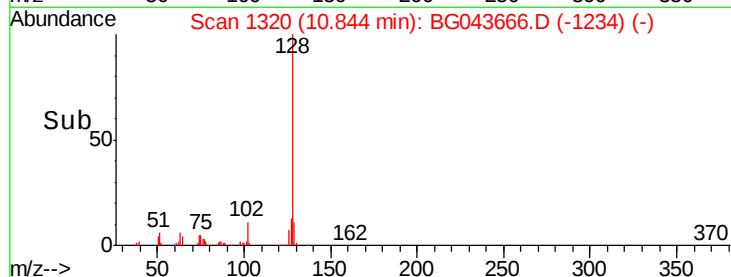
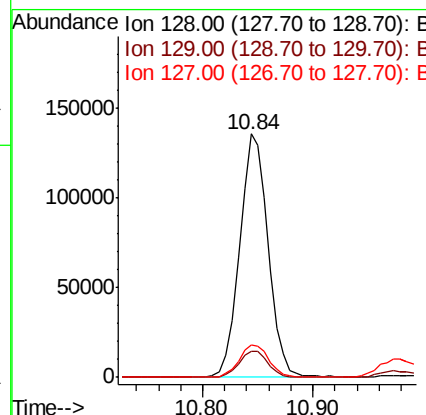
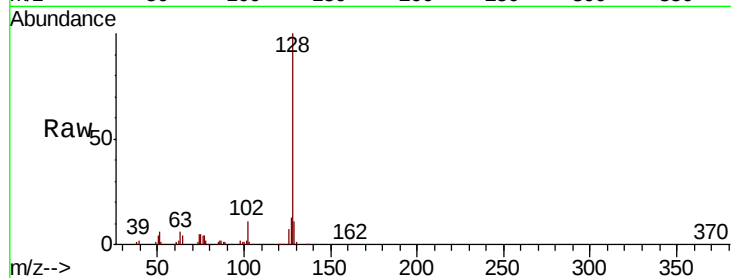
ClientSampleId :

8-(8-10)MSD

Tot Ion:	128	Resp:	24530
Ion Ratio	Lower	Upper	
128	100		
129	10.6	9.4	14.0
127	13.4	11.1	16.7

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#32

Benzoic acid

Concen: 32.824 ng

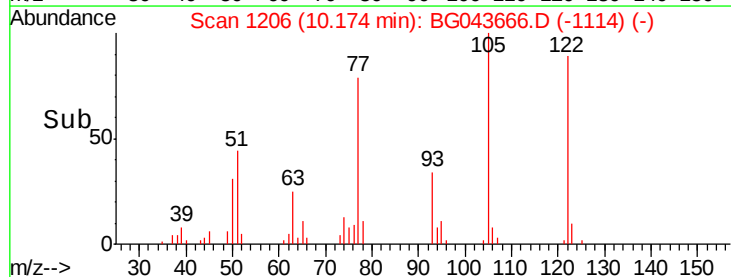
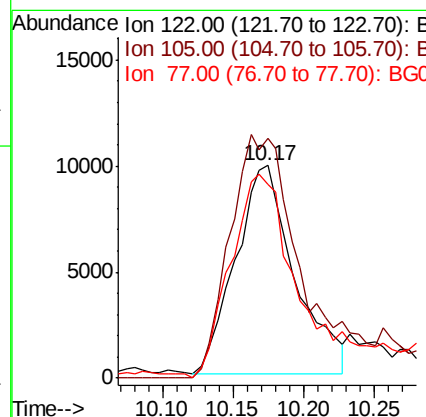
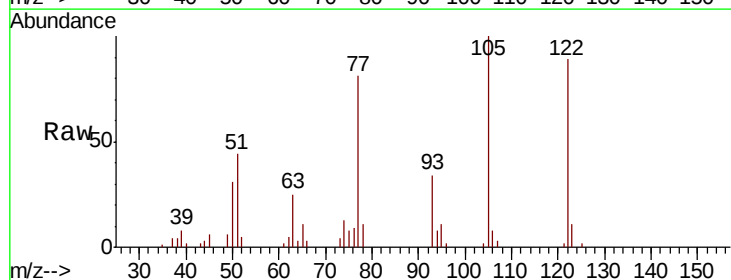
RT: 10.17 min Scan# 1206

Delta R.T. 0.01 min

Lab File: BG043666.D

Acq: 16 Nov 2019 1:04

Tgt Ion:	122	Resp:	28685
Ion Ratio	Lower	Upper	
122	100		
105	112.7	103.3	143.3
77	91.3	84.9	124.9





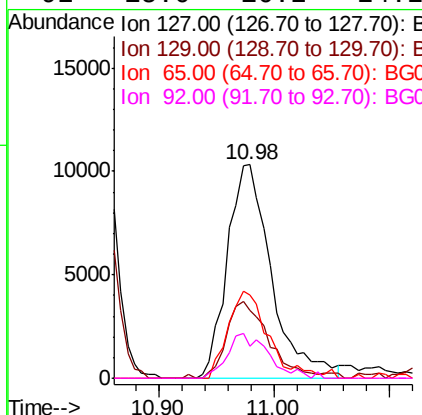
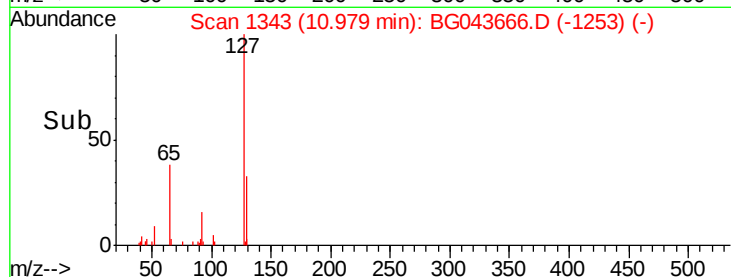
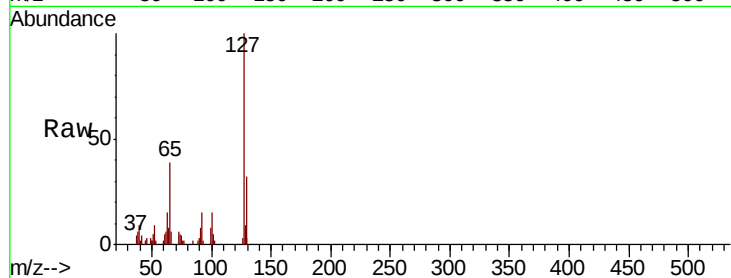
#33
4-Chloroaniline
Concen: 13.157 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG043666.D
Acq: 16 Nov 2019 1:04

Instrument :
BNA_G
ClientSampleId :
8-(8-10)MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.5	39.7
65	39.2	26.4	39.6
92	15.0	16.2	24.2

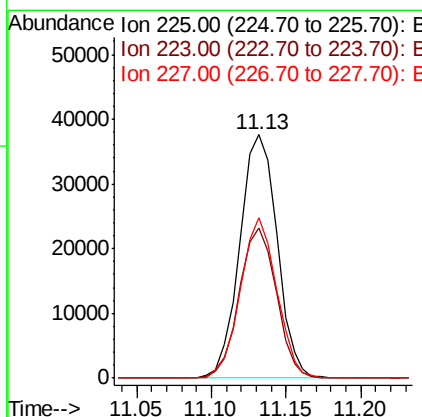
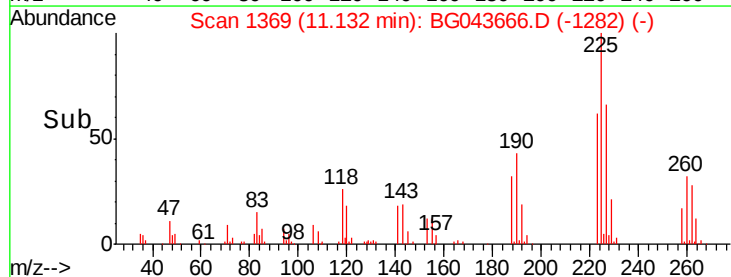
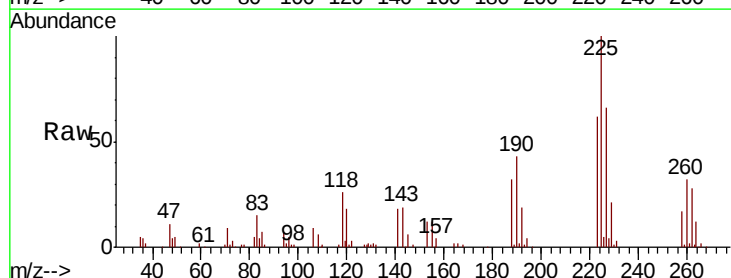
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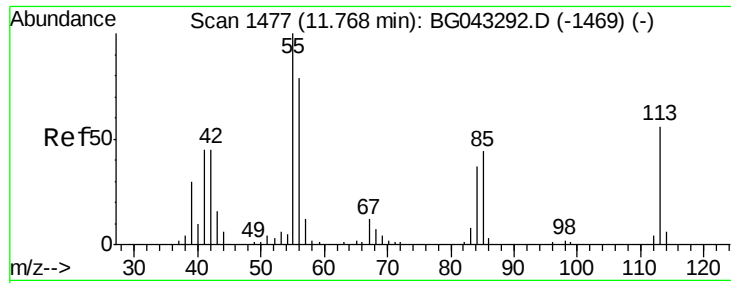
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#34
Hexachlorobutadiene
Concen: 42.579 ng
RT: 11.13 min Scan# 1369
Delta R.T. -0.02 min
Lab File: BG043666.D
Acq: 16 Nov 2019 1:04

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	52.7	79.1
227	66.1	54.8	82.2





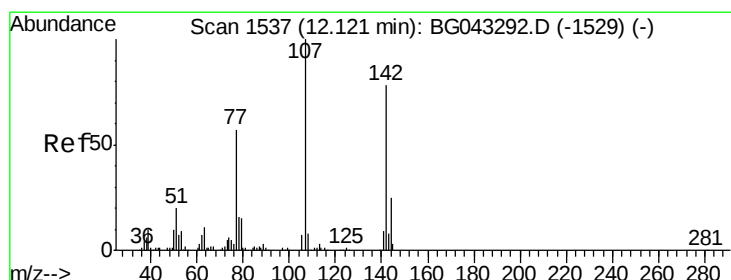
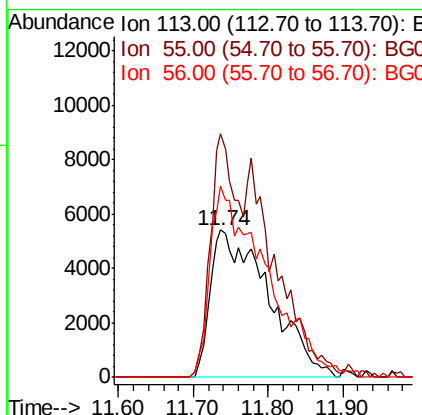
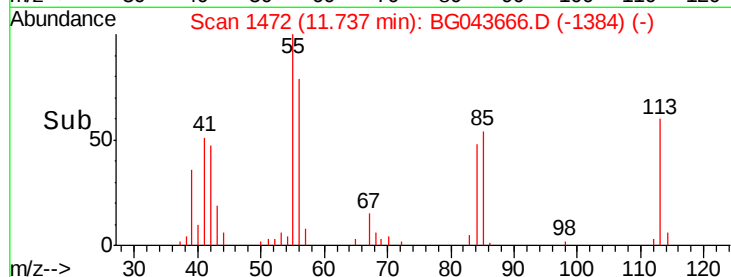
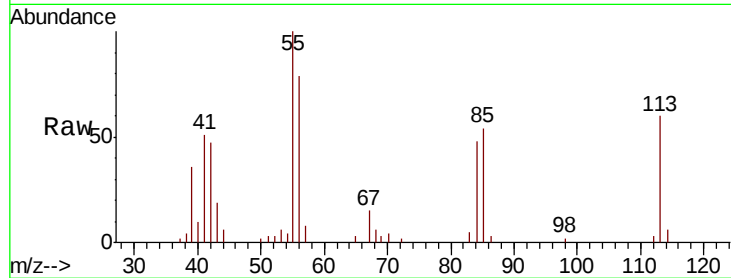
#35
Caprolactam
Concen: 51.707 ng/ml
RT: 11.74 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BG043666.D
Acq: 16 Nov 2019 1:04

Instrument :
BNA_G
ClientSampleID :
8-(8-10)MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	165.3	134.1	174.1
56	129.8	100.4	140.4

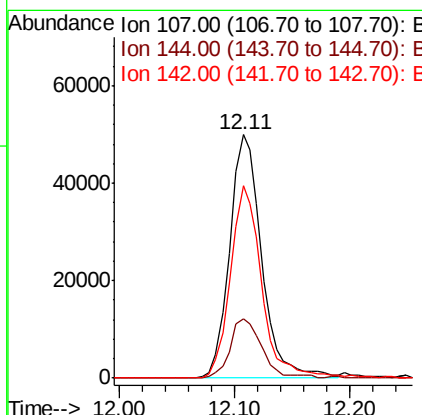
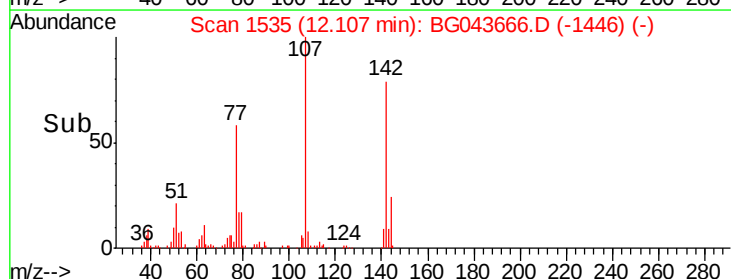
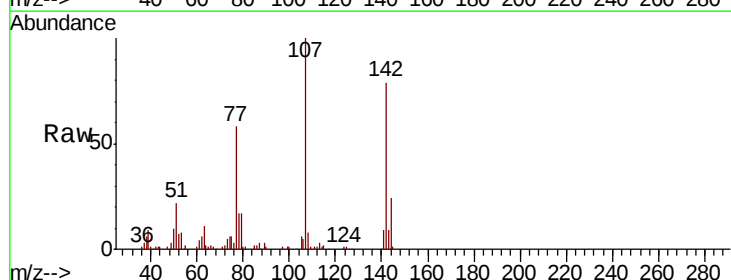
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#36
4-Chloro-3-methylphenol
Concen: 53.534 ng/ml
RT: 12.11 min Scan# 1535
Delta R.T. -0.01 min
Lab File: BG043666.D
Acq: 16 Nov 2019 1:04

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.4	20.9	31.3
142	79.1	59.6	89.4





#37

2-Methylnaphthalene

Concen: 49.158 ng

RT: 12.45 min Scan# 1593

Delta R.T. -0.02 min

Lab File: BG043666.D

Acq: 16 Nov 2019 1:04

Instrument :

BNA_G

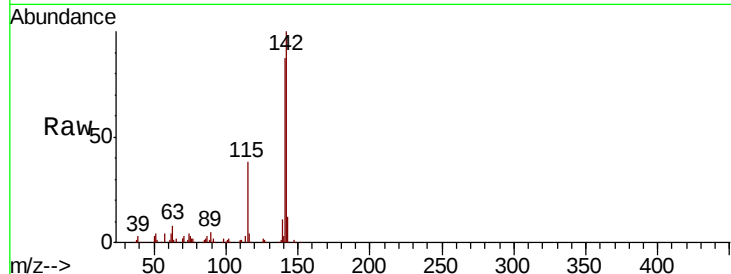
ClientSampleId :

8-(8-10)MSD

Tot Ion:	142	Resp:	192002
Ion Ratio	Lower	Upper	
142	100		
141	87.5	72.2	108.2
115	38.4	33.2	49.8

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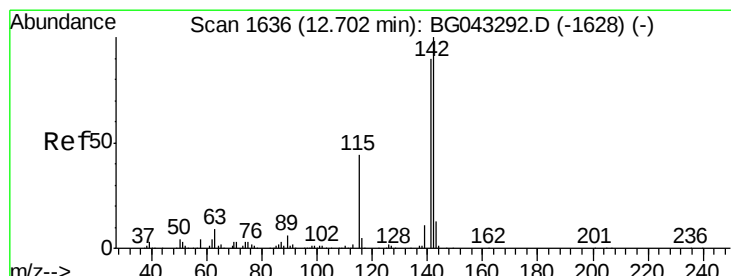
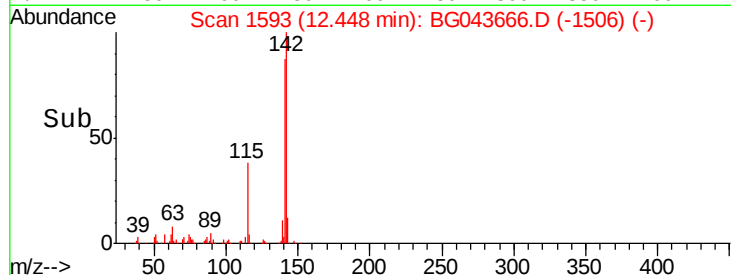
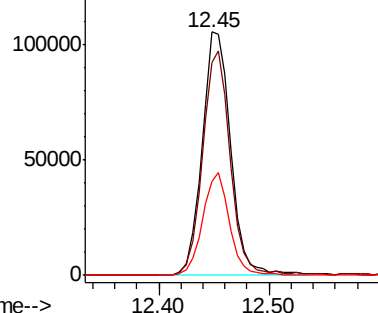


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 48.949 ng

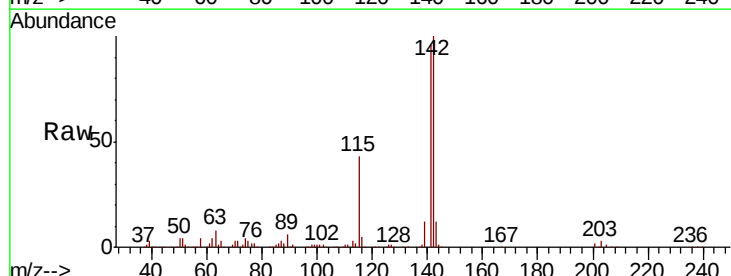
RT: 12.67 min Scan# 1631

Delta R.T. -0.02 min

Lab File: BG043666.D

Acq: 16 Nov 2019 1:04

Tgt Ion:	142	Resp:	181907
Ion Ratio	Lower	Upper	
142	100		
141	96.3	73.2	109.8
116	4.6	3.6	5.4

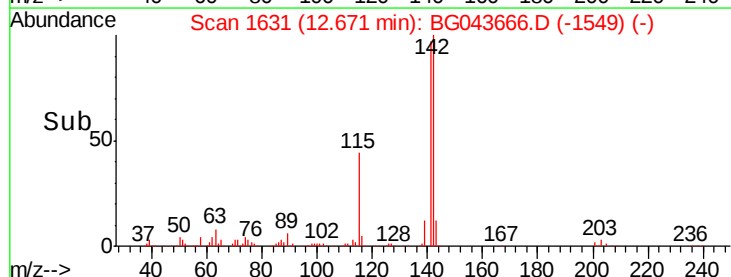
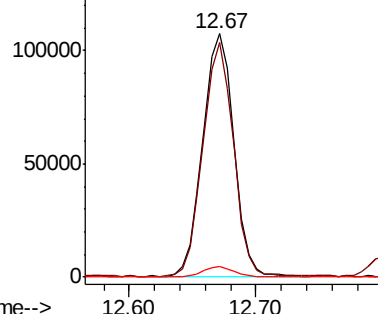


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





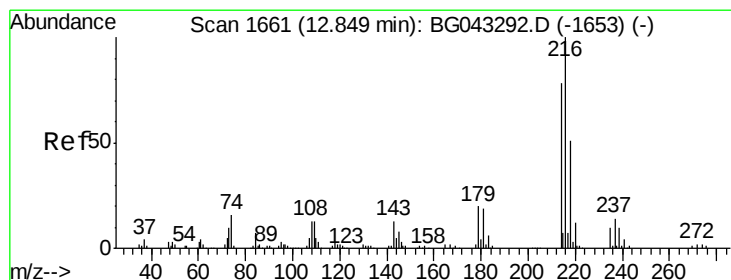
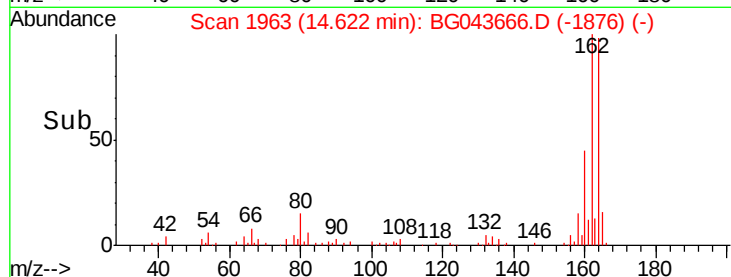
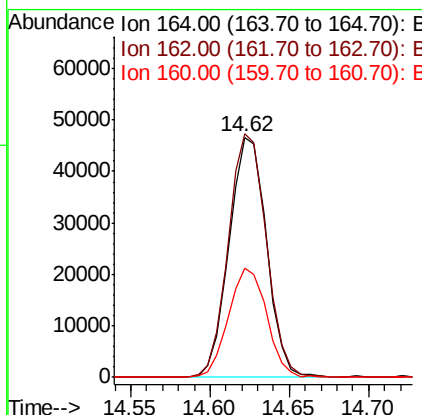
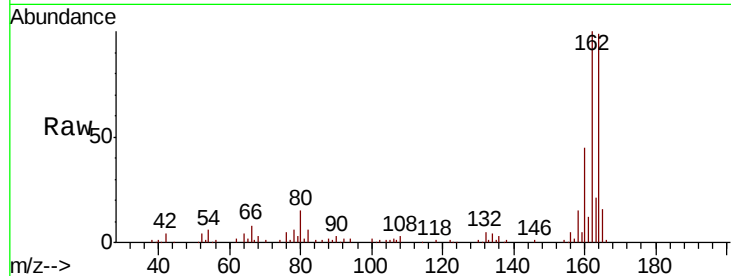
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.02 min
Lab File: BG043666.D
Acq: 16 Nov 2019 1:04

Instrument :
BNA_G
ClientSampleId :
8-(8-10)MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.4	83.5	125.3
160	45.2	36.5	54.7

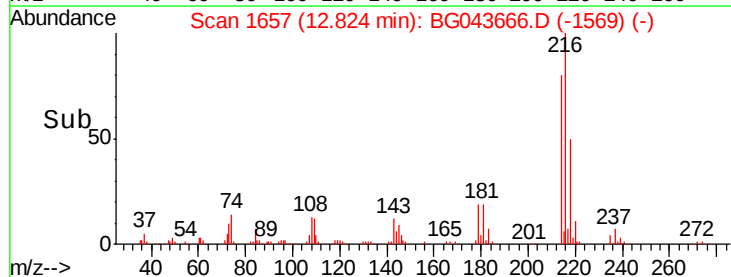
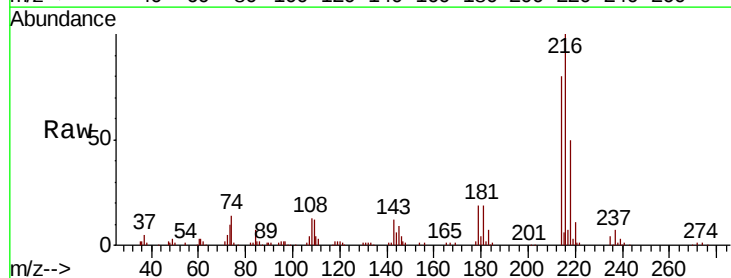
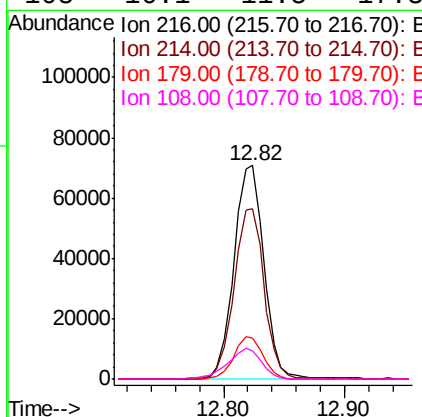
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.462 ng
RT: 12.82 min Scan# 1657
Delta R.T. -0.01 min
Lab File: BG043666.D
Acq: 16 Nov 2019 1:04

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.0	61.7	92.5
179	19.2	15.8	23.8
108	16.1	11.5	17.3





#41

Hexachlorocyclopentadiene

Concen: 81.337 ng

RT: 12.80 min Scan# 1653

Delta R.T. -0.02 min

Lab File: BG043666.D

Acq: 16 Nov 2019 1:04

Instrument :

BNA_G

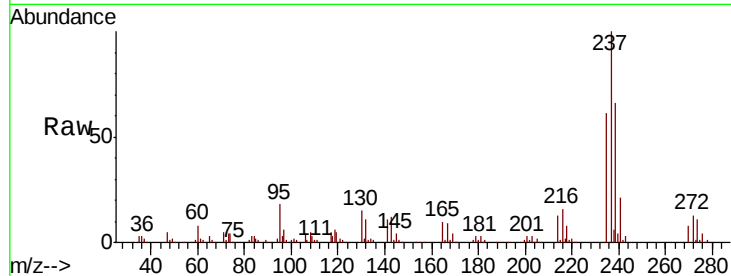
ClientSampleId :

8-(8-10)MSD

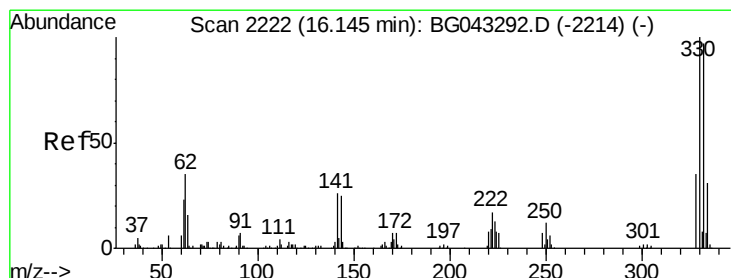
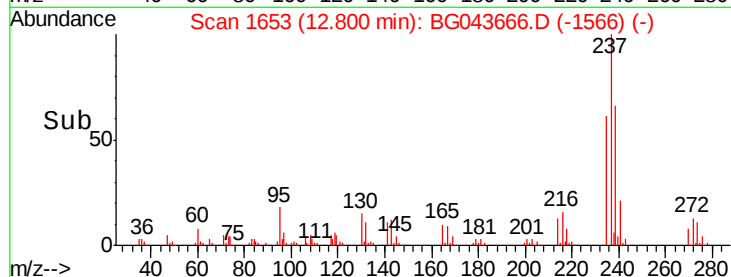
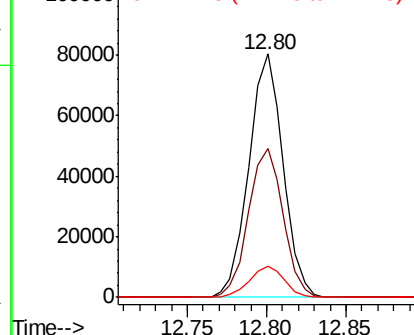
Tot Ion:	237	Resp:	120544
Ion Ratio	Lower	Upper	
237	100		
235	61.0	41.6	81.6
272	12.9	0.0	32.5

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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: 146.406 ng

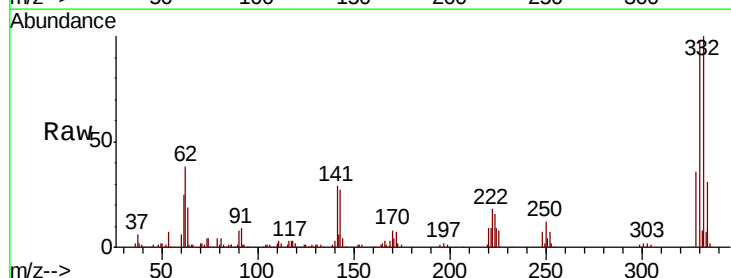
RT: 16.12 min Scan# 2218

Delta R.T. -0.01 min

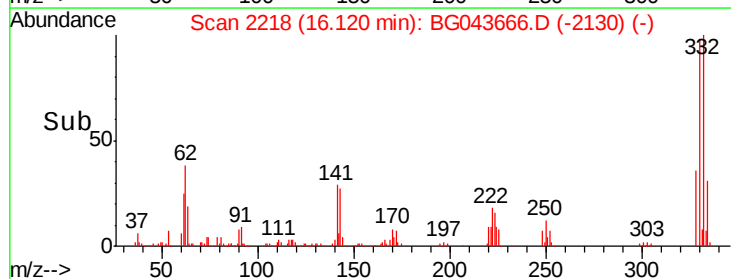
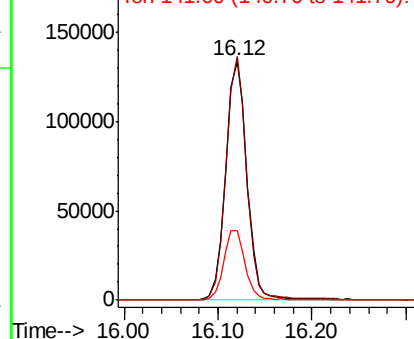
Lab File: BG043666.D

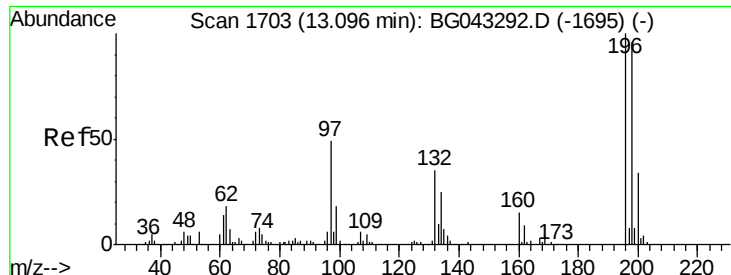
Acq: 16 Nov 2019 1:04

Tgt Ion:	330	Resp:	212394
Ion Ratio	Lower	Upper	
330	100		
332	99.6	77.4	116.0
141	29.3	22.8	34.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





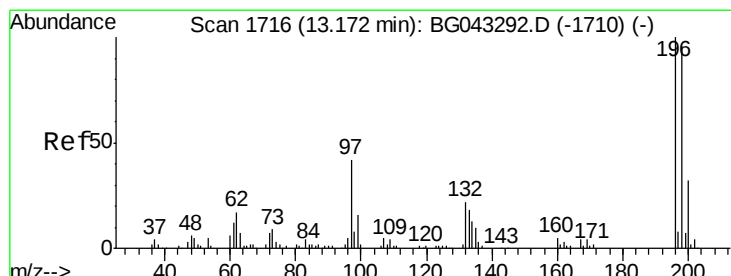
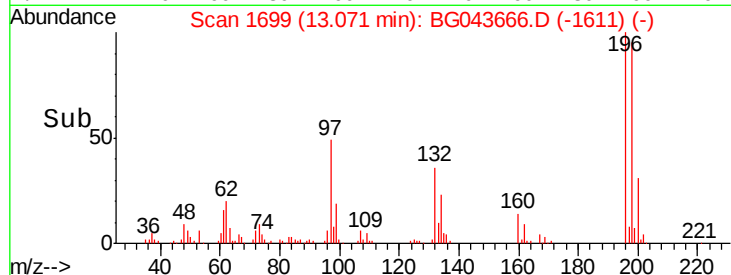
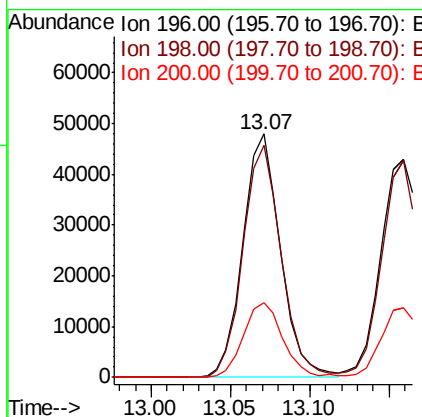
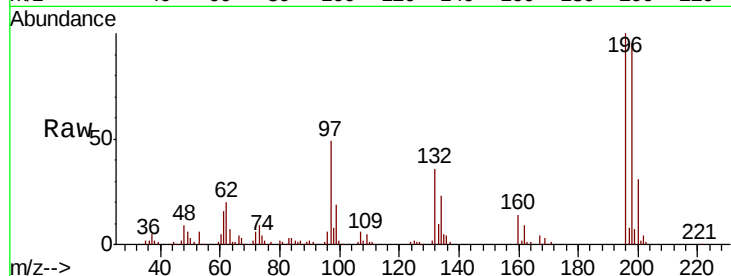
#43
 2,4,6-Trichlorophenol
 Concen: 47.654 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BG043666.D
 Acq: 16 Nov 2019 1:04

Instrument :
 BNA_G
 ClientSampleId :
 8-(8-10)MSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.2	75.8	113.6
200	30.8	23.9	35.9

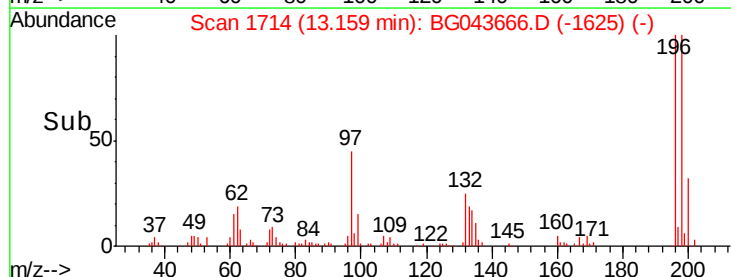
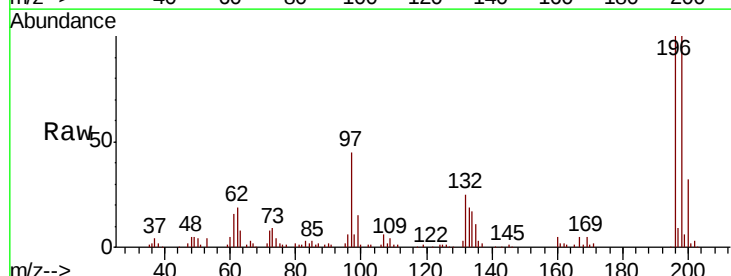
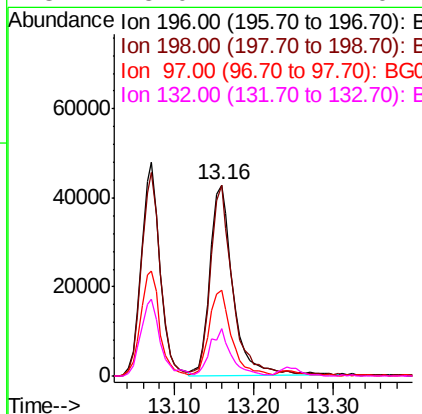
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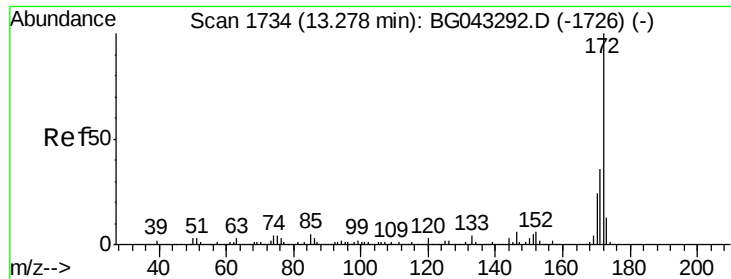
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#44
 2,4,5-Trichlorophenol
 Concen: 51.581 ng
 RT: 13.16 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG043666.D
 Acq: 16 Nov 2019 1:04

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.0	74.5	111.7
97	44.8	36.3	54.5
132	25.0	17.4	26.2





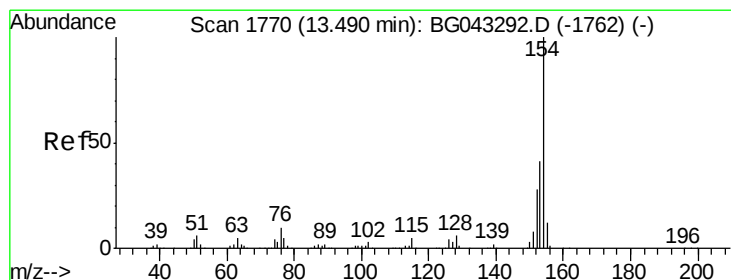
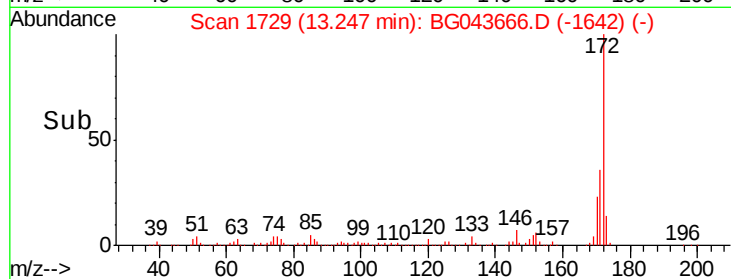
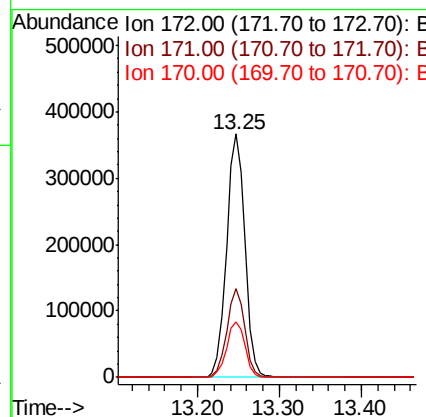
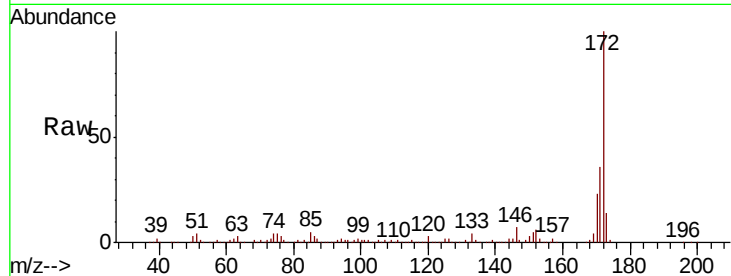
#45
2-Fluorobiphenyl
Concen: 103.204 ng
RT: 13.25 min Scan# 1729
Delta R.T. -0.02 min
Lab File: BG043666.D
Acq: 16 Nov 2019 1:04

Instrument :
BNA_G
ClientSampleId :
8-(8-10)MSD

Tot Ion	Ratio	Resp Lower	Upper
172	100		
171	36.4	28.9	43.3
170	22.6	18.5	27.7

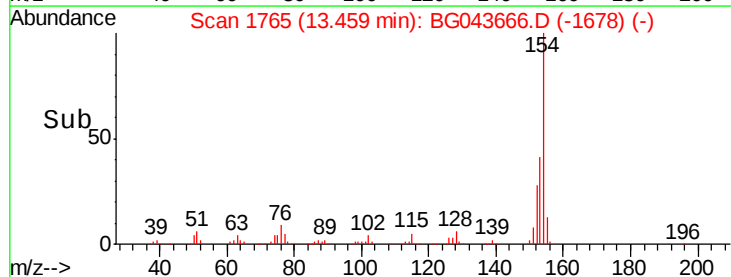
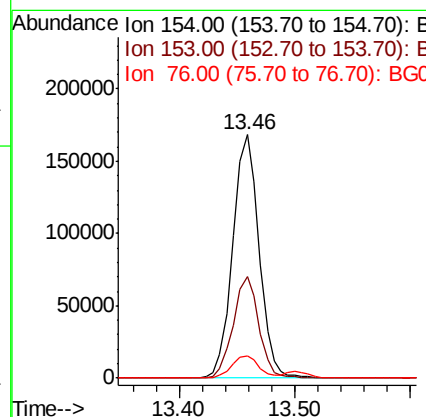
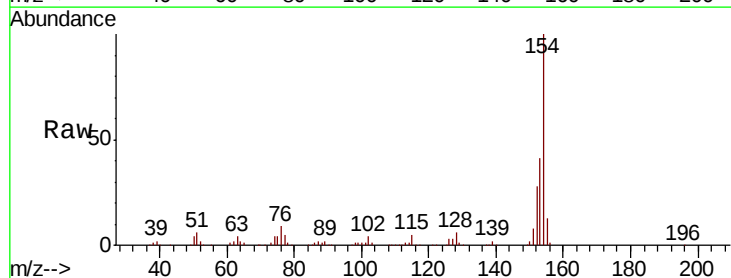
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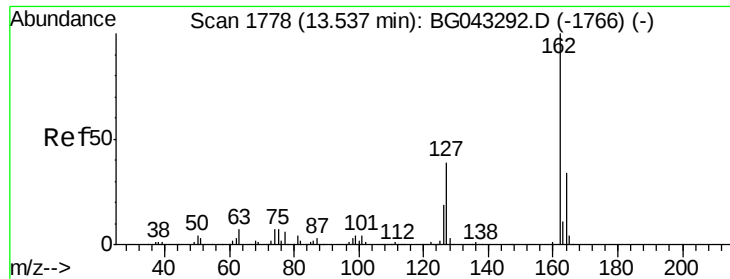
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#46
1,1'-Biphenyl
Concen: 45.780 ng
RT: 13.46 min Scan# 1765
Delta R.T. -0.02 min
Lab File: BG043666.D
Acq: 16 Nov 2019 1:04

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	41.5	19.9	59.9
76	9.1	0.0	29.4





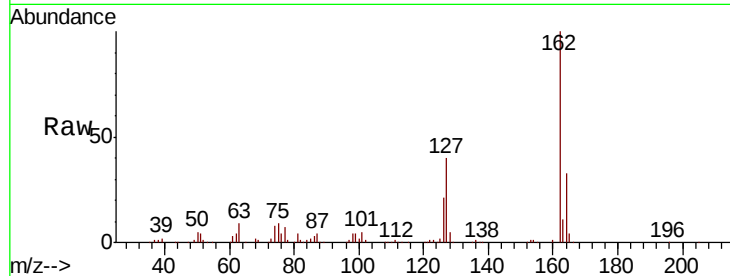
#47
2-Chloronaphthalene
Concen: 44.823 ng
RT: 13.50 min Scan# 1772
Delta R.T. -0.02 min
Lab File: BG043666.D
Acq: 16 Nov 2019 1:04

Instrument :
BNA_G
ClientSampleId :
8-(8-10)MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.5	31.2	46.8
164	33.2	25.8	38.8

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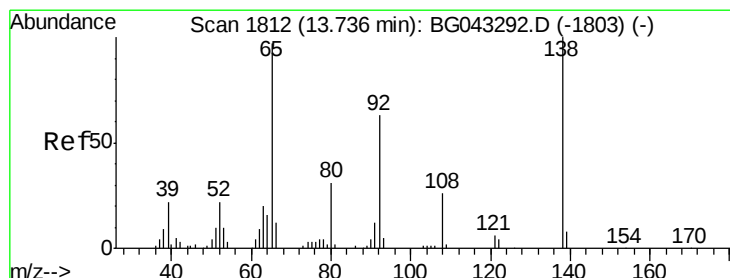
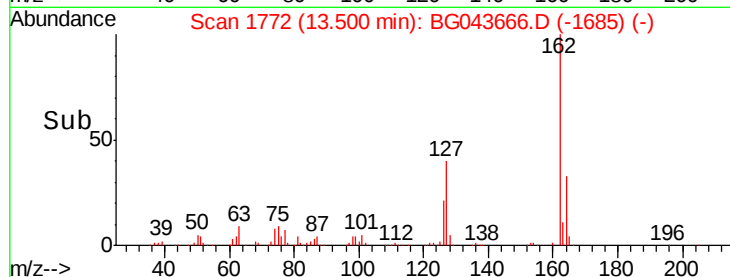
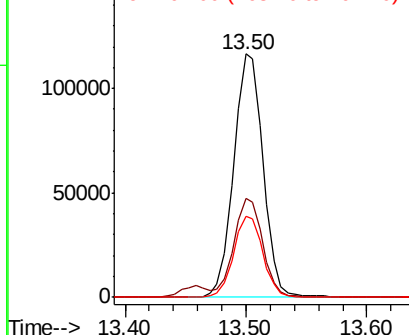


Abundance

Ion 162.00 (161.70 to 162.70): E

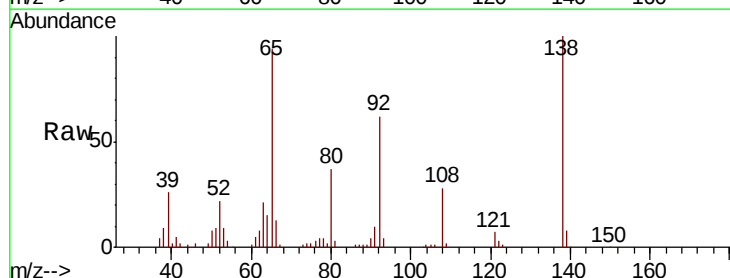
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 47.764 ng
RT: 13.71 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BG043666.D
Acq: 16 Nov 2019 1:04

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.3	56.2	84.2
138	106.2	82.6	123.8

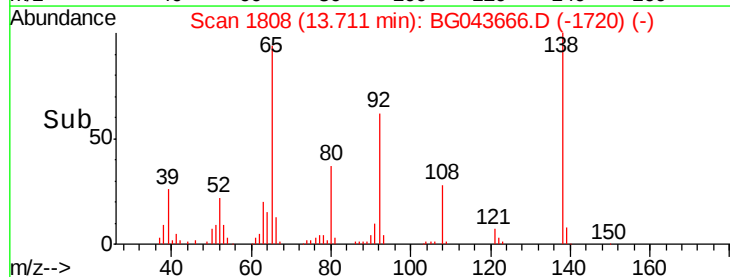
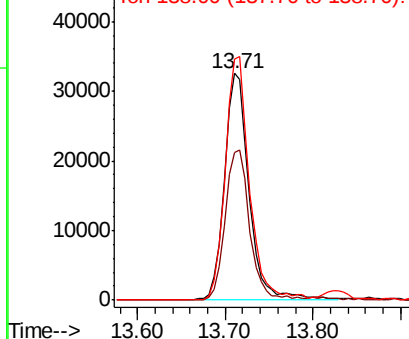


Abundance

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: 49.232 ng

RT: 14.35 min Scan# 1916

Delta R.T. -0.02 min

Lab File: BG043666.D

Acq: 16 Nov 2019 1:04

Instrument :

BNA_G

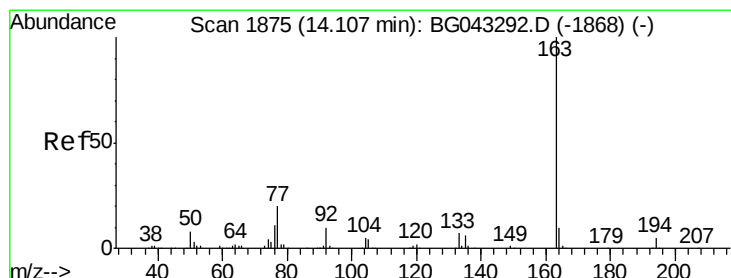
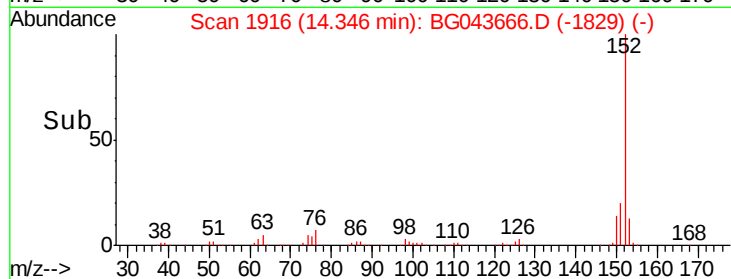
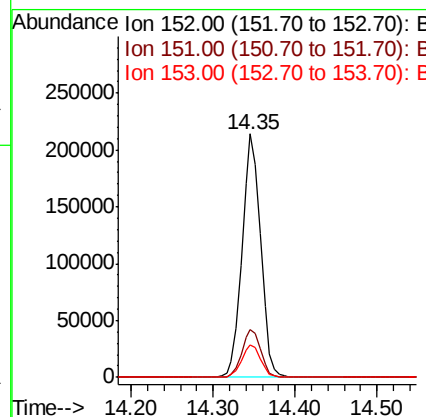
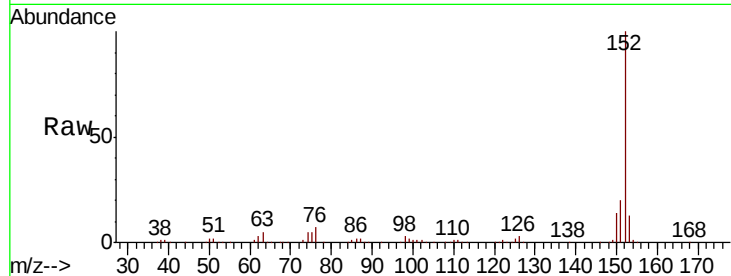
ClientSampleId :

8-(8-10)MSD

Tot Ion:	152	Resp:	338103
Ion Ratio	Lower	Upper	
152	100		
151	19.7	16.2	24.4
153	13.3	10.6	15.8

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#50

Dimethylphthalate

Concen: 61.255 ng

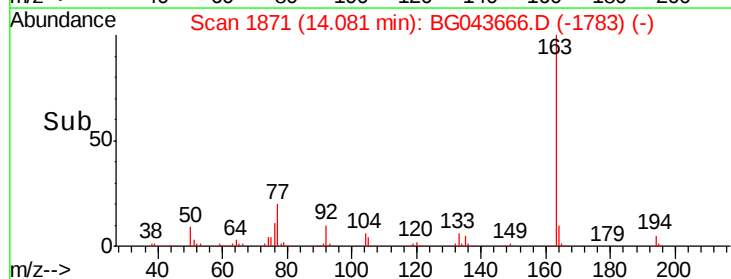
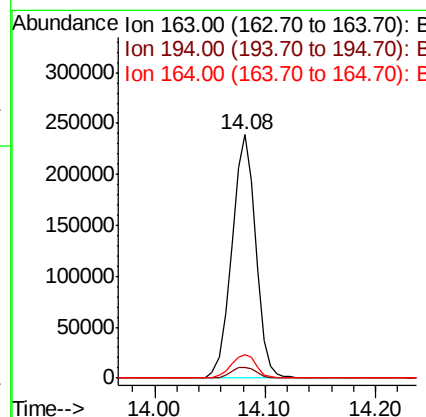
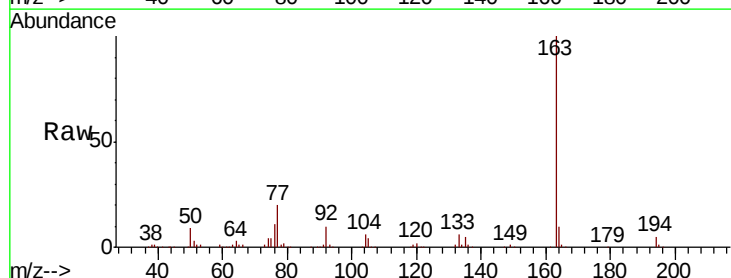
RT: 14.08 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BG043666.D

Acq: 16 Nov 2019 1:04

Tgt Ion:	163	Resp:	361696
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.8	5.6
164	9.9	8.9	13.3





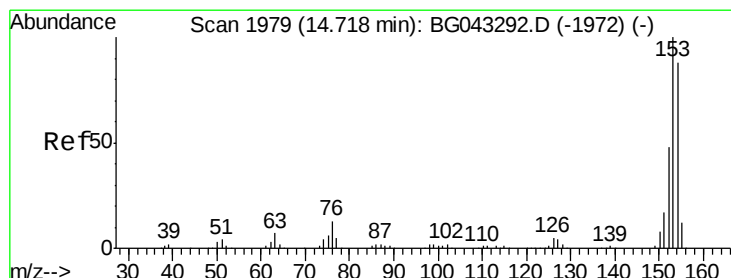
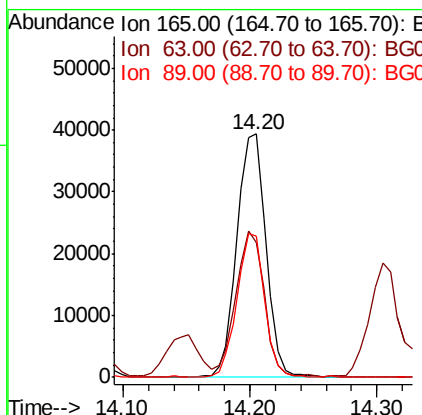
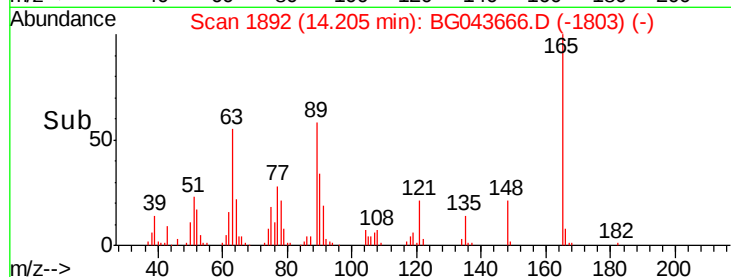
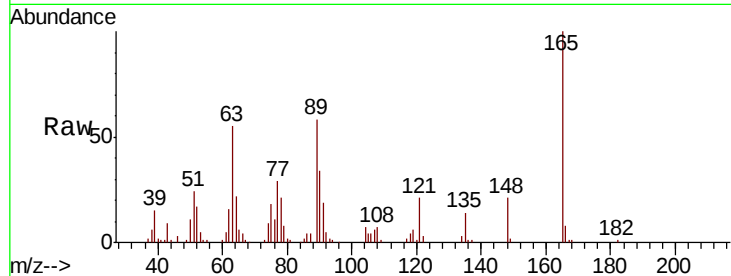
#51
2,6-Dinitrotoluene
Concen: 48.754 ng
RT: 14.20 min Scan# 1892
Delta R.T. -0.01 min
Lab File: BG043666.D
Acq: 16 Nov 2019 1:04

Instrument :
BNA_G
ClientSampleId :
8-(8-10)MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	55.2	46.6	69.8
89	57.8	45.1	67.7

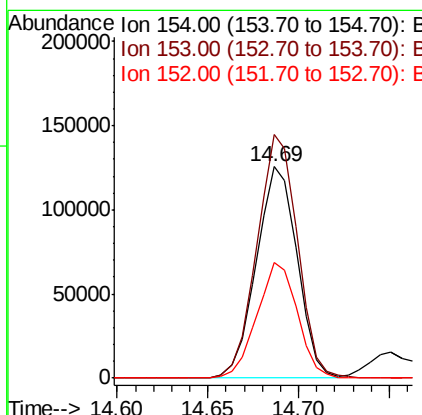
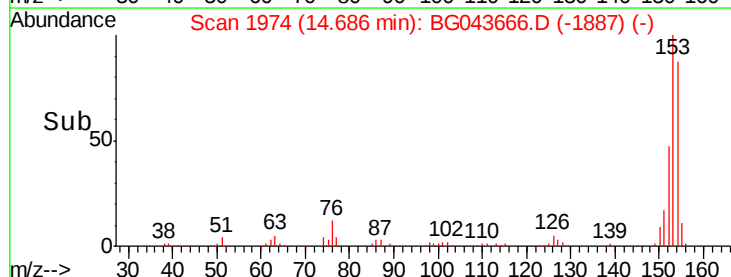
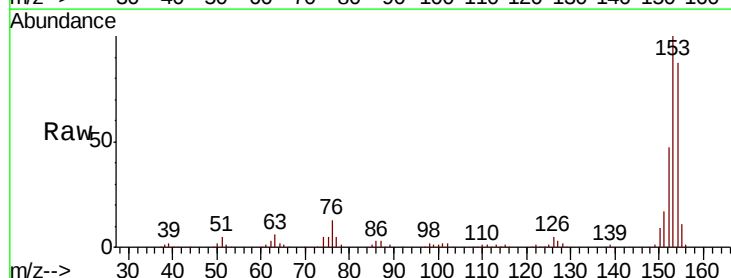
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#52
Acenaphthene
Concen: 47.063 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.02 min
Lab File: BG043666.D
Acq: 16 Nov 2019 1:04

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.1	88.2	132.2
152	54.5	40.0	60.0





#53

3-Nitroaniline

Concen: 19.899 ng

RT: 14.55 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BG043666.D

Acq: 16 Nov 2019 1:04

Instrument :

BNA_G

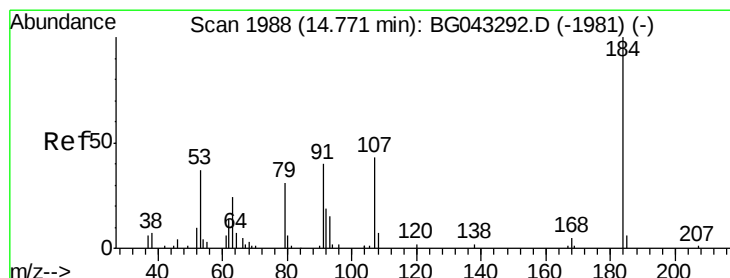
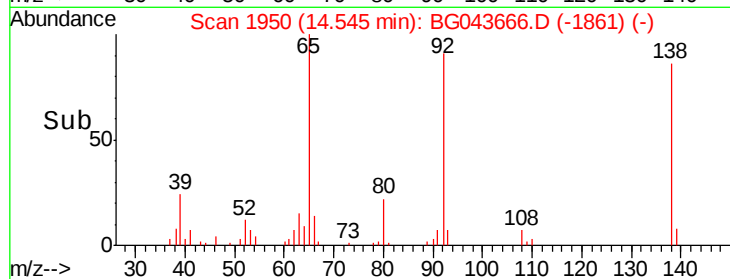
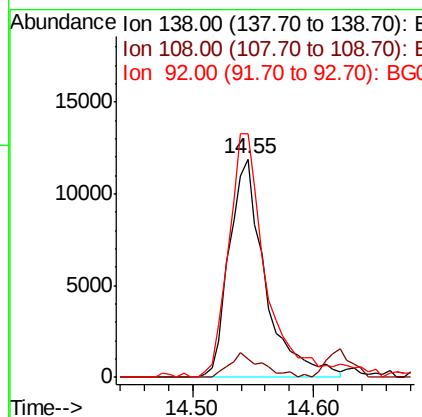
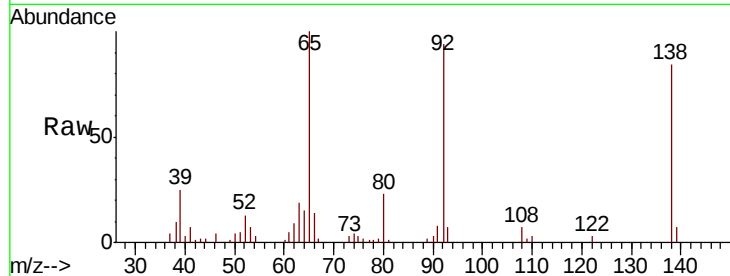
ClientSampleId :

8-(8-10)MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	8.6	8.0	12.0
92	111.4	90.9	136.3

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#54

2,4-Dinitrophenol

Concen: 62.552 ng

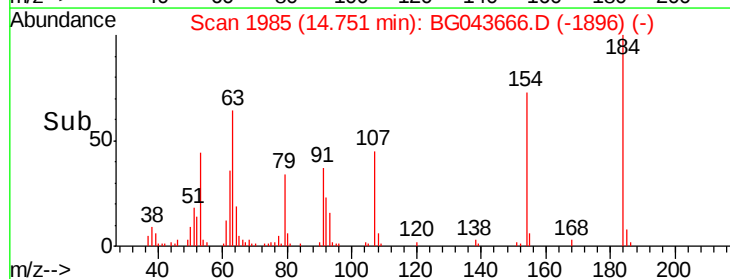
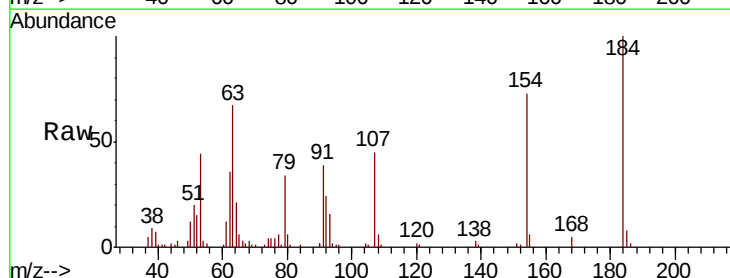
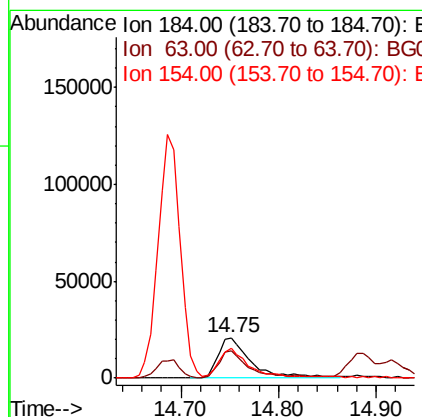
RT: 14.75 min Scan# 1985

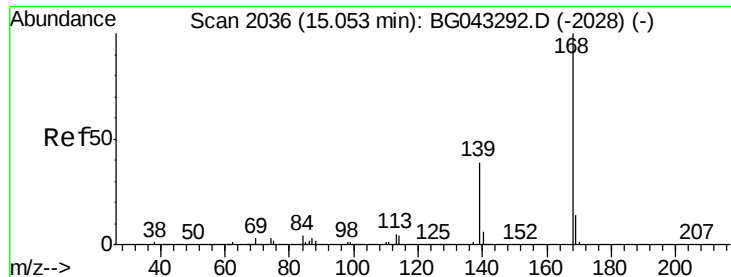
Delta R.T. -0.01 min

Lab File: BG043666.D

Acq: 16 Nov 2019 1:04

Tgt Ion	Ratio	Lower	Upper
184	100		
63	66.9	51.3	76.9
154	73.0	55.4	83.0





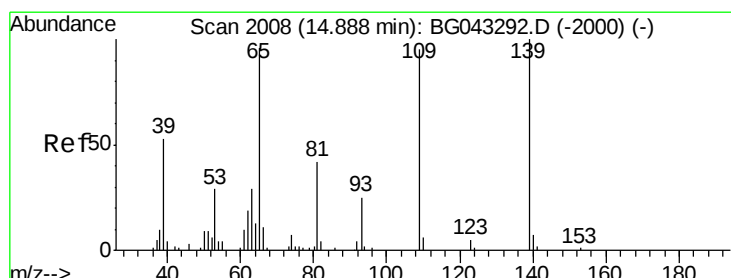
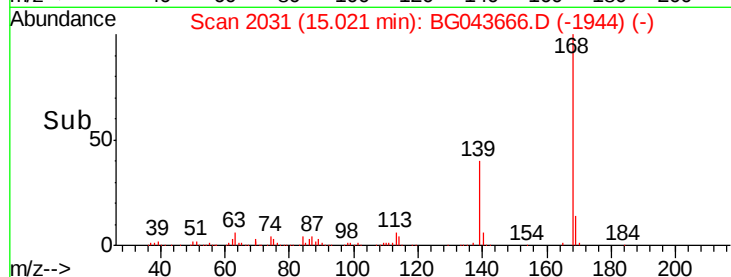
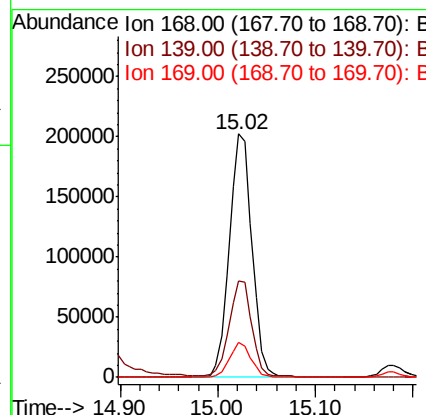
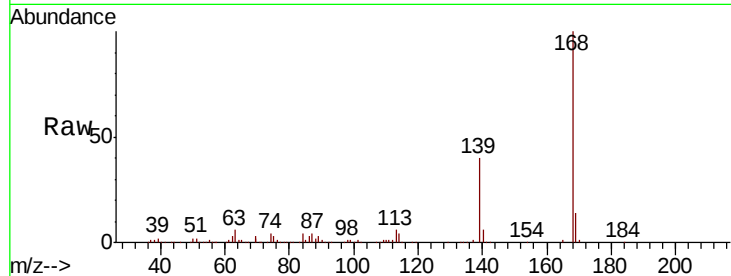
#55
Dibenzofuran
Concen: 47.954 ng
RT: 15.02 min Scan# 2031
Delta R.T. -0.02 min
Lab File: BG043666.D
Acq: 16 Nov 2019 1:04

Instrument :
BNA_G
ClientSampleId :
8-(8-10)MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.5	31.0	46.6
169	14.3	11.7	17.5

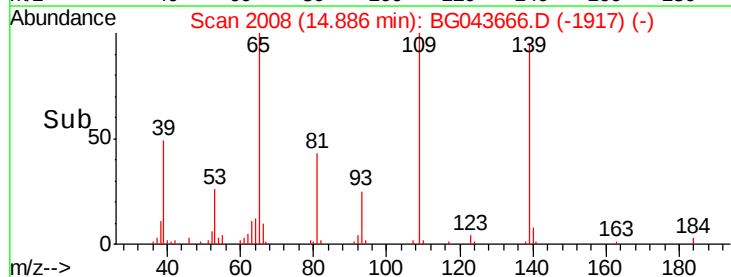
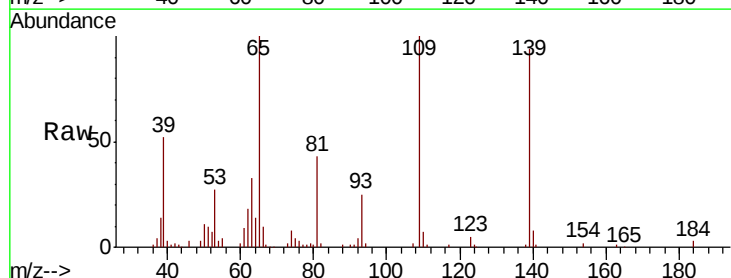
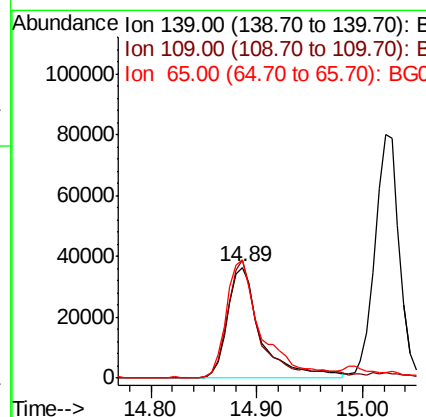
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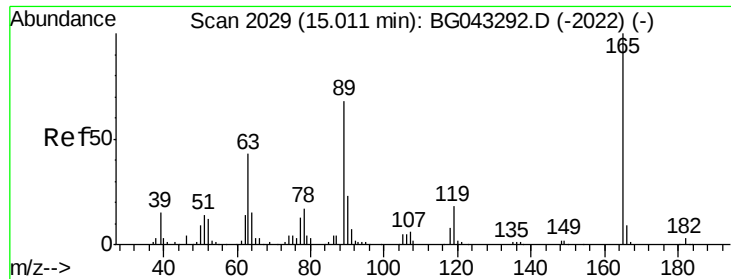
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#56
4-Nitrophenol
Concen: 95.873 ng
RT: 14.89 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BG043666.D
Acq: 16 Nov 2019 1:04

Tgt Ion	Ratio	Lower	Upper
139	100		
109	106.4	87.2	127.2
65	106.4	83.8	123.8





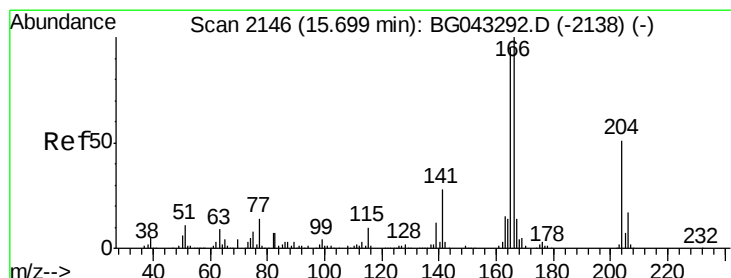
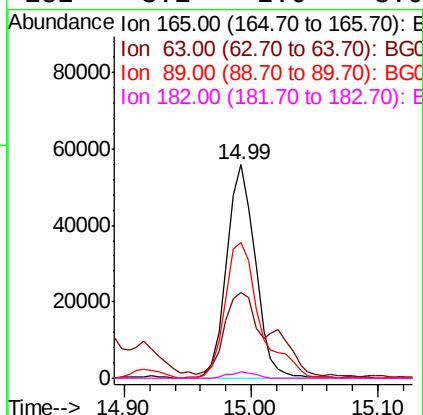
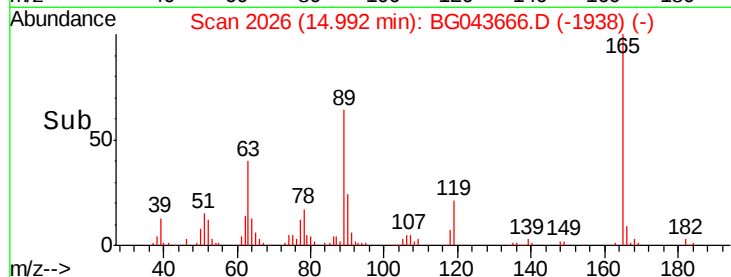
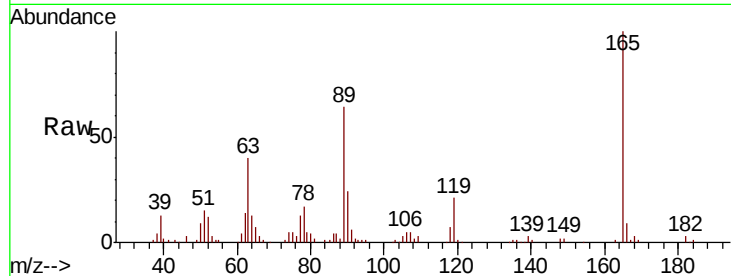
#57
2,4-Dinitrotoluene
Concen: 47.498 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BG043666.D
Acq: 16 Nov 2019 1:04

Instrument :
BNA_G
ClientSampleId :
8-(8-10)MSD

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	40.4	33.2	49.8
89	63.6	52.2	78.4
182	3.1	2.0	3.0#

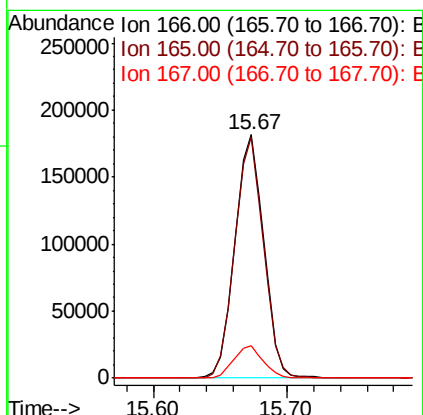
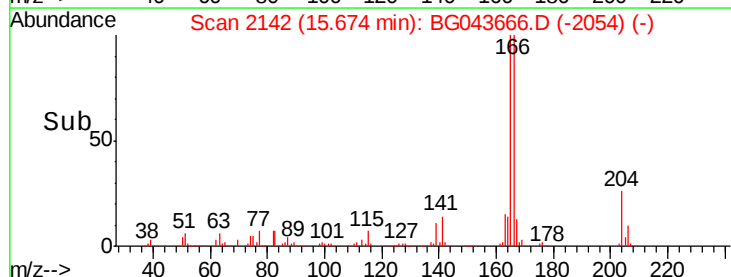
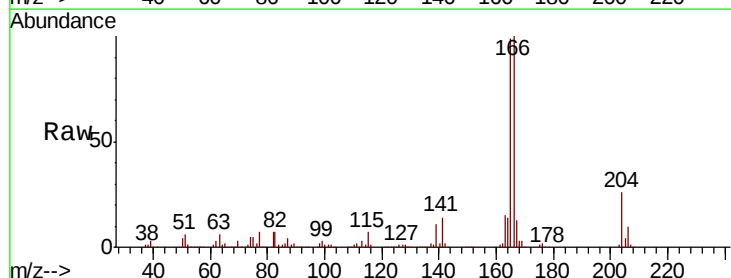
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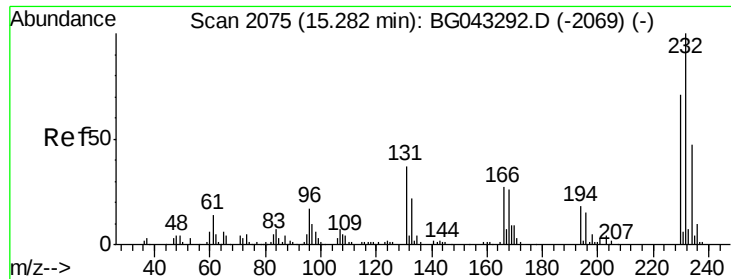
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#58
Fluorene
Concen: 48.001 ng
RT: 15.67 min Scan# 2142
Delta R.T. -0.01 min
Lab File: BG043666.D
Acq: 16 Nov 2019 1:04

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	99.1	79.0	118.6
167	13.4	10.5	15.7





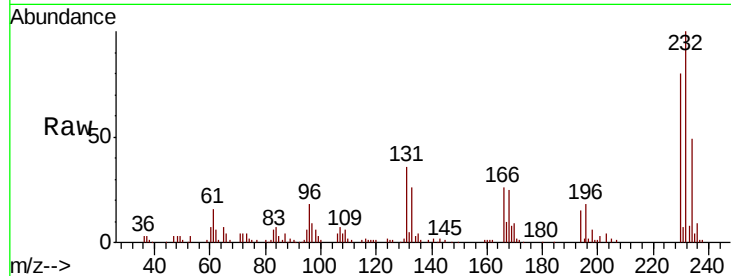
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.560 ng
 RT: 15.26 min Scan# 2072
 Delta R.T. -0.01 min
 Lab File: BG043666.D
 Acq: 16 Nov 2019 1:04

Instrument :
 BNA_G
 ClientSampleId :
 8-(8-10)MSD

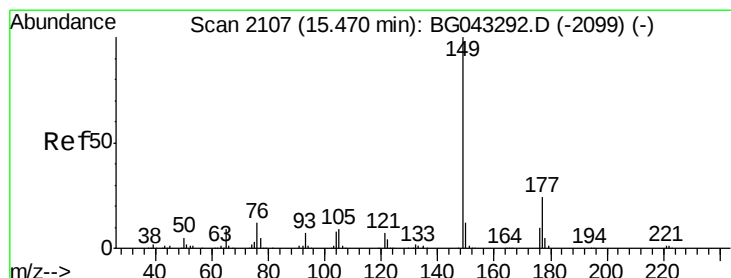
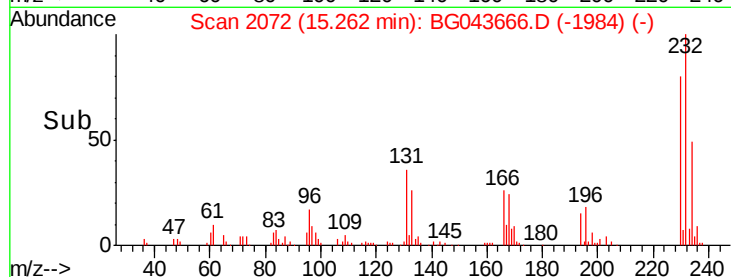
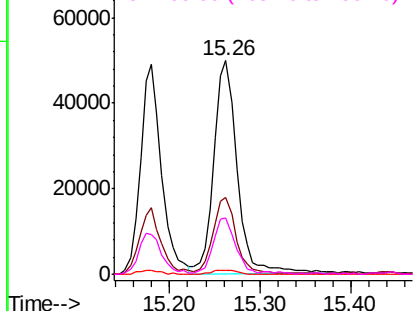
Tot Ion:	232	Resp:	88446
Ion Ratio	Lower	Upper	
232	100		
131	36.7	26.9	40.3
130	2.1	1.8	2.6
166	24.1	20.9	31.3

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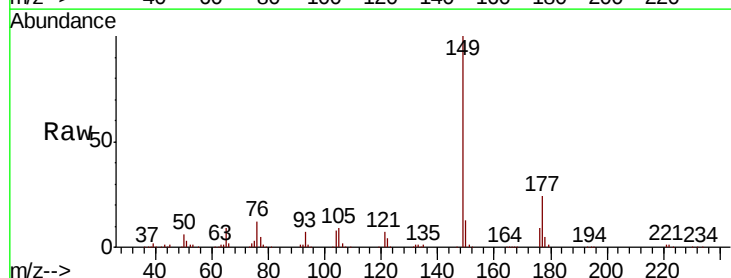


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

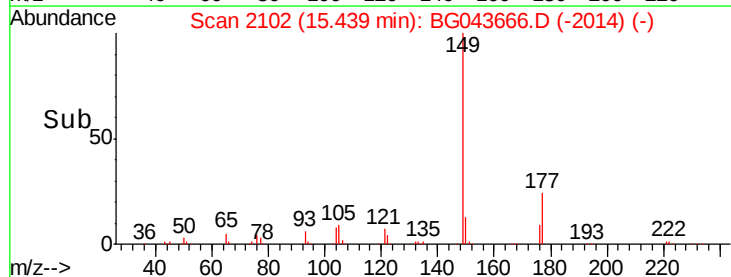
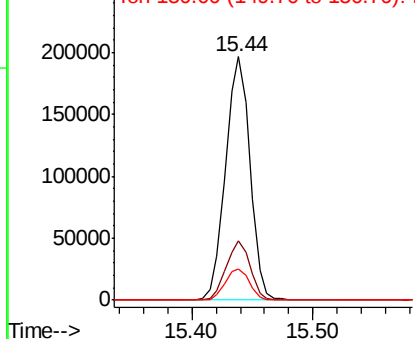


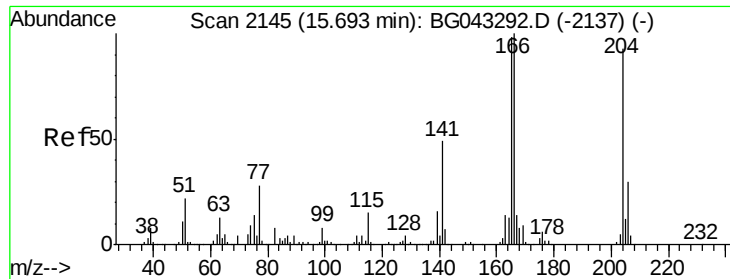
#60
 Diethylphthalate
 Concen: 46.473 ng
 RT: 15.44 min Scan# 2102
 Delta R.T. -0.01 min
 Lab File: BG043666.D
 Acq: 16 Nov 2019 1:04

Tgt Ion:	149	Resp:	275723
Ion Ratio	Lower	Upper	
149	100		
177	24.3	19.6	29.4
150	12.8	10.8	16.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





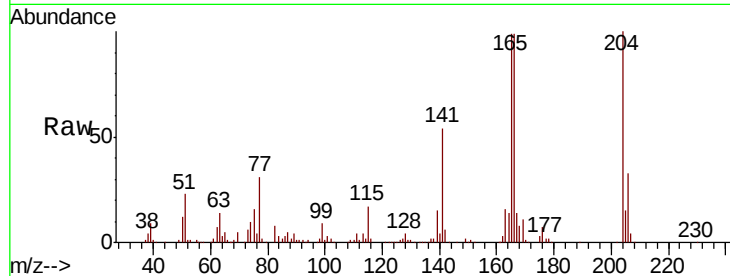
#61
4-Chlorophenyl-phenylether
Concen: 46.995 ng
RT: 15.66 min Scan# 2140
Delta R.T. -0.02 min
Lab File: BG043666.D
Acq: 16 Nov 2019 1:04

Instrument :
BNA_G
ClientSampleId :
8-(8-10)MSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100	156165		
206	33.4	28.4	42.6	
141	54.1	43.0	64.6	

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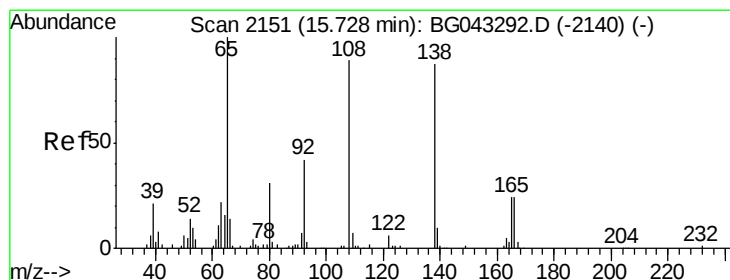
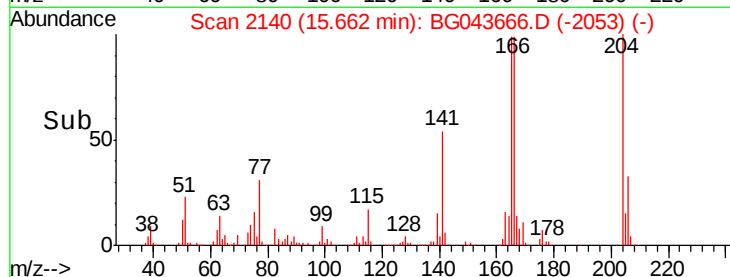
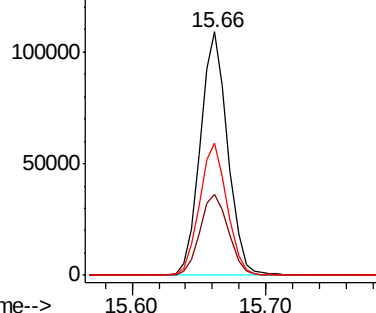


Abundance

Ion 204.00 (203.70 to 204.70): E

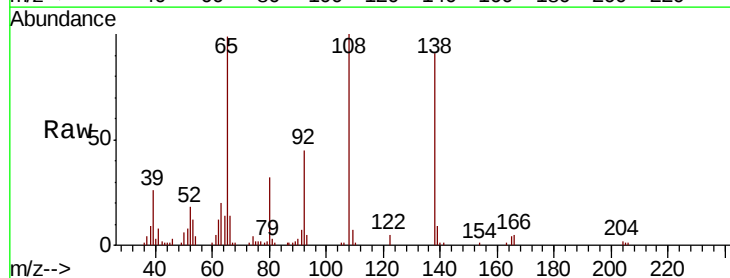
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 43.430 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.01 min
Lab File: BG043666.D
Acq: 16 Nov 2019 1:04

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	55550		
92	49.6	33.4	73.4	
108	110.3	78.0	118.0	

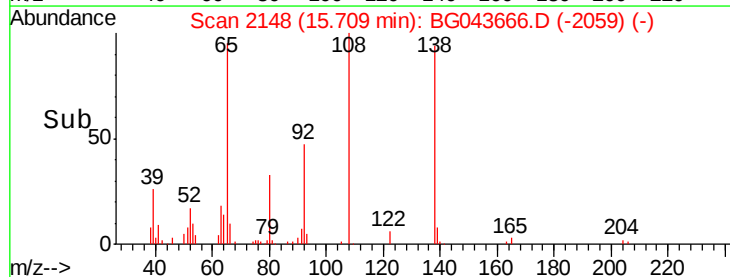
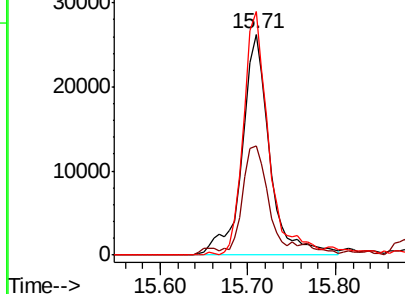


Abundance

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





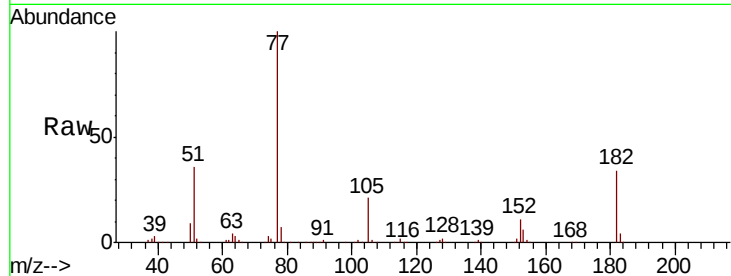
#63
Azobenzene
Concen: 48.097 ng
RT: 15.96 min Scan# 2190
Delta R.T. -0.02 min
Lab File: BG043666.D
Acq: 16 Nov 2019 1:04

Instrument :
BNA_G
ClientSampleId :
8-(8-10)MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	33.8	13.7	53.7
105	20.8	0.4	40.4
51	35.6	11.0	51.0

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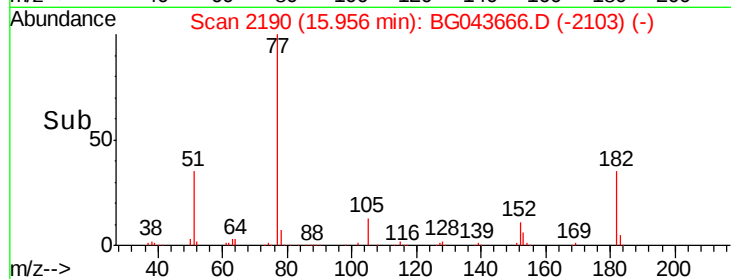
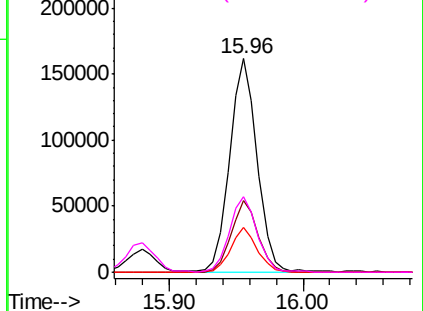
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

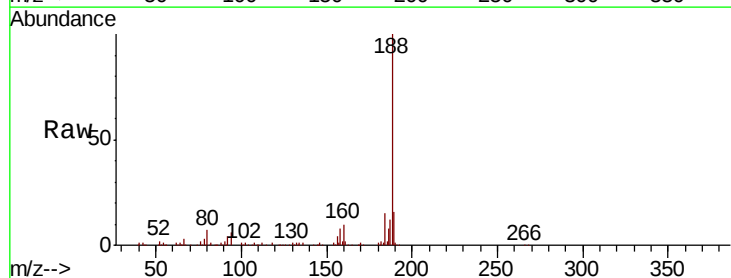
Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2431
Delta R.T. -0.02 min
Lab File: BG043666.D
Acq: 16 Nov 2019 1:04

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.7	4.2	6.4
80	6.8	4.5	6.7#

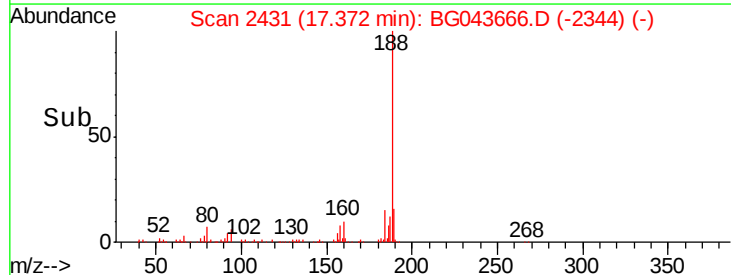
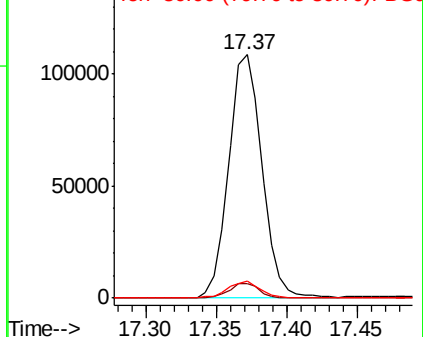


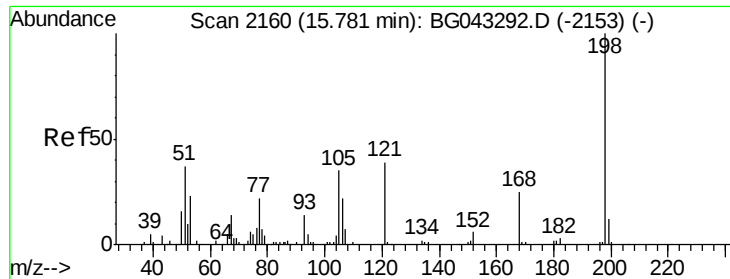
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 43.739 ng

RT: 15.76 min Scan# 2157

Delta R.T. -0.01 min

Lab File: BG043666.D

Acq: 16 Nov 2019 1:04

Instrument :

BNA_G

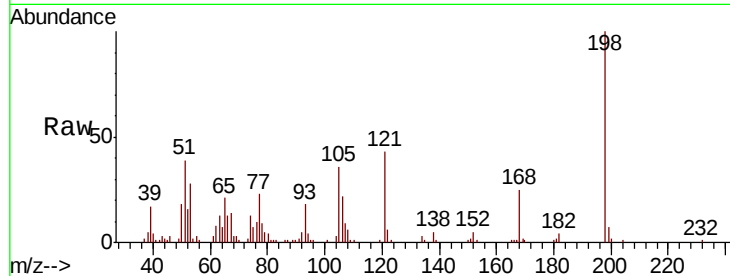
ClientSampleId :

8-(8-10)MSD

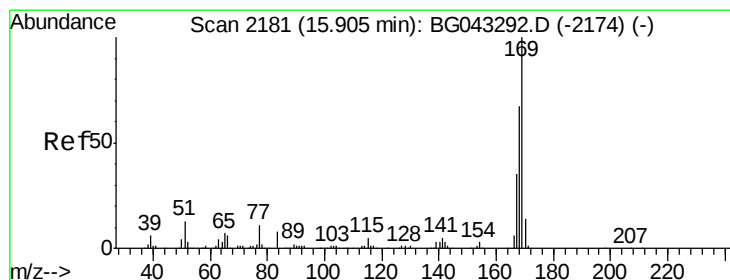
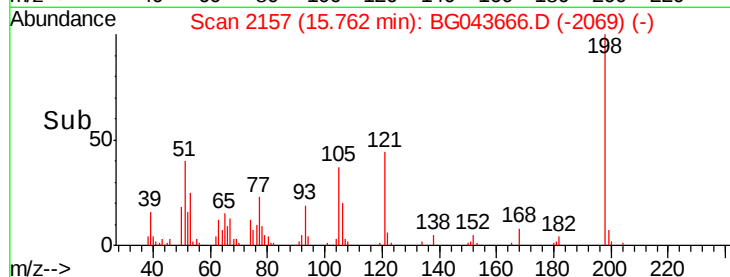
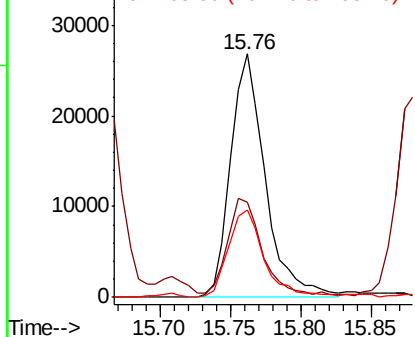
Tot Ion:	198	Resp:	46064
Ion Ratio	Lower	Upper	
198	100		
51	39.1	13.2	53.2
105	35.8	15.8	55.8

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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 48.885 ng

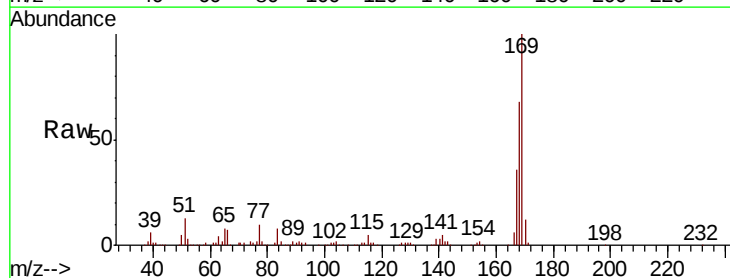
RT: 15.88 min Scan# 2177

Delta R.T. -0.01 min

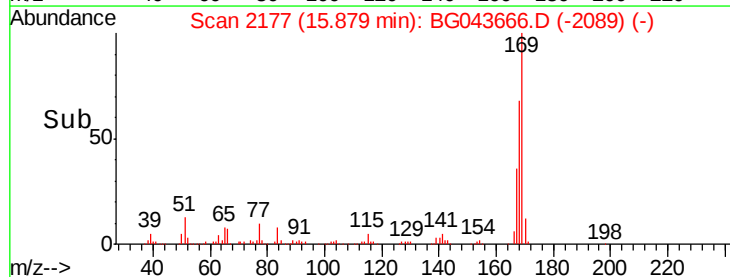
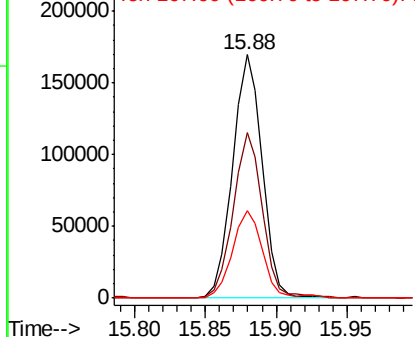
Lab File: BG043666.D

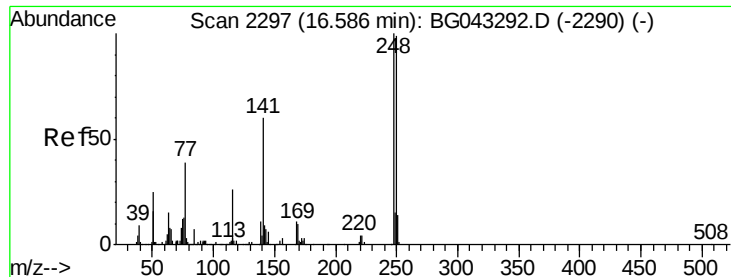
Acq: 16 Nov 2019 1:04

Tgt Ion:	169	Resp:	246984
Ion Ratio	Lower	Upper	
169	100		
168	67.9	53.8	80.6
167	35.7	27.5	41.3



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





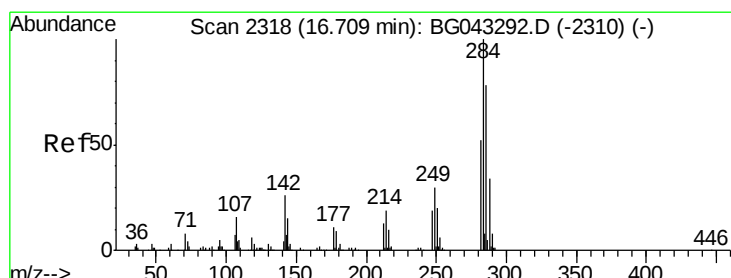
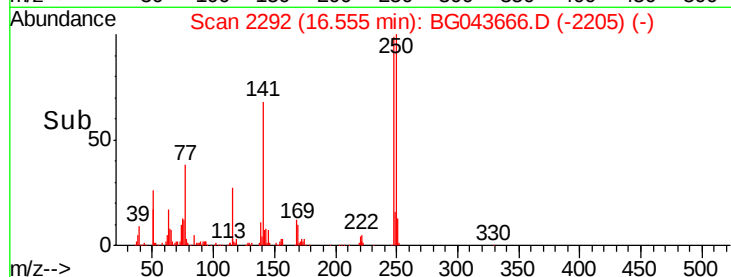
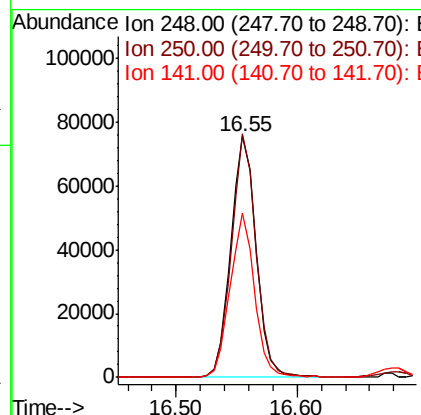
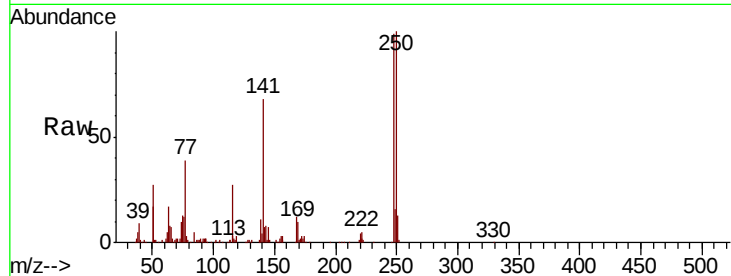
#67
4-Bromophenyl-phenylether
Concen: 45.872 ng
RT: 16.55 min Scan# 2292
Delta R.T. -0.02 min
Lab File: BG043666.D
Acq: 16 Nov 2019 1:04

Instrument :
BNA_G
ClientSampleId :
8-(8-10)MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	101.2	77.0	115.4
141	68.5	47.5	71.3

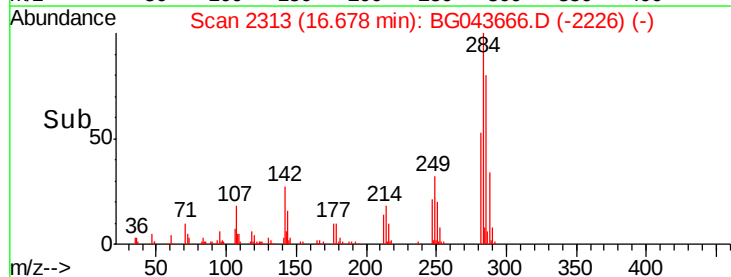
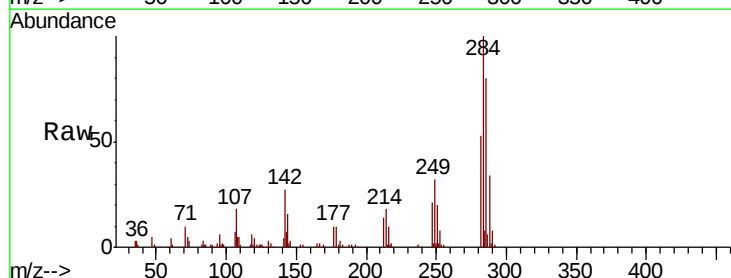
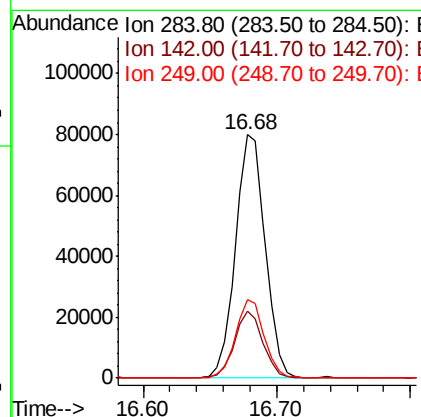
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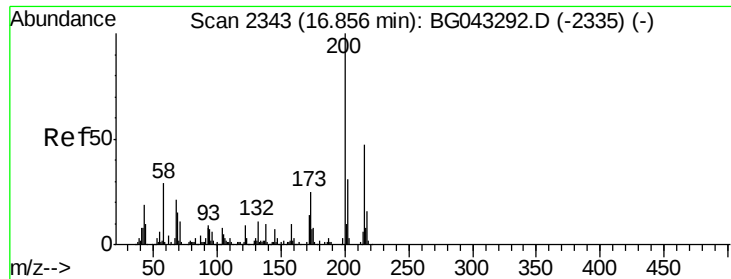
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#68
Hexachlorobenzene
Concen: 44.655 ng
RT: 16.68 min Scan# 2313
Delta R.T. -0.02 min
Lab File: BG043666.D
Acq: 16 Nov 2019 1:04

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.4	19.8	29.8
249	32.2	23.8	35.6





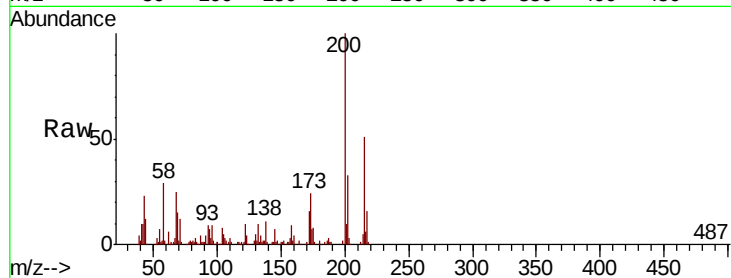
#69
Atrazine
Concen: 59.265 ng
RT: 16.83 min Scan# 2338
Delta R.T. -0.02 min
Lab File: BG043666.D
Acq: 16 Nov 2019 1:04

Instrument :
BNA_G
ClientSampled :
8-(8-10)MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.7	4.7	44.7
215	50.6	28.5	68.5

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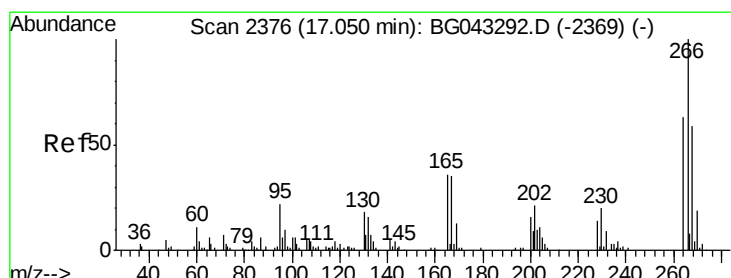
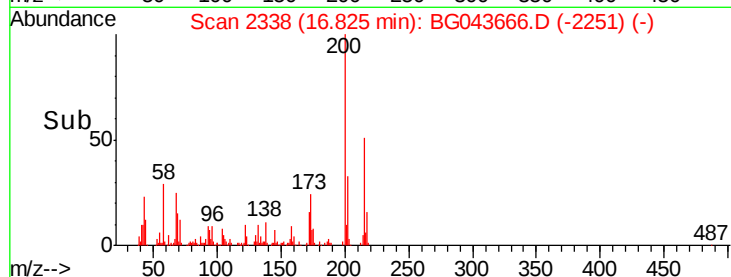
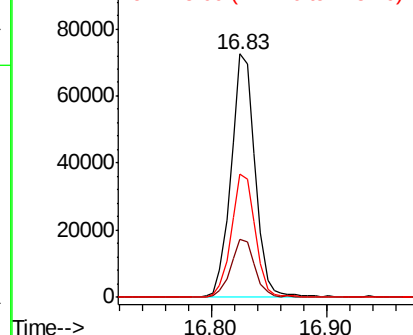


Abundance

Ion 200.00 (199.70 to 200.70): E

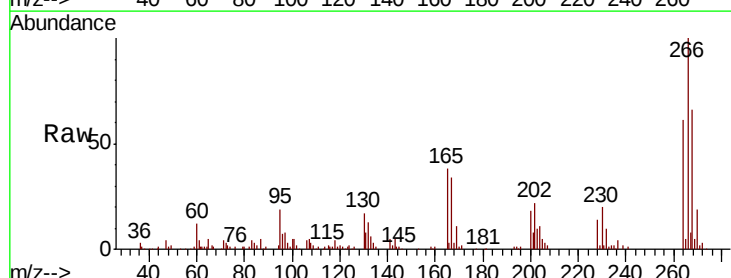
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 81.220 ng
RT: 17.04 min Scan# 2374
Delta R.T. -0.01 min
Lab File: BG043666.D
Acq: 16 Nov 2019 1:04

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.1	50.4	75.6
264	60.7	48.9	73.3

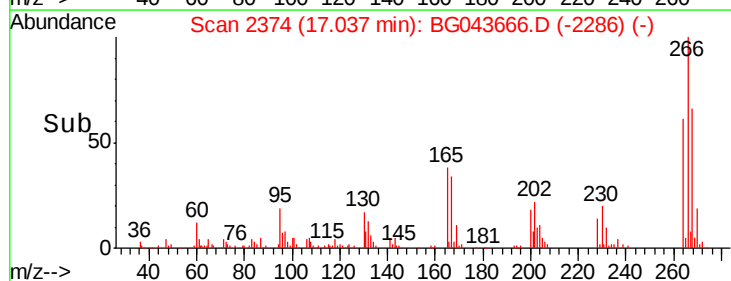
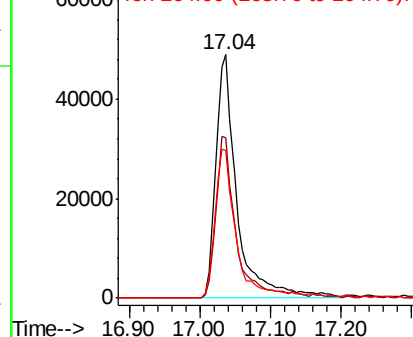


Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





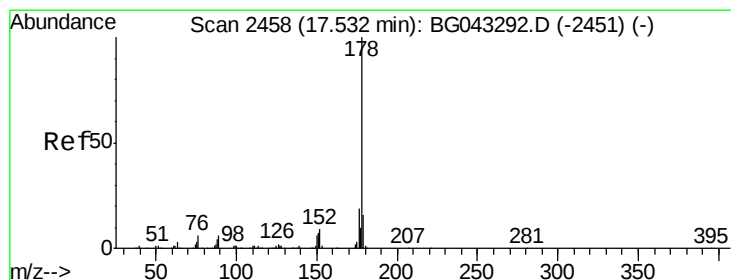
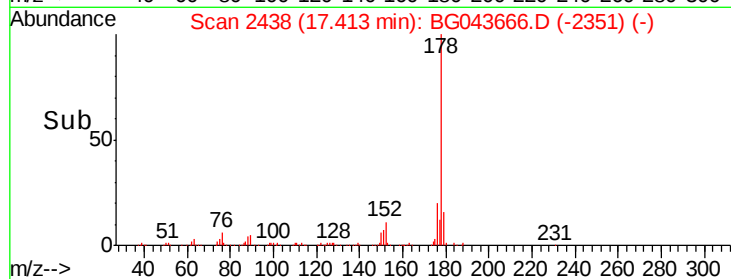
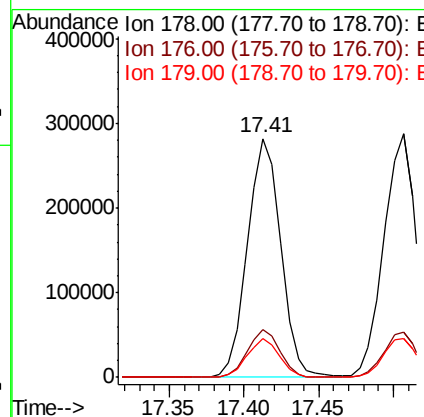
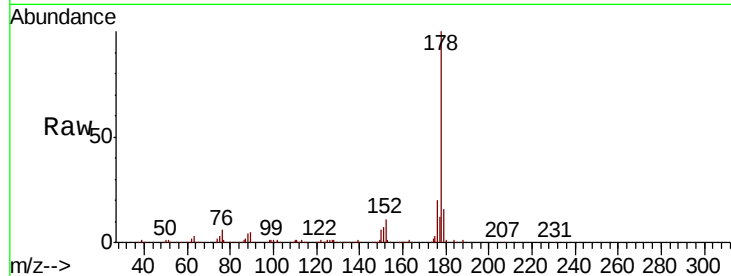
#71
Phenanthrene
Concen: 47.419 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.02 min
Lab File: BG043666.D
Acq: 16 Nov 2019 1:04

Instrument :
BNA_G
ClientSampleId :
8-(8-10)MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.4	23.0
179	16.3	13.0	19.6

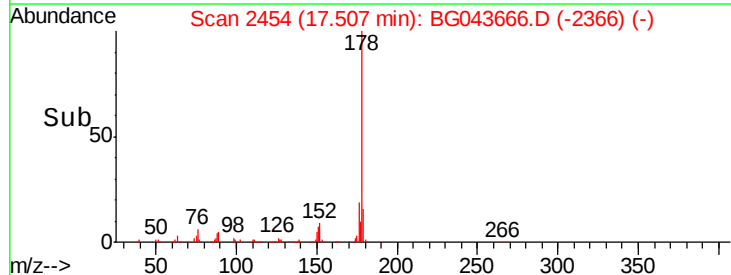
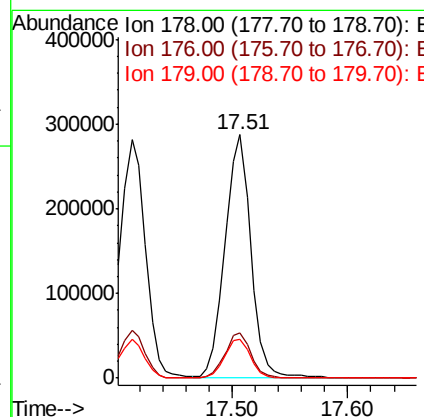
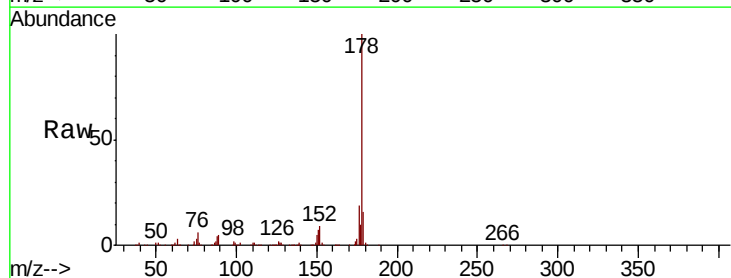
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#72
Anthracene
Concen: 48.418 ng
RT: 17.51 min Scan# 2454
Delta R.T. -0.01 min
Lab File: BG043666.D
Acq: 16 Nov 2019 1:04

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.5	23.3
179	16.0	13.7	20.5





#73

Carbazole

Concen: 48.046 ng

RT: 17.78 min Scan# 2500

Delta R.T. -0.02 min

Lab File: BG043666.D

Acq: 16 Nov 2019 1:04

Instrument :

BNA_G

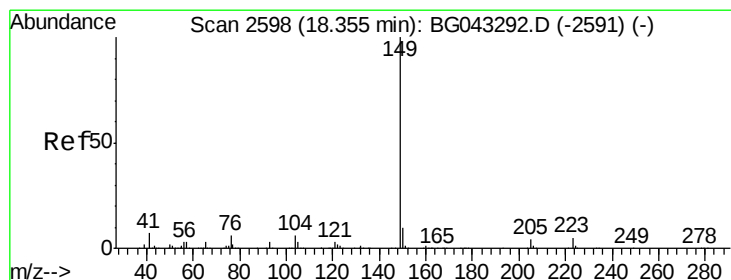
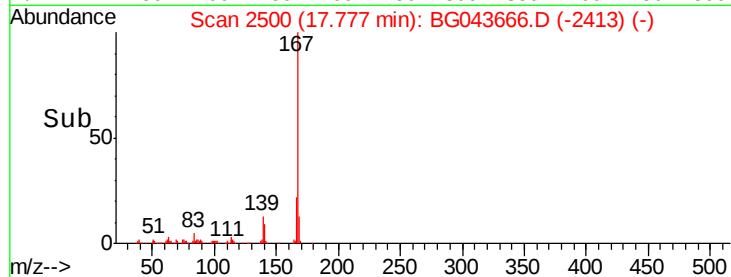
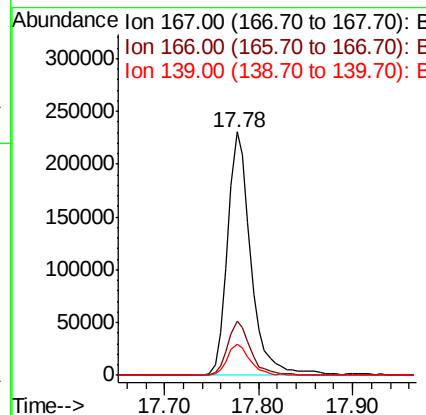
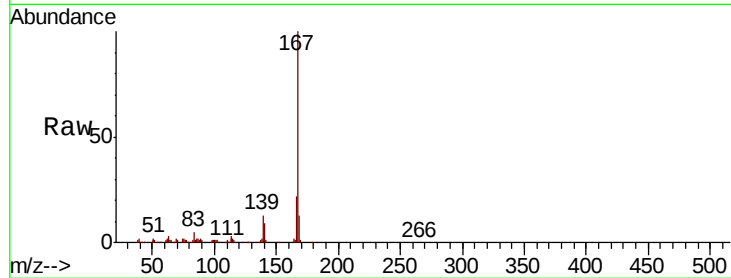
ClientSampleId :

8-(8-10)MSD

Tot Ion:	167	Resp:	398922
Ion Ratio	Lower	Upper	
167	100		
166	22.4	18.7	28.1
139	12.8	10.0	15.0

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#74

Di-n-butylphthalate

Concen: 47.234 ng

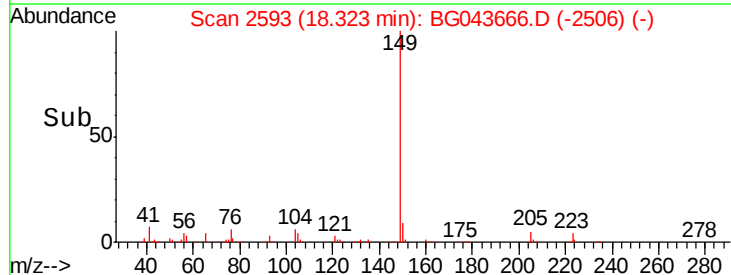
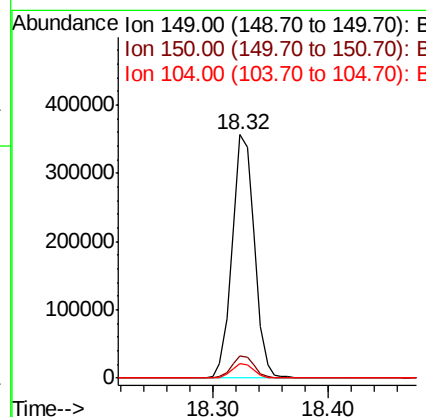
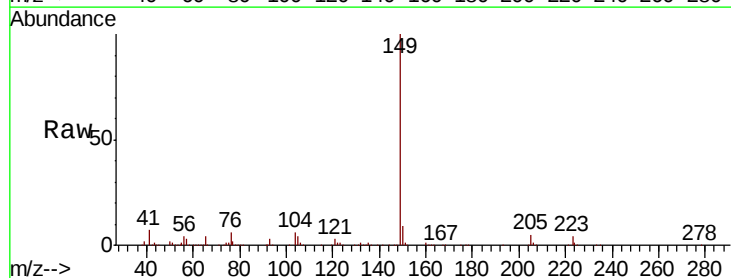
RT: 18.32 min Scan# 2593

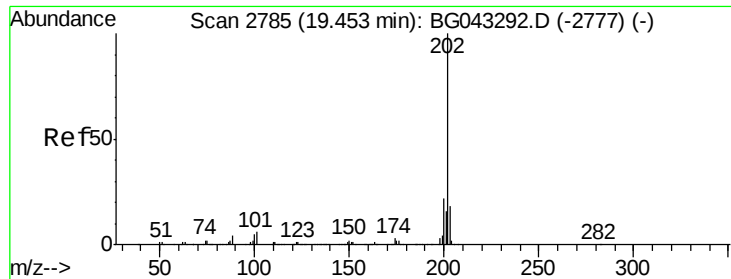
Delta R.T. -0.02 min

Lab File: BG043666.D

Acq: 16 Nov 2019 1:04

Tgt Ion:	149	Resp:	475851
Ion Ratio	Lower	Upper	
149	100		
150	9.4	8.0	12.0
104	6.2	4.4	6.6





#75

Fluoranthene

Concen: 48.217 ng

RT: 19.42 min Scan# 2780

Delta R.T. -0.02 min

Lab File: BG043666.D

Acq: 16 Nov 2019 1:04

Instrument :

BNA_G

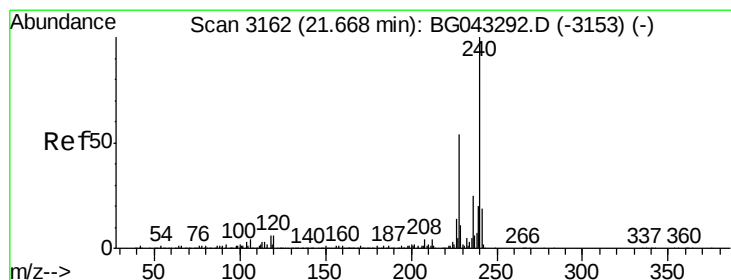
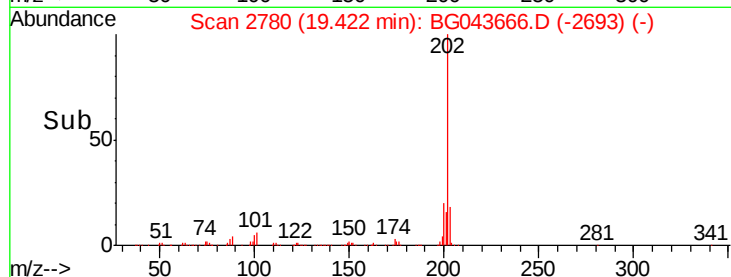
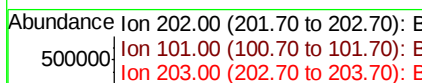
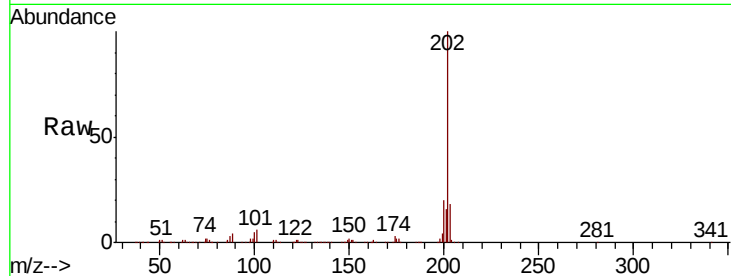
ClientSampleId :

8-(8-10)MSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	576035		
101	6.1	0.0	26.3	
203	18.5	0.0	37.9	

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#76

Chrysene-d12

Concen: 20.000 ng

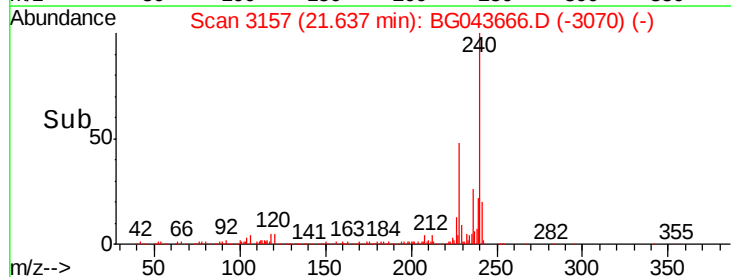
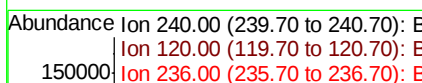
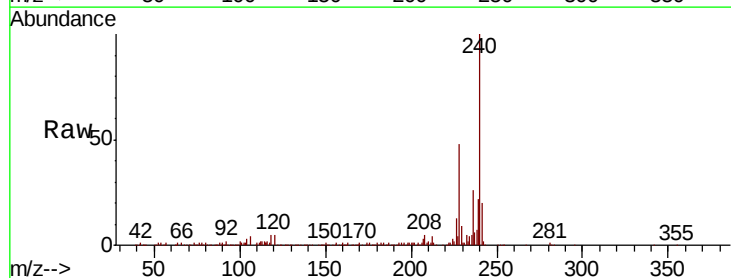
RT: 21.64 min Scan# 3157

Delta R.T. -0.02 min

Lab File: BG043666.D

Acq: 16 Nov 2019 1:04

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	198480		
120	4.6	4.6	6.8	
236	25.6	19.8	29.8	





#77

Benzidine

Concen: 55.790 ng

RT: 19.60 min Scan# 2811

Delta R.T. -0.02 min

Lab File: BG043666.D

Acq: 16 Nov 2019 1:04

Instrument :

BNA_G

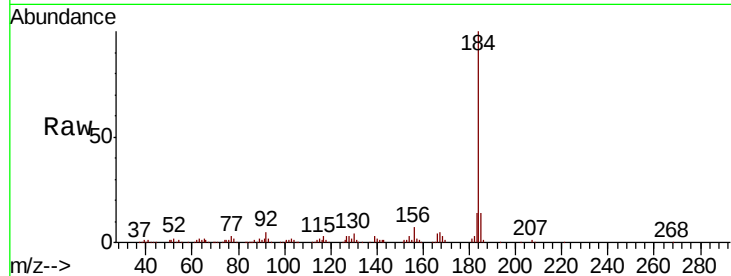
ClientSampleId :

8-(8-10)MSD

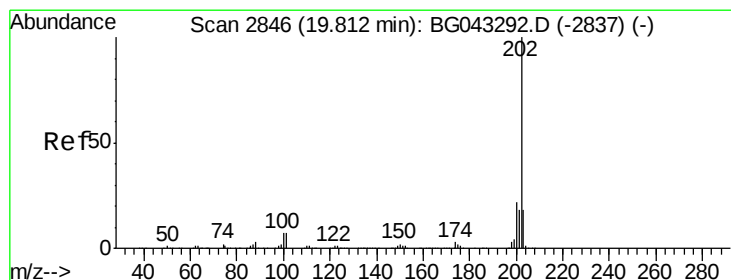
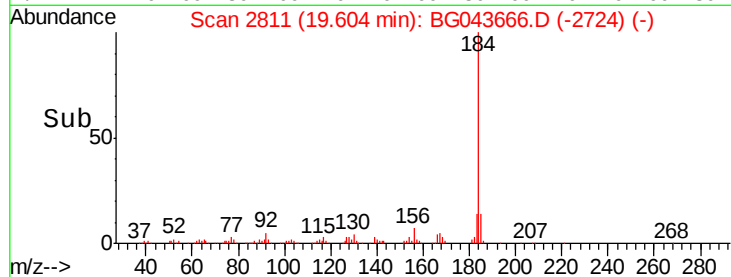
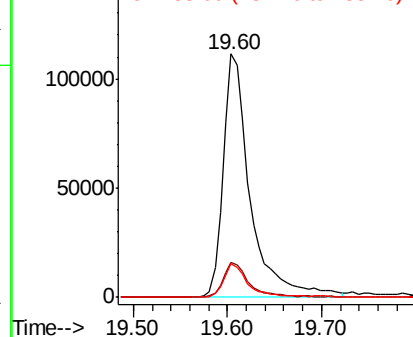
Tot Ion:	184	Resp:	222853
Ion Ratio	Lower	Upper	
184	100		
185	14.3	11.0	16.4
183	13.7	10.0	15.0

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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: 47.321 ng

RT: 19.79 min Scan# 2842

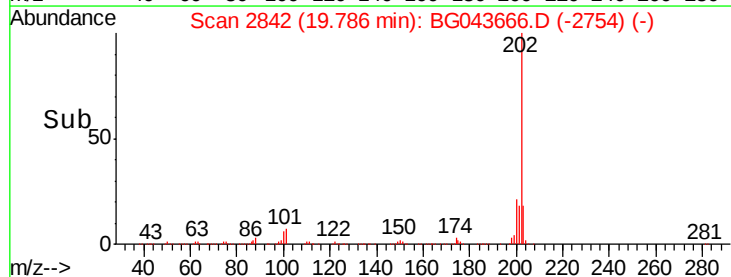
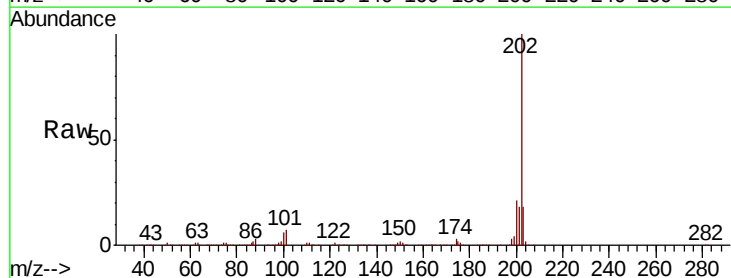
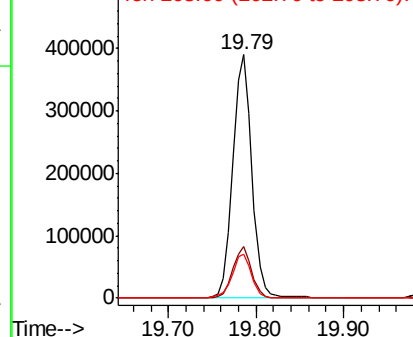
Delta R.T. -0.01 min

Lab File: BG043666.D

Acq: 16 Nov 2019 1:04

Tgt Ion:	202	Resp:	581371
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.0	25.4
203	18.1	14.7	22.1

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





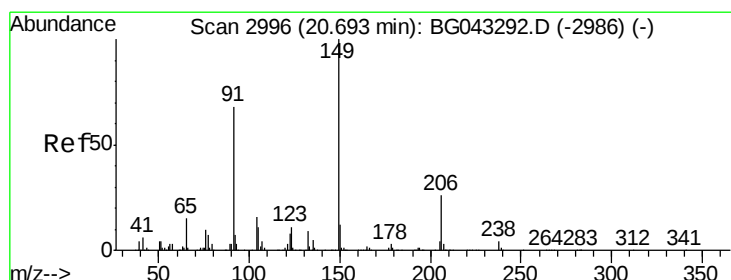
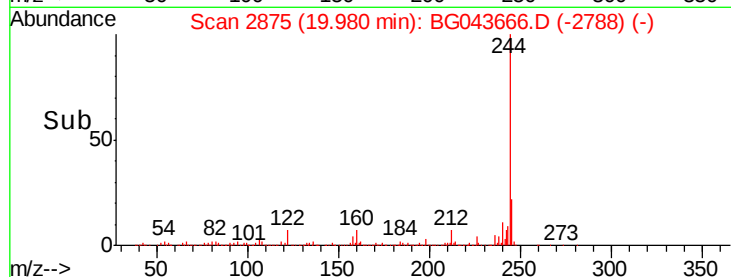
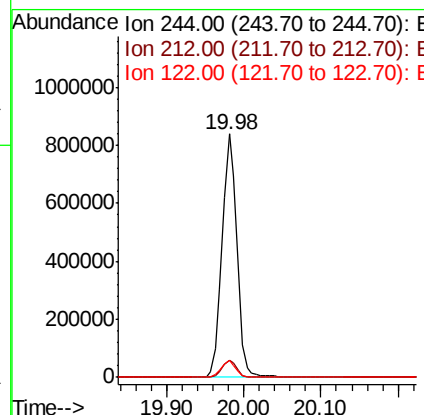
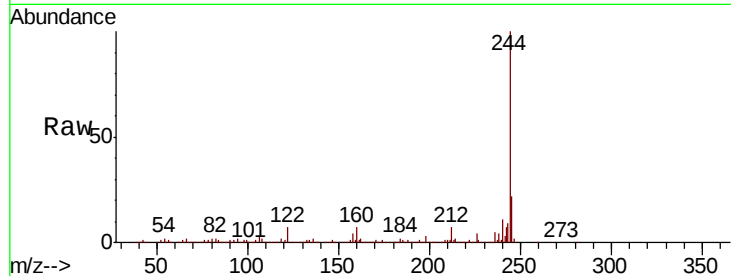
#79
 Terphenyl-d14
 Concen: 104.771 ng
 RT: 19.98 min Scan# 2875
 Delta R.T. -0.02 min
 Lab File: BG043666.D
 Acq: 16 Nov 2019 1:04

Instrument :
 BNA_G
 ClientSampleId :
 8-(8-10)MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	6.9	5.4	8.2

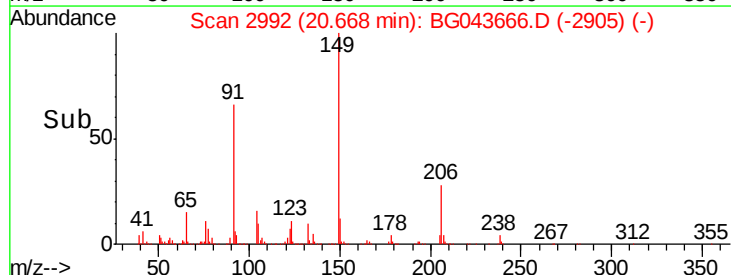
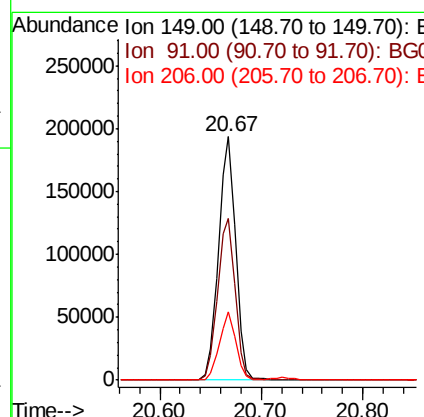
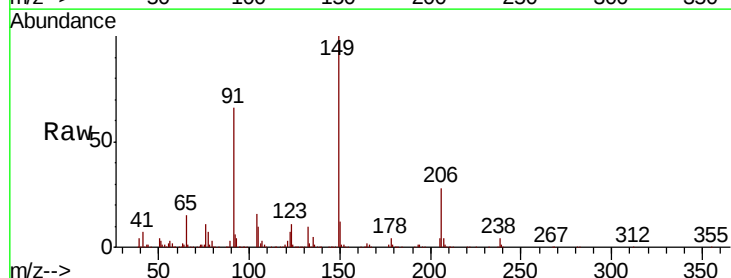
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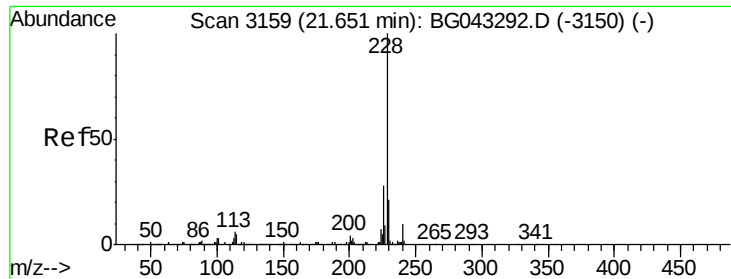
mohammad
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#80
 Butylbenzylphthalate
 Concen: 48.988 ng
 RT: 20.67 min Scan# 2992
 Delta R.T. -0.02 min
 Lab File: BG043666.D
 Acq: 16 Nov 2019 1:04

Tgt Ion	Ratio	Lower	Upper
149	100		
91	66.4	51.2	76.8
206	27.8	22.5	33.7





#81

Benzo(a)anthracene

Concen: 49.783 ng

RT: 21.61 min Scan# 3153

Delta R.T. -0.02 min

Lab File: BG043666.D

Acq: 16 Nov 2019 1:04

Instrument :

BNA_G

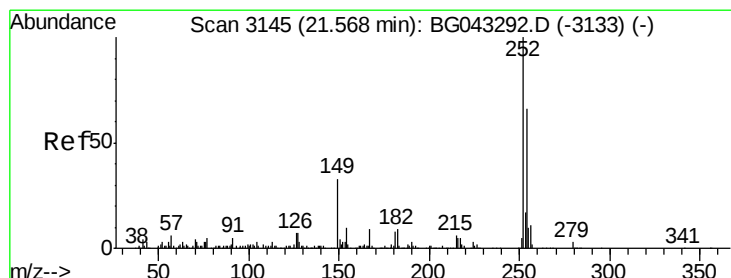
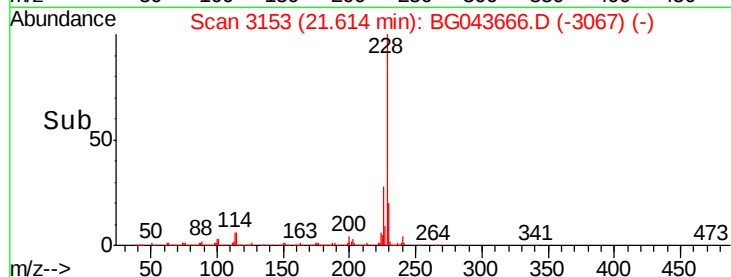
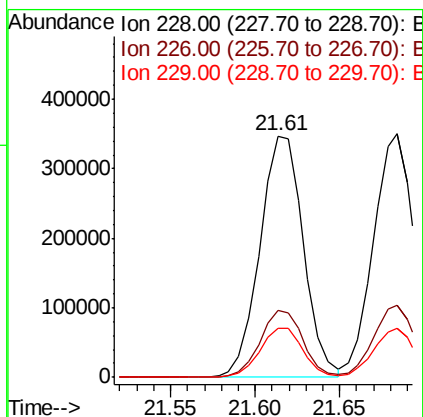
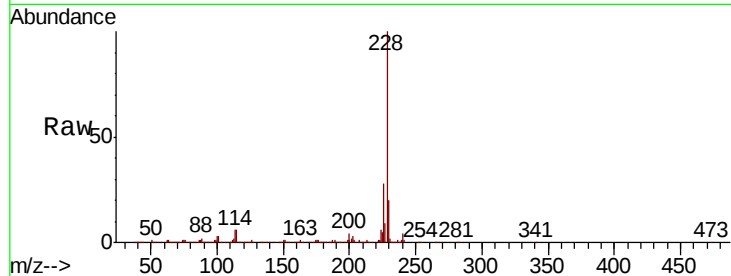
ClientSampleId :

8-(8-10)MSD

Tot Ion:	228	Resp:	618940
Ion Ratio	Lower	Upper	
228	100		
226	27.6	22.2	33.2
229	20.5	17.0	25.4

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#82

3,3'-Dichlorobenzidine

Concen: 21.330 ng

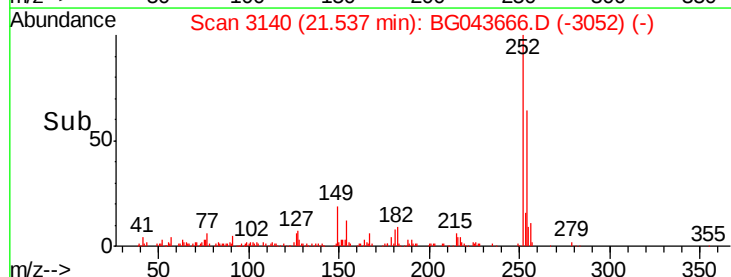
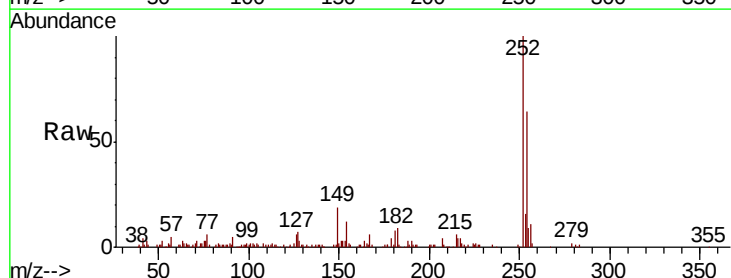
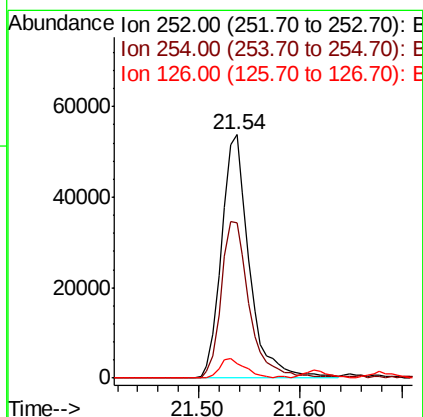
RT: 21.54 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG043666.D

Acq: 16 Nov 2019 1:04

Tgt Ion:	252	Resp:	102570
Ion Ratio	Lower	Upper	
252	100		
254	64.0	50.8	76.2
126	5.8	6.1	9.1#





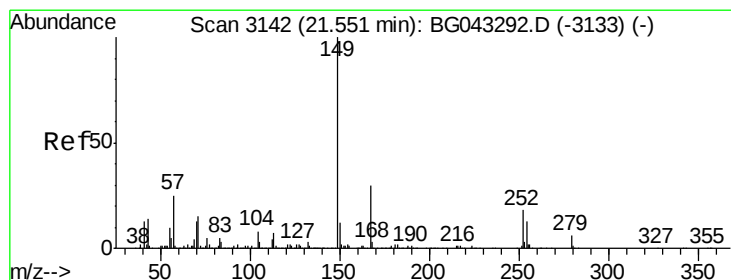
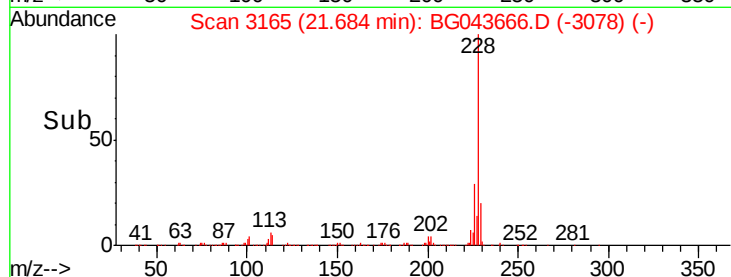
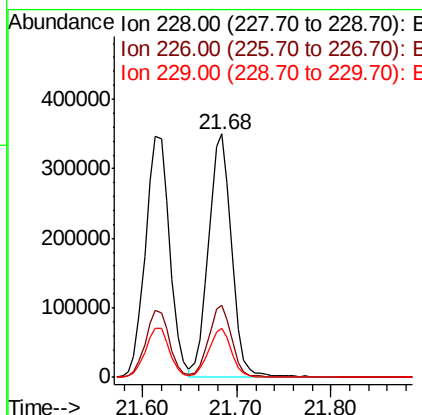
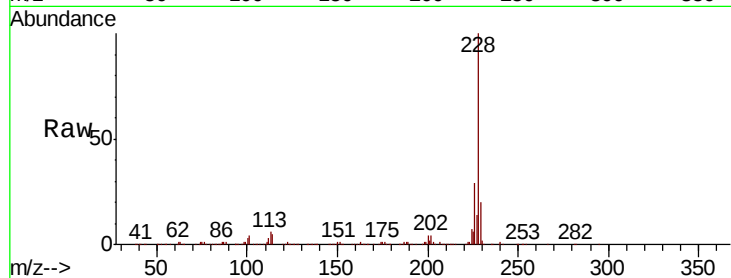
#83
 Chrvsene
 Concen: 48.616 ng
 RT: 21.68 min Scan# 3165
 Delta R.T. -0.02 min
 Lab File: BG043666.D
 Acq: 16 Nov 2019 1:04

Instrument :
 BNA_G
 ClientSampleId :
 8-(8-10)MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.4	25.1	37.7
229	20.1	17.0	25.4

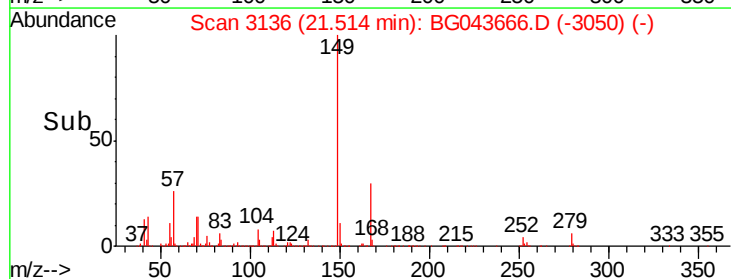
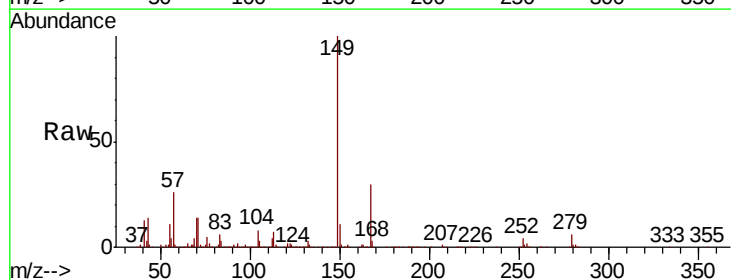
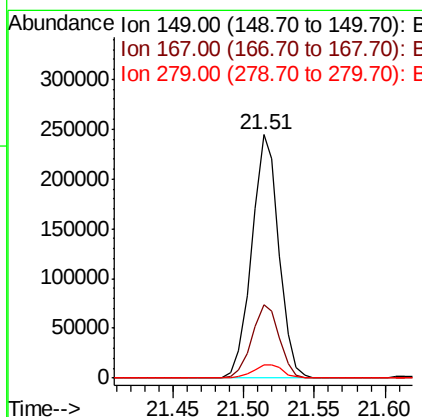
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 49.767 ng
 RT: 21.51 min Scan# 3136
 Delta R.T. -0.02 min
 Lab File: BG043666.D
 Acq: 16 Nov 2019 1:04

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.2	24.0	36.0
279	5.7	5.4	8.2





#85

Di-n-octyl phthalate

Concen: 50.960 ng

RT: 22.71 min Scan# 3339

Delta R.T. -0.03 min

Lab File: BG043666.D

Acq: 16 Nov 2019 1:04

Instrument :

BNA_G

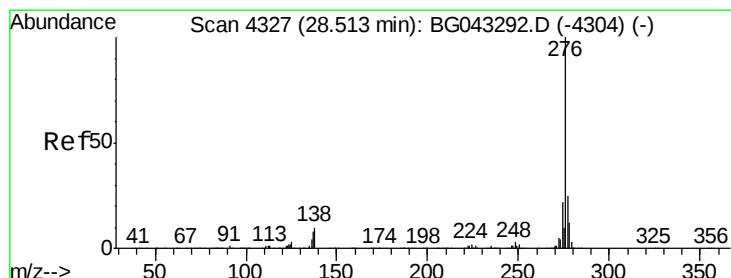
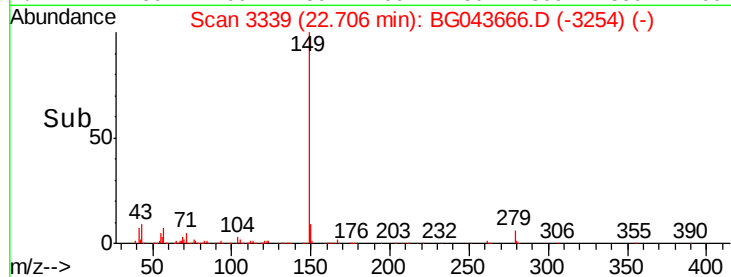
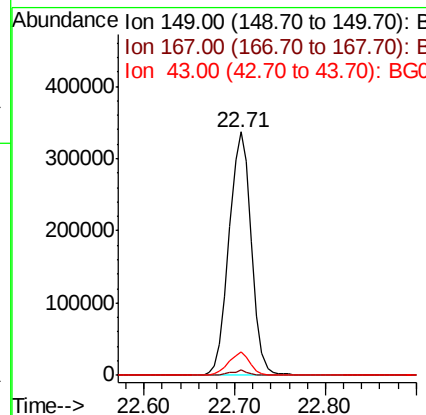
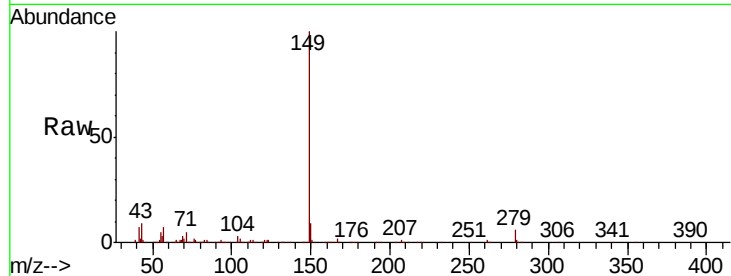
ClientSampleId :

8-(8-10)MSD

Tot Ion:	149	Resp:	571640
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.4	2.2
43	9.0	7.0	10.6

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#86

Indeno(1,2,3-cd)pyrene

Concen: 50.450 ng

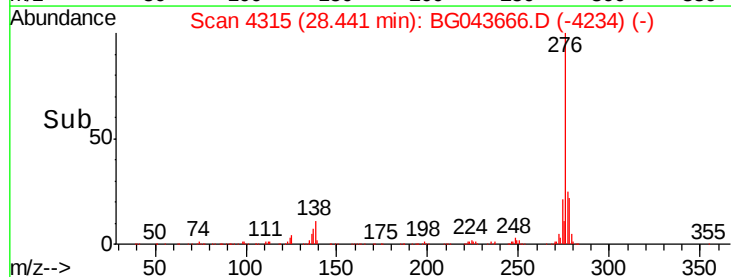
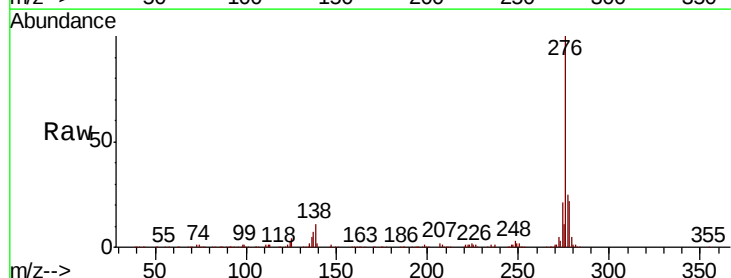
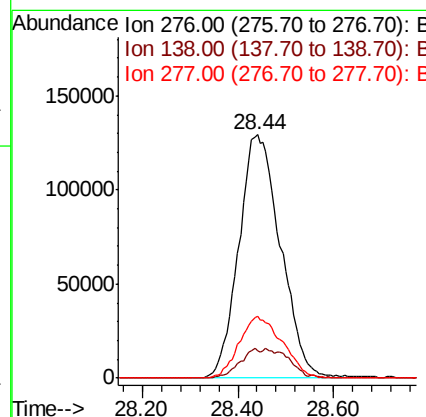
RT: 28.44 min Scan# 4315

Delta R.T. -0.05 min

Lab File: BG043666.D

Acq: 16 Nov 2019 1:04

Tgt Ion:	276	Resp:	782271
Ion Ratio	Lower	Upper	
276	100		
138	6.0	6.8	10.2#
277	26.1	20.9	31.3





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.82 min Scan# 3698

Delta R.T. -0.04 min

Lab File: BG043666.D

Acq: 16 Nov 2019 1:04

Instrument :

BNA_G

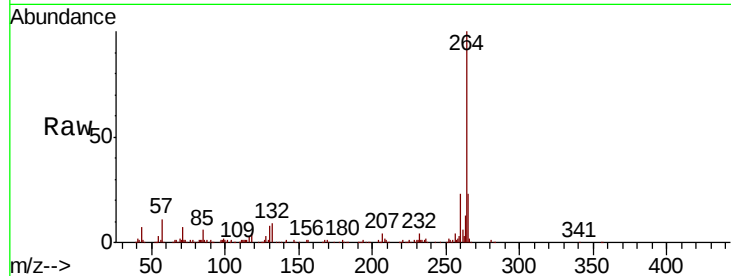
ClientSampleId :

8-(8-10)MSD

Tot Ion:	264	Resp:	235828
Ion Ratio	Lower	Upper	
264	100		
260	22.7	17.5	26.3
265	23.1	17.4	26.0

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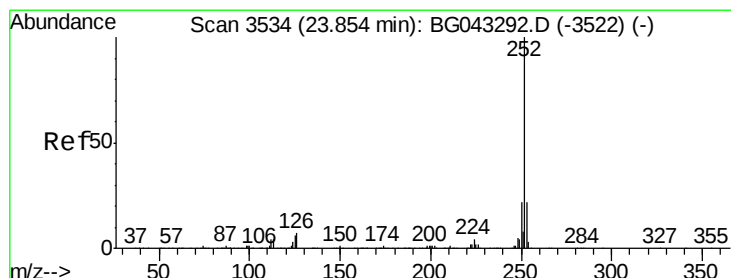
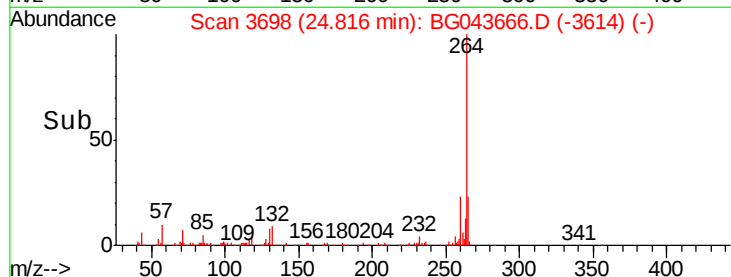
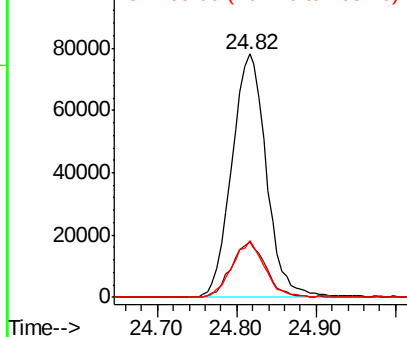


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 48.577 ng

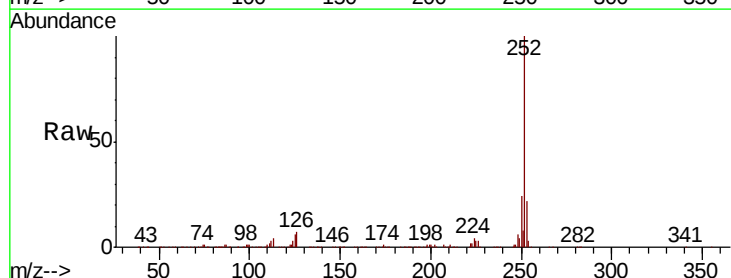
RT: 23.81 min Scan# 3527

Delta R.T. -0.03 min

Lab File: BG043666.D

Acq: 16 Nov 2019 1:04

Tgt Ion:	252	Resp:	648822
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.7	26.5
125	5.5	4.5	6.7

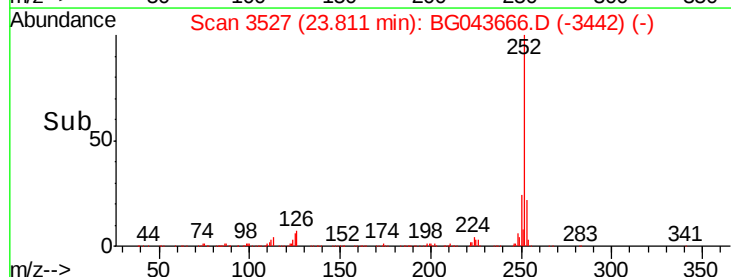
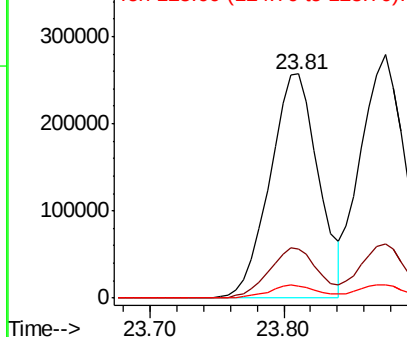


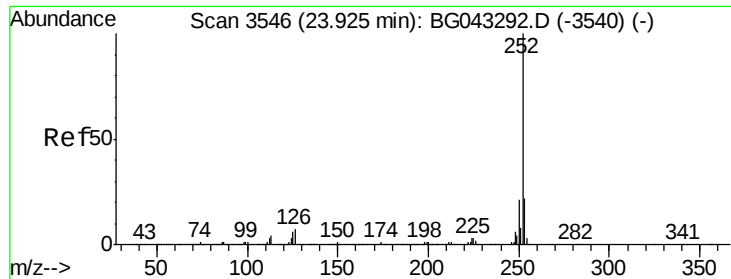
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





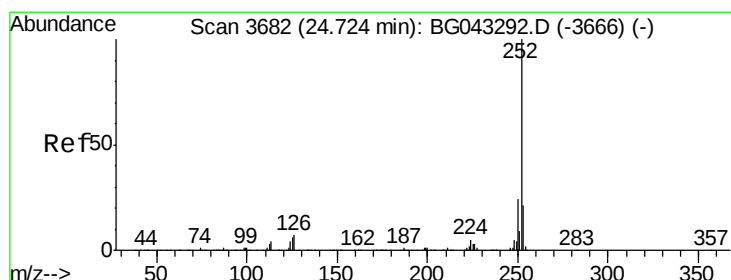
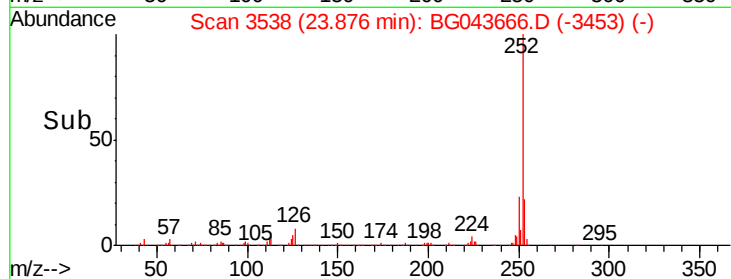
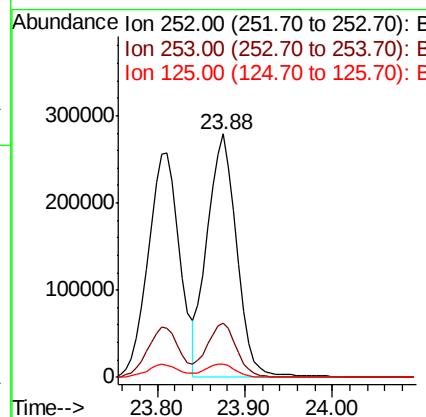
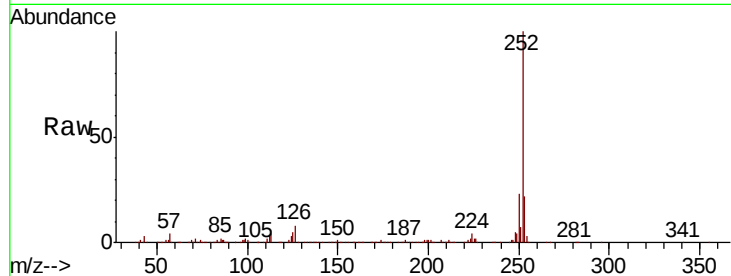
#89
Benzo(k)fluoranthene
Concen: 48.594 ng
RT: 23.88 min Scan# 3538
Delta R.T. -0.03 min
Lab File: BG043666.D
Acq: 16 Nov 2019 1:04

Instrument :
BNA_G
ClientSampleId :
8-(8-10)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.3	25.9
125	5.4	4.6	6.8

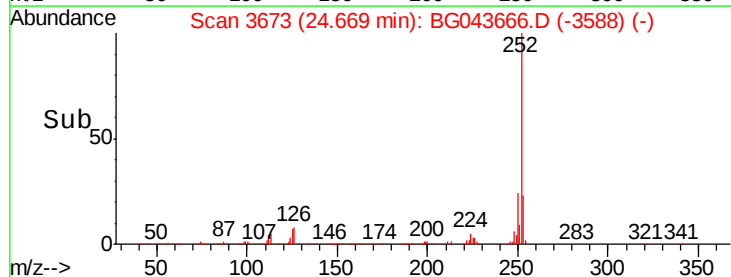
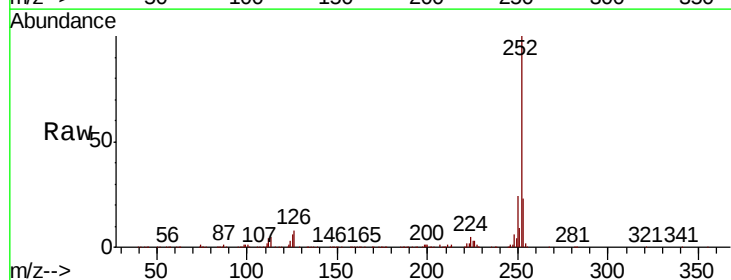
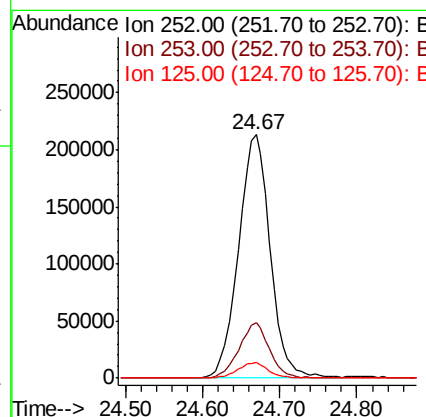
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#90
Benzo(a)pyrene
Concen: 48.036 ng
RT: 24.67 min Scan# 3673
Delta R.T. -0.03 min
Lab File: BG043666.D
Acq: 16 Nov 2019 1:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	6.5	5.4	8.2





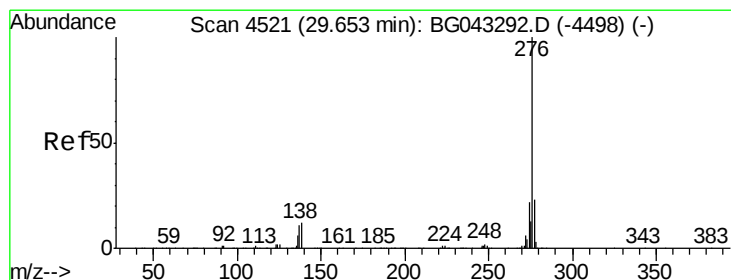
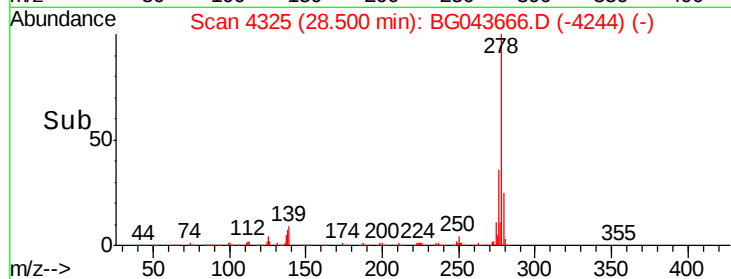
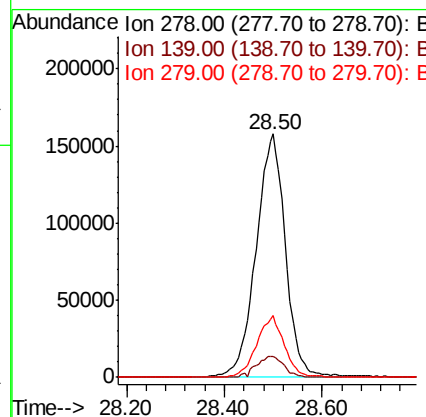
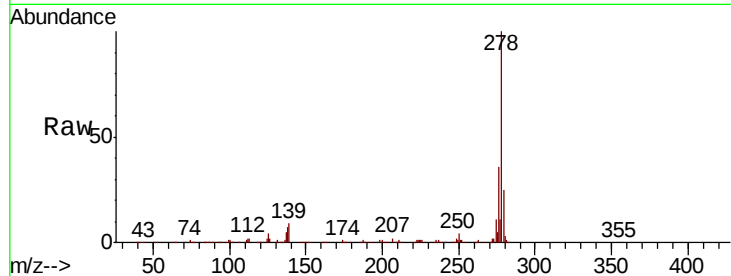
#91
Dibenzo(a,h)anthracene
Concen: 50.627 ng
RT: 28.50 min Scan# 4325
Delta R.T. -0.05 min
Lab File: BG043666.D
Acq: 16 Nov 2019 1:04

Instrument :
BNA_G
ClientSampleId :
8-(8-10)MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.8	7.4	11.0
279	25.5	19.1	28.7

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#92
Benzo(g,h,i)perylene
Concen: 51.118 ng
RT: 29.57 min Scan# 4507
Delta R.T. -0.06 min
Lab File: BG043666.D
Acq: 16 Nov 2019 1:04

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.9	28.3
138	12.0	8.9	13.3

