

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110419\
 Data File : BG043490.D
 Acq On : 4 Nov 2019 21:02
 Operator : JU
 Sample : K5658-03MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-30-SMSD

Manual Integrations
 APPROVED

mohammad
 11/5/2019 10:41:13 AM

Quant Time: Nov 05 02:19:39 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	8.01	152	28623	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	110298	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	87698	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	247851	20.00	ng	0.00
76) Chrysene-d12	21.66	240	290080	20.00	ng	0.00
87) Perylene-d12	24.85	264	347849	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	172207	110.25	ng	0.00
7) Phenol-d6	7.20	99	244304	108.71	ng	0.00
23) Nitrobenzene-d5	9.17	82	143017	66.85	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	189173	113.35	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	411402	64.82	ng	0.00
79) Terphenyl-d14	20.00	244	1088089	70.37	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.46	88	21050	34.582	ng	# 94
3) Pyridine	3.87	79	51711	33.677	ng	96
4) n-Nitrosodimethylamine	3.78	42	31411	40.540	ng	# 93
6) Aniline	7.34	93	44624	17.237	ng	98
8) 2-Chlorophenol	7.58	128	70900	41.119	ng	96
9) Benzaldehyde	7.15	77	35626	32.257	ng	96
10) Phenol	7.22	94	96171	46.830	ng	95
11) bis(2-Chloroethyl)ether	7.42	93	54302	34.201	ng	96
12) 1,3-Dichlorobenzene	7.90	146	77720	35.975	ng	98
13) 1,4-Dichlorobenzene	8.04	146	83225	38.076	ng	94
14) 1,2-Dichlorobenzene	8.36	146	77879	36.491	ng	96
15) Benzyl Alcohol	8.26	79	63091	39.973	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.54	45	73223	31.716	ng	98
17) 2-Methylphenol	8.47	107	60057	40.116	ng	98
18) Hexachloroethane	9.09	117	26962	34.190	ng	97
19) n-Nitroso-di-n-propylamine	8.81	70	51682	35.589	ng	95
20) 3+4-Methylphenols	8.80	107	80683	39.302	ng	98
22) Acetophenone	8.83	105	103921	36.791	ng	# 96
24) Nitrobenzene	9.22	77	76955	37.759	ng	# 96
25) Isophorone	9.73	82	149628	38.253	ng	97
26) 2-Nitrophenol	9.93	139	41415	42.091	ng	94
27) 2,4-Dimethylphenol	10.00	122	68622	48.659	ng	96
28) bis(2-Chloroethoxy)methane	10.22	93	78965	36.578	ng	97
29) 2,4-Dichlorophenol	10.48	162	76843	42.527	ng	91
30) 1,2,4-Trichlorobenzene	10.68	180	83123	36.499	ng	96
31) Naphthalene	10.87	128	219169	39.147	ng	99
32) Benzoic acid	10.15	122	37202	37.084	ng	93
33) 4-Chloroaniline	10.99	127	26758	11.659	ng	98
34) Hexachlorobutadiene	11.15	225	57067	33.898	ng	99
35) Caprolactam	11.74	113	29672m	47.680	ng	
36) 4-Chloro-3-methylphenol	12.11	107	90126	45.727	ng	97
37) 2-Methylnaphthalene	12.47	142	174793	40.690	ng	95
38) 1-Methylnaphthalene	12.69	142	167444	40.967	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	111566	34.375	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	95765	56.170	nq	97
43) 2,4,6-Trichlorophenol	13.08	196	77828	40.719	nq	93
44) 2,4,5-Trichlorophenol	13.16	196	86368	44.696	nq	99
46) 1,1'-Biphenyl	13.47	154	240372	36.029	nq	99
47) 2-Chloronaphthalene	13.52	162	184144	36.276	nq	99
48) 2-Nitroaniline	13.72	65	59954	39.517	nq	99
49) Acenaphthylene	14.36	152	319700	40.466	nq	98
50) Dimethylphthalate	14.09	163	346319	50.983	nq	99
51) 2,6-Dinitrotoluene	14.21	165	60779	41.186	nq	96
52) Acenaphthene	14.70	154	188688	39.164	nq	97
53) 3-Nitroaniline	14.55	138	26154	18.356	nq	96
54) 2,4-Dinitrophenol	14.76	184	71034	77.349	nq	96
55) Dibenzofuran	15.04	168	319589	40.905	nq	99
56) 4-Nitrophenol	14.89	139	101672	106.486	nq	94
57) 2,4-Dinitrotoluene	15.00	165	93869	44.509	nq	# 96
58) Fluorene	15.69	166	272496	41.584	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.27	232	91397	44.518	nq	97
60) Diethylphthalate	15.46	149	284544	41.689	nq	99
61) 4-Chlorophenyl-phenylether	15.68	204	152631	39.926	nq	98
62) 4-Nitroaniline	15.72	138	62967	42.793	nq	96
63) Azobenzene	15.97	77	233086	42.196	nq	98
65) 4,6-Dinitro-2-methylphenol	15.77	198	58542	40.136	nq	98
66) n-Nitrosodiphenylamine	15.90	169	255151	36.463	nq	98
67) 4-Bromophenyl-phenylether	16.57	248	115139	34.519	nq	96
68) Hexachlorobenzene	16.70	284	131779	34.418	nq	100
69) Atrazine	16.84	200	119757	49.253	nq	95
70) Pentachlorophenol	17.05	266	142992	81.962	nq	98
71) Phenanthrene	17.43	178	482010	37.978	nq	99
72) Anthracene	17.52	178	503220	39.629	nq	98
73) Carbazole	17.79	167	474075	41.226	nq	98
74) Di-n-butylphthalate	18.34	149	552123	39.571	nq	99
75) Fluoranthene	19.44	202	678937	41.033	nq	99
77) Benzidine	19.62	184	273707	46.884	nq	99
78) Pyrene	19.80	202	683876	38.087	nq	100
80) Butylbenzylphthalate	20.68	149	260004	38.221	nq	95
81) Benzo(a)anthracene	21.64	228	726008	39.956	nq	99
82) 3,3'-Dichlorobenzidine	21.56	252	139454	19.843	nq	97
83) Chrysene	21.70	228	708143	39.224	nq	98
84) Bis(2-ethylhexyl)phthalate	21.54	149	382721	39.606	nq	98
85) Di-n-octyl phthalate	22.74	149	676300	41.252	nq	99
86) Indeno(1,2,3-cd)pyrene	28.49	276	959202	42.327	nq	100
88) Benzo(b)fluoranthene	23.84	252	771162	39.143	nq	100
89) Benzo(k)fluoranthene	23.91	252	783147	39.487	nq	98
90) Benzo(a)pyrene	24.70	252	726624	38.623	nq	100
91) Dibenzo(a,h)anthracene	28.55	278	809804	42.083	nq	98
92) Benzo(g,h,i)perylene	29.63	276	798778	42.082	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.01 min Scan# 838

Delta R.T. 0.00 min

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BNA_G

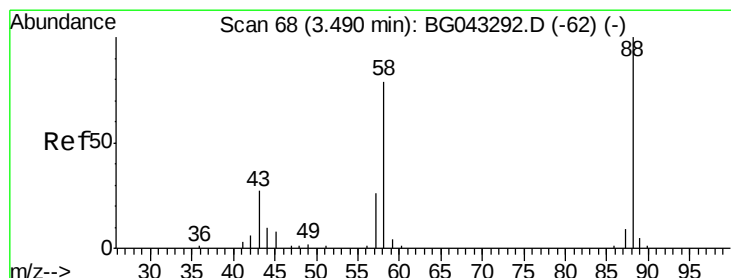
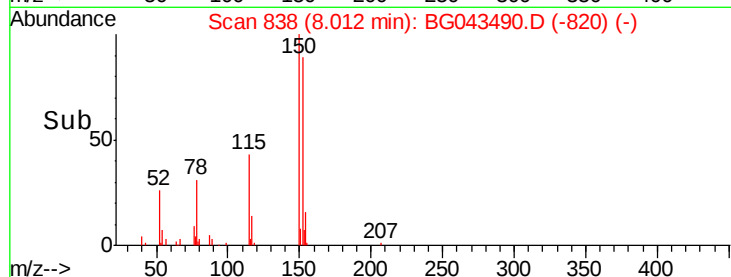
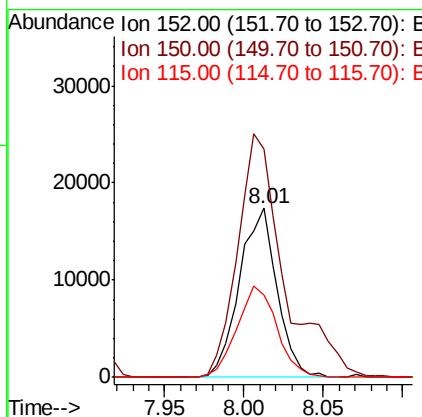
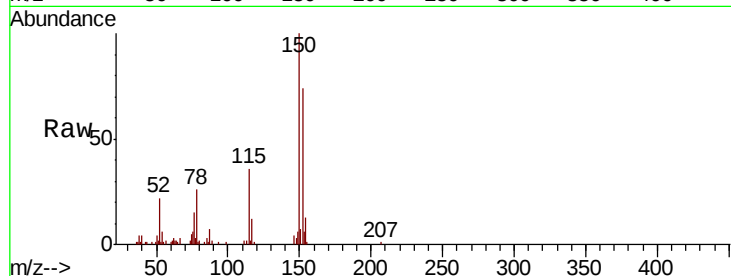
ClientSampleId :

TP-30-SMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	134.8	129.4	194.0
115	48.4	48.8	73.2#

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#2

1,4-Dioxane

Concen: 34.582 ng

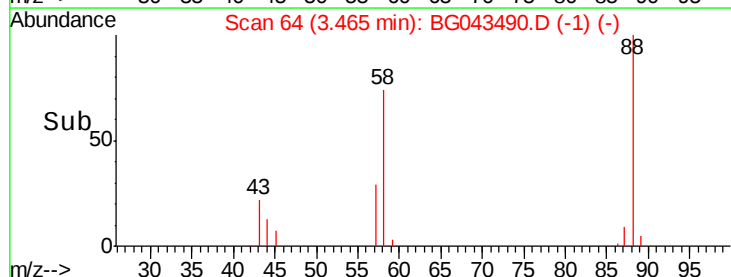
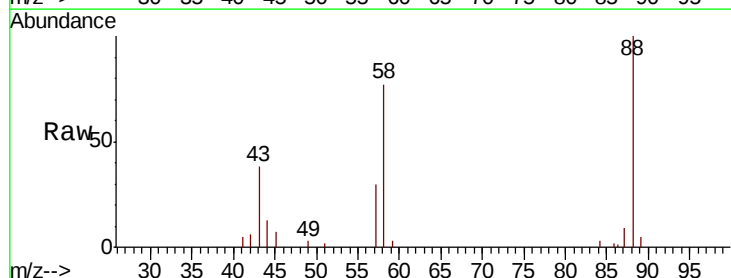
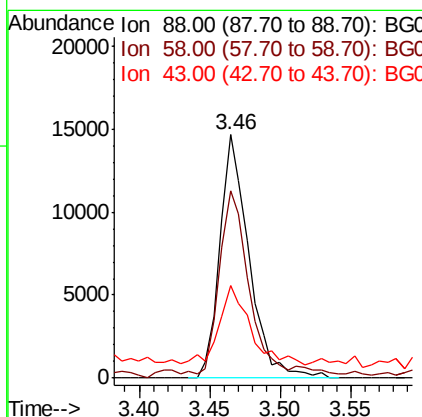
RT: 3.46 min Scan# 64

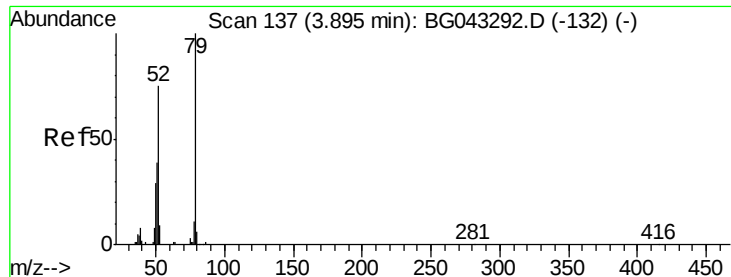
Delta R.T. -0.01 min

Lab File: BG043490.D

Acq: 4 Nov 2019 21:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.8	62.7	94.1
43	35.8	23.7	35.5#





#3

Pvridine

Concen: 33.677 ng

RT: 3.87 min Scan# 133

Delta R.T. -0.01 min

Lab File: BG043490.D

Acq: 4 Nov 2019 21:02

Instrument :

BNA_G

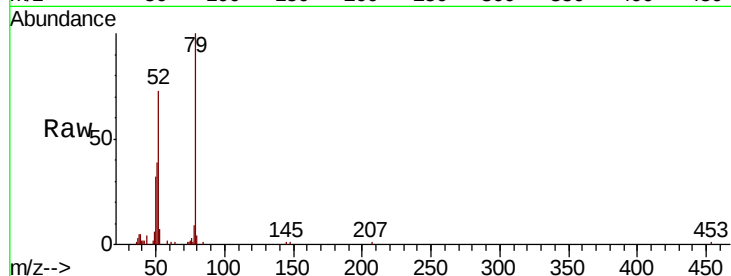
ClientSampleId :

TP-30-SMSD

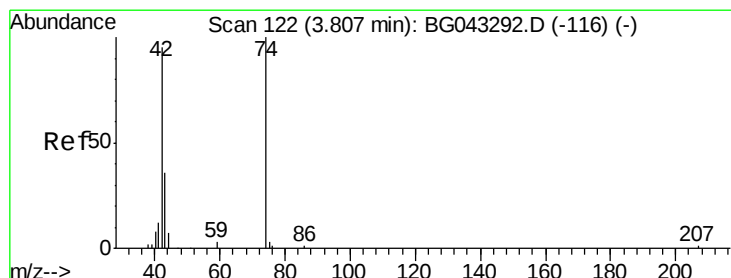
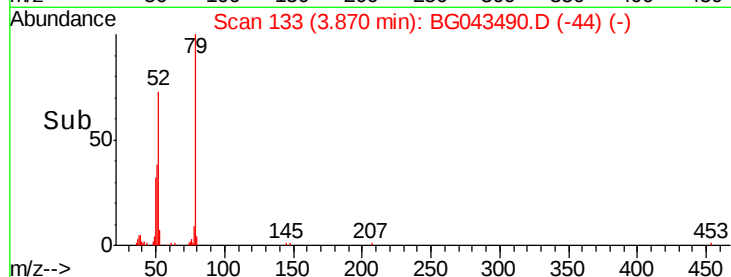
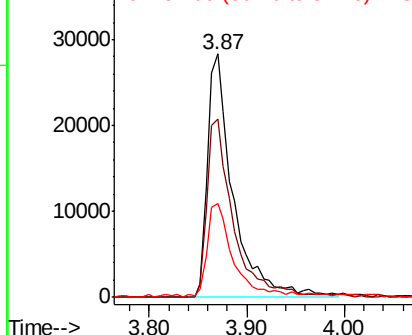
Tot Ion:	79	Resp:	51711
Ion Ratio	Lower	Upper	
79	100		
52	73.4	56.5	84.7
51	38.5	33.2	49.8

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Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 40.540 ng

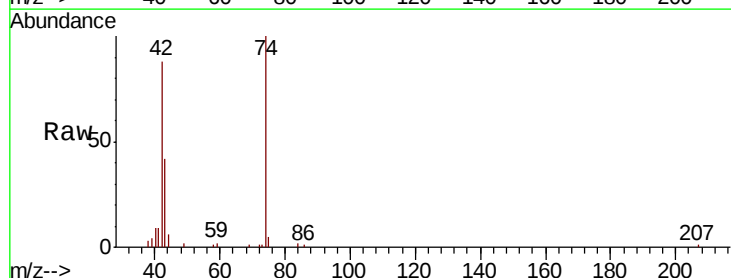
RT: 3.78 min Scan# 118

Delta R.T. -0.01 min

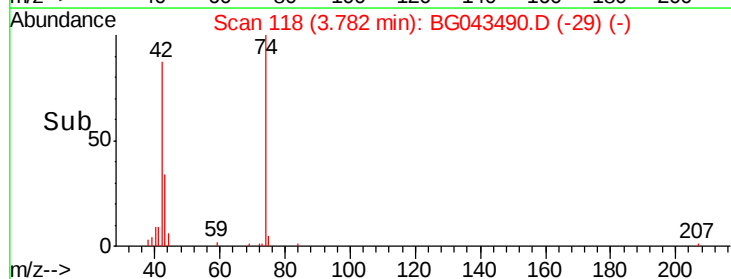
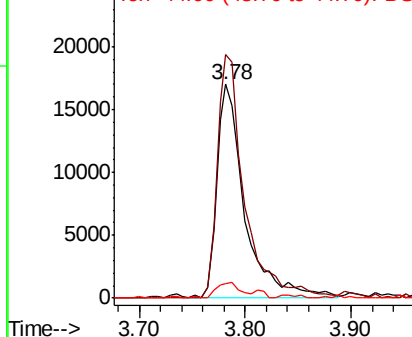
Lab File: BG043490.D

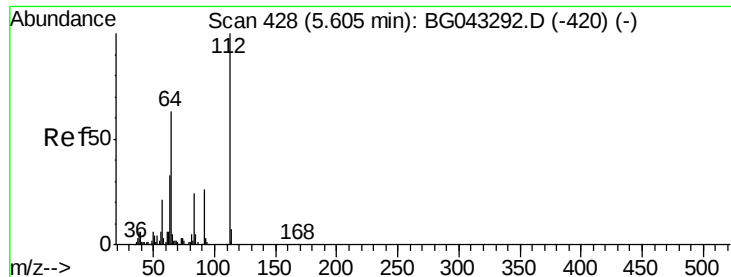
Acq: 4 Nov 2019 21:02

Tgt Ion:	42	Resp:	31411
Ion Ratio	Lower	Upper	
42	100		
74	113.9	97.3	145.9
44	6.6	4.4	6.6#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 110.247 ng

RT: 5.60 min Scan# 427

Delta R.T. 0.00 min

Lab File: BG043490.D

Acq: 4 Nov 2019 21:02

Instrument :

BNA_G

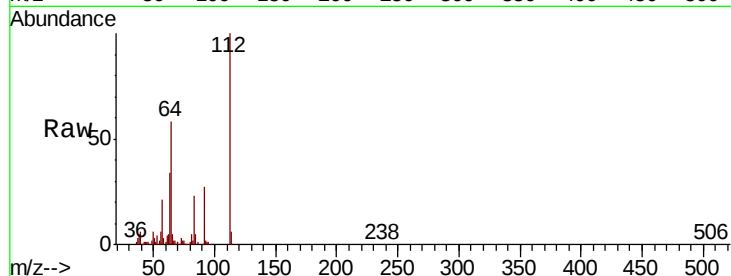
ClientSampled :

TP-30-SMSD

Tot Ion	Ratio	Resp	Lower	Upper
112	100	172207		
64	57.9	50.0	75.0	
63	34.5	26.6	40.0	

Manual Integrations
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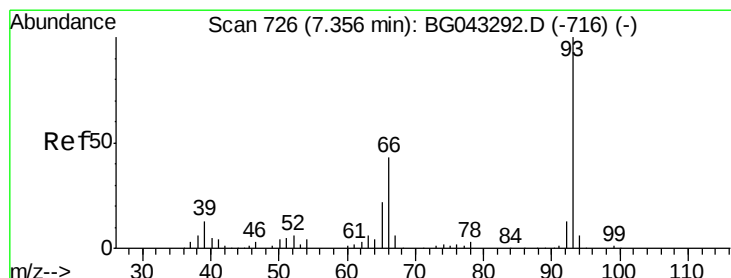
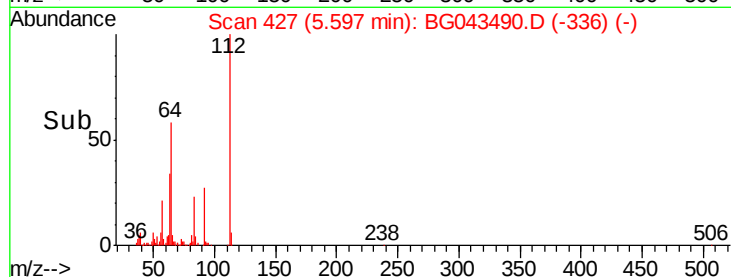
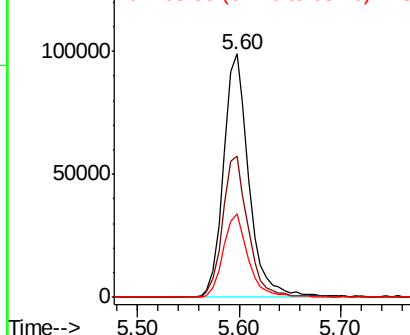
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Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 17.237 ng

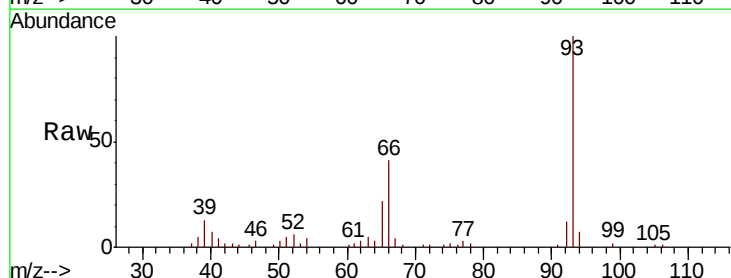
RT: 7.34 min Scan# 723

Delta R.T. -0.00 min

Lab File: BG043490.D

Acq: 4 Nov 2019 21:02

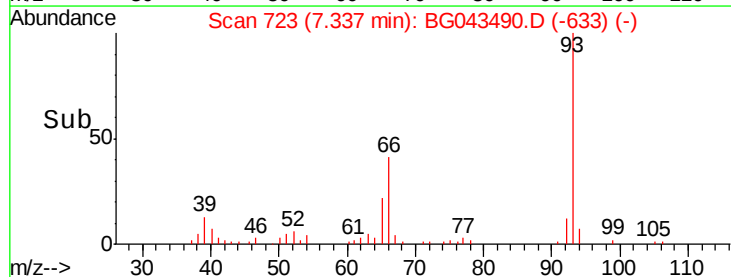
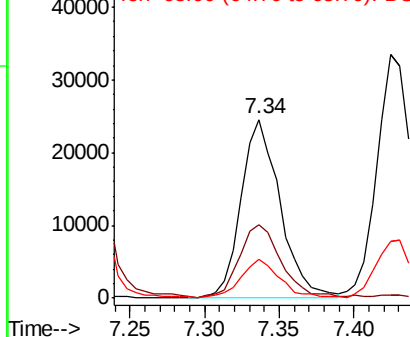
Tgt Ion	Ratio	Resp	Lower	Upper
93	100	44624		
66	41.3	32.3	48.5	
65	21.9	16.1	24.1	

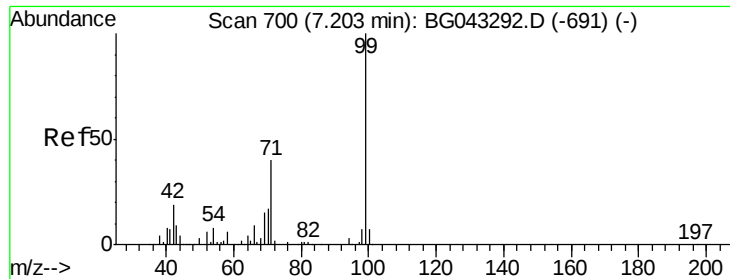


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 108.707 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG043490.D

Acq: 4 Nov 2019 21:02

Instrument :

BNA_G

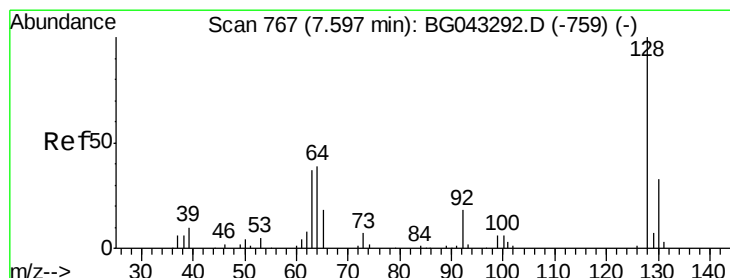
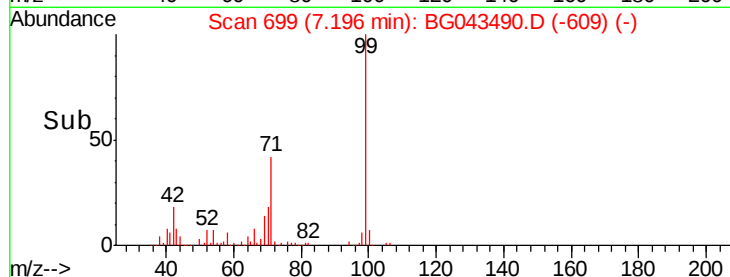
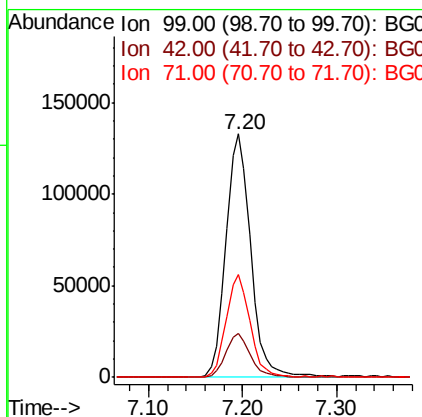
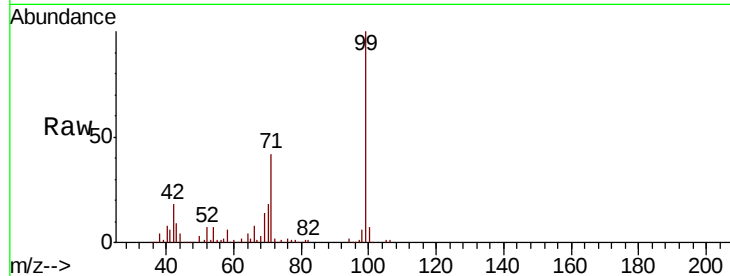
ClientSampleId :

TP-30-SMSD

Tot Ion:	99	Resp:	244304
Ion Ratio	Lower	Upper	
99	100		
42	17.9	14.6	21.8
71	42.4	32.5	48.7

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#8

2-Chlorophenol

Concen: 41.119 ng

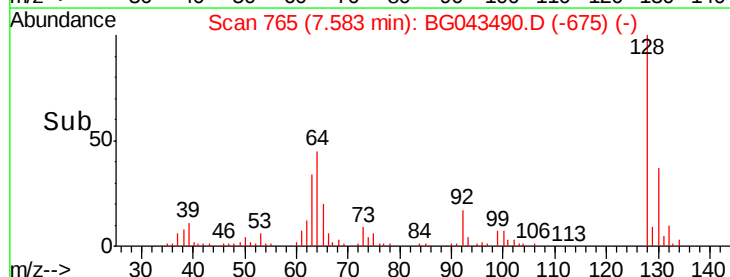
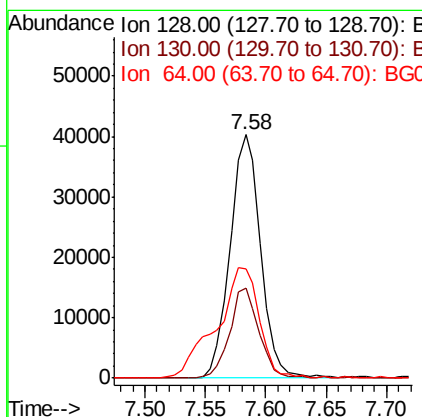
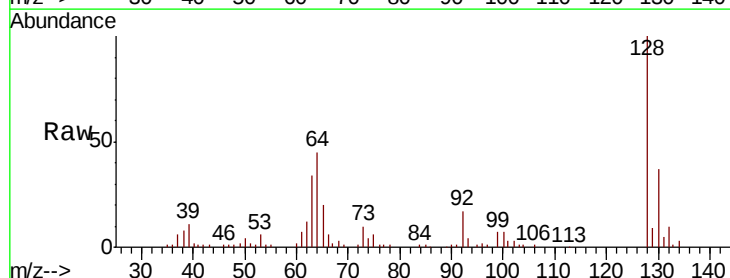
RT: 7.58 min Scan# 765

Delta R.T. -0.00 min

Lab File: BG043490.D

Acq: 4 Nov 2019 21:02

Tgt Ion:	128	Resp:	70900
Ion Ratio	Lower	Upper	
128	100		
130	37.2	12.5	52.5
64	44.8	25.3	65.3





#9

Benzaldehyde

Concen: 32.257 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG043490.D

Acq: 4 Nov 2019 21:02

Instrument :

BNA_G

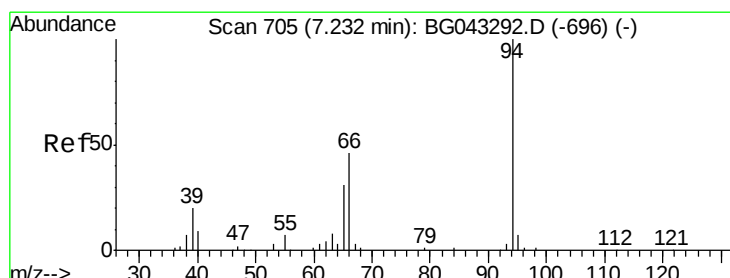
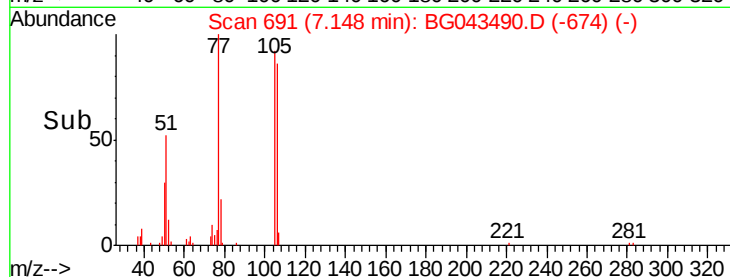
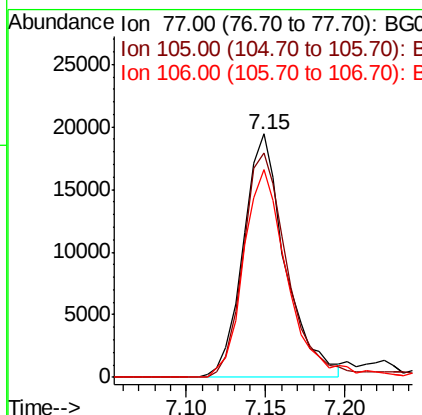
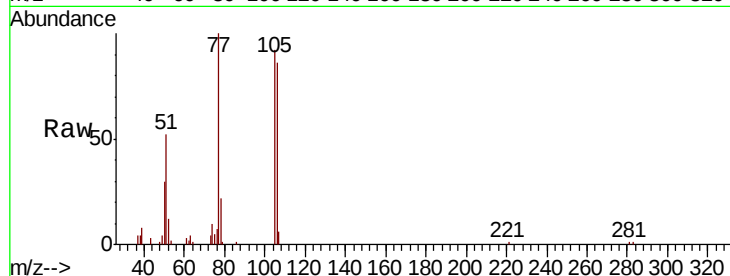
ClientSampled :

TP-30-SMSD

Tot Ion:	77	Resp:	35626
Ion	Ratio	Lower	Upper
77	100		
105	92.0	68.6	108.6
106	85.5	69.9	109.9

Manual Integrations
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#10

Phenol

Concen: 46.830 ng

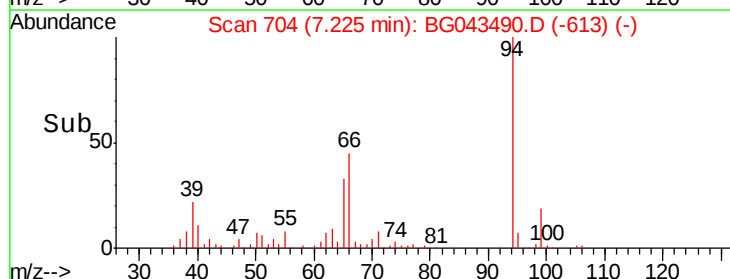
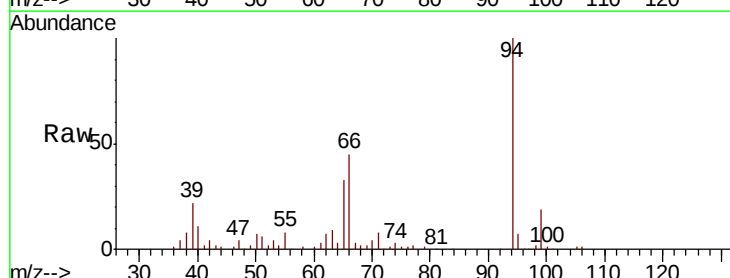
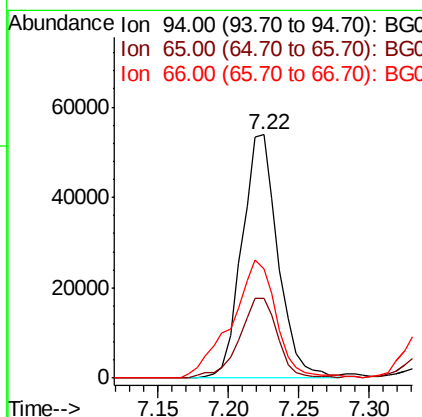
RT: 7.22 min Scan# 704

Delta R.T. 0.00 min

Lab File: BG043490.D

Acq: 4 Nov 2019 21:02

Tgt Ion:	94	Resp:	96171
Ion	Ratio	Lower	Upper
94	100		
65	32.9	12.6	52.6
66	44.9	30.7	70.7





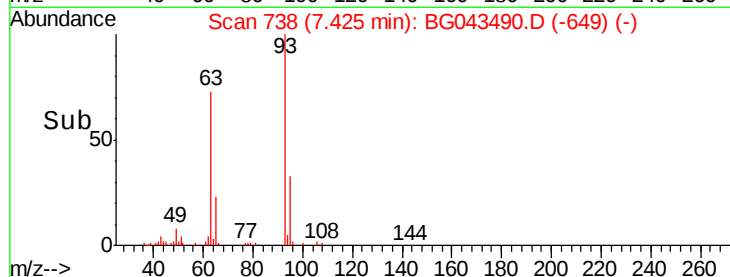
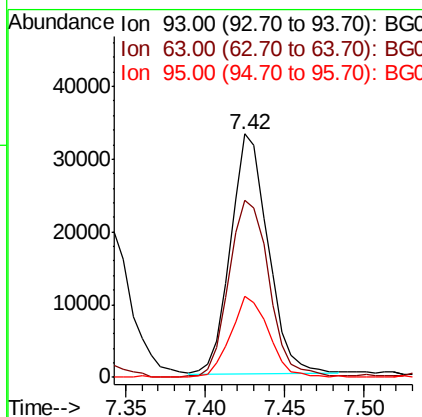
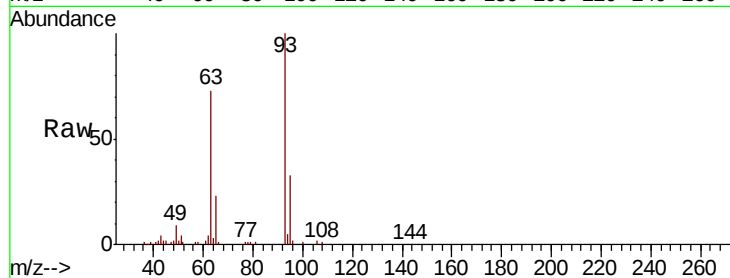
#11
bis(2-Chloroethyl)ether
Concen: 34.201 ng
RT: 7.42 min Scan# 738
Delta R.T. -0.01 min
Lab File: BG043490.D
Acq: 4 Nov 2019 21:02

Instrument :
BNA_G
ClientSampleId :
TP-30-SMSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	72.6	56.3	96.3
95	33.1	12.2	52.2

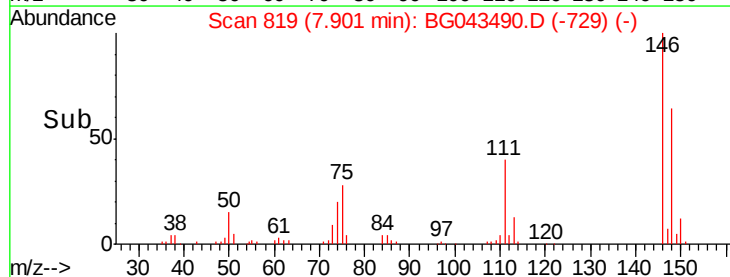
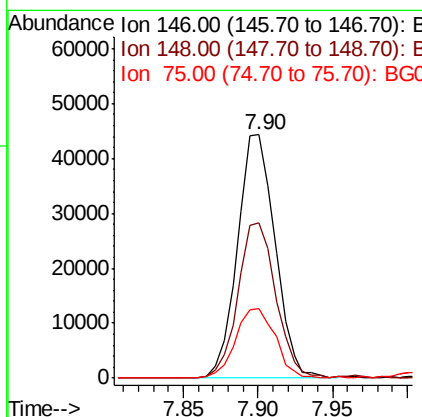
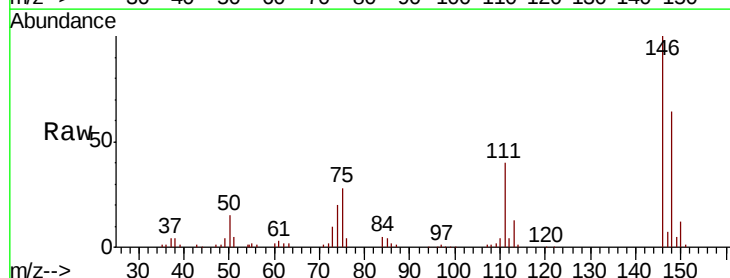
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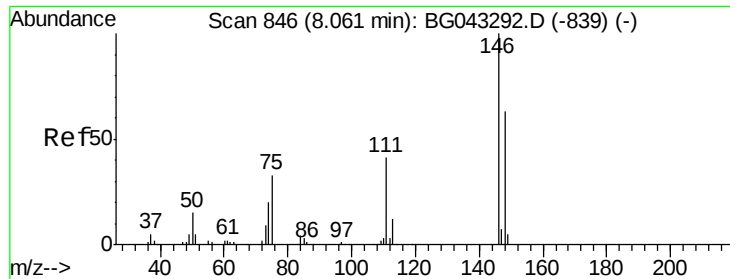
mohammad
11/5/2019 10:41:13 AM



#12
1,3-Dichlorobenzene
Concen: 35.975 ng
RT: 7.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BG043490.D
Acq: 4 Nov 2019 21:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.3	75.5
75	28.4	24.6	37.0





#13

1,4-Dichlorobenzene

Concen: 38.076 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.00 min

Lab File: BG043490.D

Acq: 4 Nov 2019 21:02

Instrument :

BNA_G

ClientSampleId :

TP-30-SMSD

Tot Ion:146 Resp: 83225

Ion Ratio Lower Upper

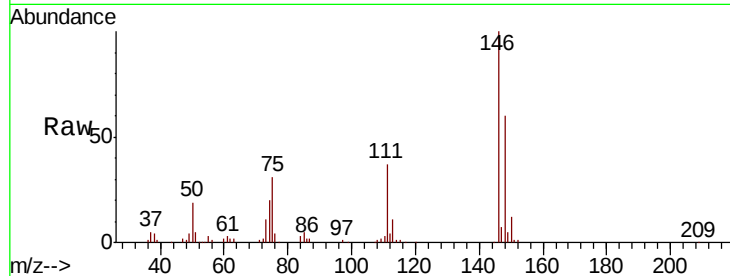
146 100

148 59.6 50.7 76.1

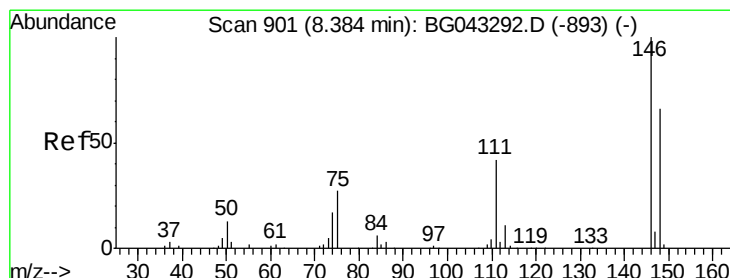
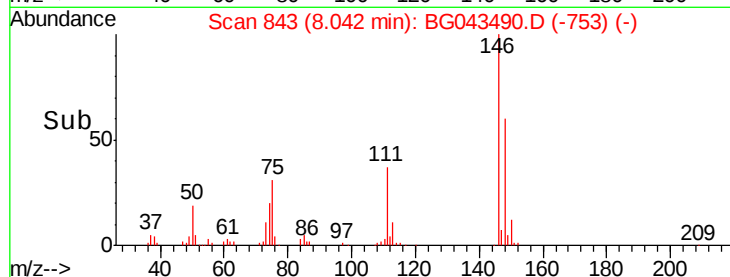
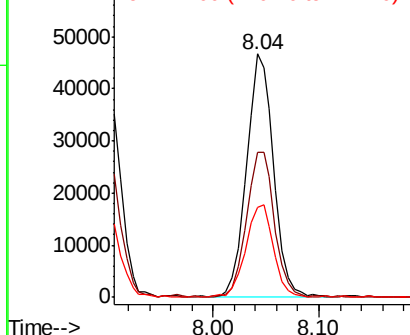
111 37.1 33.4 50.2

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 36.491 ng

RT: 8.36 min Scan# 898

Delta R.T. -0.00 min

Lab File: BG043490.D

Acq: 4 Nov 2019 21:02

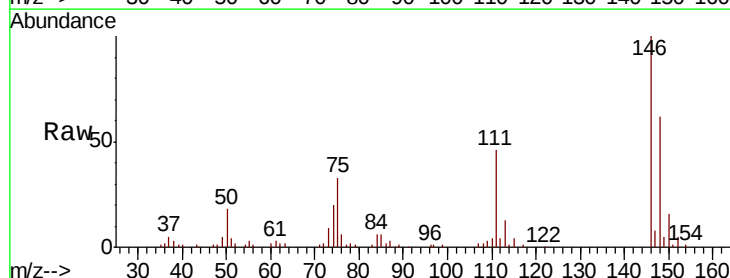
Tgt Ion:146 Resp: 77879

Ion Ratio Lower Upper

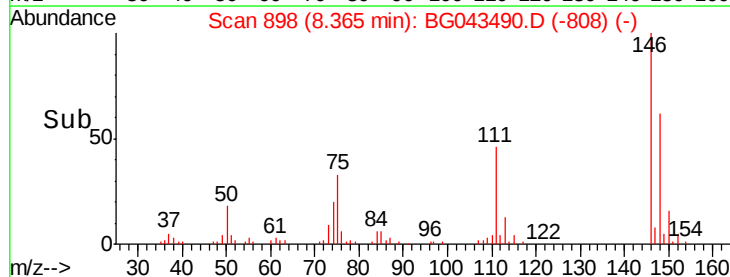
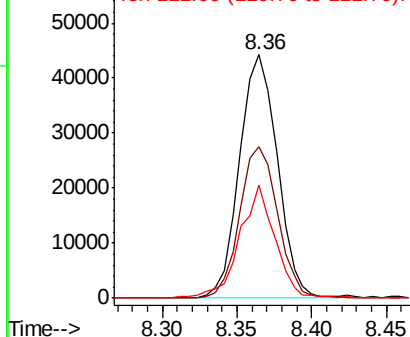
146 100

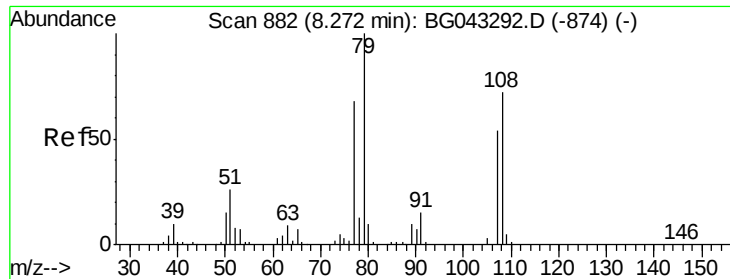
148 62.5 53.2 79.8

111 46.4 35.8 53.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





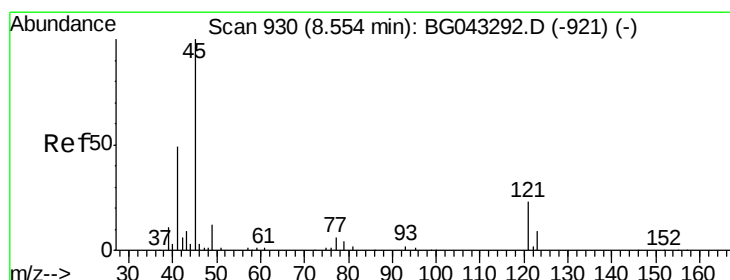
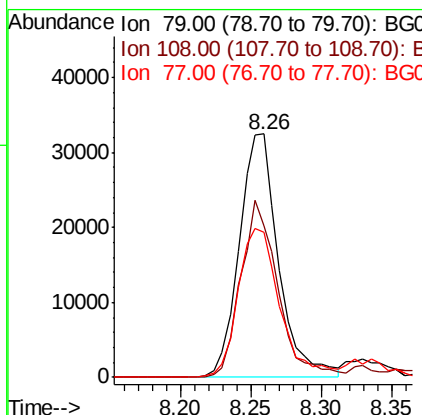
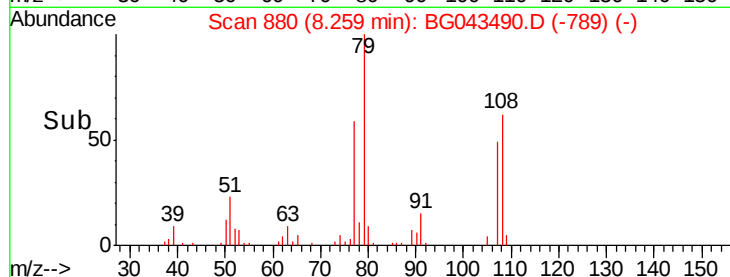
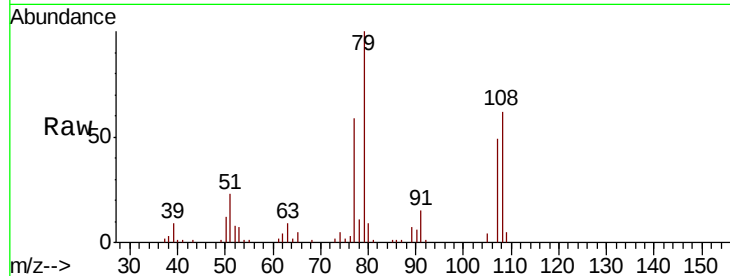
#15
Benzyl Alcohol
Concen: 39.973 ng
RT: 8.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BG043490.D
Acq: 4 Nov 2019 21:02

Instrument :
BNA_G
ClientSampleId :
TP-30-SMSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	62.1	53.6	80.4
77	59.5	49.6	74.4

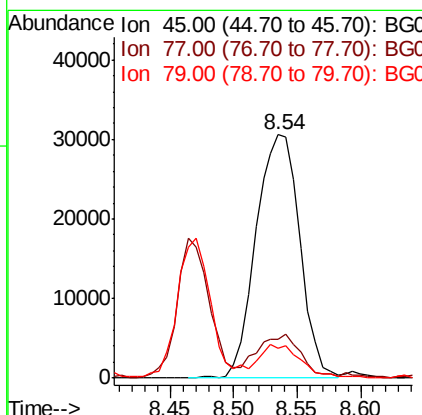
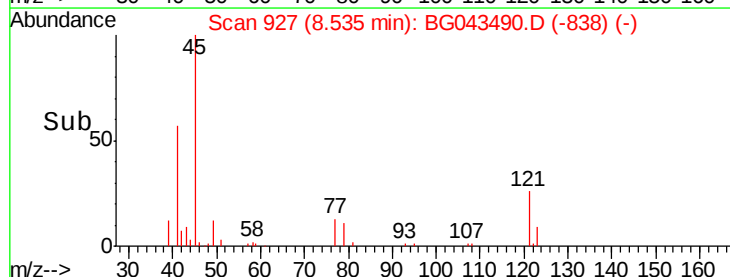
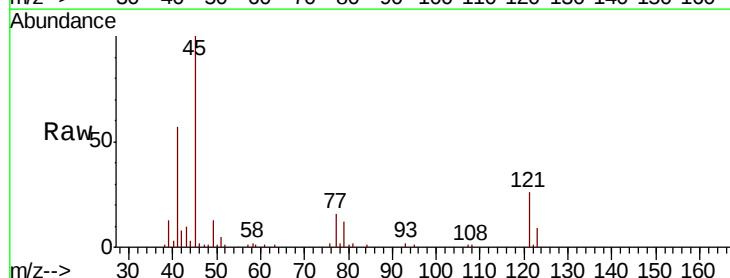
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.716 ng
RT: 8.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BG043490.D
Acq: 4 Nov 2019 21:02

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.8	0.0	34.9
79	12.5	0.0	33.0





#17

2-Methylphenol

Concen: 40.116 ng

RT: 8.47 min Scan# 916

Delta R.T. 0.00 min

Lab File: BG043490.D

Acq: 4 Nov 2019 21:02

Instrument :

BNA_G

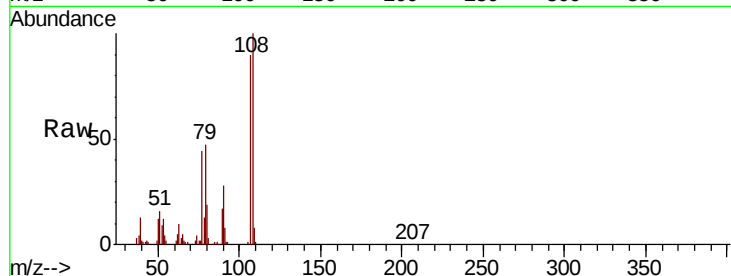
ClientSampleId :

TP-30-SMSD

Tot Ion:	107	Resp:	60057
Ion Ratio	Lower	Upper	
107	100		
108	111.2	90.2	135.4
77	48.9	40.2	60.2
79	52.4	44.0	66.0

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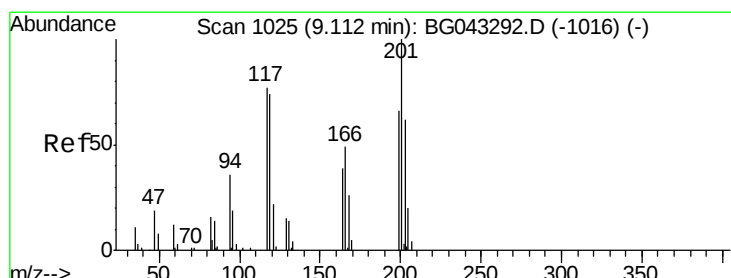
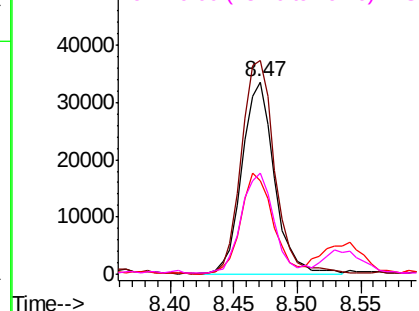
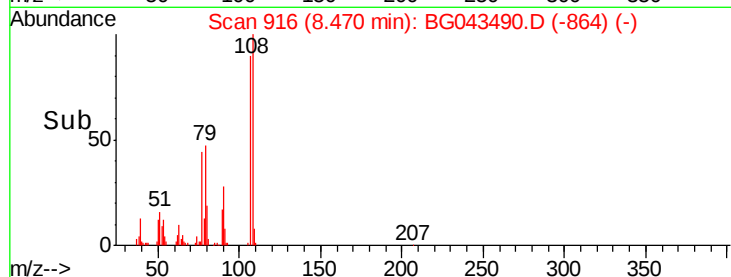
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 34.190 ng

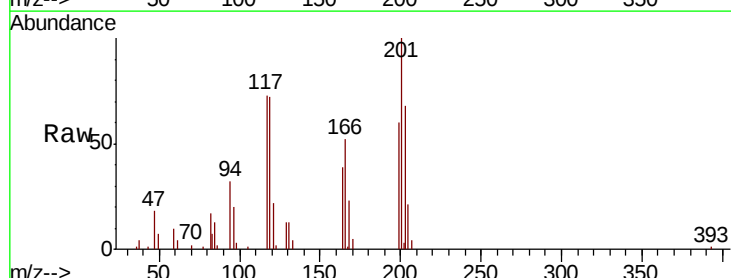
RT: 9.09 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BG043490.D

Acq: 4 Nov 2019 21:02

Tgt Ion:	117	Resp:	26962
Ion Ratio	Lower	Upper	
117	100		
119	98.4	79.0	118.4
201	136.9	105.4	158.2

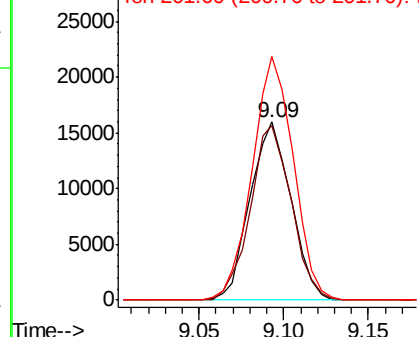
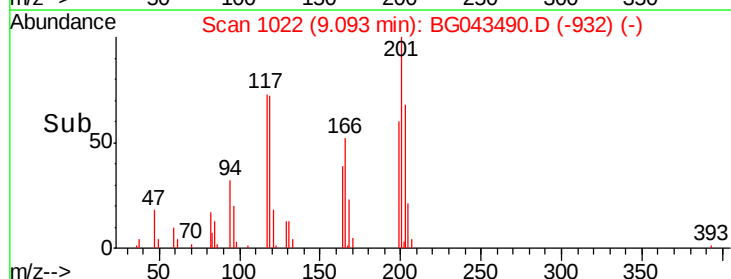


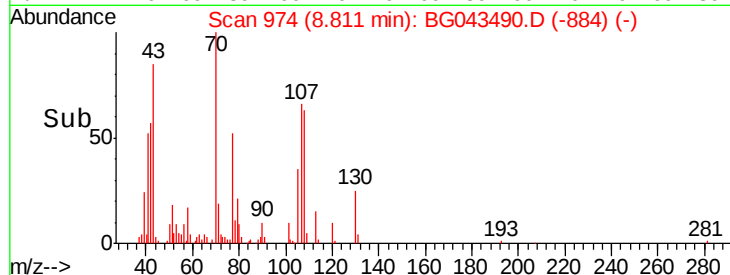
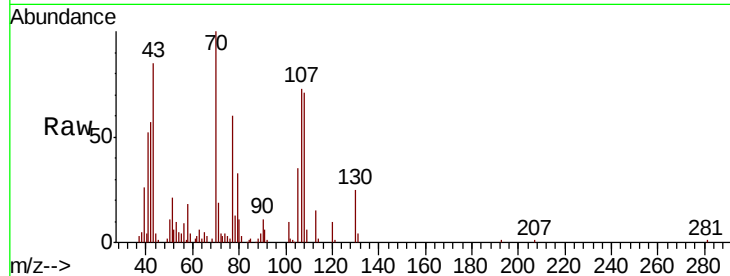
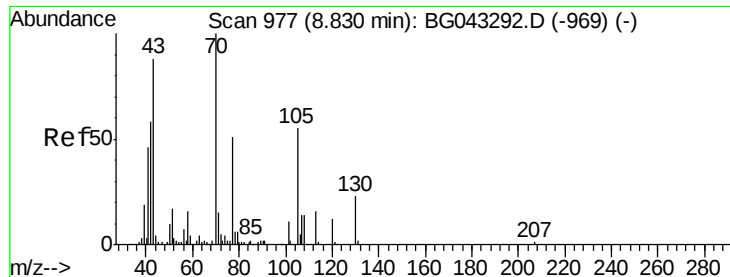
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





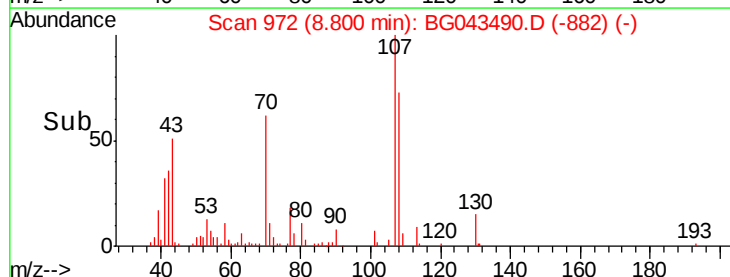
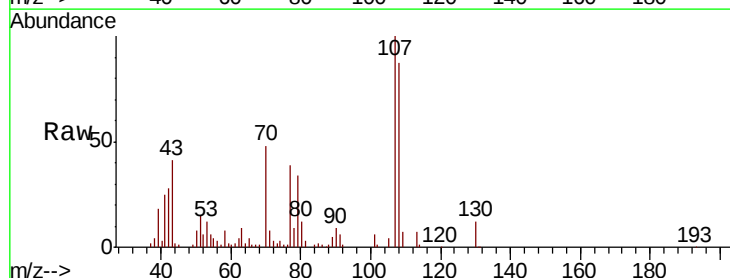
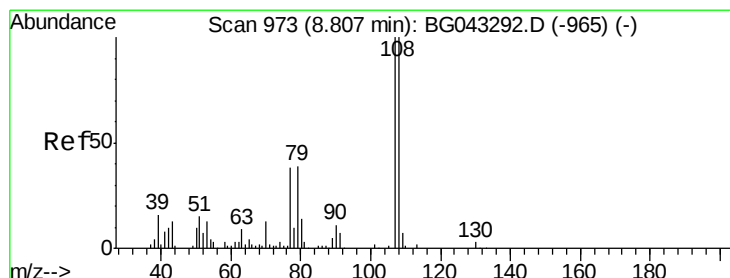
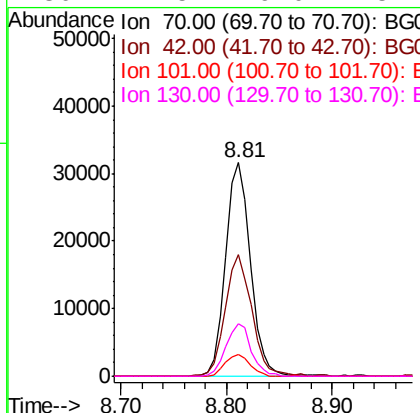
#19
n-Nitroso-di-n-propylamine
Concen: 35.589 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG043490.D
Acq: 4 Nov 2019 21:02

Tot Ion	Ratio	Lower	Upper
70	100		
42	57.2	41.4	62.2
101	10.0	7.9	11.9
130	24.5	19.0	28.4

Instrument :
BNA_G
ClientSampleId :
TP-30-SMSD

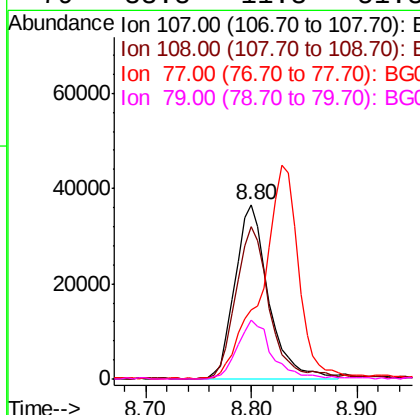
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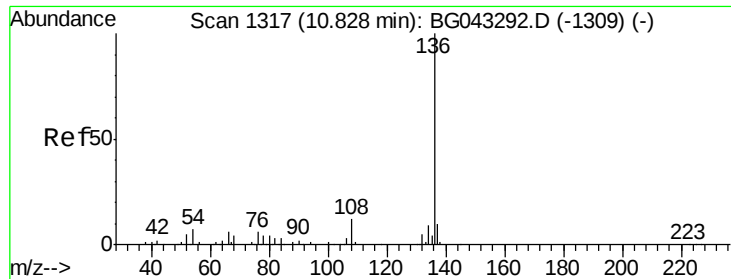
mohammad
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#20
3+4-Methylphenols
Concen: 39.302 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.00 min
Lab File: BG043490.D
Acq: 4 Nov 2019 21:02

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.0	66.6	106.6
77	39.4	20.9	60.9
79	33.8	11.3	51.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.81 min Scan# 1315

Delta R.T. -0.00 min

Lab File: BG043490.D

Acq: 4 Nov 2019 21:02

Instrument :

BNA_G

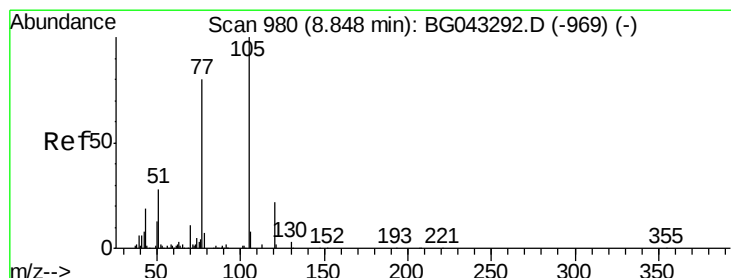
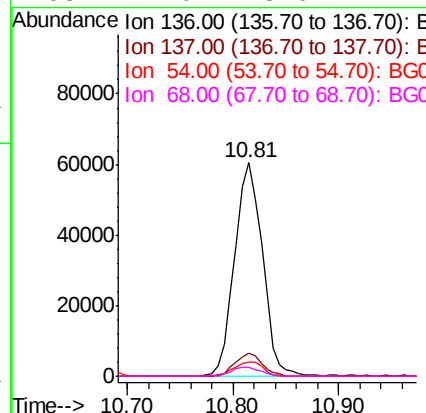
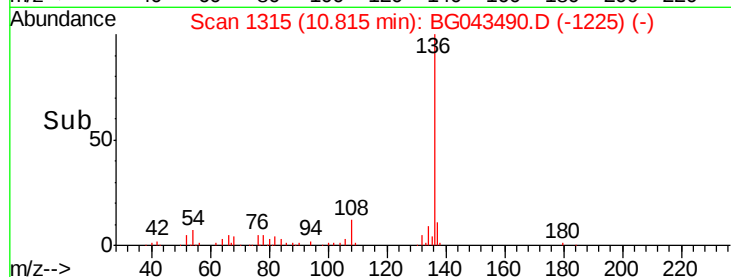
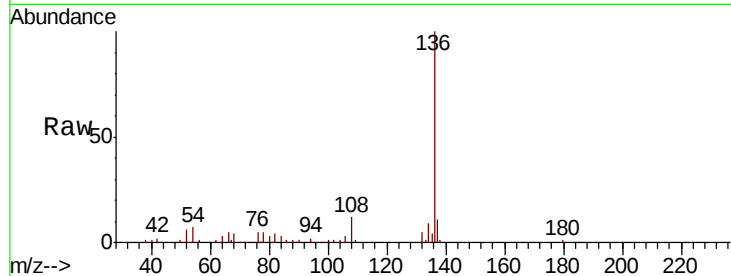
ClientSampleId :

TP-30-SMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		110298		
137	10.8		8.7	13.1	
54	6.6		5.4	8.2	
68	4.0		3.0	4.4	

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#22

Acetophenone

Concen: 36.791 ng

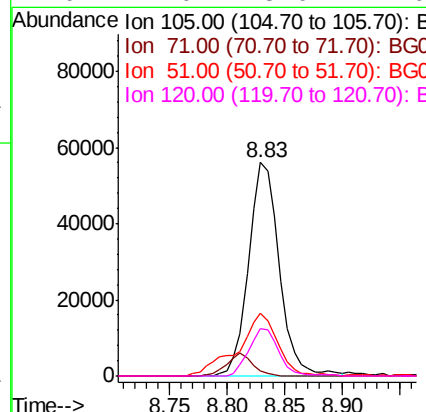
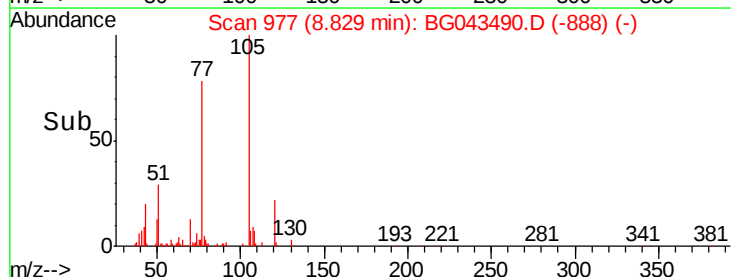
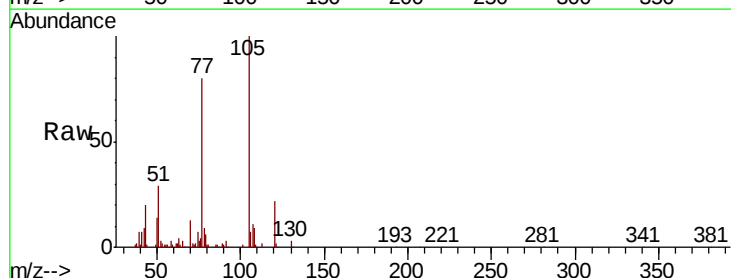
RT: 8.83 min Scan# 977

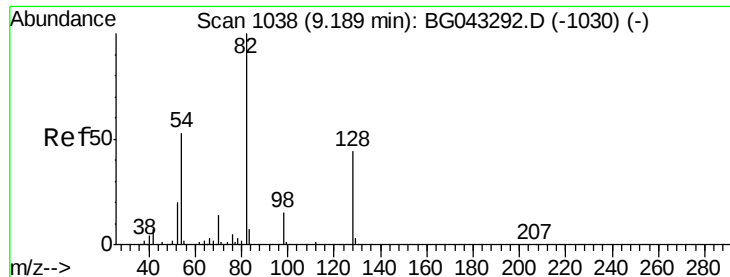
Delta R.T. -0.01 min

Lab File: BG043490.D

Acq: 4 Nov 2019 21:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		103921		
71	2.5		0.8	1.2#	
51	29.4		21.0	31.4	
120	22.0		18.0	27.0	





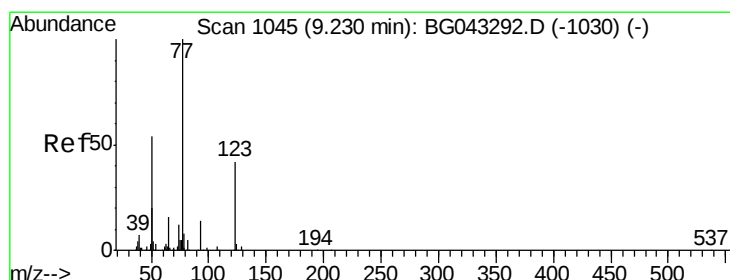
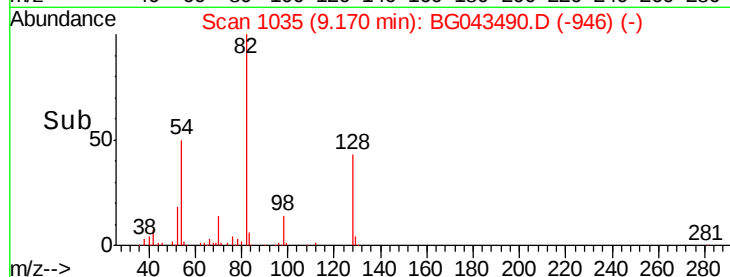
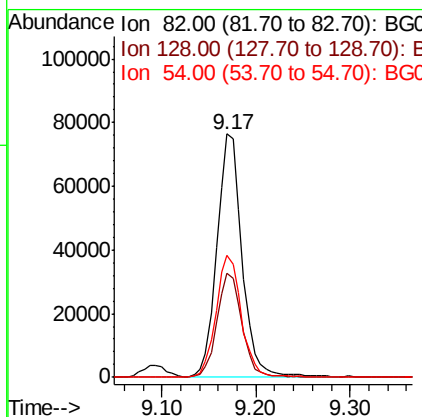
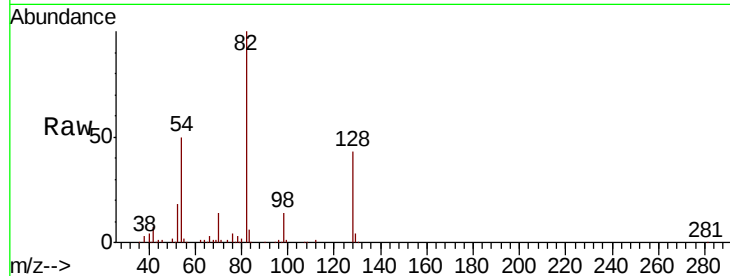
#23
 Nitrobenzene-d5
 Concen: 66.848 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BG043490.D
 Acq: 4 Nov 2019 21:02

Instrument :
 BNA_G
 ClientSampled :
 TP-30-SMSD

Tot Ion	82	Resp	143017
Ion	Ratio	Lower	Upper
82	100		
128	42.6	35.0	52.6
54	50.0	40.2	60.2

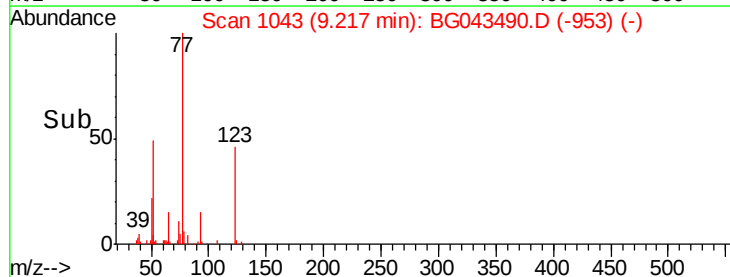
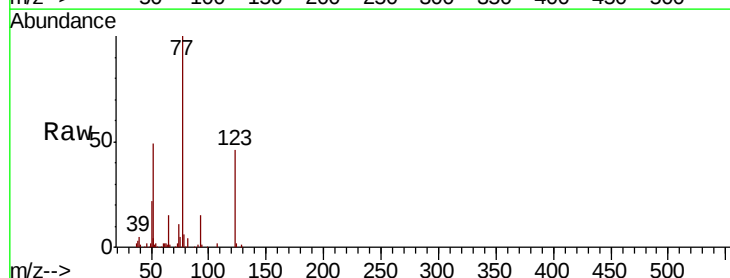
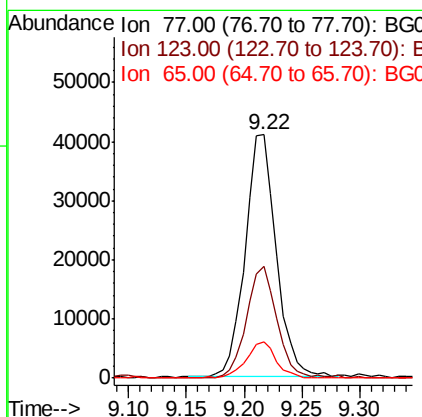
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#24
 Nitrobenzene
 Concen: 37.759 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BG043490.D
 Acq: 4 Nov 2019 21:02

Tgt Ion	77	Resp	76955
Ion	Ratio	Lower	Upper
77	100		
123	46.1	35.0	52.6
65	14.8	9.5	14.3#





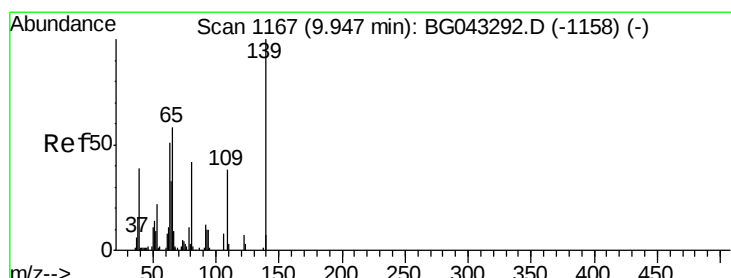
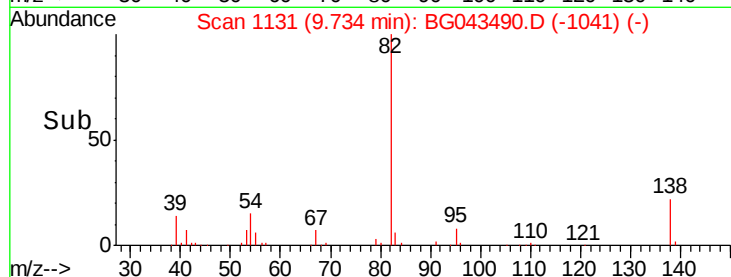
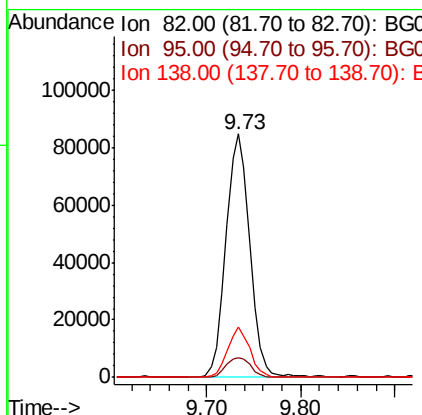
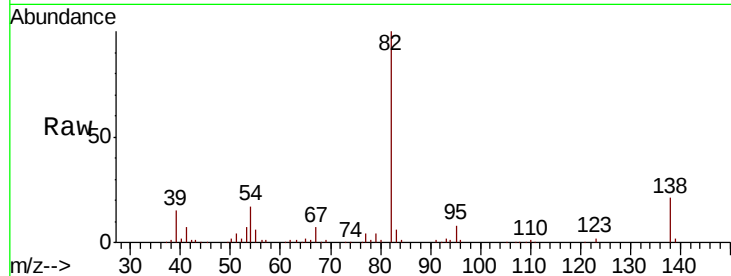
#25
Isophorone
Concen: 38.253 ng
RT: 9.73 min Scan# 1131
Delta R.T. -0.00 min
Lab File: BG043490.D
Acq: 4 Nov 2019 21:02

Instrument :
BNA_G
ClientSampleId :
TP-30-SMSD

Tot Ion	82	Resp	149628
Ion Ratio	100	Lower	Upper
82	100		
95	8.0	6.6	9.8
138	20.8	15.2	22.8

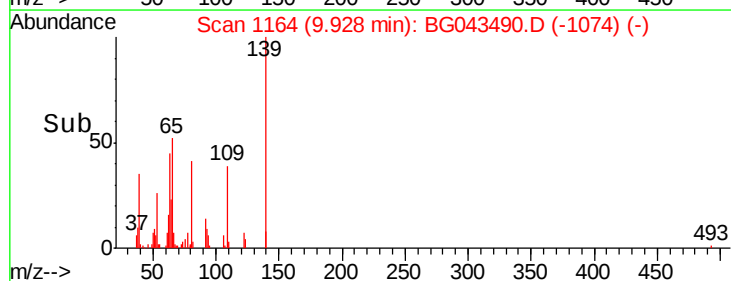
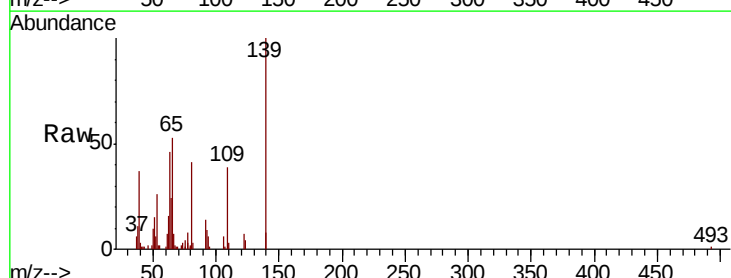
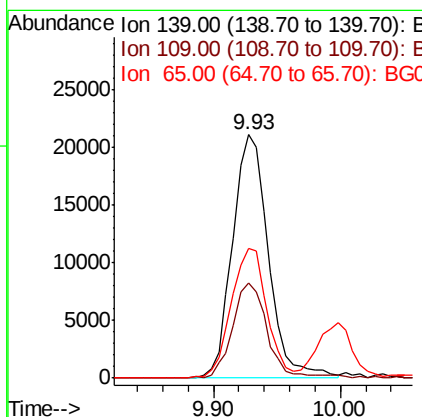
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#26
2-Nitrophenol
Concen: 42.091 ng
RT: 9.93 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BG043490.D
Acq: 4 Nov 2019 21:02

Tgt Ion	139	Resp	41415
Ion Ratio	100	Lower	Upper
139	100		
109	39.3	26.5	39.7
65	53.1	43.8	65.8





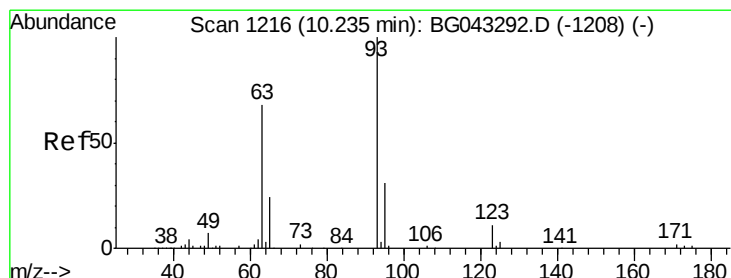
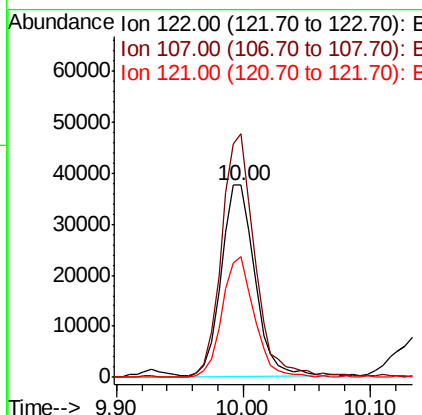
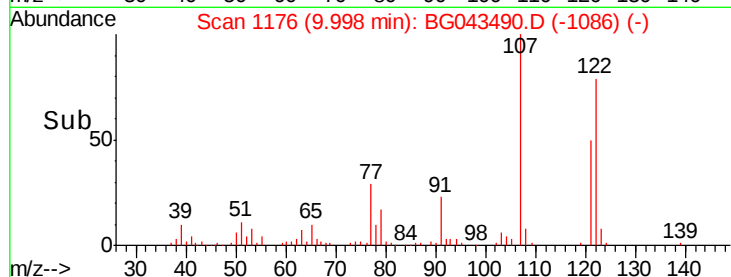
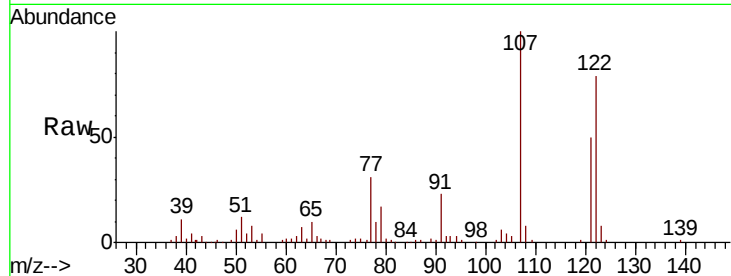
#27
2,4-Dimethylphenol
Concen: 48.659 ng
RT: 10.00 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BG043490.D
Acq: 4 Nov 2019 21:02

Instrument :
BNA_G
ClientSampleId :
TP-30-SMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		68622		
107	126.9	104.4	156.6		
121	63.2	47.2	70.8		

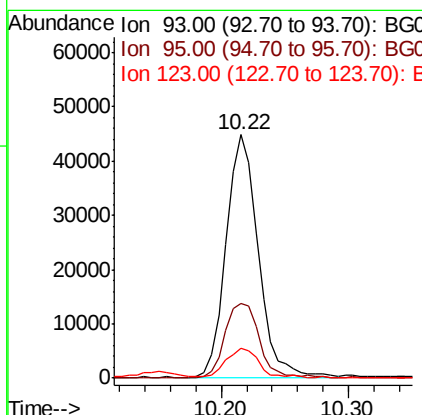
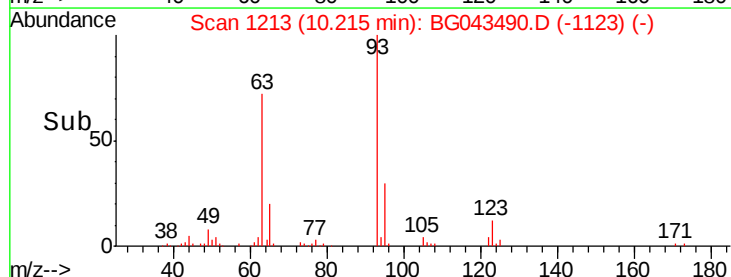
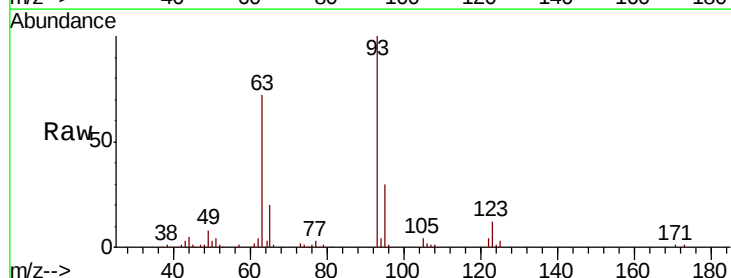
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#28
bis(2-Chloroethoxy)methane
Concen: 36.578 ng
RT: 10.22 min Scan# 1213
Delta R.T. -0.00 min
Lab File: BG043490.D
Acq: 4 Nov 2019 21:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		78965		
95	30.4	26.0	39.0		
123	12.2	10.6	15.8		





#29

2,4-Dichlorophenol

Concen: 42.527 ng

RT: 10.48 min Scan# 1258

Delta R.T. 0.00 min

Lab File: BG043490.D

Acq: 4 Nov 2019 21:02

Instrument :

BNA_G

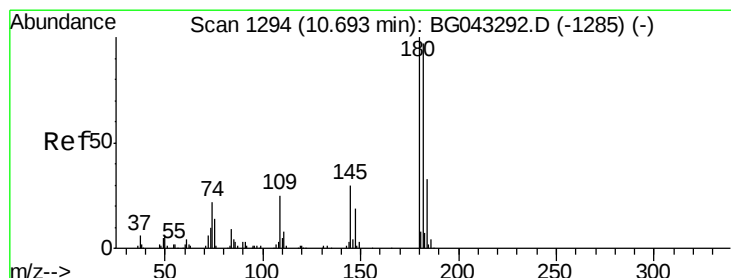
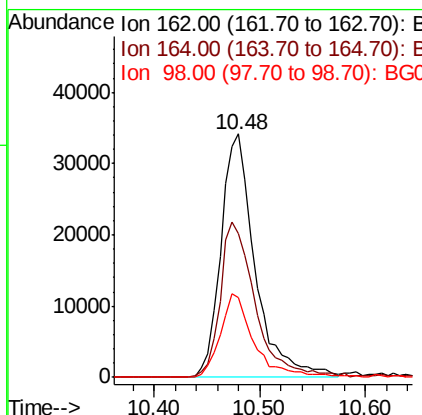
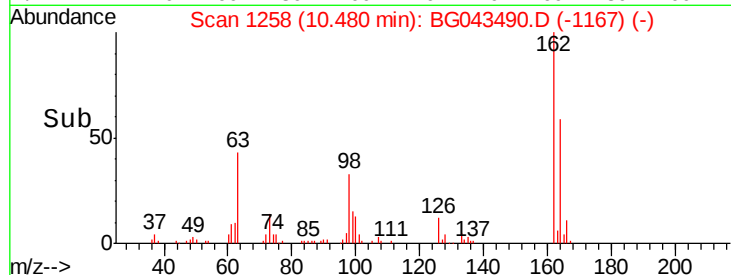
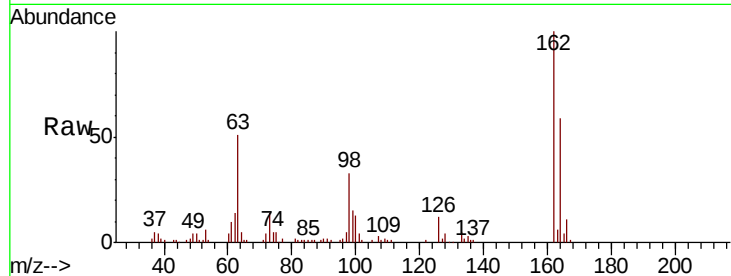
ClientSampleId :

TP-30-SMSD

Tot Ion:	162	Resp:	76843
Ion Ratio	Lower	Upper	
162	100		
164	59.0	48.9	88.9
98	32.9	15.1	55.1

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#30

1,2,4-Trichlorobenzene

Concen: 36.499 ng

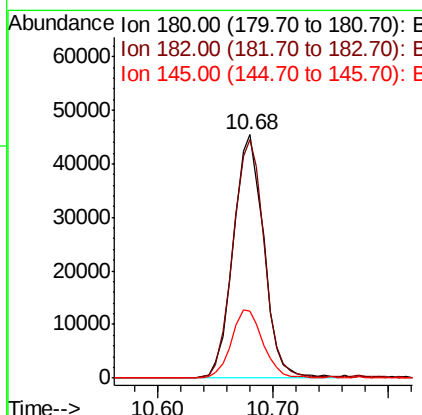
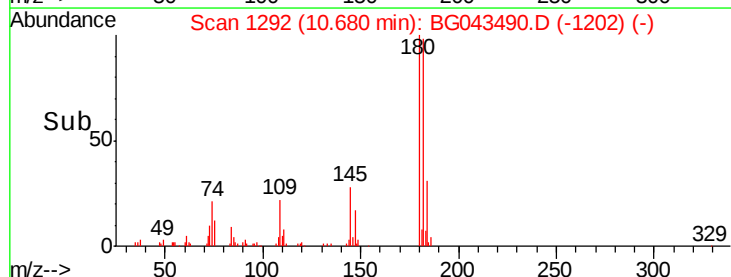
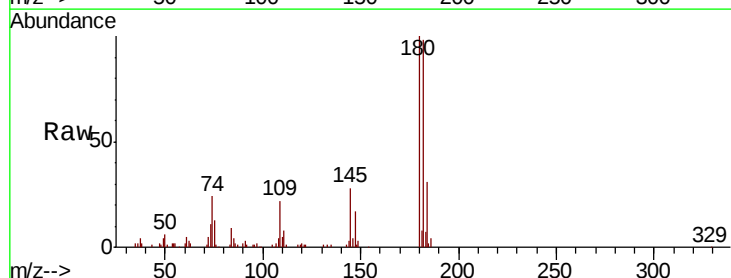
RT: 10.68 min Scan# 1292

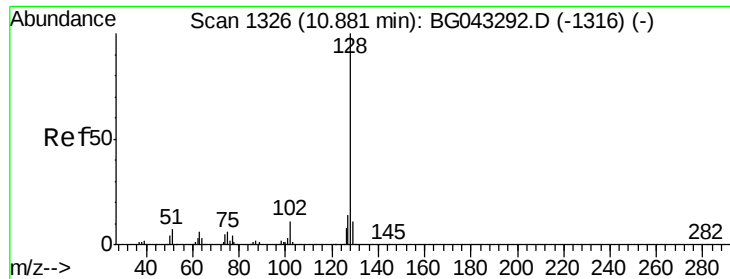
Delta R.T. -0.00 min

Lab File: BG043490.D

Acq: 4 Nov 2019 21:02

Tgt Ion:	180	Resp:	83123
Ion Ratio	Lower	Upper	
180	100		
182	97.7	75.1	112.7
145	27.8	23.9	35.9





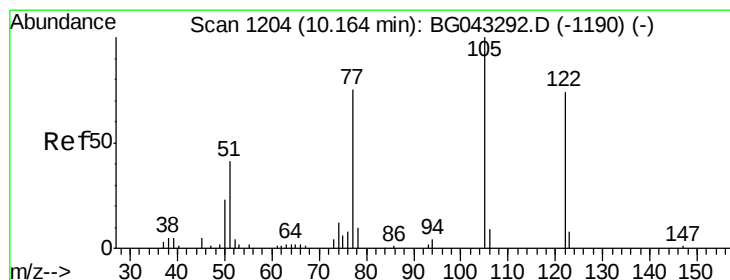
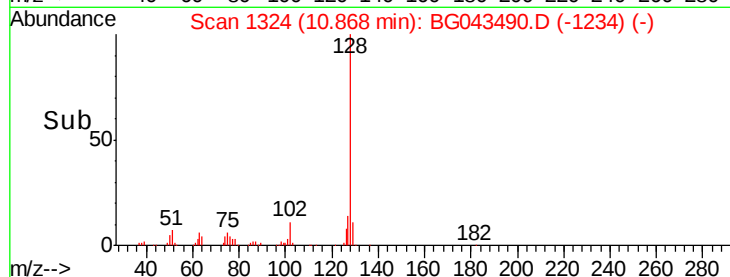
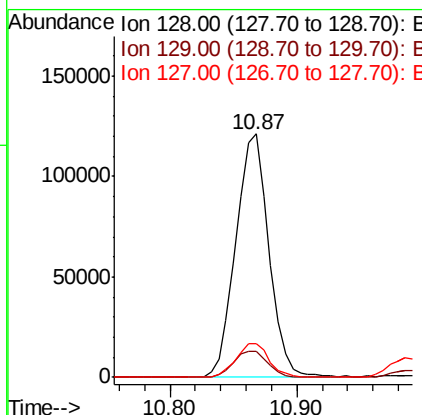
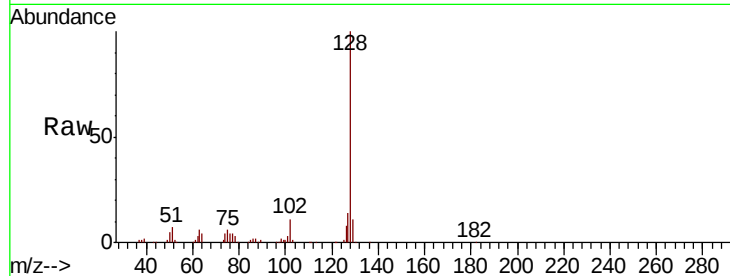
#31
Naphthalene
Concen: 39.147 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BG043490.D
Acq: 4 Nov 2019 21:02

Instrument :
BNA_G
ClientSampleId :
TP-30-SMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.4	14.0
127	13.9	11.1	16.7

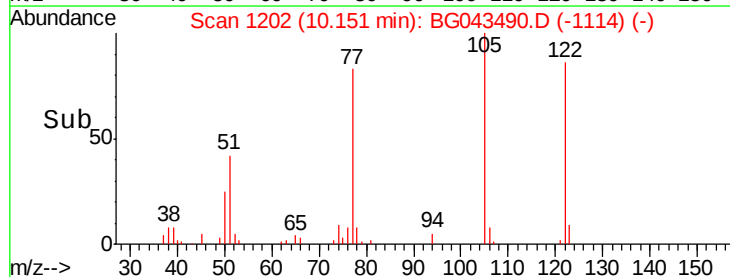
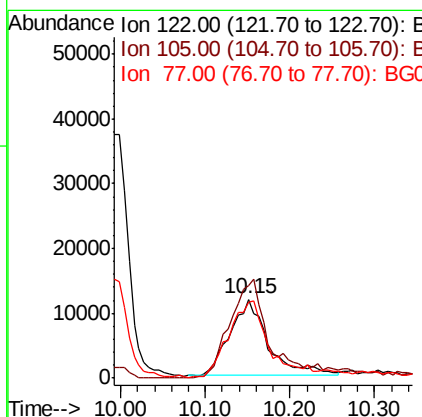
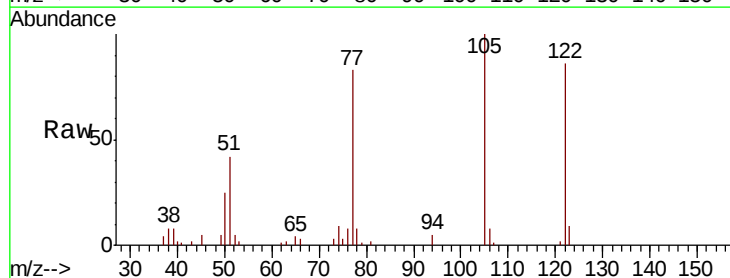
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#32
Benzoic acid
Concen: 37.084 ng
RT: 10.15 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BG043490.D
Acq: 4 Nov 2019 21:02

Tgt Ion	Ratio	Lower	Upper
122	100		
105	116.7	103.3	143.3
77	96.5	84.9	124.9





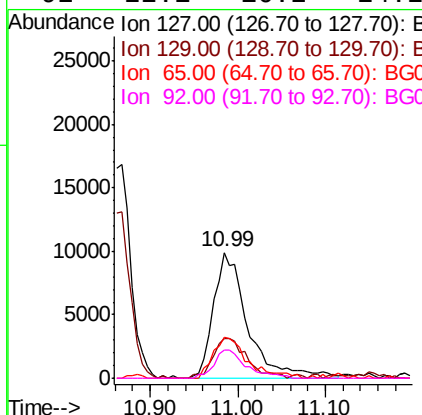
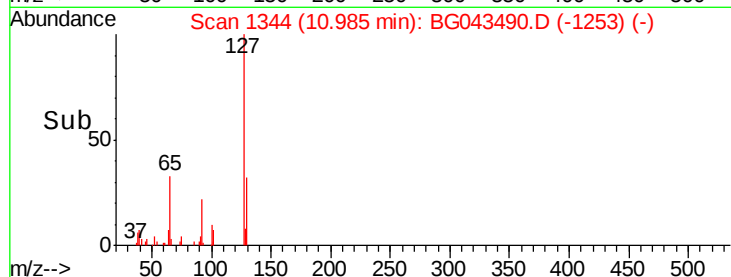
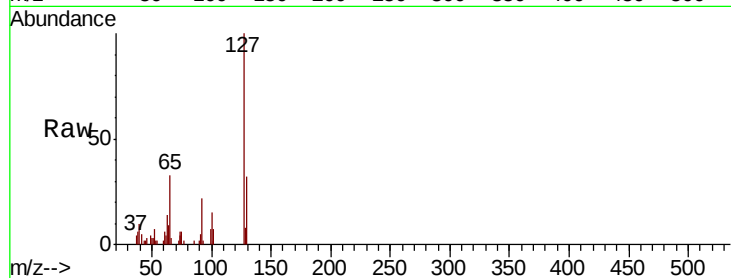
#33
4-Chloroaniline
Concen: 11.659 ng
RT: 10.99 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BG043490.D
Acq: 4 Nov 2019 21:02

Instrument :
BNA_G
ClientSampleId :
TP-30-SMSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.5	39.7
65	32.7	26.4	39.6
92	22.1	16.2	24.2

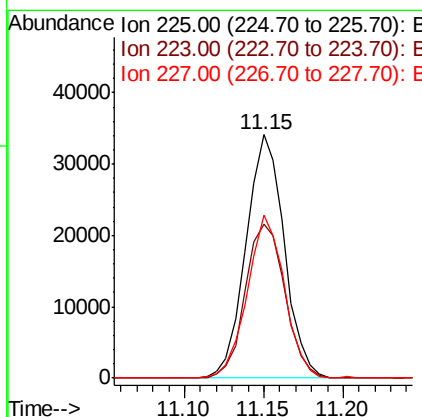
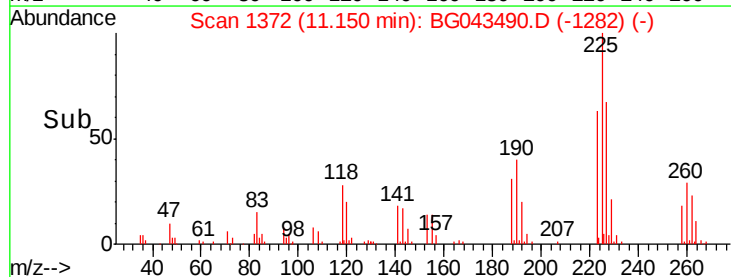
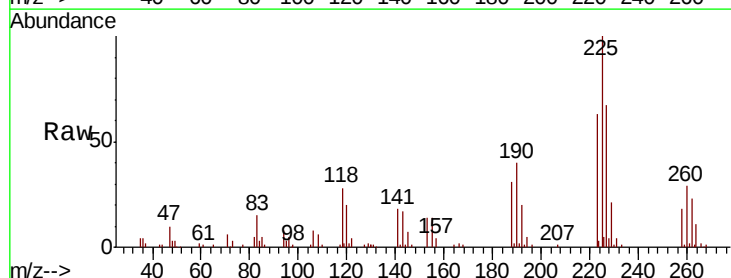
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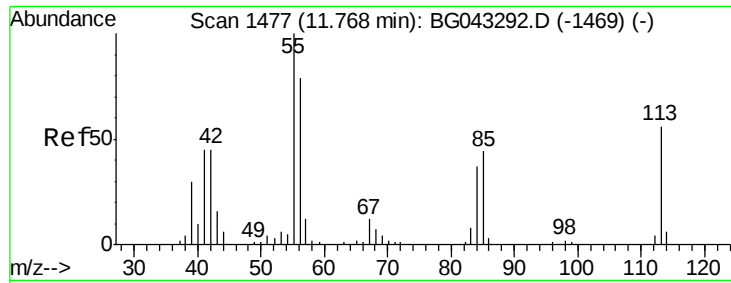
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#34
Hexachlorobutadiene
Concen: 33.898 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BG043490.D
Acq: 4 Nov 2019 21:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.6	52.7	79.1
227	67.0	54.8	82.2





#35

Caprolactam

Concen: 47.680 ng/ml

RT: 11.74 min Scan# 1473

Delta R.T. -0.01 min

Lab File: BG043490.D

Acq: 4 Nov 2019 21:02

Instrument :

BNA_G

ClientSampleId :

TP-30-SMSD

Tot Ion:113 Resp: 29672

Ion Ratio Lower Upper

113 100

55 136.8 134.1 174.1

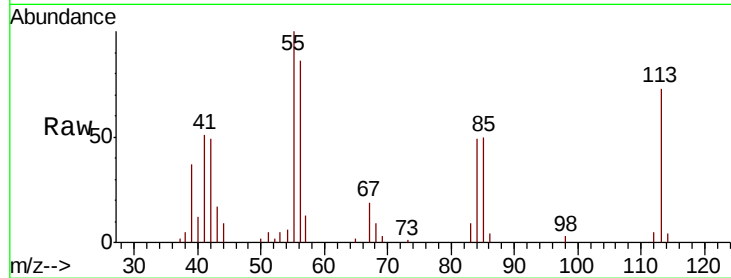
56 117.1 100.4 140.4

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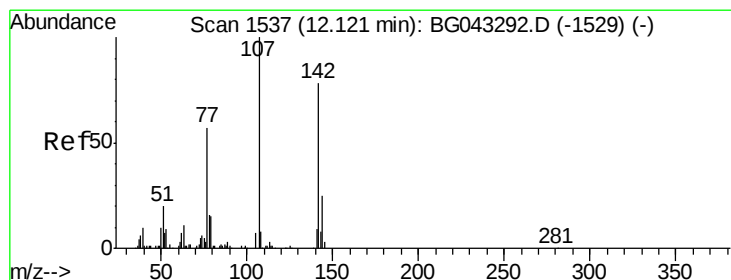
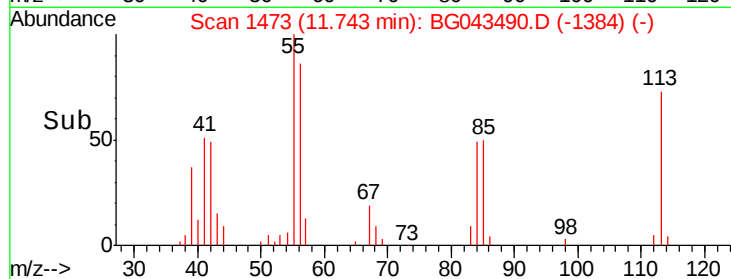
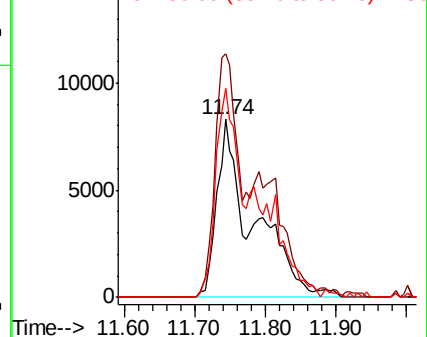


Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 45.727 ng/ml

RT: 12.11 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BG043490.D

Acq: 4 Nov 2019 21:02

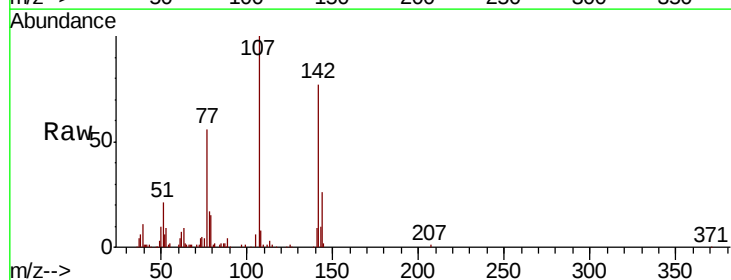
Tgt Ion:107 Resp: 90126

Ion Ratio Lower Upper

107 100

144 25.6 20.9 31.3

142 77.3 59.6 89.4

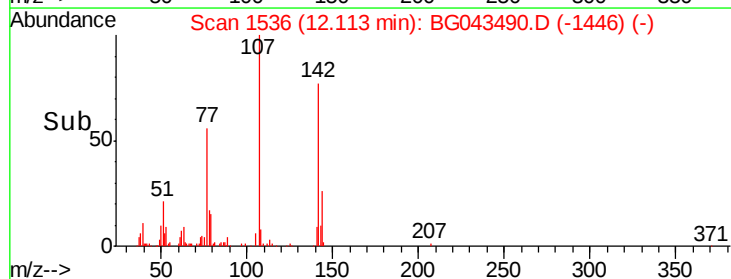
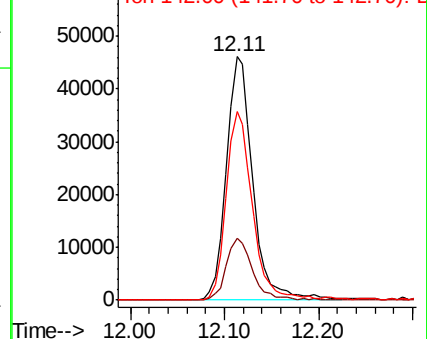


Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





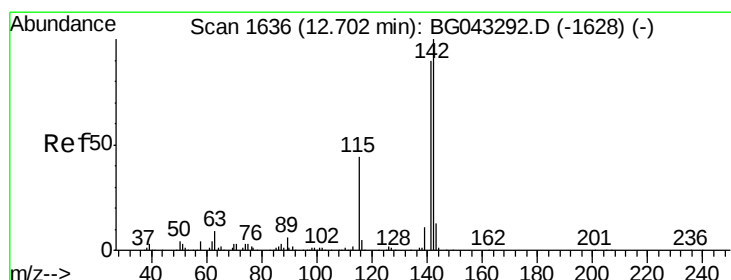
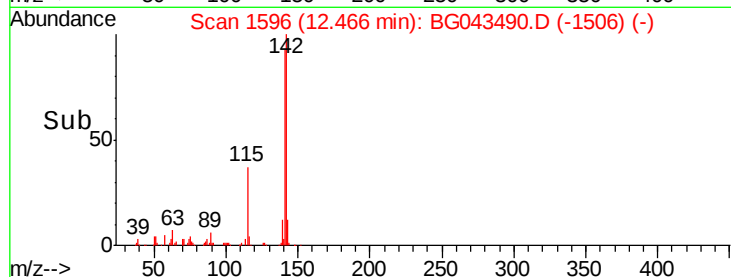
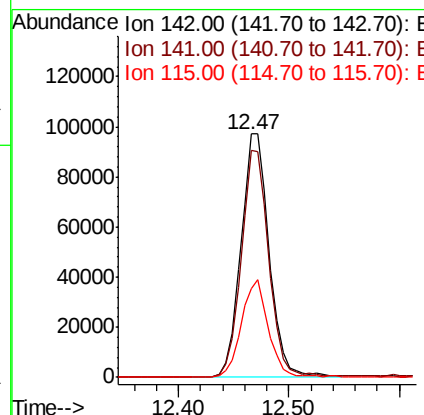
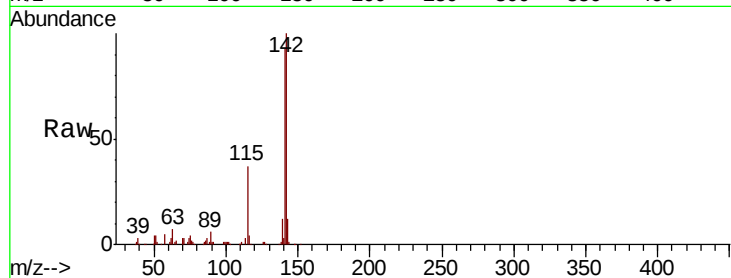
#37
2-Methylnaphthalene
Concen: 40.690 ng
RT: 12.47 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BG043490.D
Acq: 4 Nov 2019 21:02

Instrument :
BNA_G
ClientSampleId :
TP-30-SMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.4	72.2	108.2
115	36.5	33.2	49.8

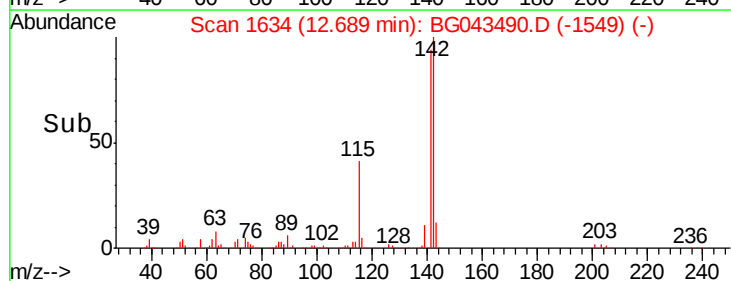
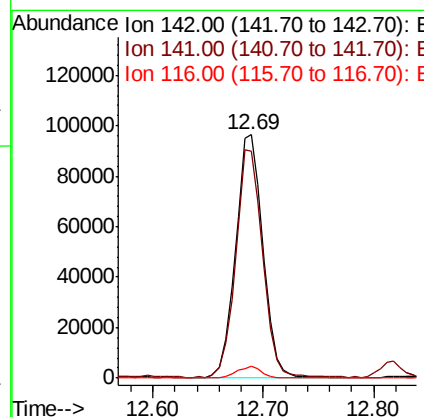
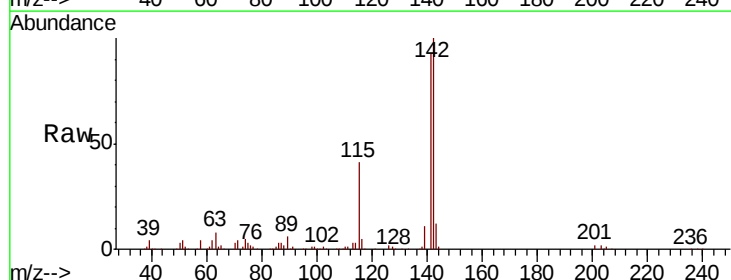
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#38
1-Methylnaphthalene
Concen: 40.967 ng
RT: 12.69 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BG043490.D
Acq: 4 Nov 2019 21:02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.4	73.2	109.8
116	4.7	3.6	5.4





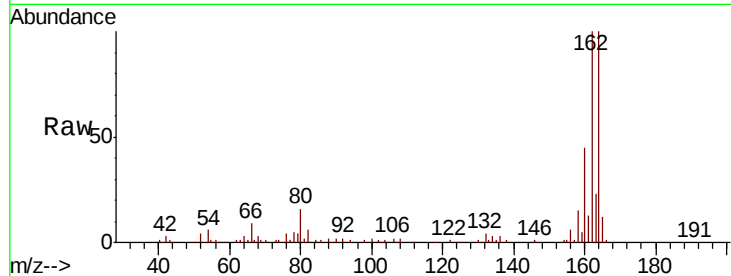
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1966
Delta R.T. -0.00 min
Lab File: BG043490.D
Acq: 4 Nov 2019 21:02

Instrument :
BNA_G
ClientSampleId :
TP-30-SMSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.1	83.5	125.3
160	44.8	36.5	54.7

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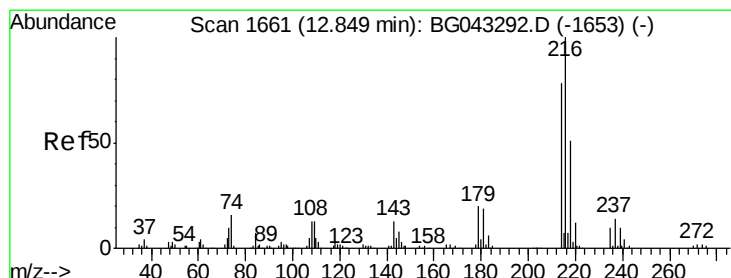
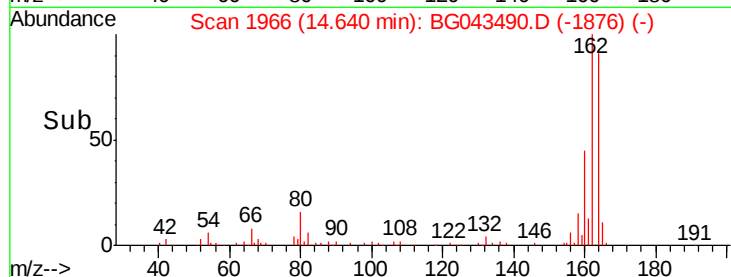
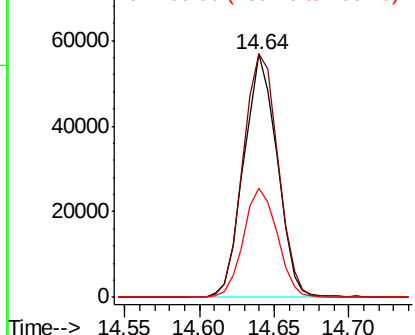


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 34.375 ng
RT: 12.84 min Scan# 1659
Delta R.T. -0.00 min
Lab File: BG043490.D
Acq: 4 Nov 2019 21:02

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.0	61.7	92.5
179	20.0	15.8	23.8
108	15.4	11.5	17.3

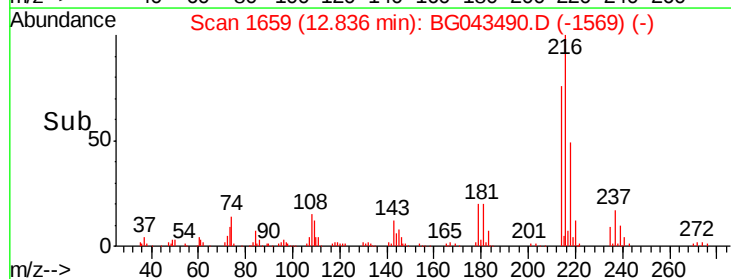
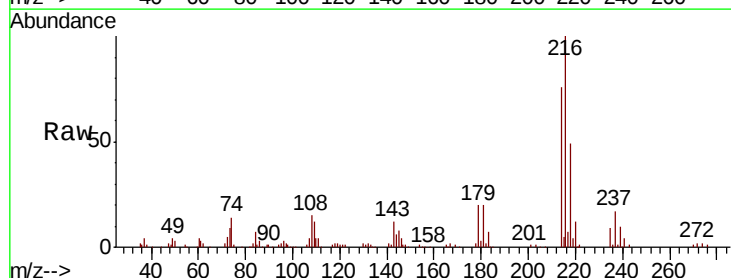
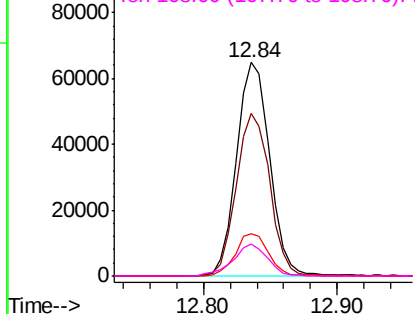
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





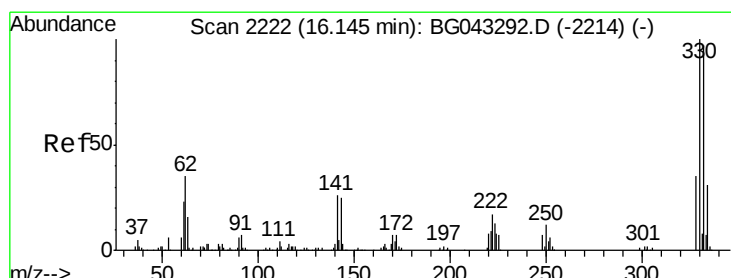
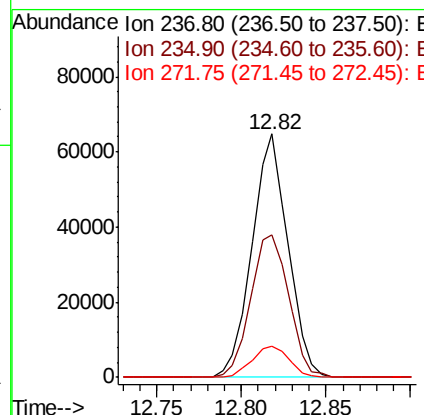
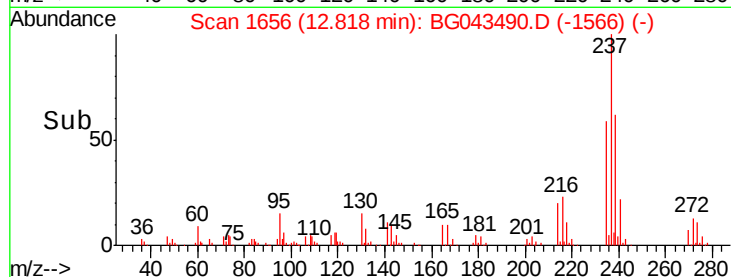
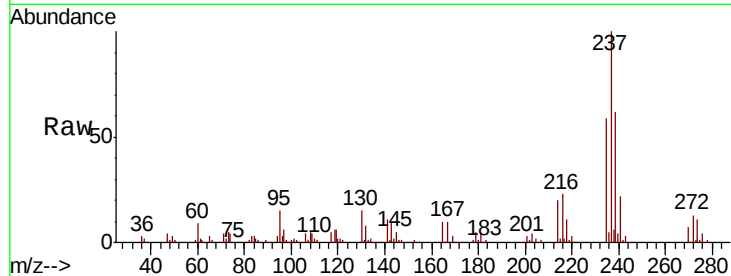
#41
Hexachlorocyclopentadiene
Concen: 56.170 ng
RT: 12.82 min Scan# 1656
Delta R.T. -0.00 min
Lab File: BG043490.D
Acq: 4 Nov 2019 21:02

Instrument :
BNA_G
ClientSampleId :
TP-30-SMSD

Tot Ion	Ratio	Resp	Lower	Upper
237	100	95765		
235	58.6	41.6	81.6	
272	12.9	0.0	32.5	

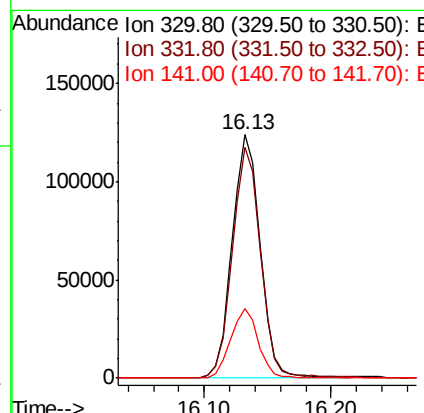
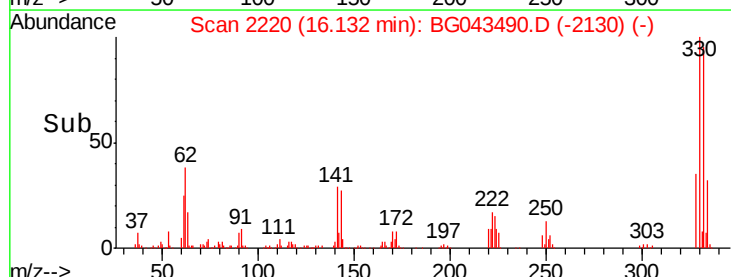
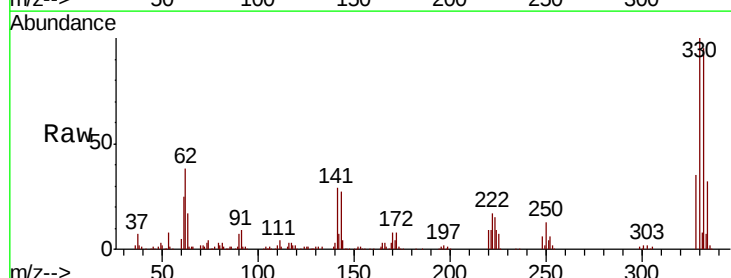
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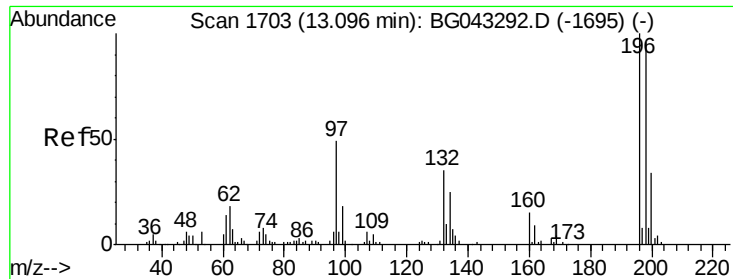
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#42
2,4,6-Tribromophenol
Concen: 113.352 ng
RT: 16.13 min Scan# 2220
Delta R.T. -0.00 min
Lab File: BG043490.D
Acq: 4 Nov 2019 21:02

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	189173		
332	95.5	77.4	116.0	
141	28.1	22.8	34.2	





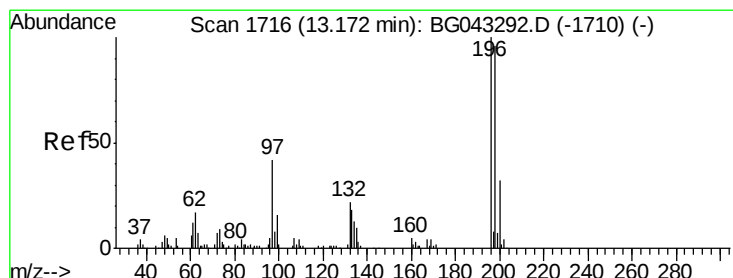
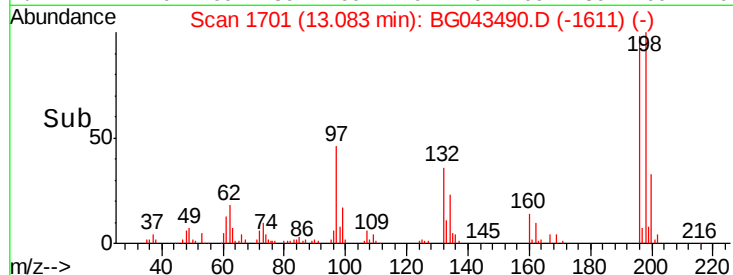
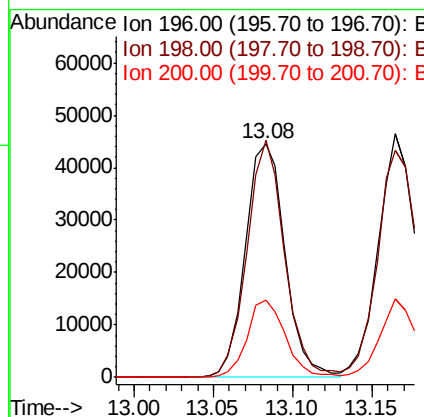
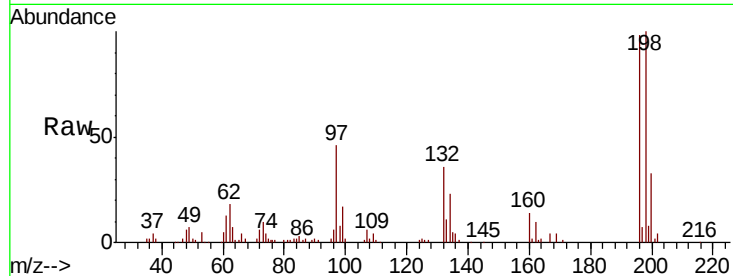
#43
 2,4,6-Trichlorophenol
 Concen: 40.719 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. -0.00 min
 Lab File: BG043490.D
 Acq: 4 Nov 2019 21:02

Instrument :
 BNA_G
 ClientSampleId :
 TP-30-SMSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	101.8	75.8	113.6
200	33.1	23.9	35.9

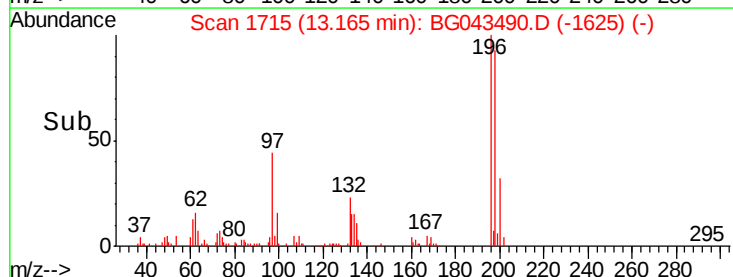
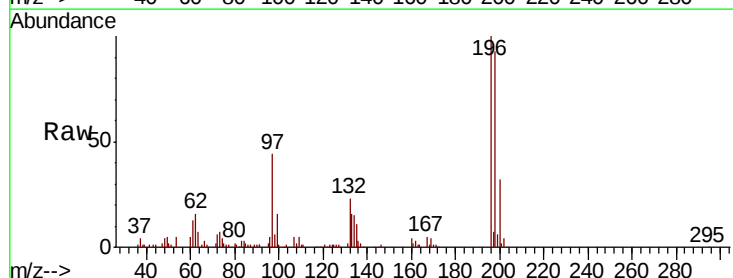
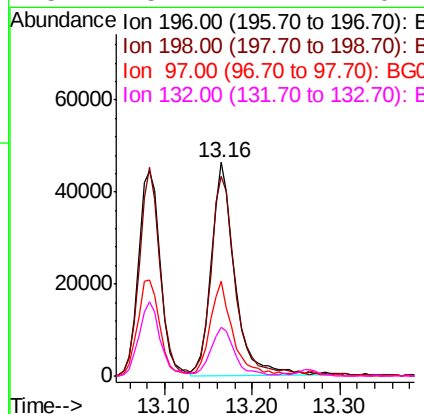
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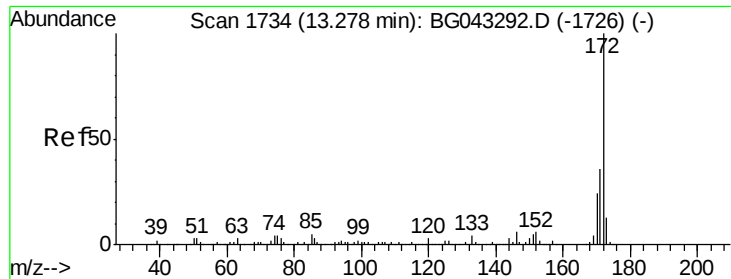
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 44.696 ng
 RT: 13.16 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BG043490.D
 Acq: 4 Nov 2019 21:02

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.3	74.5	111.7
97	44.3	36.3	54.5
132	23.1	17.4	26.2





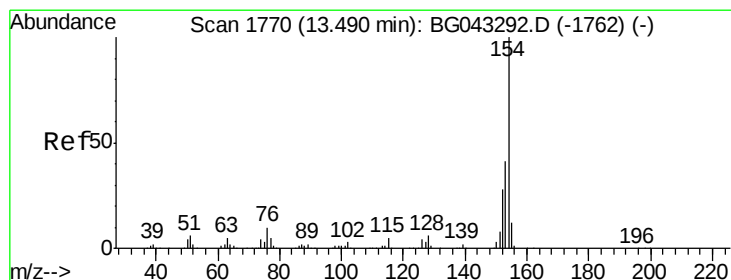
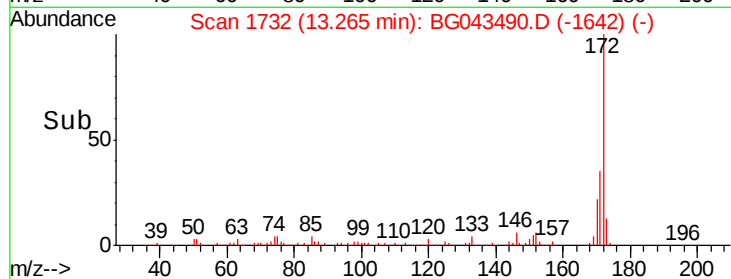
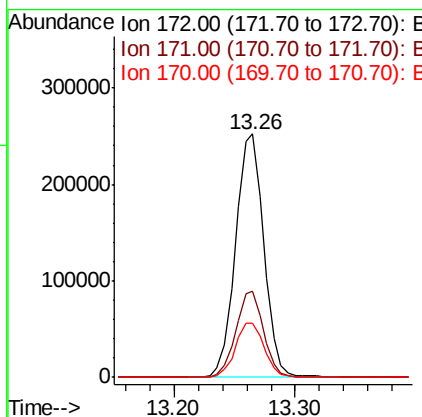
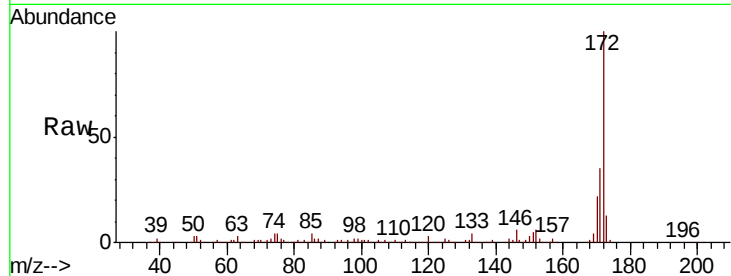
#45
2-Fluorobiphenyl
Concen: 64.822 ng
RT: 13.26 min Scan# 1732
Delta R.T. -0.00 min
Lab File: BG043490.D
Acq: 4 Nov 2019 21:02

Instrument :
BNA_G
ClientSampleId :
TP-30-SMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.9	43.3
170	22.1	18.5	27.7

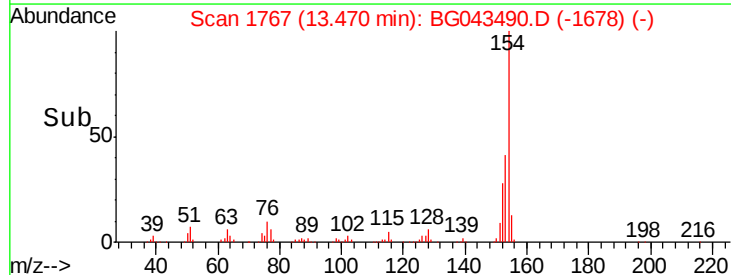
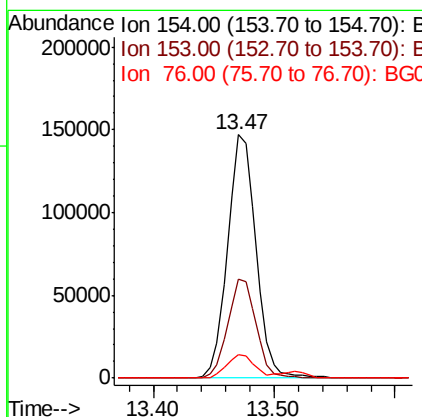
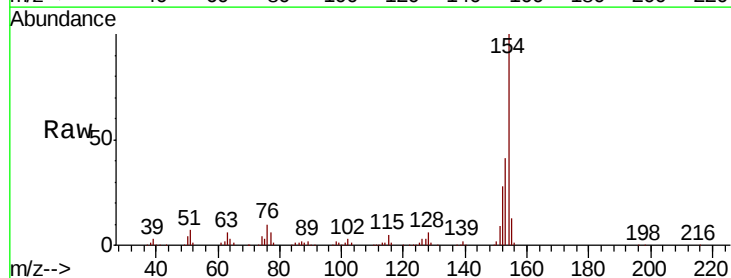
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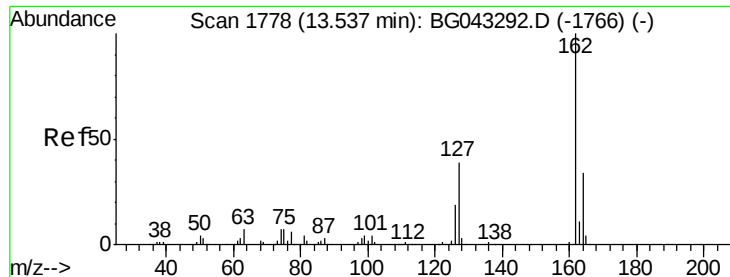
mohammad
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#46
1,1'-Biphenyl
Concen: 36.029 ng
RT: 13.47 min Scan# 1767
Delta R.T. -0.01 min
Lab File: BG043490.D
Acq: 4 Nov 2019 21:02

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	19.9	59.9
76	9.5	0.0	29.4





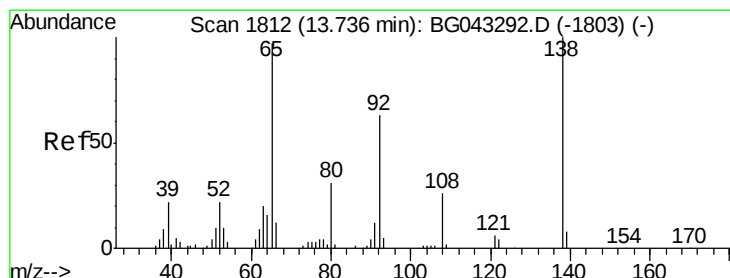
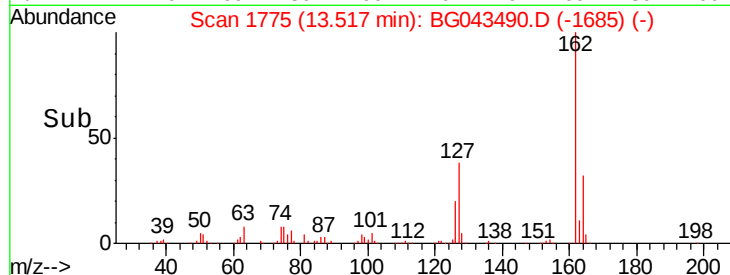
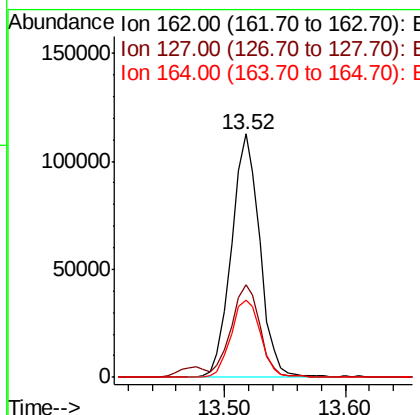
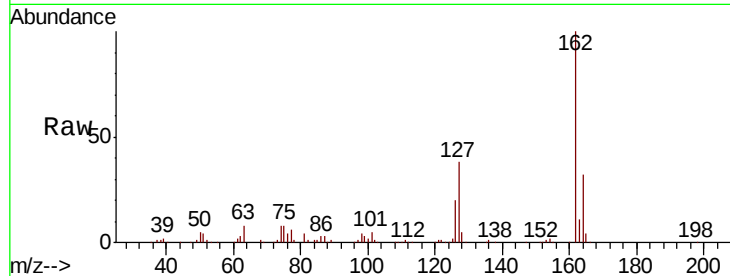
#47
2-Chloronaphthalene
Concen: 36.276 ng
RT: 13.52 min Scan# 1775
Delta R.T. -0.00 min
Lab File: BG043490.D
Acq: 4 Nov 2019 21:02

Instrument :
BNA_G
ClientSampleId :
TP-30-SMSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.0	31.2	46.8
164	31.6	25.8	38.8

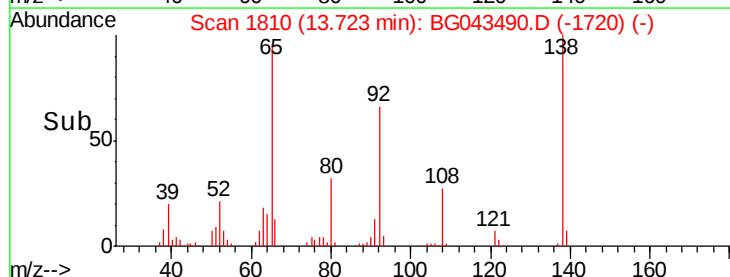
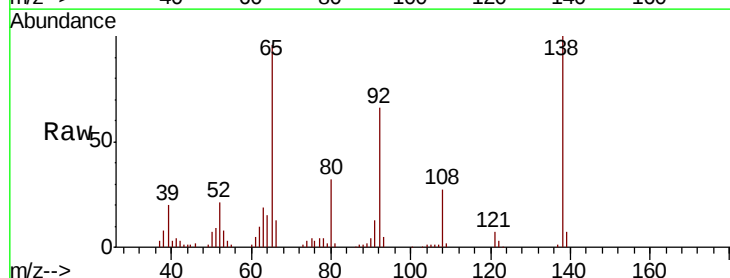
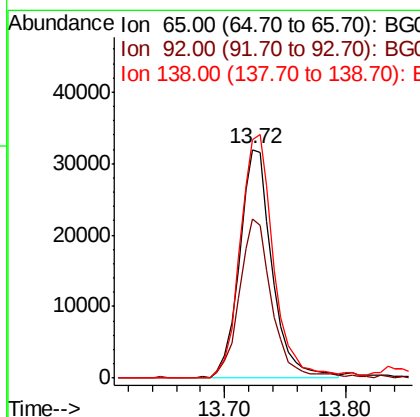
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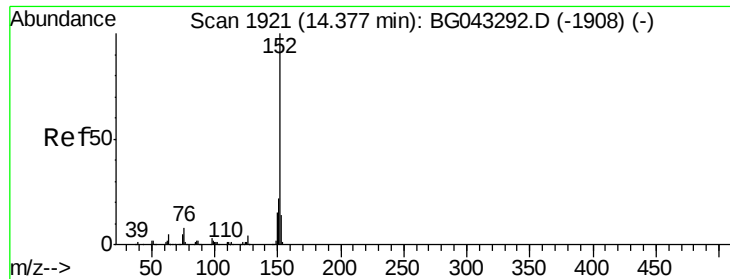
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#48
2-Nitroaniline
Concen: 39.517 ng
RT: 13.72 min Scan# 1810
Delta R.T. -0.00 min
Lab File: BG043490.D
Acq: 4 Nov 2019 21:02

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.4	56.2	84.2
138	104.5	82.6	123.8





#49

Acenaphthylene

Concen: 40.466 ng

RT: 14.36 min Scan# 1919

Delta R.T. -0.00 min

Lab File: BG043490.D

Acq: 4 Nov 2019 21:02

Instrument :

BNA_G

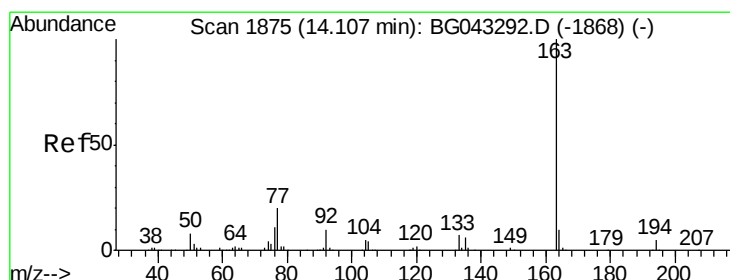
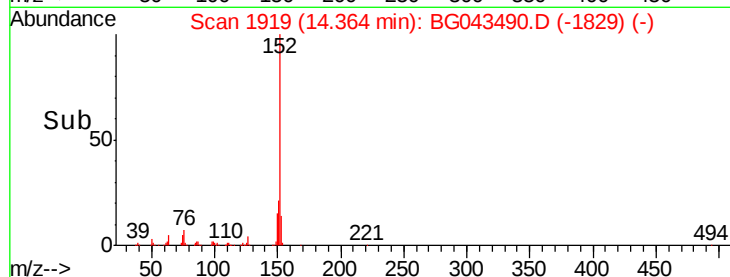
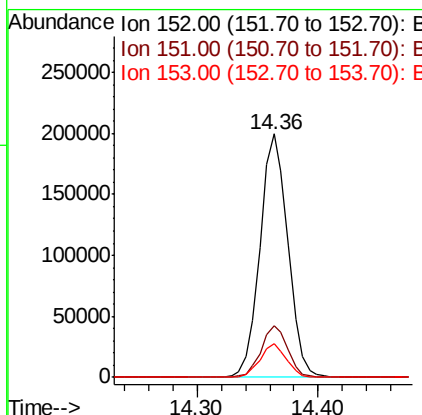
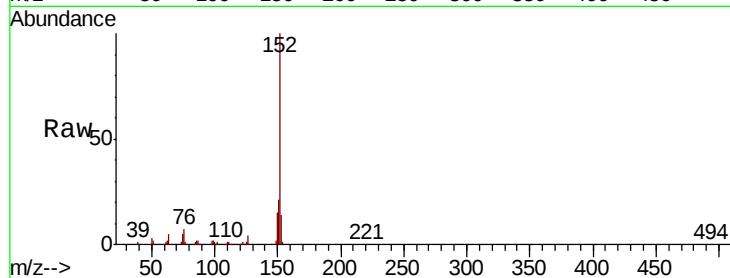
ClientSampleId :

TP-30-SMSD

Tot Ion:	152	Resp:	319700
Ion Ratio	Lower	Upper	
152	100		
151	21.3	16.2	24.4
153	13.9	10.6	15.8

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#50

Dimethylphthalate

Concen: 50.983 ng

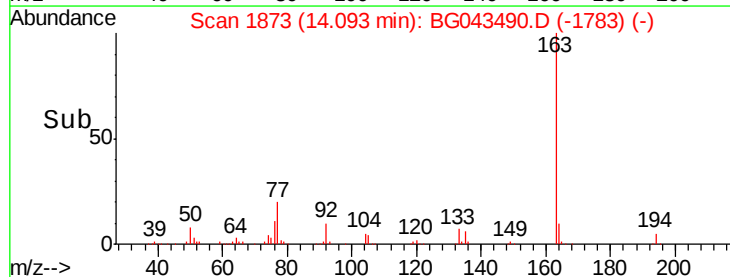
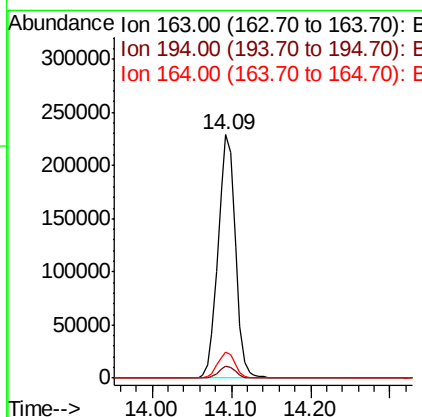
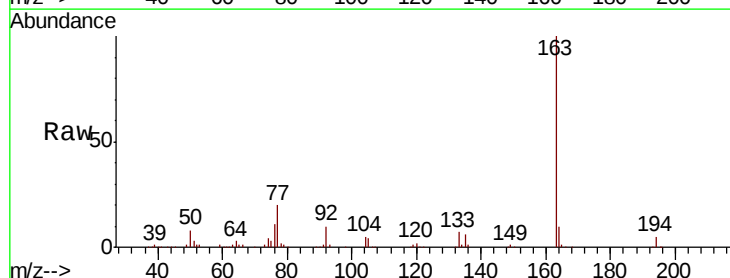
RT: 14.09 min Scan# 1873

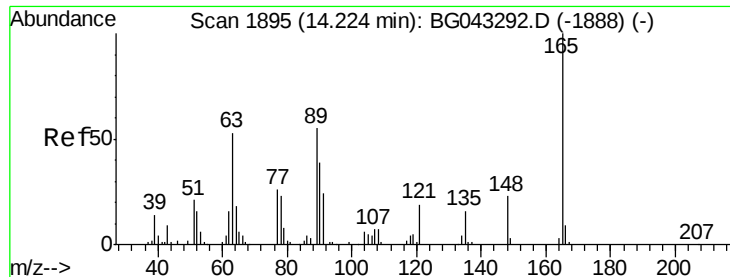
Delta R.T. -0.00 min

Lab File: BG043490.D

Acq: 4 Nov 2019 21:02

Tgt Ion:	163	Resp:	346319
Ion Ratio	Lower	Upper	
163	100		
194	5.0	3.8	5.6
164	10.5	8.9	13.3





#51

2,6-Dinitrotoluene

Concen: 41.186 ng

RT: 14.21 min Scan# 1893

Delta R.T. -0.00 min

Lab File: BG043490.D

Acq: 4 Nov 2019 21:02

Instrument :

BNA_G

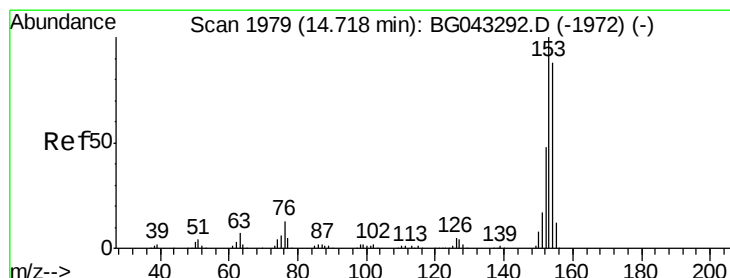
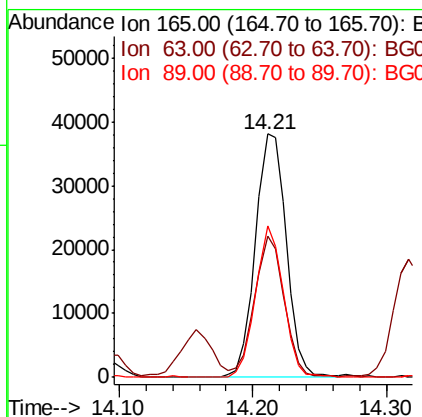
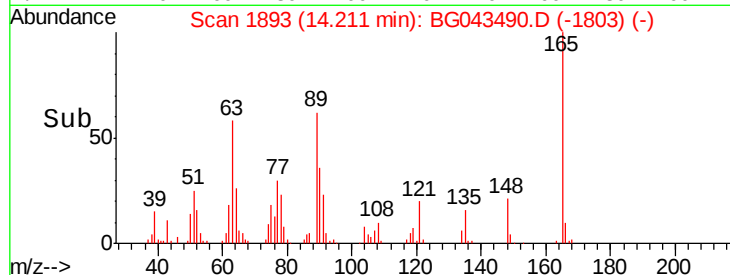
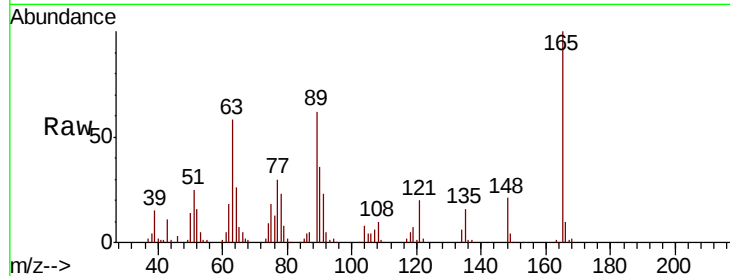
ClientSampleId :

TP-30-SMSD

Tot Ion:	165	Resp:	60779
Ion Ratio	Lower	Upper	
165	100		
63	58.0	46.6	69.8
89	62.2	45.1	67.7

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#52

Acenaphthene

Concen: 39.164 ng

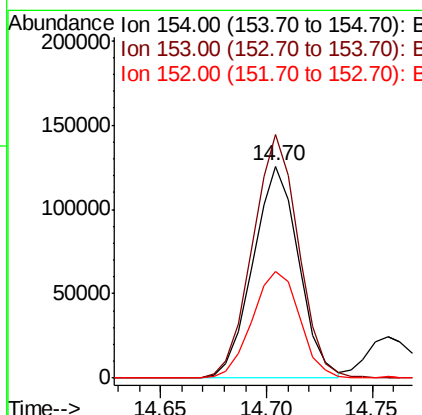
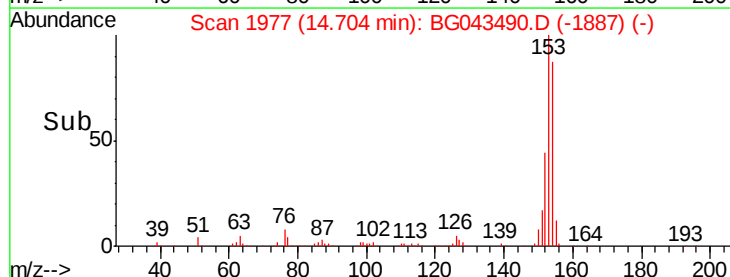
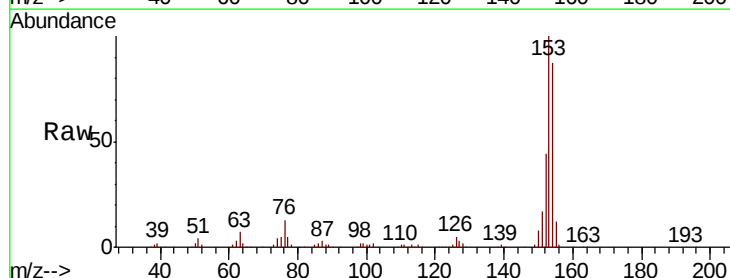
RT: 14.70 min Scan# 1977

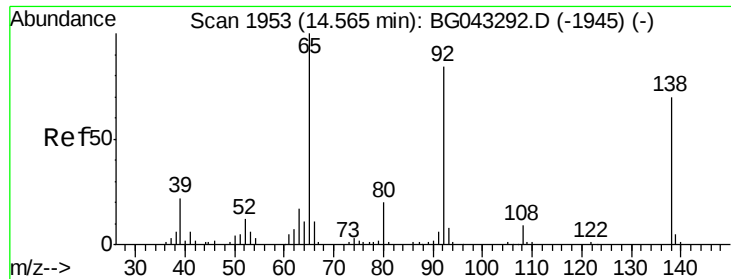
Delta R.T. -0.00 min

Lab File: BG043490.D

Acq: 4 Nov 2019 21:02

Tgt Ion:	154	Resp:	188688
Ion Ratio	Lower	Upper	
154	100		
153	115.1	88.2	132.2
152	50.6	40.0	60.0





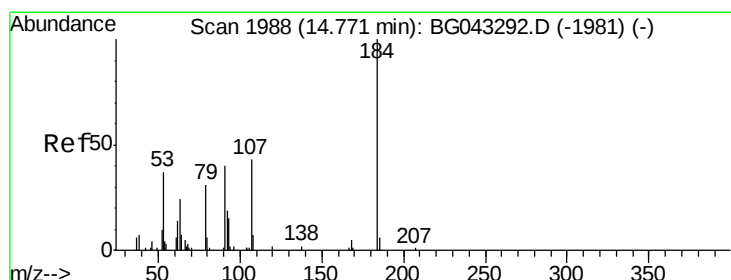
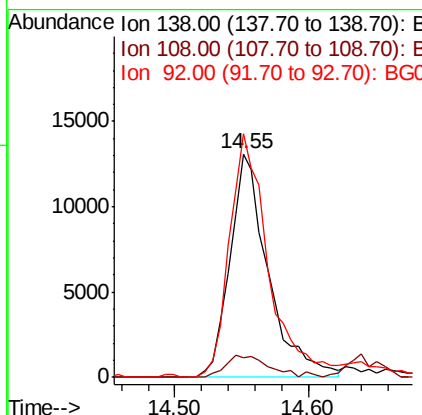
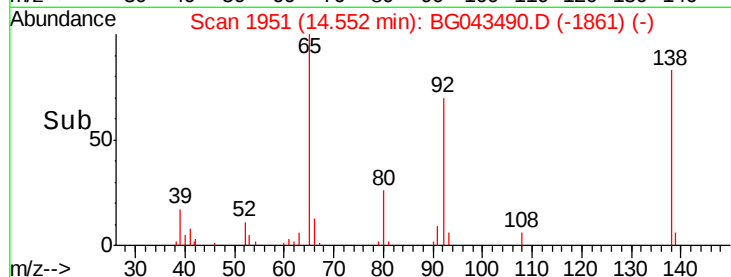
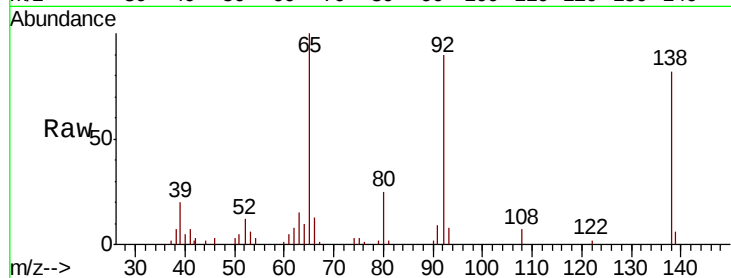
#53
3-Nitroaniline
Concen: 18.356 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG043490.D
Acq: 4 Nov 2019 21:02

Instrument :
BNA_G
ClientSampleId :
TP-30-SMSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	8.8	8.0	12.0
92	109.0	90.9	136.3

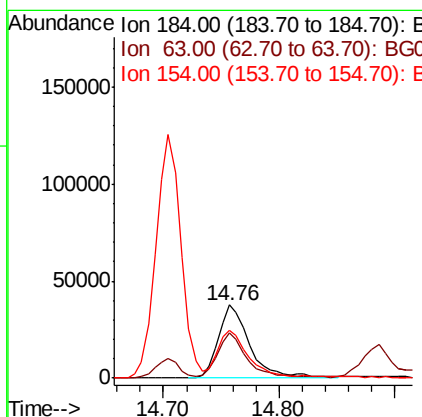
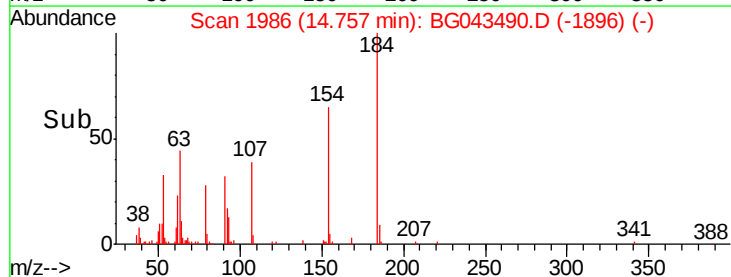
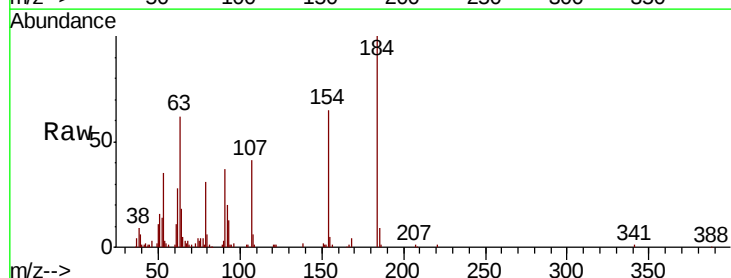
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#54
2,4-Dinitrophenol
Concen: 77.349 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BG043490.D
Acq: 4 Nov 2019 21:02

Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.8	51.3	76.9
154	65.4	55.4	83.0





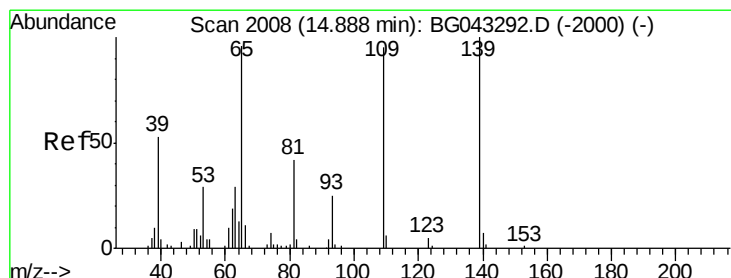
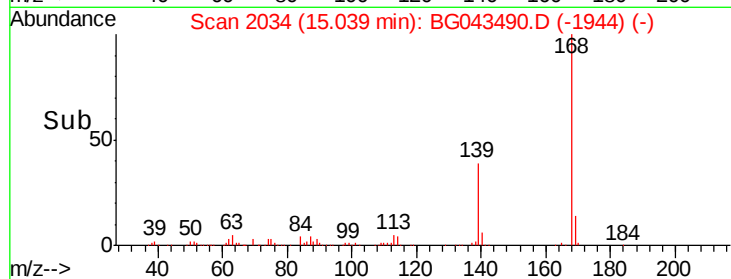
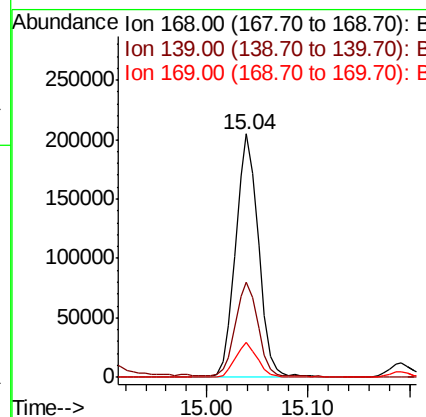
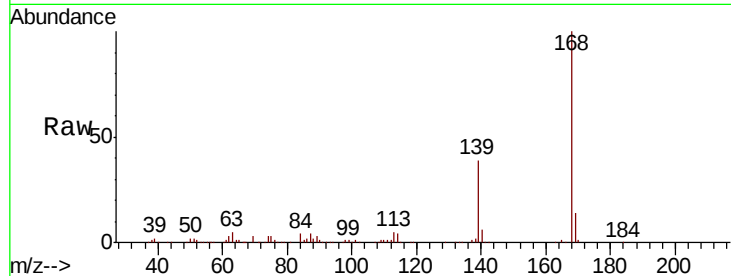
#55
Dibenzofuran
Concen: 40.905 ng
RT: 15.04 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BG043490.D
Acq: 4 Nov 2019 21:02

Instrument :
BNA_G
ClientSampled :
TP-30-SMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.1	31.0	46.6
169	14.3	11.7	17.5

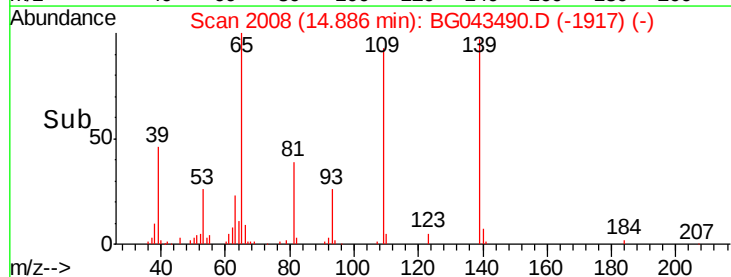
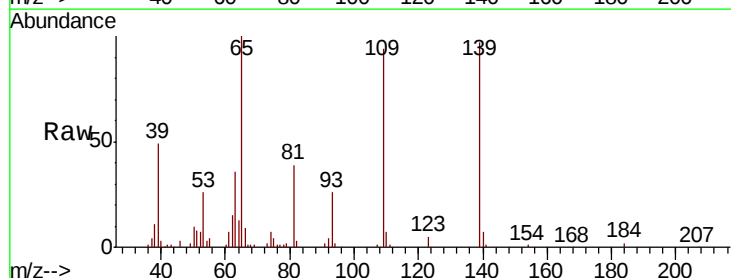
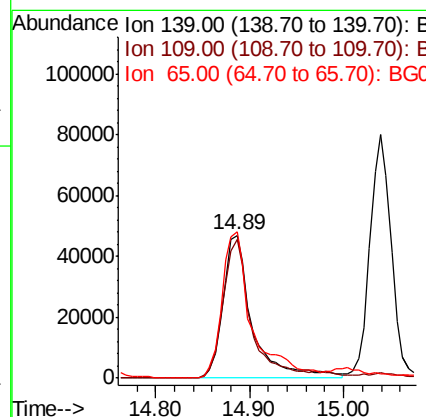
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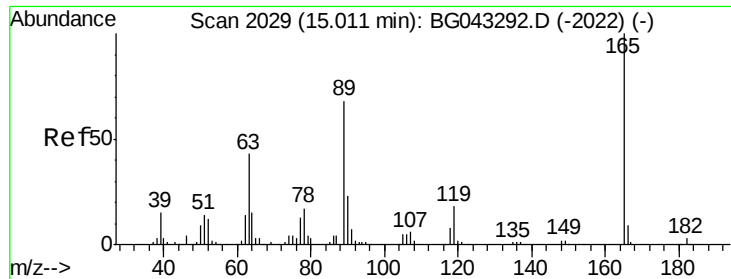
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#56
4-Nitrophenol
Concen: 106.486 ng
RT: 14.89 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BG043490.D
Acq: 4 Nov 2019 21:02

Tgt Ion	Ratio	Lower	Upper
139	100		
109	96.8	87.2	127.2
65	102.9	83.8	123.8





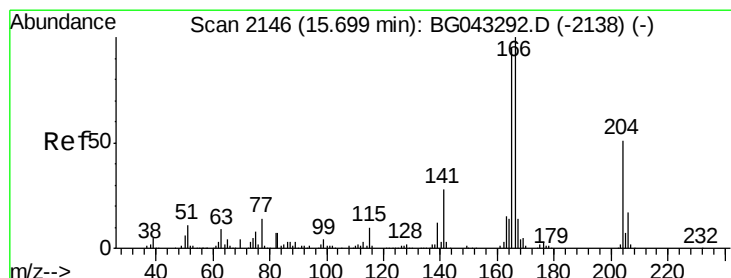
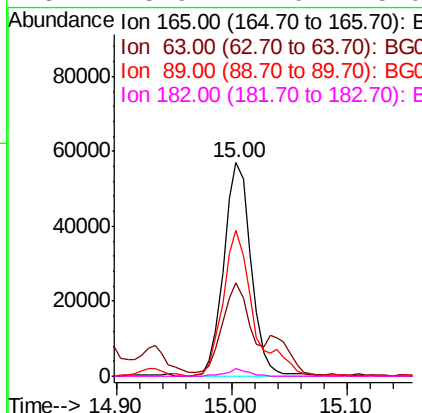
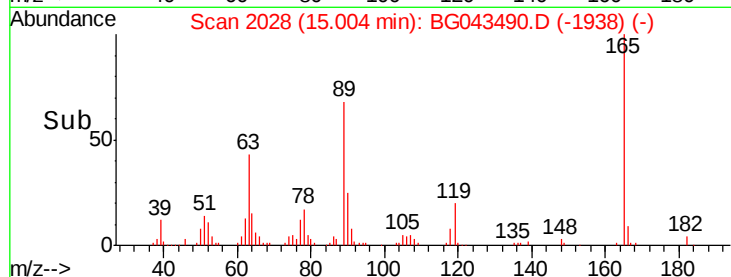
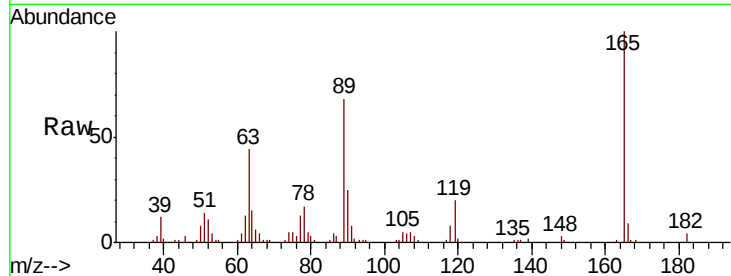
#57
2,4-Dinitrotoluene
Concen: 44.509 ng
RT: 15.00 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BG043490.D
Acq: 4 Nov 2019 21:02

Instrument :
BNA_G
ClientSampleId :
TP-30-SMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	93869		
63	43.8		33.2	49.8
89	68.1		52.2	78.4
182	3.9		2.0	3.0

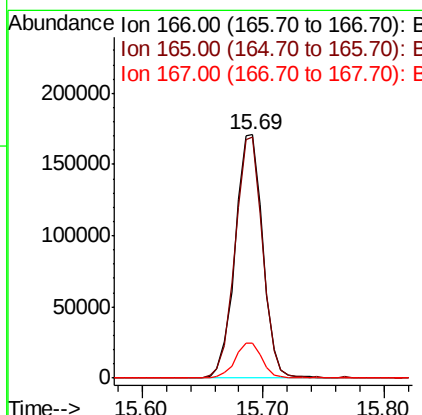
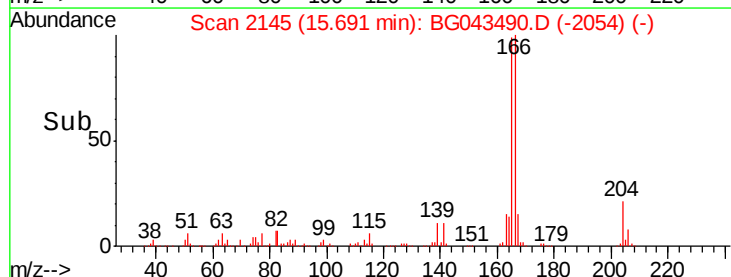
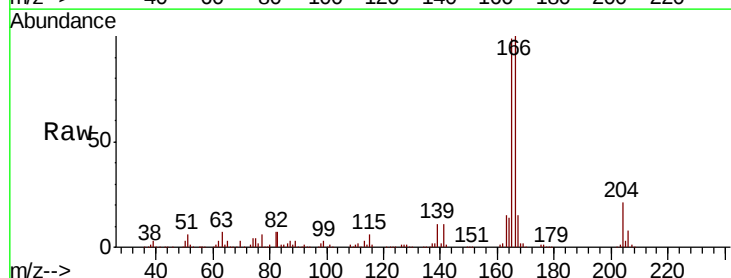
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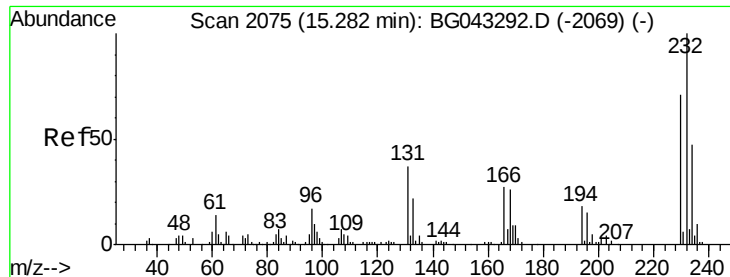
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#58
Fluorene
Concen: 41.584 ng
RT: 15.69 min Scan# 2145
Delta R.T. 0.00 min
Lab File: BG043490.D
Acq: 4 Nov 2019 21:02

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	272496		
165	99.3		79.0	118.6
167	14.6		10.5	15.7





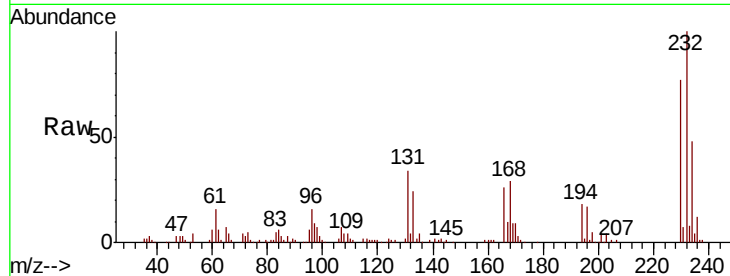
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.518 ng
 RT: 15.27 min Scan# 2074
 Delta R.T. -0.00 min
 Lab File: BG043490.D
 Acq: 4 Nov 2019 21:02

Instrument :
 BNA_G
 ClientSampleId :
 TP-30-SMSD

Tot Ion:	232	Resp:	91397
Ion Ratio	Lower	Upper	
232	100		
131	36.1	26.9	40.3
130	2.2	1.8	2.6
166	26.7	20.9	31.3

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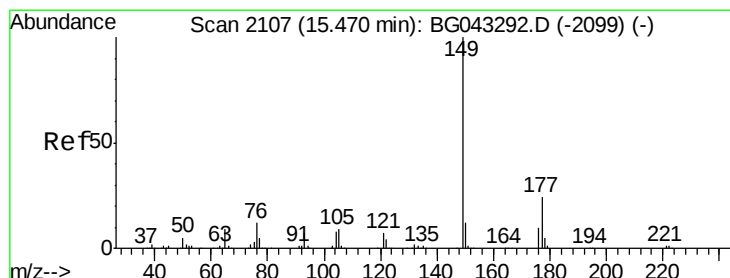
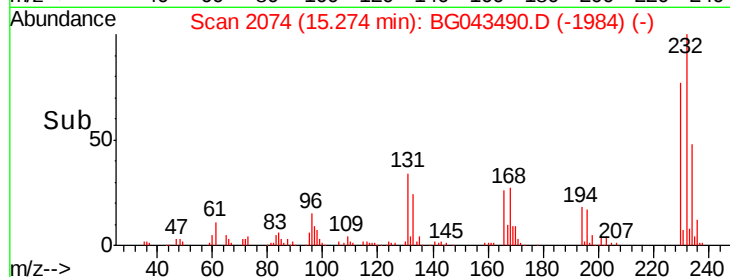
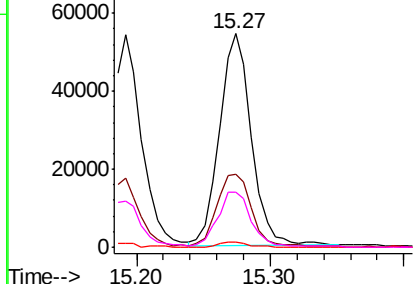
Abundance

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: 41.689 ng
 RT: 15.46 min Scan# 2105
 Delta R.T. 0.00 min
 Lab File: BG043490.D
 Acq: 4 Nov 2019 21:02

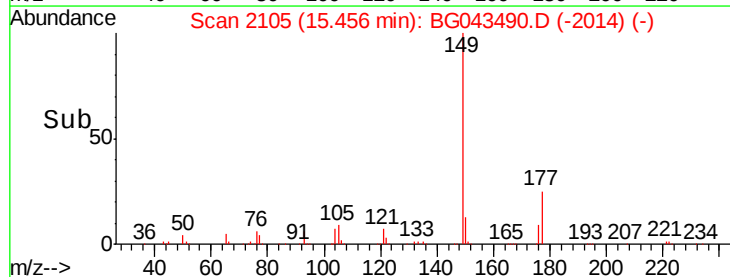
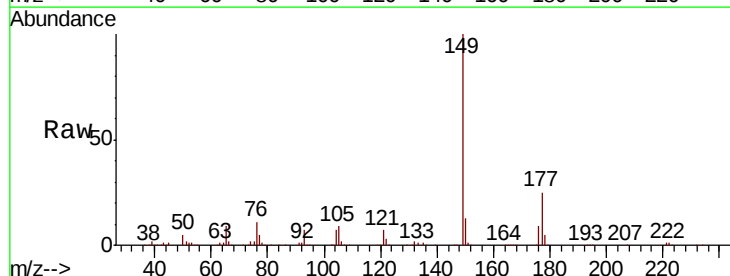
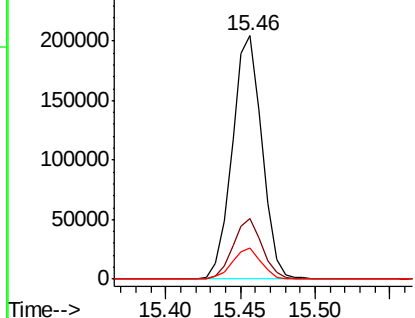
Tgt Ion:	149	Resp:	284544
Ion Ratio	Lower	Upper	
149	100		
177	24.7	19.6	29.4
150	12.8	10.8	16.2

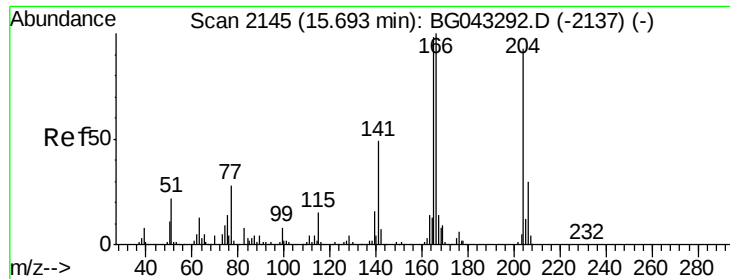
Abundance

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





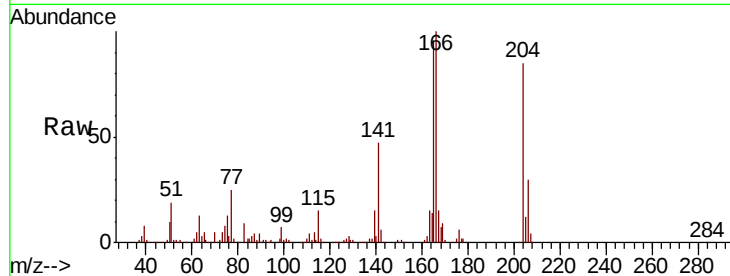
#61
4-Chlorophenyl-phenylether
Concen: 39.926 ng
RT: 15.68 min Scan# 2143
Delta R.T. -0.00 min
Lab File: BG043490.D
Acq: 4 Nov 2019 21:02

Instrument :
BNA_G
ClientSampleId :
TP-30-SMSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100	152631		
206	35.1	28.4	42.6	
141	55.3	43.0	64.6	

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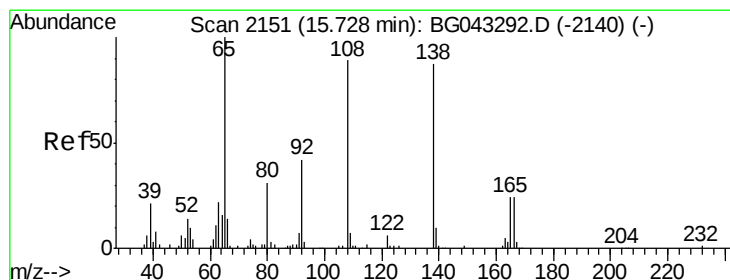
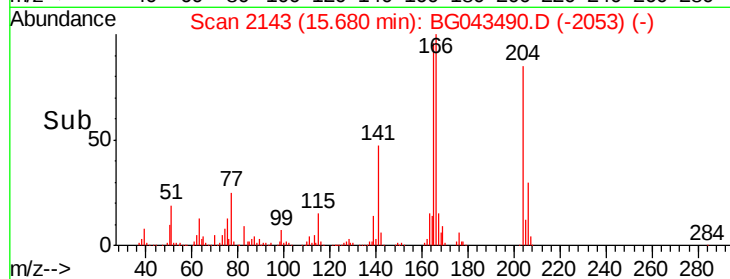
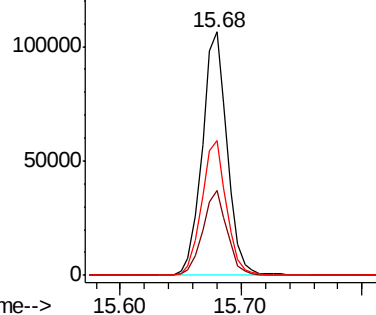


Abundance

Ion 204.00 (203.70 to 204.70): E

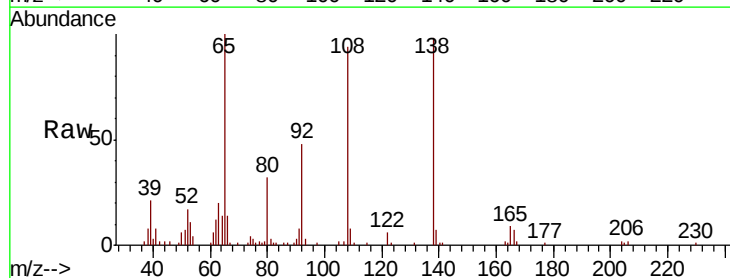
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 42.793 ng
RT: 15.72 min Scan# 2150
Delta R.T. 0.00 min
Lab File: BG043490.D
Acq: 4 Nov 2019 21:02

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	62967		
92	48.5	33.4	73.4	
108	96.1	78.0	118.0	

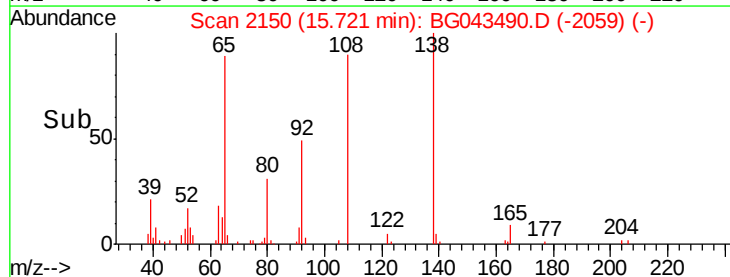
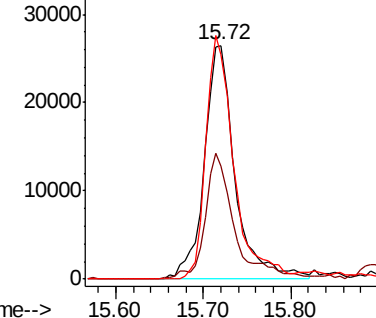


Abundance

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





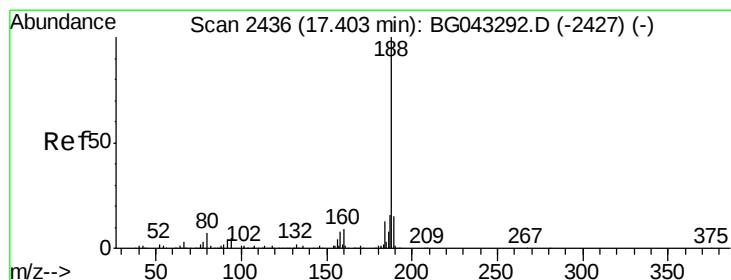
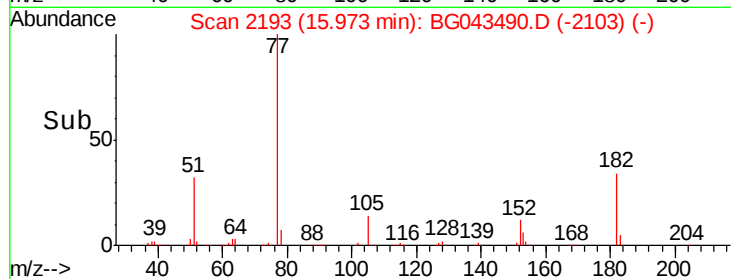
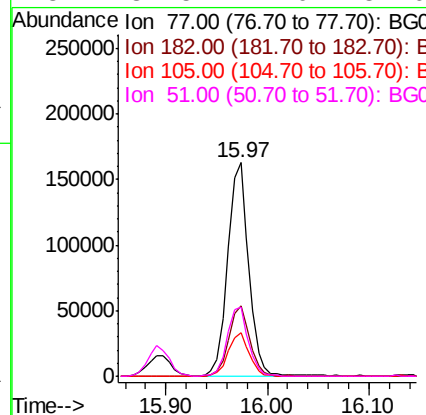
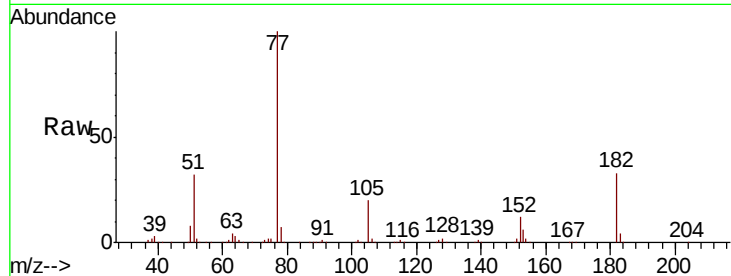
#63
Azobenzene
Concen: 42.196 ng
RT: 15.97 min Scan# 2193
Delta R.T. -0.00 min
Lab File: BG043490.D
Acq: 4 Nov 2019 21:02

Instrument :
BNA_G
ClientSampleId :
TP-30-SMSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	33.1	13.7	53.7
105	20.1	0.4	40.4
51	32.5	11.0	51.0

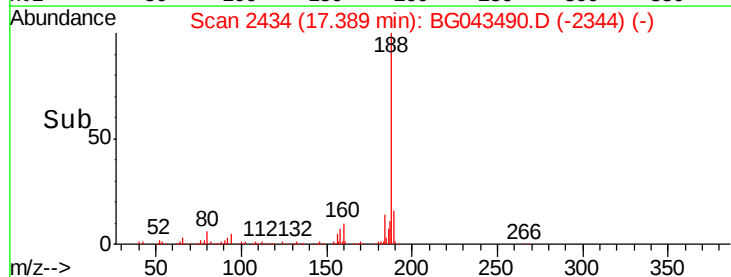
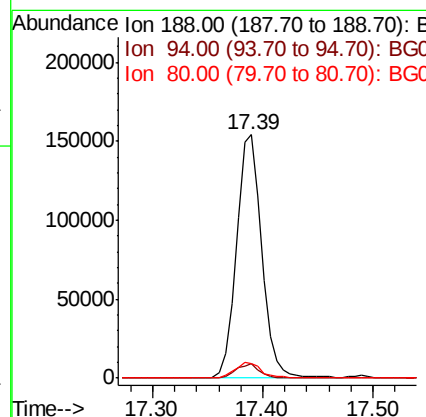
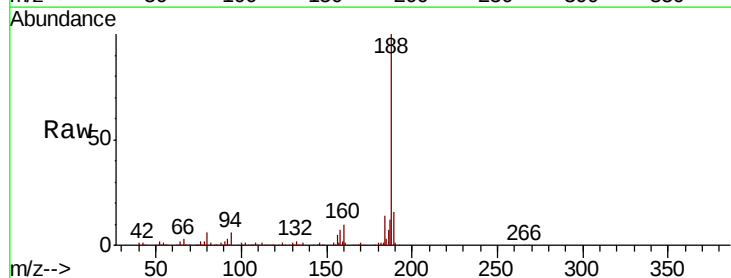
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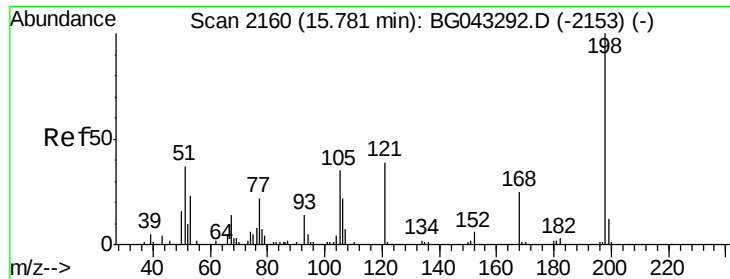
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2434
Delta R.T. -0.00 min
Lab File: BG043490.D
Acq: 4 Nov 2019 21:02

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.7	4.2	6.4
80	5.8	4.5	6.7





#65

4,6-Dinitro-2-methylphenol

Concen: 40.136 ng

RT: 15.77 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BG043490.D

Acq: 4 Nov 2019 21:02

Instrument :

BNA_G

ClientSampleId :

TP-30-SMSD

Tot Ion:198 Resp: 58542

Ion Ratio Lower Upper

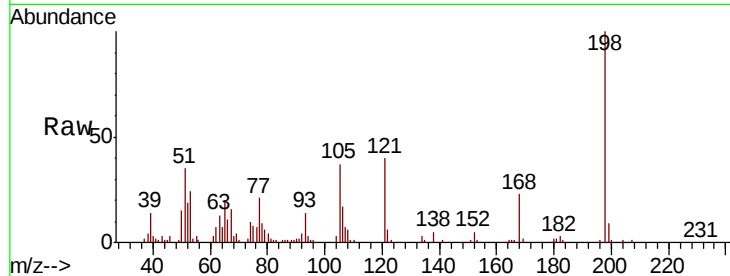
198 100

51 35.0 13.2 53.2

105 36.7 15.8 55.8

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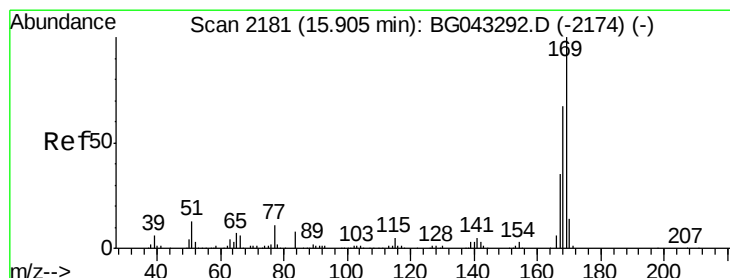
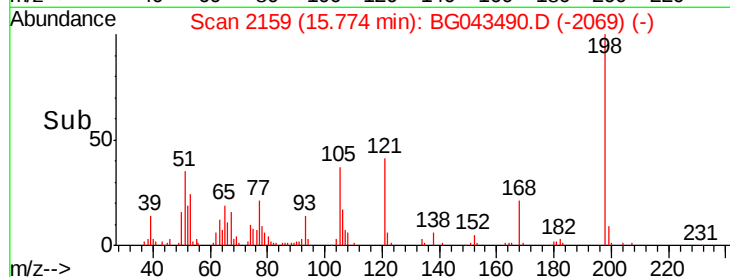
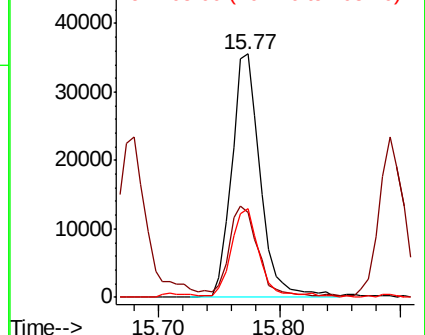
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 36.463 ng

RT: 15.90 min Scan# 2180

Delta R.T. 0.00 min

Lab File: BG043490.D

Acq: 4 Nov 2019 21:02

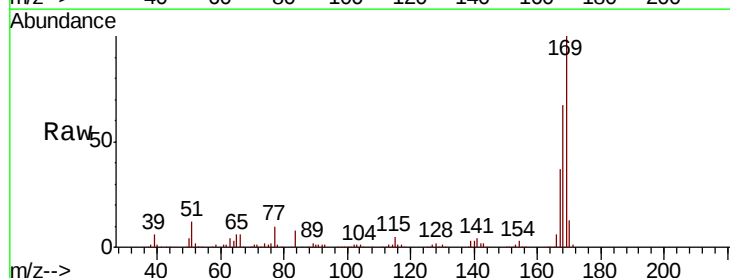
Tgt Ion:169 Resp: 255151

Ion Ratio Lower Upper

169 100

168 66.6 53.8 80.6

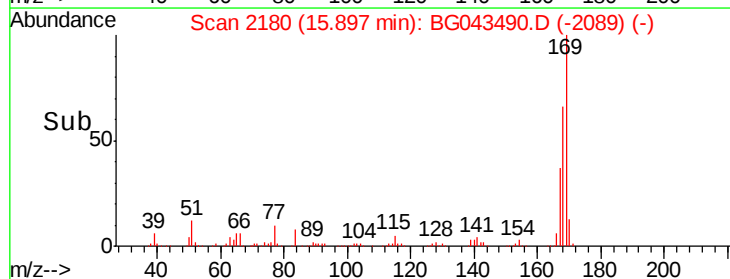
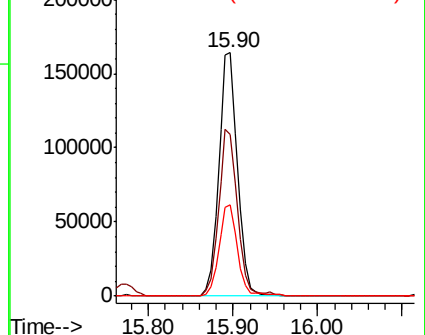
167 37.3 27.5 41.3

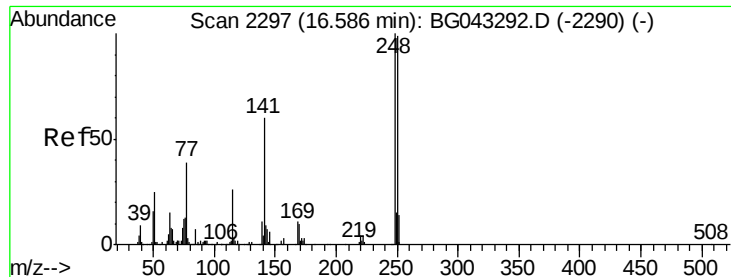


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 34.519 ng

RT: 16.57 min Scan# 2295

Delta R.T. -0.00 min

Lab File: BG043490.D

Acq: 4 Nov 2019 21:02

Instrument :

BNA_G

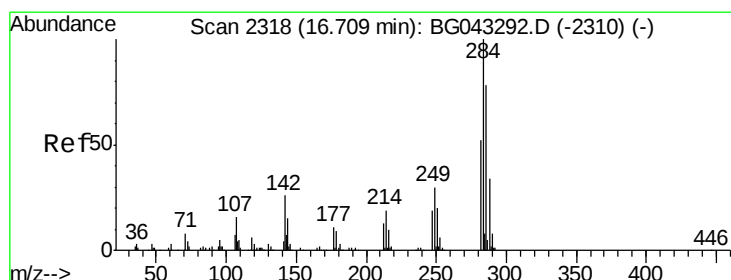
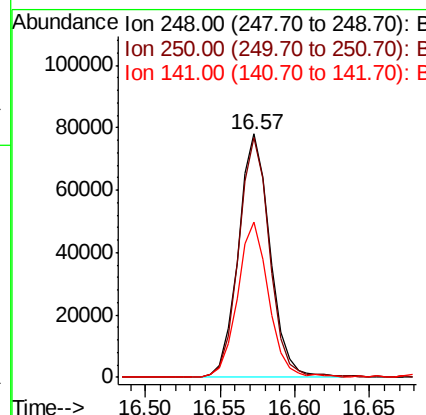
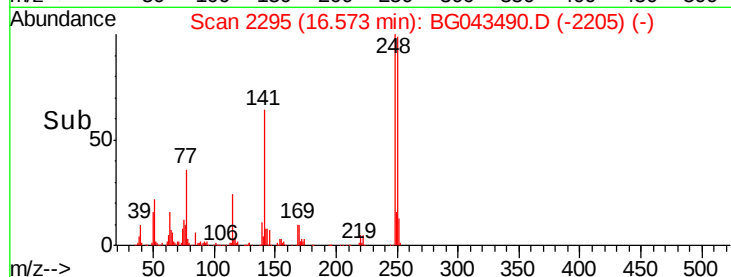
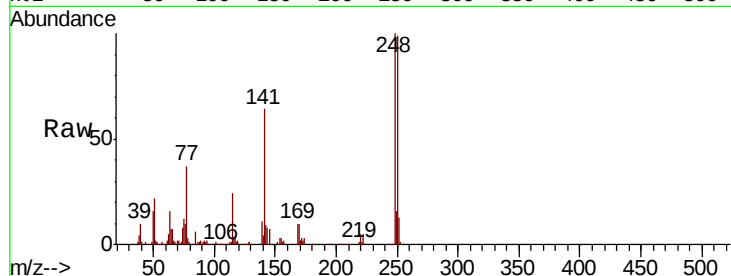
ClientSampleId :

TP-30-SMSD

Tot Ion:	248	Resp:	115139
Ion Ratio	Lower	Upper	
248	100		
250	98.6	77.0	115.4
141	63.8	47.5	71.3

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#68

Hexachlorobenzene

Concen: 34.418 ng

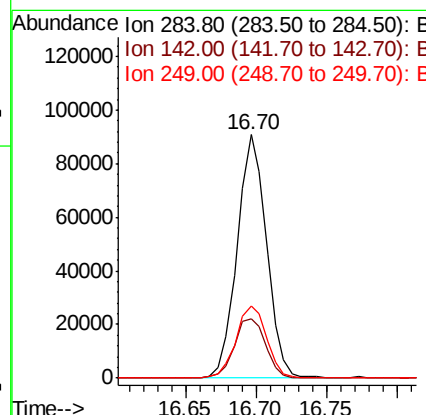
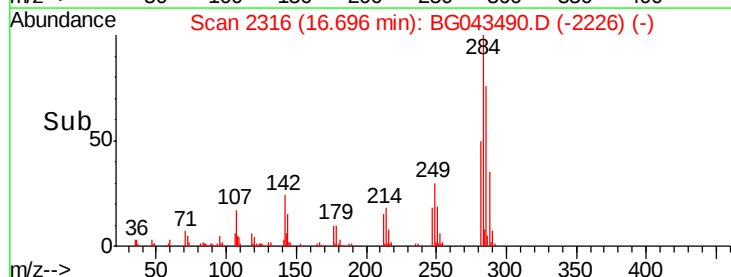
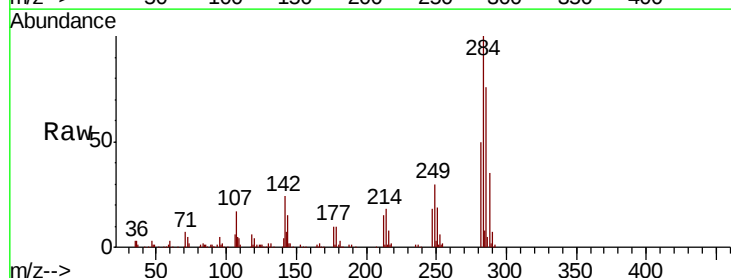
RT: 16.70 min Scan# 2316

Delta R.T. -0.00 min

Lab File: BG043490.D

Acq: 4 Nov 2019 21:02

Tgt Ion:	284	Resp:	131779
Ion Ratio	Lower	Upper	
284	100		
142	24.4	19.8	29.8
249	29.7	23.8	35.6





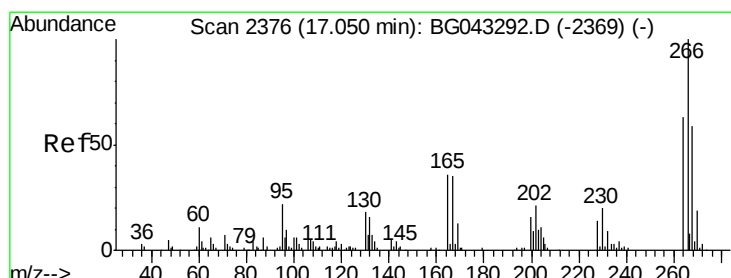
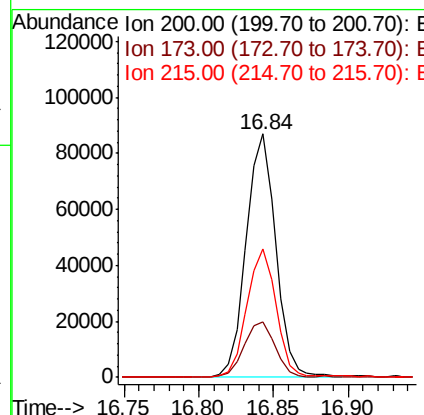
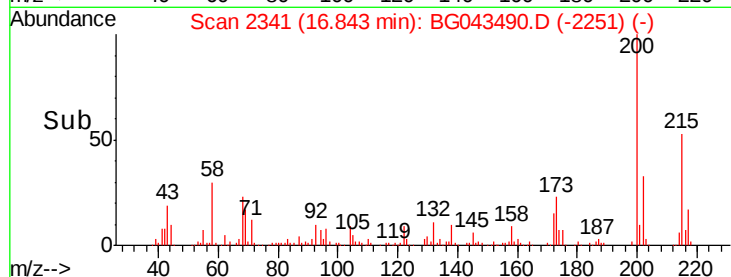
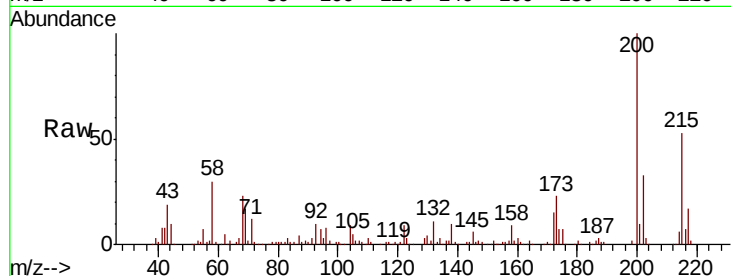
#69
 Atrazine
 Concen: 49.253 ng
 RT: 16.84 min Scan# 2341
 Delta R.T. -0.00 min
 Lab File: BG043490.D
 Acq: 4 Nov 2019 21:02

Instrument :
 BNA_G
 ClientSampleId :
 TP-30-SMSD

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	23.0	4.7	44.7
215	52.5	28.5	68.5

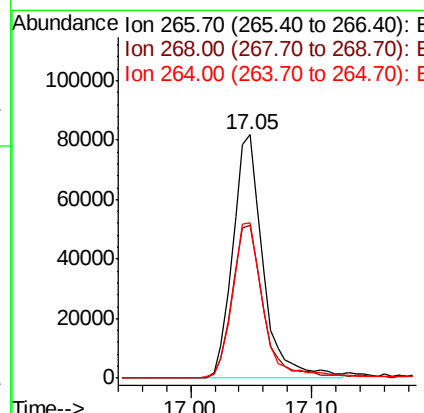
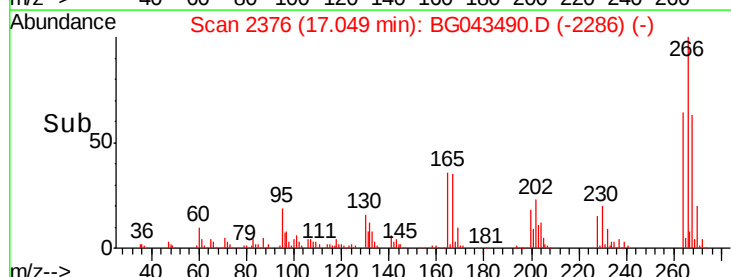
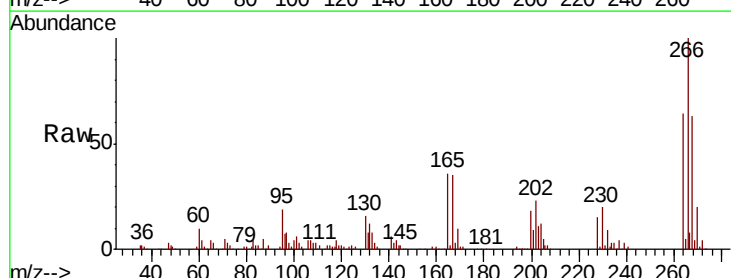
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#70
 Pentachlorophenol
 Concen: 81.962 ng
 RT: 17.05 min Scan# 2376
 Delta R.T. -0.00 min
 Lab File: BG043490.D
 Acq: 4 Nov 2019 21:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	62.8	50.4	75.6
264	64.0	48.9	73.3





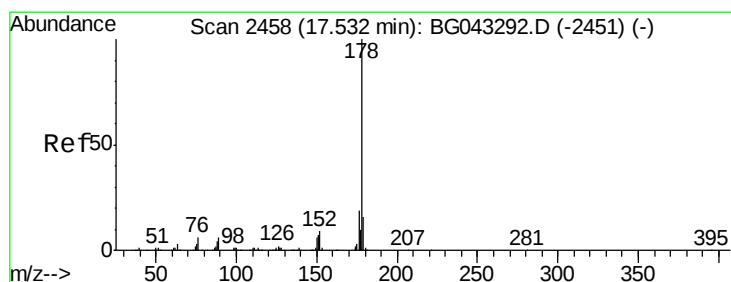
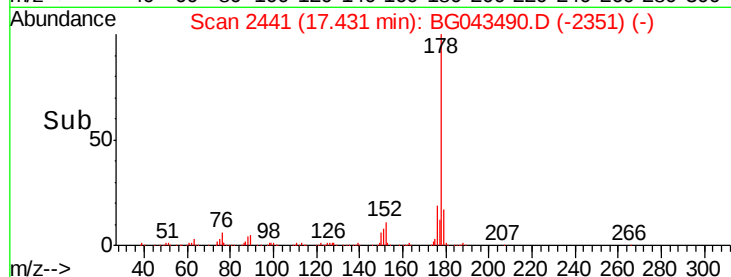
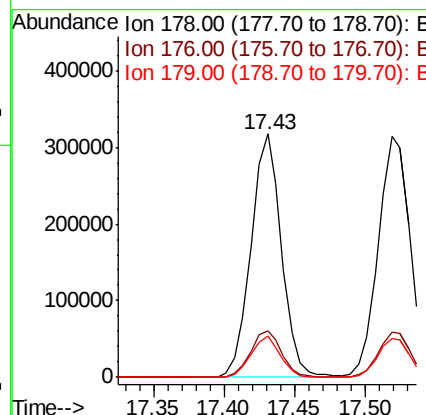
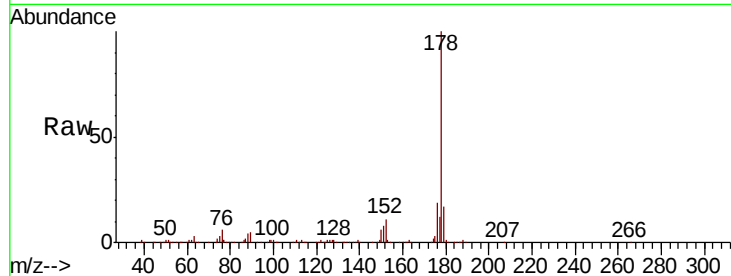
#71
Phenanthrene
Concen: 37.978 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG043490.D
Acq: 4 Nov 2019 21:02

Instrument :
BNA_G
ClientSampleId :
TP-30-SMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.0
179	17.2	13.0	19.6

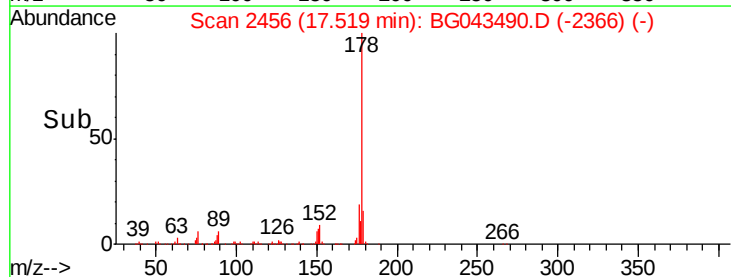
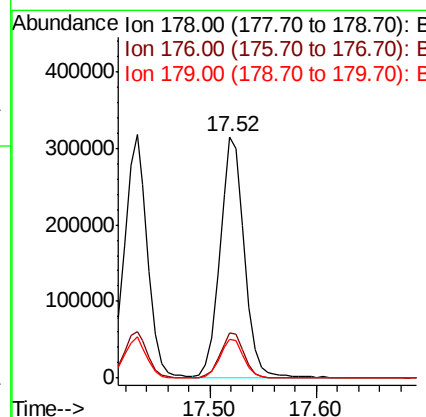
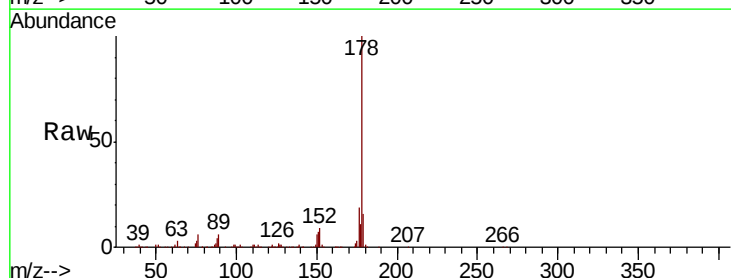
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#72
Anthracene
Concen: 39.629 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.00 min
Lab File: BG043490.D
Acq: 4 Nov 2019 21:02

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.5	23.3
179	16.2	13.7	20.5





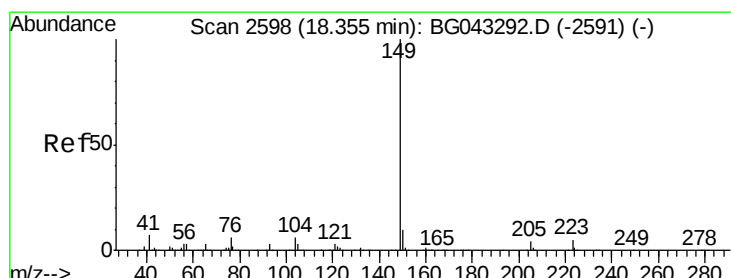
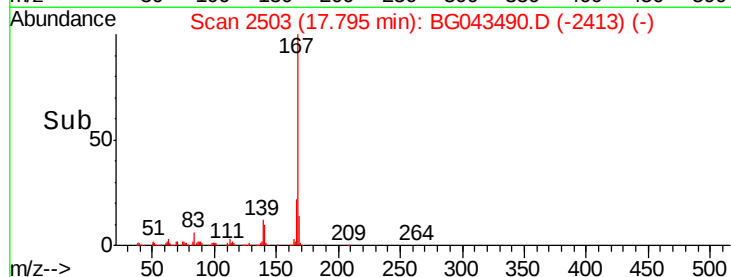
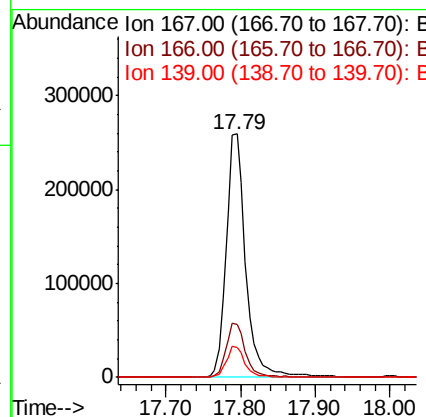
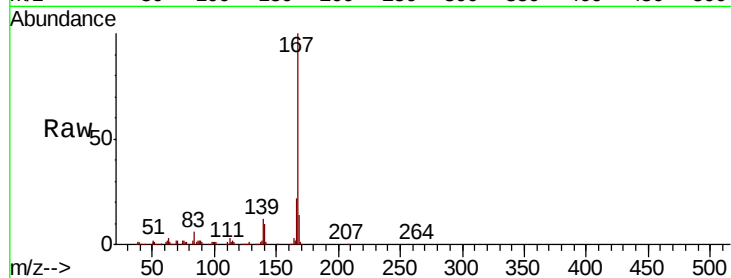
#73
 Carbazole
 Concen: 41.226 ng
 RT: 17.79 min Scan# 2503
 Delta R.T. -0.00 min
 Lab File: BG043490.D
 Acq: 4 Nov 2019 21:02

Instrument :
 BNA_G
 ClientSampleId :
 TP-30-SMSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	18.7	28.1
139	12.3	10.0	15.0

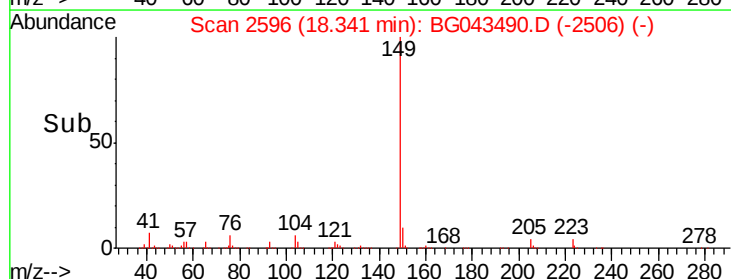
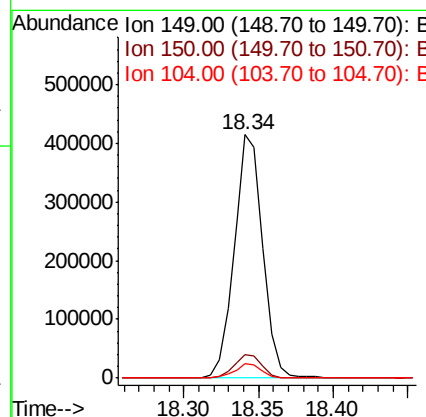
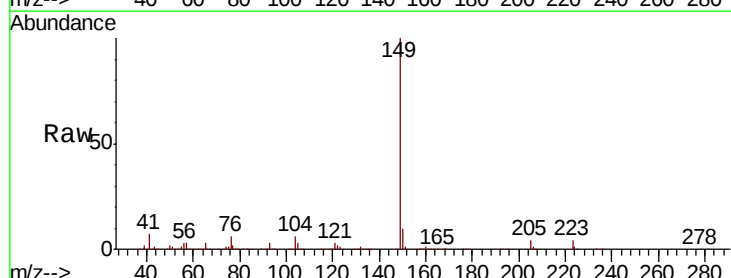
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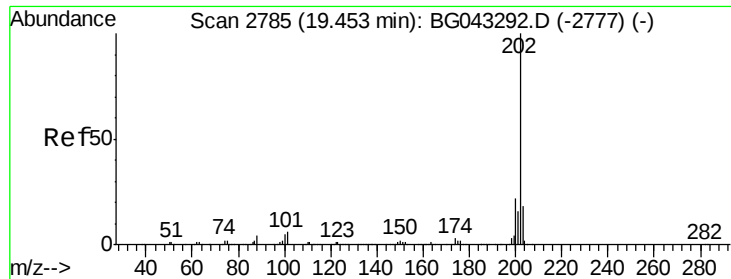
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#74
 Di-n-butylphthalate
 Concen: 39.571 ng
 RT: 18.34 min Scan# 2596
 Delta R.T. -0.00 min
 Lab File: BG043490.D
 Acq: 4 Nov 2019 21:02

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	8.0	12.0
104	5.9	4.4	6.6





#75

Fluoranthene

Concen: 41.033 ng

RT: 19.44 min Scan# 2783

Delta R.T. -0.00 min

Lab File: BG043490.D

Acq: 4 Nov 2019 21:02

Instrument :

BNA_G

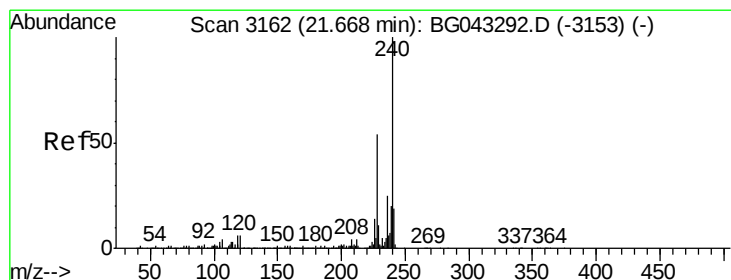
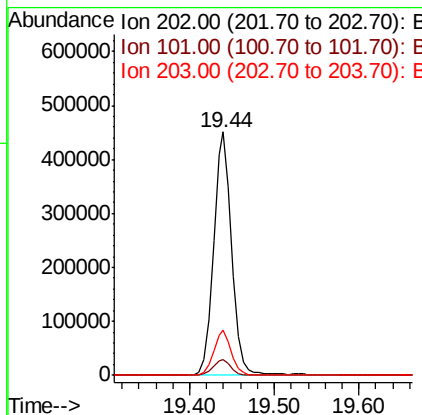
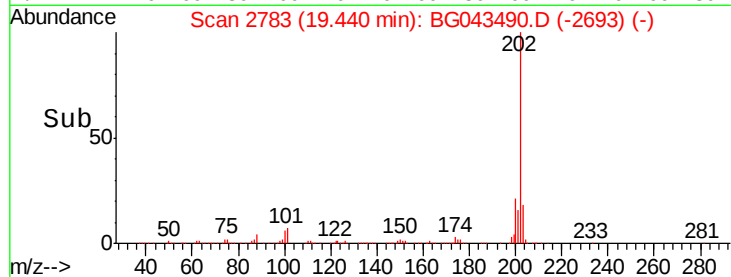
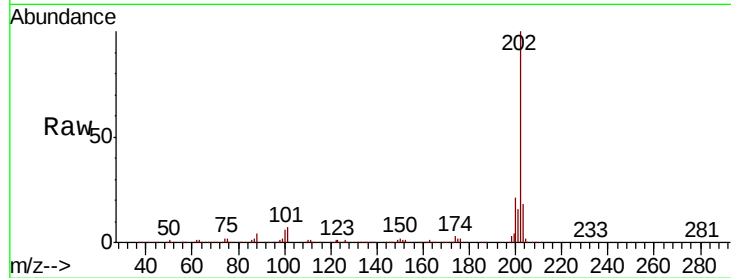
ClientSampleId :

TP-30-SMSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	678937		
101	6.6	0.0	26.3	
203	18.4	0.0	37.9	

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#76

Chrysene-d12

Concen: 20.000 ng

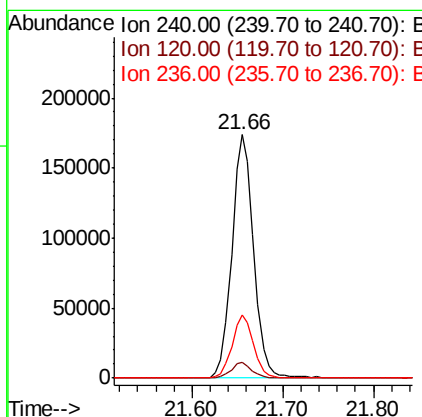
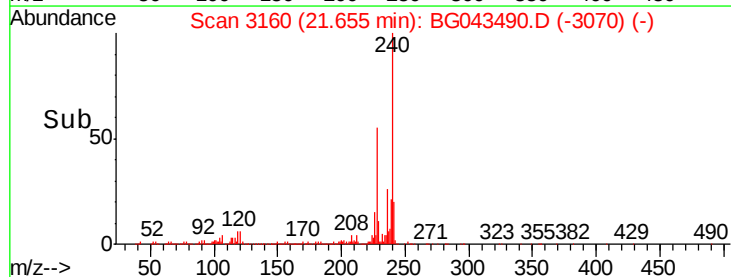
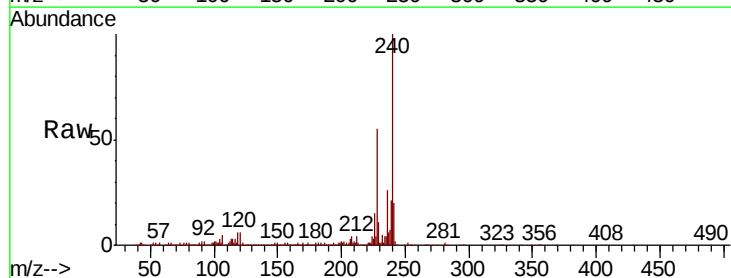
RT: 21.66 min Scan# 3160

Delta R.T. -0.00 min

Lab File: BG043490.D

Acq: 4 Nov 2019 21:02

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	290080		
120	6.5	4.6	6.8	
236	25.8	19.8	29.8	





#77

Benzidine

Concen: 46.884 ng

RT: 19.62 min Scan# 2814

Delta R.T. -0.00 min

Lab File: BG043490.D

Acq: 4 Nov 2019 21:02

Instrument :

BNA_G

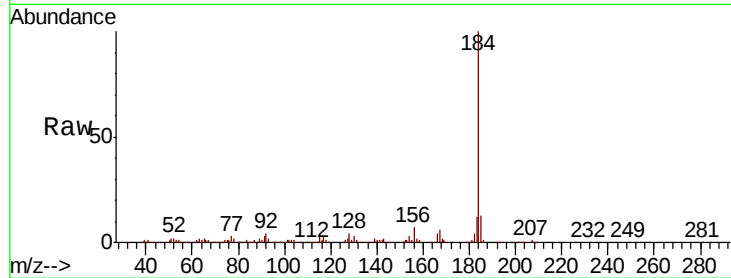
ClientSampleId :

TP-30-SMSD

Tot Ion:	184	Resp:	273707
Ion Ratio	Lower	Upper	
184	100		
185	13.4	11.0	16.4
183	12.3	10.0	15.0

Manual Integrations
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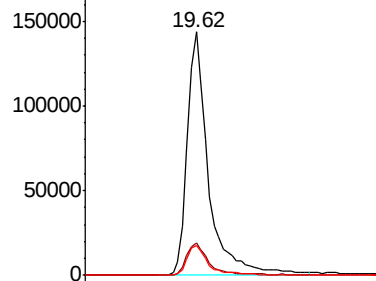


Abundance

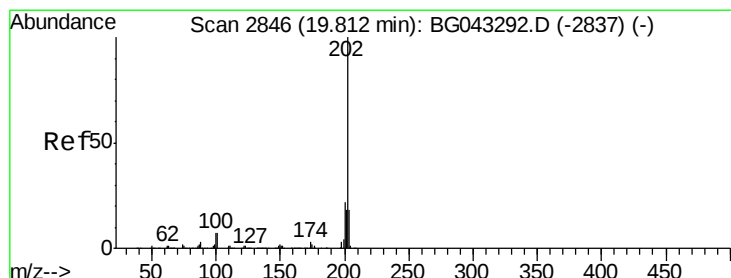
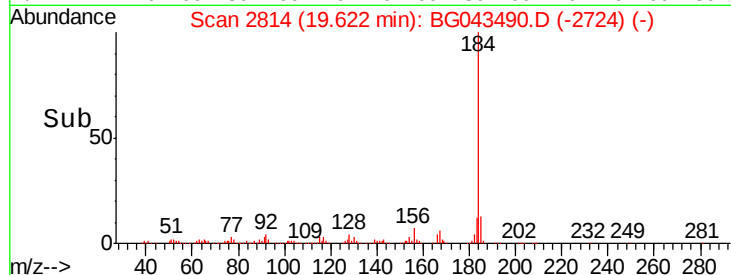
Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 38.087 ng

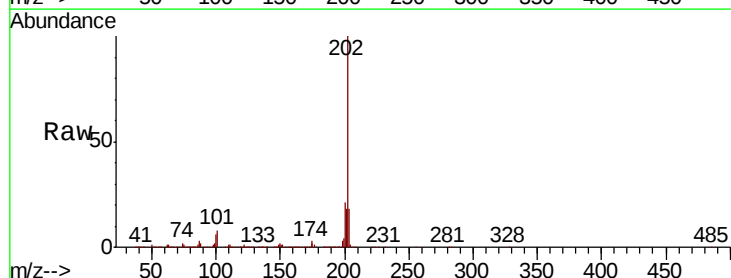
RT: 19.80 min Scan# 2845

Delta R.T. 0.00 min

Lab File: BG043490.D

Acq: 4 Nov 2019 21:02

Tgt Ion:	202	Resp:	683876
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.0	25.4
203	18.3	14.7	22.1

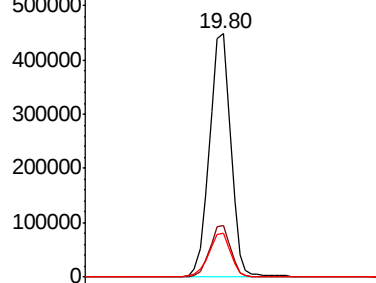


Abundance

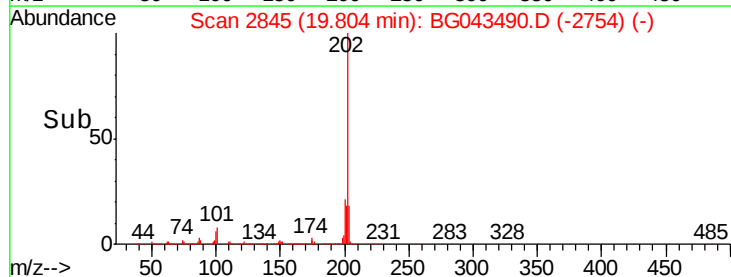
Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





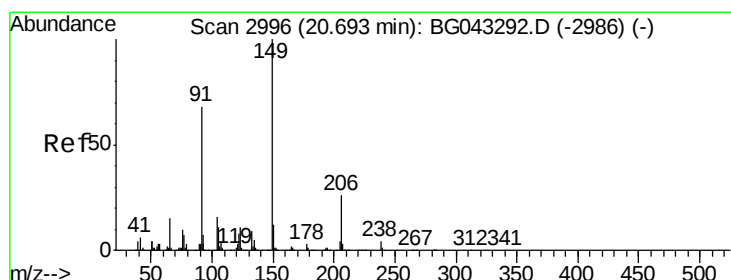
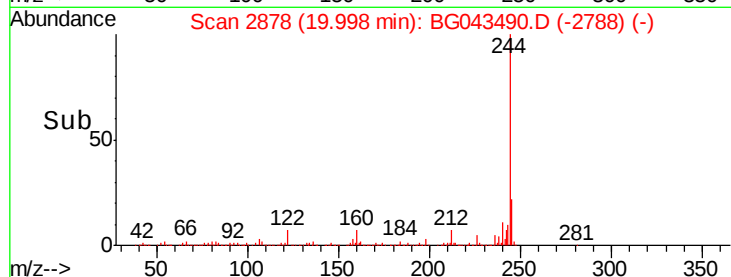
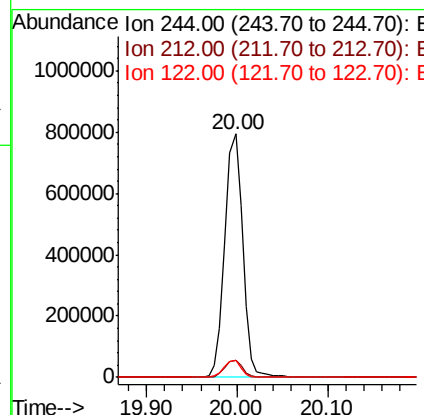
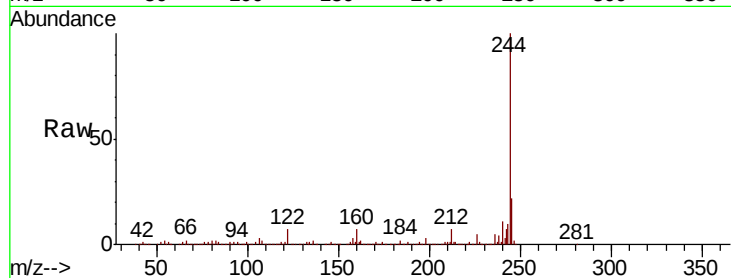
#79
 Terphenyl-d14
 Concen: 70.371 ng
 RT: 20.00 min Scan# 2878
 Delta R.T. -0.00 min
 Lab File: BG043490.D
 Acq: 4 Nov 2019 21:02

Instrument :
 BNA_G
 ClientSampleId :
 TP-30-SMSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	7.0	5.4	8.2

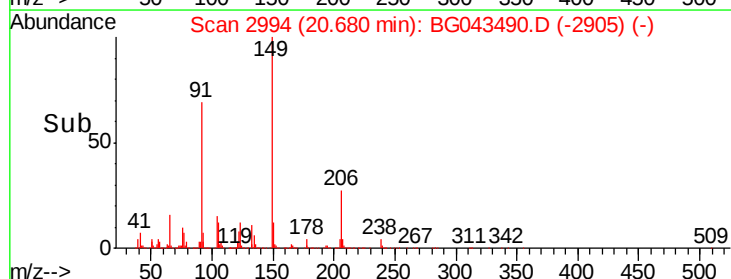
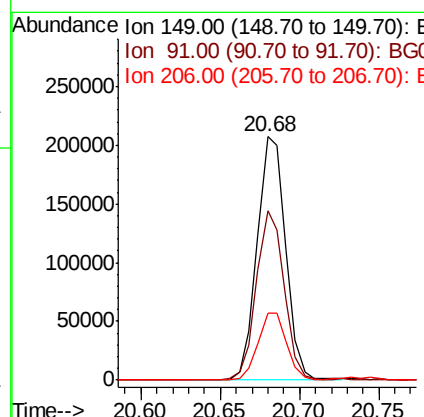
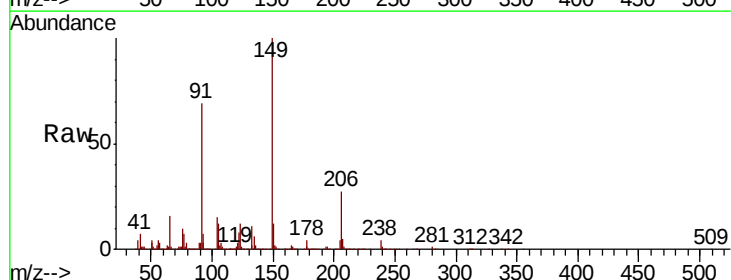
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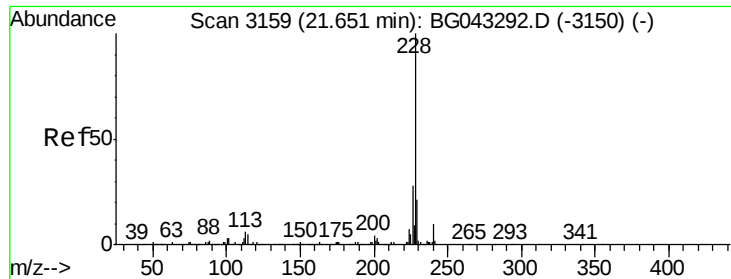
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#80
 Butylbenzylphthalate
 Concen: 38.221 ng
 RT: 20.68 min Scan# 2994
 Delta R.T. -0.01 min
 Lab File: BG043490.D
 Acq: 4 Nov 2019 21:02

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.4	51.2	76.8
206	27.3	22.5	33.7





#81

Benzo(a)anthracene

Concen: 39.956 ng

RT: 21.64 min Scan# 3157

Delta R.T. -0.00 min

Lab File: BG043490.D

Acq: 4 Nov 2019 21:02

Instrument :

BNA_G

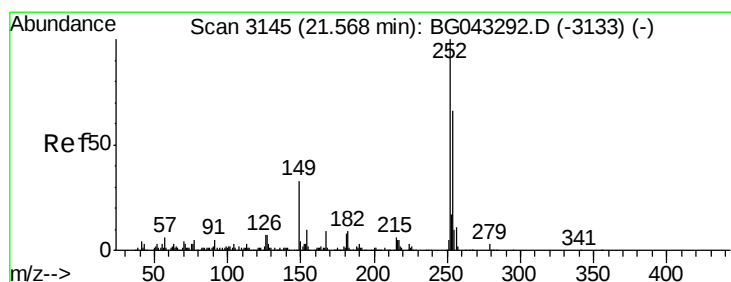
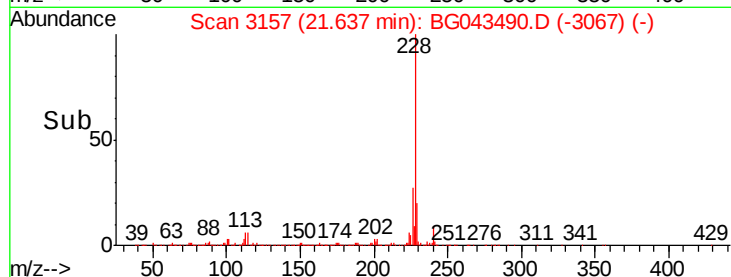
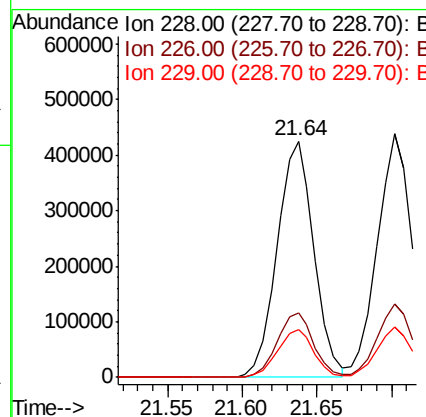
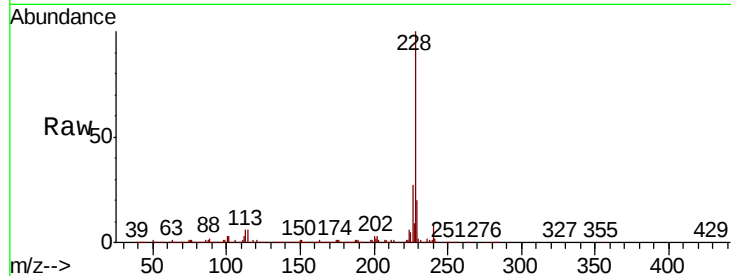
ClientSampleId :

TP-30-SMSD

Tot Ion:	228	Resp:	726008
Ion Ratio	Lower	Upper	
228	100		
226	27.2	22.2	33.2
229	20.2	17.0	25.4

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#82

3,3'-Dichlorobenzidine

Concen: 19.843 ng

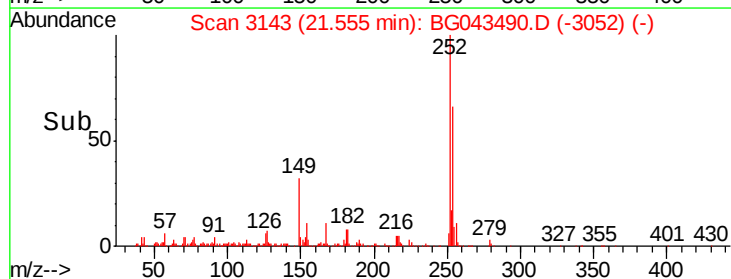
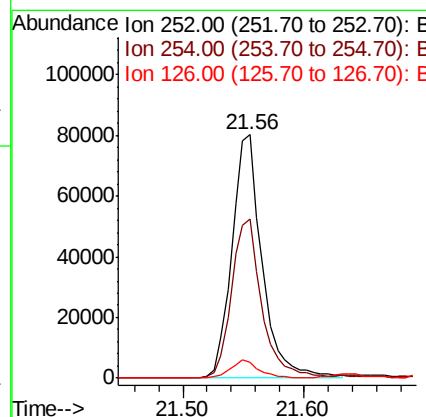
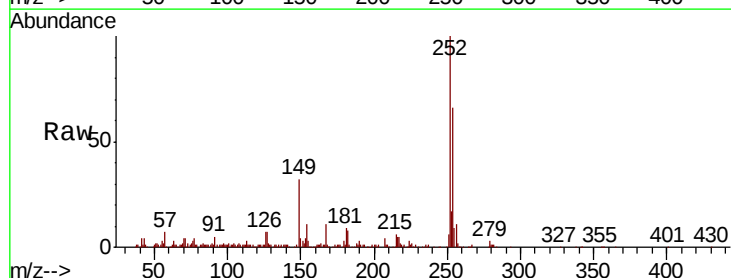
RT: 21.56 min Scan# 3143

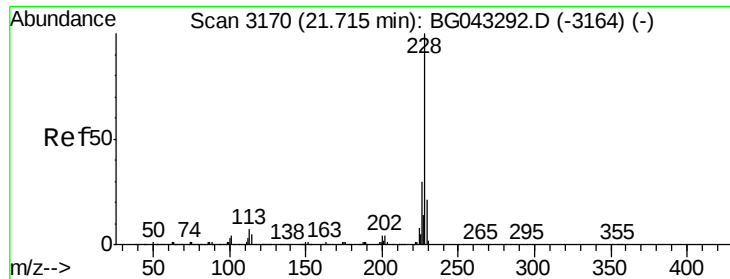
Delta R.T. 0.00 min

Lab File: BG043490.D

Acq: 4 Nov 2019 21:02

Tgt Ion:	252	Resp:	139454
Ion Ratio	Lower	Upper	
252	100		
254	65.5	50.8	76.2
126	6.6	6.1	9.1





#83

Chrysene

Concen: 39.224 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BG043490.D

Acq: 4 Nov 2019 21:02

Instrument :

BNA_G

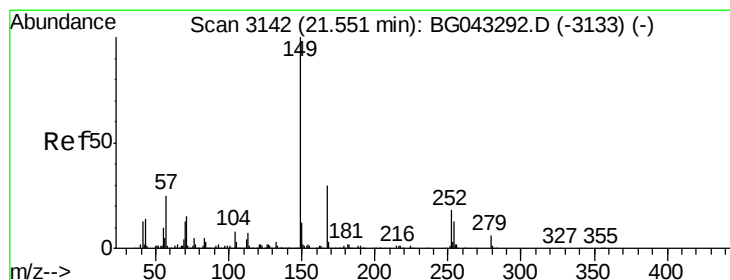
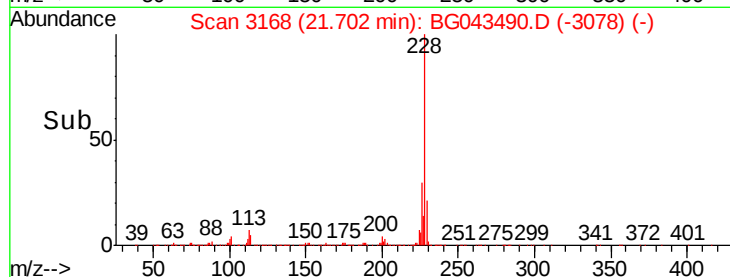
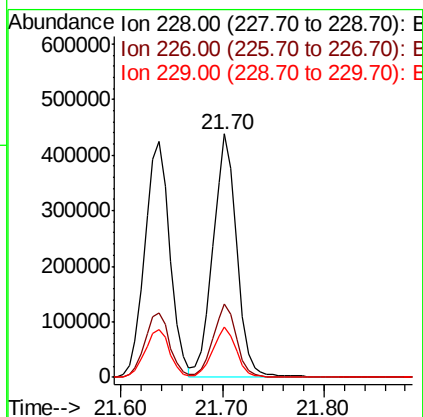
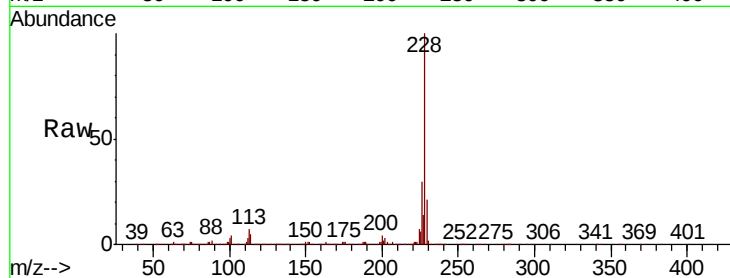
ClientSampleId :

TP-30-SMSD

Tot Ion:	228	Resp:	708143
Ion Ratio	Lower	Upper	
228	100		
226	29.9	25.1	37.7
229	20.6	17.0	25.4

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#84

Bis(2-ethylhexyl)phthalate

Concen: 39.606 ng

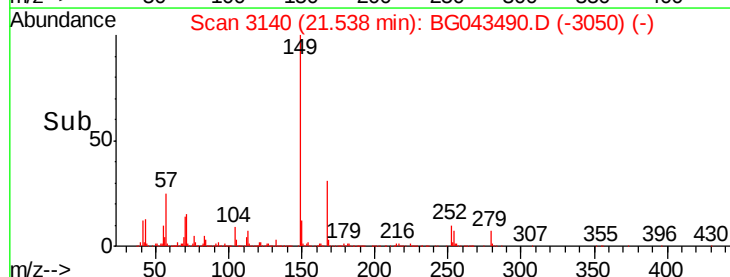
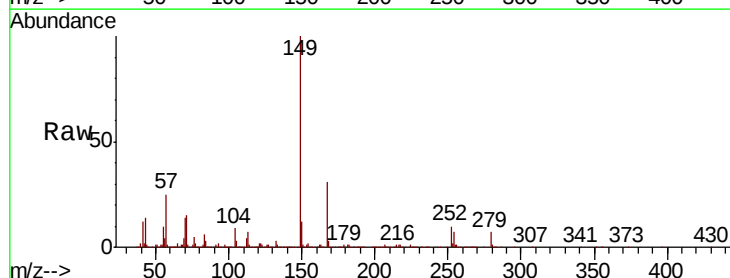
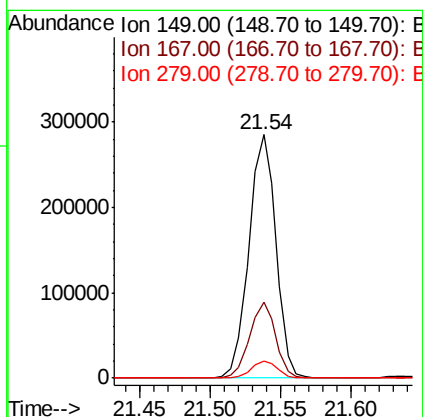
RT: 21.54 min Scan# 3140

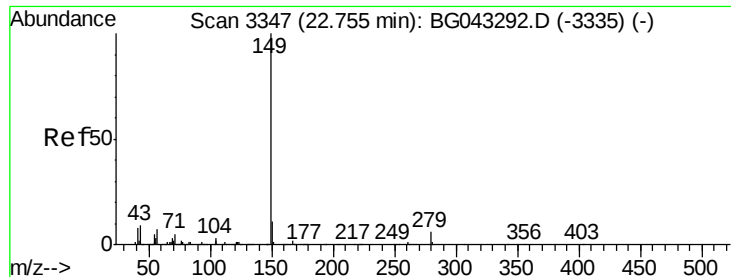
Delta R.T. -0.00 min

Lab File: BG043490.D

Acq: 4 Nov 2019 21:02

Tgt Ion:	149	Resp:	382721
Ion Ratio	Lower	Upper	
149	100		
167	31.2	24.0	36.0
279	6.8	5.4	8.2





#85

Di-n-octyl phthalate

Concen: 41.252 ng

RT: 22.74 min Scan# 3344

Delta R.T. -0.00 min

Lab File: BG043490.D

Acq: 4 Nov 2019 21:02

Instrument :

BNA_G

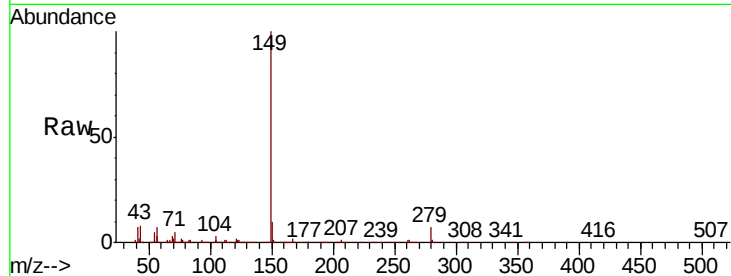
ClientSampleId :

TP-30-SMSD

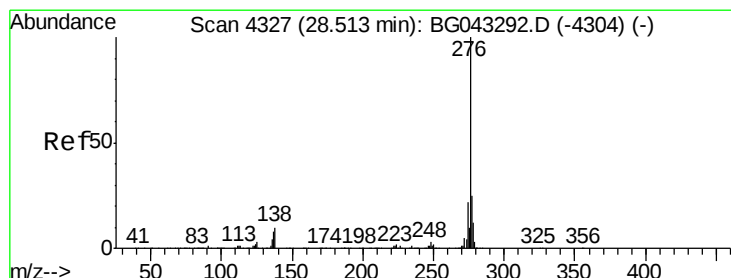
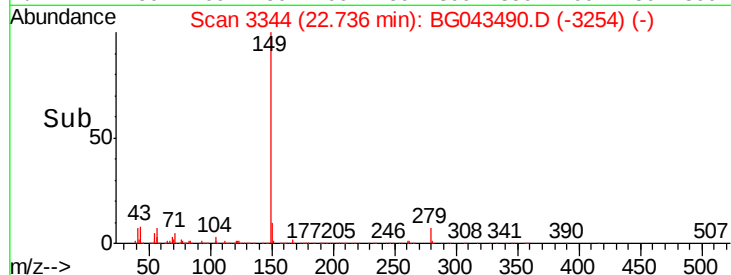
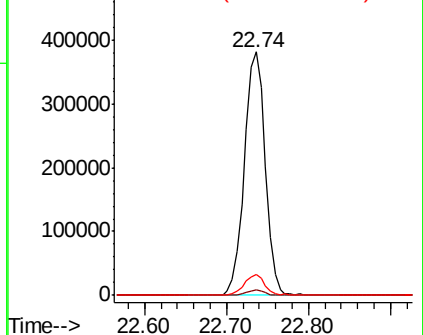
Tot Ion:	149	Resp:	676300
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.4	2.2
43	8.2	7.0	10.6

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.327 ng

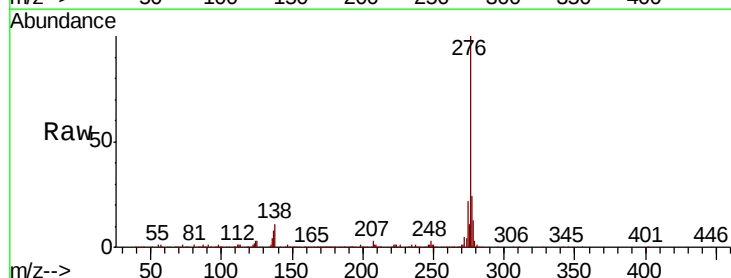
RT: 28.49 min Scan# 4323

Delta R.T. -0.01 min

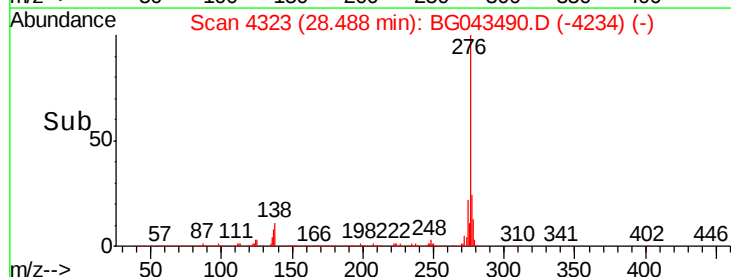
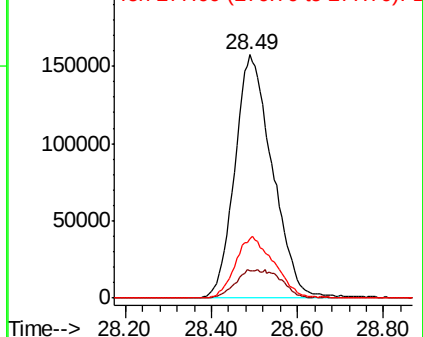
Lab File: BG043490.D

Acq: 4 Nov 2019 21:02

Tgt Ion:	276	Resp:	959202
Ion Ratio	Lower	Upper	
276	100		
138	8.0	6.8	10.2
277	26.1	20.9	31.3



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3704

Delta R.T. -0.00 min

Lab File: BG043490.D

Acq: 4 Nov 2019 21:02

Instrument :

BNA_G

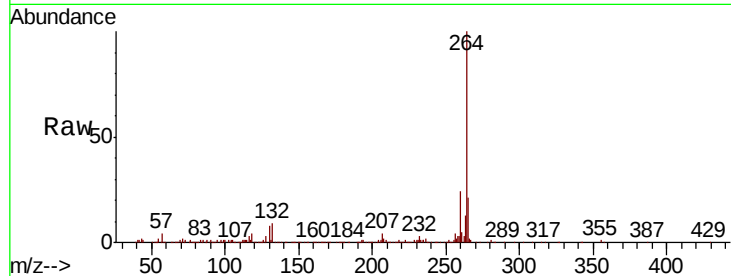
ClientSampleId :

TP-30-SMSD

Tot Ion:	264	Resp:	347849
Ion Ratio	Lower	Upper	
264	100		
260	23.6	17.5	26.3
265	21.3	17.4	26.0

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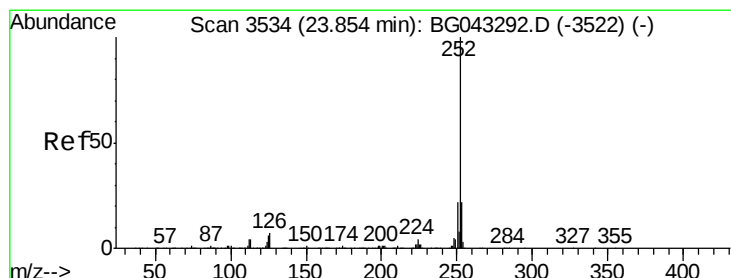
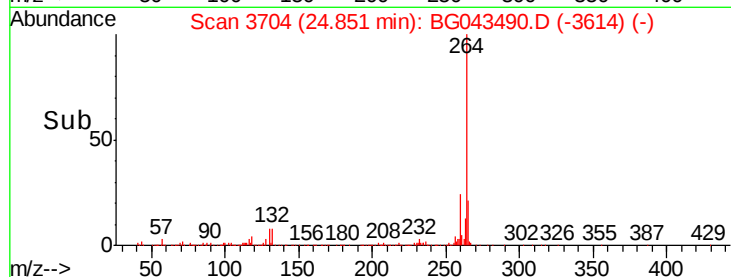
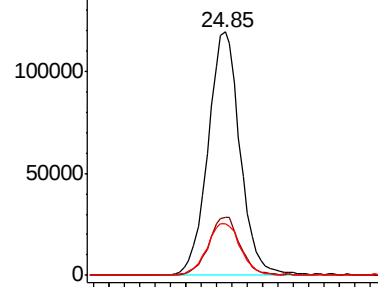


Abundance

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: 39.143 ng

RT: 23.84 min Scan# 3532

Delta R.T. -0.00 min

Lab File: BG043490.D

Acq: 4 Nov 2019 21:02

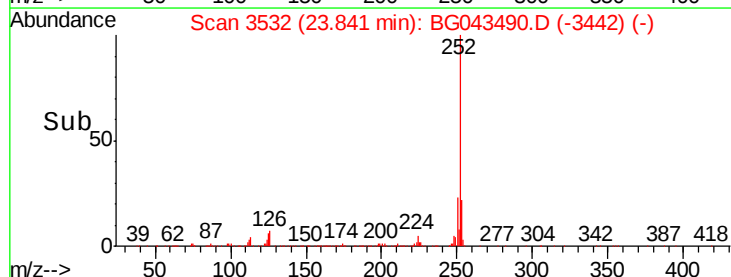
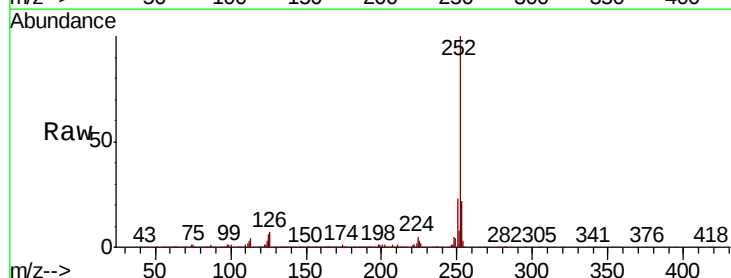
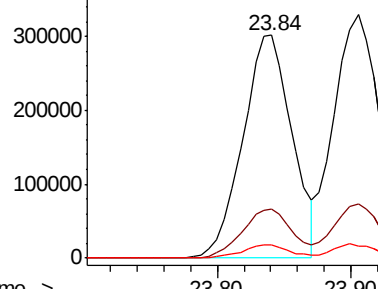
Tgt Ion:	252	Resp:	771162
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.7	26.5
125	5.7	4.5	6.7

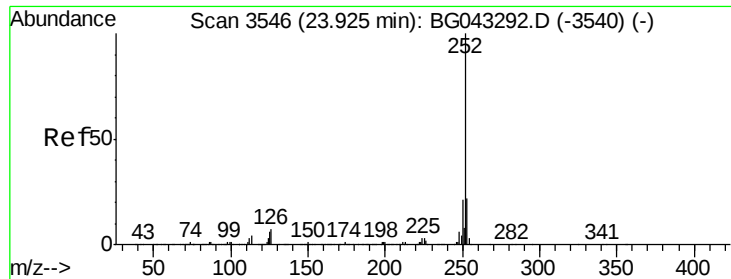
Abundance

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: 39.487 ng

RT: 23.91 min Scan# 3543

Delta R.T. -0.00 min

Lab File: BG043490.D

Acq: 4 Nov 2019 21:02

Instrument :

BNA_G

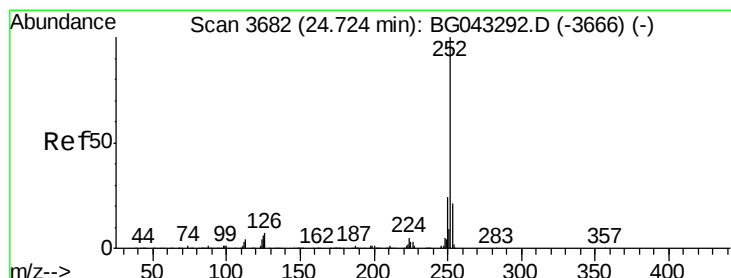
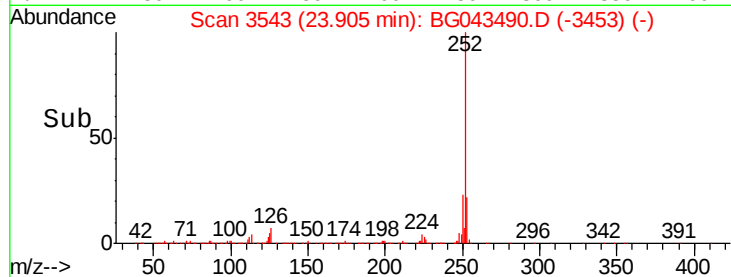
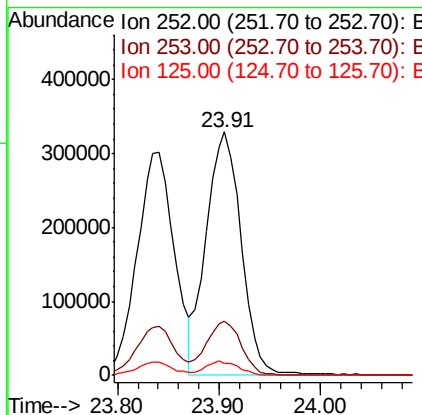
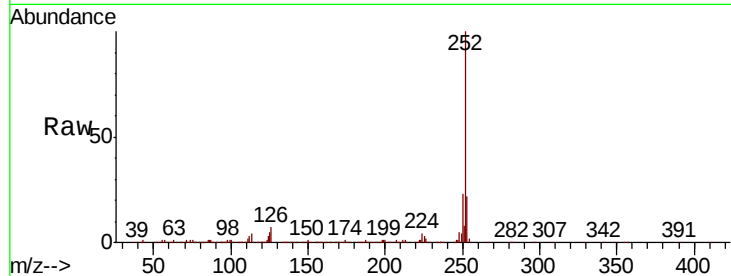
ClientSampleId :

TP-30-SMSD

Tot Ion:	252	Resp:	783147
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.3	25.9
125	4.9	4.6	6.8

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#90

Benzo(a)pyrene

Concen: 38.623 ng

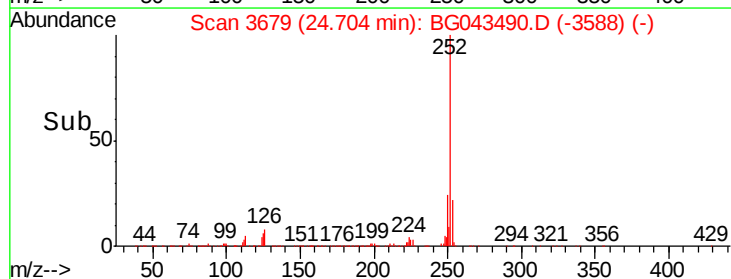
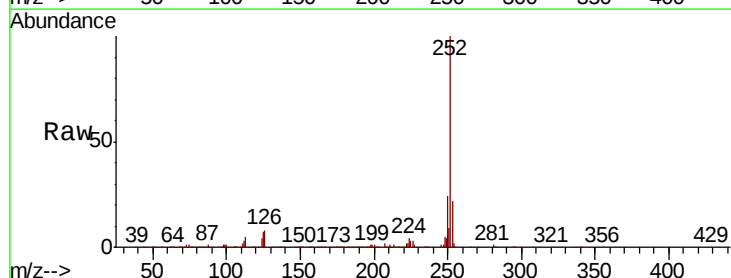
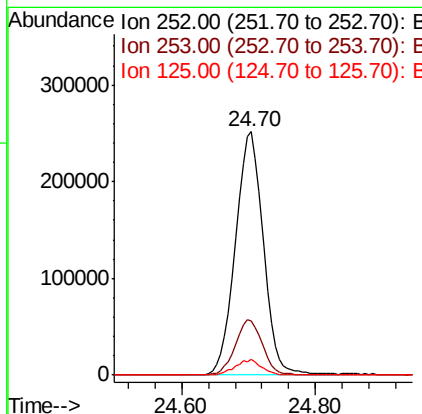
RT: 24.70 min Scan# 3679

Delta R.T. 0.00 min

Lab File: BG043490.D

Acq: 4 Nov 2019 21:02

Tgt Ion:	252	Resp:	726624
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.8	26.8
125	6.5	5.4	8.2





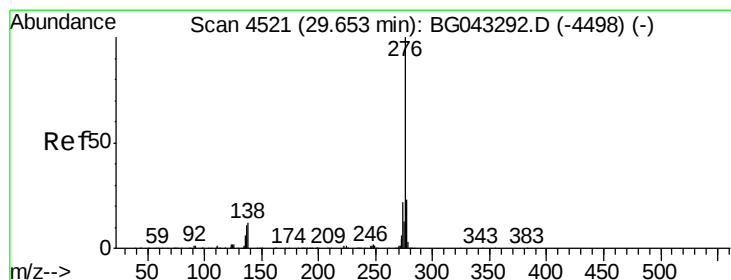
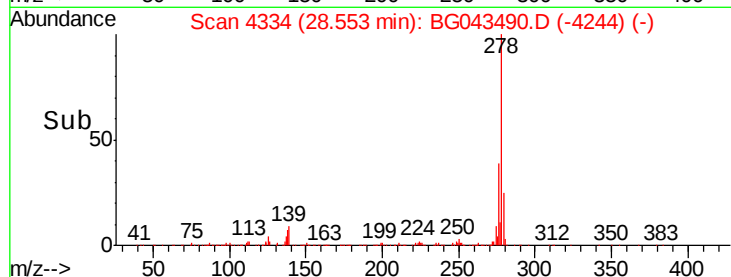
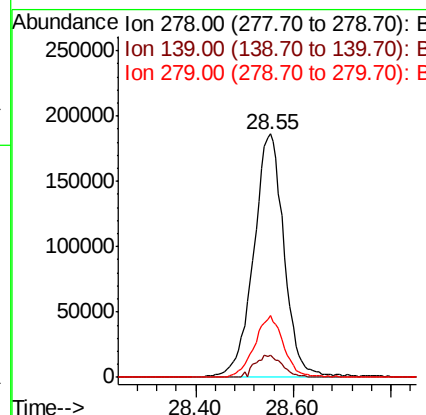
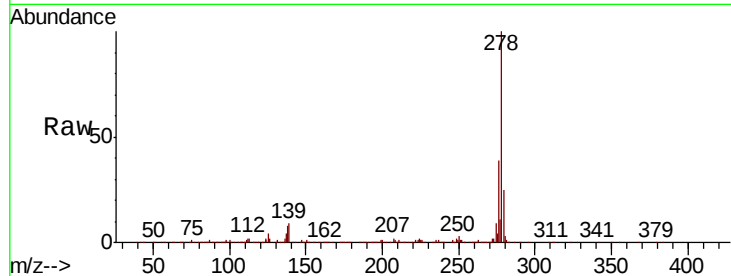
#91
Dibenzo(a,h)anthracene
Concen: 42.083 ng
RT: 28.55 min Scan# 4334
Delta R.T. -0.00 min
Lab File: BG043490.D
Acq: 4 Nov 2019 21:02

Instrument :
BNA_G
ClientSampleId :
TP-30-SMSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.0	7.4	11.0
279	25.4	19.1	28.7

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#92
Benzo(g,h,i)perylene
Concen: 42.082 ng
RT: 29.63 min Scan# 4517
Delta R.T. -0.00 min
Lab File: BG043490.D
Acq: 4 Nov 2019 21:02

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.9	28.3
138	12.9	8.9	13.3

