

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010620\
 Data File : BG043941.D
 Acq On : 6 Jan 2020 21:31
 Operator : JU
 Sample : IDOC-S-04-CG
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-S-04-CG

Manual Integrations
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 1/7/2020 12:30:52 PM

Quant Time: Jan 07 06:49:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	118388	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	517802	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	341982	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	739350	20.00	ng	0.00
76) Chrysene-d12	21.58	240	649998	20.00	ng	0.00
87) Perylene-d12	24.71	264	751046	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	852546	132.22	ng	0.00
7) Phenol-d6	7.13	99	1128542	125.22	ng	0.00
23) Nitrobenzene-d5	9.12	82	708124	73.16	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	425627	118.93	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1527979	80.95	ng	0.00
79) Terphenyl-d14	19.95	244	2190809	79.99	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.43	88	110987	39.478	ng	99
3) Pyridine	3.82	79	283855	34.178	ng	93
4) n-Nitrosodimethylamine	3.74	42	150168	40.612	ng	98
6) Aniline	7.28	93	378288	31.956	ng	98
8) 2-Chlorophenol	7.52	128	352297	46.542	ng	99
9) Benzaldehyde	7.09	77	214486	37.183	ng	98
10) Phenol	7.15	94	438189	47.188	ng	98
11) bis(2-Chloroethyl)ether	7.38	93	332693	41.505	ng	99
12) 1,3-Dichlorobenzene	7.85	146	360777	40.730	ng	99
13) 1,4-Dichlorobenzene	7.99	146	363838	41.630	ng	97
14) 1,2-Dichlorobenzene	8.32	146	345671	41.206	ng	100
15) Benzyl Alcohol	8.19	79	304943	42.871	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.49	45	467434	37.693	ng	98
17) 2-Methylphenol	8.41	107	306204	45.567	ng	95
18) Hexachloroethane	9.05	117	136720	40.202	ng	96
19) n-Nitroso-di-n-propylamine	8.76	70	267246	39.817	ng	99
20) 3+4-Methylphenols	8.73	107	421451	44.958	ng	98
22) Acetophenone	8.78	105	489892	38.056	ng	99
24) Nitrobenzene	9.16	77	374737	39.090	ng	98
25) Isophorone	9.68	82	711247	39.167	ng	100
26) 2-Nitrophenol	9.87	139	192402	42.421	ng	99
27) 2,4-Dimethylphenol	9.93	122	337216	49.392	ng	98
28) bis(2-Chloroethoxy)methane	10.17	93	460599	38.046	ng	98
29) 2,4-Dichlorophenol	10.41	162	352718	43.311	ng	99
30) 1,2,4-Trichlorobenzene	10.63	180	353895	38.756	ng	99
31) Naphthalene	10.82	128	1026251	40.956	ng	99
32) Benzoic acid	10.06	122	129561	26.524	ng	95
33) 4-Chloroaniline	10.91	127	275769	23.074	ng	99
34) Hexachlorobutadiene	11.11	225	207022	37.133	ng	96
35) Caprolactam	11.68	113	128853m	42.502	ng	
36) 4-Chloro-3-methylphenol	12.04	107	371288	42.826	ng	98
37) 2-Methylnaphthalene	12.42	142	773596	41.008	ng	99
38) 1-Methylnaphthalene	12.64	142	739806	41.378	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	365588	36.473	ng	99

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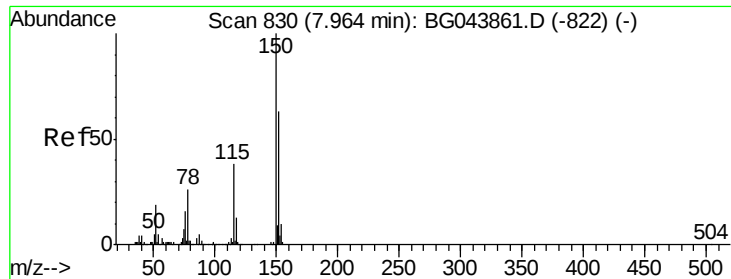
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	487353	93.784	nq	98
43) 2,4,6-Trichlorophenol	13.02	196	275488	39.943	nq	96
44) 2,4,5-Trichlorophenol	13.10	196	298348	41.942	nq	99
46) 1,1'-Biphenyl	13.43	154	973029	39.684	nq	99
47) 2-Chloronaphthalene	13.47	162	764655	38.593	nq	98
48) 2-Nitroaniline	13.66	65	243210	38.160	nq	98
49) Acenaphthylene	14.31	152	1196452	42.014	nq	99
50) Dimethylphthalate	14.05	163	966158	39.789	nq	98
51) 2,6-Dinitrotoluene	14.16	165	222494	40.540	nq	98
52) Acenaphthene	14.66	154	851727	42.648	nq	97
53) 3-Nitroaniline	14.49	138	180164	28.907	nq	100
54) 2,4-Dinitrophenol	14.69	184	190888	69.075	nq	99
55) Dibenzofuran	14.99	168	1147829	41.751	nq	98
56) 4-Nitrophenol	14.80	139	428728	89.768	nq	95
57) 2,4-Dinitrotoluene	14.95	165	309499	41.444	nq	98
58) Fluorene	15.64	166	904661	41.516	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.22	232	260538	42.594	nq	98
60) Diethylphthalate	15.42	149	993404	40.903	nq	99
61) 4-Chlorophenyl-phenylether	15.63	204	469796	39.705	nq	99
62) 4-Nitroaniline	15.65	138	243235	39.520	nq	95
63) Azobenzene	15.93	77	923427	40.998	nq	99
65) 4,6-Dinitro-2-methylphenol	15.72	198	160580	42.689	nq	97
66) n-Nitrosodiphenylamine	15.84	169	853702	39.209	nq	99
67) 4-Bromophenyl-phenylether	16.53	248	309228	37.187	nq	98
68) Hexachlorobenzene	16.65	284	331802	37.031	nq	100
69) Atrazine	16.80	200	332883	47.035	nq	100
70) Pentachlorophenol	16.99	266	361688	73.227	nq	98
71) Phenanthrene	17.38	178	1442054	40.664	nq	99
72) Anthracene	17.47	178	1492160	42.575	nq	99
73) Carbazole	17.74	167	1373958	42.440	nq	99
74) Di-n-butylphthalate	18.31	149	1689696	40.879	nq	98
75) Fluoranthene	19.39	202	1689232	41.651	nq	99
77) Benzidine	19.56	184	915399	56.028	nq	98
78) Pyrene	19.75	202	1702520	40.127	nq	99
80) Butylbenzylphthalate	20.64	149	794144	39.315	nq	98
81) Benzo(a)anthracene	21.57	228	1626958	40.367	nq	100
82) 3,3'-Dichlorobenzidine	21.48	252	509650	32.007	nq	99
83) Chrysene	21.63	228	1566159	40.895	nq	99
84) Bis(2-ethylhexyl)phthalate	21.50	149	1119879	40.180	nq	98
85) Di-n-octyl phthalate	22.68	149	1923175	41.044	nq	98
86) Indeno(1,2,3-cd)pyrene	28.25	276	1969851	37.848	nq	# 91
88) Benzo(b)fluoranthene	23.72	252	1751614	39.451	nq	100
89) Benzo(k)fluoranthene	23.79	252	1686815	39.952	nq	99
90) Benzo(a)pyrene	24.56	252	1620165	38.662	nq	99
91) Dibenzo(a,h)anthracene	28.32	278	1653400	39.286	nq	98
92) Benzo(g,h,i)perylene	29.35	276	1617267	38.687	nq	97

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



#1

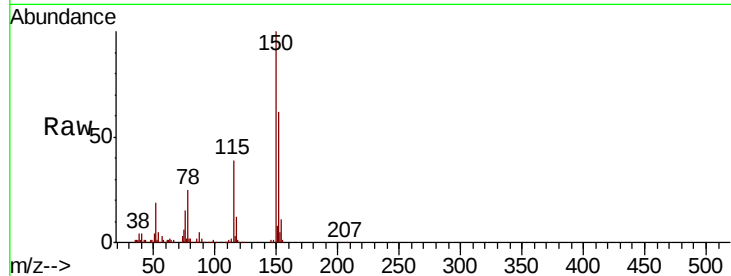
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

Instrument :
BNA_G
ClientSampleId :
IDOC-S-04-CG

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.8	127.0	190.4
115	63.0	47.8	71.8

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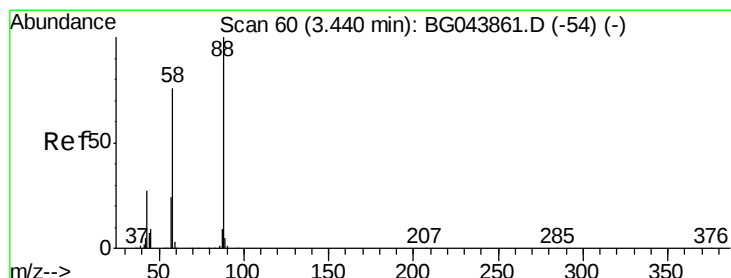
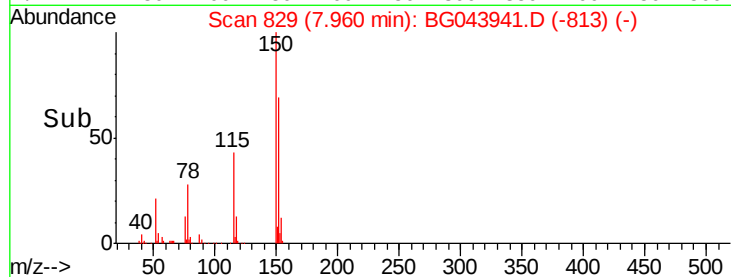
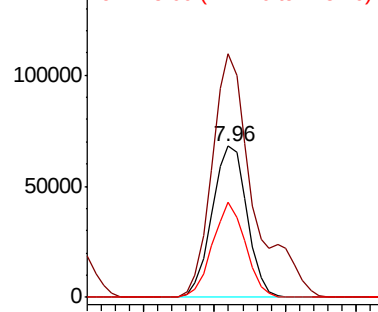


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

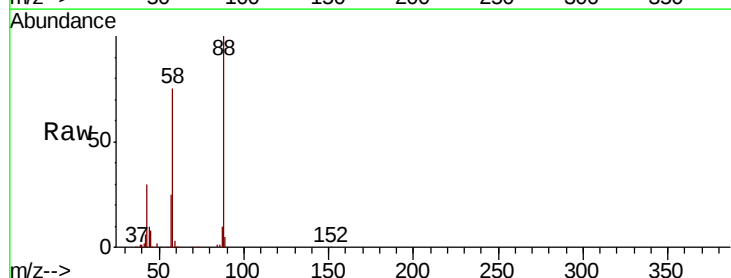
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 39.478 ng
RT: 3.43 min Scan# 58
Delta R.T. -0.01 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.4	59.8	89.8
43	30.1	22.9	34.3

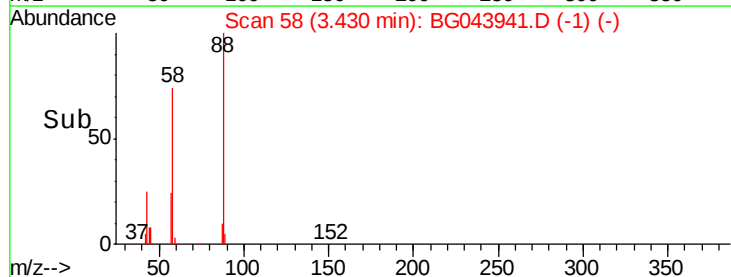
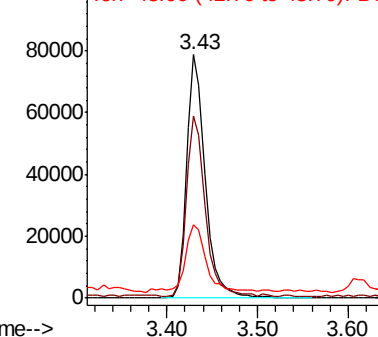


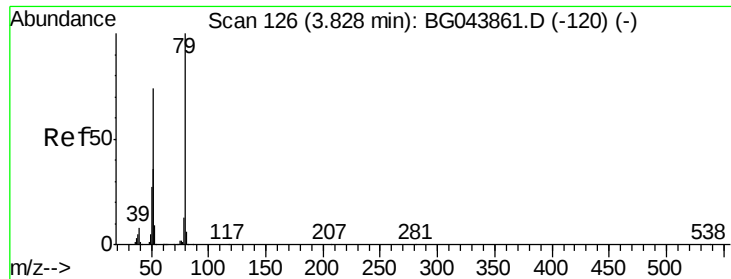
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 34.178 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.00 min

Lab File: BG043941.D

Acq: 6 Jan 2020 21:31

Instrument :

BNA_G

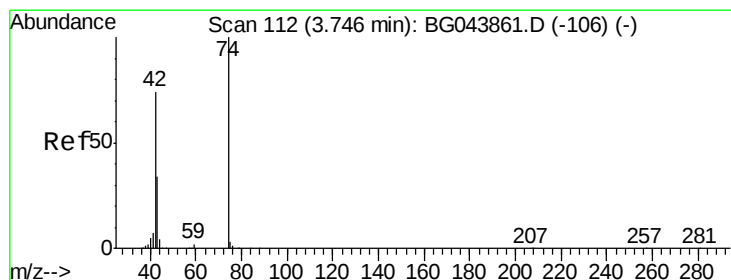
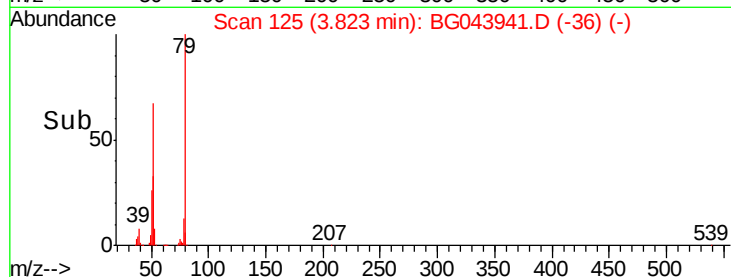
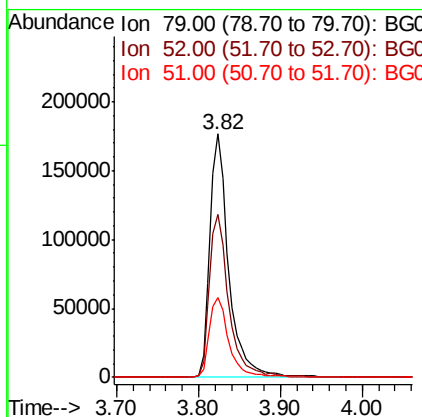
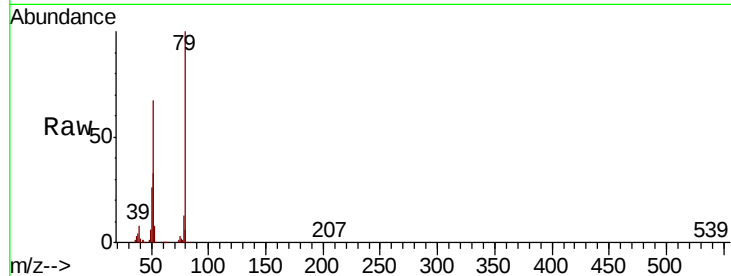
ClientSampleId :

IDOC-S-04-CG

Tot Ion:	79	Resp:	283855
Ion Ratio	Lower	Upper	
79	100		
52	66.8	58.9	88.3
51	32.9	28.6	43.0

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#4

n-Nitrosodimethylamine

Concen: 40.612 ng

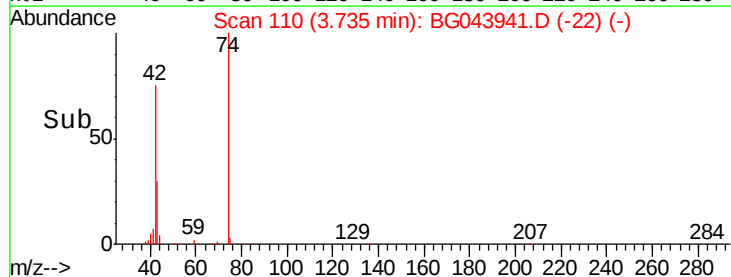
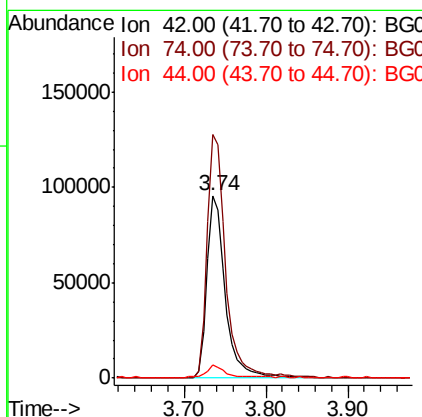
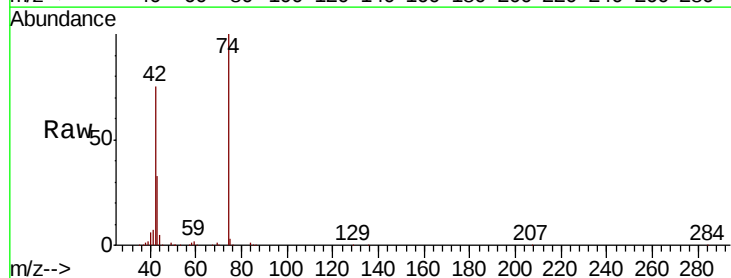
RT: 3.74 min Scan# 110

Delta R.T. -0.01 min

Lab File: BG043941.D

Acq: 6 Jan 2020 21:31

Tgt Ion:	42	Resp:	150168
Ion Ratio	Lower	Upper	
42	100		
74	133.7	108.6	162.8
44	6.9	5.0	7.6





#5

2-Fluorophenol

Concen: 132.224 ng

RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

Lab File: BG043941.D

Acq: 6 Jan 2020 21:31

Instrument :

BNA_G

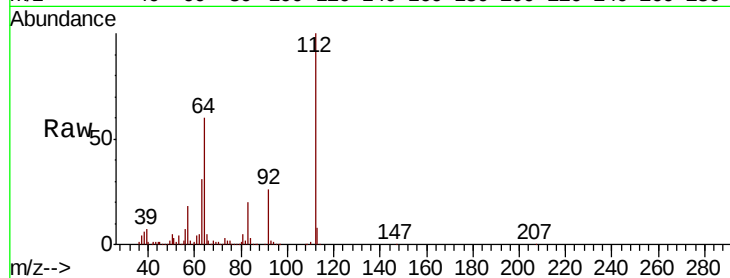
ClientSampleId :

IDOC-S-04-CG

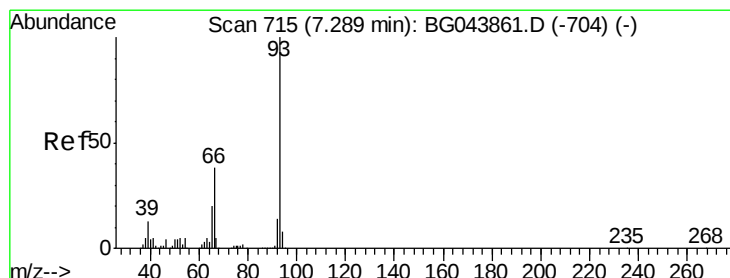
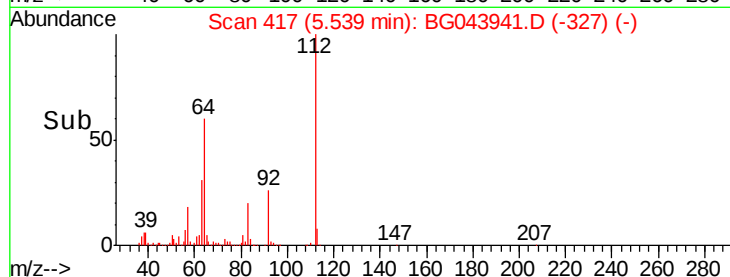
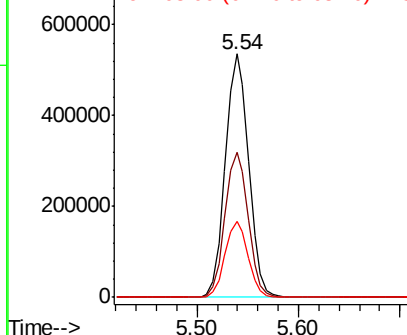
Tot Ion:	112	Resp:	852546
Ion Ratio	Lower	Upper	
112	100		
64	59.5	47.8	71.6
63	31.4	24.3	36.5

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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: 31.956 ng

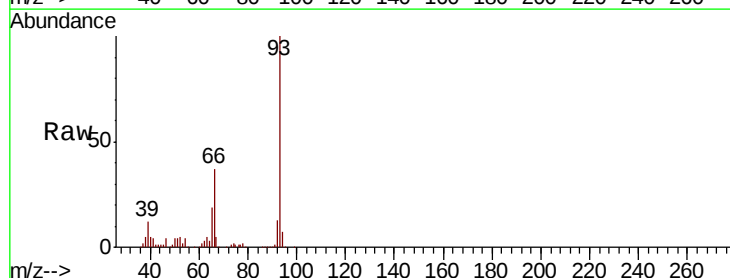
RT: 7.28 min Scan# 714

Delta R.T. -0.00 min

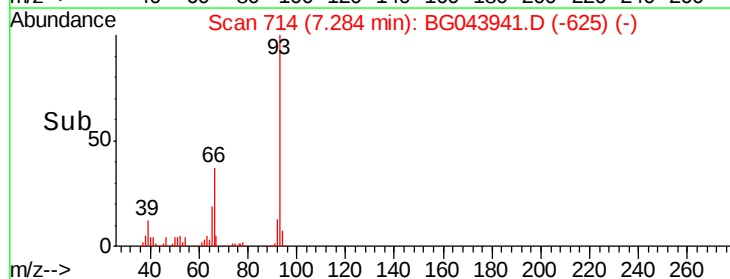
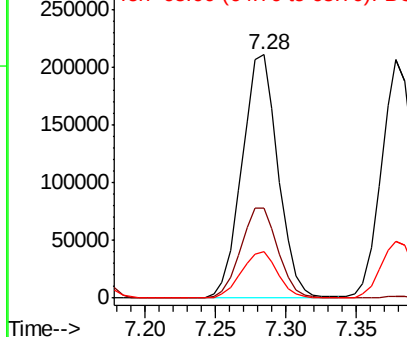
Lab File: BG043941.D

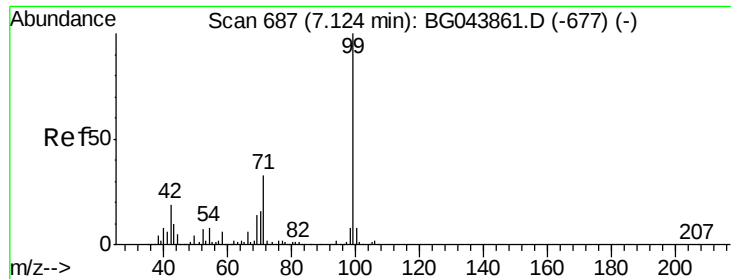
Acq: 6 Jan 2020 21:31

Tgt Ion:	93	Resp:	378288
Ion Ratio	Lower	Upper	
93	100		
66	37.0	30.8	46.2
65	19.1	16.0	24.0



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: 125.216 ng

RT: 7.13 min Scan# 688

Delta R.T. 0.01 min

Lab File: BG043941.D

Acq: 6 Jan 2020 21:31

Instrument :

BNA_G

ClientSampleId :

IDOC-S-04-CG

Tot Ion: 99 Resp: 1128542

Ion Ratio Lower Upper

99 100

42 19.7 14.9 22.3

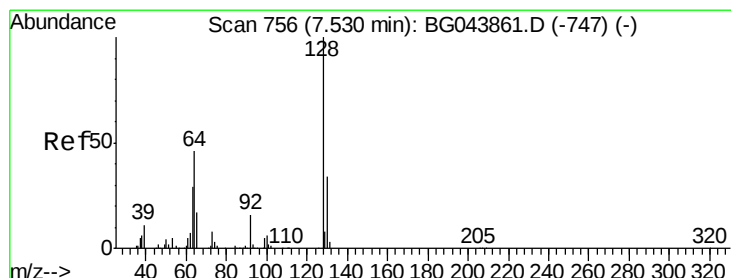
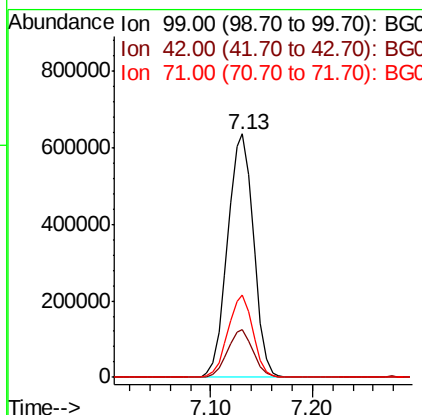
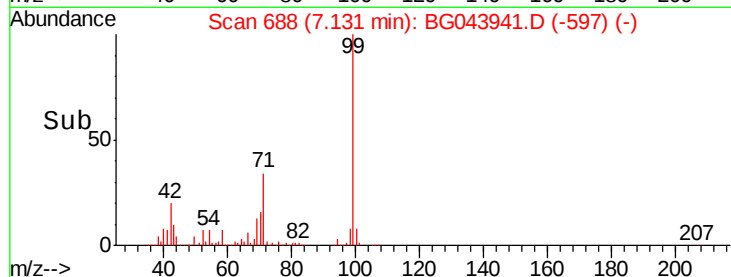
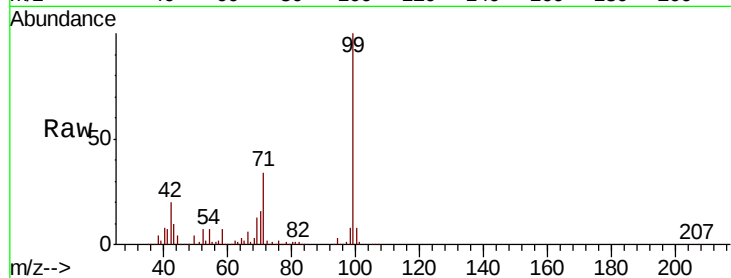
71 33.6 26.4 39.6

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#8

2-Chlorophenol

Concen: 46.542 ng

RT: 7.52 min Scan# 755

Delta R.T. -0.00 min

Lab File: BG043941.D

Acq: 6 Jan 2020 21:31

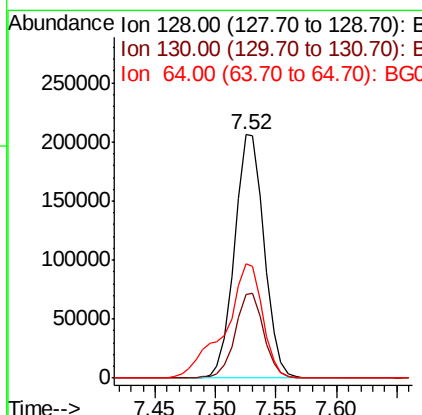
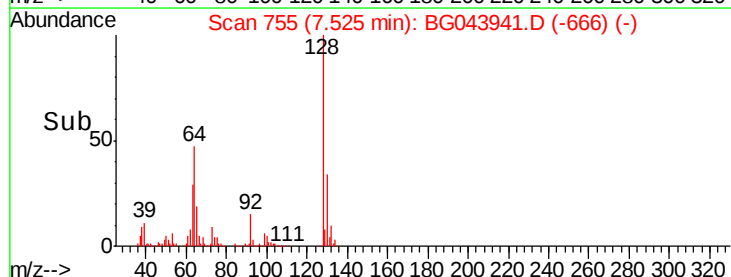
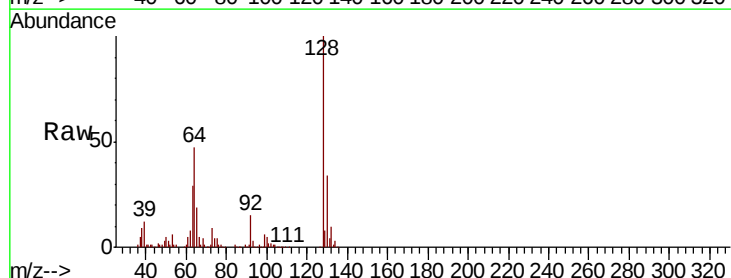
Tgt Ion:128 Resp: 352297

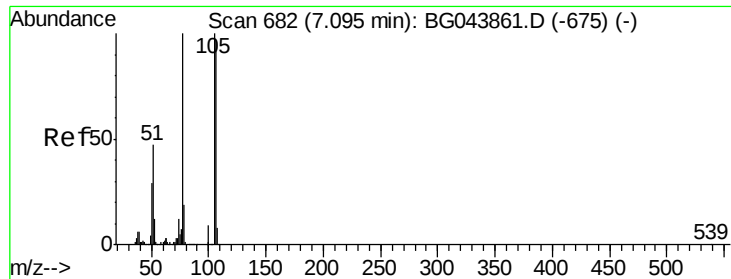
Ion Ratio Lower Upper

128 100

130 34.2 13.8 53.8

64 46.7 27.6 67.6





#9

Benzaldehyde

Concen: 37.183 ng

RT: 7.09 min Scan# 681

Delta R.T. -0.00 min

Lab File: BG043941.D

Acq: 6 Jan 2020 21:31

Instrument :

BNA_G

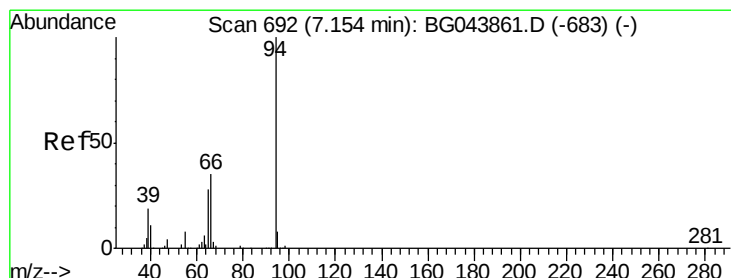
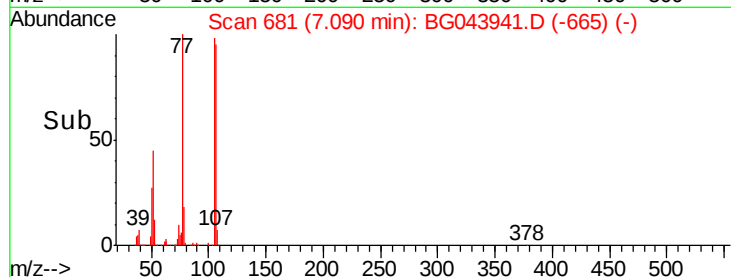
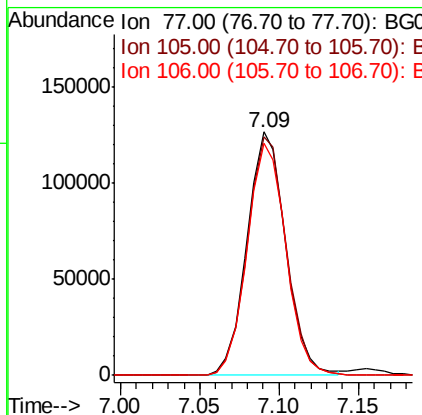
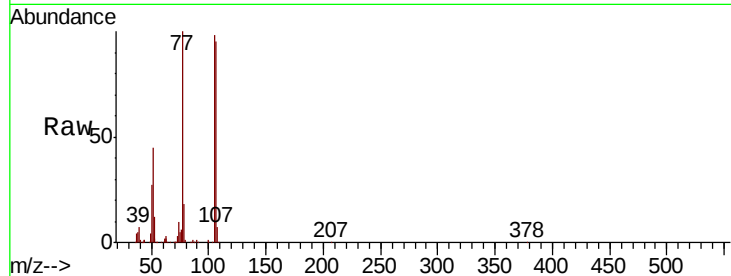
ClientSampleId :

IDOC-S-04-CG

Tot Ion	Ratio	Lower	Upper
77	100		
105	98.2	80.2	120.2
106	95.3	77.2	117.2

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#10

Phenol

Concen: 47.188 ng

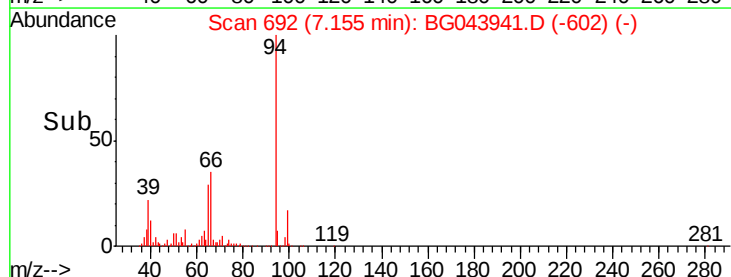
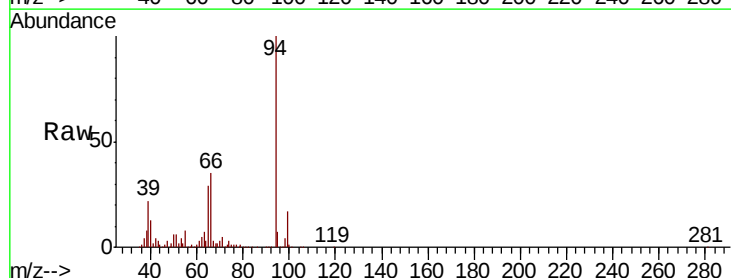
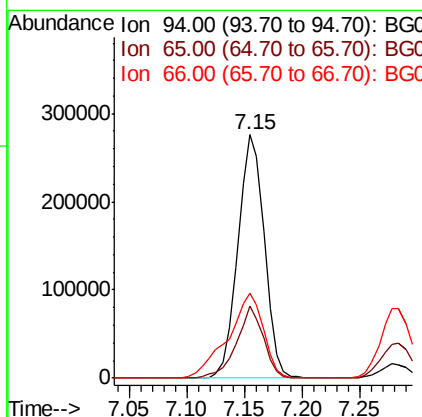
RT: 7.15 min Scan# 692

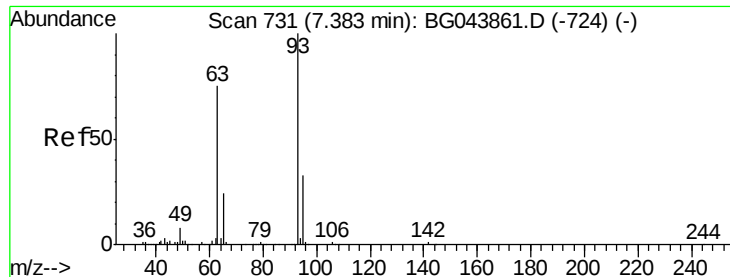
Delta R.T. 0.00 min

Lab File: BG043941.D

Acq: 6 Jan 2020 21:31

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.5	8.1	48.1
66	34.9	15.6	55.6





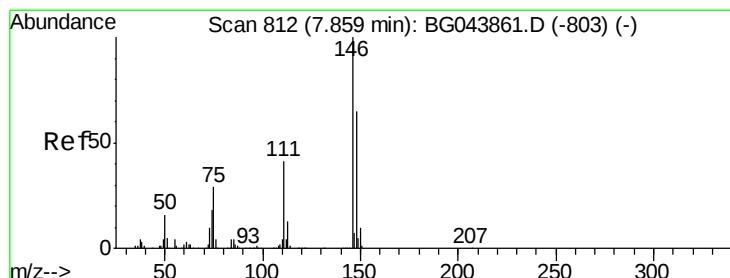
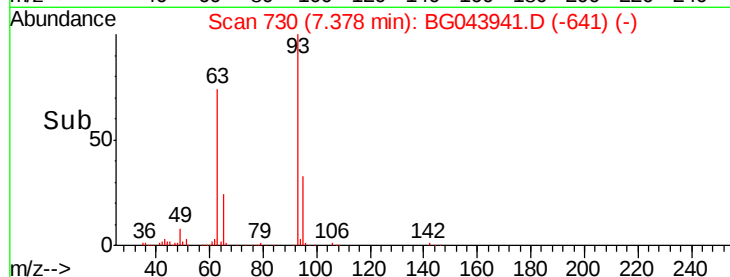
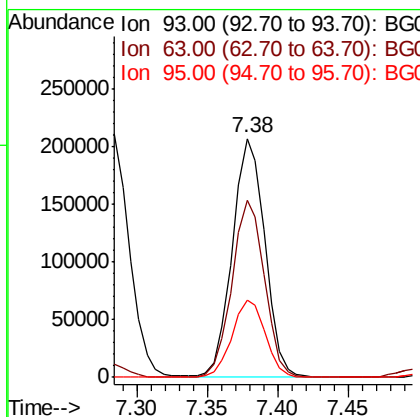
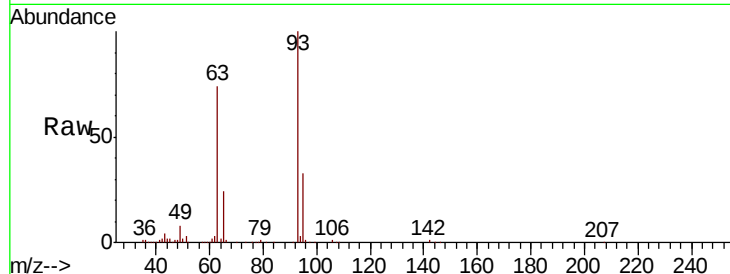
#11
bis(2-Chloroethyl)ether
Concen: 41.505 ng
RT: 7.38 min Scan# 730
Delta R.T. -0.00 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

Instrument :
BNA_G
ClientSampleId :
IDOC-S-04-CG

Tot Ion	Ratio	Resp	Lower	Upper
93	100	332693		
63	74.4		55.0	95.0
95	32.5		13.3	53.3

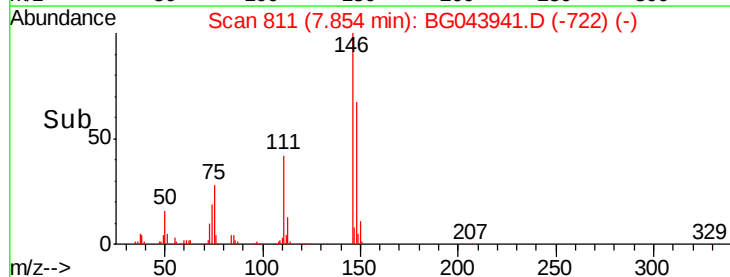
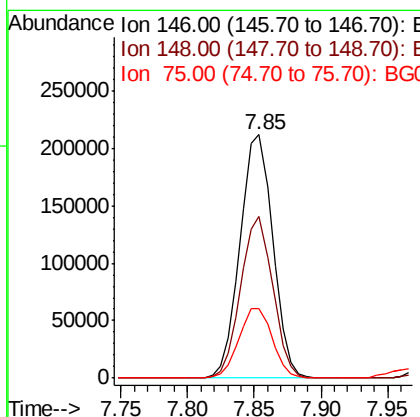
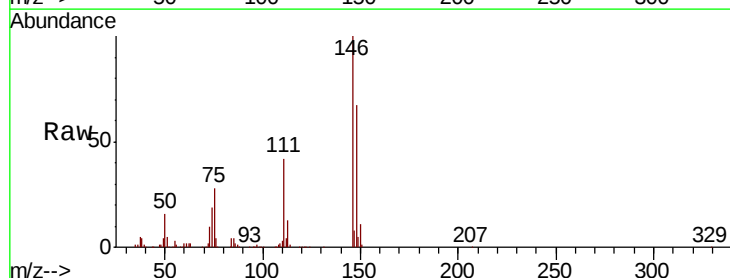
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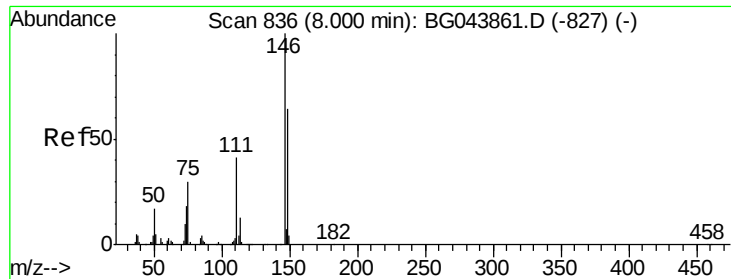
mohammad
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#12
1,3-Dichlorobenzene
Concen: 40.730 ng
RT: 7.85 min Scan# 811
Delta R.T. -0.00 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	360777		
148	66.6		52.1	78.1
75	28.4		23.0	34.4





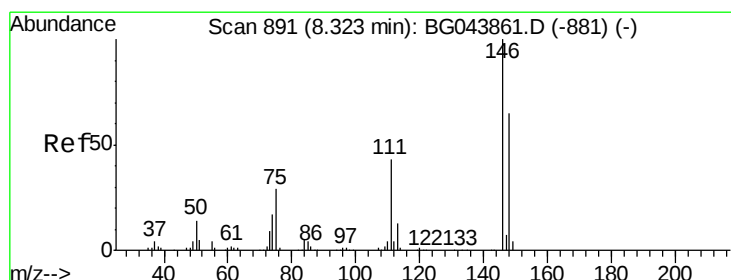
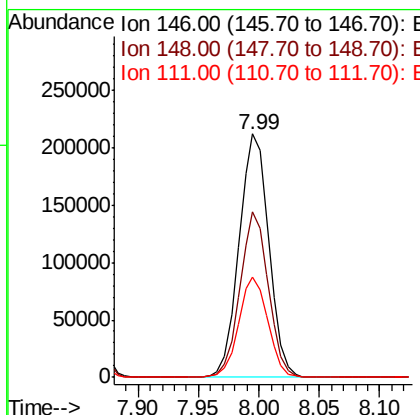
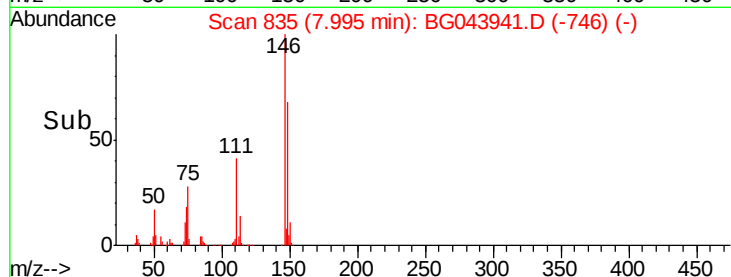
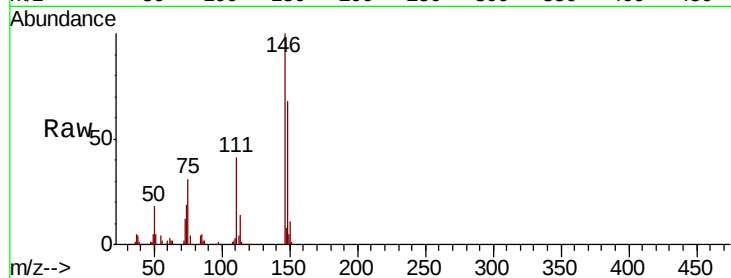
#13
 1,4-Dichlorobenzene
 Concen: 41.630 ng
 RT: 7.99 min Scan# 835
 Delta R.T. -0.00 min
 Lab File: BG043941.D
 Acq: 6 Jan 2020 21:31

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-S-04-CG

Tot Ion	Ratio	Lower	Upper
146	100		
148	67.8	51.2	76.8
111	41.0	33.1	49.7

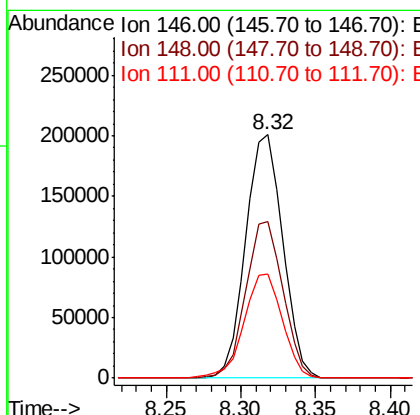
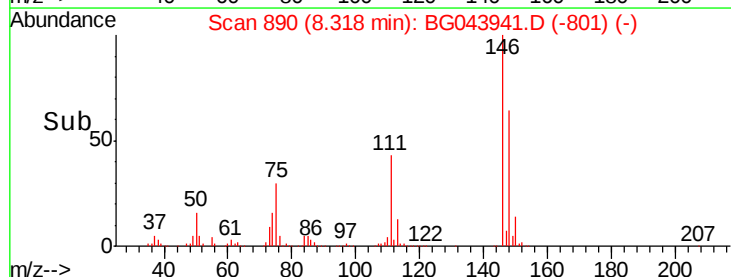
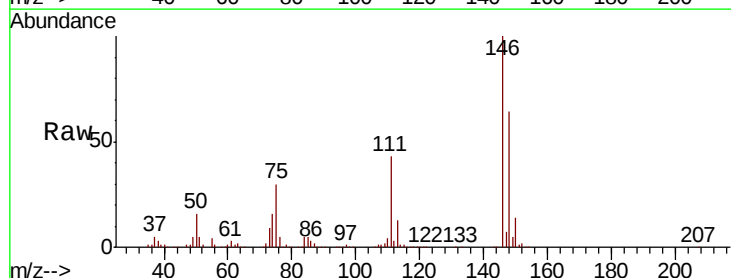
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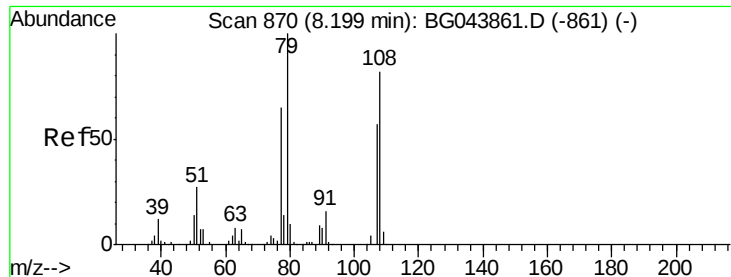
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#14
 1,2-Dichlorobenzene
 Concen: 41.206 ng
 RT: 8.32 min Scan# 890
 Delta R.T. -0.00 min
 Lab File: BG043941.D
 Acq: 6 Jan 2020 21:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.7	77.5
111	42.8	34.4	51.6





#15

Benzyl Alcohol

Concen: 42.871 ng

RT: 8.19 min Scan# 869

Delta R.T. -0.00 min

Lab File: BG043941.D

Acq: 6 Jan 2020 21:31

Instrument :

BNA_G

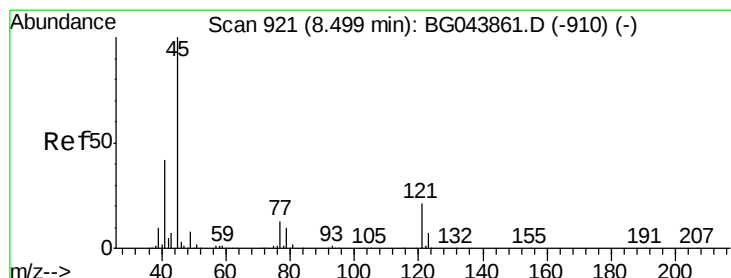
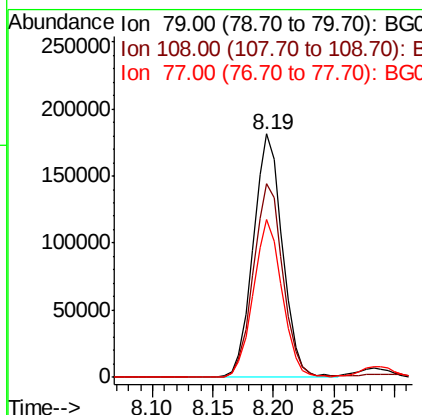
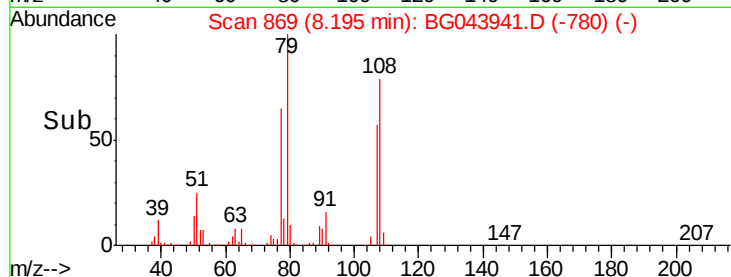
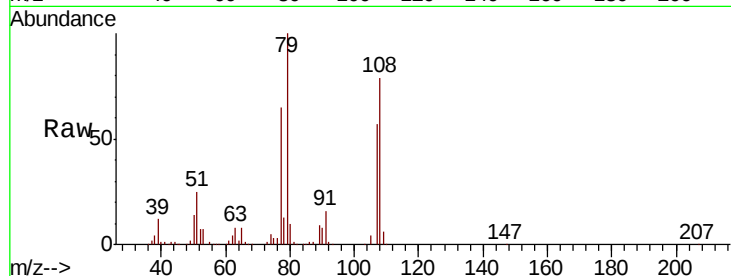
ClientSampleId :

IDOC-S-04-CG

Tot Ion:	79	Resp:	304943
Ion Ratio	Lower	Upper	
79	100		
108	79.5	65.6	98.4
77	64.9	52.0	78.0

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#16

2,2'-oxybis(1-chloropropane)

Concen: 37.693 ng

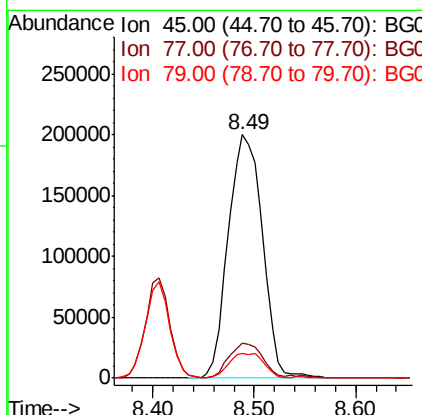
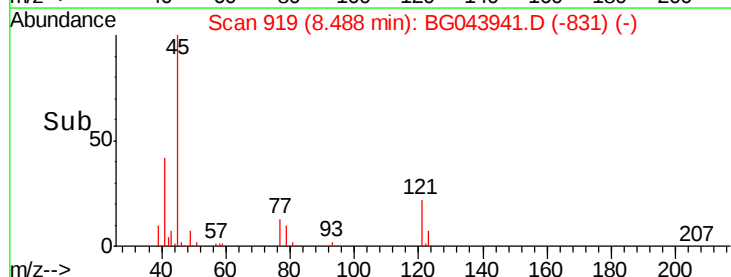
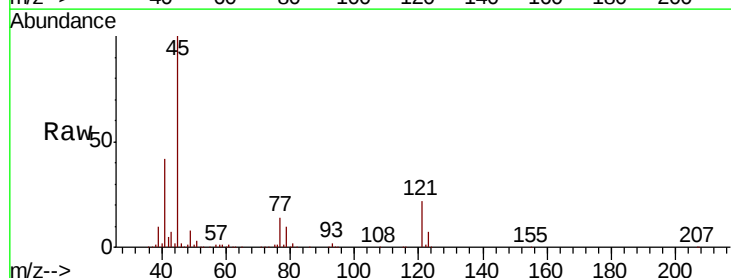
RT: 8.49 min Scan# 919

Delta R.T. -0.01 min

Lab File: BG043941.D

Acq: 6 Jan 2020 21:31

Tgt Ion:	45	Resp:	467434
Ion Ratio	Lower	Upper	
45	100		
77	14.2	0.0	33.8
79	10.1	0.0	31.0





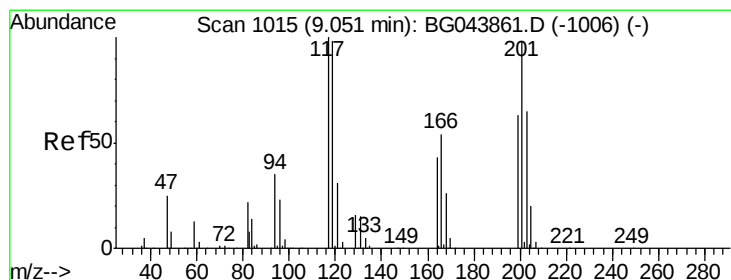
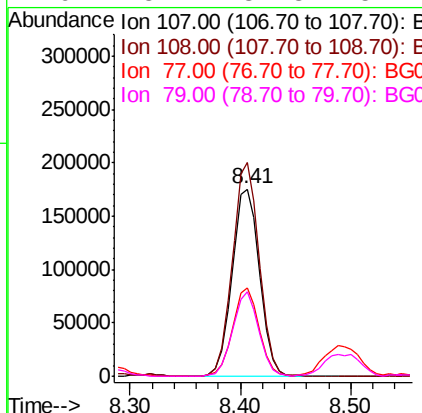
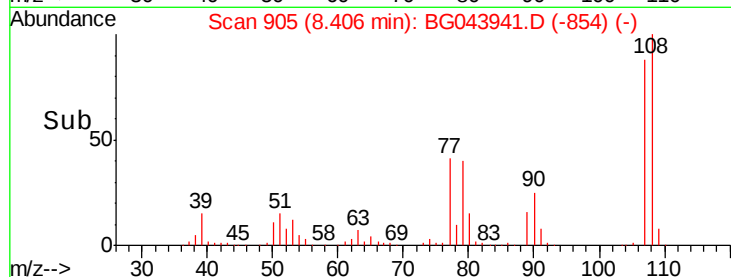
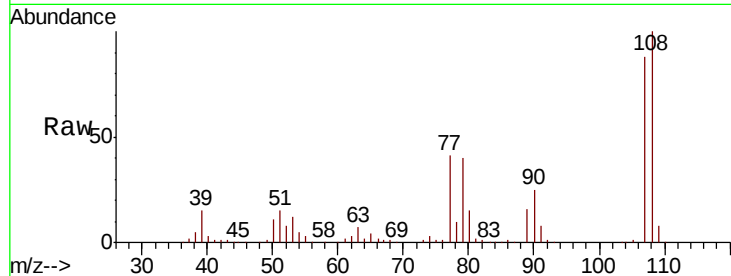
#17
2-Methylphenol
Concen: 45.567 ng
RT: 8.41 min Scan# 905
Delta R.T. 0.00 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

Instrument :
BNA_G
ClientSampleId :
IDOC-S-04-CG

Tot Ion	Ratio	Resp	Lower	Upper
107	100	306204		
108	114.1	86.1	129.1	
77	47.0	35.4	53.0	
79	45.4	34.8	52.2	

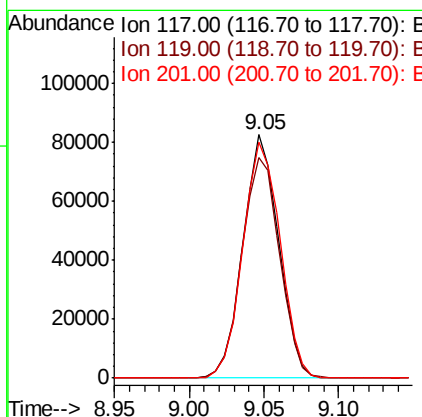
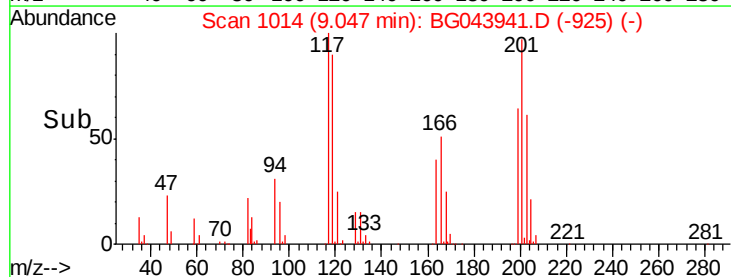
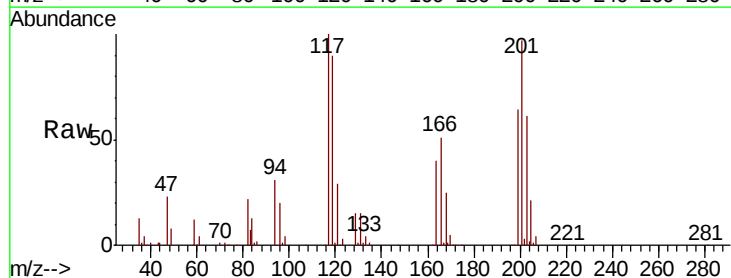
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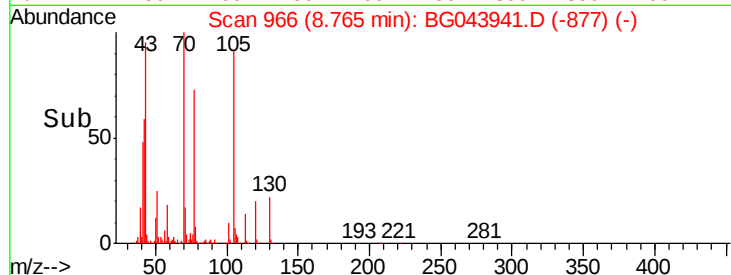
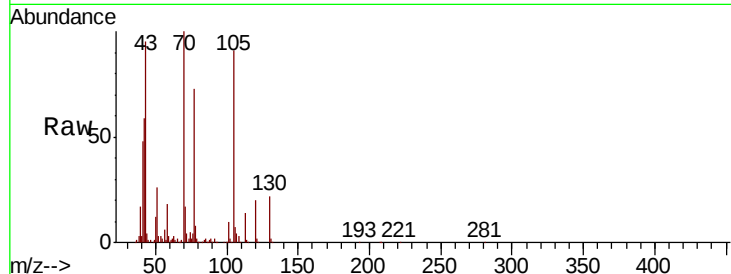
mohammad
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#18
Hexachloroethane
Concen: 40.202 ng
RT: 9.05 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	136720		
119	90.4	78.1	117.1	
201	96.8	78.6	117.8	





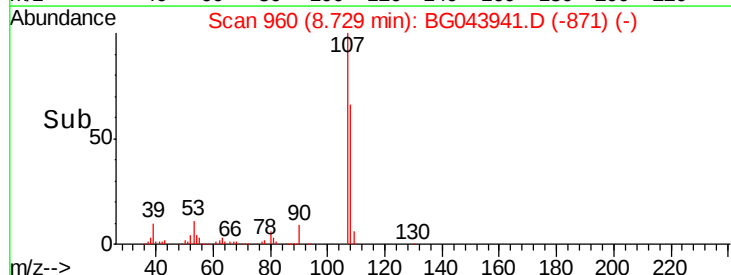
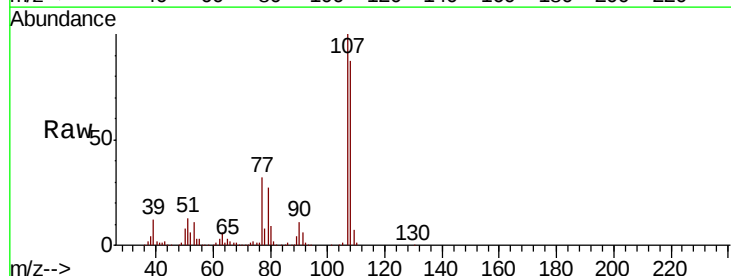
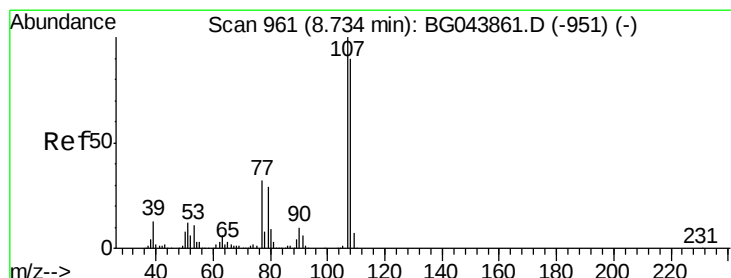
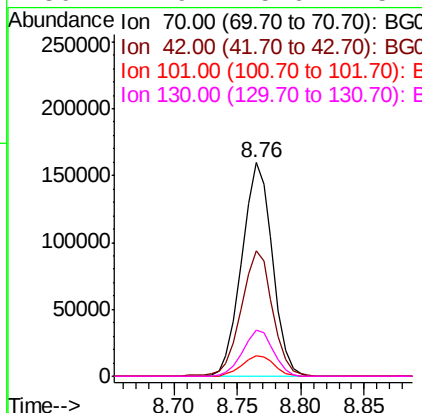
#19
n-Nitroso-di-n-propylamine
Concen: 39.817 ng
RT: 8.76 min Scan# 966
Delta R.T. -0.00 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

Instrument :
BNA_G
ClientSampleId :
IDOC-S-04-CG

Tot Ion	Ion	Ratio	Lower	Upper
267246	70	100		
	42	58.8	47.0	70.4
	101	9.7	7.2	10.8
	130	21.9	15.6	23.4

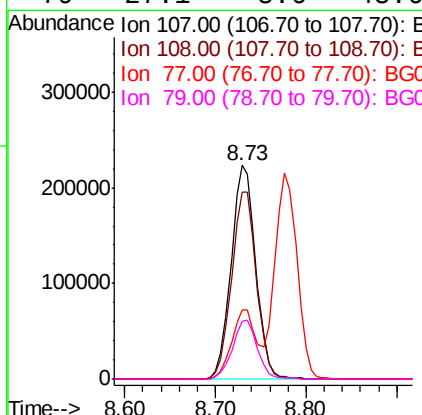
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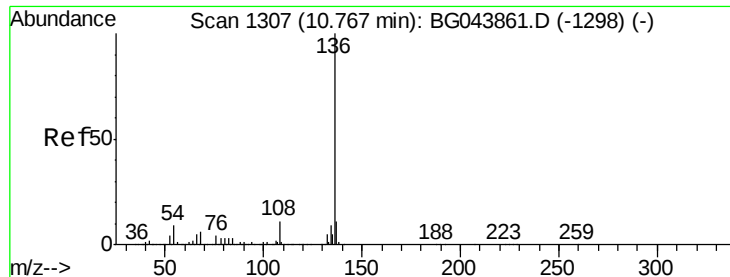
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#20
3+4-Methylphenols
Concen: 44.958 ng
RT: 8.73 min Scan# 960
Delta R.T. -0.00 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

Tgt Ion	Ion	Ratio	Lower	Upper
421451	107	100		
	108	87.5	70.3	110.3
	77	32.1	12.4	52.4
	79	27.1	8.6	48.6





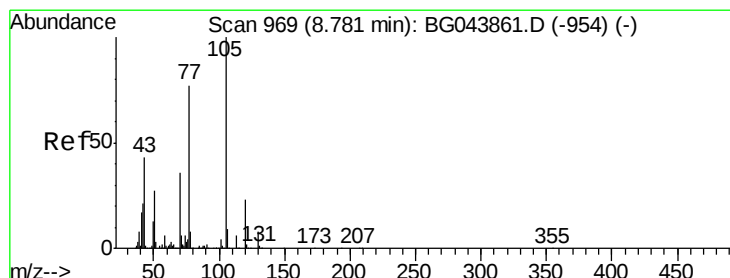
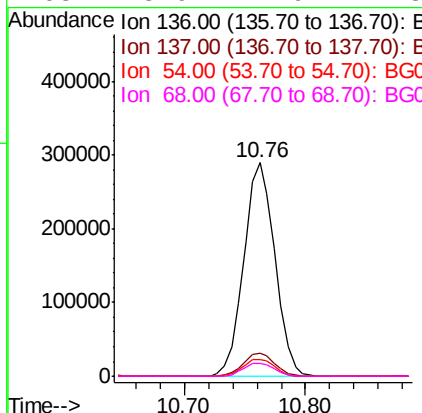
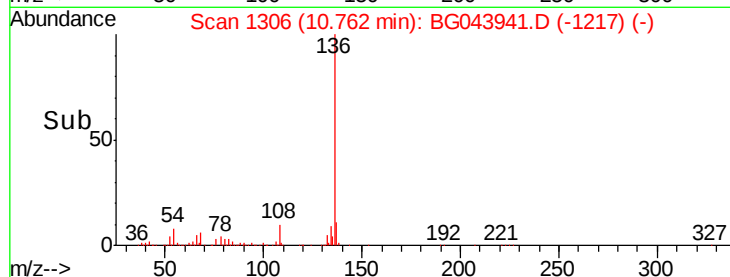
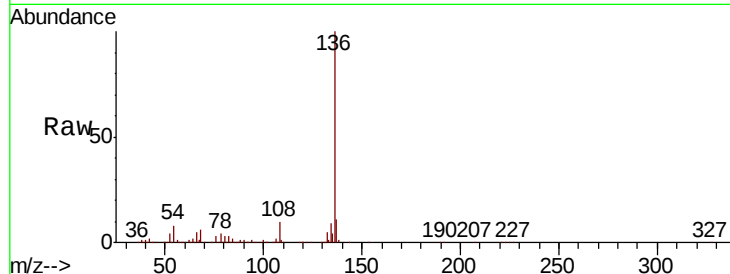
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

Instrument :
BNA_G
ClientSampleId :
IDOC-S-04-CG

Tot Ion	Ratio	Resp	Lower	Upper
136	100	517802		
137	10.7		8.8	13.2
54	7.9		7.0	10.4
68	5.9		4.9	7.3

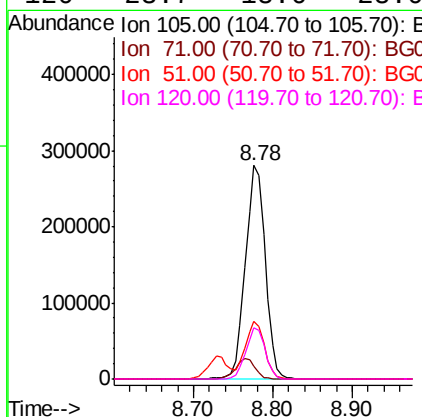
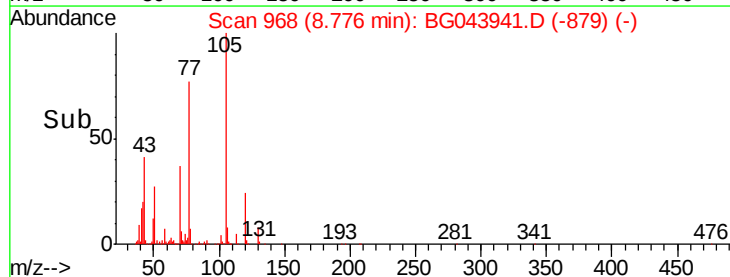
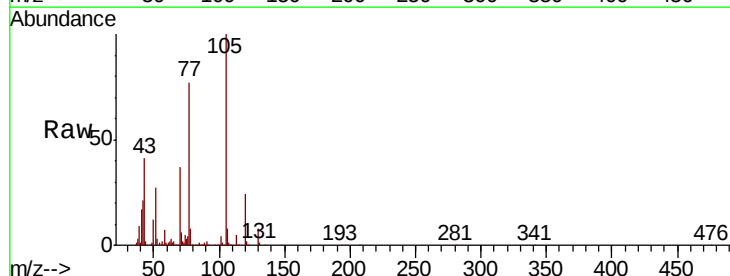
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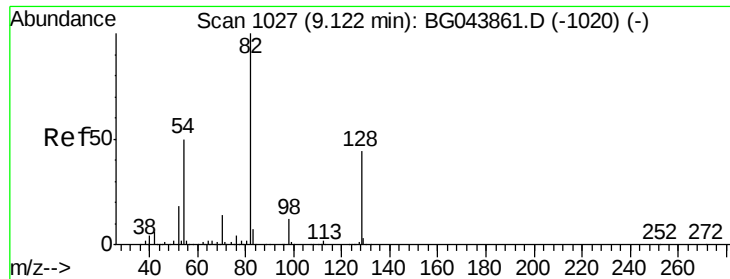
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#22
Acetophenone
Concen: 38.056 ng
RT: 8.78 min Scan# 968
Delta R.T. -0.00 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	489892		
71	5.7		4.8	7.2
51	27.3		21.4	32.0
120	23.7		18.6	28.0





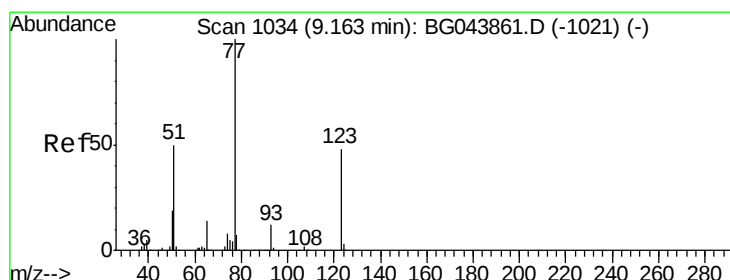
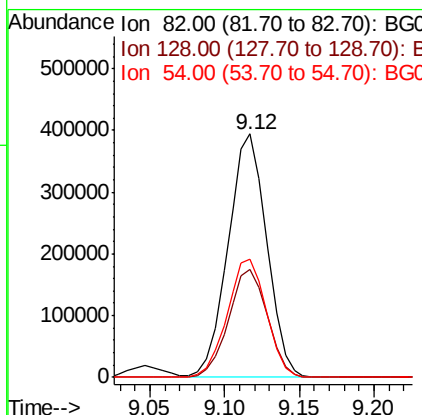
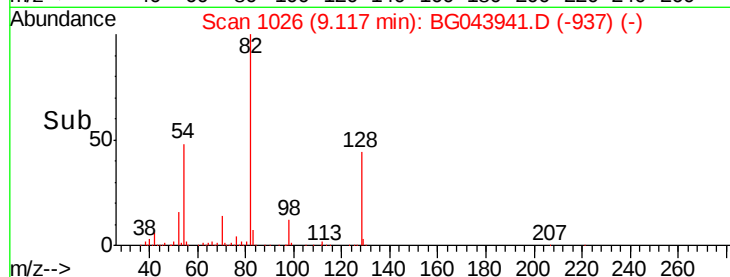
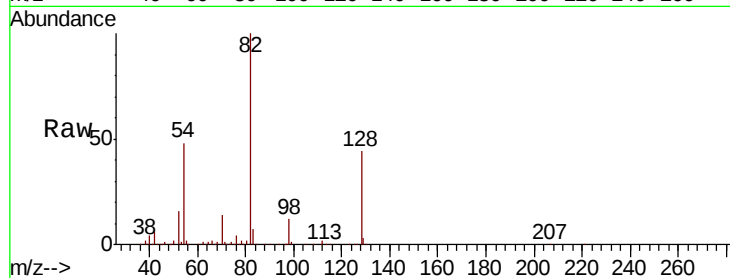
#23
 Nitrobenzene-d5
 Concen: 73.159 ng
 RT: 9.12 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BG043941.D
 Acq: 6 Jan 2020 21:31

Instrument :
 BNA_G
 ClientSampleID :
 IDOC-S-04-CG

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.3	35.1	52.7
54	48.4	40.1	60.1

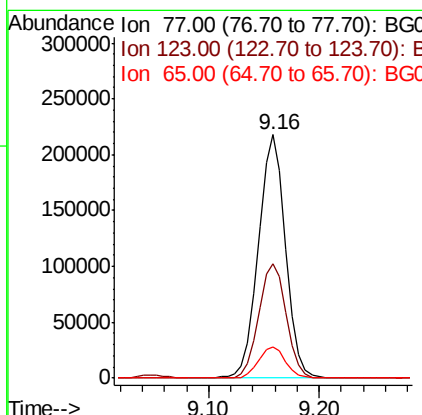
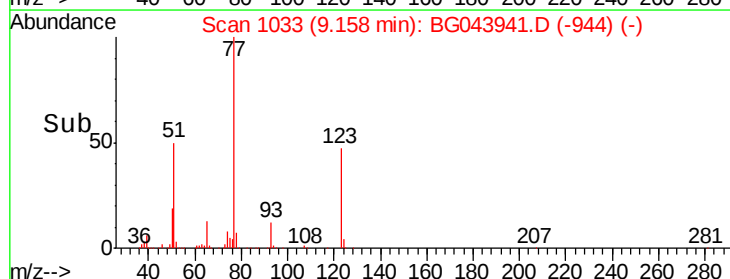
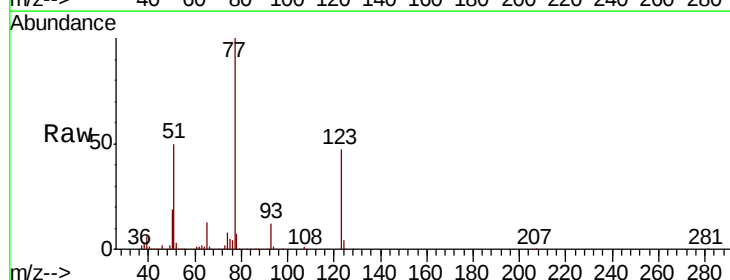
Manual Integrations
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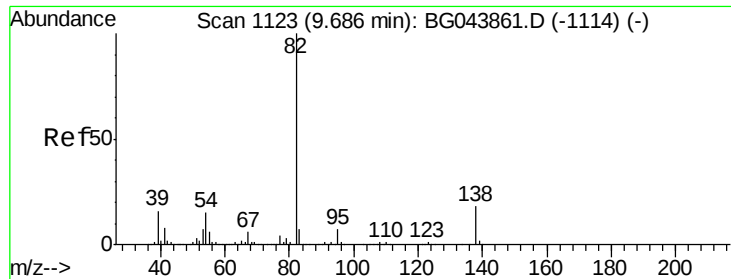
mohammad
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#24
 Nitrobenzene
 Concen: 39.090 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BG043941.D
 Acq: 6 Jan 2020 21:31

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.0	38.7	58.1
65	12.8	11.1	16.7





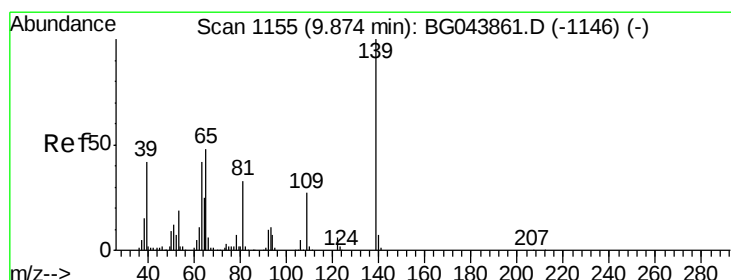
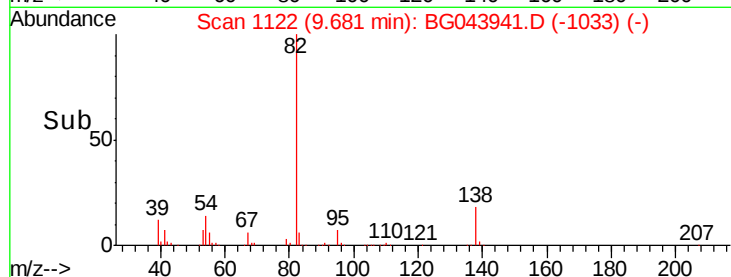
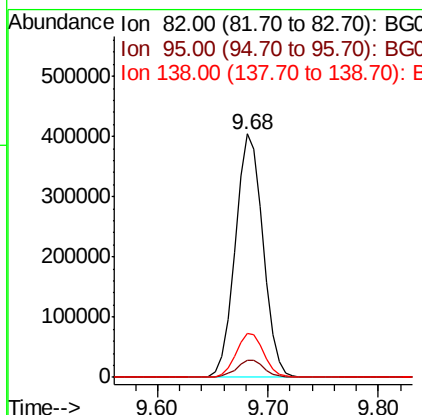
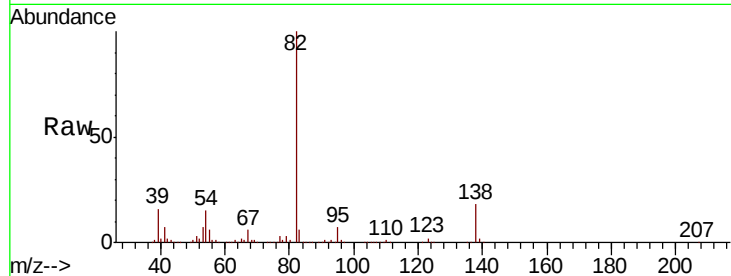
#25
Isophorone
Concen: 39.167 ng
RT: 9.68 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

Instrument :
BNA_G
ClientSampleId :
IDOC-S-04-CG

Tot Ion	82	Resp	711247
Ion Ratio	100	Lower	Upper
82	100		
95	7.2	5.8	8.6
138	18.3	14.6	22.0

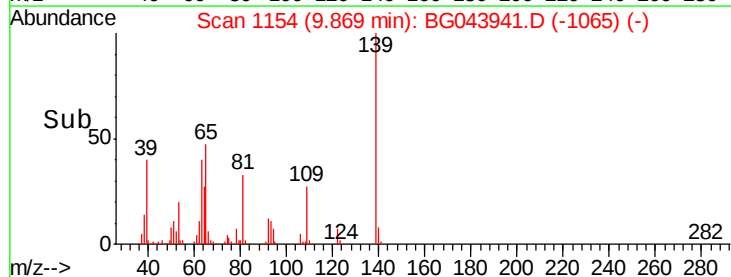
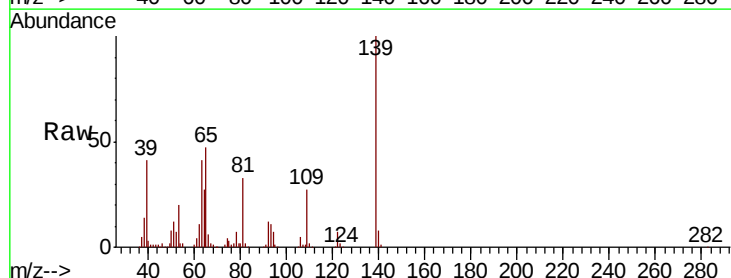
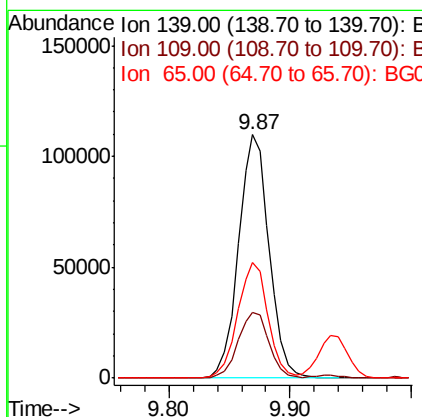
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#26
2-Nitrophenol
Concen: 42.421 ng
RT: 9.87 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

Tgt Ion	139	Resp	192402
Ion Ratio	100	Lower	Upper
139	100		
109	27.2	21.3	31.9
65	47.4	38.6	57.8





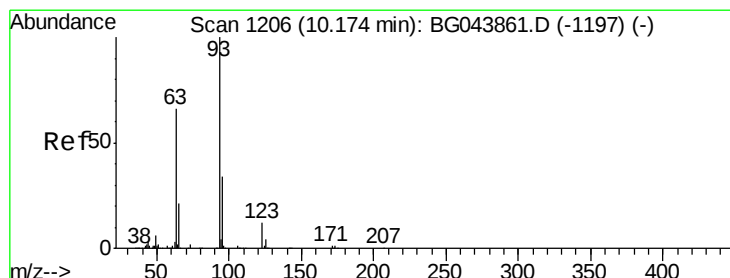
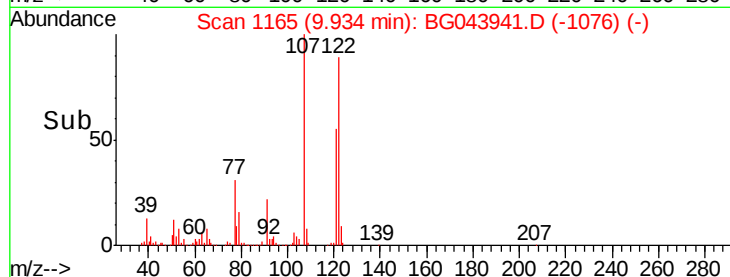
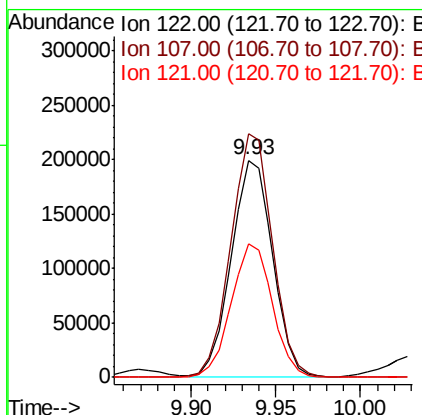
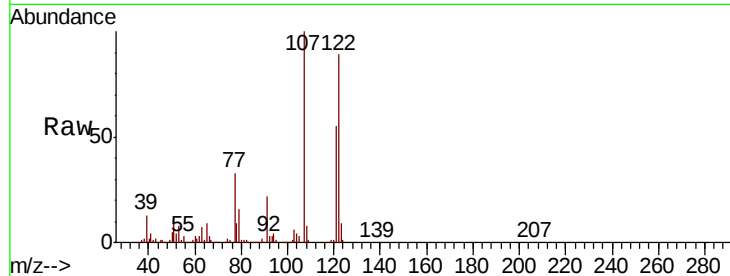
#27
2,4-Dimethylphenol
Concen: 49.392 ng
RT: 9.93 min Scan# 1165
Delta R.T. -0.00 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

Instrument :
BNA_G
ClientSampleId :
IDOC-S-04-CG

Tot Ion	Ratio	Resp	Lower	Upper
122	100	337216		
107	112.3	88.0	132.0	
121	61.6	49.0	73.4	

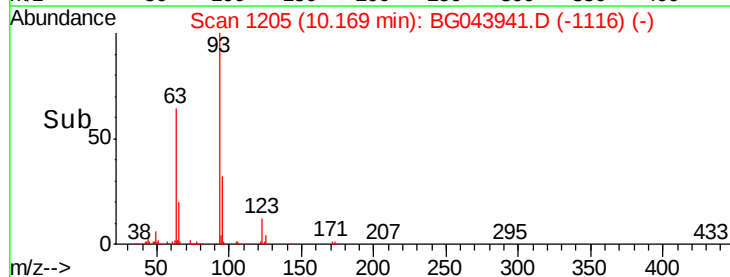
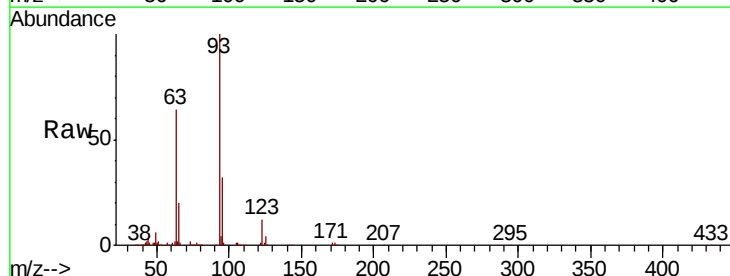
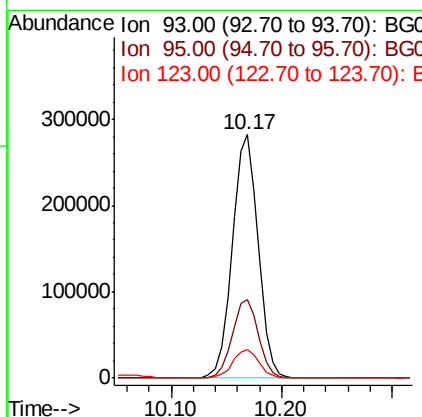
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#28
bis(2-Chloroethoxy)methane
Concen: 38.046 ng
RT: 10.17 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	460599		
95	32.3	27.2	40.8	
123	11.9	9.7	14.5	





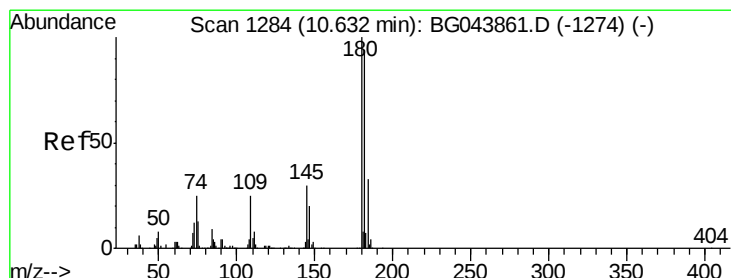
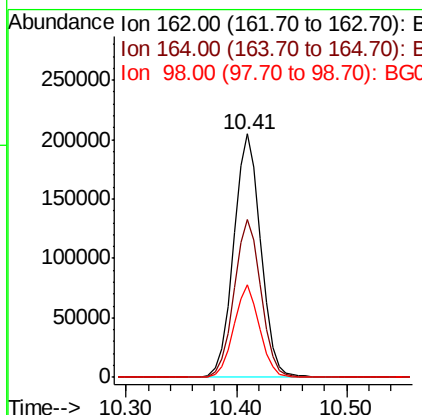
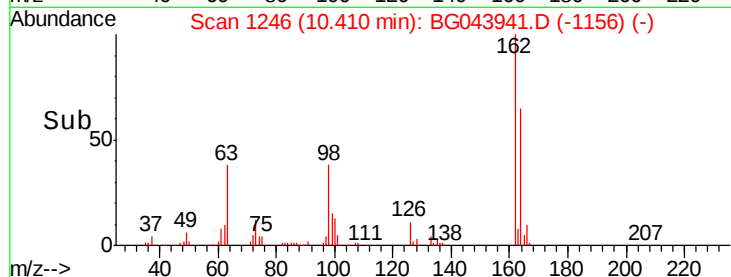
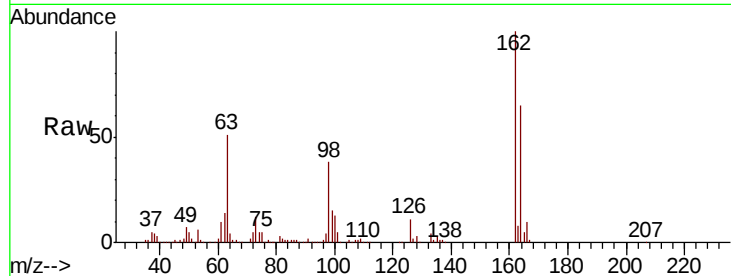
#29
 2,4-Dichlorophenol
 Concen: 43.311 ng
 RT: 10.41 min Scan# 1246
 Delta R.T. 0.00 min
 Lab File: BG043941.D
 Acq: 6 Jan 2020 21:31

Instrument :
 BNA_G
 ClientSampleID :
 IDOC-S-04-CG

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.0	46.3	86.3
98	37.9	17.3	57.3

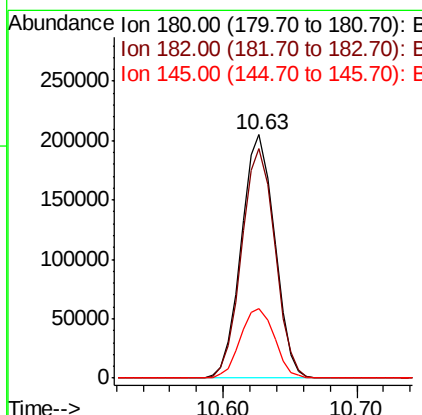
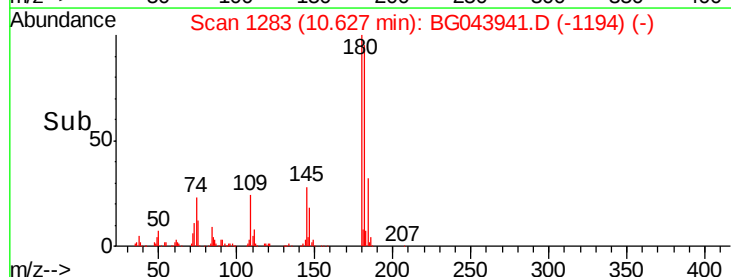
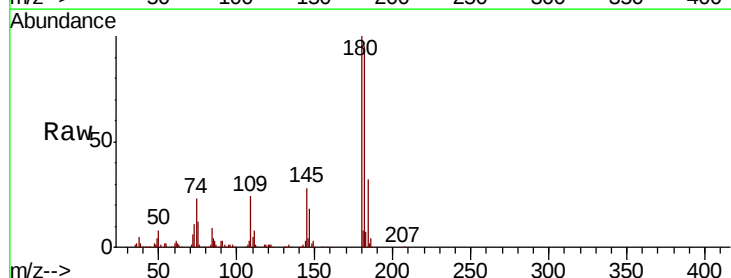
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.756 ng
 RT: 10.63 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: BG043941.D
 Acq: 6 Jan 2020 21:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	75.0	112.4
145	28.5	24.2	36.4





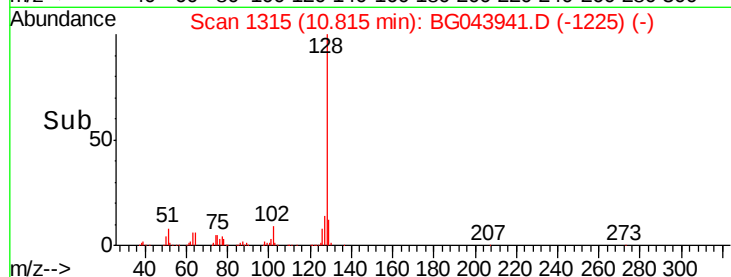
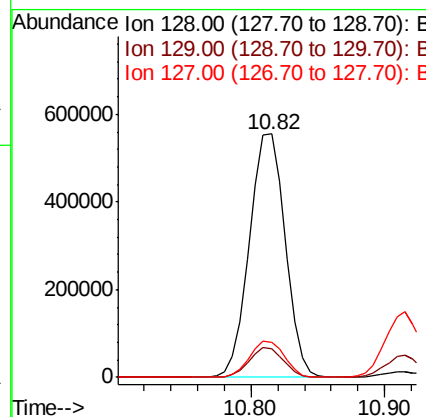
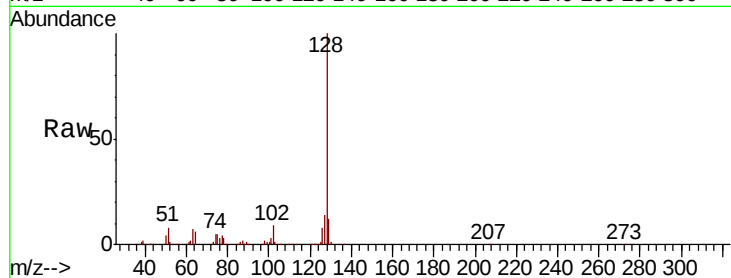
#31
Naphthalene
Concen: 40.956 ng
RT: 10.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

Instrument :
BNA_G
ClientSampleId :
IDOC-S-04-CG

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.8	14.6
127	14.4	12.0	18.0

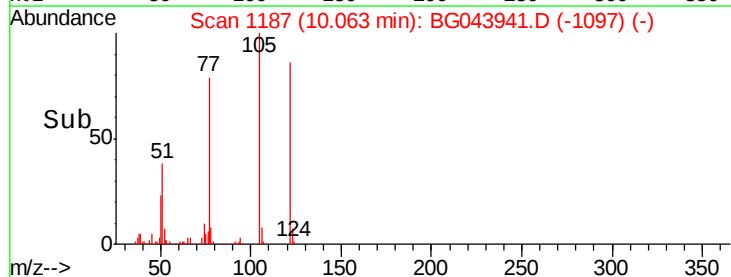
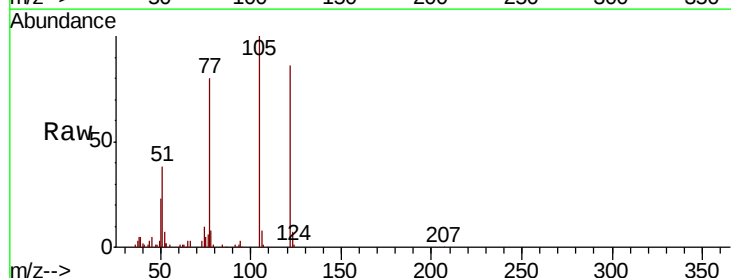
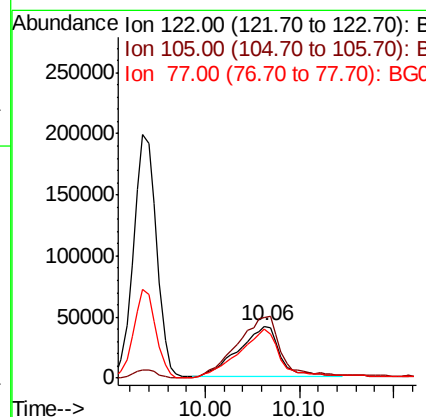
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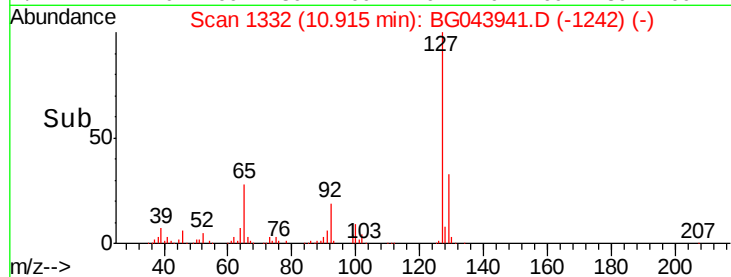
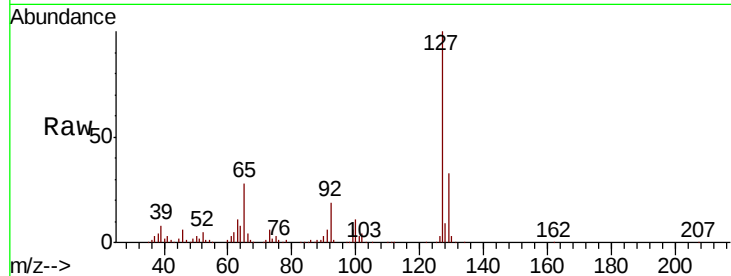
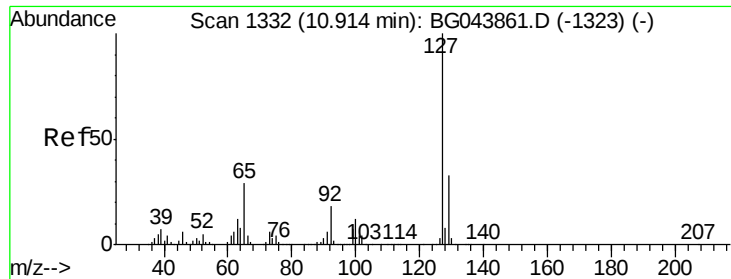
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#32
Benzoic acid
Concen: 26.524 ng
RT: 10.06 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

Tgt Ion	Ratio	Lower	Upper
122	100		
105	116.8	106.4	146.4
77	93.3	74.6	114.6





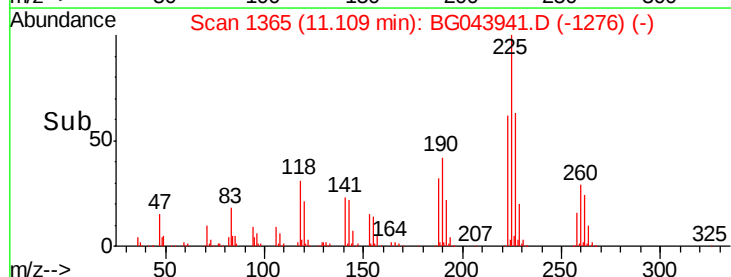
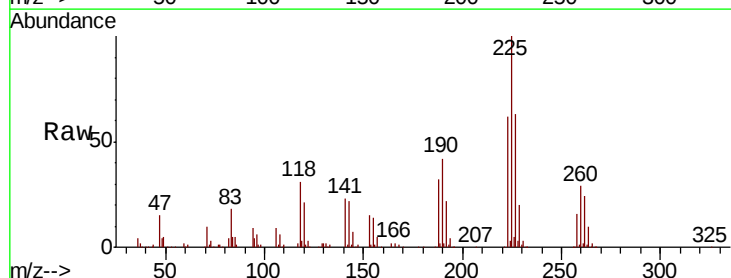
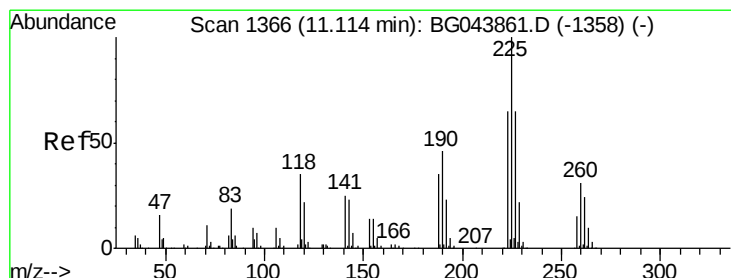
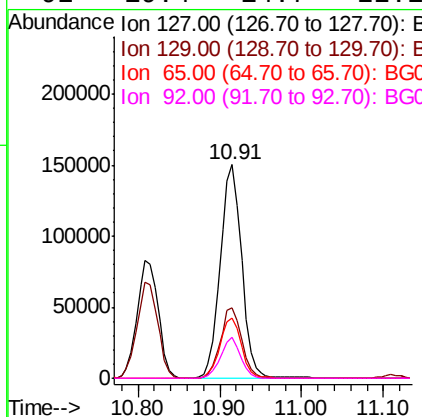
#33
4-Chloroaniline
Concen: 23.074 ng
RT: 10.91 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

Instrument :
BNA_G
ClientSampleId :
IDOC-S-04-CG

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.6	40.0
65	28.4	23.3	34.9
92	19.4	14.7	22.1

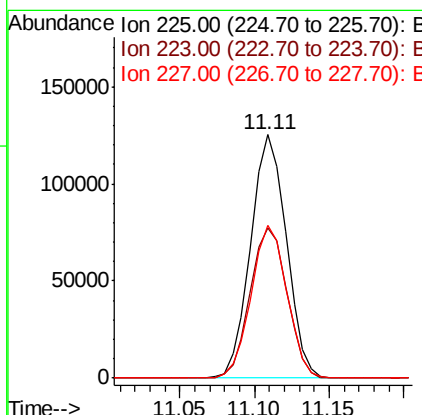
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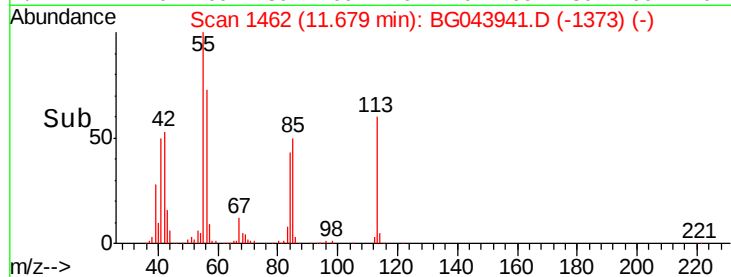
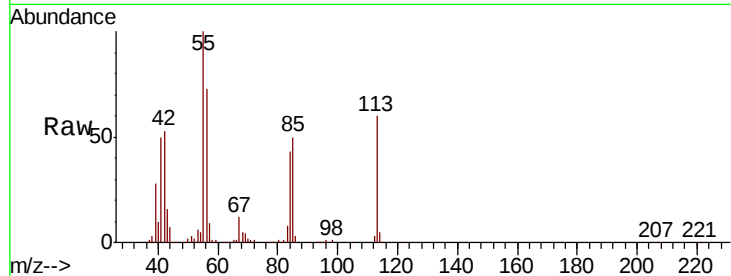
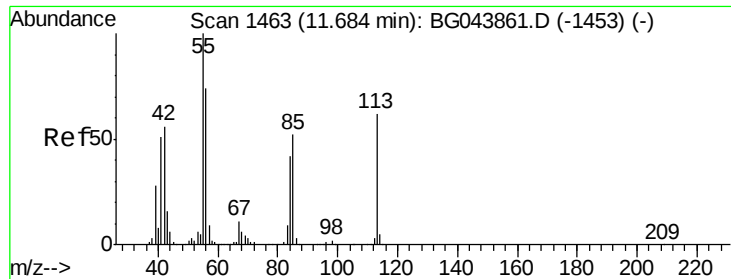
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#34
Hexachlorobutadiene
Concen: 37.133 ng
RT: 11.11 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.6	52.2	78.4
227	62.9	52.1	78.1





#35

Caprolactam

Concen: 42.502 ng/mL

RT: 11.68 min Scan# 1462

Delta R.T. -0.00 min

Lab File: BG043941.D

Acq: 6 Jan 2020 21:31

Tot Ion:	113	Resp:	128853
Ion	Ratio	Lower	Upper
113	100		
55	166.0	142.5	182.5
56	120.9	101.4	141.4

Instrument :

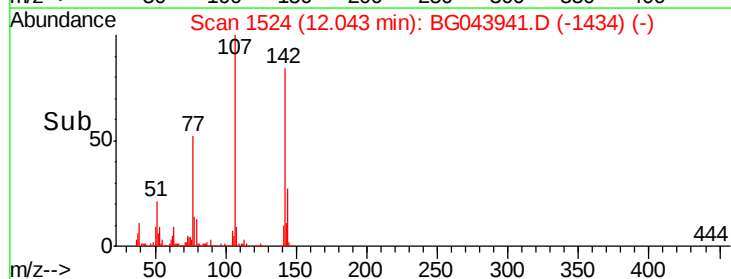
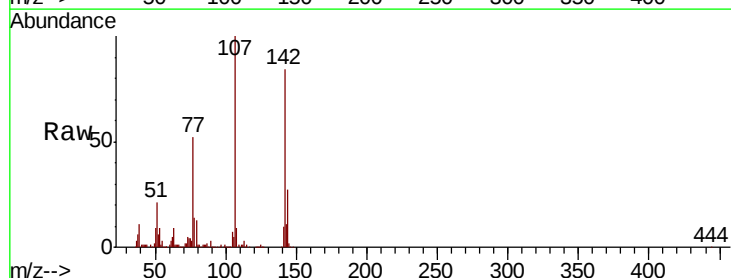
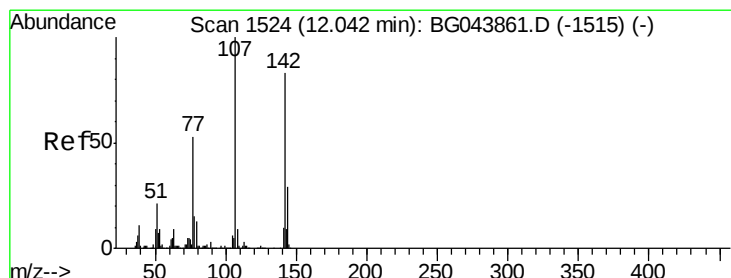
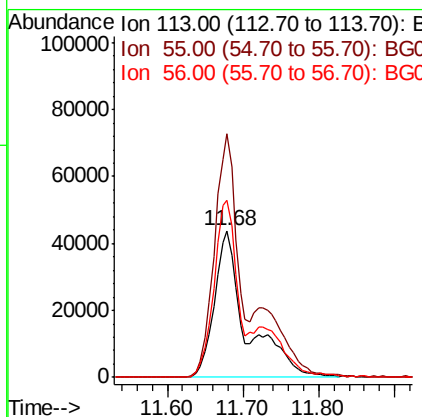
BNA_G

ClientSampleId :

IDOC-S-04-CG

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#36

4-Chloro-3-methylphenol

Concen: 42.826 ng/mL

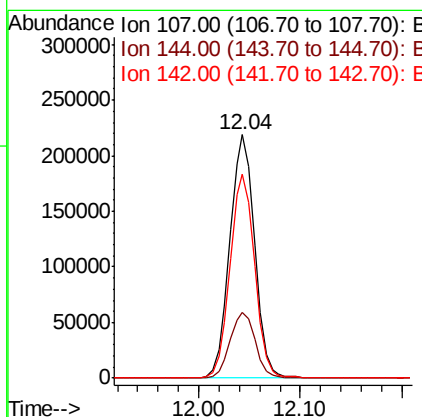
RT: 12.04 min Scan# 1524

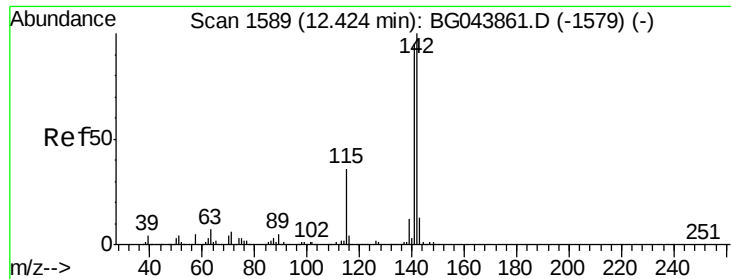
Delta R.T. 0.00 min

Lab File: BG043941.D

Acq: 6 Jan 2020 21:31

Tgt Ion:	107	Resp:	371288
Ion	Ratio	Lower	Upper
107	100		
144	27.2	23.4	35.2
142	83.6	66.3	99.5





#37

2-Methylnaphthalene

Concen: 41.008 ng

RT: 12.42 min Scan# 1588

Delta R.T. -0.00 min

Lab File: BG043941.D

Acq: 6 Jan 2020 21:31

Instrument :

BNA_G

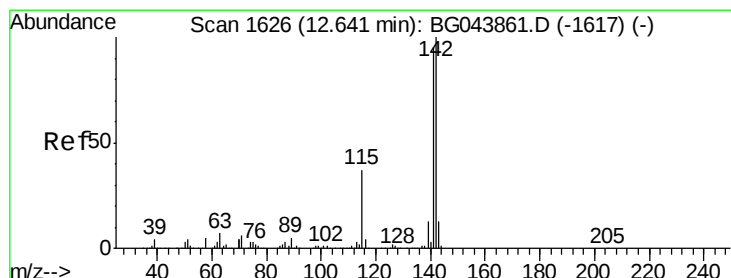
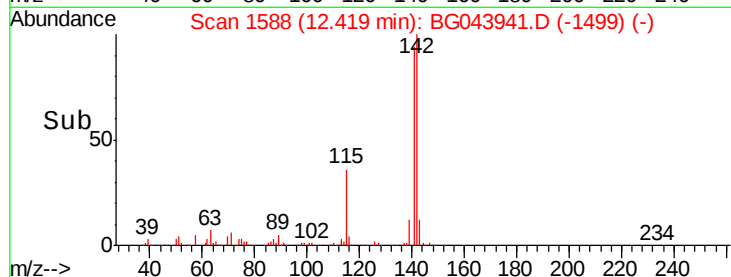
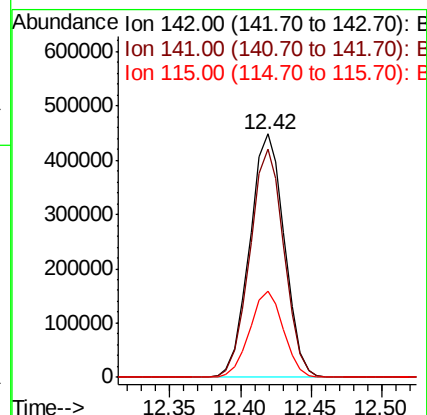
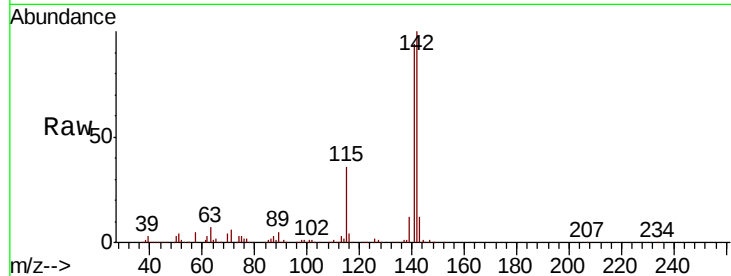
ClientSampleId :

IDOC-S-04-CG

Tot Ion:	142	Resp:	773596
Ion Ratio	Lower	Upper	
142	100		
141	93.6	75.8	113.8
115	35.7	28.6	42.8

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#38

1-Methylnaphthalene

Concen: 41.378 ng

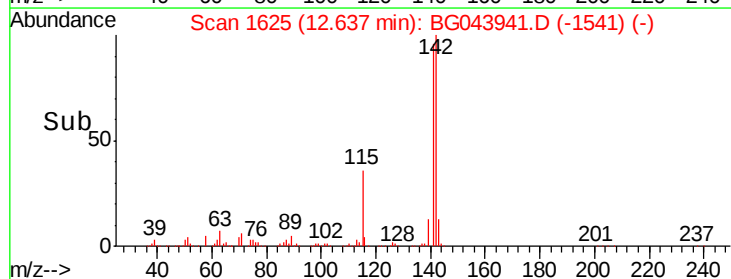
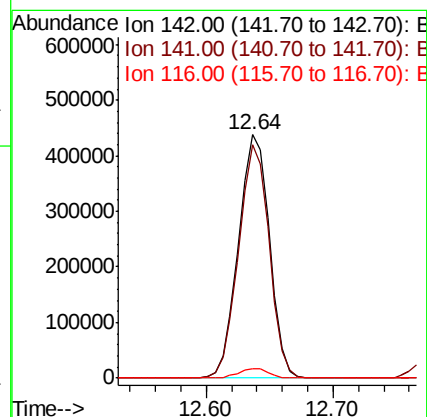
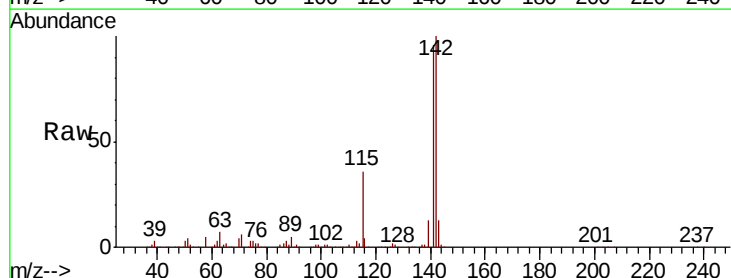
RT: 12.64 min Scan# 1625

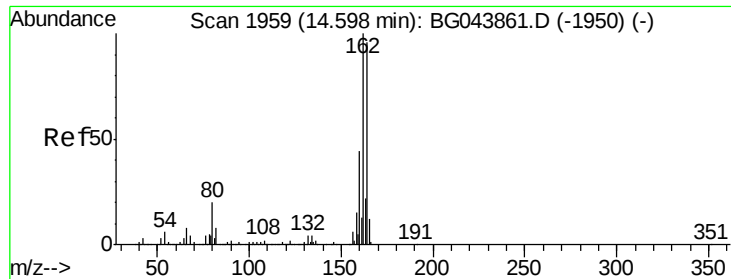
Delta R.T. -0.00 min

Lab File: BG043941.D

Acq: 6 Jan 2020 21:31

Tgt Ion:	142	Resp:	739806
Ion Ratio	Lower	Upper	
142	100		
141	95.6	76.0	114.0
116	3.9	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BG043941.D

Acq: 6 Jan 2020 21:31

Instrument :

BNA_G

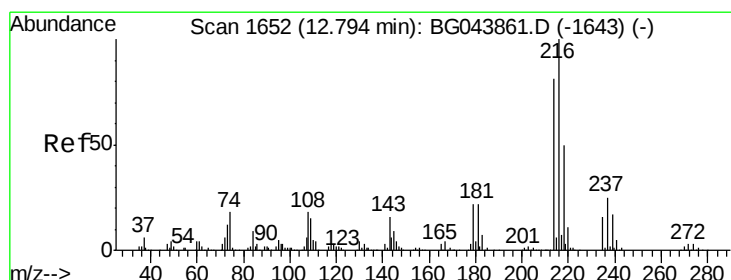
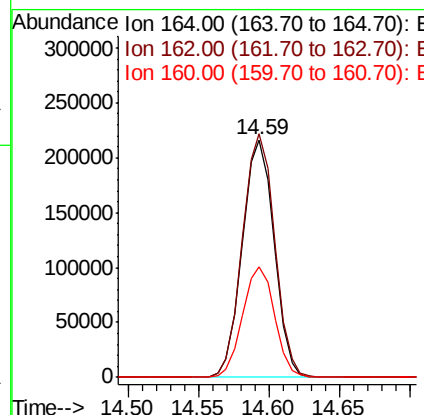
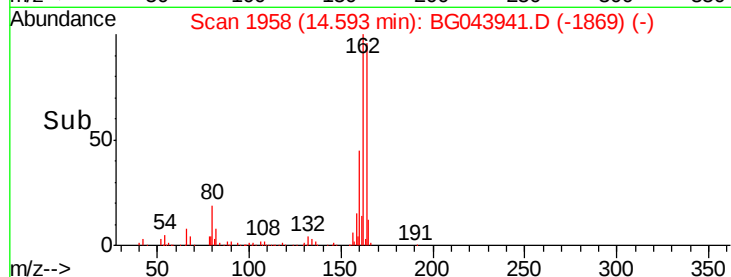
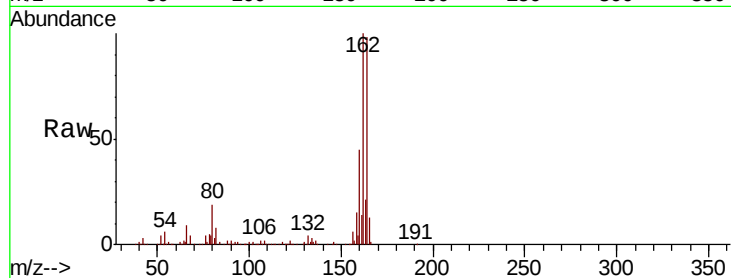
ClientSampleId :

IDOC-S-04-CG

Tot Ion:	164	Resp:	341982
Ion Ratio	Lower	Upper	
164	100		
162	102.5	83.0	124.4
160	46.3	36.1	54.1

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.473 ng

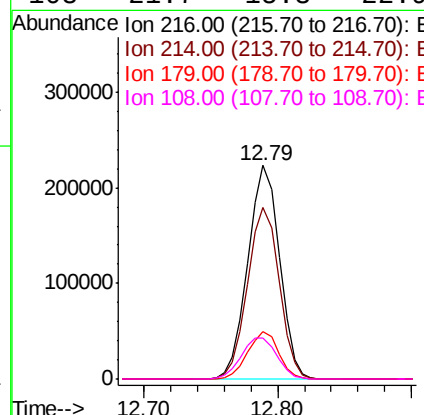
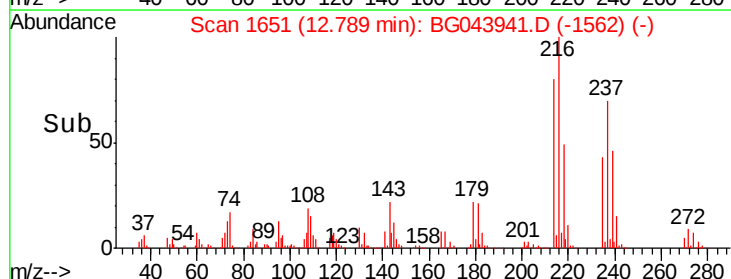
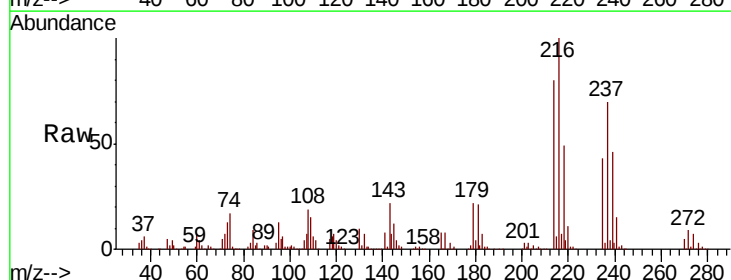
RT: 12.79 min Scan# 1651

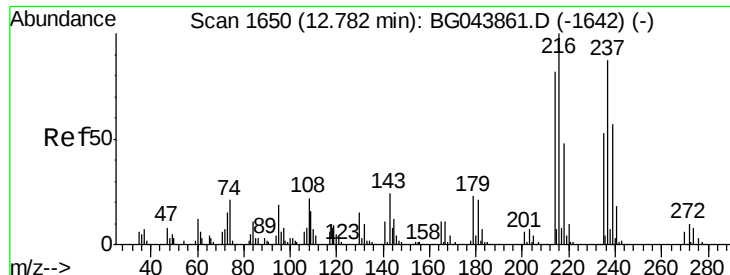
Delta R.T. -0.00 min

Lab File: BG043941.D

Acq: 6 Jan 2020 21:31

Tgt Ion:	216	Resp:	365588
Ion Ratio	Lower	Upper	
216	100		
214	80.3	63.8	95.8
179	21.6	17.3	25.9
108	21.7	15.3	22.9





#41

Hexachlorocyclopentadiene

Concen: 93.784 ng

RT: 12.78 min Scan# 1649

Delta R.T. -0.00 min

Lab File: BG043941.D

Acq: 6 Jan 2020 21:31

Instrument :

BNA_G

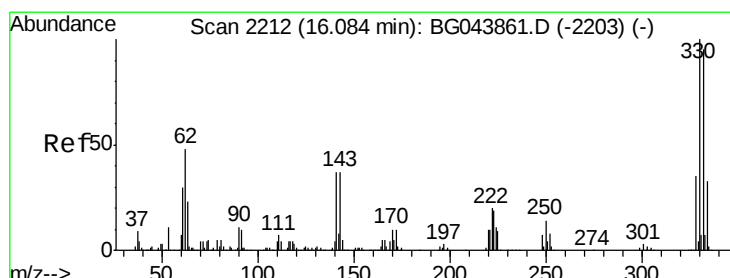
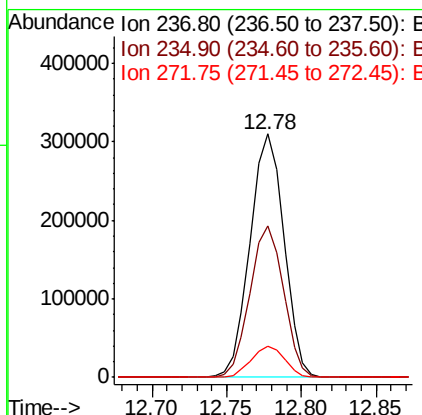
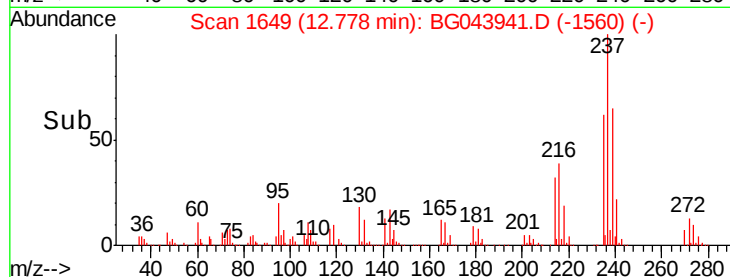
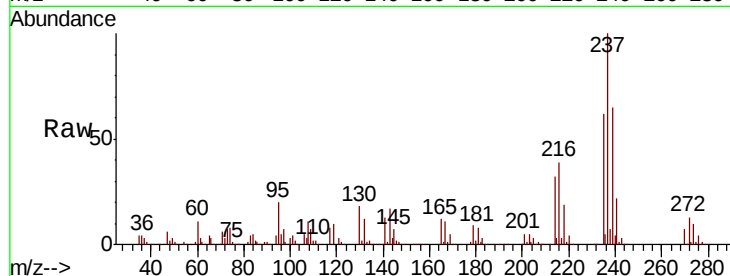
ClientSampleId :

IDOC-S-04-CG

Tot Ion:	237	Resp:	487353
Ion Ratio	Lower	Upper	
237	100		
235	62.2	41.1	81.1
272	12.8	0.0	31.7

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#42

2,4,6-Tribromophenol

Concen: 118.931 ng

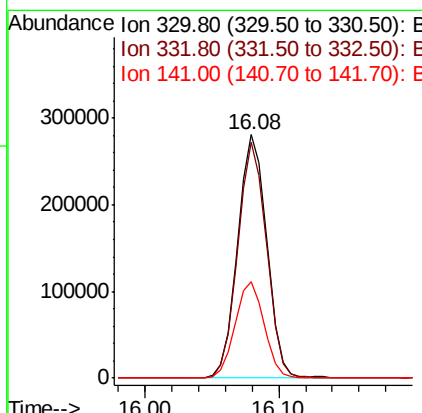
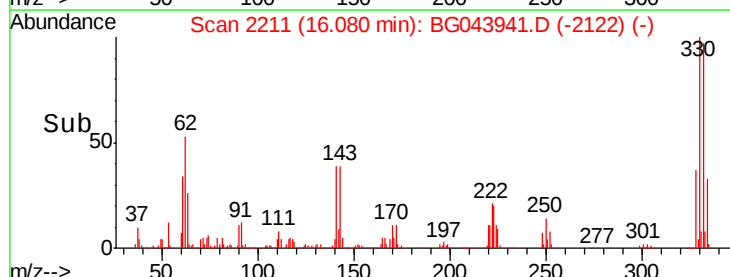
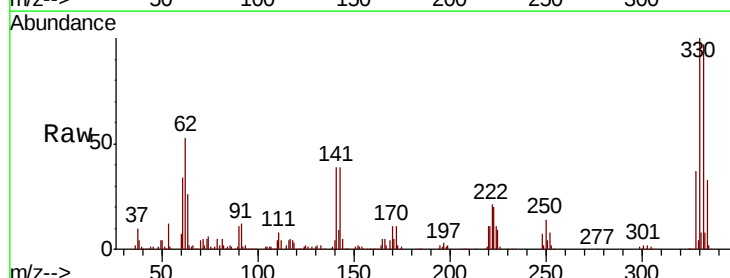
RT: 16.08 min Scan# 2211

Delta R.T. -0.00 min

Lab File: BG043941.D

Acq: 6 Jan 2020 21:31

Tgt Ion:	330	Resp:	425627
Ion Ratio	Lower	Upper	
330	100		
332	95.7	77.2	115.8
141	39.5	33.1	49.7





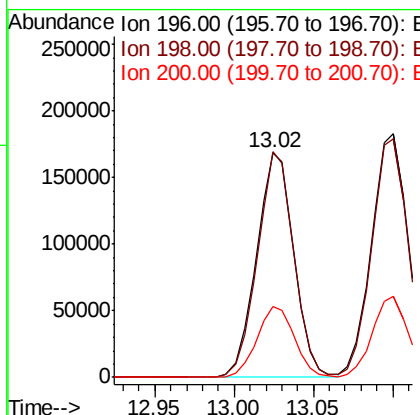
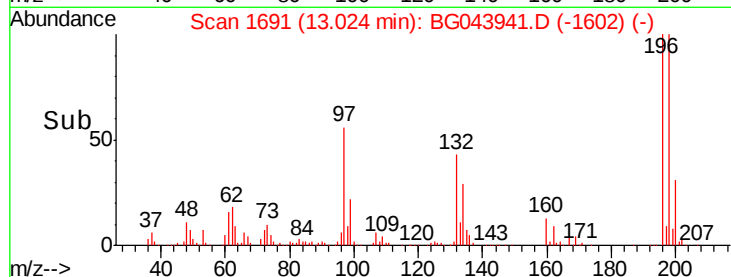
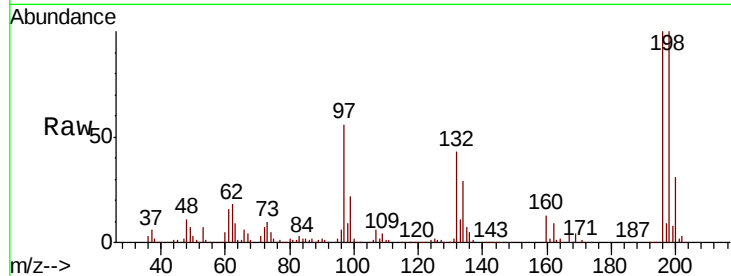
#43
 2,4,6-Trichlorophenol
 Concen: 39.943 ng
 RT: 13.02 min Scan# 1691
 Delta R.T. -0.00 min
 Lab File: BG043941.D
 Acq: 6 Jan 2020 21:31

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-S-04-CG

Tot Ion	Ratio	Resp	Lower	Upper
196	100	275488		
198	100.2	76.6	115.0	
200	31.3	24.6	37.0	

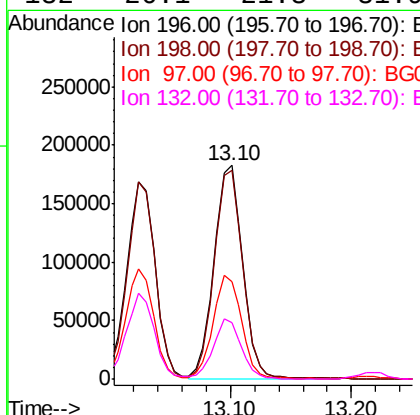
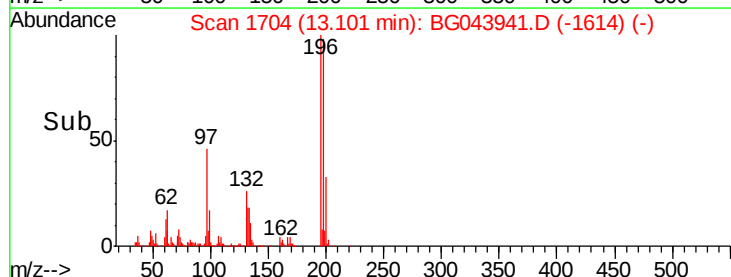
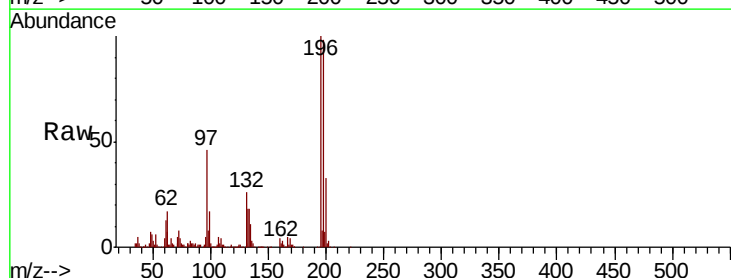
Manual Integrations
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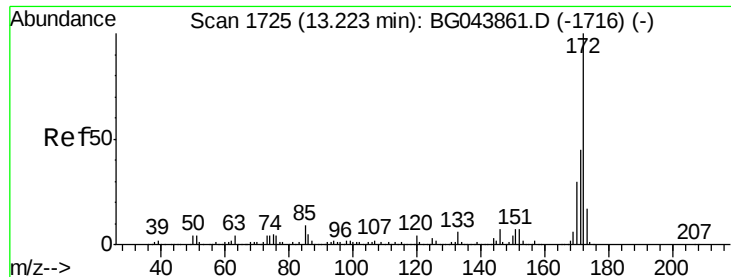
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 41.942 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. 0.00 min
 Lab File: BG043941.D
 Acq: 6 Jan 2020 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	298348		
198	97.9	78.3	117.5	
97	45.8	38.8	58.2	
132	26.1	21.3	31.9	





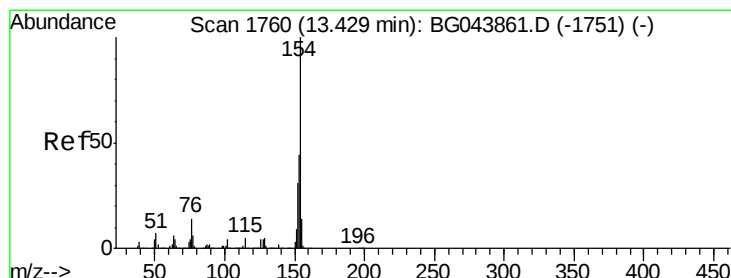
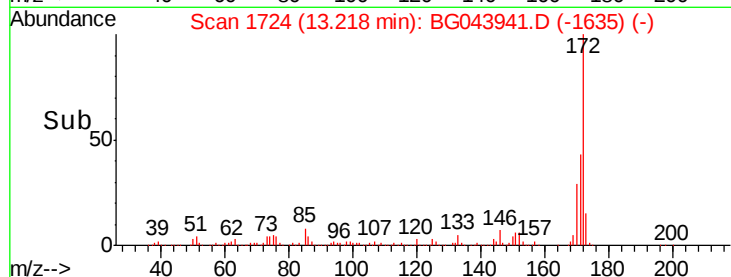
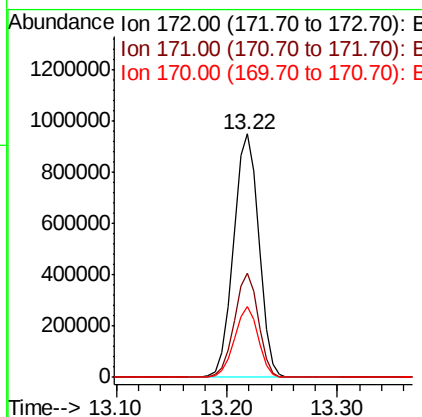
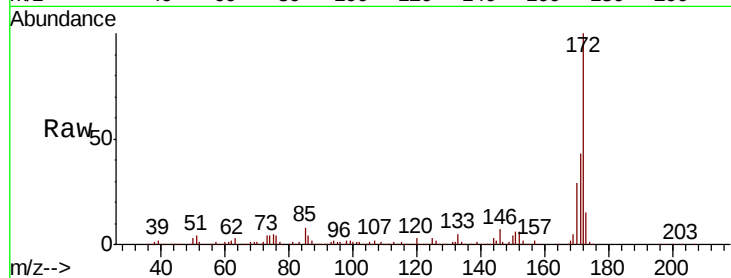
#45
2-Fluorobiphenyl
Concen: 80.950 ng
RT: 13.22 min Scan# 1724
Delta R.T. -0.00 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

Instrument :
BNA_G
ClientSampleId :
IDOC-S-04-CG

Tot Ion	Ratio	Lower	Upper
172	100		
171	42.6	35.8	53.8
170	28.9	24.2	36.4

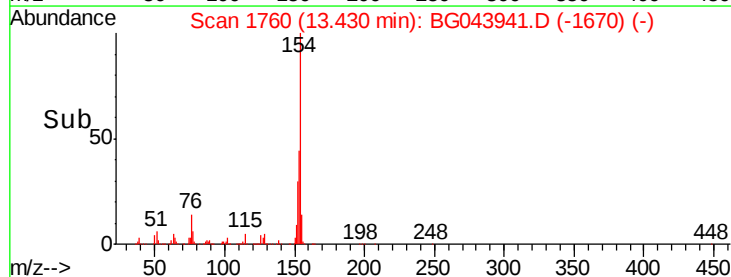
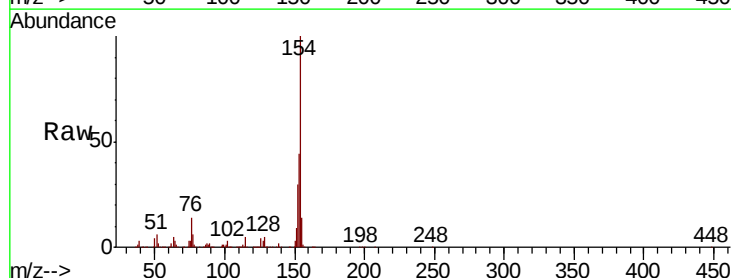
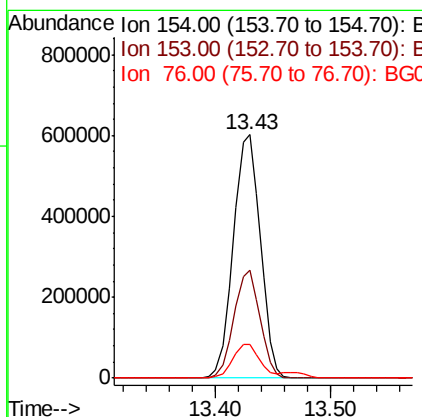
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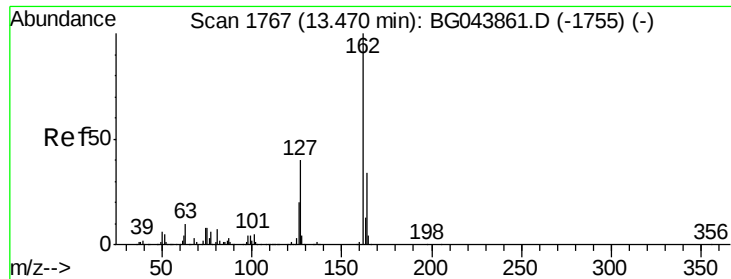
mohammad
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#46
1,1'-Biphenyl
Concen: 39.684 ng
RT: 13.43 min Scan# 1760
Delta R.T. 0.00 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.2	23.6	63.6
76	13.6	0.0	34.4





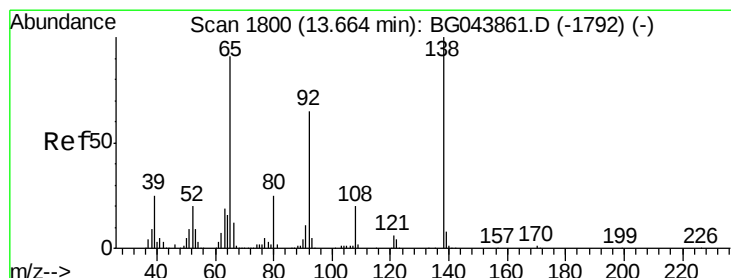
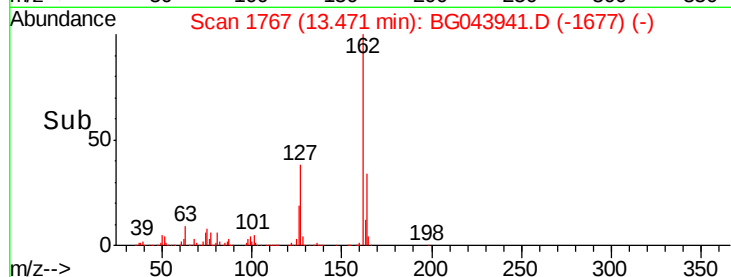
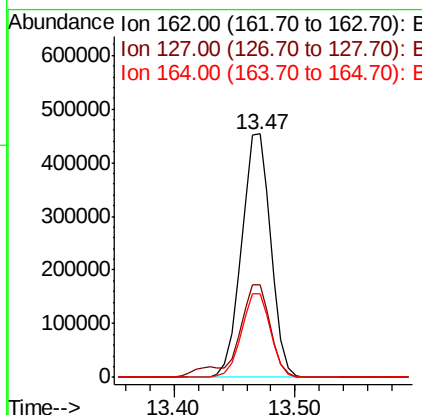
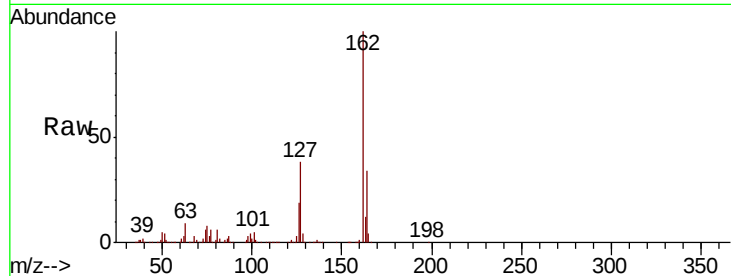
#47
2-Chloronaphthalene
Concen: 38.593 ng
RT: 13.47 min Scan# 1767
Delta R.T. 0.00 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

Instrument :
BNA_G
ClientSampleId :
IDOC-S-04-CG

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.2	32.1	48.1
164	34.4	27.5	41.3

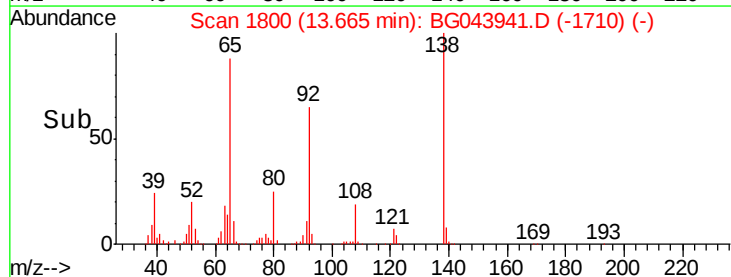
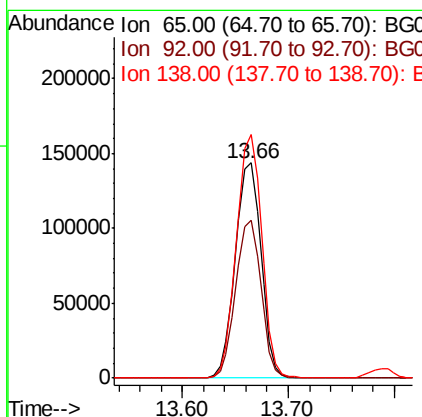
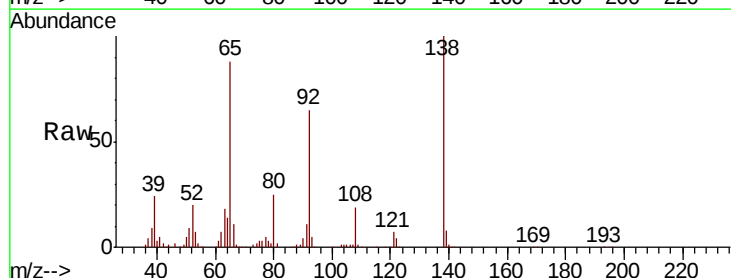
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#48
2-Nitroaniline
Concen: 38.160 ng
RT: 13.66 min Scan# 1800
Delta R.T. 0.00 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.3	57.4	86.2
138	113.0	88.2	132.4





#49

Acenaphthylene

Concen: 42.014 ng

RT: 14.31 min Scan# 1910

Delta R.T. -0.00 min

Lab File: BG043941.D

Acq: 6 Jan 2020 21:31

Instrument :

BNA_G

ClientSampleId :

IDOC-S-04-CG

Tot Ion:152 Resp: 1196452

Ion Ratio Lower Upper

152 100

151 23.6 19.4 29.2

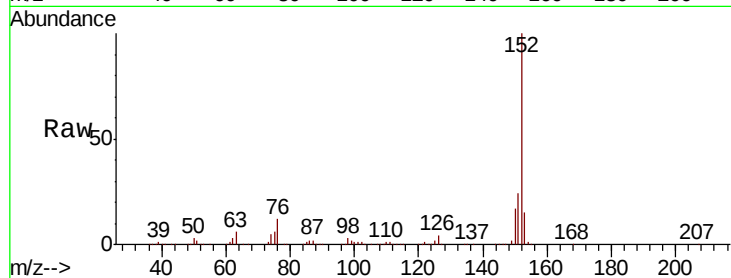
153 15.1 12.0 18.0

Manual Integrations

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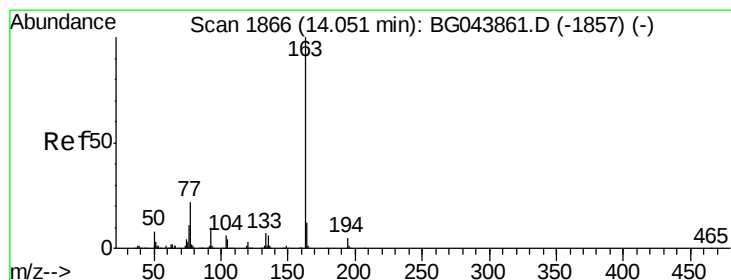
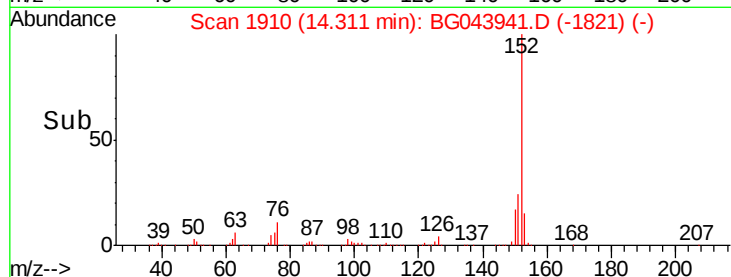
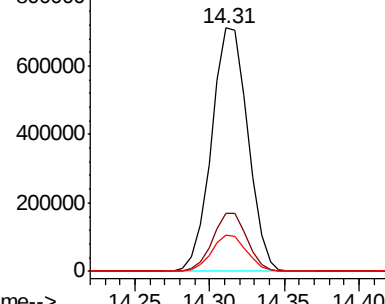
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.789 ng

RT: 14.05 min Scan# 1865

Delta R.T. -0.00 min

Lab File: BG043941.D

Acq: 6 Jan 2020 21:31

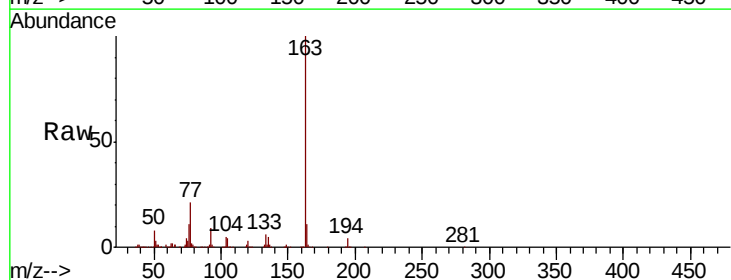
Tgt Ion:163 Resp: 966158

Ion Ratio Lower Upper

163 100

194 4.2 3.7 5.5

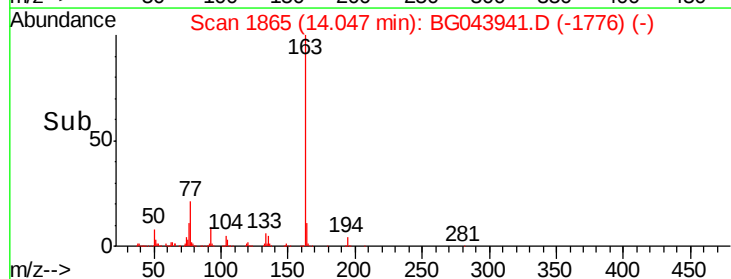
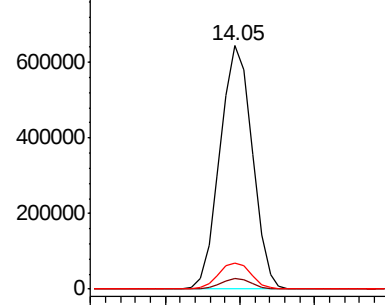
164 10.8 9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





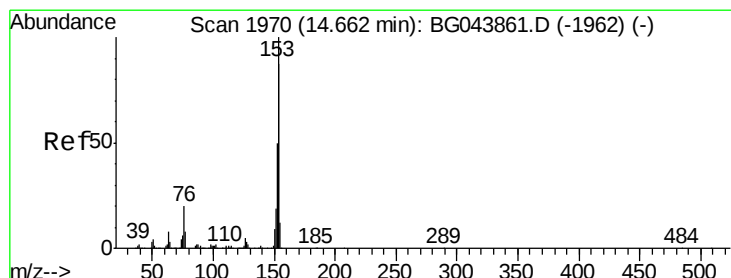
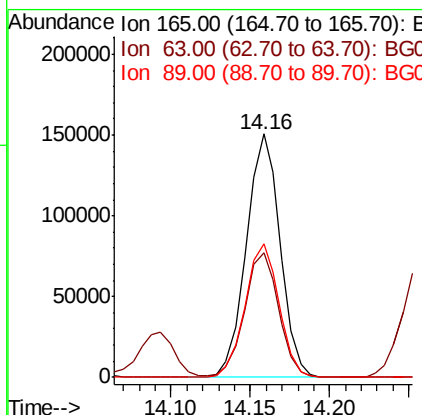
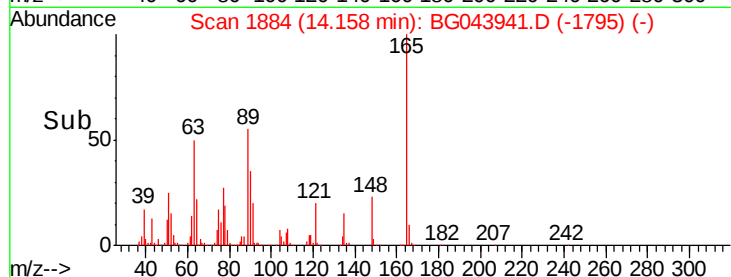
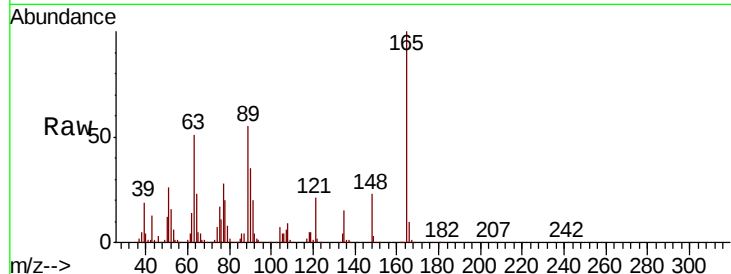
#51
2,6-Dinitrotoluene
Concen: 40.540 ng
RT: 14.16 min Scan# 1884
Delta R.T. -0.00 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

Instrument :
BNA_G
ClientSampleId :
IDOC-S-04-CG

Tot Ion	Ratio	Resp	Lower	Upper
165	100	222494		
63	51.3		43.1	64.7
89	54.6		43.8	65.6

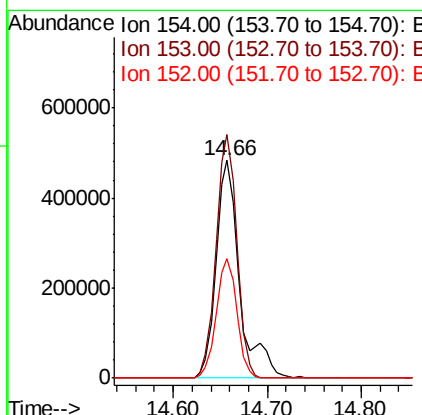
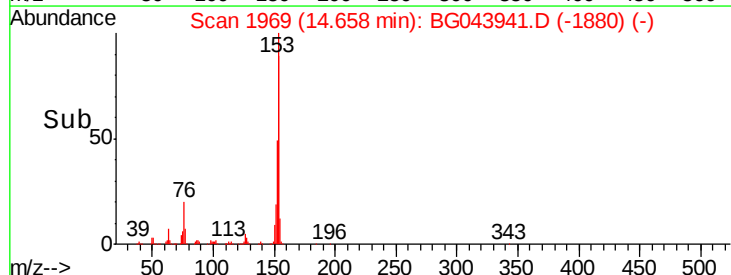
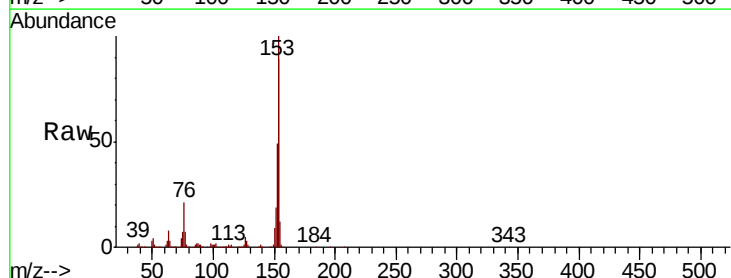
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#52
Acenaphthene
Concen: 42.648 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	851727		
153	111.9		91.6	137.4
152	54.7		45.4	68.0





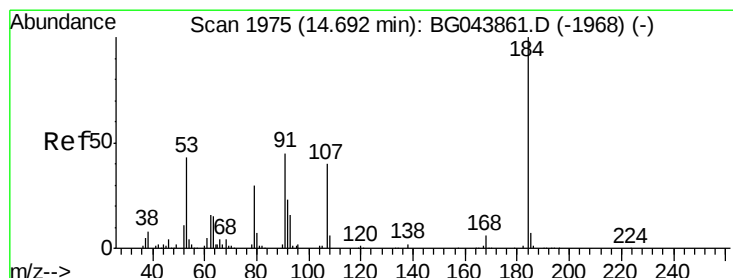
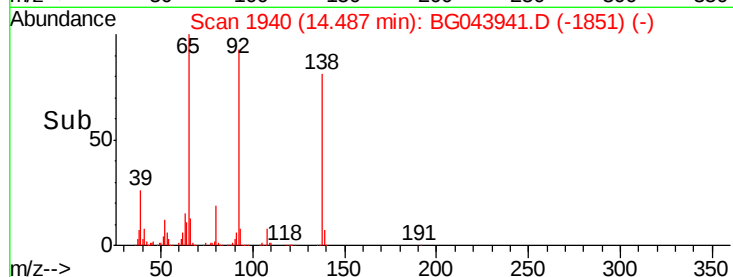
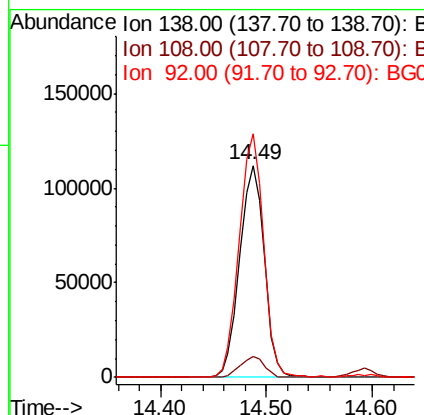
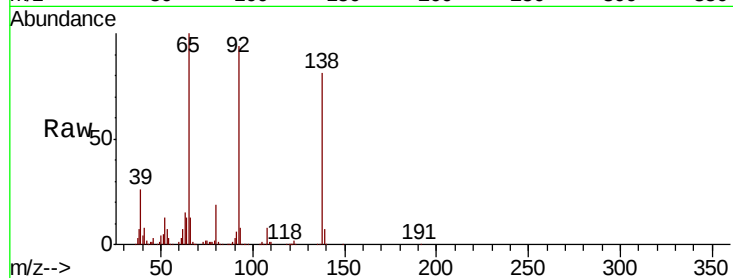
#53
3-Nitroaniline
Concen: 28.907 ng
RT: 14.49 min Scan# 1940
Delta R.T. -0.00 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

Instrument :
BNA_G
ClientSampleId :
IDOC-S-04-CG

Tot Ion	Ratio	Resp	Lower	Upper
138	100	180164		
108	9.7	7.4	11.2	
92	115.1	92.1	138.1	

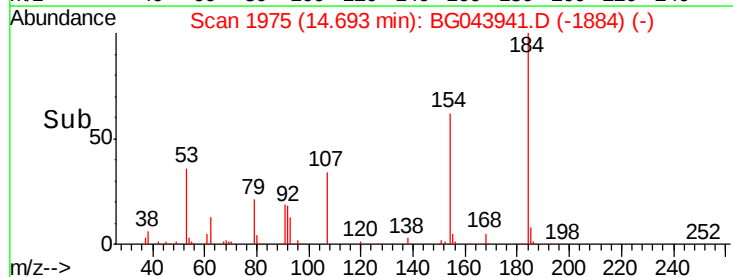
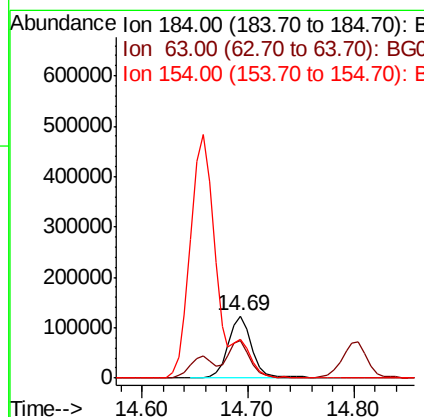
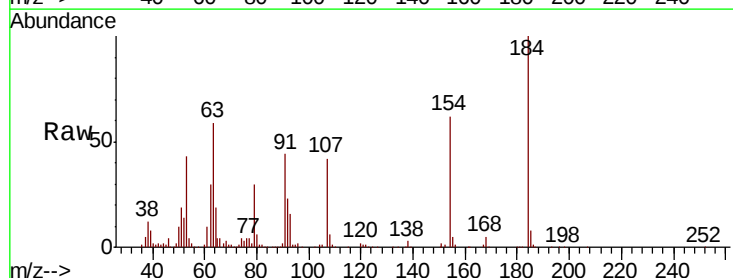
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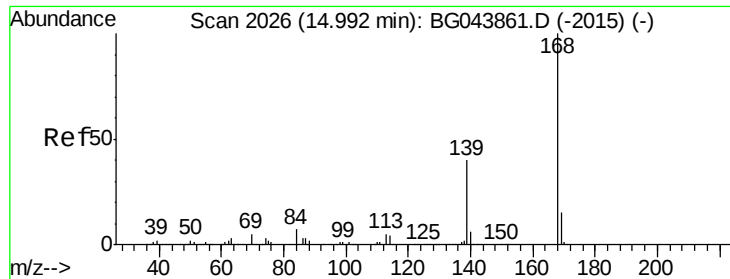
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#54
2,4-Dinitrophenol
Concen: 69.075 ng
RT: 14.69 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	190888		
63	59.2	46.6	70.0	
154	61.6	50.2	75.4	





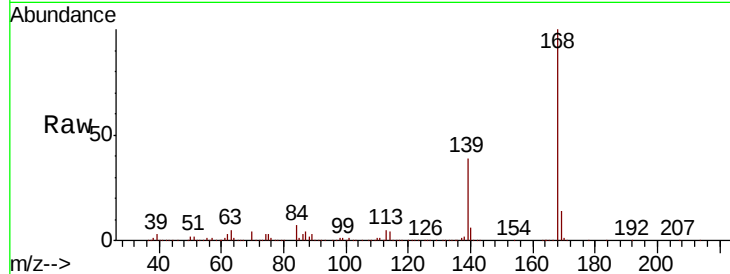
#55
Dibenzenofuran
Concen: 41.751 ng
RT: 14.99 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

Instrument :
BNA_G
ClientSampleId :
IDOC-S-04-CG

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.3	32.2	48.2
169	14.4	12.2	18.2

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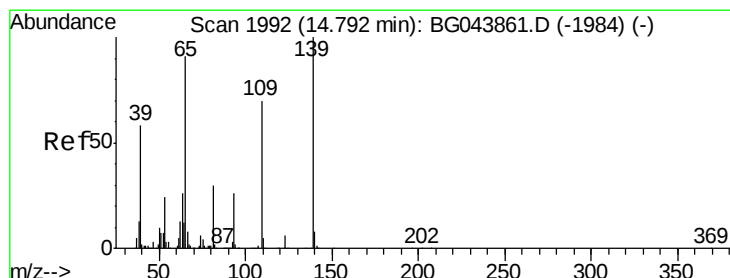
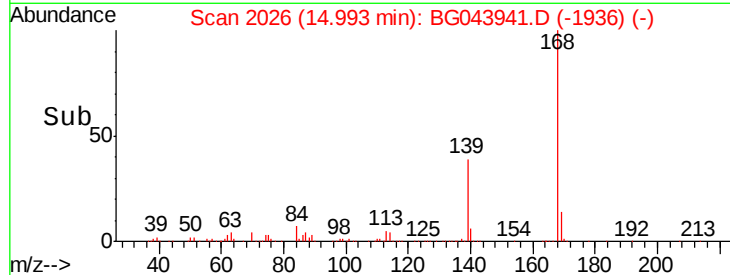
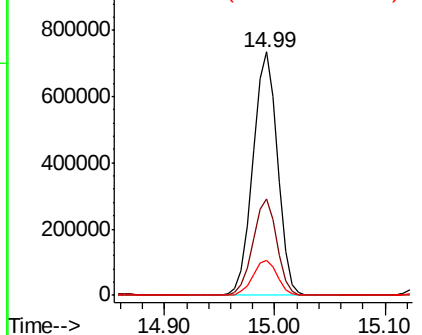


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 89.768 ng
RT: 14.80 min Scan# 1994
Delta R.T. 0.01 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

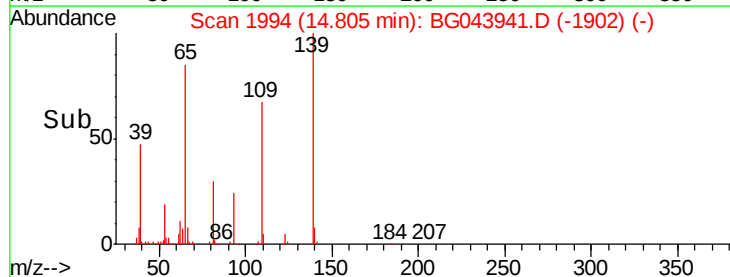
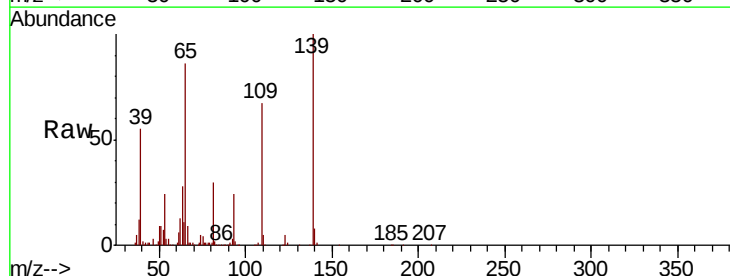
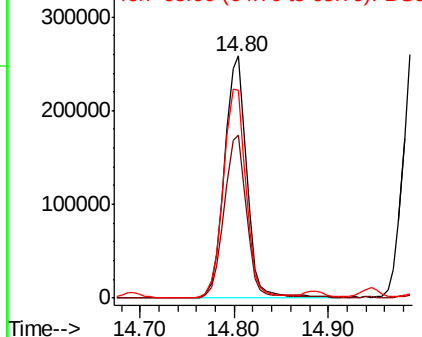
Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.1	50.4	90.4
65	86.0	71.4	111.4

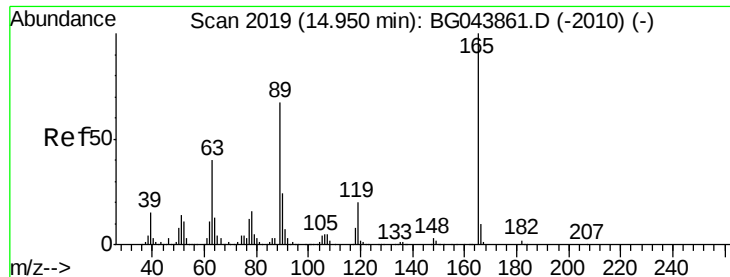
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





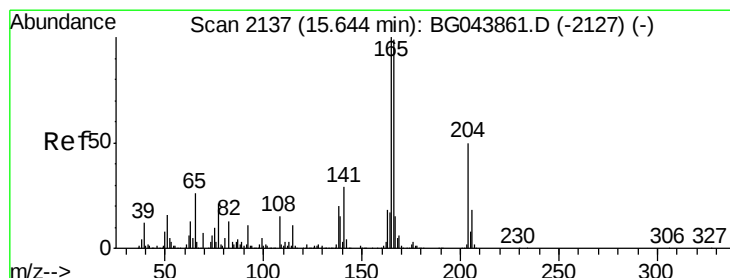
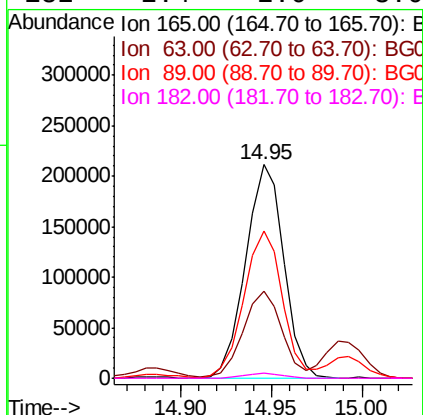
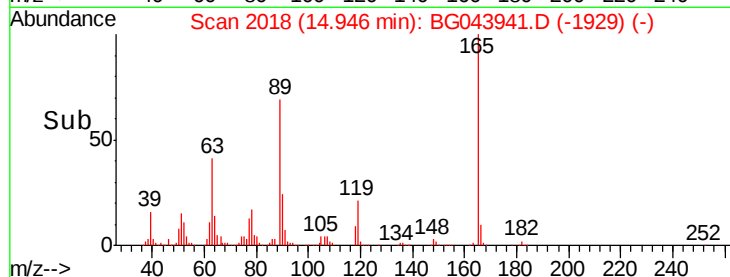
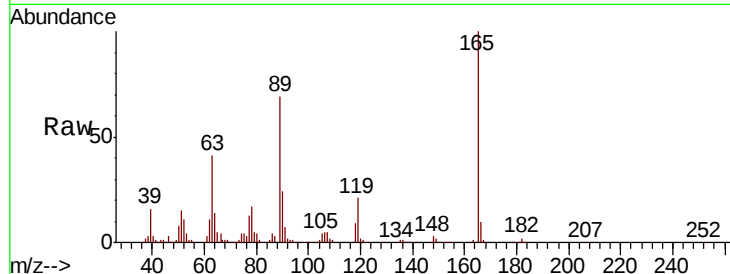
#57
2,4-Dinitrotoluene
Concen: 41.444 ng
RT: 14.95 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

Instrument :
BNA_G
ClientSampleId :
IDOC-S-04-CG

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		309499		
63	40.9	31.9	47.9		
89	69.1	53.8	80.6		
182	2.4	2.0	3.0		

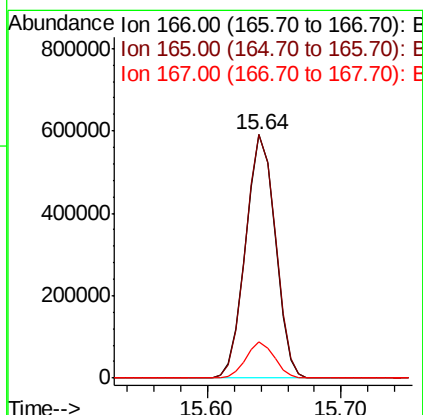
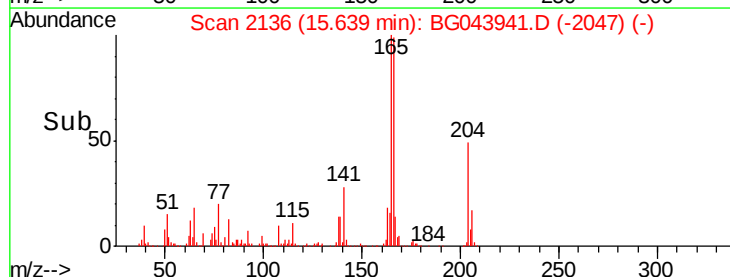
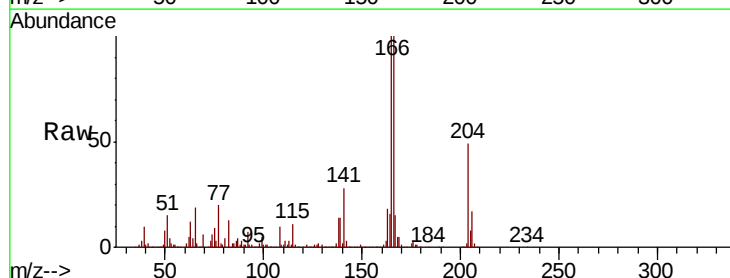
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#58
Fluorene
Concen: 41.516 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.00 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		904661		
165	99.9	80.8	121.2		
167	14.8	12.1	18.1		





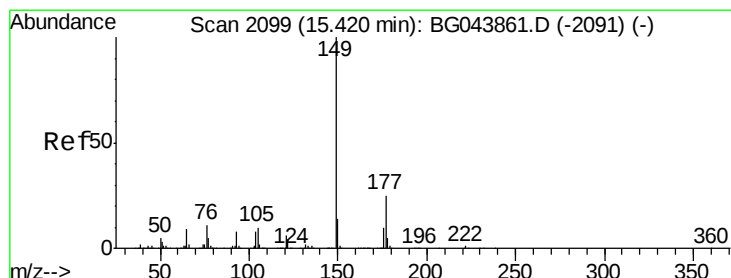
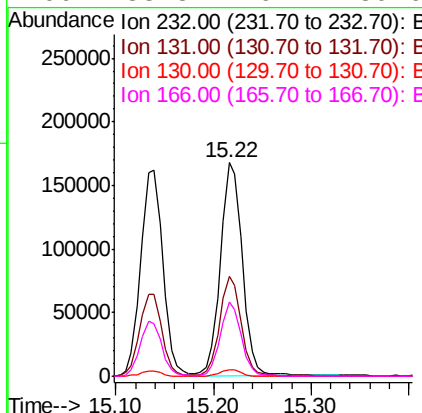
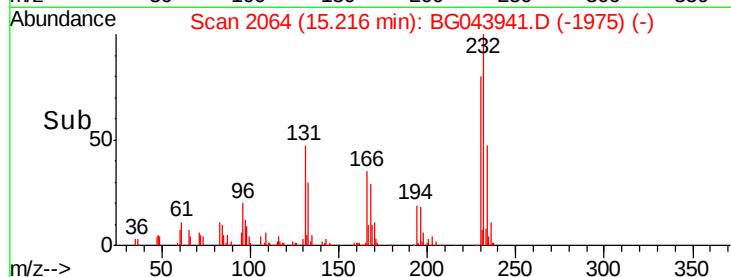
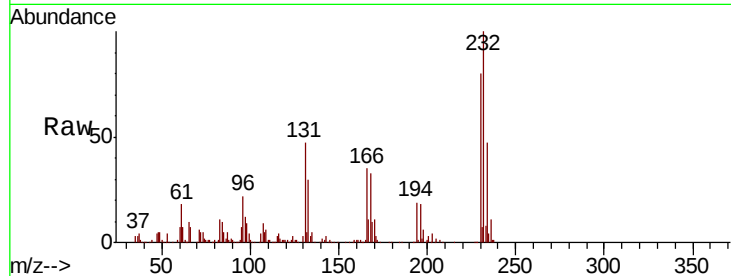
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.594 ng
RT: 15.22 min Scan# 2064
Delta R.T. -0.00 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

Instrument :
BNA_G
ClientSampleId :
IDOC-S-04-CG

Tot Ion	Ratio	Resp	Lower	Upper
232	100	260538		
131	45.4		38.2	57.2
130	2.8		2.2	3.2
166	33.3		26.4	39.6

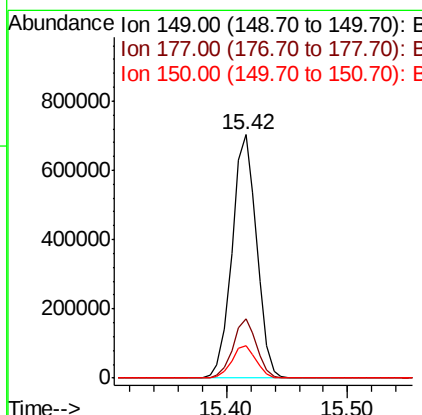
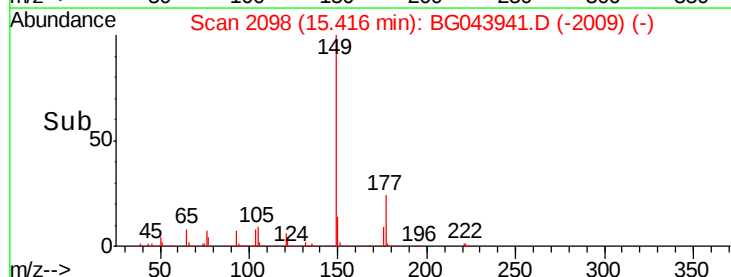
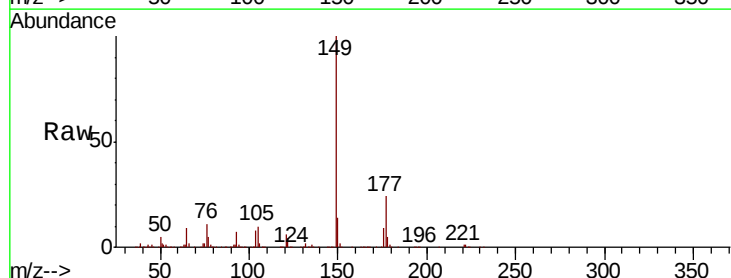
Manual Integrations
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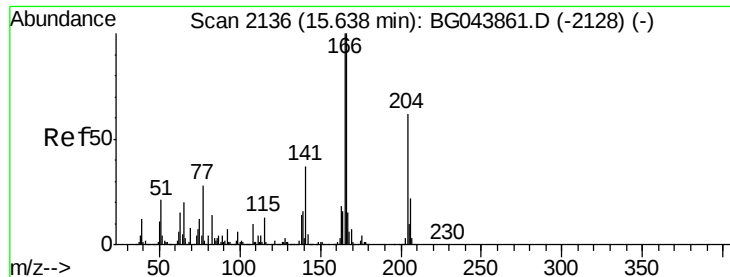
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#60
Diethylphthalate
Concen: 40.903 ng
RT: 15.42 min Scan# 2098
Delta R.T. -0.00 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	993404		
177	24.3		20.0	30.0
150	13.5		11.1	16.7





#61

4-Chlorophenyl-phenylether

Concen: 39.705 ng

RT: 15.63 min Scan# 2135

Delta R.T. -0.00 min

Lab File: BG043941.D

Acq: 6 Jan 2020 21:31

Instrument :

BNA_G

ClientSampleId :

IDOC-S-04-CG

Tot Ion:204 Resp: 469796

Ion Ratio Lower Upper

204 100

206 36.2 28.2 42.2

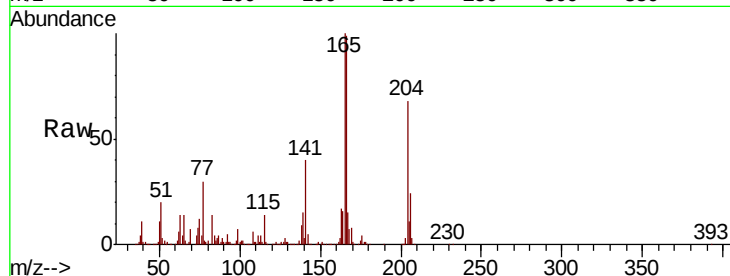
141 59.7 48.2 72.2

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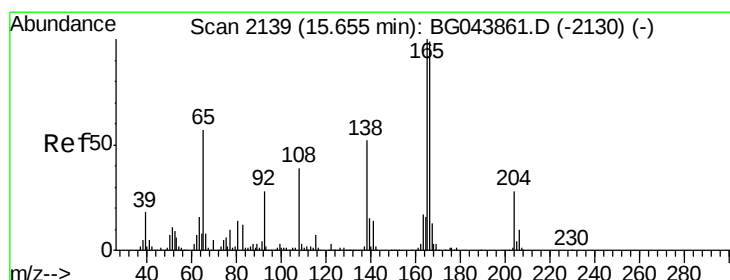
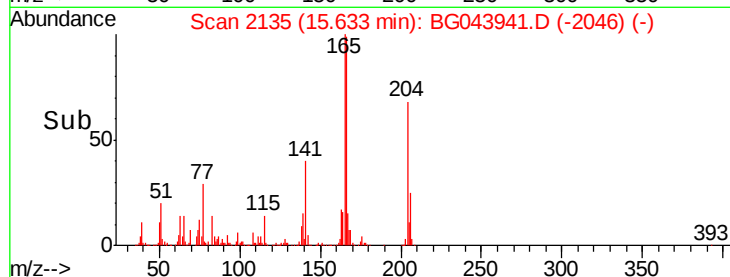
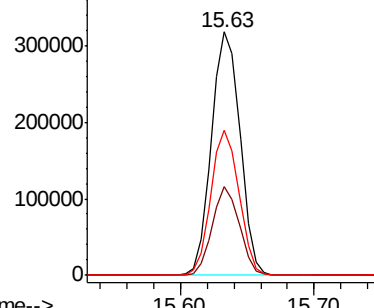


Abundance

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: 39.520 ng

RT: 15.65 min Scan# 2138

Delta R.T. -0.00 min

Lab File: BG043941.D

Acq: 6 Jan 2020 21:31

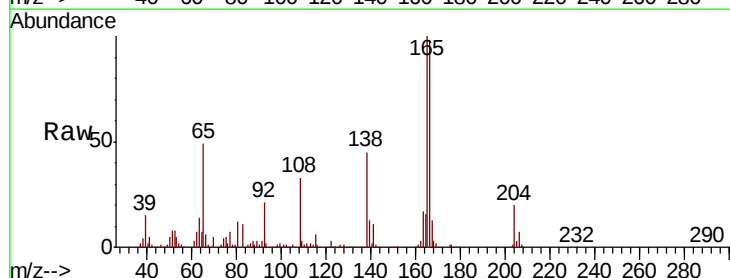
Tgt Ion:138 Resp: 243235

Ion Ratio Lower Upper

138 100

92 47.0 34.3 74.3

108 74.2 55.0 95.0

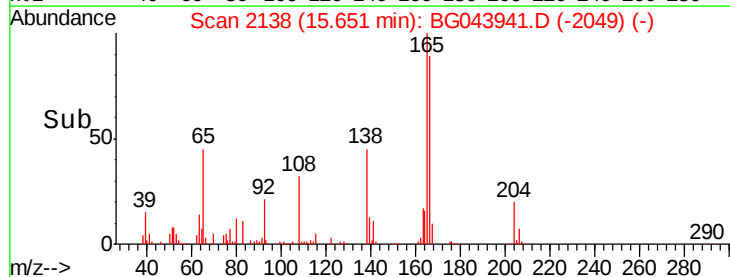
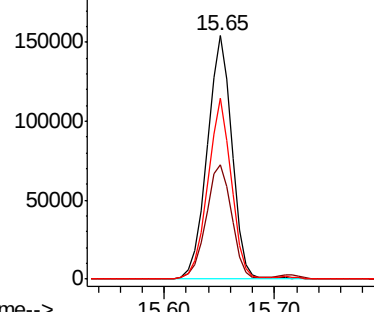


Abundance

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





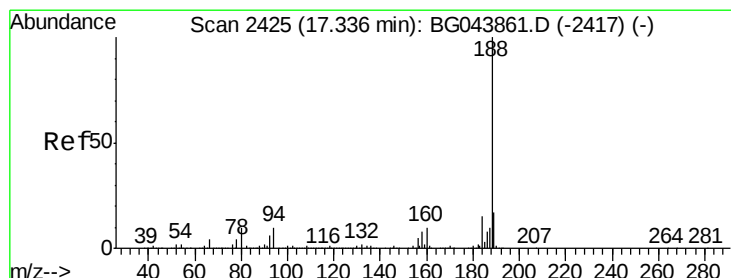
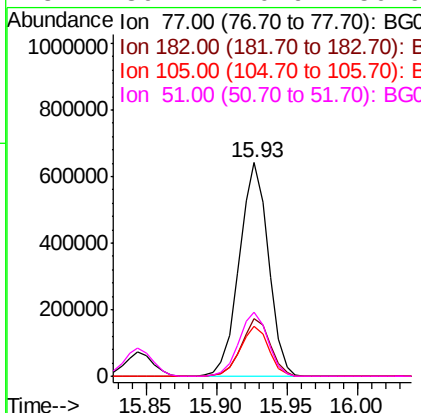
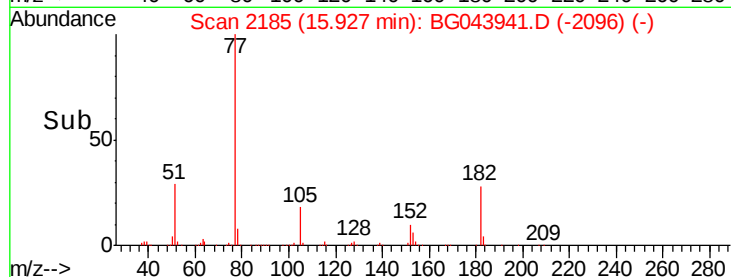
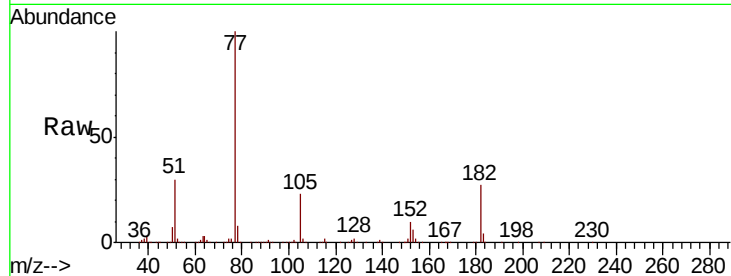
#63
Azobenzene
Concen: 40.998 ng
RT: 15.93 min Scan# 2185
Delta R.T. -0.00 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

Instrument :
BNA_G
ClientSampleId :
IDOC-S-04-CG

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		923427		
182	26.9	7.3	47.3		
105	23.1	3.2	43.2		
51	30.1	10.6	50.6		

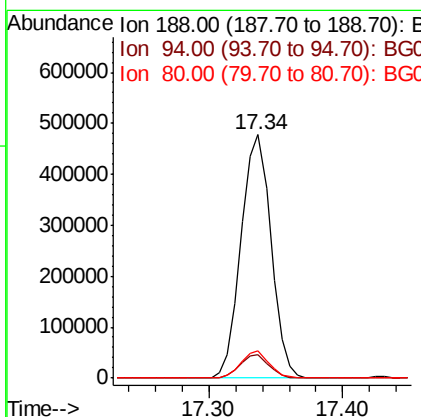
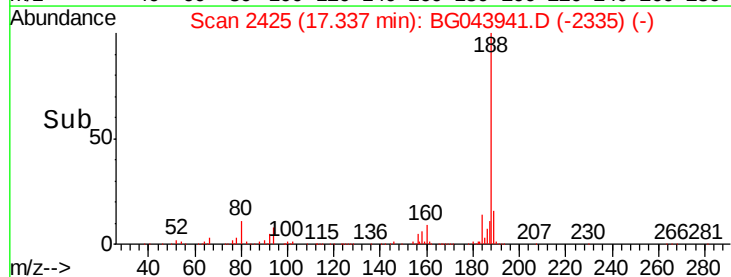
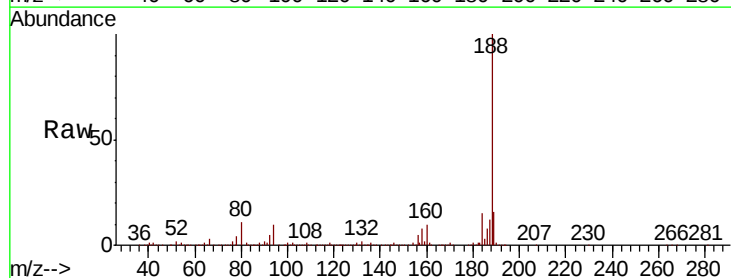
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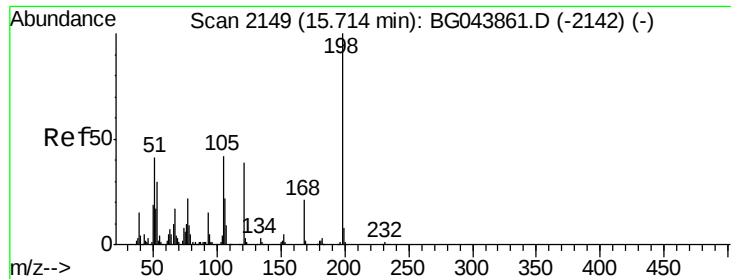
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2425
Delta R.T. 0.00 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		739350		
94	9.6	7.9	11.9		
80	11.1	8.2	12.4		





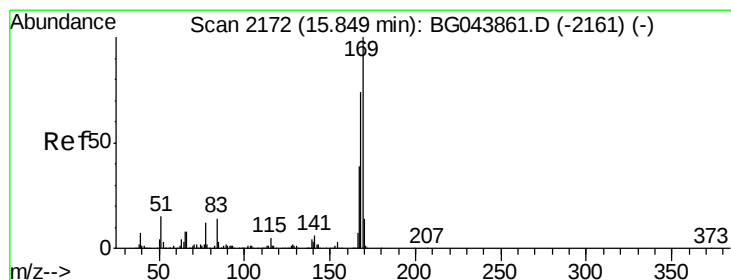
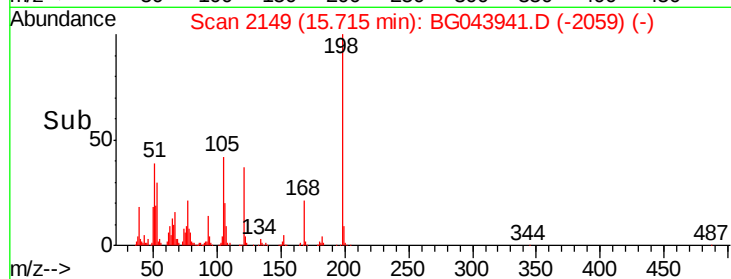
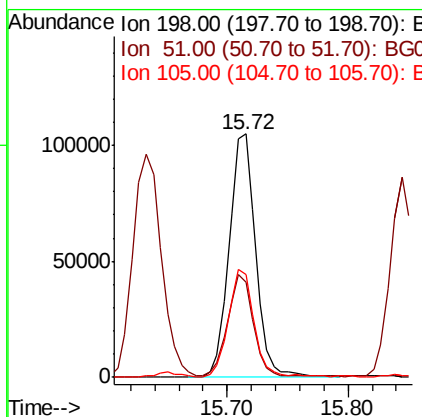
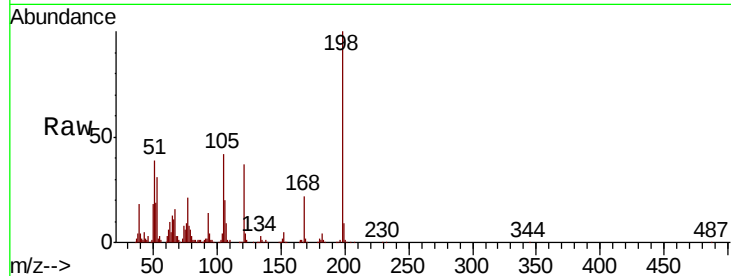
#65
4,6-Dinitro-2-methylphenol
Concen: 42.689 ng
RT: 15.72 min Scan# 2149
Delta R.T. 0.00 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

Instrument :
BNA_G
ClientSampleId :
IDOC-S-04-CG

Tot Ion	Ratio	Resp	Lower	Upper
198	100	160580		
51	39.0		22.5	62.5
105	42.0		22.3	62.3

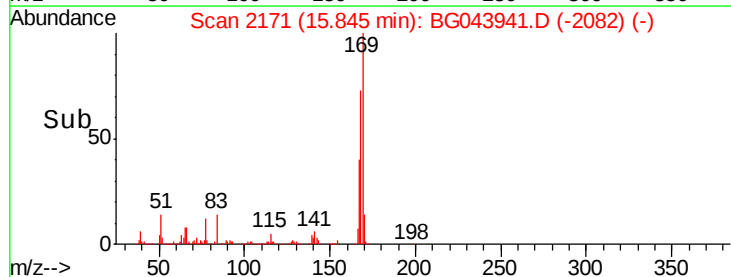
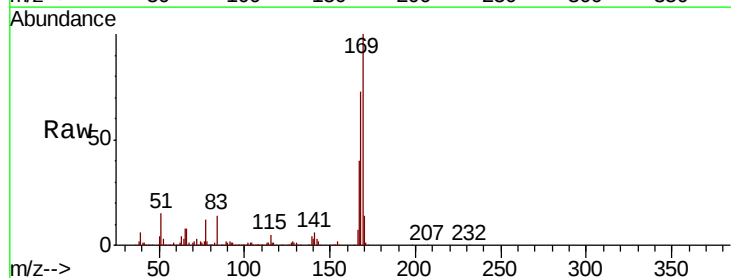
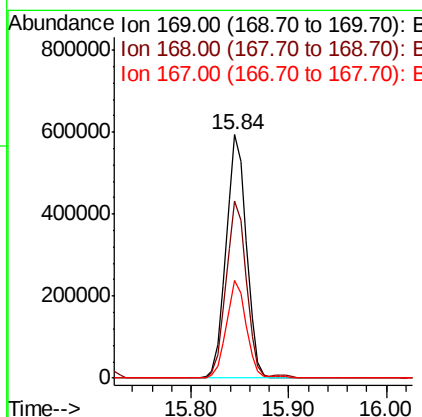
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#66
n-Nitrosodiphenylamine
Concen: 39.209 ng
RT: 15.84 min Scan# 2171
Delta R.T. -0.00 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	853702		
168	72.7		59.0	88.6
167	40.0		31.4	47.0





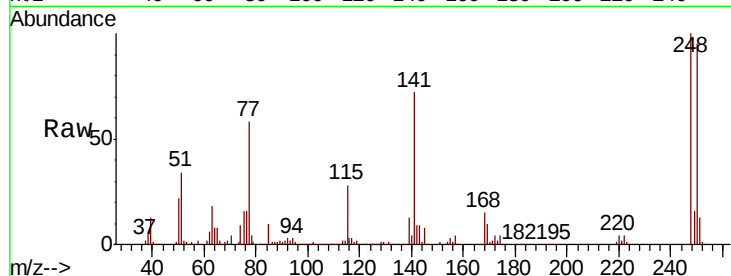
#67
4-Bromophenyl-phenylether
Concen: 37.187 ng
RT: 16.53 min Scan# 2287
Delta R.T. -0.00 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

Instrument :
BNA_G
ClientSampleId :
IDOC-S-04-CG

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.4	78.2	117.2
141	72.2	59.3	88.9

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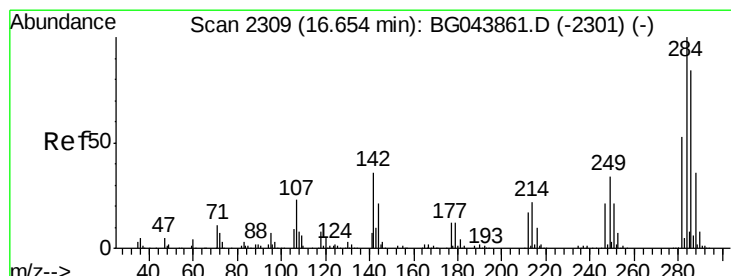
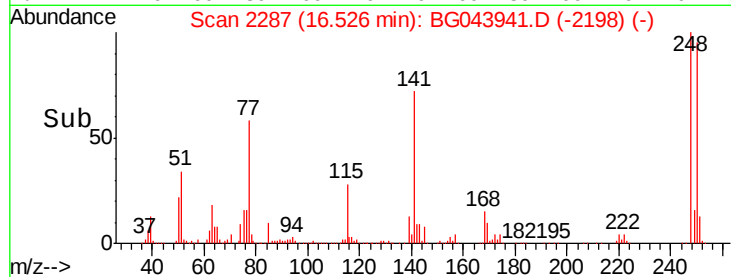
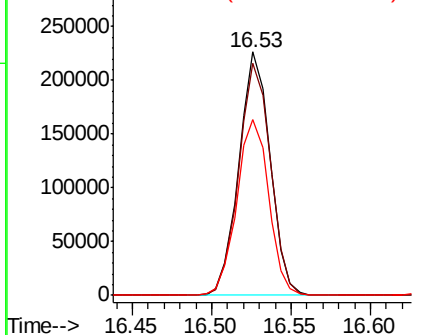


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 37.031 ng
RT: 16.65 min Scan# 2308
Delta R.T. -0.00 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

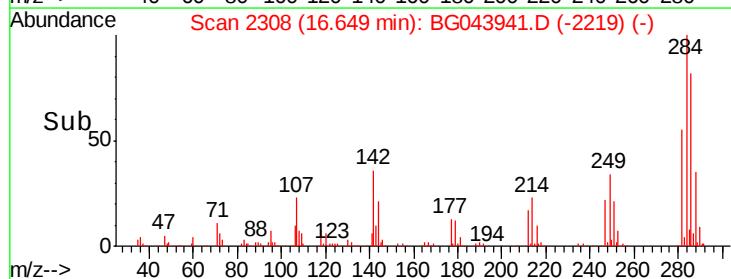
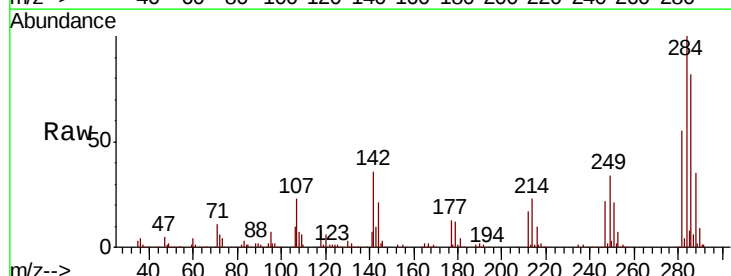
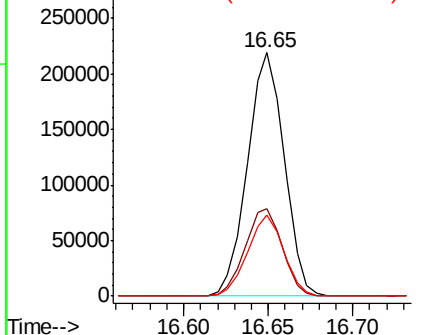
Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.9	28.6	43.0
249	33.6	27.0	40.6

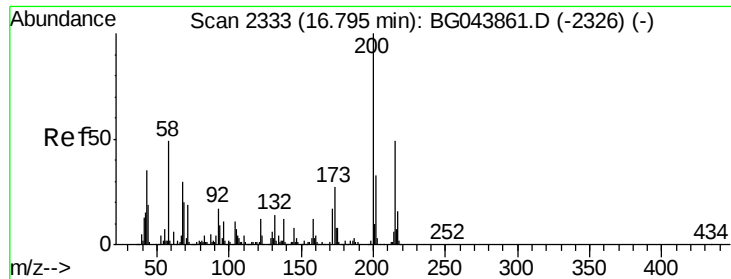
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





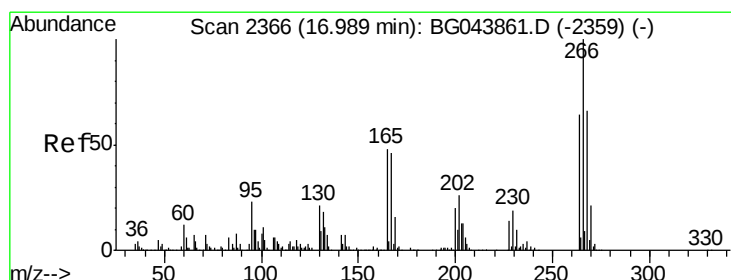
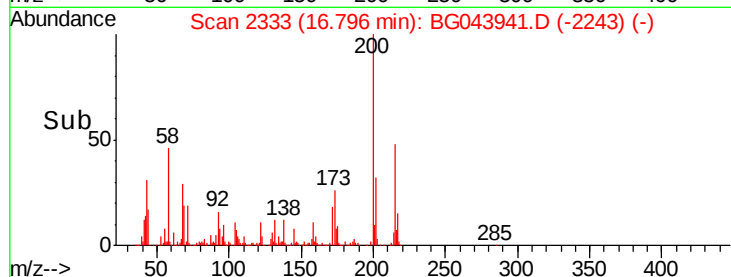
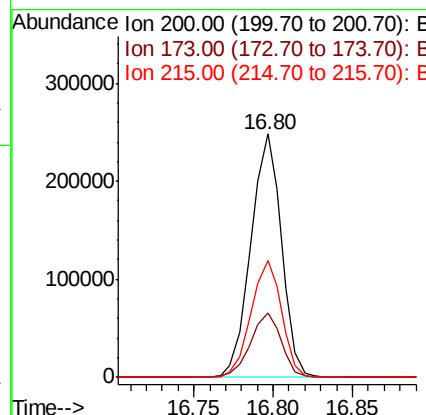
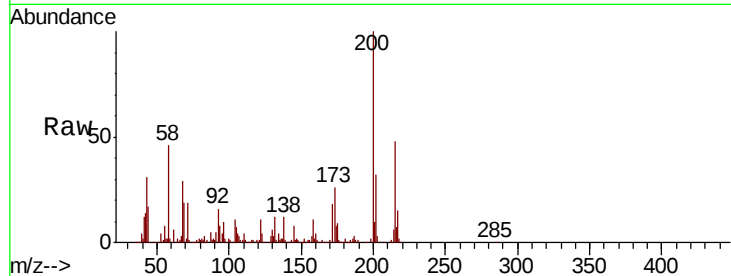
#69
Atrazine
Concen: 47.035 ng
RT: 16.80 min Scan# 2333
Delta R.T. 0.00 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

Instrument :
BNA_G
ClientSampleId :
IDOC-S-04-CG

Tot Ion	Ratio	Resp	Lower	Upper
200	100			
173	26.4	6.6	46.6	
215	48.3	28.6	68.6	

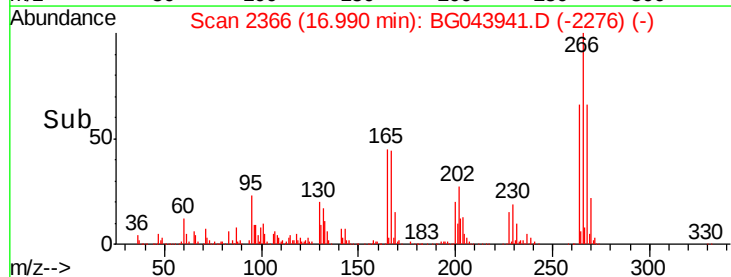
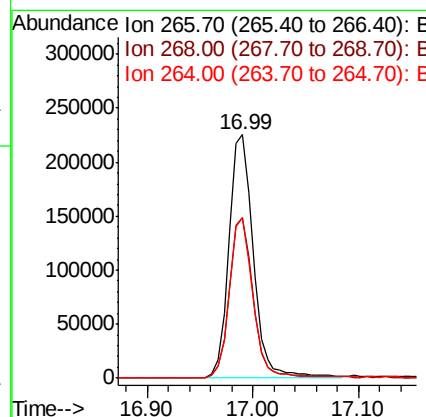
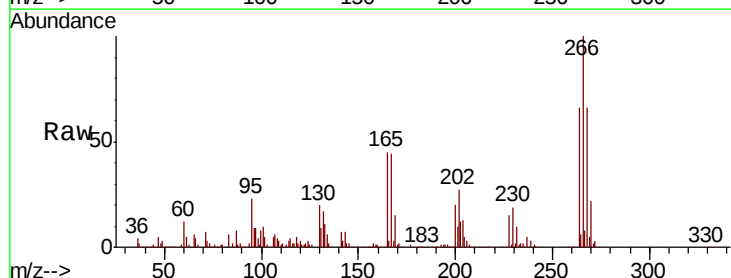
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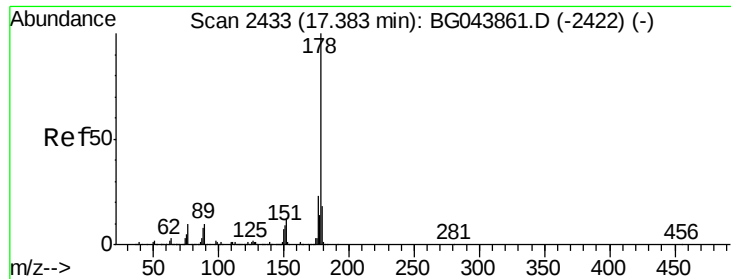
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#70
Pentachlorophenol
Concen: 73.227 ng
RT: 16.99 min Scan# 2366
Delta R.T. 0.00 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
268	66.1	52.6	79.0	
264	66.1	50.8	76.2	





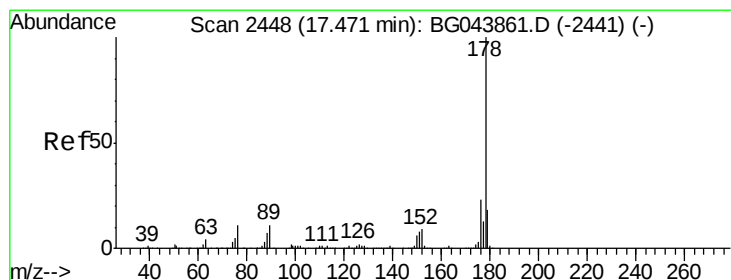
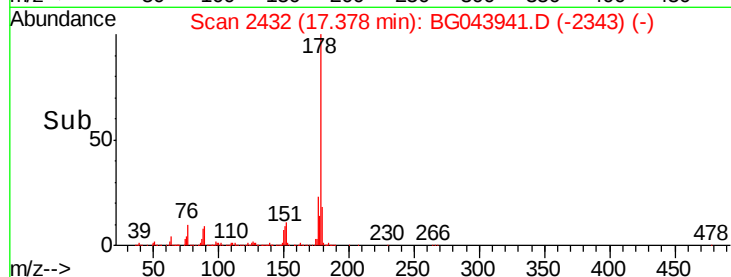
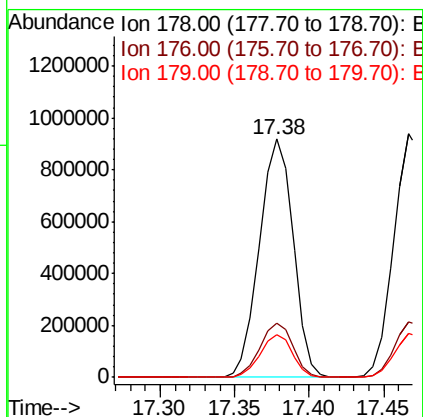
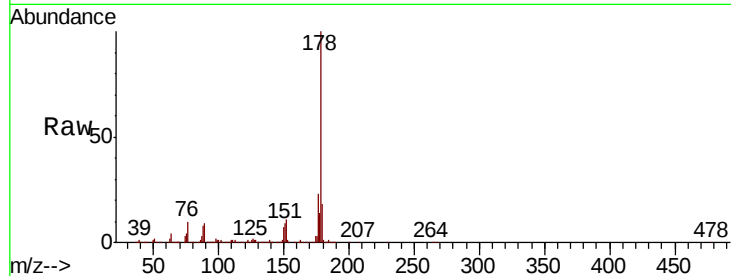
#71
Phenanthrene
Concen: 40.664 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.00 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

Instrument :
BNA_G
ClientSampleId :
IDOC-S-04-CG

Tot Ion	Ratio	Lower	Upper
178	100		
176	22.8	18.6	28.0
179	17.8	14.4	21.6

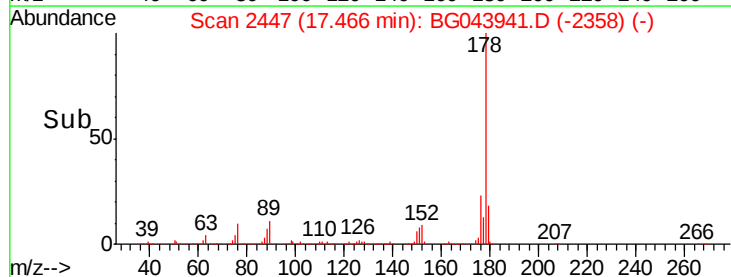
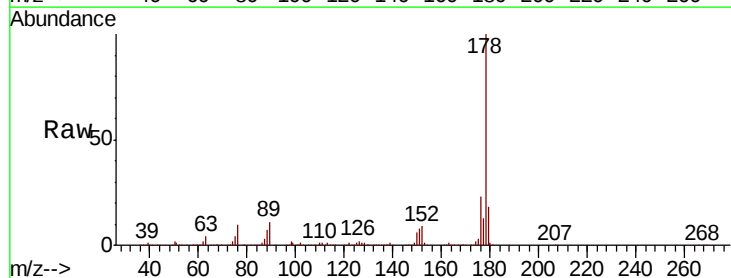
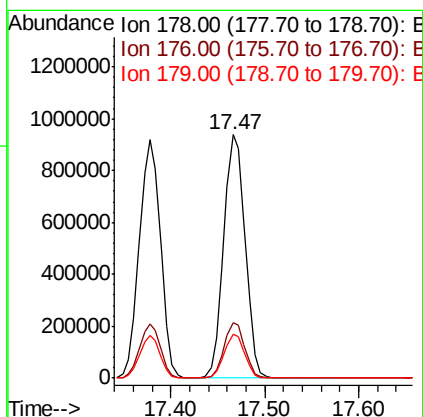
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#72
Anthracene
Concen: 42.575 ng
RT: 17.47 min Scan# 2447
Delta R.T. -0.00 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

Tgt Ion	Ratio	Lower	Upper
178	100		
176	22.5	18.3	27.5
179	18.1	14.6	22.0





#73

Carbazole

Concen: 42.440 ng

RT: 17.74 min Scan# 2493

Delta R.T. 0.00 min

Lab File: BG043941.D

Acq: 6 Jan 2020 21:31

Instrument :

BNA_G

ClientSampleId :

IDOC-S-04-CG

Tot Ion:167 Resp: 1373958

Ion Ratio Lower Upper

167 100

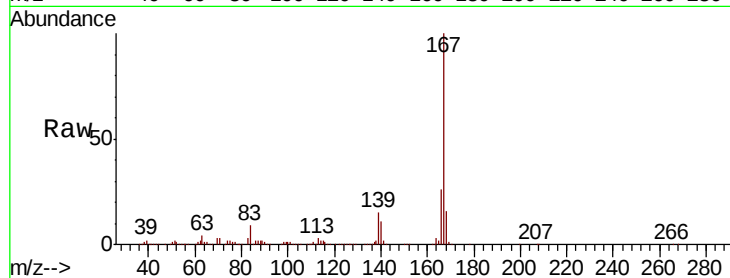
166 26.2 21.6 32.4

139 14.6 12.1 18.1

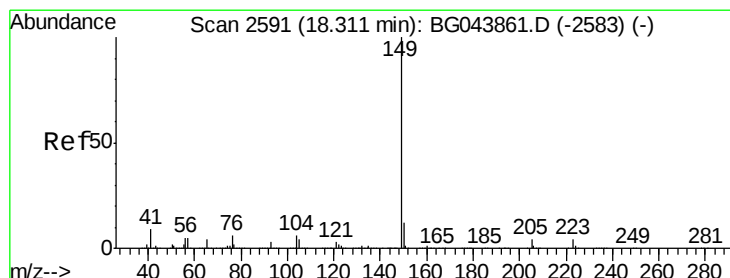
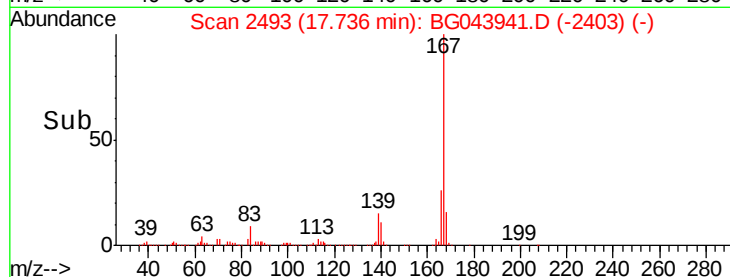
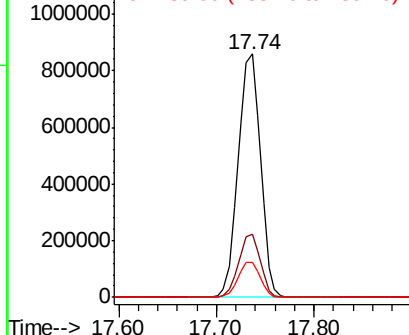
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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 40.879 ng

RT: 18.31 min Scan# 2590

Delta R.T. -0.00 min

Lab File: BG043941.D

Acq: 6 Jan 2020 21:31

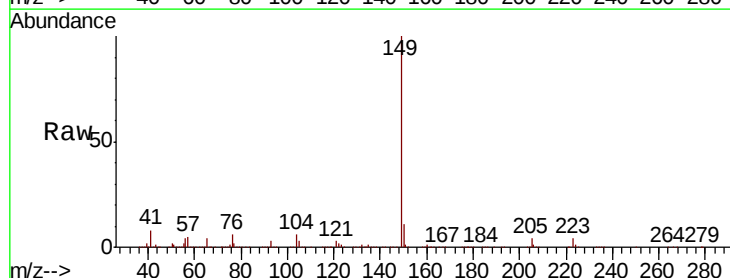
Tgt Ion:149 Resp: 1689696

Ion Ratio Lower Upper

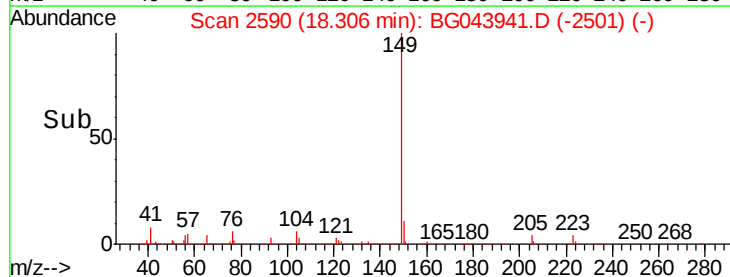
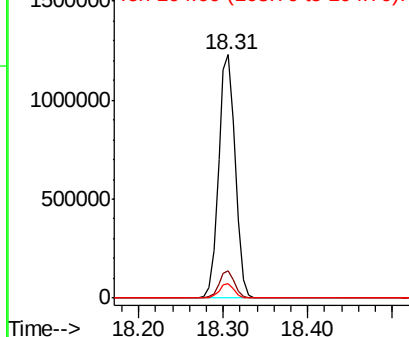
149 100

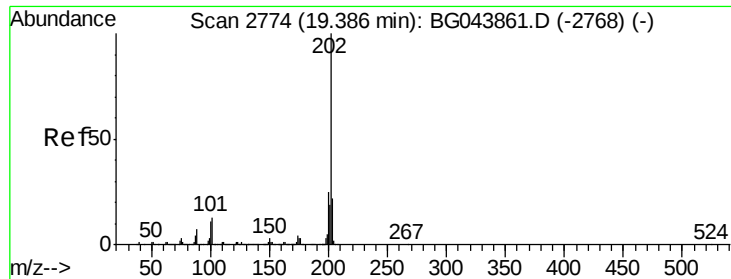
150 11.4 9.7 14.5

104 5.9 5.0 7.4



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





#75

Fluoranthene

Concen: 41.651 ng

RT: 19.39 min Scan# 2774

Delta R.T. 0.00 min

Lab File: BG043941.D

Acq: 6 Jan 2020 21:31

Instrument :

BNA_G

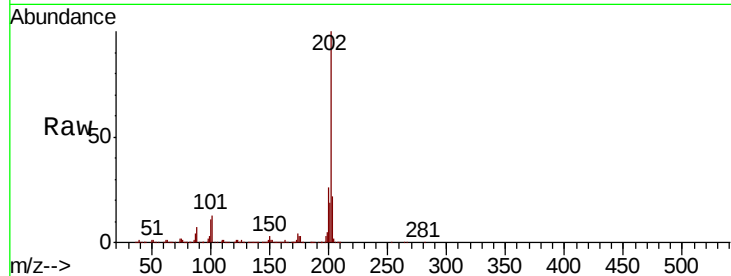
ClientSampled :

IDOC-S-04-CG

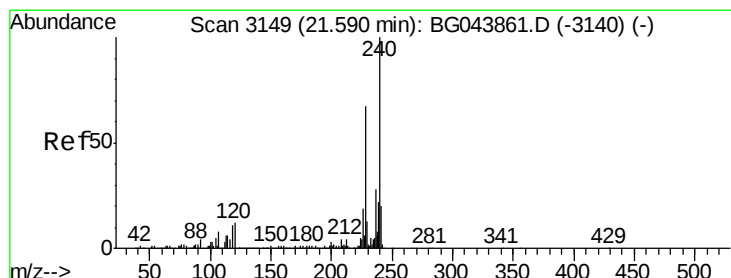
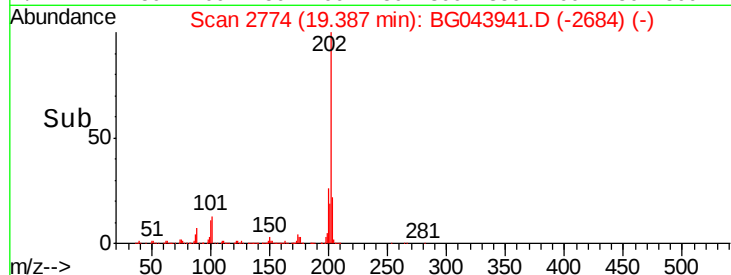
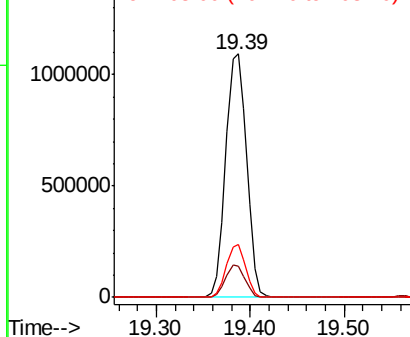
Tot Ion:	202	Resp:	1689232
Ion Ratio	Lower	Upper	
202	100		
101	12.6	0.0	33.3
203	21.6	1.6	41.6

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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.58 min Scan# 3148

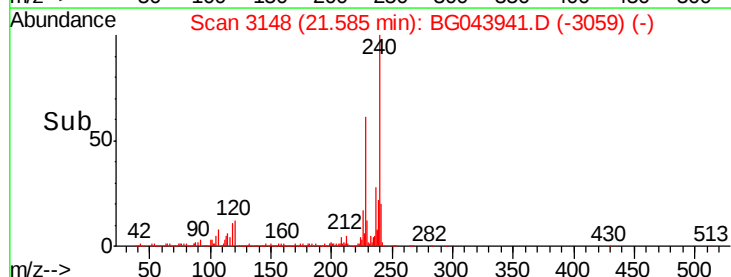
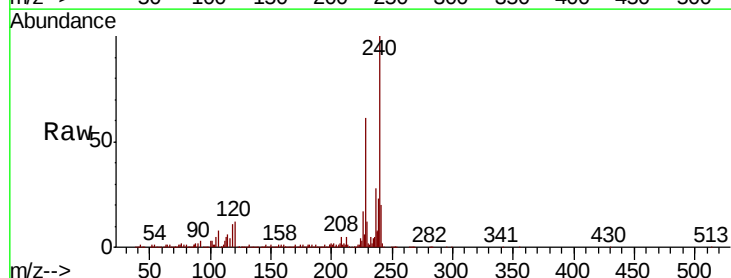
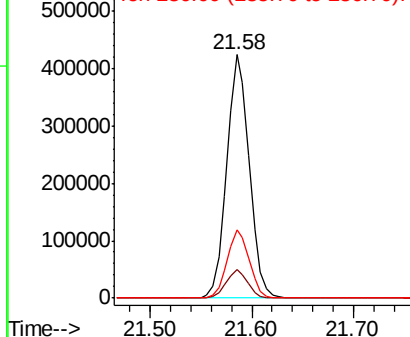
Delta R.T. -0.00 min

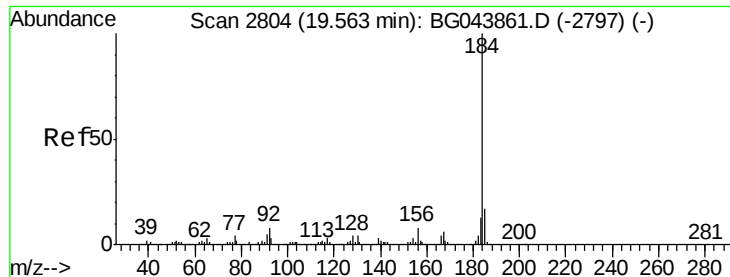
Lab File: BG043941.D

Acq: 6 Jan 2020 21:31

Tgt Ion:	240	Resp:	649998
Ion Ratio	Lower	Upper	
240	100		
120	11.6	9.6	14.4
236	28.2	22.2	33.2

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





#77

Benzidine

Concen: 56.028 ng

RT: 19.56 min Scan# 2804

Delta R.T. 0.00 min

Lab File: BG043941.D

Acq: 6 Jan 2020 21:31

Instrument :

BNA_G

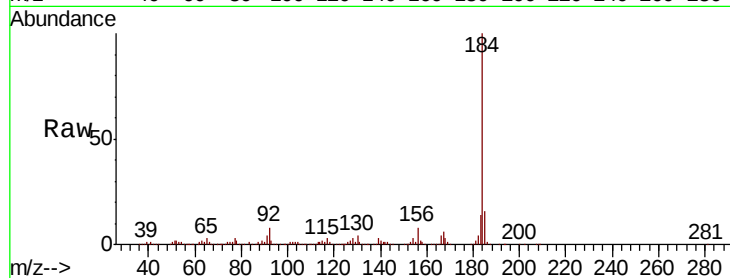
ClientSampleId :

IDOC-S-04-CG

Tot Ion	Ratio	Lower	Upper
184	100		
185	16.1	13.4	20.0
183	13.9	10.6	15.8

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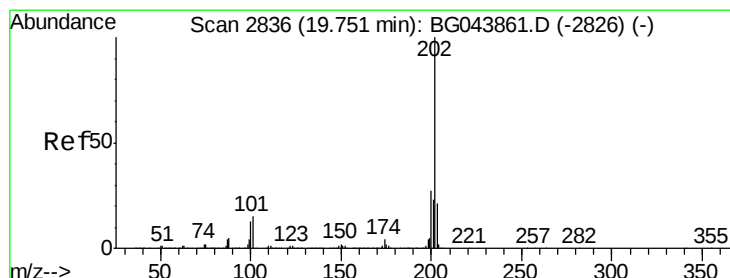
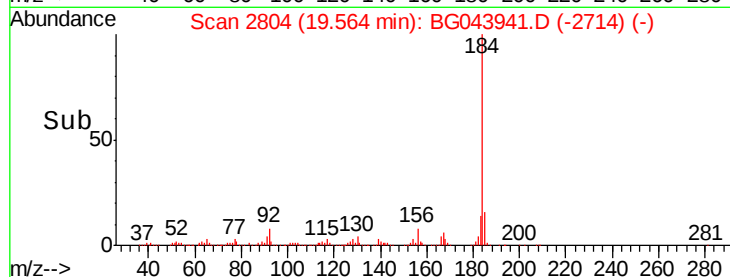
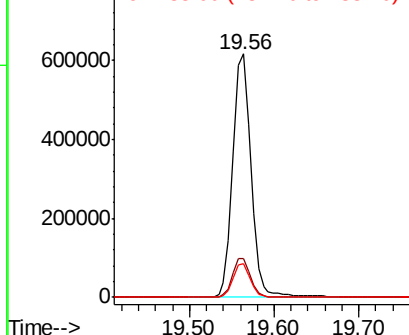


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.127 ng

RT: 19.75 min Scan# 2835

Delta R.T. -0.00 min

Lab File: BG043941.D

Acq: 6 Jan 2020 21:31

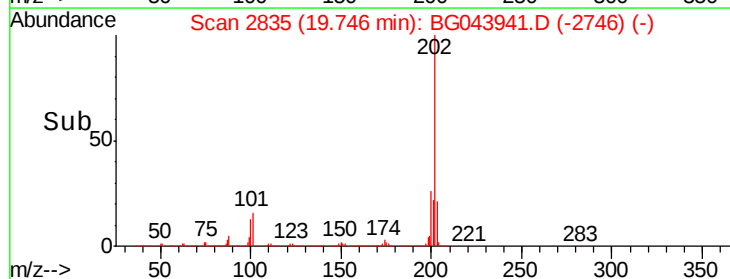
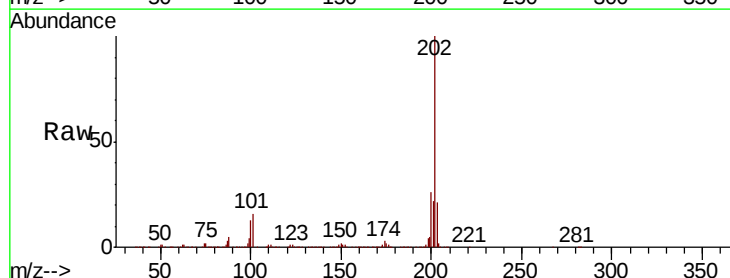
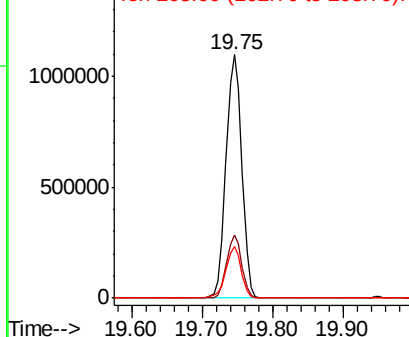
Tgt Ion	Ratio	Lower	Upper
202	100		
200	26.1	21.7	32.5
203	21.4	17.0	25.6

Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.987 ng

RT: 19.95 min Scan# 2870

Delta R.T. -0.00 min

Lab File: BG043941.D

Acq: 6 Jan 2020 21:31

Instrument :

BNA_G

ClientSampleId :

IDOC-S-04-CG

Tot Ion:244 Resp: 2190809

Ion Ratio Lower Upper

244 100

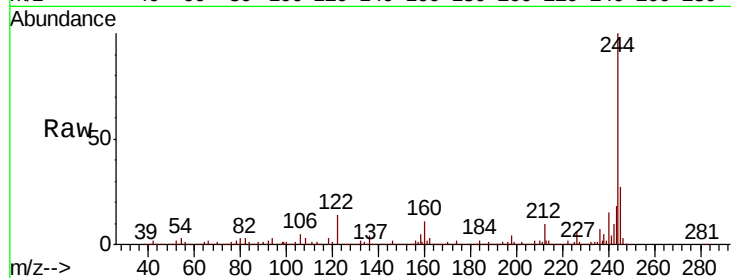
212 10.5 8.6 13.0

122 13.9 11.9 17.9

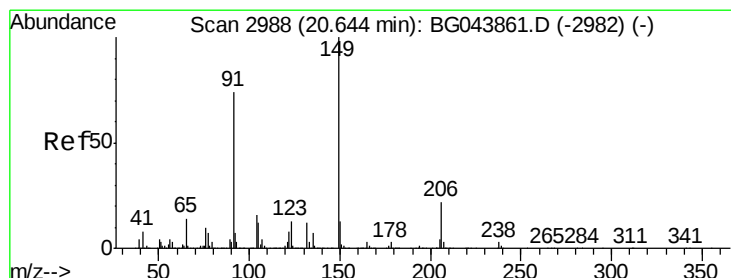
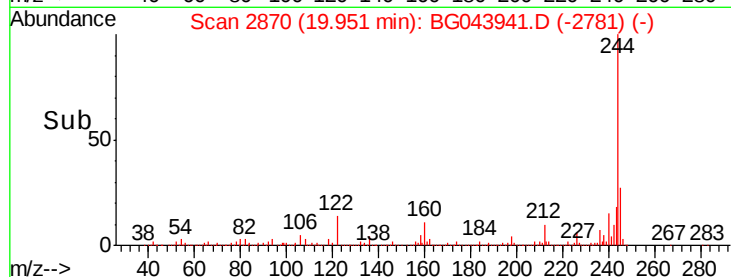
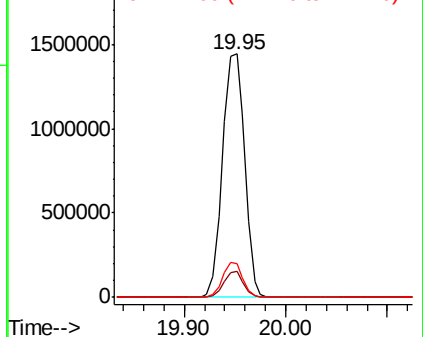
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.315 ng

RT: 20.64 min Scan# 2987

Delta R.T. -0.00 min

Lab File: BG043941.D

Acq: 6 Jan 2020 21:31

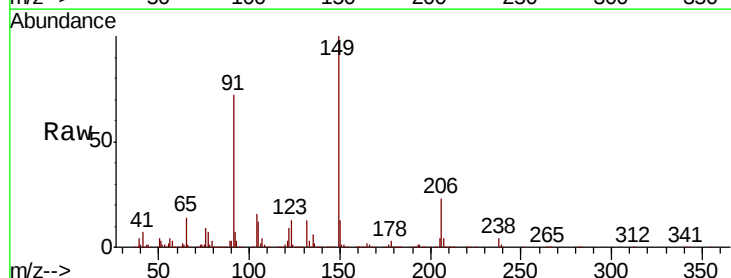
Tgt Ion:149 Resp: 794144

Ion Ratio Lower Upper

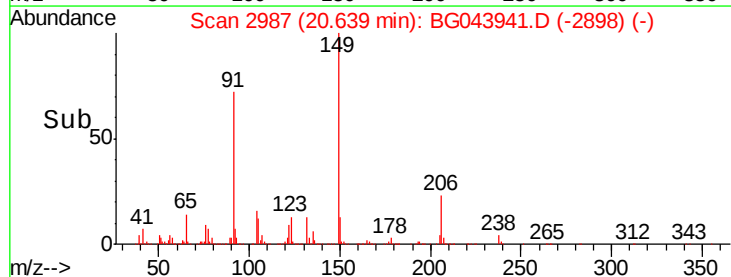
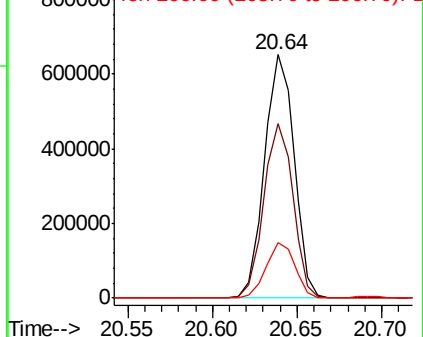
149 100

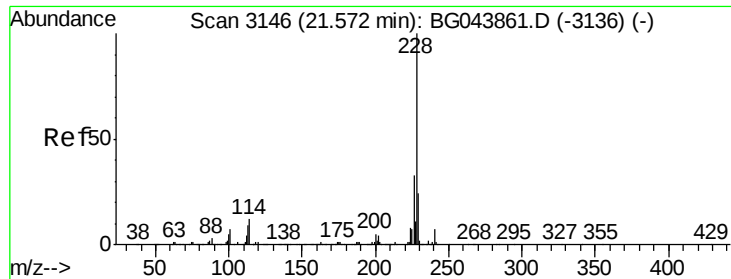
91 71.9 59.5 89.3

206 22.7 17.8 26.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.367 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.00 min

Lab File: BG043941.D

Acq: 6 Jan 2020 21:31

Instrument :

BNA_G

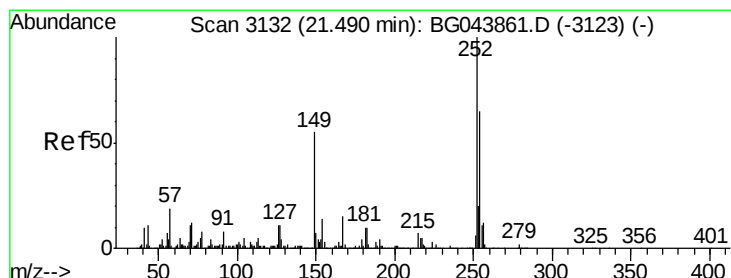
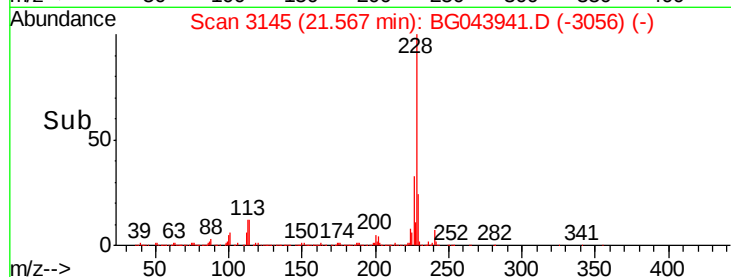
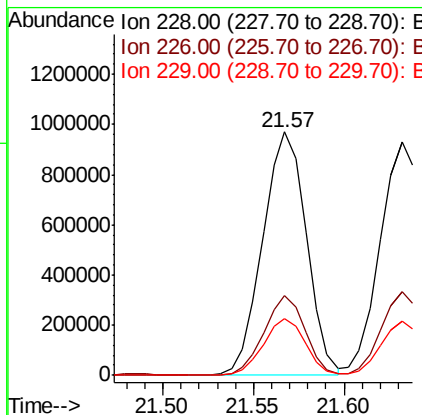
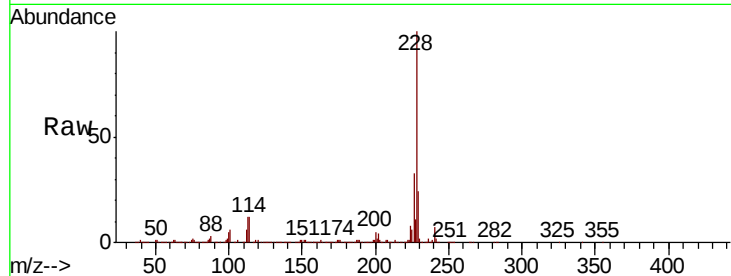
ClientSampleId :

IDOC-S-04-CG

Tot Ion:	228	Resp:	1626958
Ion	Ratio	Lower	Upper
228	100		
226	32.7	26.2	39.4
229	23.5	18.9	28.3

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#82

3,3'-Dichlorobenzidine

Concen: 32.007 ng

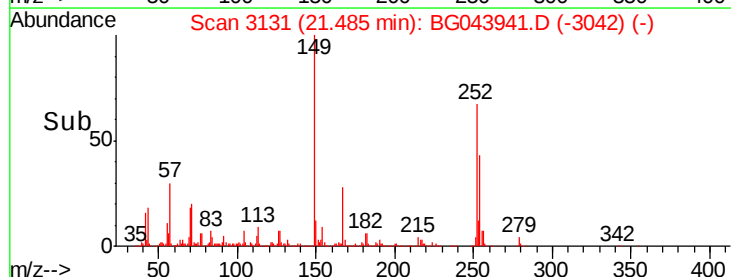
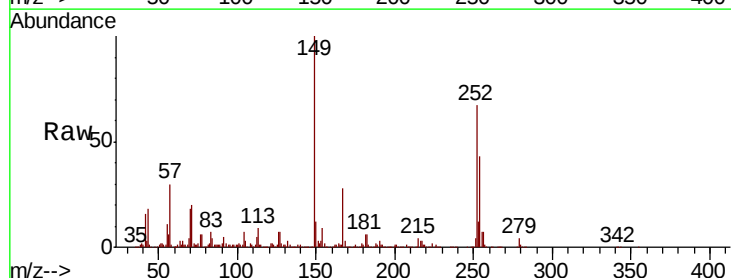
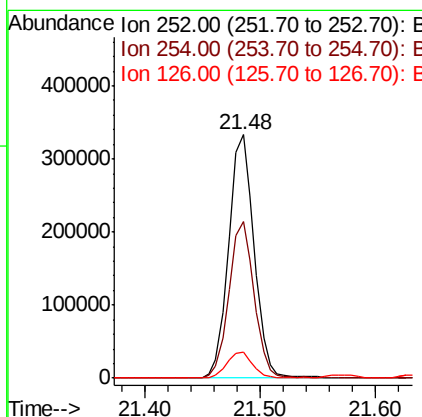
RT: 21.48 min Scan# 3131

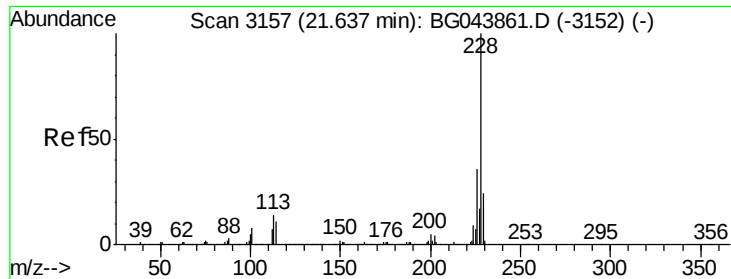
Delta R.T. -0.00 min

Lab File: BG043941.D

Acq: 6 Jan 2020 21:31

Tgt Ion:	252	Resp:	509650
Ion	Ratio	Lower	Upper
252	100		
254	64.5	52.1	78.1
126	10.8	9.1	13.7





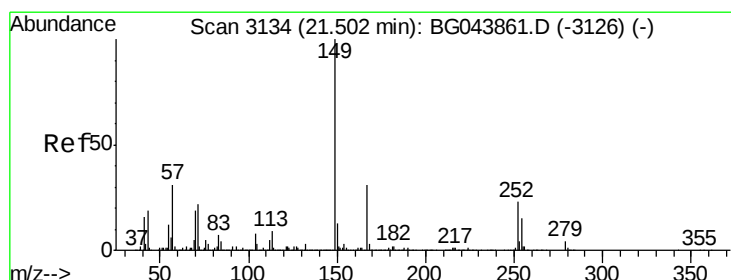
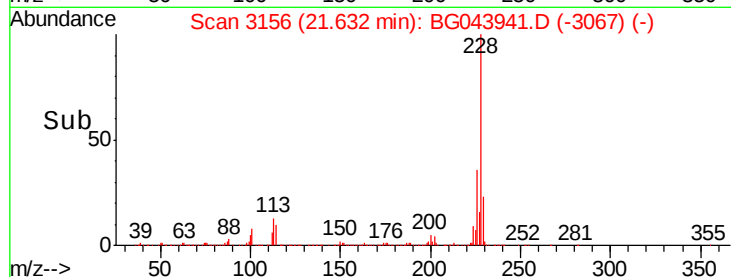
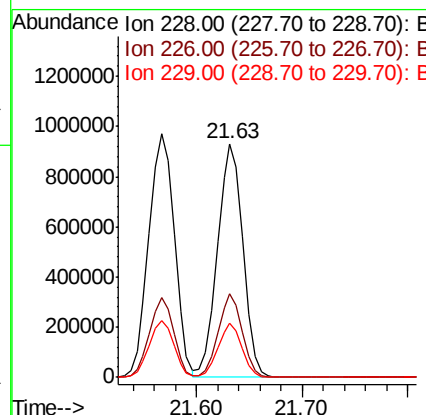
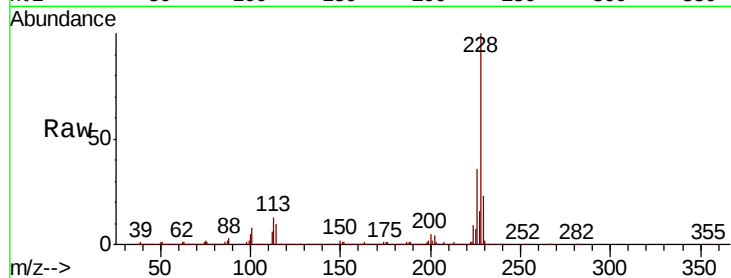
#83
 Chrysene
 Concen: 40.895 ng
 RT: 21.63 min Scan# 3156
 Delta R.T. -0.00 min
 Lab File: BG043941.D
 Acq: 6 Jan 2020 21:31

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-S-04-CG

Tot Ion	Ratio	Lower	Upper
228	100		
226	35.7	28.8	43.2
229	23.2	19.0	28.6

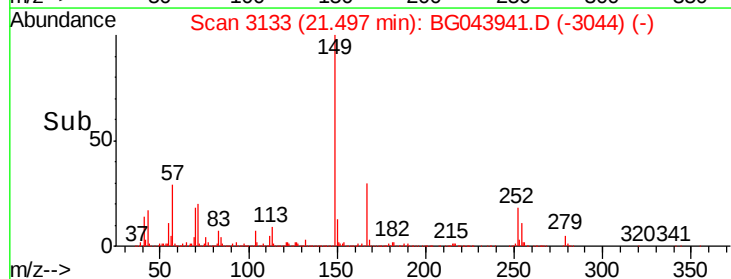
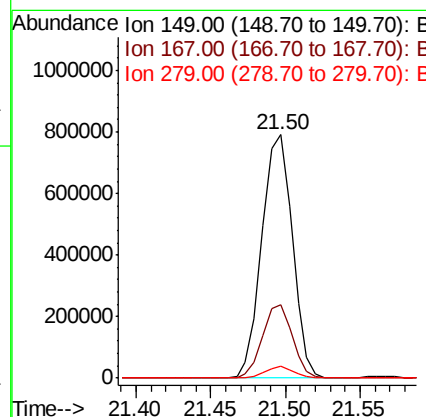
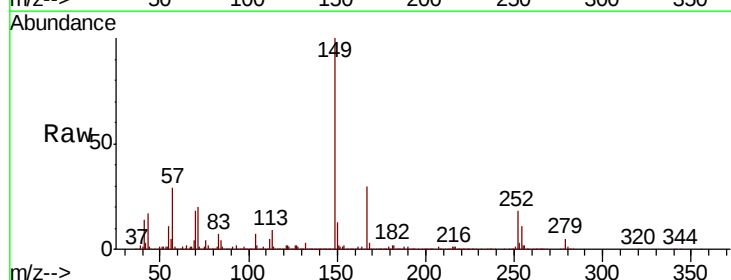
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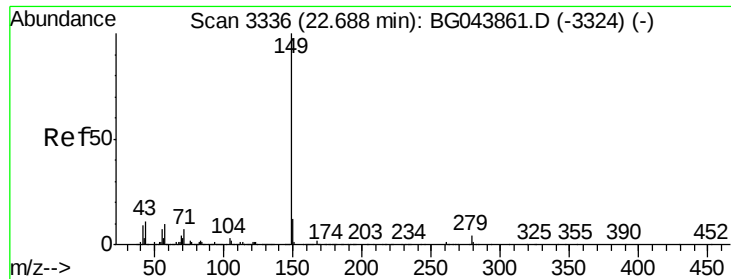
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.180 ng
 RT: 21.50 min Scan# 3133
 Delta R.T. -0.00 min
 Lab File: BG043941.D
 Acq: 6 Jan 2020 21:31

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.0	24.7	37.1
279	4.7	3.3	4.9





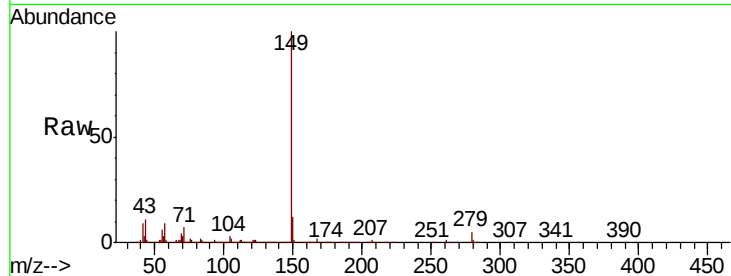
#85
Di-n-octyl phthalate
Concen: 41.044 ng
RT: 22.68 min Scan# 3334
Delta R.T. -0.01 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

Instrument :
BNA_G
ClientSampleId :
IDOC-S-04-CG

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	10.3	8.8	13.2

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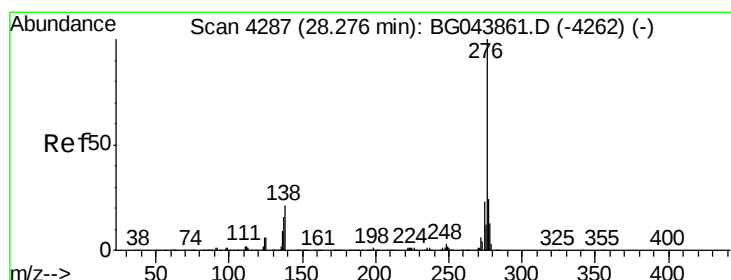
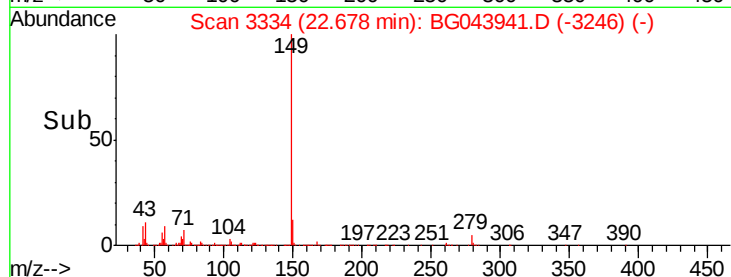
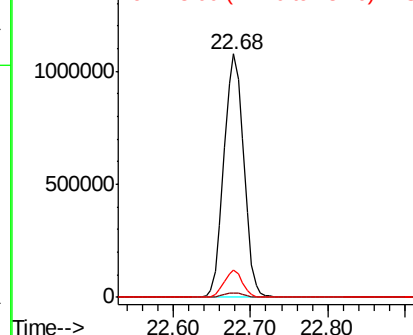


Abundance

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: 37.848 ng
RT: 28.25 min Scan# 4282
Delta R.T. -0.03 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

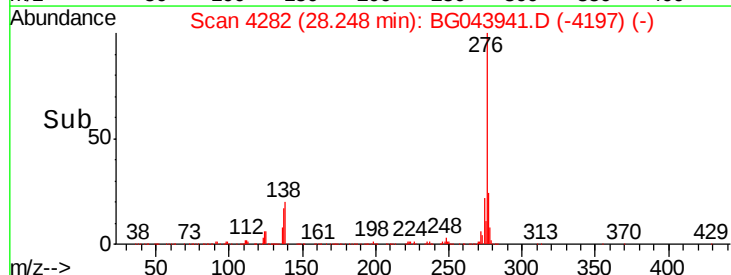
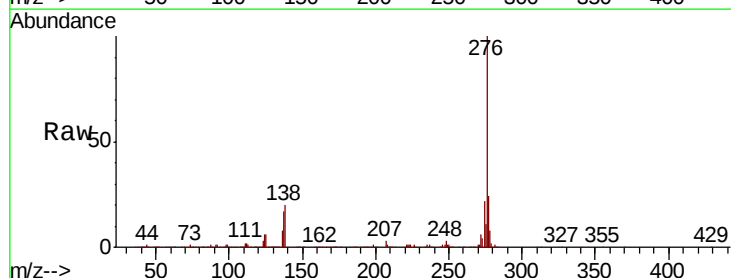
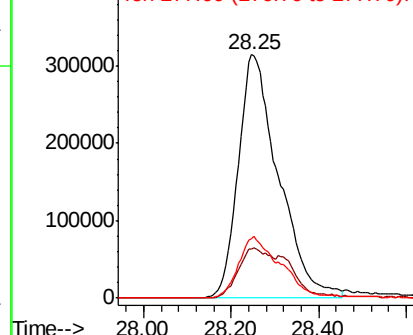
Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.8	21.0	31.4#
277	26.3	21.1	31.7

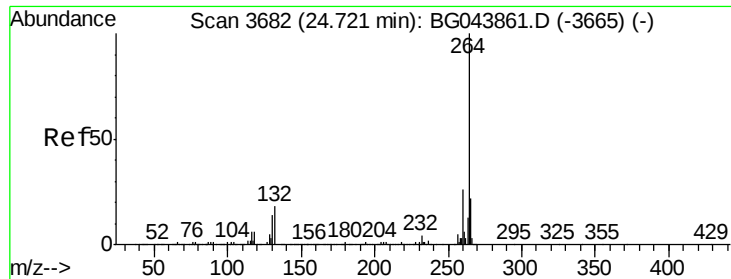
Abundance

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





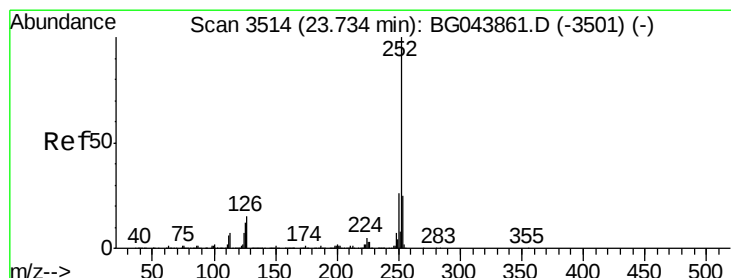
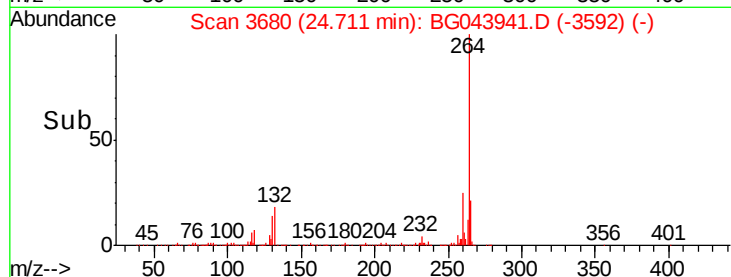
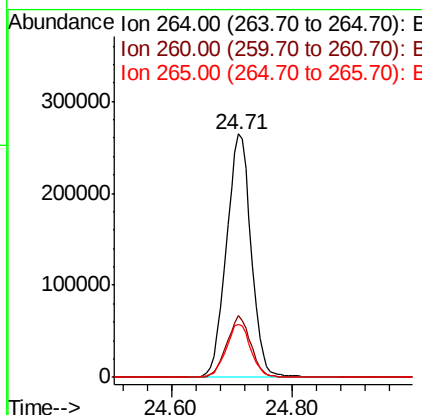
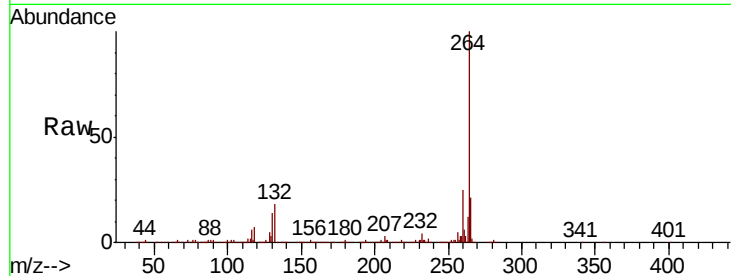
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.71 min Scan# 3680
Delta R.T. -0.01 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

Instrument :
BNA_G
ClientSampleId :
IDOC-S-04-CG

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.4	30.6
265	21.5	17.4	26.2

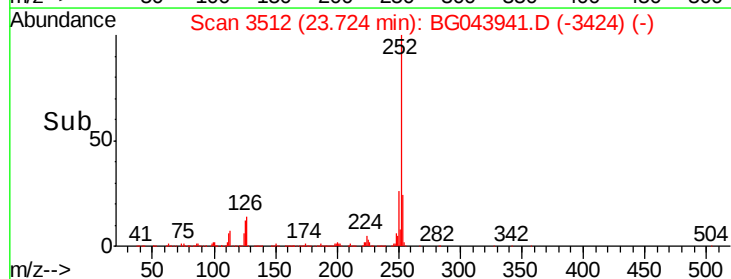
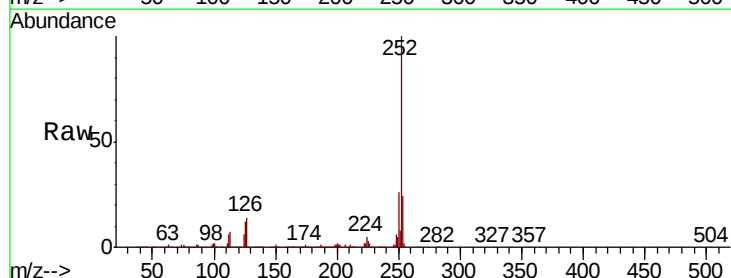
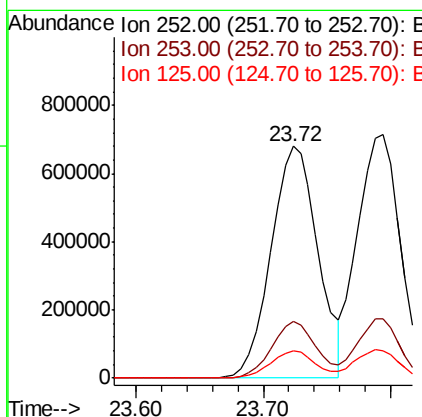
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#88
Benzo(b)fluoranthene
Concen: 39.451 ng
RT: 23.72 min Scan# 3512
Delta R.T. -0.01 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	19.7	29.5
125	11.8	9.4	14.2





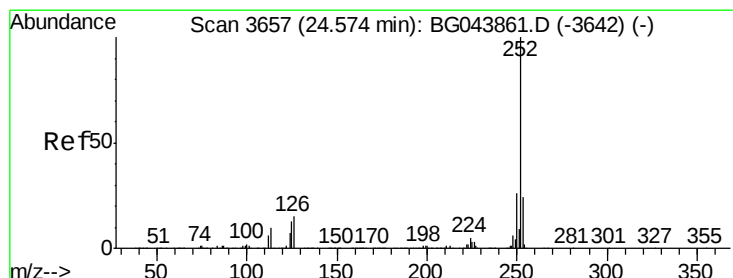
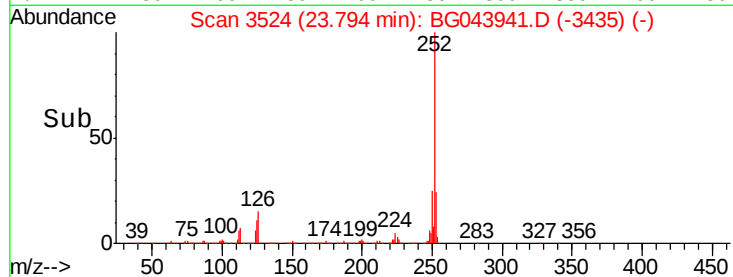
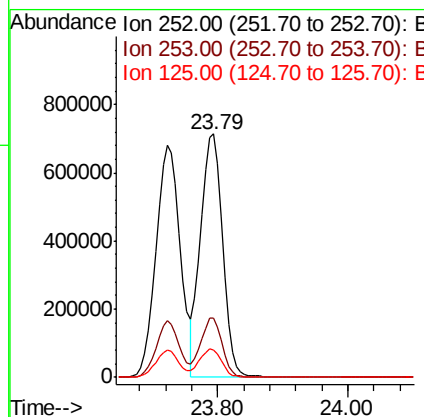
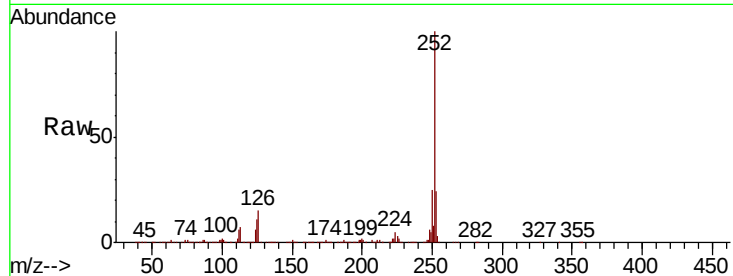
#89
Benzo(k)fluoranthene
Concen: 39.952 ng
RT: 23.79 min Scan# 3524
Delta R.T. -0.00 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

Instrument :
BNA_G
ClientSampleId :
IDOC-S-04-CG

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	19.4	29.2
125	11.1	9.9	14.9

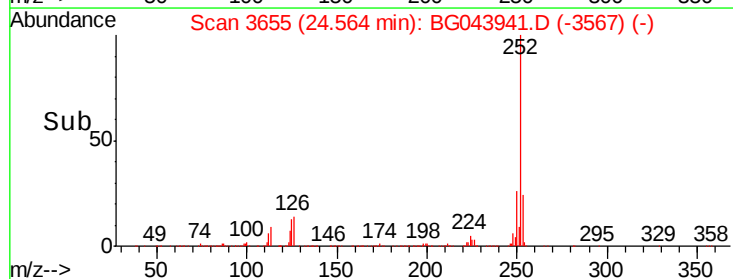
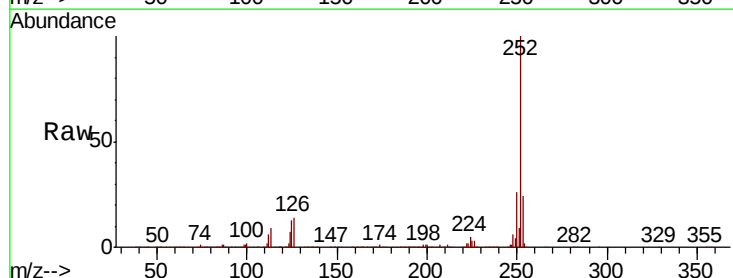
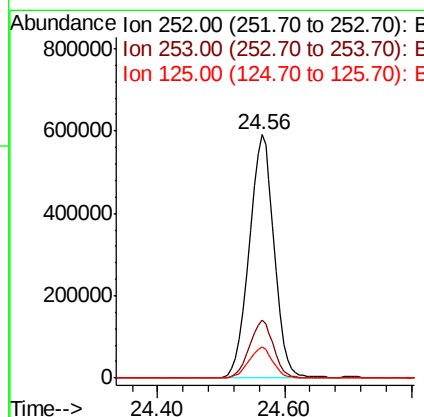
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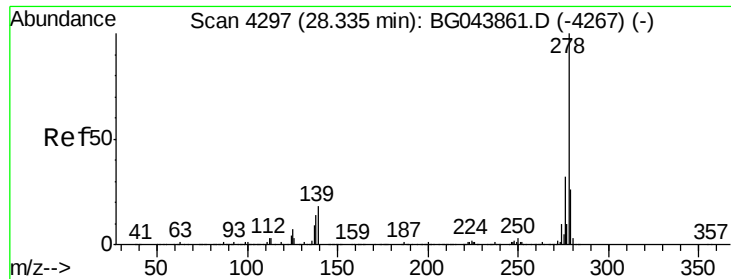
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#90
Benzo(a)pyrene
Concen: 38.662 ng
RT: 24.56 min Scan# 3655
Delta R.T. -0.01 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.3	28.9
125	12.7	10.4	15.6





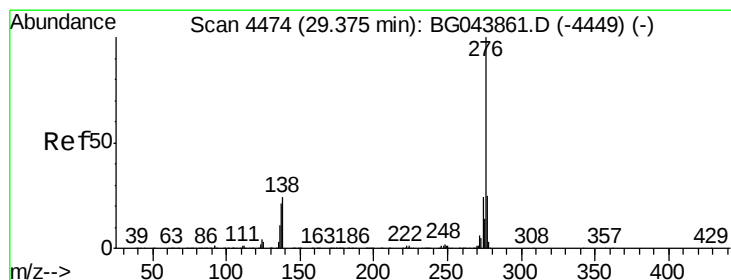
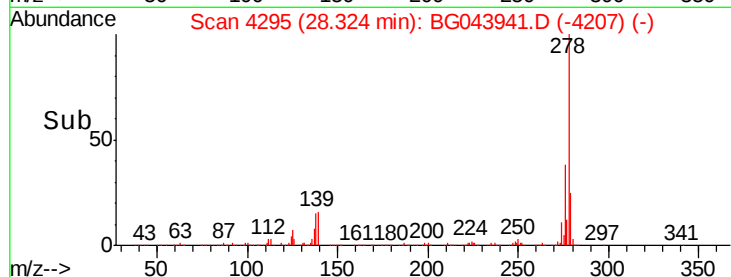
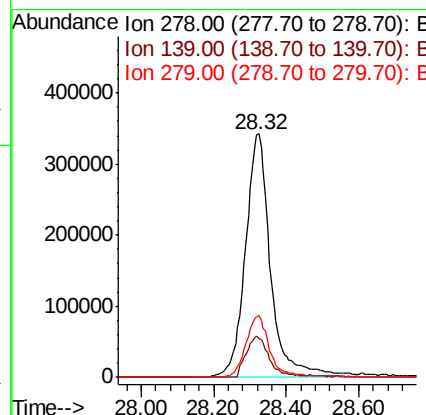
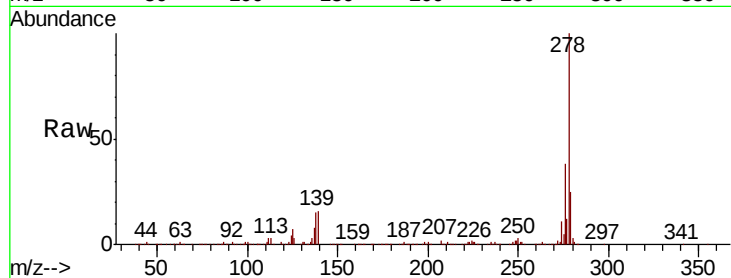
#91
Dibenzo(a,h)anthracene
Concen: 39.286 ng
RT: 28.32 min Scan# 4295
Delta R.T. -0.01 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

Instrument :
BNA_G
ClientSampleId :
IDOC-S-04-CG

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.1	14.2	21.4
279	25.2	20.6	30.8

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#92
Benzo(g,h,i)perylene
Concen: 38.687 ng
RT: 29.35 min Scan# 4470
Delta R.T. -0.02 min
Lab File: BG043941.D
Acq: 6 Jan 2020 21:31

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	20.2	30.4
138	22.4	19.0	28.6

