

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021720\
 Data File : BG044453.D
 Acq On : 17 Feb 2020 18:59
 Operator : CG/JU
 Sample : L1544-01MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 2-5-1MSD

Manual Integrations
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 2/18/2020 3:16:59 PM

Quant Time: Feb 18 06:17:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	70854	20.00	ng	-0.02
21) Naphthalene-d8	10.69	136	285788	20.00	ng	-0.01
39) Acenaphthene-d10	14.53	164	186330	20.00	ng	-0.02
64) Phenanthrene-d10	17.28	188	412817	20.00	ng	-0.01
76) Chrysene-d12	21.52	240	398812	20.00	ng	-0.02
87) Perylene-d12	24.59	264	433199	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	432077	107.62	ng	0.00
7) Phenol-d6	7.07	99	575364	106.72	ng	-0.01
23) Nitrobenzene-d5	9.05	82	338823	66.93	ng	-0.02
42) 2,4,6-Tribromophenol	16.02	330	225242	102.97	ng	-0.01
45) 2-Fluorobiphenyl	13.15	172	773785	69.54	ng	-0.01
79) Terphenyl-d14	19.89	244	1192644	61.51	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	3.35	88	76858	42.61	ng 99
3) Pyridine	3.75	79	187300	38.97	ng 97
4) n-Nitrosodimethylamine	3.66	42	91777	45.70	ng 96
6) Aniline	7.21	93	203560	30.42	ng 98
8) 2-Chlorophenol	7.46	128	233016	52.81	ng 98
9) Benzaldehyde	7.02	77	95421	31.08	ng 98
10) Phenol	7.10	94	286611	53.72	ng 99
11) bis(2-Chloroethyl)ether	7.31	93	212954	46.69	ng 99
12) 1,3-Dichlorobenzene	7.78	146	244383	46.39	ng 98
13) 1,4-Dichlorobenzene	7.92	146	246188	47.18	ng 99
14) 1,2-Dichlorobenzene	8.25	146	232438	47.13	ng 98
15) Benzyl Alcohol	8.13	79	187859	49.22	ng 99
16) 2,2'-oxybis(1-Chloropropan	8.42	45	271409	43.96	ng 99
17) 2-Methylphenol	8.34	107	196875	51.72	ng 98
18) Hexachloroethane	8.98	117	88864	45.39	ng 94
19) n-Nitroso-di-n-propylamine	8.70	70	163195	45.42	ng 97
20) 3+4-Methylphenols	8.67	107	269389	51.35	ng 100
22) Acetophenone	8.71	105	309920	44.58	ng 99
24) Nitrobenzene	9.09	77	229819	46.50	ng 98
25) Isophorone	9.62	82	451131	47.81	ng 99
26) 2-Nitrophenol	9.80	139	130754	50.99	ng 99
27) 2,4-Dimethylphenol	9.87	122	220187	60.83	ng 99
28) bis(2-Chloroethoxy)methane	10.10	93	288907	45.90	ng 99
29) 2,4-Dichlorophenol	10.34	162	229495	52.43	ng 99
30) 1,2,4-Trichlorobenzene	10.56	180	233617	46.55	ng 98
31) Naphthalene	10.74	128	674757	48.66	ng 100
32) Benzoic acid	10.04	122	71151	35.20	ng 89
33) 4-Chloroaniline	10.85	127	111922	17.75	ng 98
34) Hexachlorobutadiene	11.04	225	139756	45.26	ng 98
35) Caprolactam	11.62	113	84348m	52.61	ng
36) 4-Chloro-3-methylphenol	11.98	107	239305	52.15	ng 99
37) 2-Methylnaphthalene	12.35	142	504551	49.01	ng 99
38) 1-Methylnaphthalene	12.57	142	475796	49.02	ng 100
40) 1,2,4,5-Tetrachlorobenzene	12.72	216	255893	45.91	ng 99

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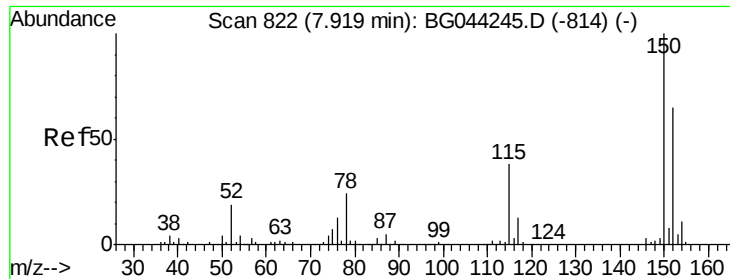
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.71	237	280471	104.87	ng	98
43) 2,4,6-Trichlorophenol	12.96	196	182706	50.71	ng	99
44) 2,4,5-Trichlorophenol	13.04	196	194757	52.93	ng	98
46) 1,1'-Biphenyl	13.36	154	644181	47.93	ng	98
47) 2-Chloronaphthalene	13.41	162	502277	46.96	ng	99
48) 2-Nitroaniline	13.61	65	144067	45.64	ng	97
49) Acenaphthylene	14.25	152	799528	50.97	ng	99
50) Dimethylphthalate	13.99	163	676037	50.47	ng	100
51) 2,6-Dinitrotoluene	14.10	165	148093	49.59	ng	95
52) Acenaphthene	14.60	154	490166	48.21	ng	99
53) 3-Nitroaniline	14.43	138	71760	21.72	ng	97
54) 2,4-Dinitrophenol	14.65	184	157774	88.29	ng	96
55) Dibenzofuran	14.93	168	760690	49.41	ng	99
56) 4-Nitrophenol	14.76	139	264687	109.37	ng	98
57) 2,4-Dinitrotoluene	14.89	165	207878	49.66	ng	96
58) Fluorene	15.58	166	602217	49.67	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.16	232	177147	53.30	ng	97
60) Diethylphthalate	15.36	149	646399	48.43	ng	99
61) 4-Chlorophenyl-phenylether	15.57	204	318447	48.44	ng	99
62) 4-Nitroaniline	15.60	138	144527	43.78	ng	97
63) Azobenzene	15.87	77	567188	48.49	ng	97
65) 4,6-Dinitro-2-methylphenol	15.66	198	128951	56.59	ng	97
66) n-Nitrosodiphenylamine	15.79	169	567553	49.06	ng	99
67) 4-Bromophenyl-phenylether	16.47	248	213107	47.38	ng	97
68) Hexachlorobenzene	16.59	284	232266	46.10	ng	99
69) Atrazine	16.74	200	220645	55.64	ng	99
70) Pentachlorophenol	16.94	266	242213	94.47	ng	98
71) Phenanthrene	17.32	178	979217	48.99	ng	99
72) Anthracene	17.41	178	1006658	50.94	ng	99
73) Carbazole	17.68	167	907730	49.82	ng	99
74) Di-n-butylphthalate	18.24	149	1121902	49.83	ng	99
75) Fluoranthene	19.33	202	1178956	50.98	ng	100
77) Benzidine	19.50	184	419993	37.97	ng	97
78) Pyrene	19.69	202	1183684	46.22	ng	99
80) Butylbenzylphthalate	20.58	149	521822	44.71	ng	100
81) Benzo(a)anthracene	21.50	228	1144217	46.55	ng	99
82) 3,3'-Dichlorobenzidine	21.42	252	226487	23.74	ng	99
83) Chrysene	21.56	228	1088752	45.83	ng	100
84) Bis(2-ethylhexyl)phthalate	21.42	149	733950	45.69	ng	100
85) Di-n-octyl phthalate	22.58	149	1306526	47.00	ng	99
86) Indeno(1,2,3-cd)pyrene	28.08	276	1425588	45.99	ng	99
88) Benzo(b)fluoranthene	23.62	252	1234978	49.47	ng	99
89) Benzo(k)fluoranthene	23.69	252	1187882	48.83	ng	98
90) Benzo(a)pyrene	24.45	252	1137383	48.19	ng	98
91) Dibenzo(a,h)anthracene	28.15	278	1174693	50.29	ng	98
92) Benzo(g,h,i)perylene	29.17	276	1198185	51.24	ng	99

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



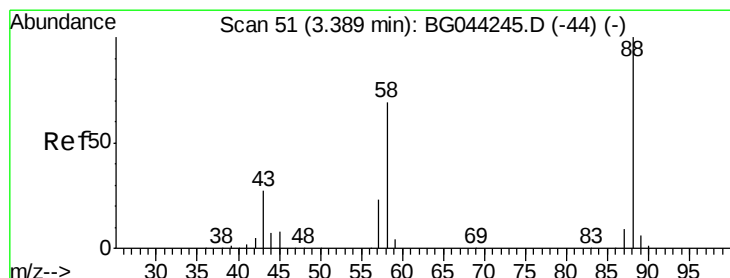
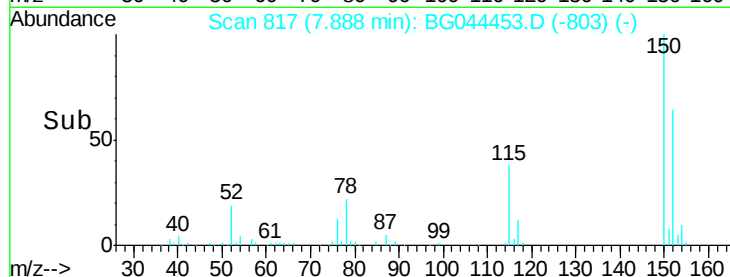
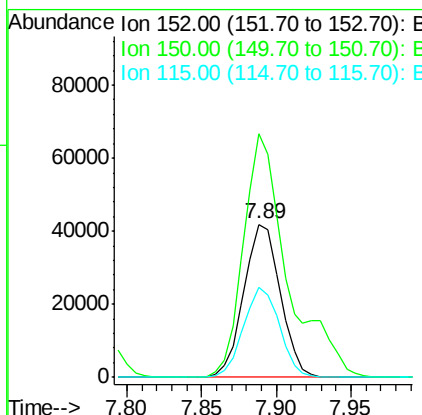
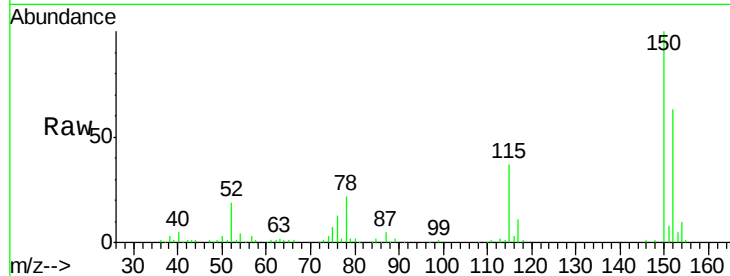
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 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.89 min Scan# 817
 Delta R.T. -0.02 min
 Lab File: BG044453.D
 Acq: 17 Feb 2020 18:59

Instrument :
 BNA_G
 ClientSampleId :
 2-5-1MSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.9	122.6	183.8
115	58.5	46.0	69.0

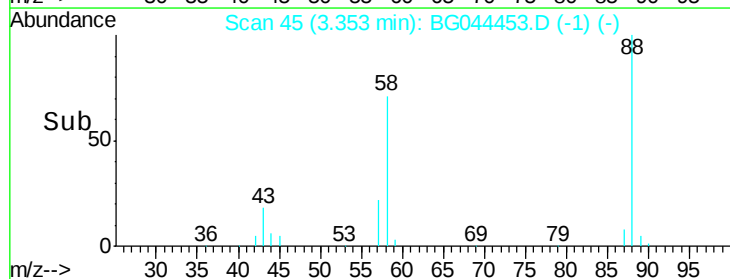
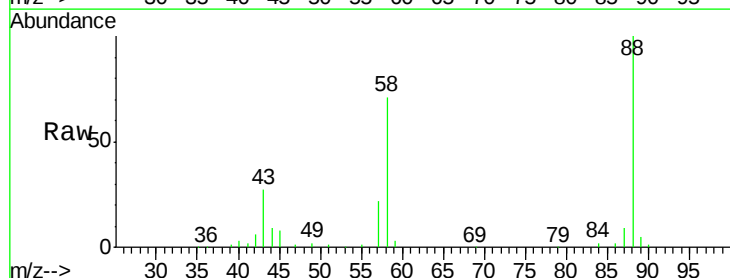
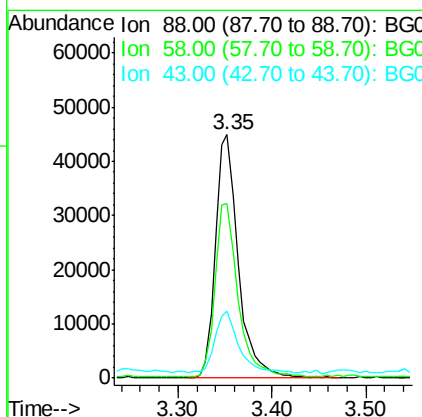
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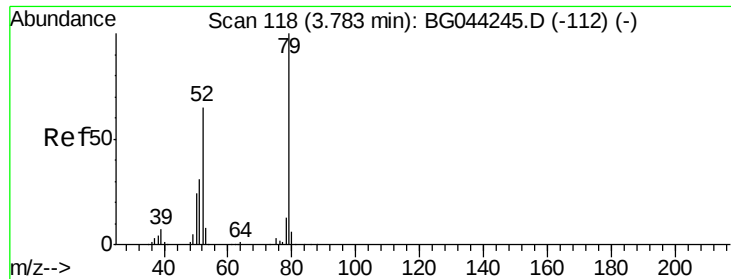
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#2
 1,4-Dioxane
 Concen: 42.61 ng
 RT: 3.35 min Scan# 45
 Delta R.T. -0.01 min
 Lab File: BG044453.D
 Acq: 17 Feb 2020 18:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.0	55.8	83.6
43	25.1	21.6	32.4





#3

Pyridine

Concen: 38.97 ng

RT: 3.75 min Scan# 112

Delta R.T. -0.02 min

Lab File: BG044453.D

Acq: 17 Feb 2020 18:59

Instrument :

BNA_G

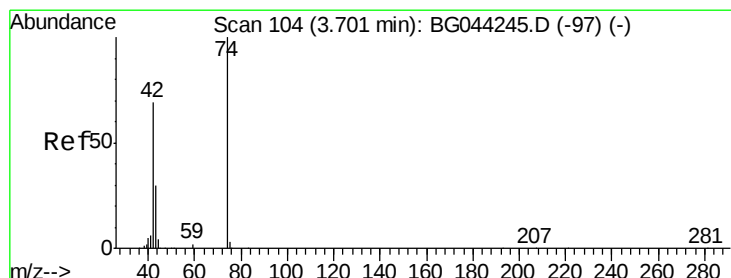
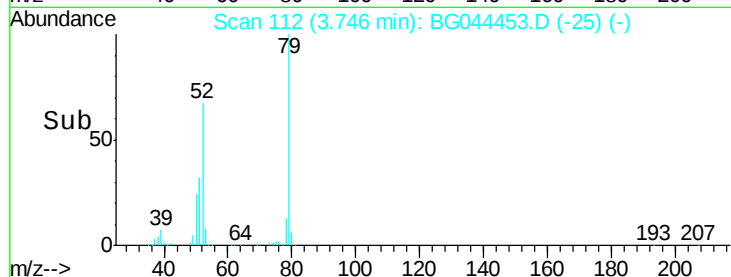
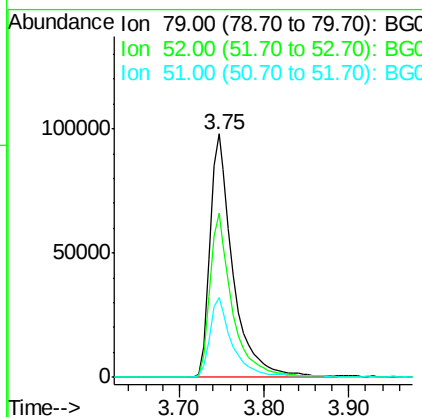
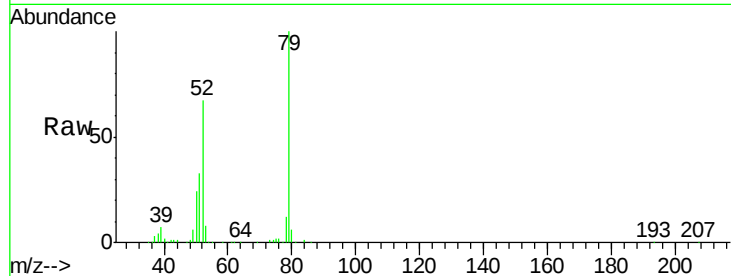
ClientSampled :

2-5-1MSD

Tgt Ion:	79	Resp:	187300
Ion	Ratio	Lower	Upper
79	100		
52	67.3	51.9	77.9
51	32.8	25.3	37.9

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#4

n-Nitrosodimethylamine

Concen: 45.70 ng

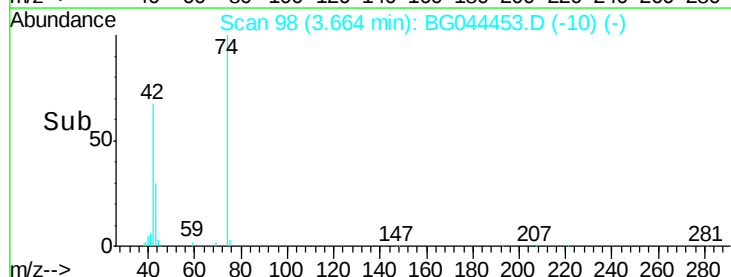
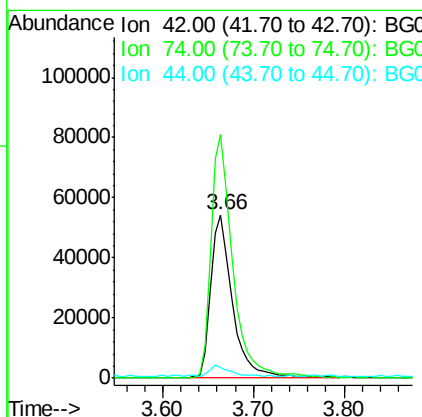
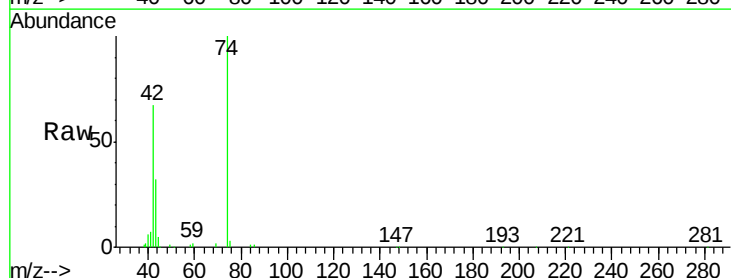
RT: 3.66 min Scan# 98

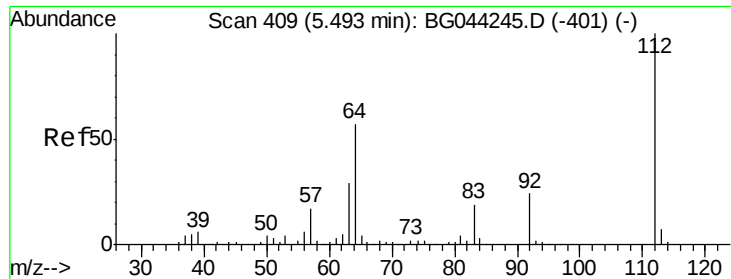
Delta R.T. -0.01 min

Lab File: BG044453.D

Acq: 17 Feb 2020 18:59

Tgt Ion:	42	Resp:	91777
Ion	Ratio	Lower	Upper
42	100		
74	148.9	115.1	172.7
44	6.8	5.6	8.4





#5

2-Fluorophenol

Concen: 107.62 ng

RT: 5.47 min Scan# 406

Delta R.T. -0.01 min

Lab File: BG044453.D

Acq: 17 Feb 2020 18:59

Instrument :

BNA_G

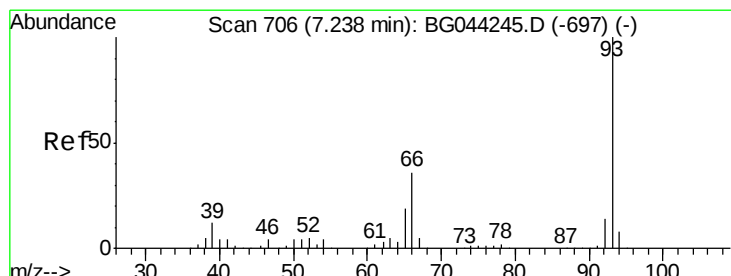
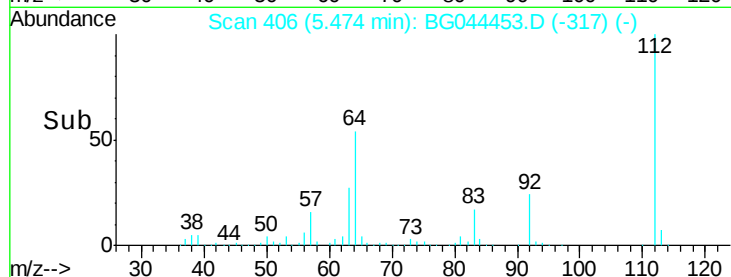
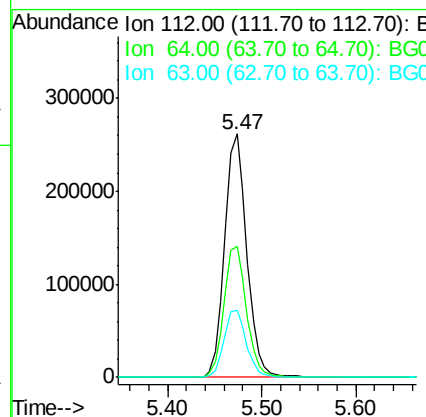
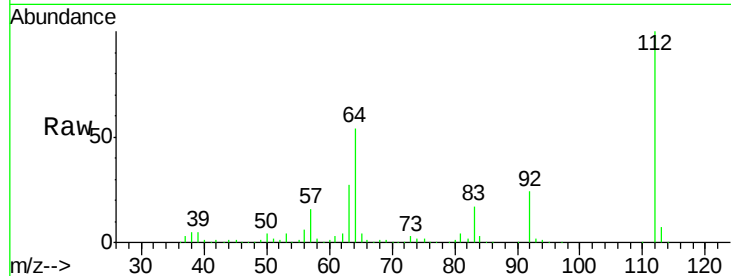
ClientSampleId :

2-5-1MSD

Tgt Ion:	112	Resp:	432077
Ion Ratio	Lower	Upper	
112	100		
64	53.7	45.4	68.2
63	27.4	22.9	34.3

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#6

Aniline

Concen: 30.42 ng

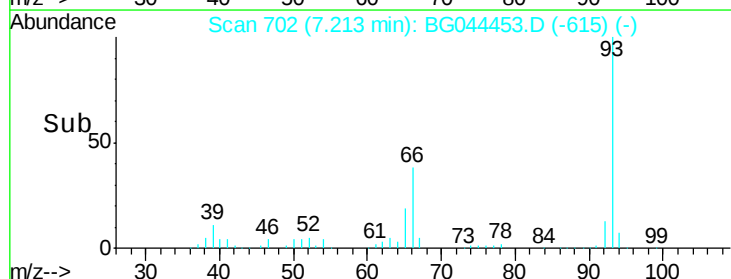
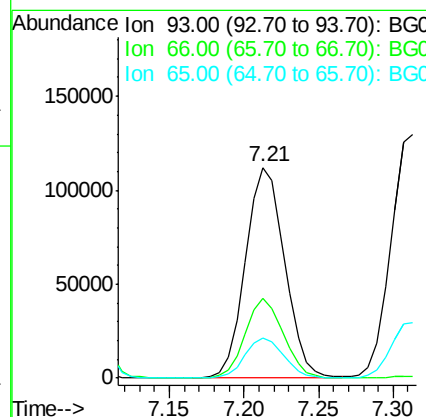
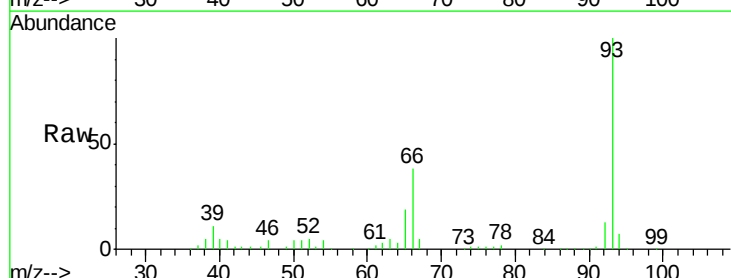
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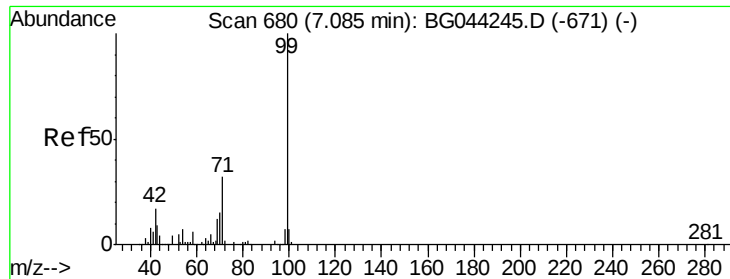
Delta R.T. -0.02 min

Lab File: BG044453.D

Acq: 17 Feb 2020 18:59

Tgt Ion:	93	Resp:	203560
Ion Ratio	Lower	Upper	
93	100		
66	37.7	28.7	43.1
65	18.7	15.4	23.0





#7

Phenol-d6

Concen: 106.72 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG044453.D

Acq: 17 Feb 2020 18:59

Instrument :

BNA_G

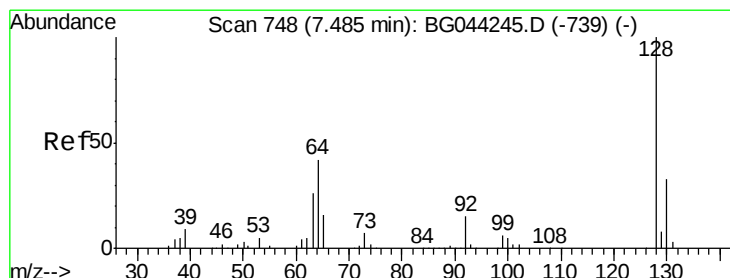
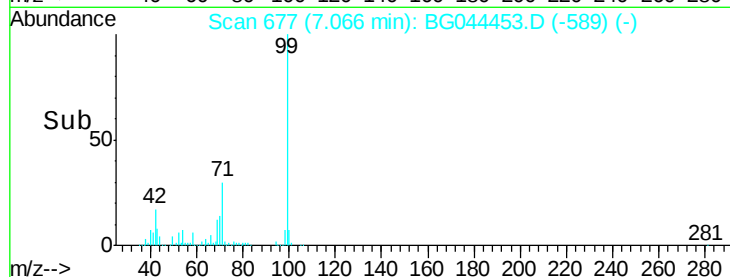
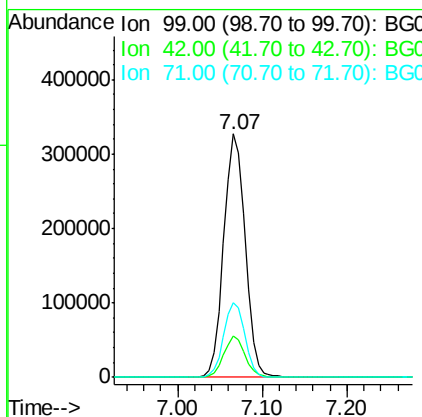
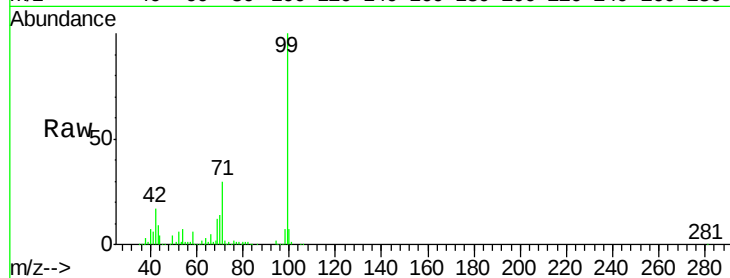
ClientSampleId :

2-5-1MSD

Tgt Ion:	99	Resp:	575364
Ion Ratio	Lower	Upper	
99	100		
42	16.8	13.8	20.6
71	30.5	25.5	38.3

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#8

2-Chlorophenol

Concen: 52.81 ng

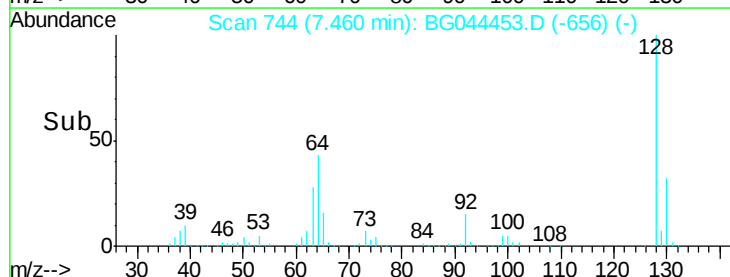
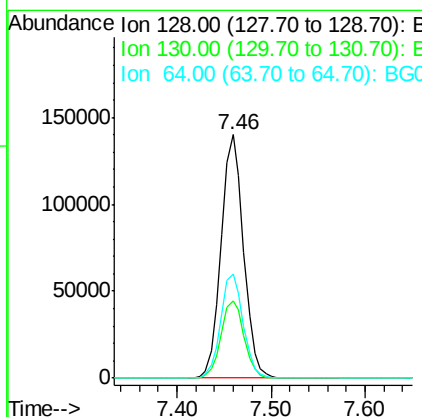
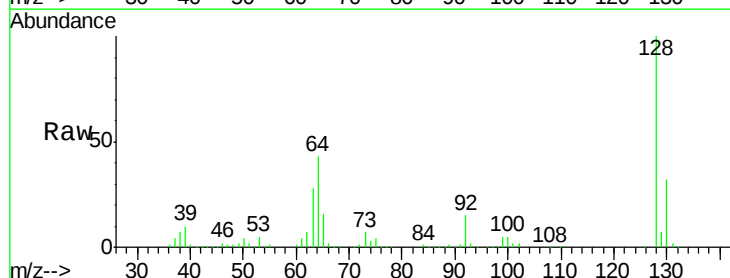
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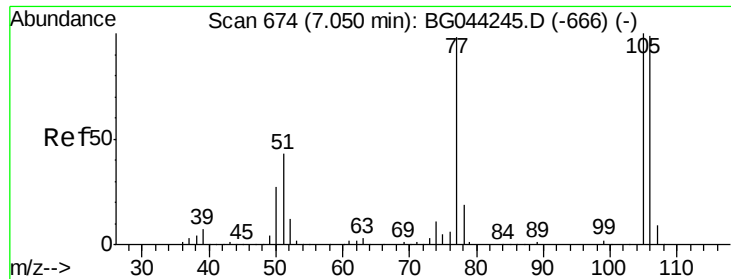
Delta R.T. -0.01 min

Lab File: BG044453.D

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Tgt Ion:	128	Resp:	233016
Ion Ratio	Lower	Upper	
128	100		
130	31.9	12.5	52.5
64	42.9	24.2	64.2





#9

Benzaldehyde

Concen: 31.08 ng

RT: 7.02 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG044453.D

Acq: 17 Feb 2020 18:59

Instrument :

BNA_G

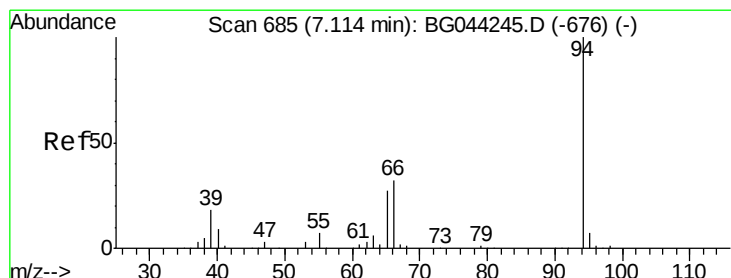
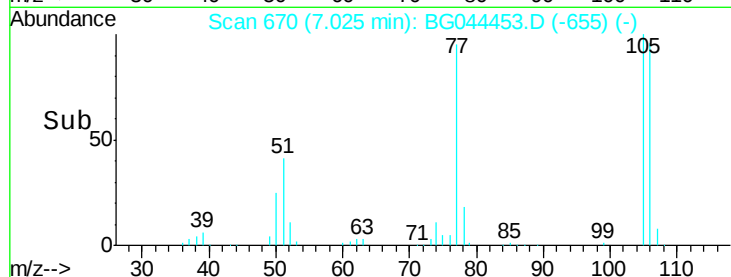
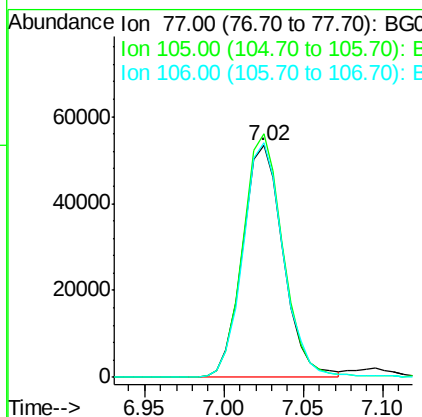
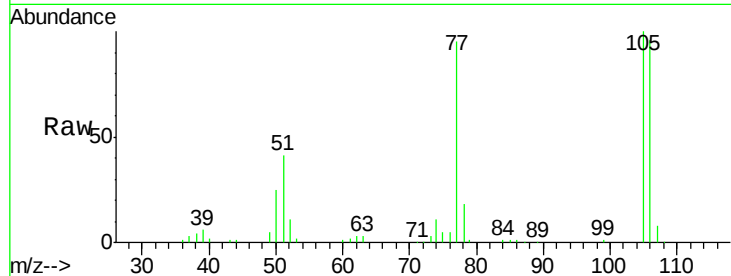
ClientSampleId :

2-5-1MSD

Tgt Ion:	77	Resp:	95421
Ion	Ratio	Lower	Upper
77	100		
105	105.2	82.0	122.0
106	101.4	80.7	120.7

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#10

Phenol

Concen: 53.72 ng

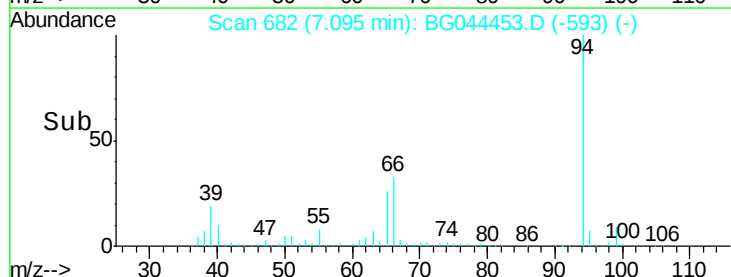
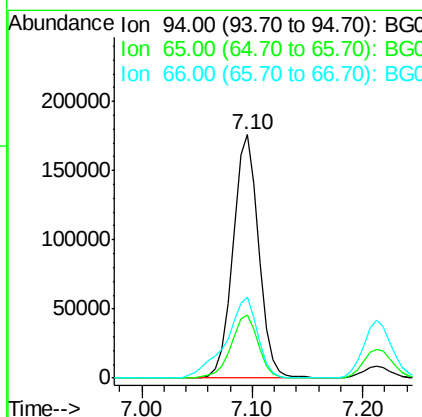
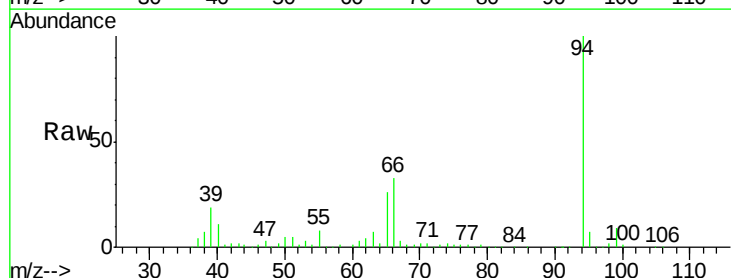
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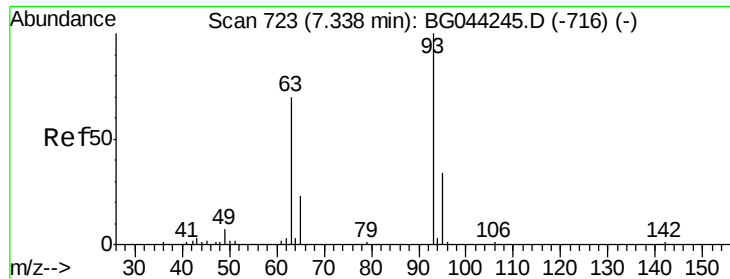
Delta R.T. -0.01 min

Lab File: BG044453.D

Acq: 17 Feb 2020 18:59

Tgt Ion:	94	Resp:	286611
Ion	Ratio	Lower	Upper
94	100		
65	26.1	7.0	47.0
66	33.4	12.7	52.7





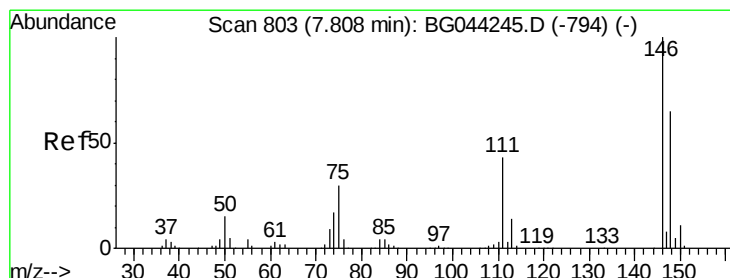
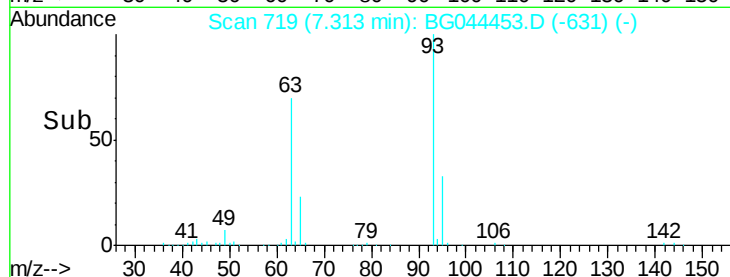
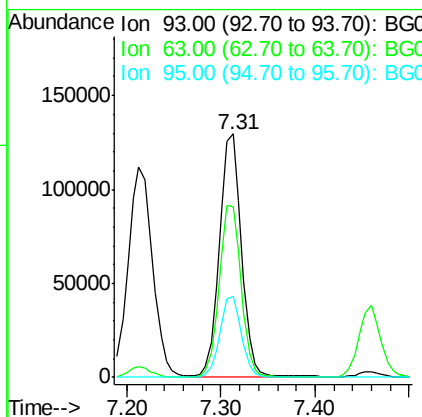
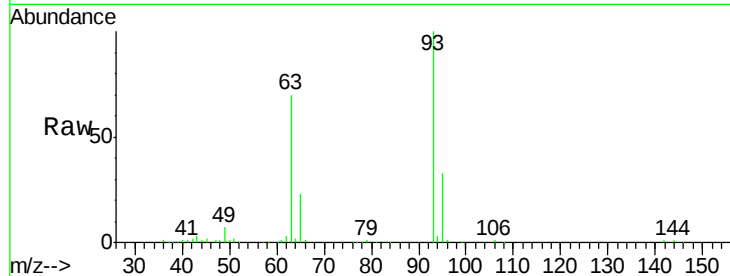
#11
bis(2-Chloroethyl)ether
Concen: 46.69 ng
RT: 7.31 min Scan# 719
Delta R.T. -0.01 min
Lab File: BG044453.D
Acq: 17 Feb 2020 18:59

Instrument :
BNA_G
ClientSampleId :
2-5-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	212954		
63	70.0	49.2	89.2	
95	33.4	13.6	53.6	

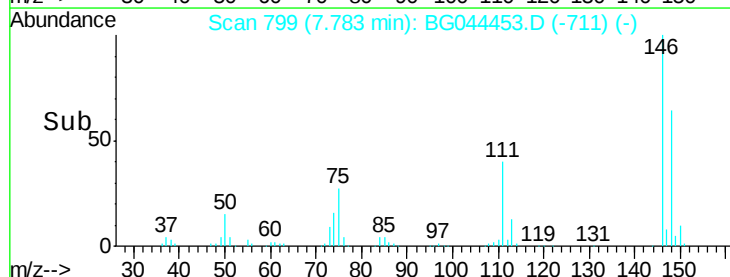
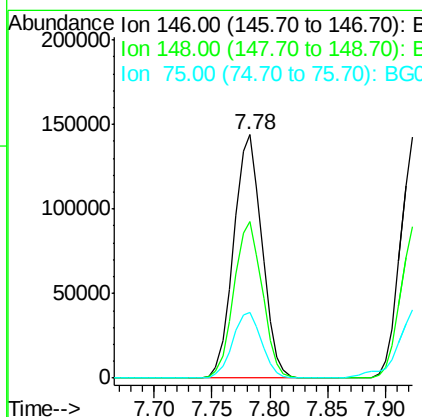
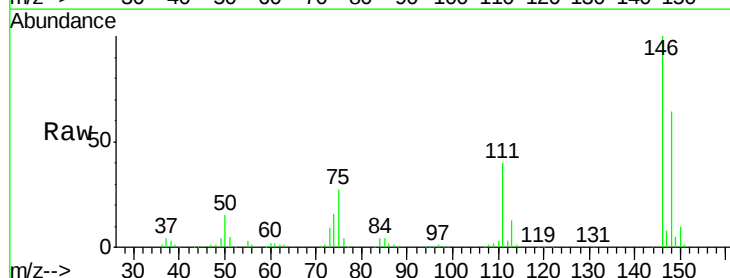
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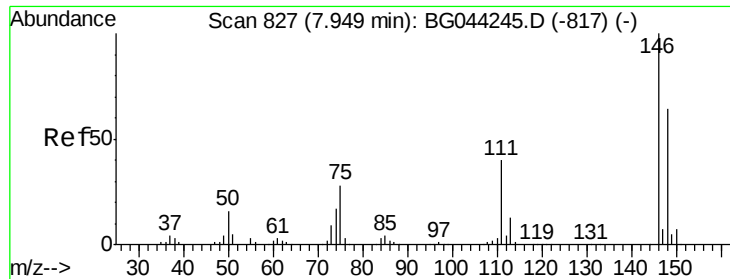
mohammad
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#12
1,3-Dichlorobenzene
Concen: 46.39 ng
RT: 7.78 min Scan# 799
Delta R.T. -0.01 min
Lab File: BG044453.D
Acq: 17 Feb 2020 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	244383		
148	64.1	51.8	77.8	
75	27.2	23.7	35.5	





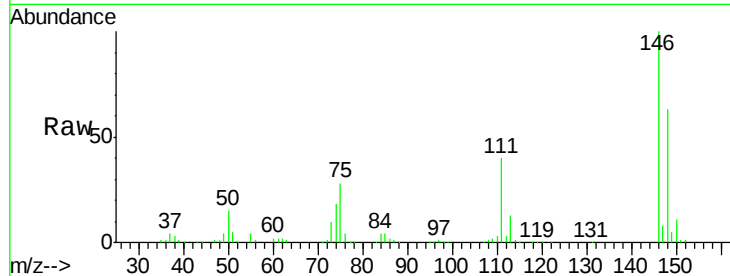
#13
 1,4-Dichlorobenzene
 Concen: 47.18 ng
 RT: 7.92 min Scan# 823
 Delta R.T. -0.02 min
 Lab File: BG044453.D
 Acq: 17 Feb 2020 18:59

Instrument :
 BNA_G
 ClientSampleId :
 2-5-1MSD

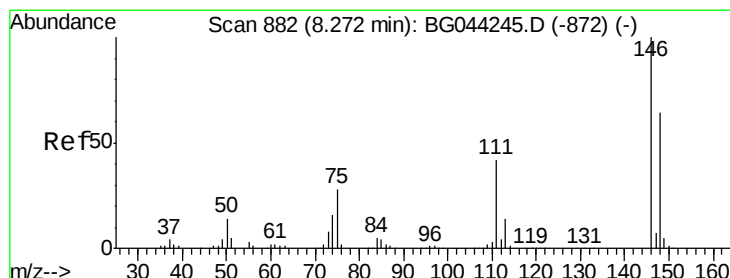
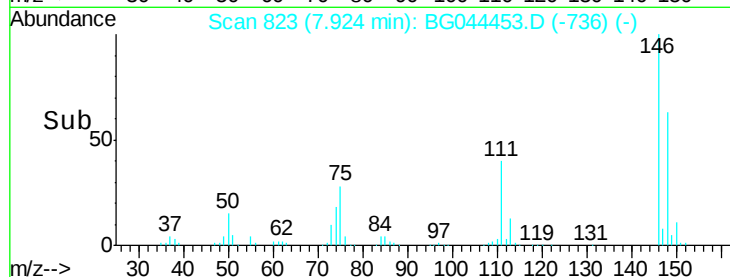
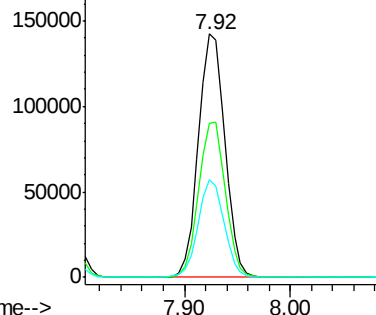
Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.4	77.0
111	40.2	31.8	47.8

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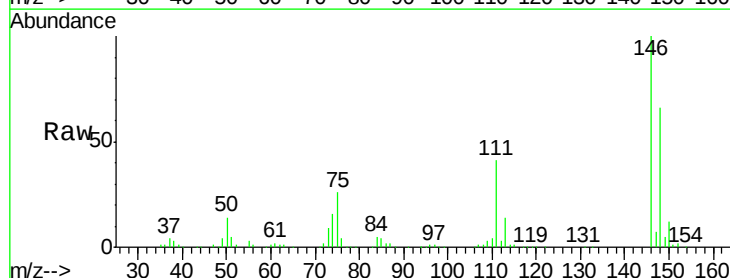


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

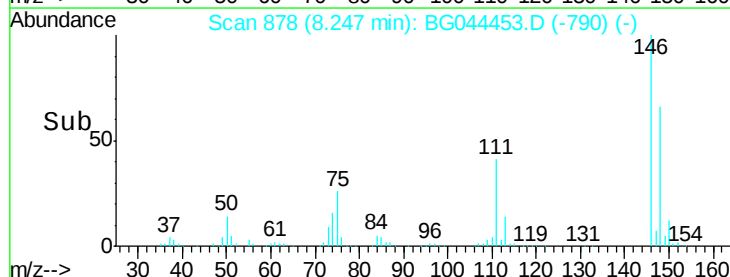
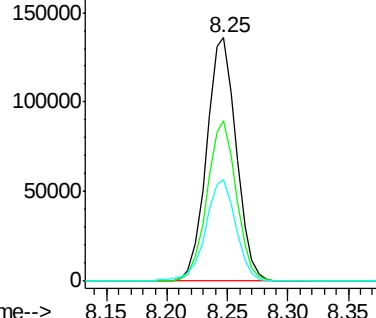


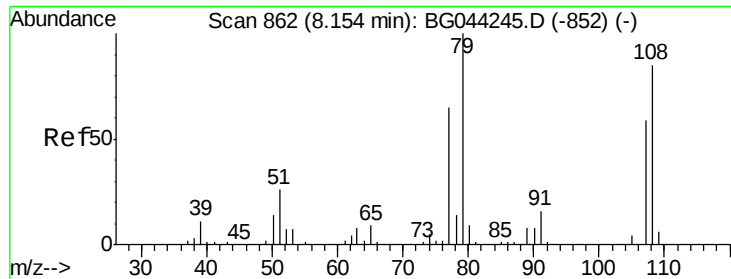
#14
 1,2-Dichlorobenzene
 Concen: 47.13 ng
 RT: 8.25 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: BG044453.D
 Acq: 17 Feb 2020 18:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	51.2	76.8
111	41.5	34.0	51.0



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





#15

Benzyl Alcohol

Concen: 49.22 ng

RT: 8.13 min Scan# 858

Delta R.T. -0.01 min

Lab File: BG044453.D

Acq: 17 Feb 2020 18:59

Instrument :

BNA_G

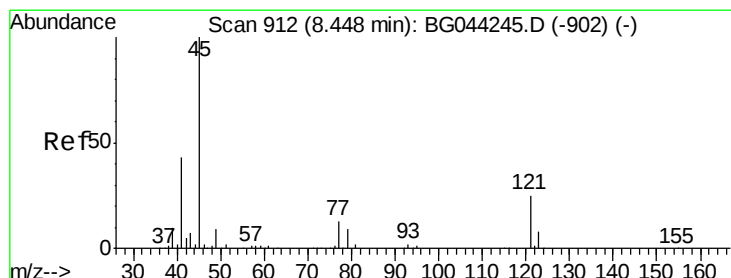
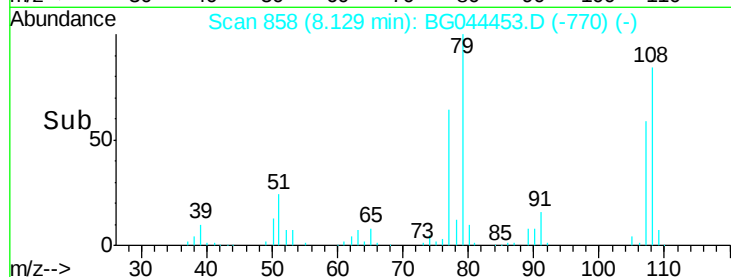
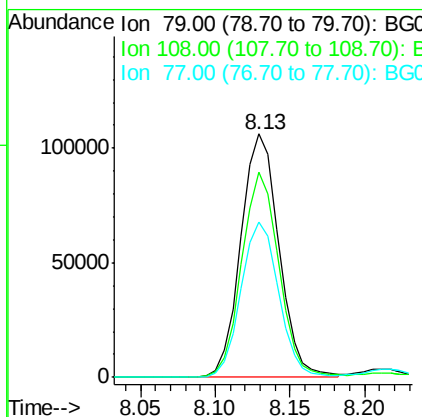
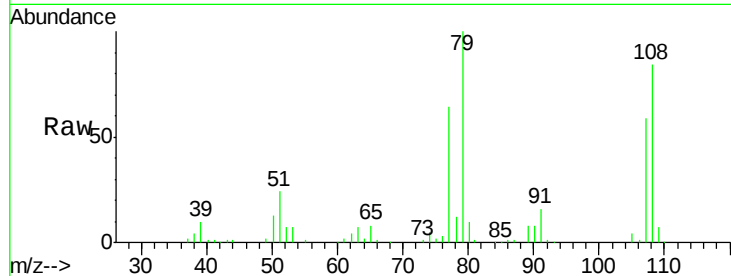
ClientSampleId :

2-5-1MSD

Tgt Ion:	79	Resp:	187859
Ion	Ratio	Lower	Upper
79	100		
108	84.2	68.3	102.5
77	63.5	51.8	77.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.96 ng

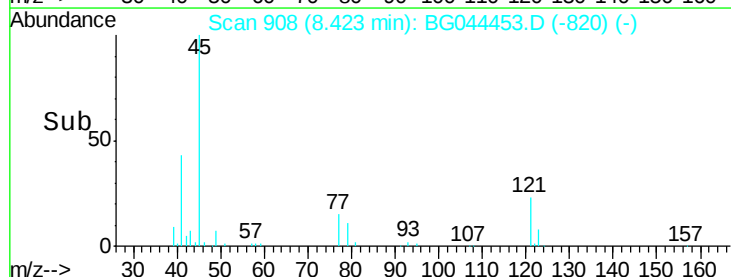
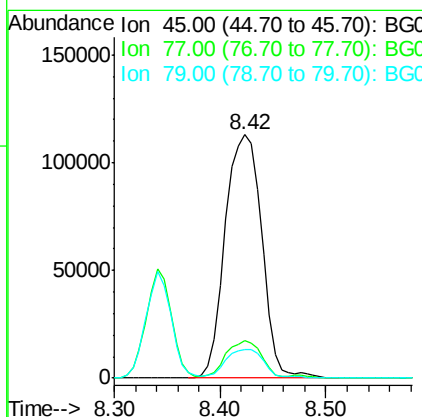
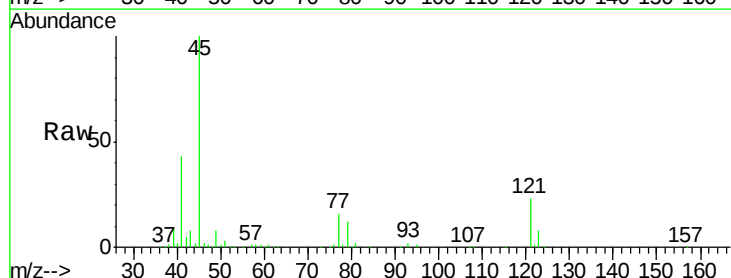
RT: 8.42 min Scan# 908

Delta R.T. -0.01 min

Lab File: BG044453.D

Acq: 17 Feb 2020 18:59

Tgt Ion:	45	Resp:	271409
Ion	Ratio	Lower	Upper
45	100		
77	15.5	0.0	35.2
79	11.8	0.0	31.1





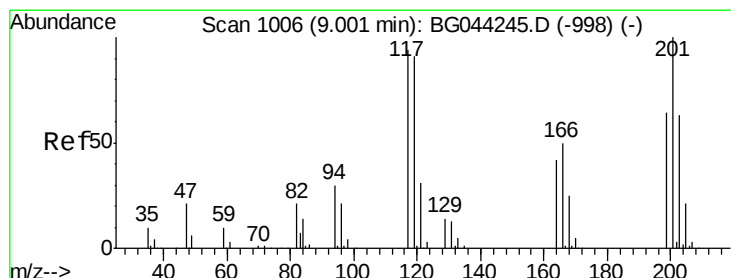
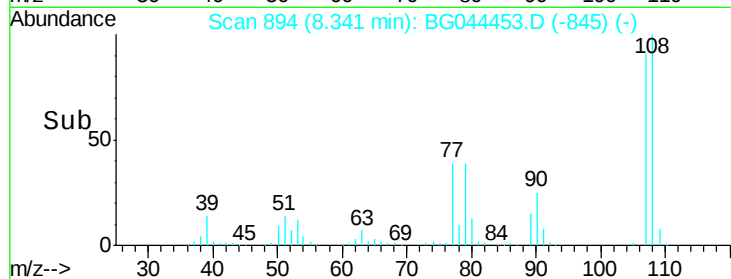
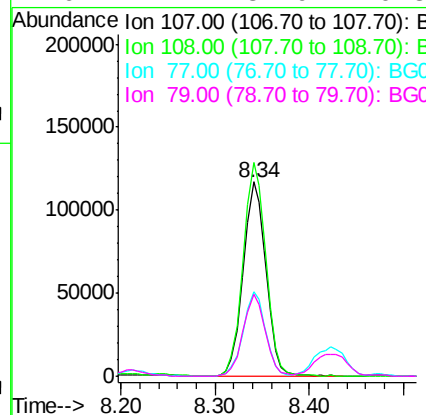
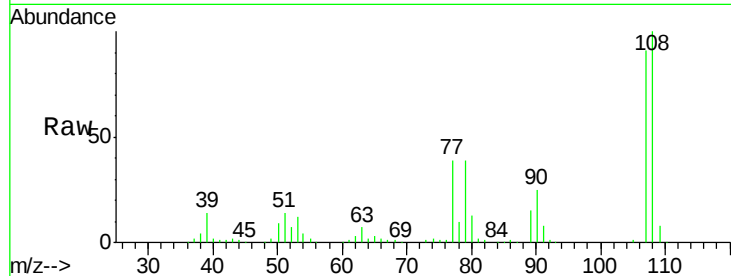
#17
2-Methylphenol
Concen: 51.72 ng
RT: 8.34 min Scan# 894
Delta R.T. -0.01 min
Lab File: BG044453.D
Acq: 17 Feb 2020 18:59

Instrument :
BNA_G
ClientSampleId :
2-5-1MSD

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		196875		
108	109.8	86.4	129.6		
77	43.3	34.0	51.0		
79	42.4	32.9	49.3		

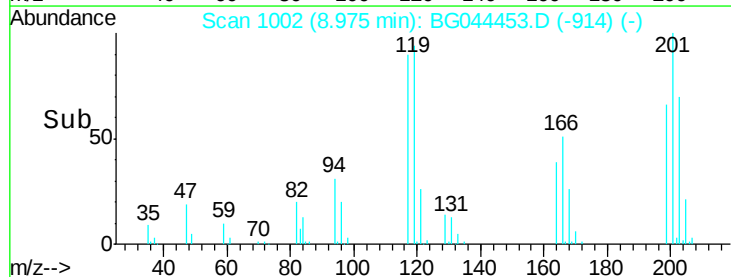
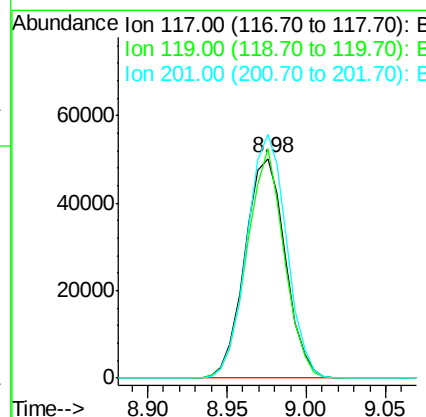
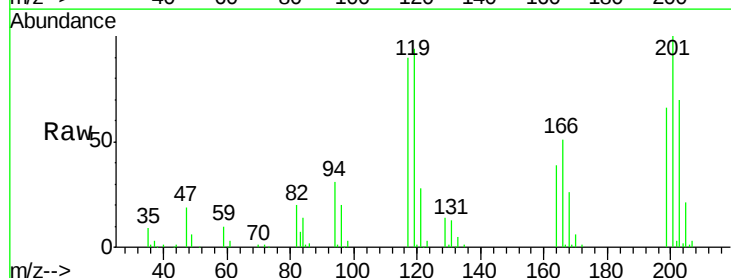
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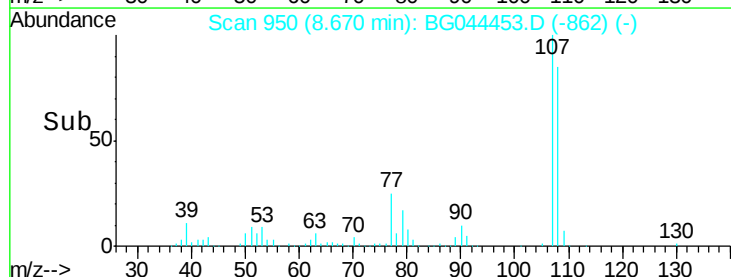
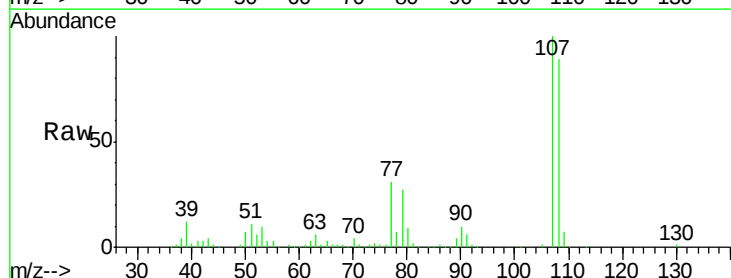
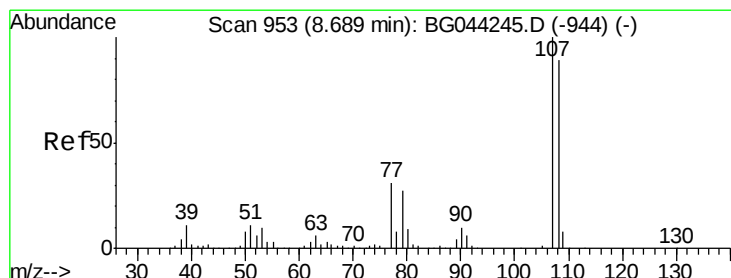
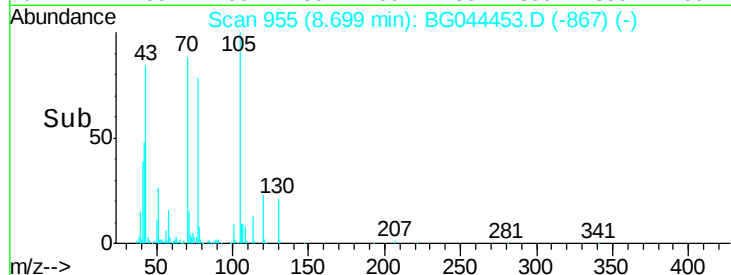
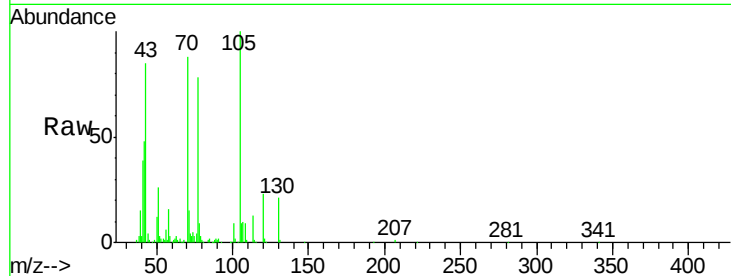
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#18
Hexachloroethane
Concen: 45.39 ng
RT: 8.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BG044453.D
Acq: 17 Feb 2020 18:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		88864		
119	104.5	77.5	116.3		
201	110.9	84.9	127.3		





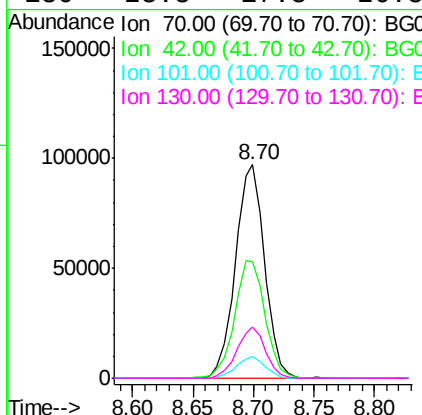
#19
n-Nitroso-di-n-propylamine
Concen: 45.42 ng
RT: 8.70 min Scan# 955
Delta R.T. -0.01 min
Lab File: BG044453.D
Acq: 17 Feb 2020 18:59

Instrument :
BNA_G
ClientSampleId :
2-5-1MSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	54.7	46.2	69.2
101	10.1	8.4	12.6
130	23.8	17.8	26.8

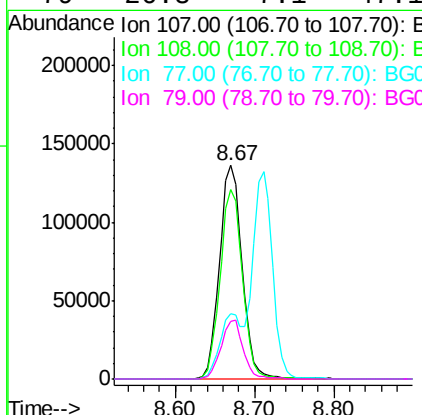
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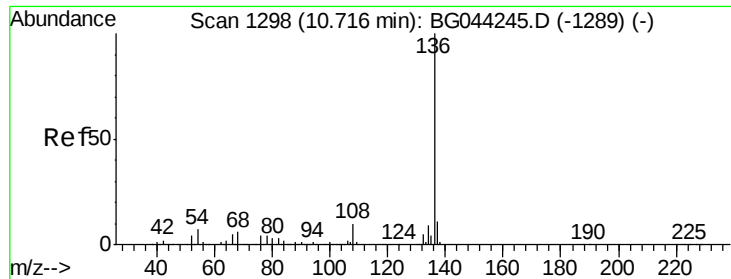
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#20
3+4-Methylphenols
Concen: 51.35 ng
RT: 8.67 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG044453.D
Acq: 17 Feb 2020 18:59

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.7	68.5	108.5
77	30.8	10.9	50.9
79	26.8	7.1	47.1





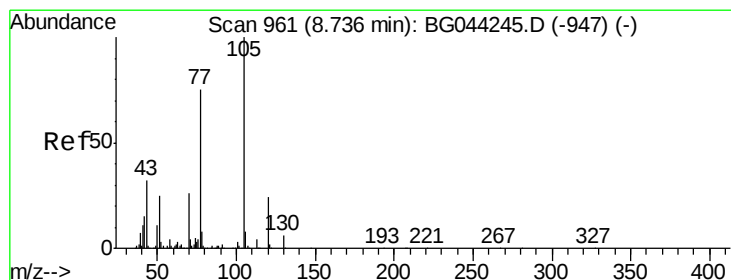
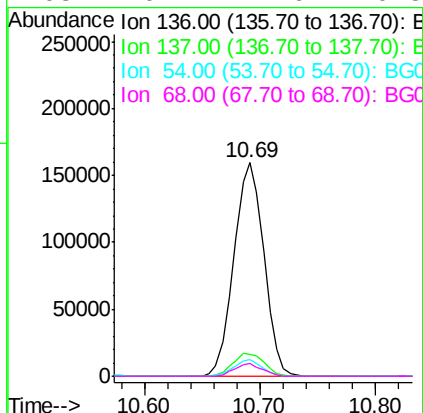
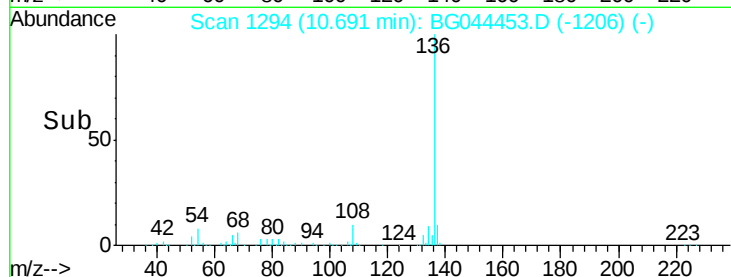
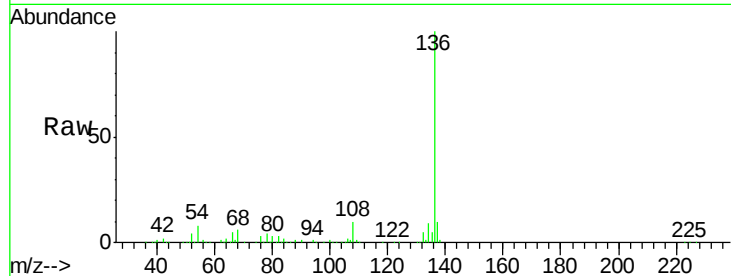
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.69 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BG044453.D
Acq: 17 Feb 2020 18:59

Instrument :
BNA_G
ClientSampleId :
2-5-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	285788		
137	10.5		8.8	13.2
54	7.9		5.8	8.8
68	6.1		4.6	6.8

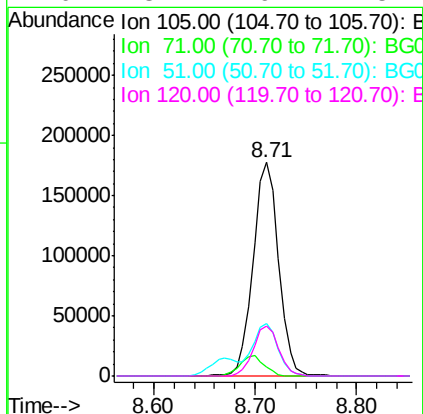
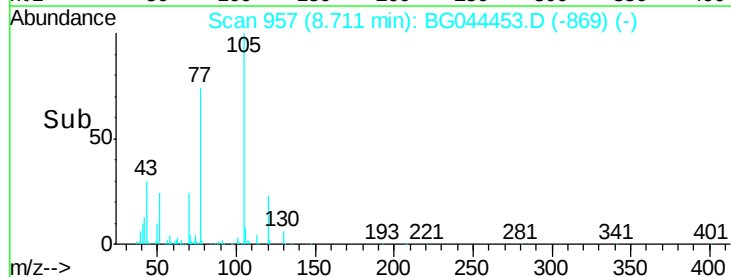
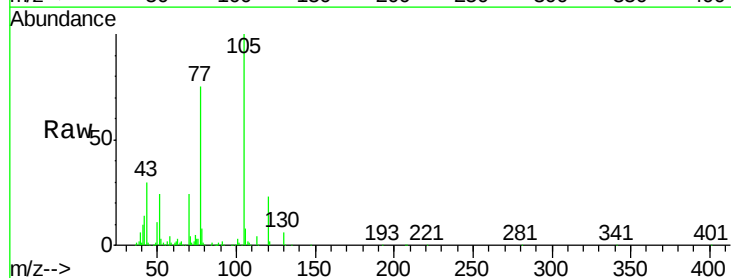
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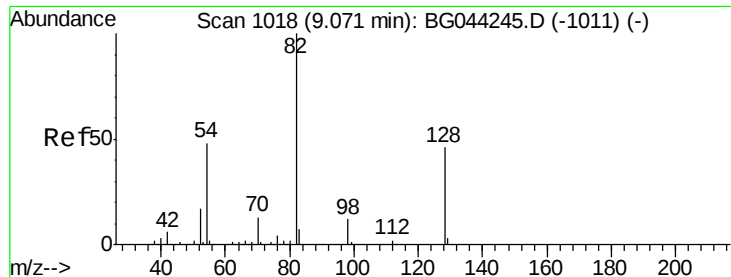
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#22
Acetophenone
Concen: 44.58 ng
RT: 8.71 min Scan# 957
Delta R.T. -0.01 min
Lab File: BG044453.D
Acq: 17 Feb 2020 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	309920		
71	4.2		3.4	5.0
51	24.5		20.2	30.4
120	23.2		19.1	28.7





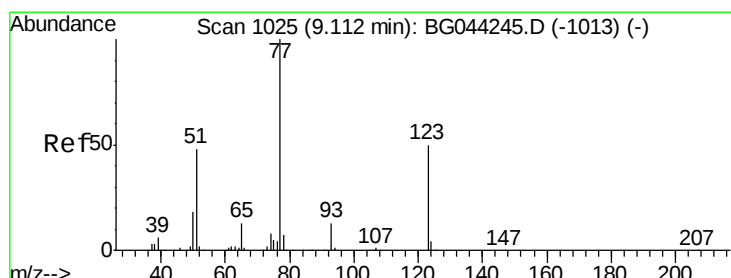
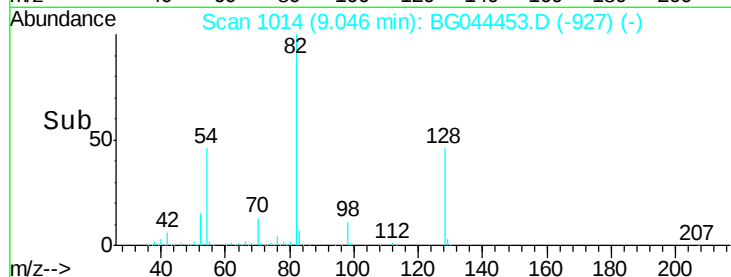
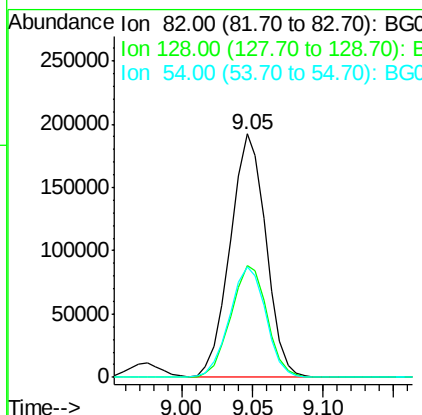
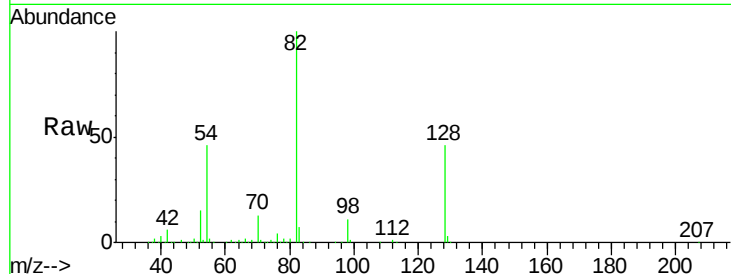
#23
 Nitrobenzene-d5
 Concen: 66.93 ng
 RT: 9.05 min Scan# 1014
 Delta R.T. -0.02 min
 Lab File: BG044453.D
 Acq: 17 Feb 2020 18:59

Instrument :
 BNA_G
 ClientSampleId :
 2-5-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	338823		
128	45.9	36.5	54.7	
54	45.6	38.6	58.0	

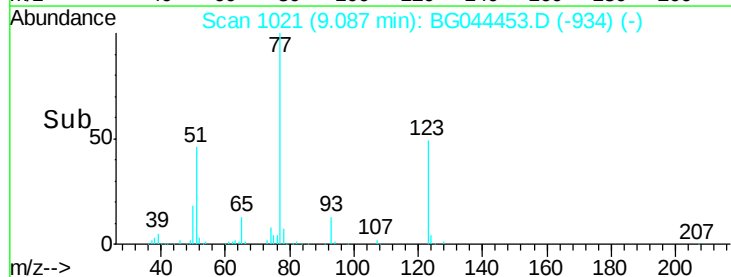
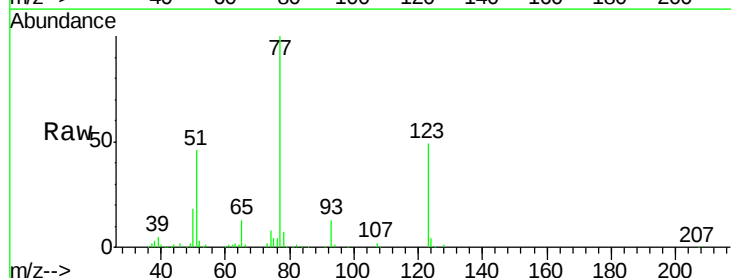
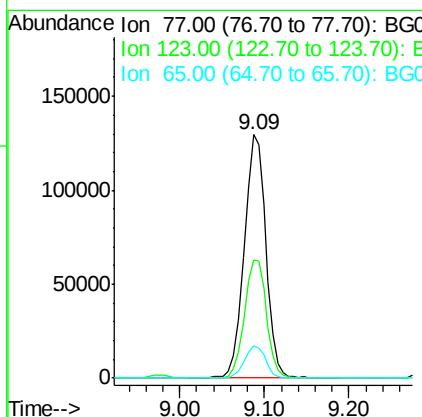
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#24
 Nitrobenzene
 Concen: 46.50 ng
 RT: 9.09 min Scan# 1021
 Delta R.T. -0.02 min
 Lab File: BG044453.D
 Acq: 17 Feb 2020 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	229819		
123	48.7	39.9	59.9	
65	13.3	10.4	15.6	





#25

Isophorone

Concen: 47.81 ng

RT: 9.62 min Scan# 1111

Delta R.T. -0.02 min

Lab File: BG044453.D

Acq: 17 Feb 2020 18:59

Instrument :

BNA_G

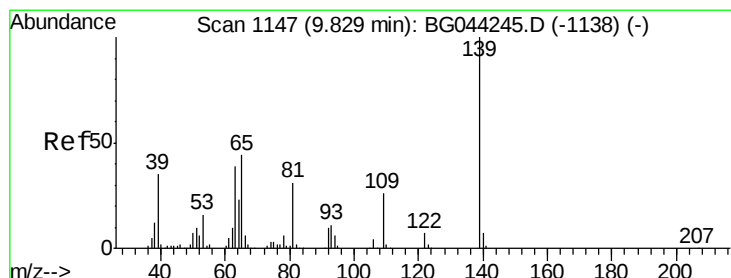
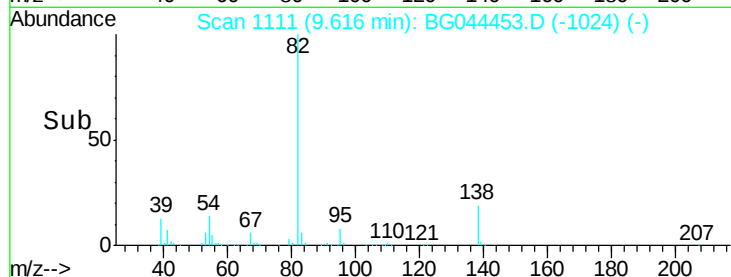
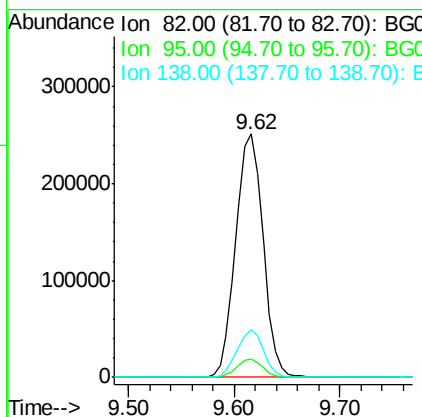
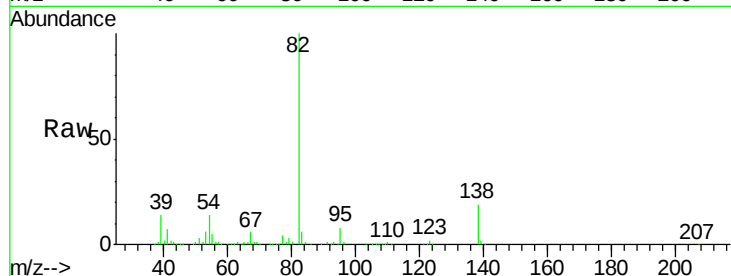
ClientSampleId :

2-5-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	451131		
95	7.5	5.7	8.5	
138	19.4	15.0	22.4	

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#26

2-Nitrophenol

Concen: 50.99 ng

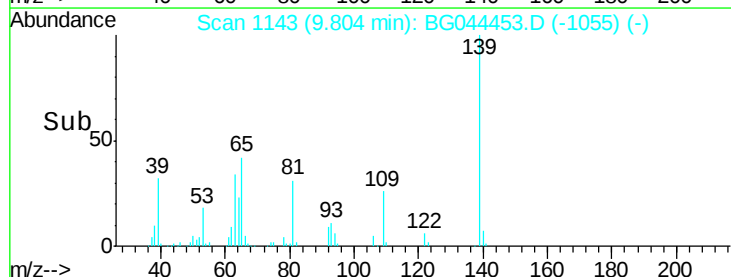
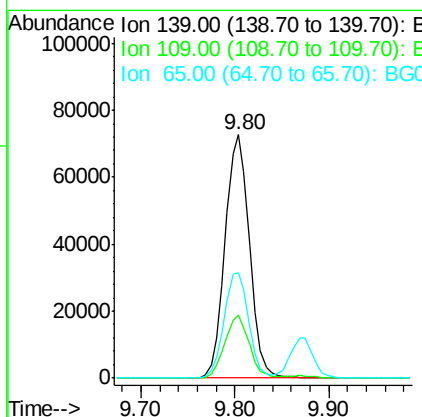
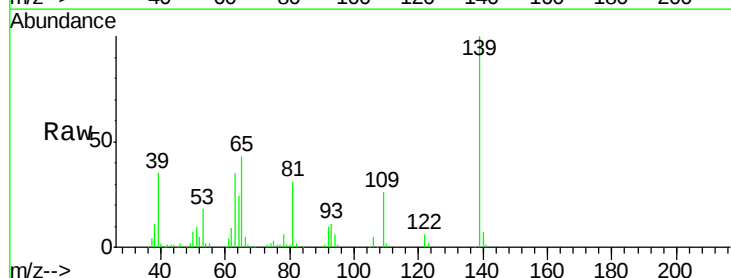
RT: 9.80 min Scan# 1143

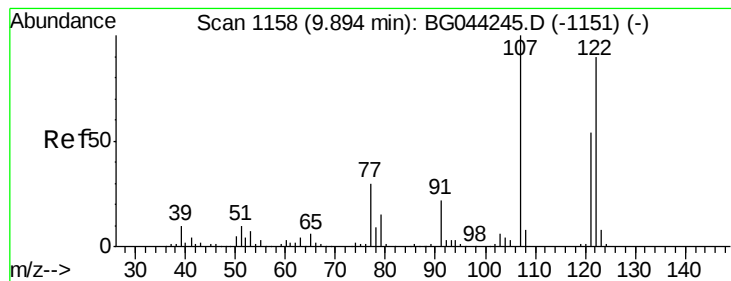
Delta R.T. -0.01 min

Lab File: BG044453.D

Acq: 17 Feb 2020 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	130754		
109	25.9	21.0	31.4	
65	43.0	35.0	52.4	





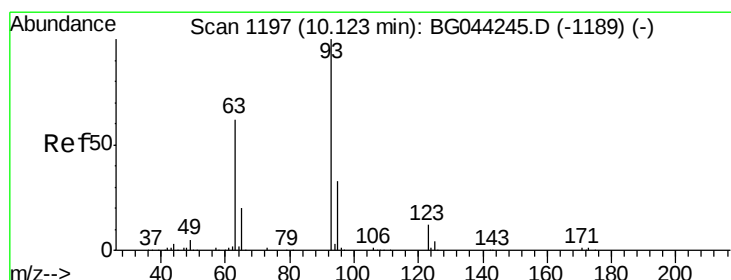
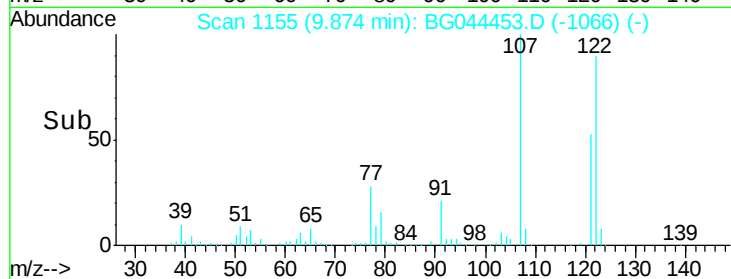
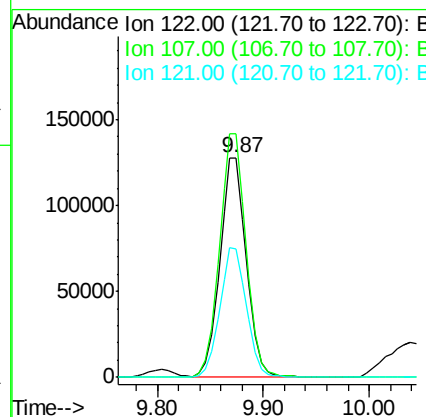
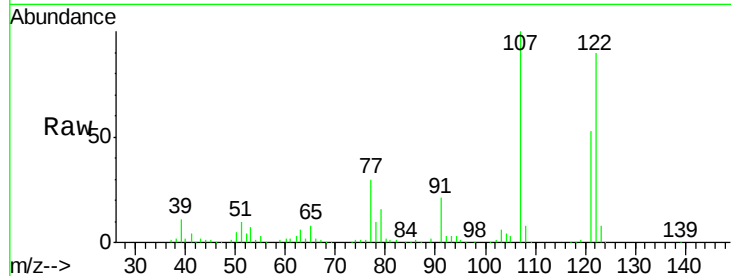
#27
 2,4-Dimethylphenol
 Concen: 60.83 ng
 RT: 9.87 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BG044453.D
 Acq: 17 Feb 2020 18:59

Instrument :
 BNA_G
 ClientSampleId :
 2-5-1MSD

Tgt Ion	Ratio	Lower	Upper
122	100		
107	111.0	88.8	133.2
121	58.5	48.3	72.5

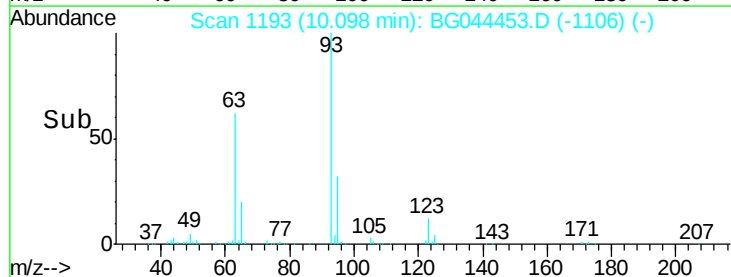
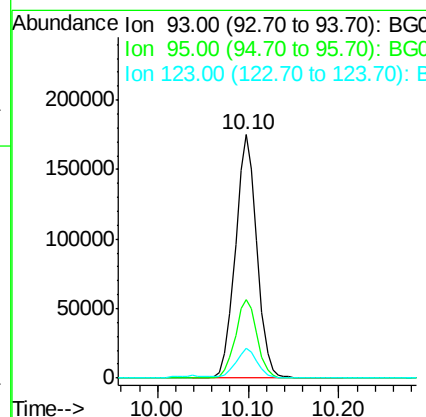
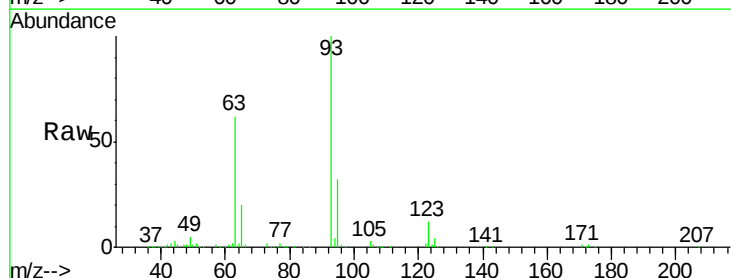
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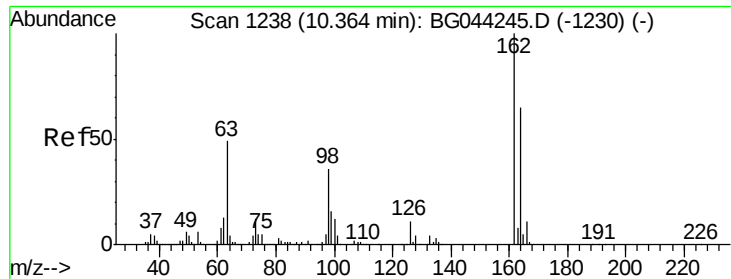
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#28
 bis(2-Chloroethoxy)methane
 Concen: 45.90 ng
 RT: 10.10 min Scan# 1193
 Delta R.T. -0.02 min
 Lab File: BG044453.D
 Acq: 17 Feb 2020 18:59

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.6	40.0
123	12.3	10.0	15.0





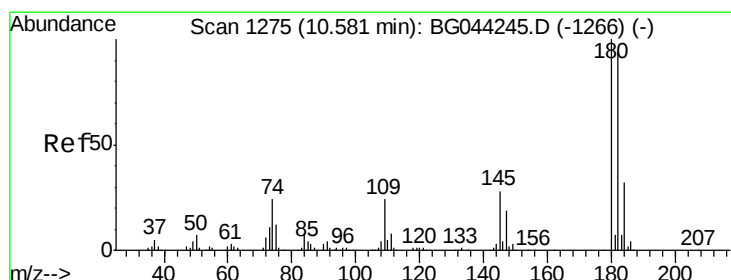
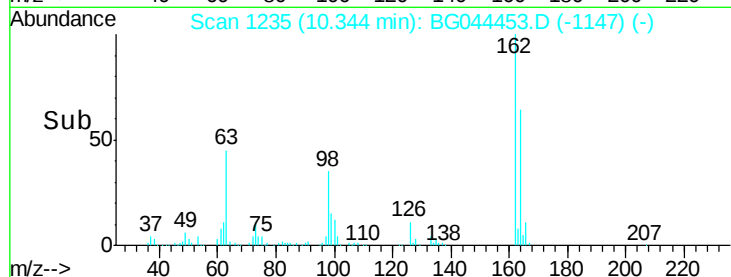
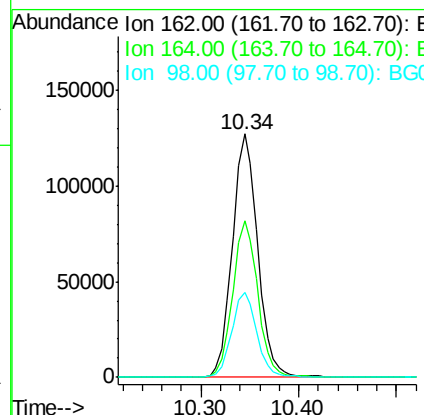
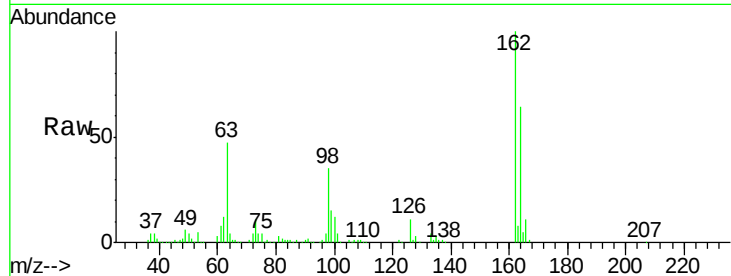
#29
2,4-Dichlorophenol
Concen: 52.43 ng
RT: 10.34 min Scan# 1235
Delta R.T. -0.01 min
Lab File: BG044453.D
Acq: 17 Feb 2020 18:59

Instrument :
BNA_G
ClientSampleId :
2-5-1MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.1	44.7	84.7
98	35.0	15.8	55.8

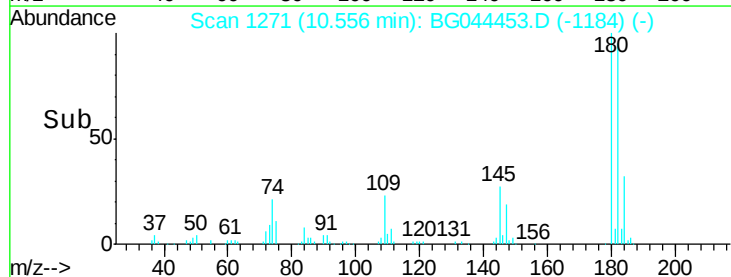
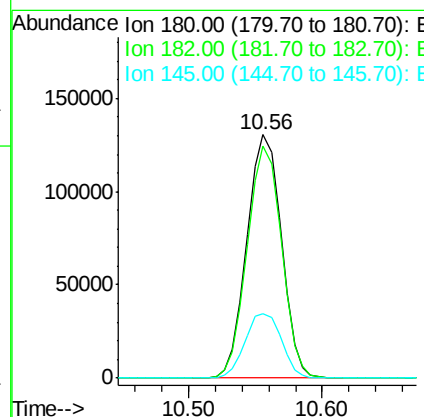
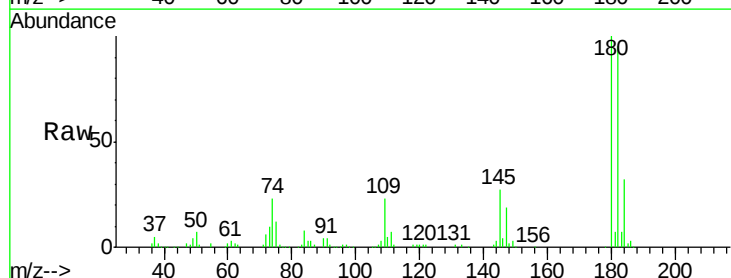
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#30
1,2,4-Trichlorobenzene
Concen: 46.55 ng
RT: 10.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BG044453.D
Acq: 17 Feb 2020 18:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.4	75.5	113.3
145	26.5	22.6	34.0





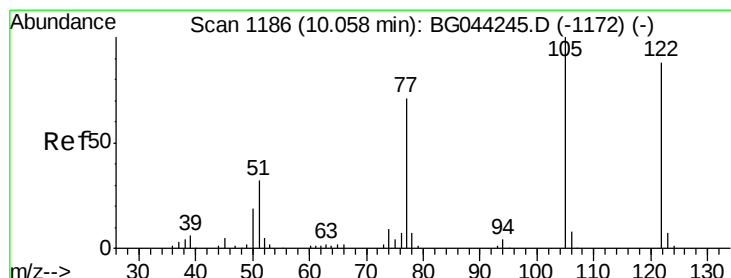
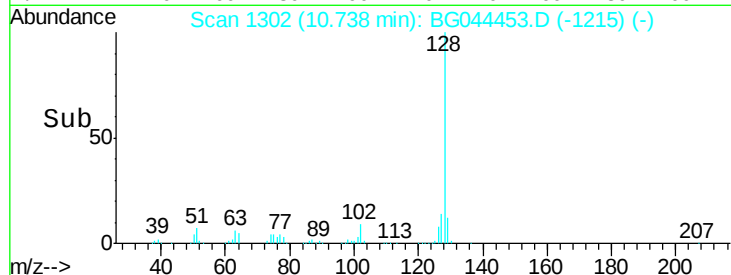
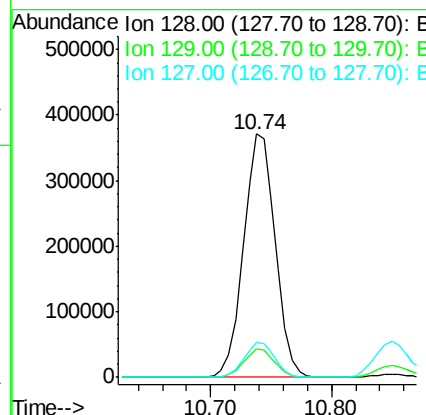
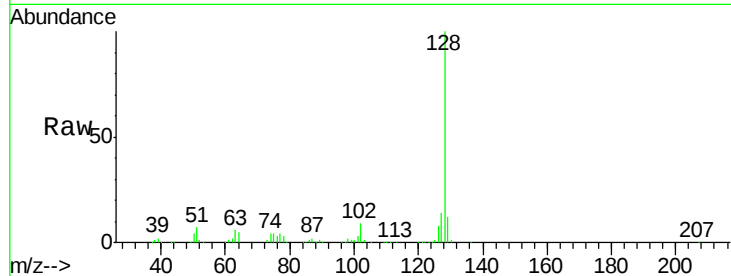
#31
Naphthalene
Concen: 48.66 ng
RT: 10.74 min Scan# 1302
Delta R.T. -0.02 min
Lab File: BG044453.D
Acq: 17 Feb 2020 18:59

Instrument :
BNA_G
ClientSampleId :
2-5-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	674757		
129	11.9	9.3	13.9	
127	14.4	11.6	17.4	

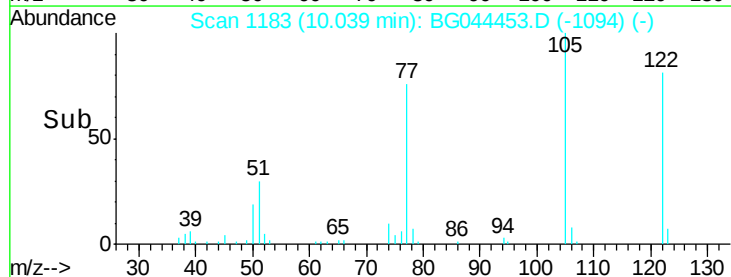
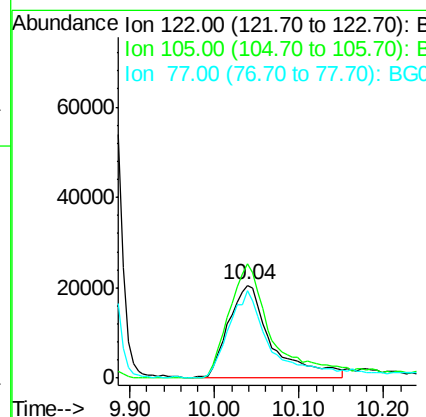
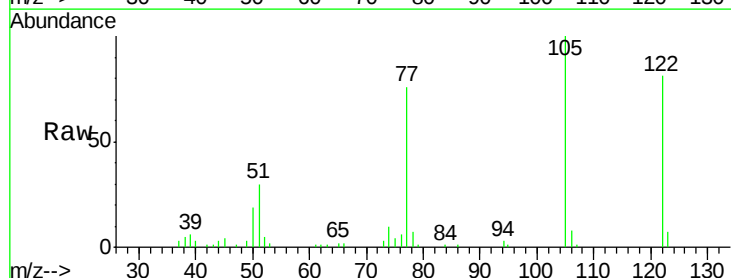
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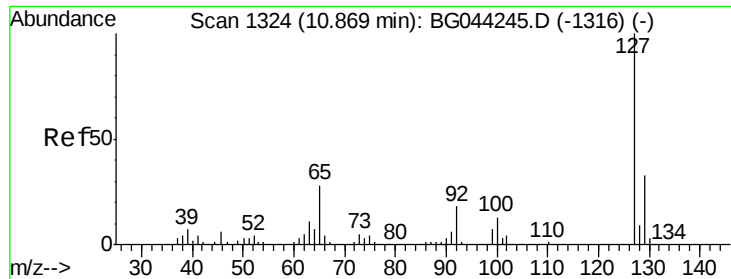
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#32
Benzoic acid
Concen: 35.20 ng
RT: 10.04 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BG044453.D
Acq: 17 Feb 2020 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	71151		
105	123.1	93.5	133.5	
77	93.9	61.0	101.0	





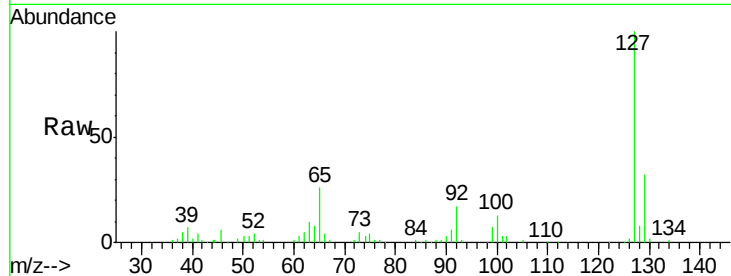
#33
4-Chloroaniline
Concen: 17.75 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG044453.D
Acq: 17 Feb 2020 18:59

Instrument :
BNA_G
ClientSampleId :
2-5-1MSD

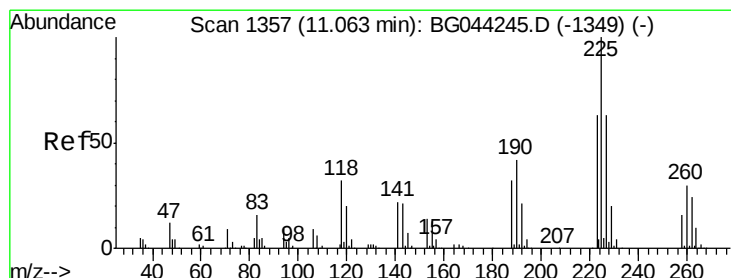
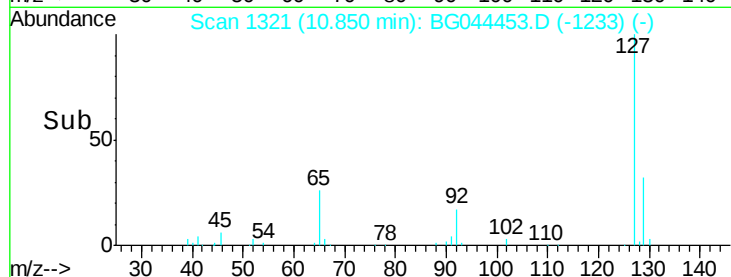
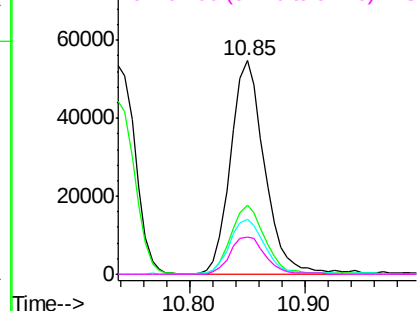
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	111922		
129	32.5	26.6	40.0	
65	25.9	22.5	33.7	
92	17.5	14.1	21.1	

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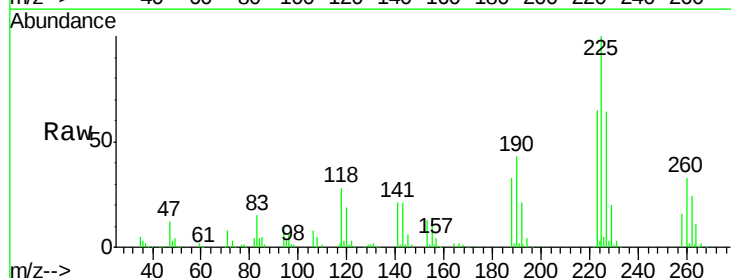


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

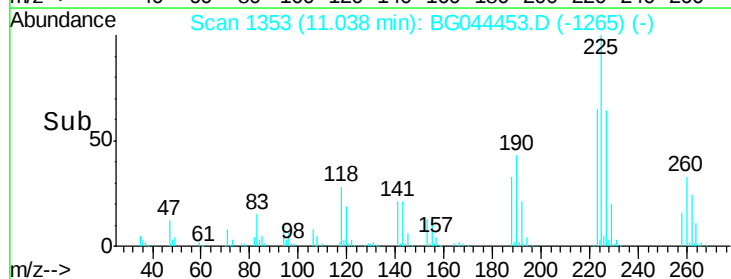
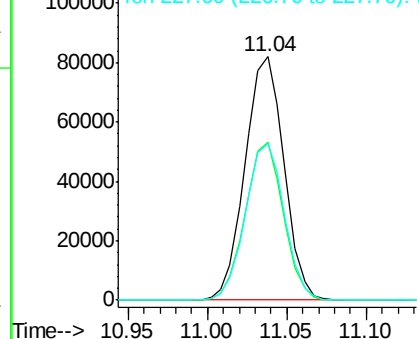


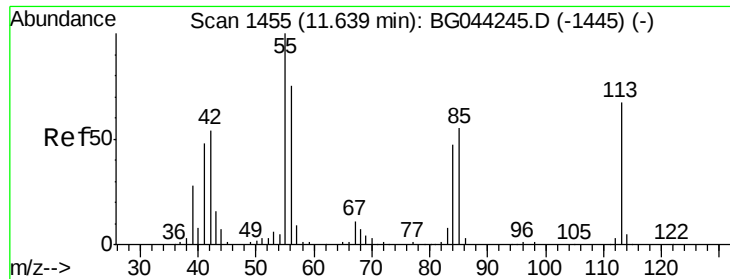
#34
Hexachlorobutadiene
Concen: 45.26 ng
RT: 11.04 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG044453.D
Acq: 17 Feb 2020 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	139756		
223	64.8	50.2	75.4	
227	64.3	50.8	76.2	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





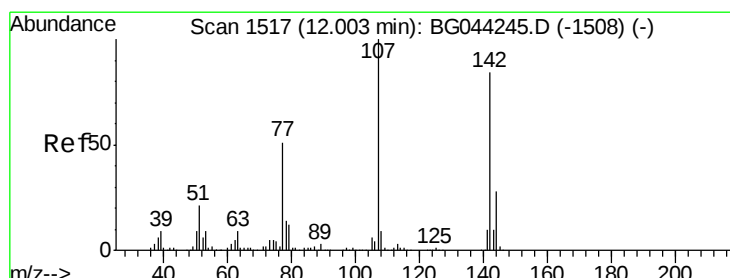
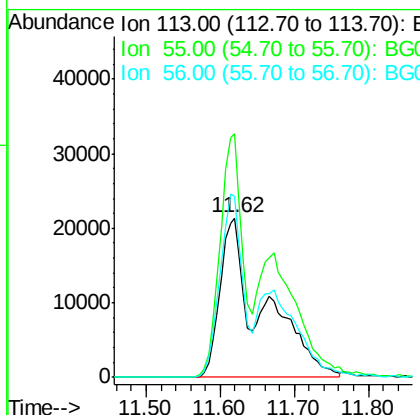
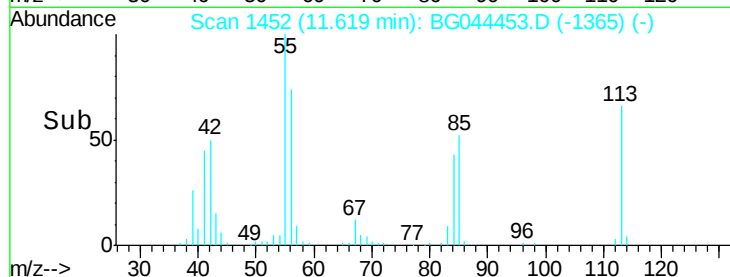
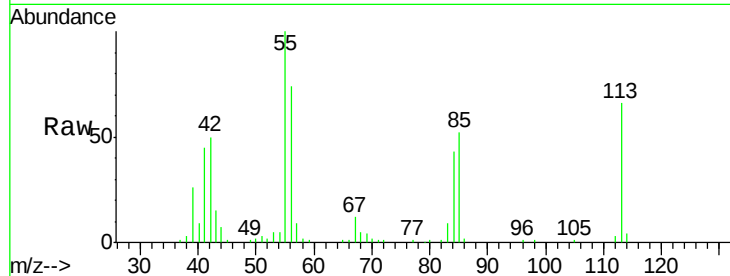
#35
 Caprolactam
 Concen: 52.61 ng m
 RT: 11.62 min Scan# 1452
 Delta R.T. -0.02 min
 Lab File: BG044453.D
 Acq: 17 Feb 2020 18:59

Instrument :
 BNA_G
 ClientSampleId :
 2-5-1MSD

Tgt Ion:113 Resp: 84348
 Ion Ratio Lower Upper
 113 100
 55 152.4 129.9 169.9
 56 113.1 92.5 132.5

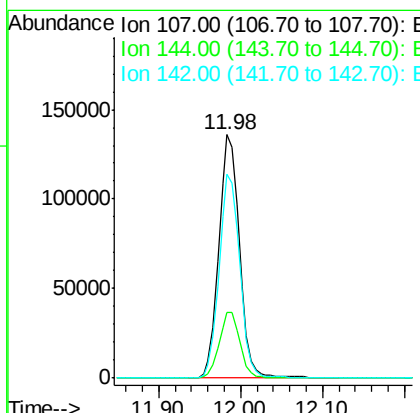
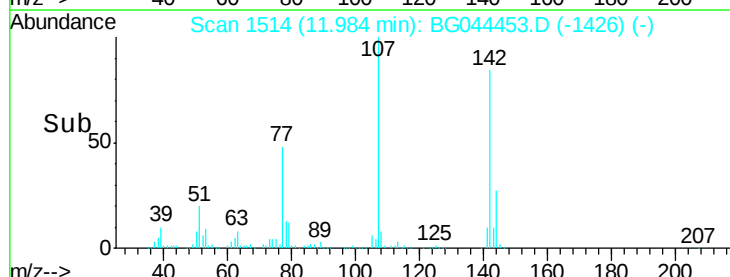
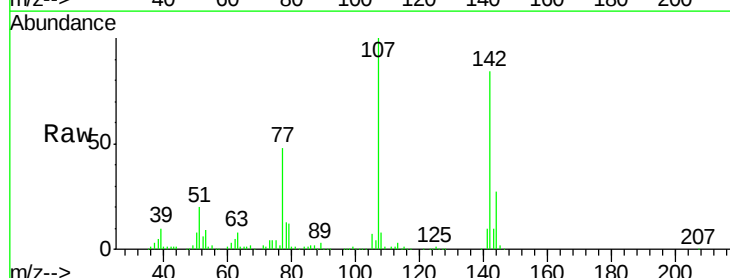
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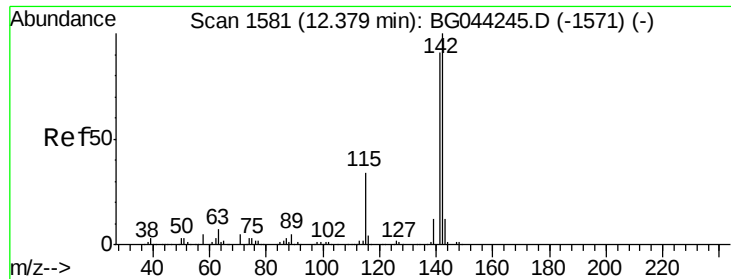
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#36
 4-Chloro-3-methylphenol
 Concen: 52.15 ng
 RT: 11.98 min Scan# 1514
 Delta R.T. -0.01 min
 Lab File: BG044453.D
 Acq: 17 Feb 2020 18:59

Tgt Ion:107 Resp: 239305
 Ion Ratio Lower Upper
 107 100
 144 27.2 22.2 33.4
 142 83.5 67.4 101.0





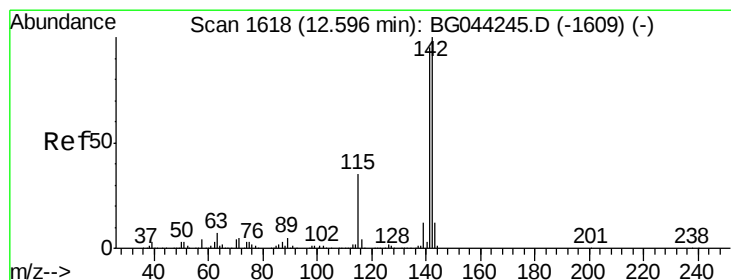
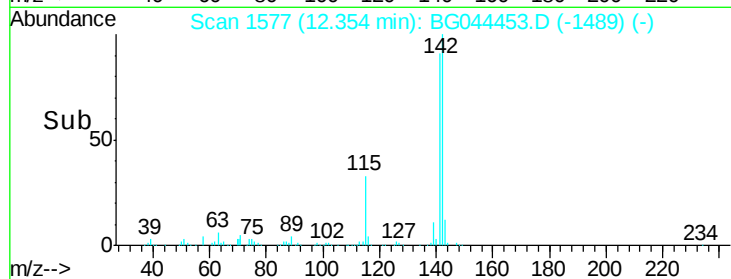
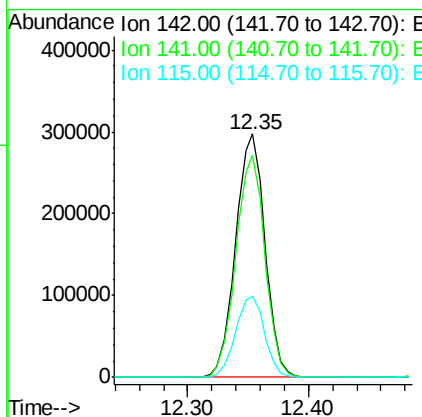
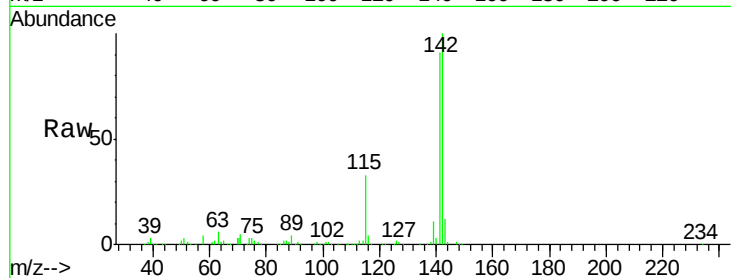
#37
2-Methylnaphthalene
Concen: 49.01 ng
RT: 12.35 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BG044453.D
Acq: 17 Feb 2020 18:59

Instrument :
BNA_G
ClientSampleId :
2-5-1MSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.0	73.2	109.8
115	33.3	27.1	40.7

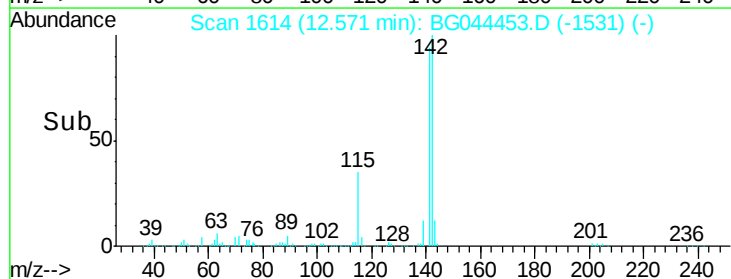
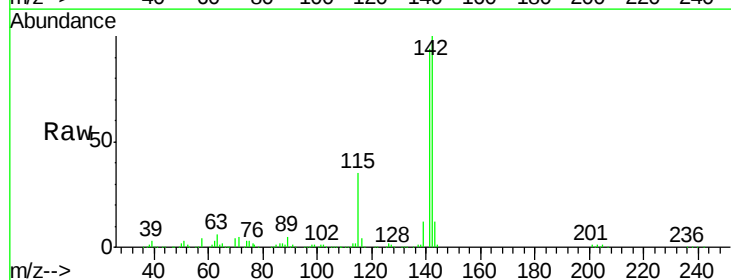
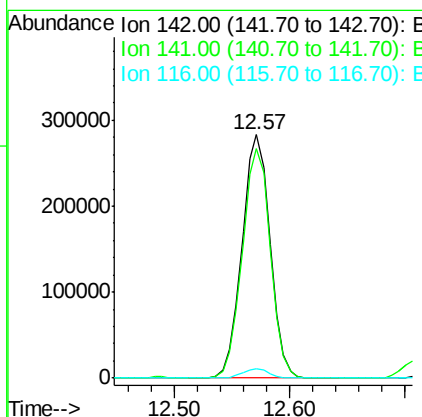
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#38
1-Methylnaphthalene
Concen: 49.02 ng
RT: 12.57 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BG044453.D
Acq: 17 Feb 2020 18:59

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.3	75.8	113.6
116	3.9	3.1	4.7





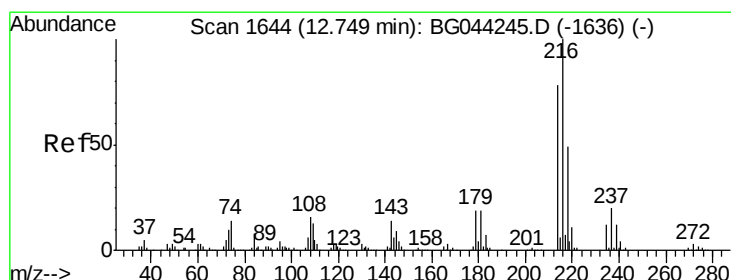
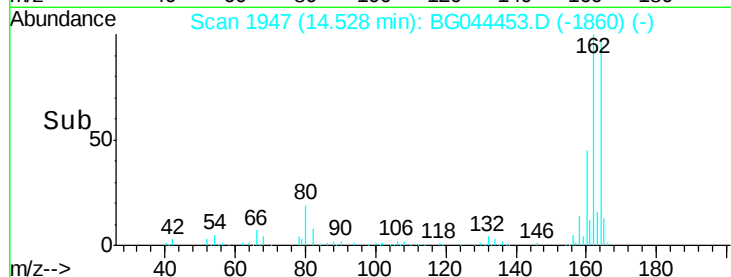
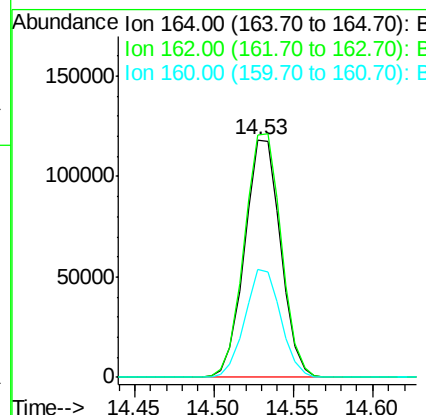
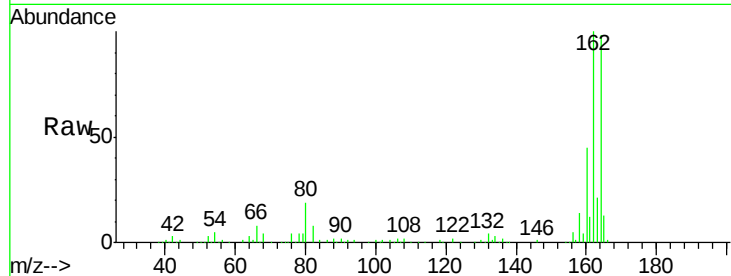
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.53 min Scan# 1947
Delta R.T. -0.02 min
Lab File: BG044453.D
Acq: 17 Feb 2020 18:59

Instrument :
BNA_G
ClientSampleId :
2-5-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	186330		
162	102.2	80.7	121.1	
160	45.5	35.3	52.9	

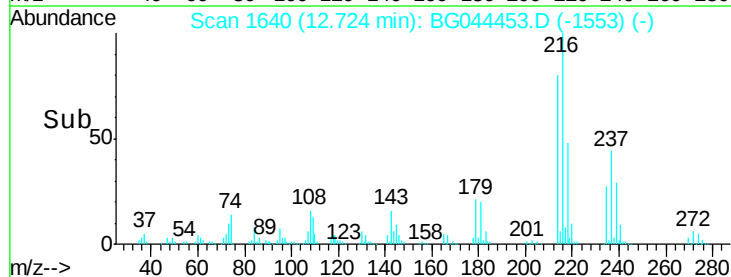
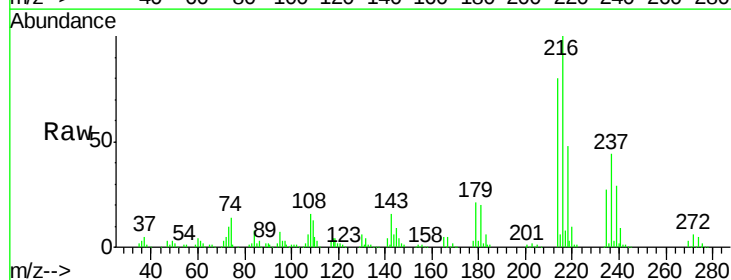
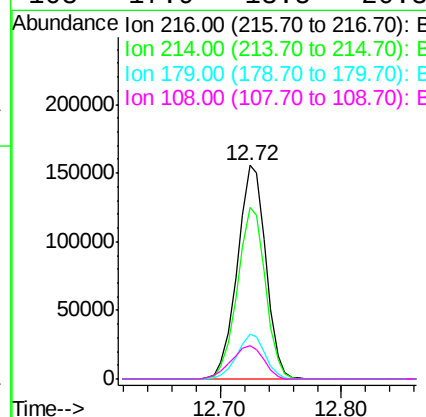
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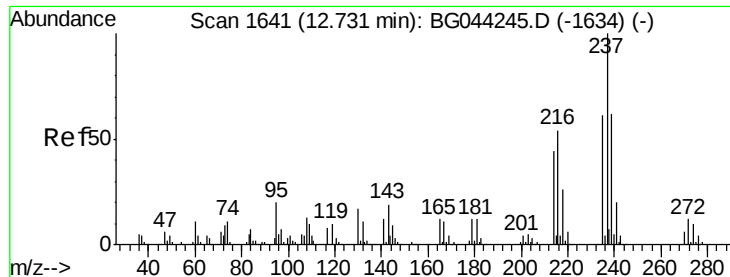
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.91 ng
RT: 12.72 min Scan# 1640
Delta R.T. -0.02 min
Lab File: BG044453.D
Acq: 17 Feb 2020 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	255893		
214	79.1	63.0	94.6	
179	20.4	16.2	24.4	
108	17.9	13.5	20.3	





#41

Hexachlorocyclopentadiene

Concen: 104.87 ng

RT: 12.71 min Scan# 1638

Delta R.T. -0.01 min

Lab File: BG044453.D

Acq: 17 Feb 2020 18:59

Instrument :

BNA_G

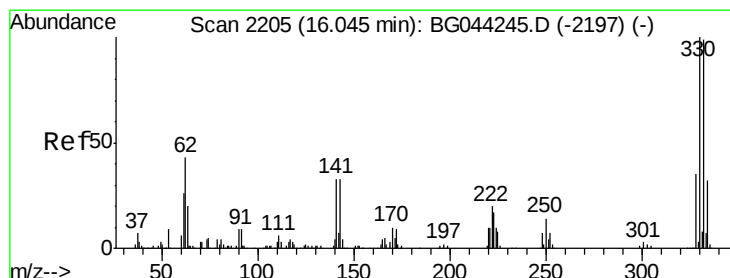
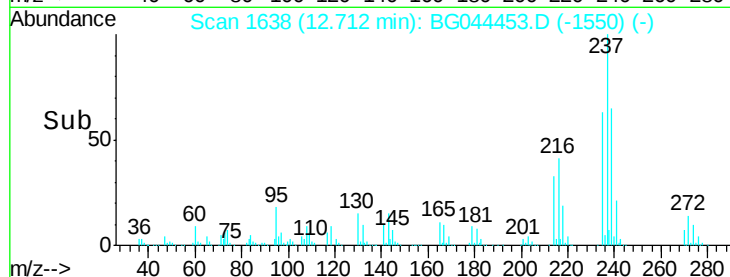
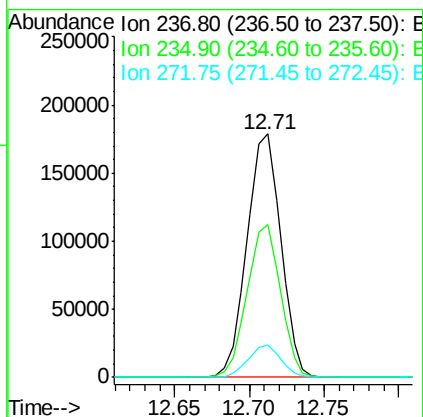
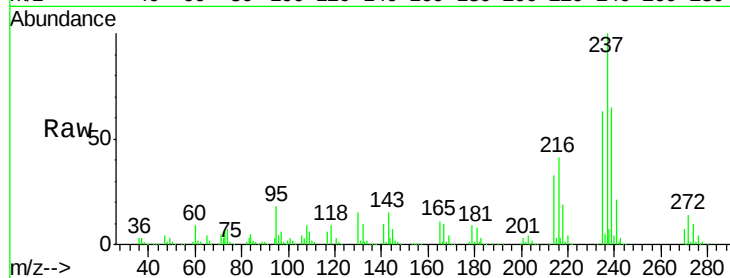
ClientSampleId :

2-5-1MSD

Tgt Ion:	237	Resp:	280471
Ion Ratio	Lower	Upper	
237	100		
235	62.5	41.2	81.2
272	13.5	0.0	32.4

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#42

2,4,6-Tribromophenol

Concen: 102.97 ng

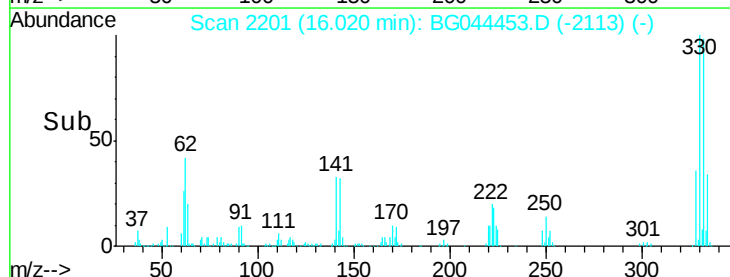
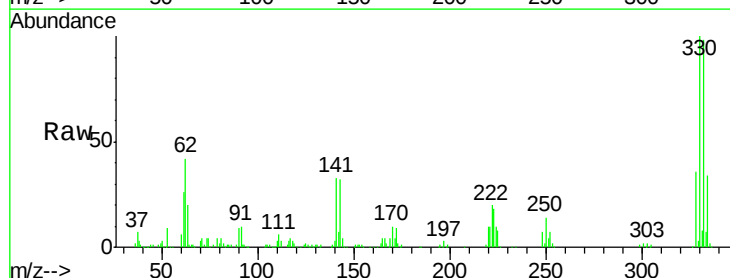
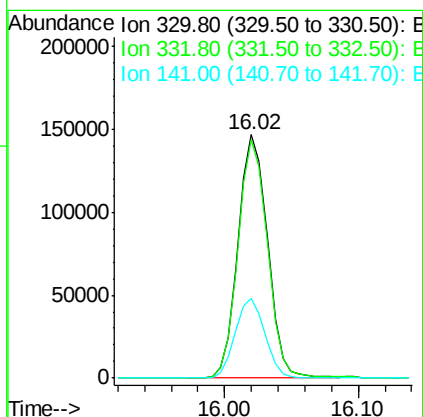
RT: 16.02 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG044453.D

Acq: 17 Feb 2020 18:59

Tgt Ion:	330	Resp:	225242
Ion Ratio	Lower	Upper	
330	100		
332	98.0	77.2	115.8
141	33.5	28.3	42.5





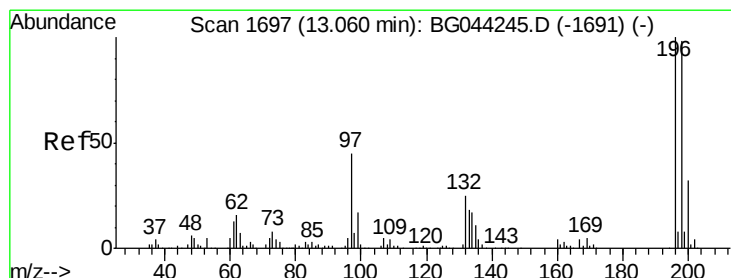
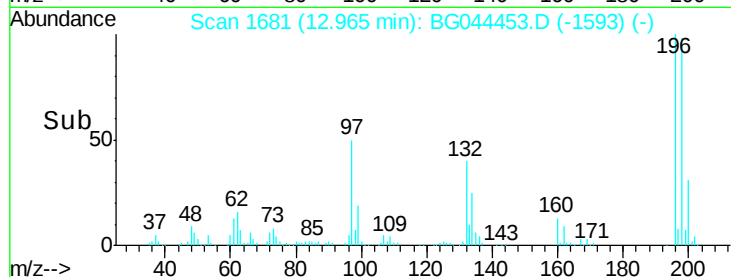
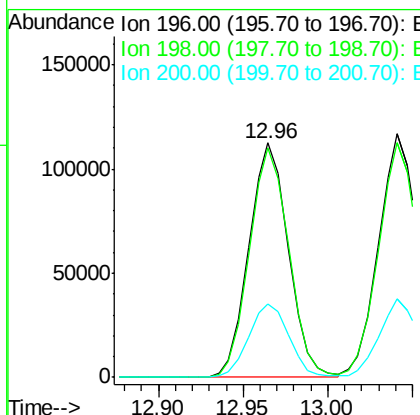
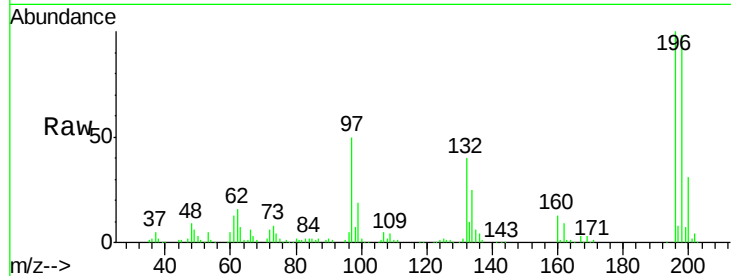
#43
 2,4,6-Trichlorophenol
 Concen: 50.71 ng
 RT: 12.96 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BG044453.D
 Acq: 17 Feb 2020 18:59

Instrument :
 BNA_G
 ClientSampleId :
 2-5-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	182706		
198	97.8	79.3	118.9	
200	31.5	25.7	38.5	

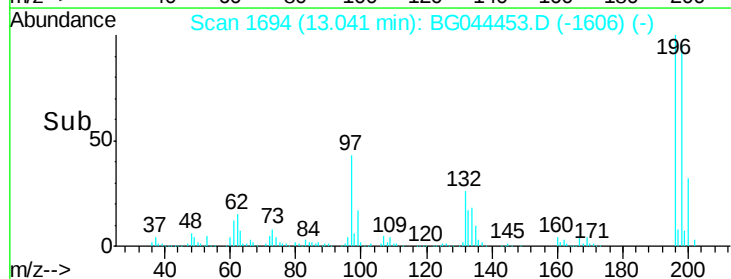
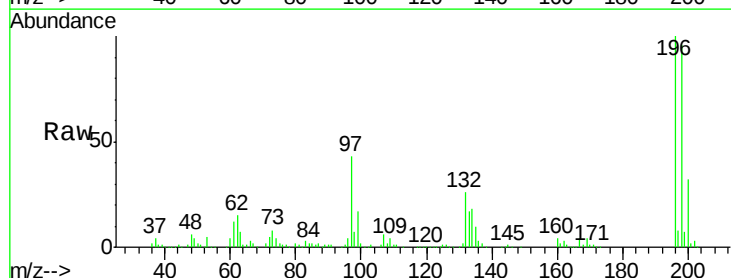
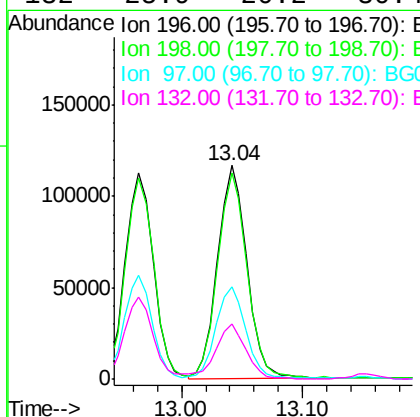
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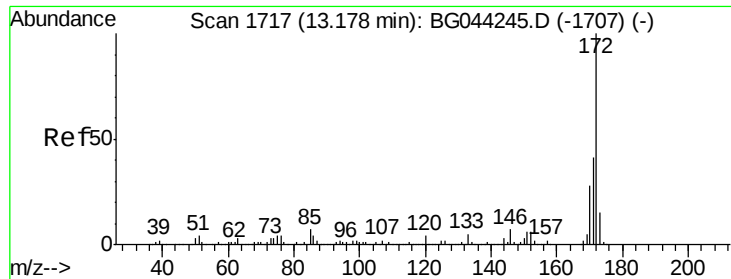
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#44
 2,4,5-Trichlorophenol
 Concen: 52.93 ng
 RT: 13.04 min Scan# 1694
 Delta R.T. -0.01 min
 Lab File: BG044453.D
 Acq: 17 Feb 2020 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	194757		
198	96.5	78.2	117.2	
97	43.3	36.2	54.4	
132	25.9	20.2	30.4	





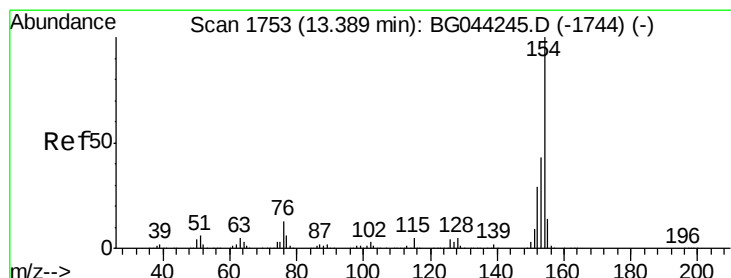
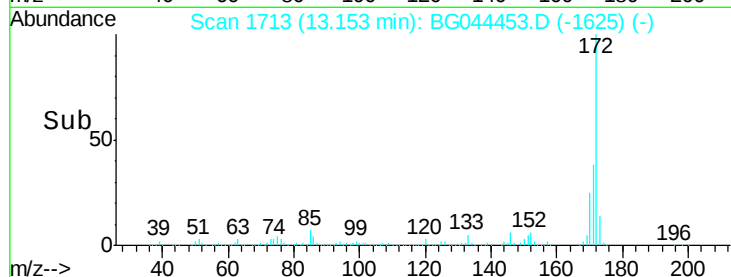
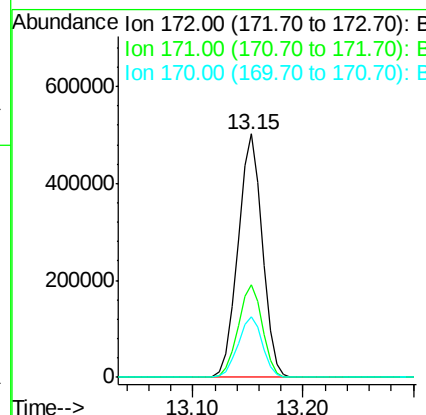
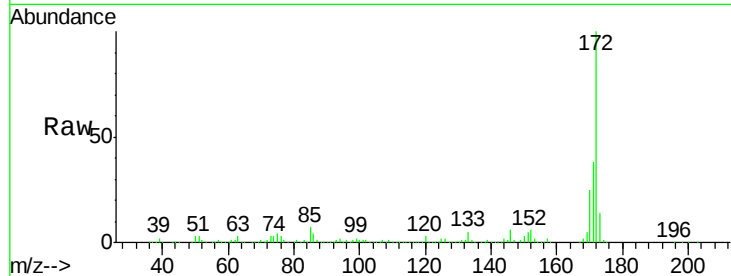
#45
2-Fluorobiphenyl
Concen: 69.54 ng
RT: 13.15 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BG044453.D
Acq: 17 Feb 2020 18:59

Instrument :
BNA_G
ClientSampleId :
2-5-1MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	38.2	32.9	49.3
170	25.1	22.0	33.0

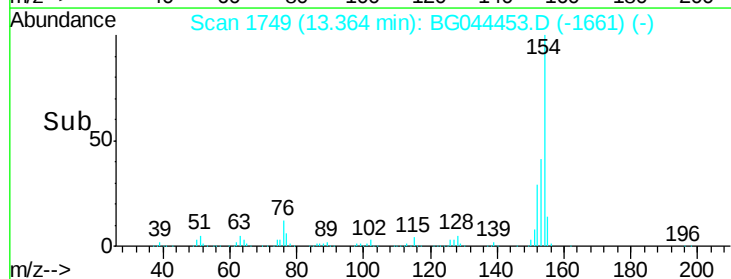
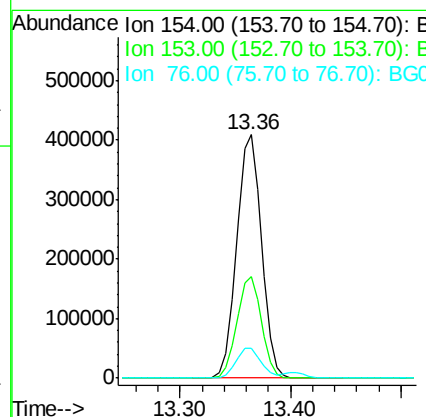
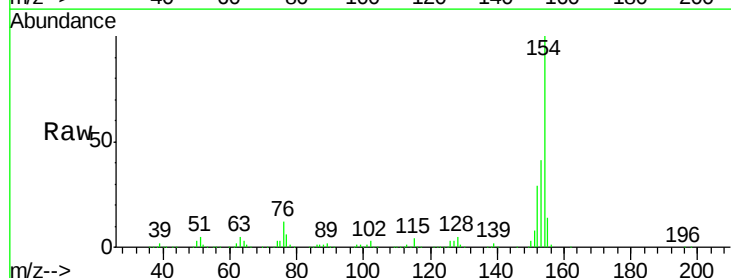
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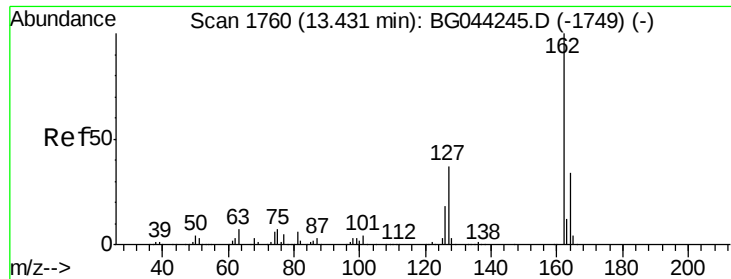
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#46
1,1'-Biphenyl
Concen: 47.93 ng
RT: 13.36 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BG044453.D
Acq: 17 Feb 2020 18:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	41.4	22.7	62.7
76	12.2	0.0	32.9





#47

2-Chloronaphthalene

Concen: 46.96 ng

RT: 13.41 min Scan# 1756

Delta R.T. -0.01 min

Lab File: BG044453.D

Acq: 17 Feb 2020 18:59

Instrument :

BNA_G

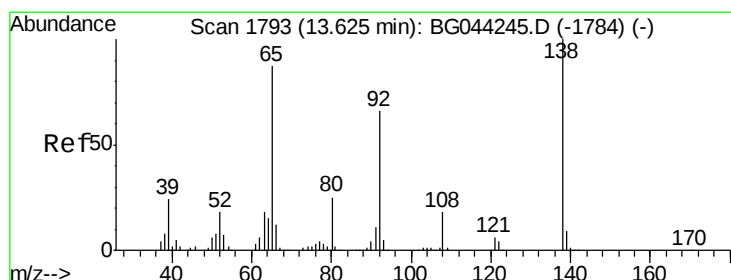
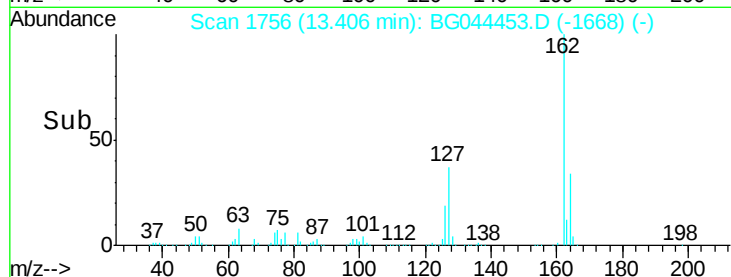
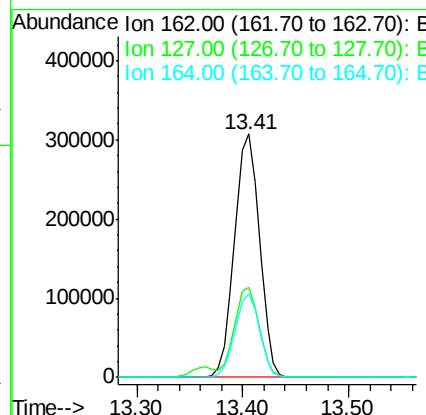
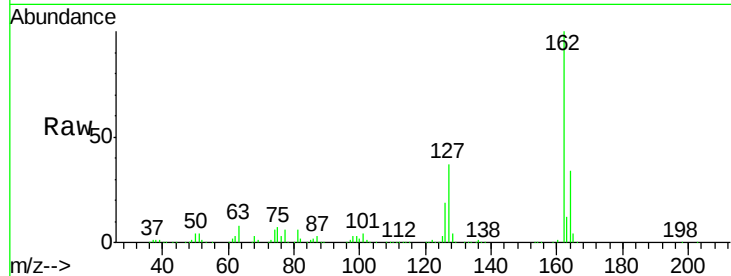
ClientSampleId :

2-5-1MSD

Tgt Ion:	162	Resp:	502277
Ion Ratio		Lower	Upper
162	100		
127	36.7	30.0	45.0
164	34.2	27.2	40.8

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#48

2-Nitroaniline

Concen: 45.64 ng

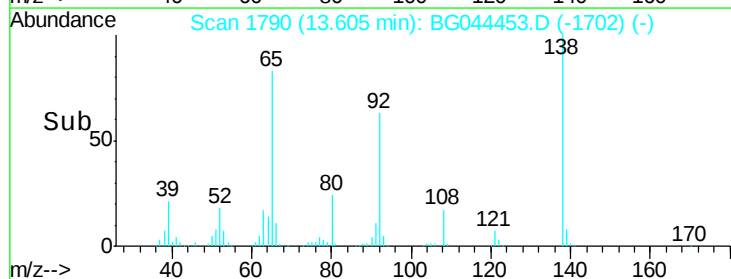
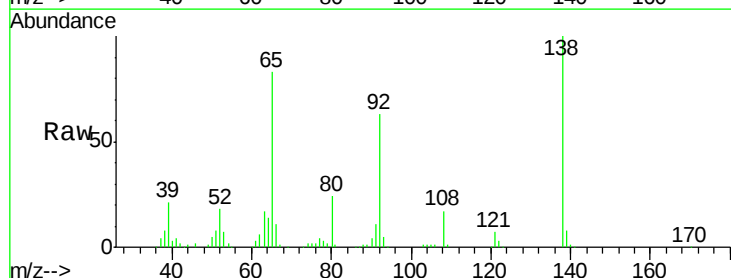
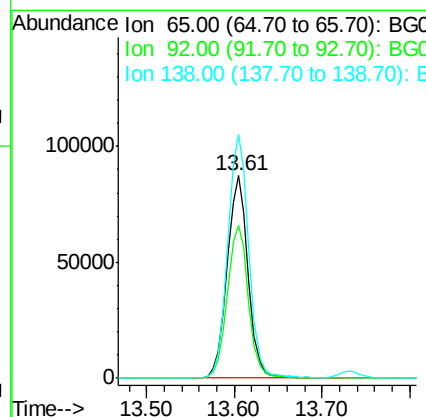
RT: 13.61 min Scan# 1790

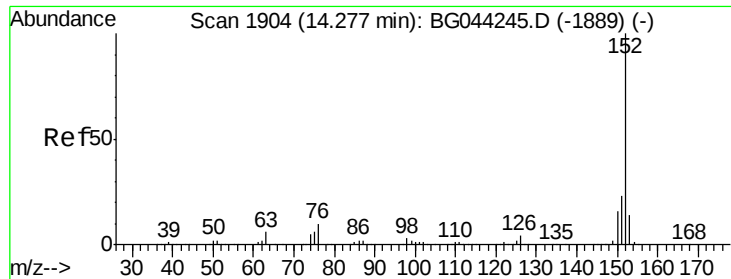
Delta R.T. -0.01 min

Lab File: BG044453.D

Acq: 17 Feb 2020 18:59

Tgt Ion:	65	Resp:	144067
Ion Ratio		Lower	Upper
65	100		
92	75.4	60.3	90.5
138	120.3	91.9	137.9





#49

Acenaphthylene

Concen: 50.97 ng

RT: 14.25 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BG044453.D

Acq: 17 Feb 2020 18:59

Instrument :

BNA_G

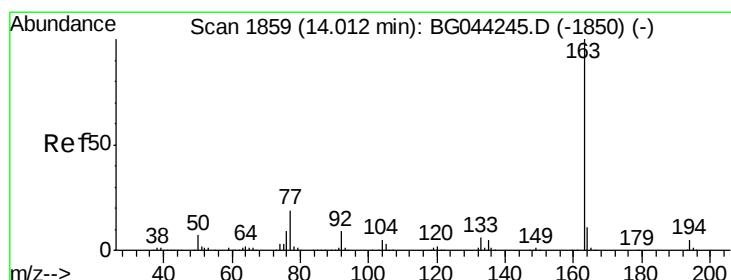
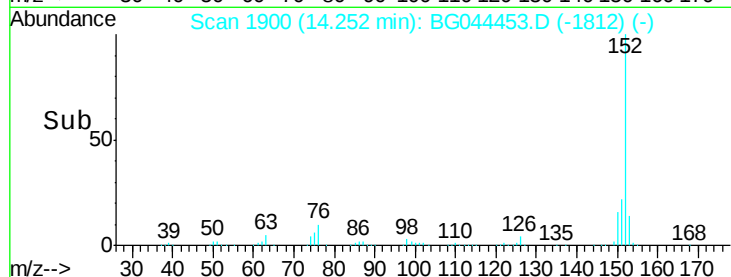
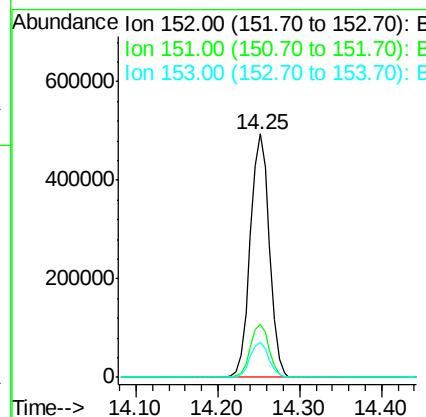
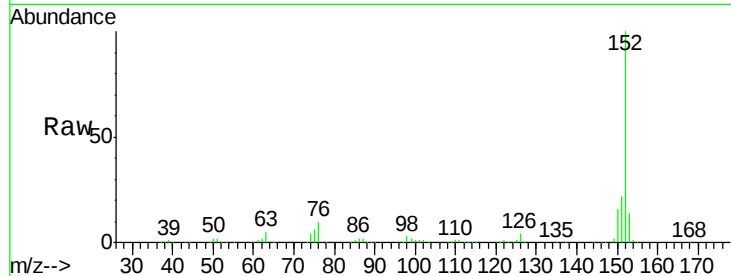
ClientSampleId :

2-5-1MSD

Tgt Ion:	152	Resp:	799528
Ion Ratio	Lower	Upper	
152	100		
151	21.8	18.1	27.1
153	14.2	11.5	17.3

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#50

Dimethylphthalate

Concen: 50.47 ng

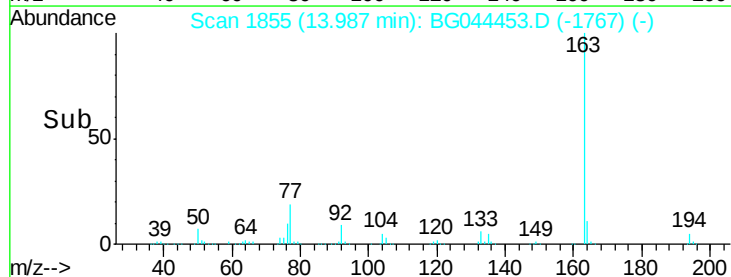
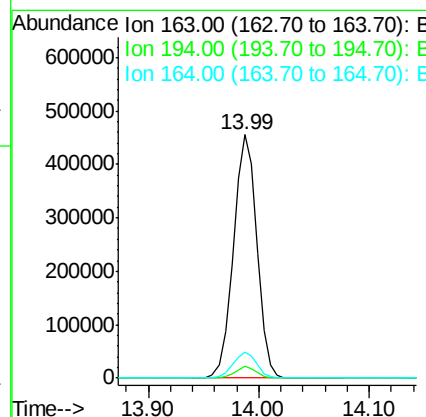
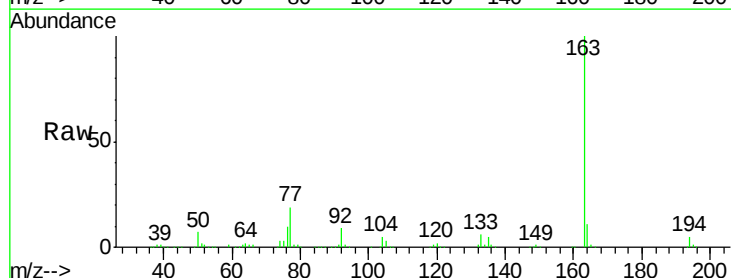
RT: 13.99 min Scan# 1855

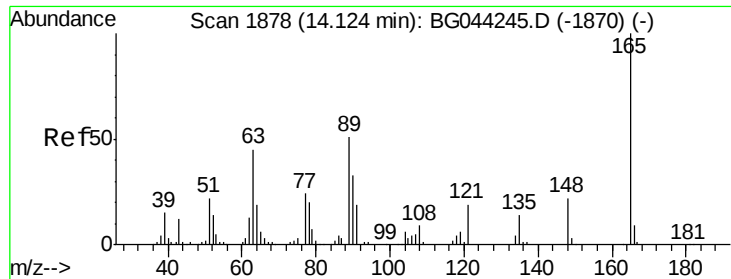
Delta R.T. -0.01 min

Lab File: BG044453.D

Acq: 17 Feb 2020 18:59

Tgt Ion:	163	Resp:	676037
Ion Ratio	Lower	Upper	
163	100		
194	4.7	3.6	5.4
164	10.9	8.7	13.1





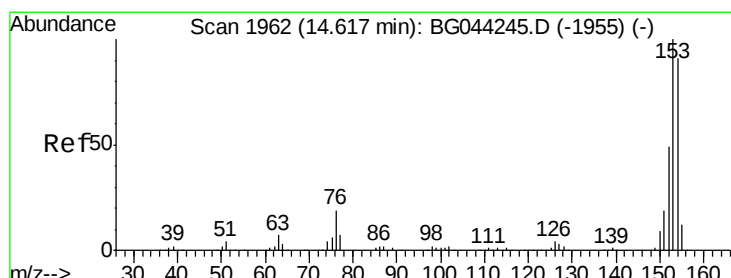
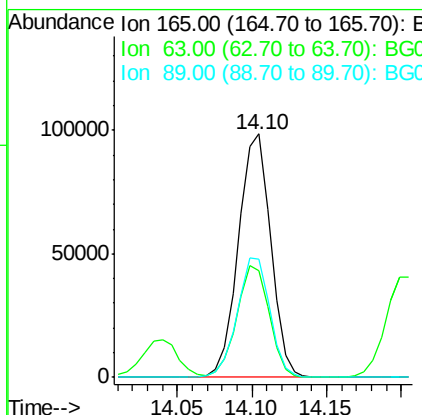
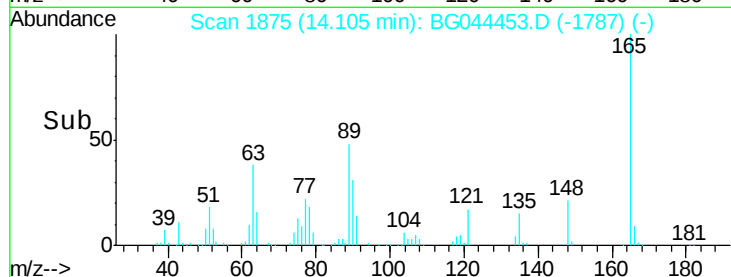
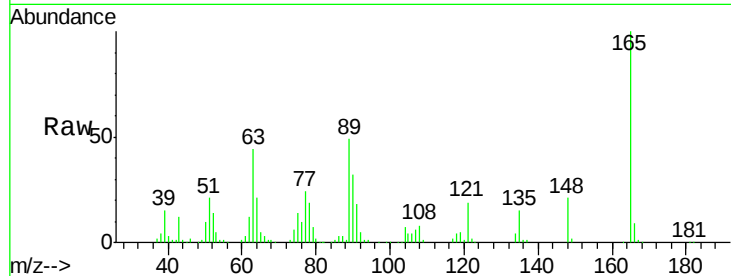
#51
2,6-Dinitrotoluene
Concen: 49.59 ng
RT: 14.10 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG044453.D
Acq: 17 Feb 2020 18:59

Instrument :
BNA_G
ClientSampleId :
2-5-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	148093		
63	43.7	38.7	58.1	
89	48.6	40.4	60.6	

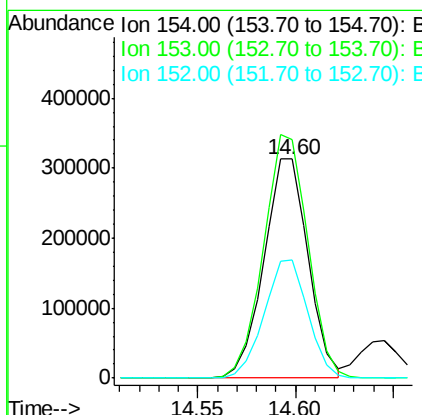
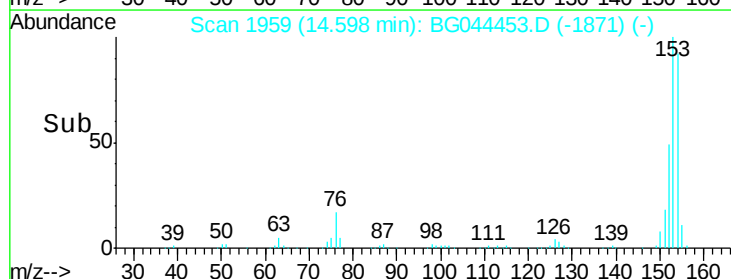
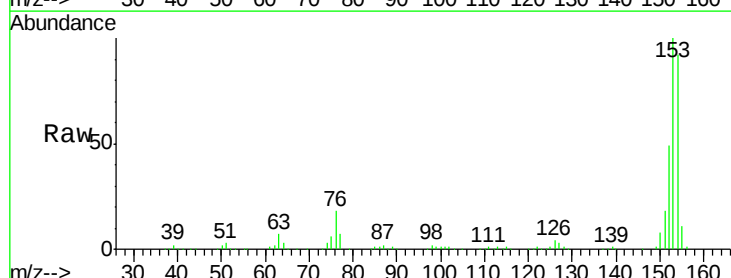
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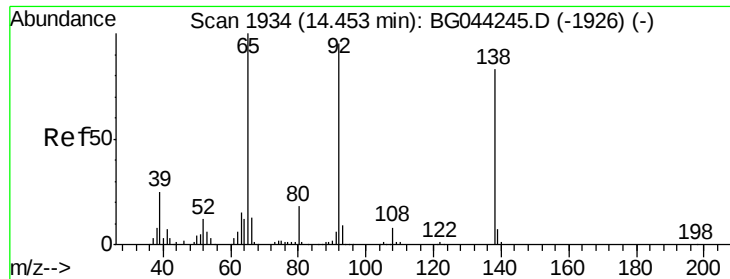
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#52
Acenaphthene
Concen: 48.21 ng
RT: 14.60 min Scan# 1959
Delta R.T. -0.01 min
Lab File: BG044453.D
Acq: 17 Feb 2020 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	490166		
153	109.0	87.9	131.9	
152	53.9	43.1	64.7	





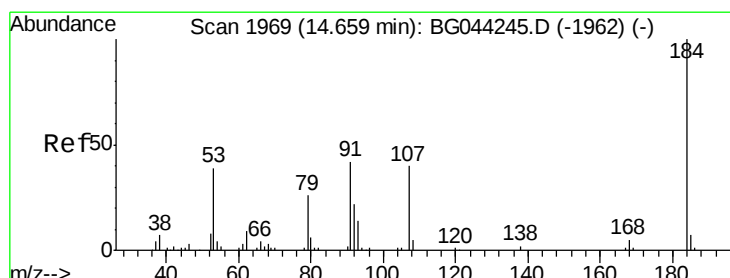
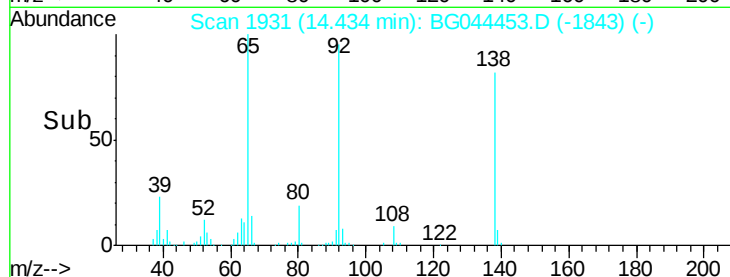
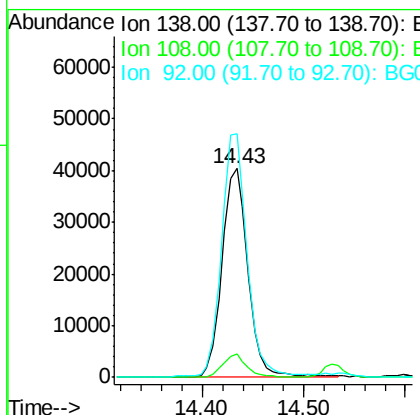
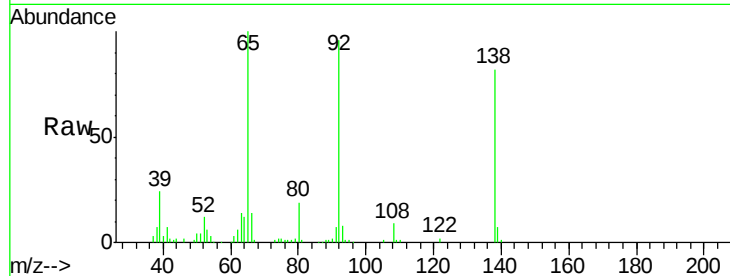
#53
3-Nitroaniline
Concen: 21.72 ng
RT: 14.43 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BG044453.D
Acq: 17 Feb 2020 18:59

Instrument :
BNA_G
ClientSampleId :
2-5-1MSD

Tgt Ion:138 Resp: 71760
Ion Ratio Lower Upper
138 100
108 11.1 7.9 11.9
92 116.7 91.0 136.4

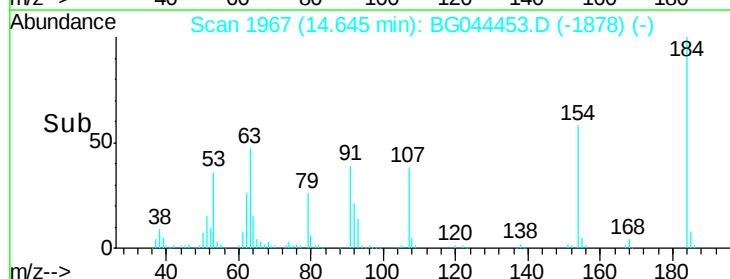
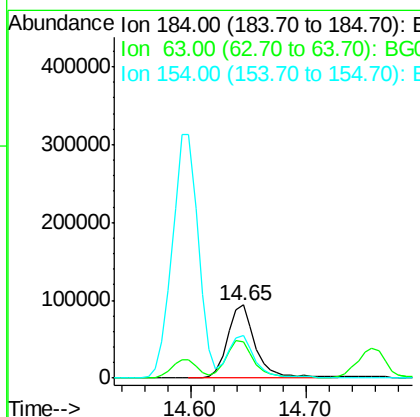
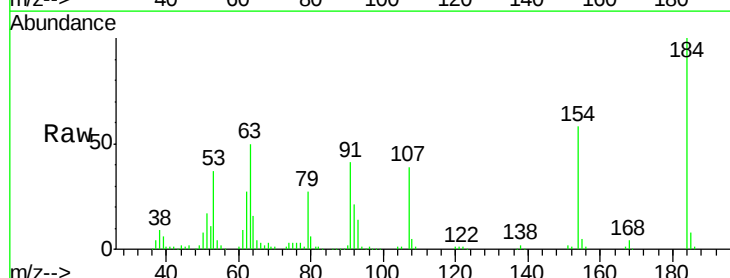
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#54
2,4-Dinitrophenol
Concen: 88.29 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BG044453.D
Acq: 17 Feb 2020 18:59

Tgt Ion:184 Resp: 157774
Ion Ratio Lower Upper
184 100
63 50.1 44.1 66.1
154 57.8 45.4 68.0





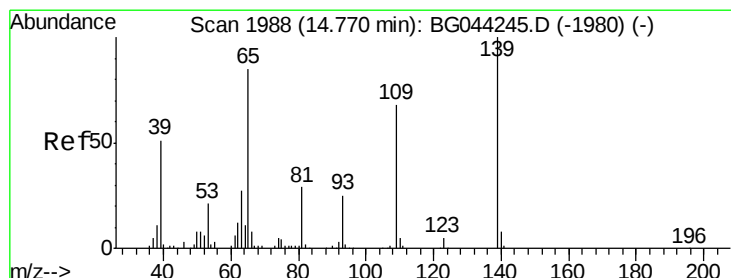
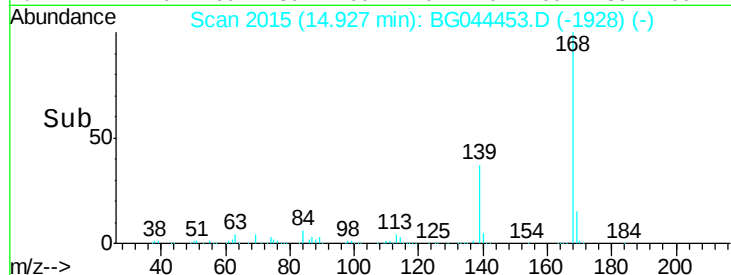
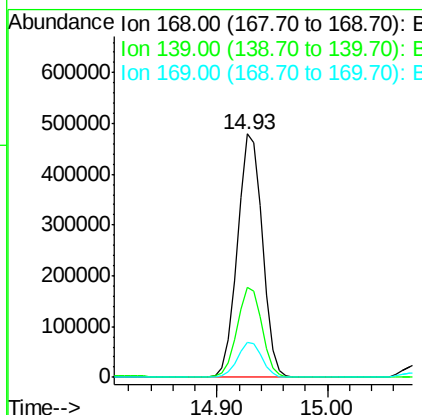
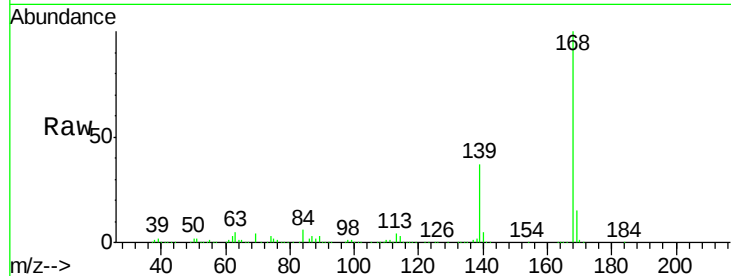
#55
Dibenzenofuran
Concen: 49.41 ng
RT: 14.93 min Scan# 2015
Delta R.T. -0.02 min
Lab File: BG044453.D
Acq: 17 Feb 2020 18:59

Instrument :
BNA_G
ClientSampleId :
2-5-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	760690		
139	37.1	30.5	45.7	
169	14.6	11.7	17.5	

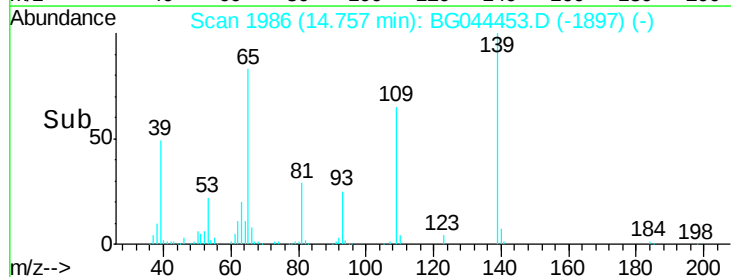
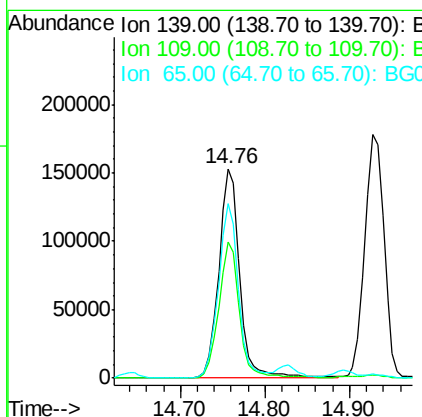
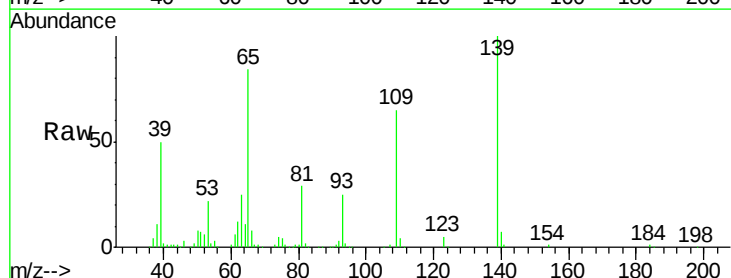
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#56
4-Nitrophenol
Concen: 109.37 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BG044453.D
Acq: 17 Feb 2020 18:59

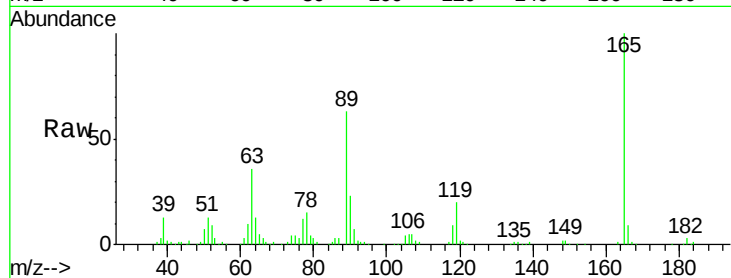
Tgt Ion	Ratio	Resp	Lower	Upper
139	100	264687		
109	64.9	47.5	87.5	
65	83.6	64.9	104.9	





#57
2,4-Dinitrotoluene
Concen: 49.66 ng
RT: 14.89 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG044453.D
Acq: 17 Feb 2020 18:59

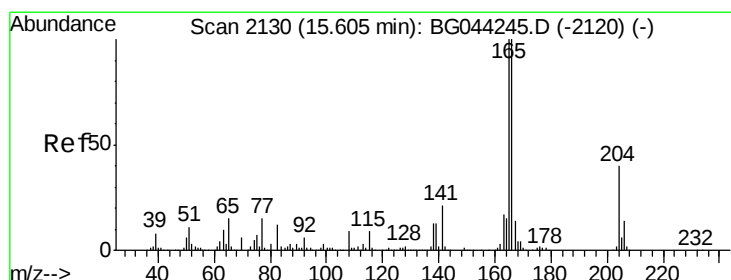
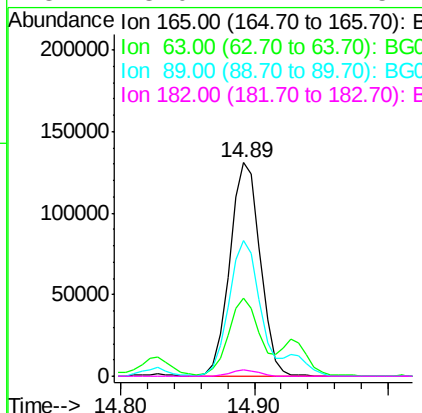
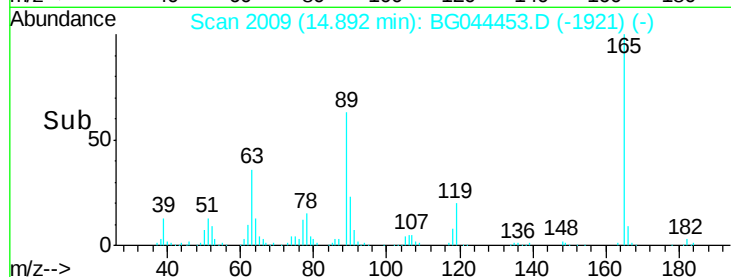
Instrument :
BNA_G
ClientSampleId :
2-5-1MSD



Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	36.4	30.3	45.5
89	63.5	53.4	80.2
182	3.0	2.1	3.1

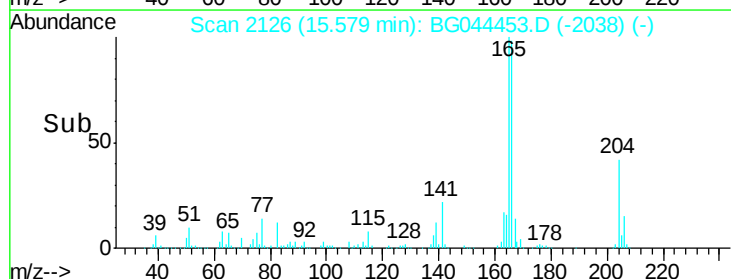
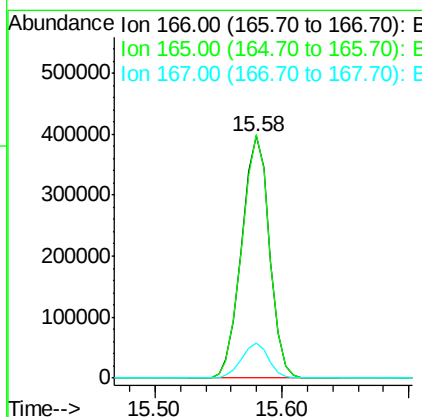
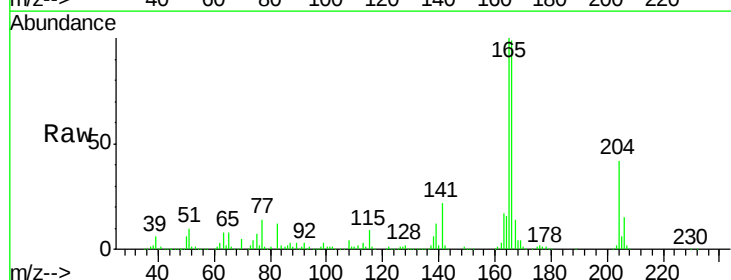
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#58
Fluorene
Concen: 49.67 ng
RT: 15.58 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BG044453.D
Acq: 17 Feb 2020 18:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	100.5	79.9	119.9
167	14.2	11.4	17.0





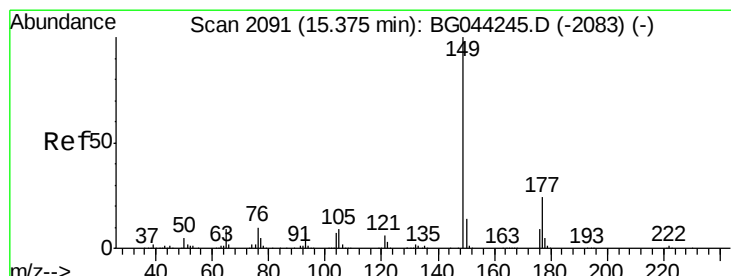
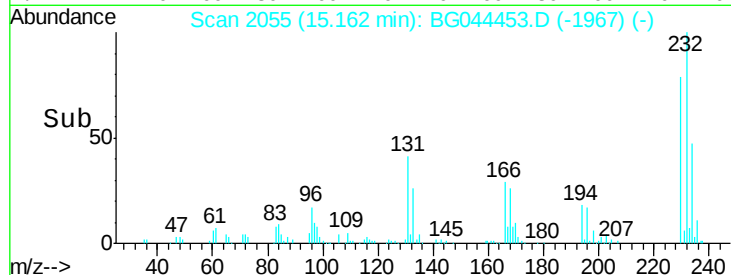
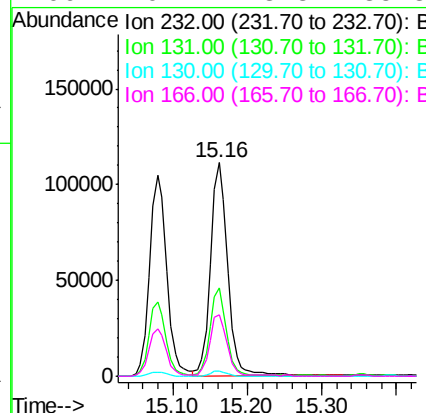
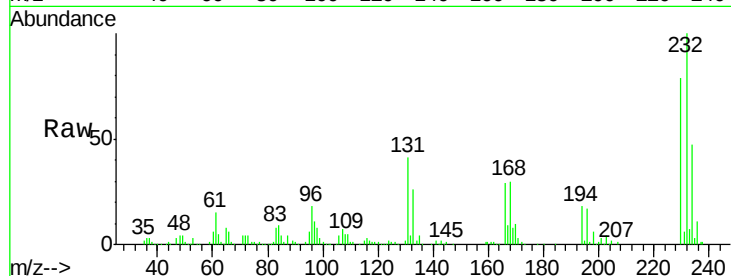
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 53.30 ng
 RT: 15.16 min Scan# 2055
 Delta R.T. -0.01 min
 Lab File: BG044453.D
 Acq: 17 Feb 2020 18:59

Instrument :
 BNA_G
 ClientSampleId :
 2-5-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	177147		
131	39.6	34.2	51.4	
130	2.3	1.8	2.8	
166	29.1	23.8	35.8	

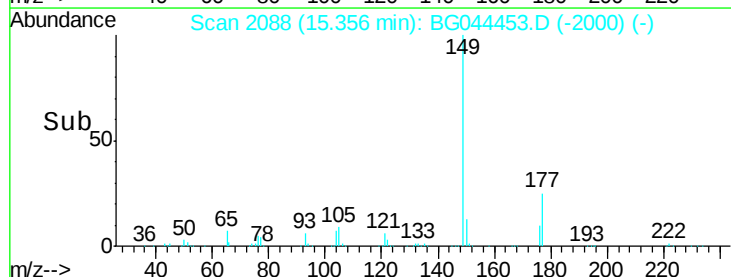
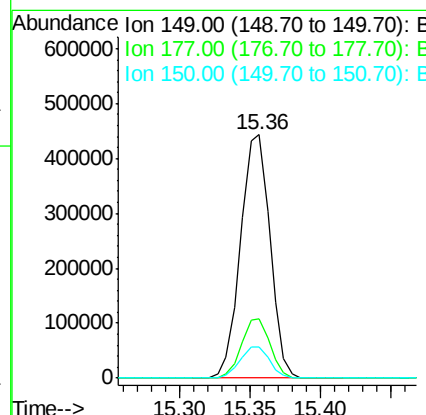
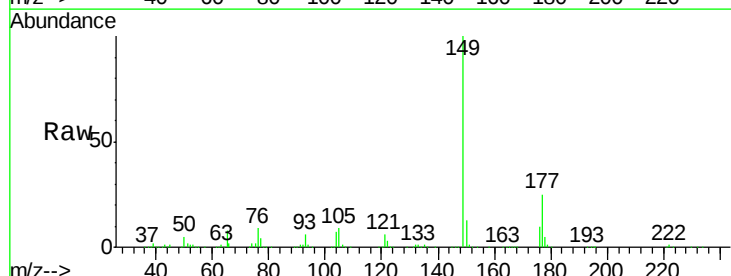
Manual Integrations
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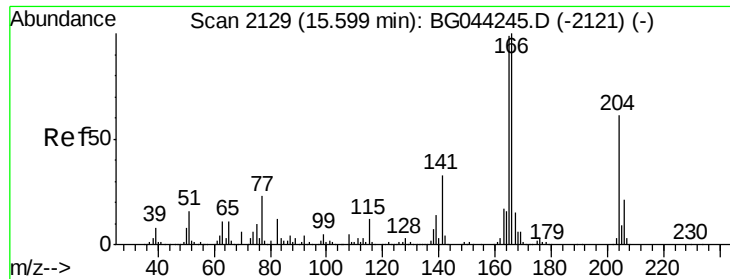
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#60
 Diethylphthalate
 Concen: 48.43 ng
 RT: 15.36 min Scan# 2088
 Delta R.T. -0.01 min
 Lab File: BG044453.D
 Acq: 17 Feb 2020 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	646399		
177	24.5	19.4	29.0	
150	12.6	10.9	16.3	





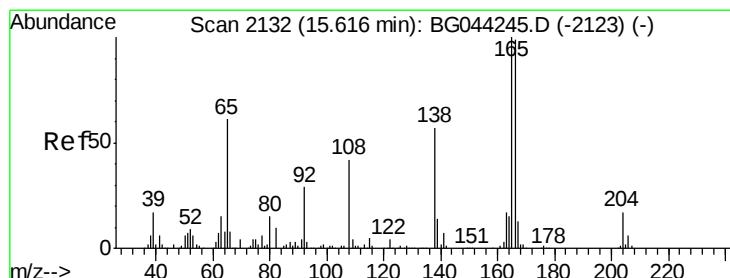
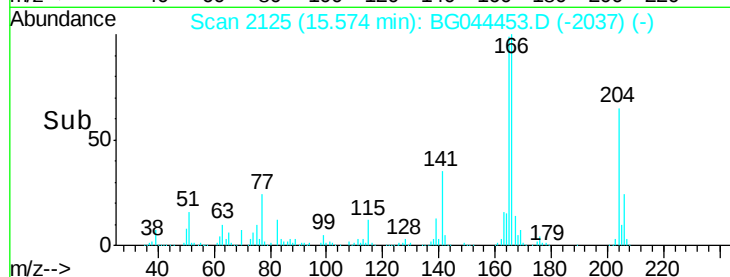
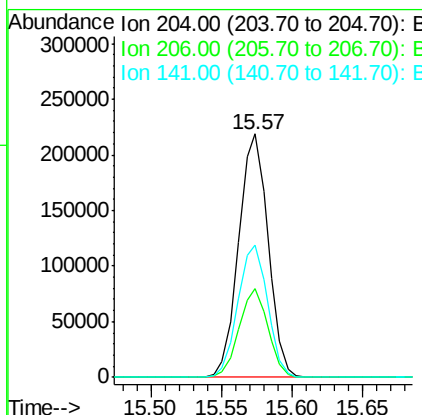
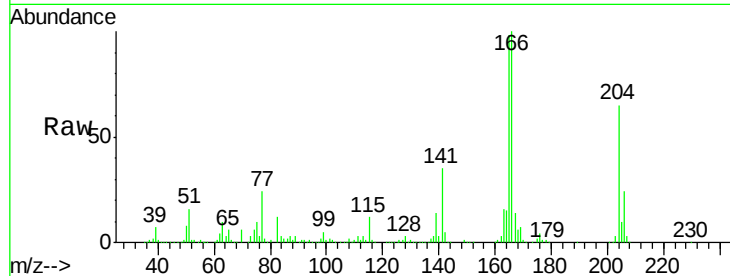
#61
4-Chlorophenyl-phenylether
Concen: 48.44 ng
RT: 15.57 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BG044453.D
Acq: 17 Feb 2020 18:59

Instrument :
BNA_G
ClientSampleId :
2-5-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	318447		
206	36.4	27.6	41.4	
141	54.3	43.4	65.0	

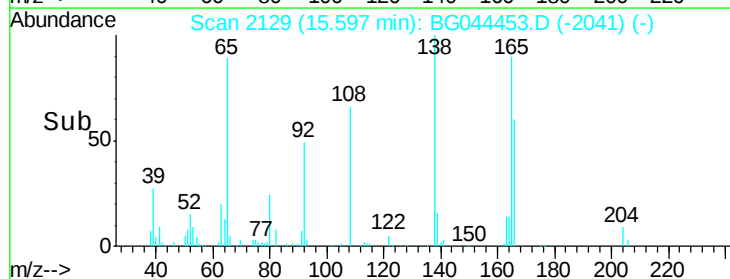
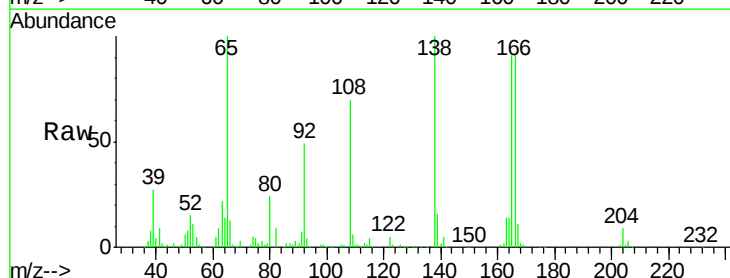
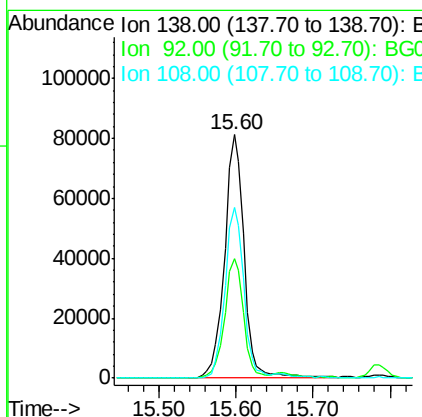
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#62
4-Nitroaniline
Concen: 43.78 ng
RT: 15.60 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BG044453.D
Acq: 17 Feb 2020 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	144527		
92	48.8	31.3	71.3	
108	70.1	52.6	92.6	





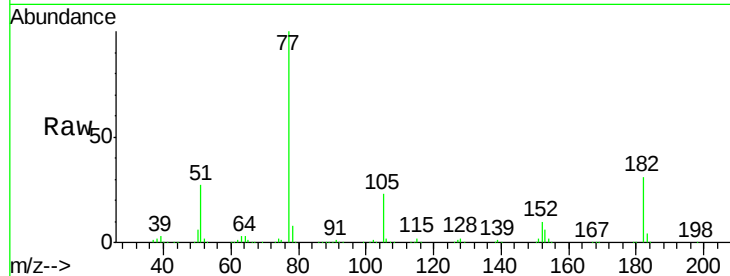
#63
Azobenzene
Concen: 48.49 ng
RT: 15.87 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BG044453.D
Acq: 17 Feb 2020 18:59

Instrument :
BNA_G
ClientSampleId :
2-5-1MSD

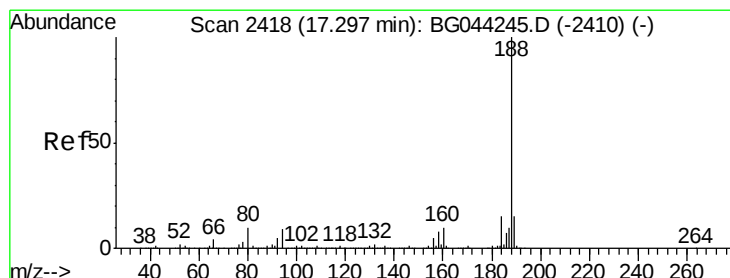
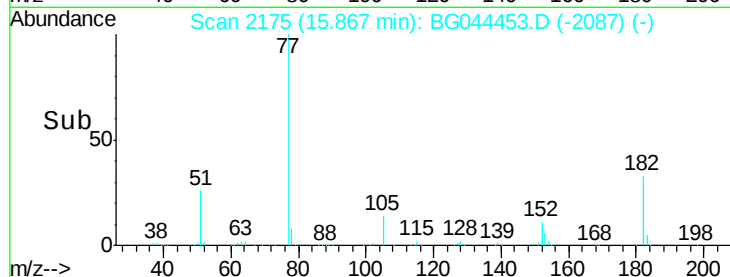
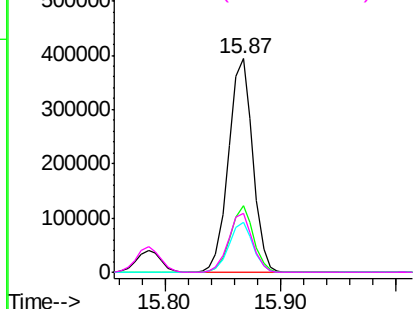
Tgt Ion	Ratio	Resp	Lower	Upper
77	100	567188		
182	31.1	8.2	48.2	
105	23.4	3.6	43.6	
51	27.3	8.3	48.3	

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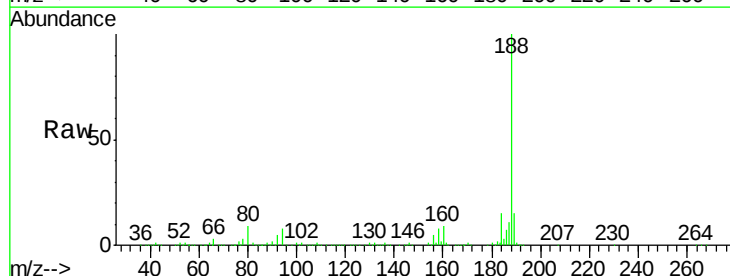


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

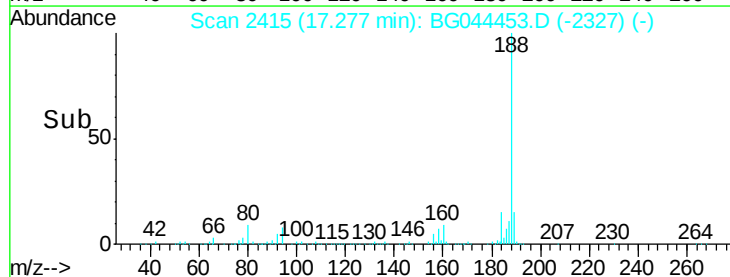
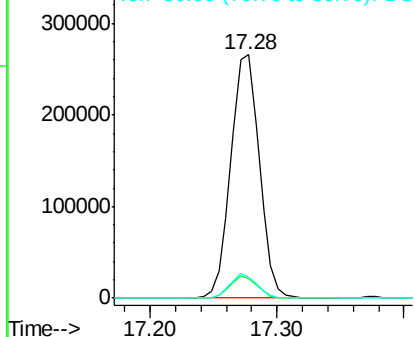


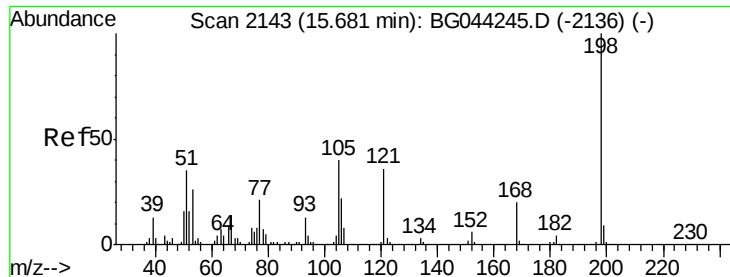
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.28 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG044453.D
Acq: 17 Feb 2020 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	412817		
94	8.2	7.4	11.2	
80	8.8	7.7	11.5	



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 56.59 ng

RT: 15.66 min Scan# 2140

Delta R.T. -0.01 min

Lab File: BG044453.D

Acq: 17 Feb 2020 18:59

Instrument :

BNA_G

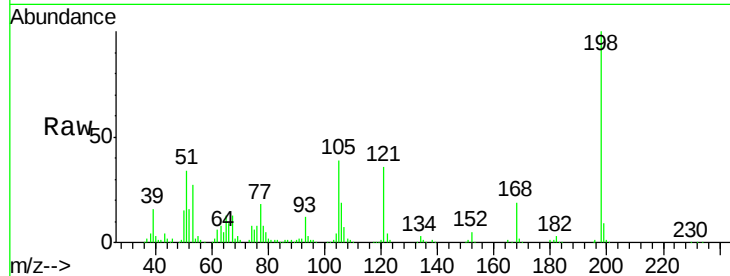
ClientSampleId :

2-5-1MSD

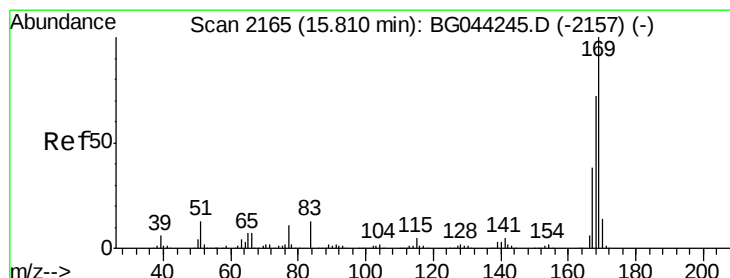
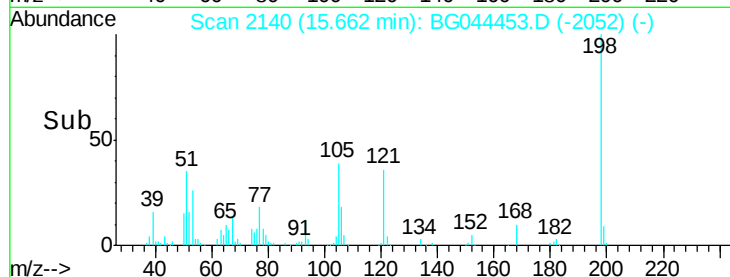
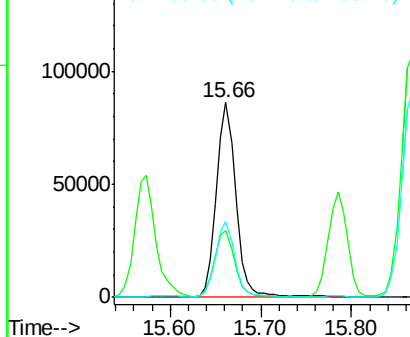
Tgt Ion:	198	Resp:	128951
Ion Ratio	Lower	Upper	
198	100		
51	34.3	16.6	56.6
105	38.8	20.6	60.6

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



#66

n-Nitrosodiphenylamine

Concen: 49.06 ng

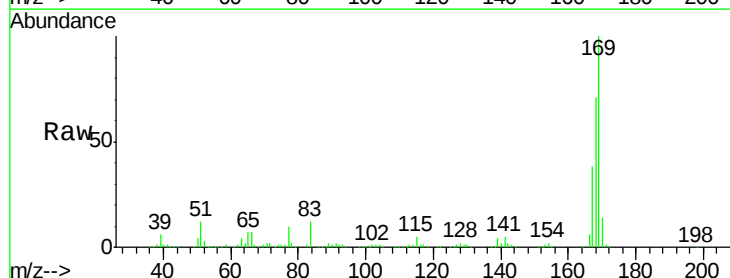
RT: 15.79 min Scan# 2161

Delta R.T. -0.02 min

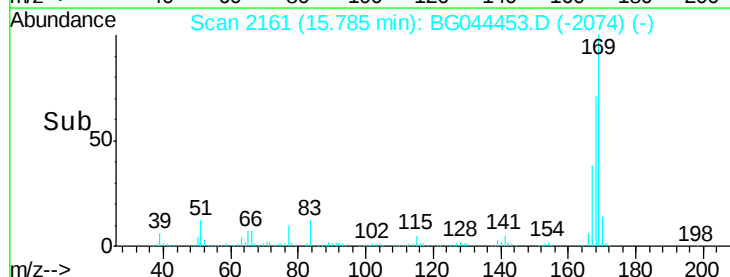
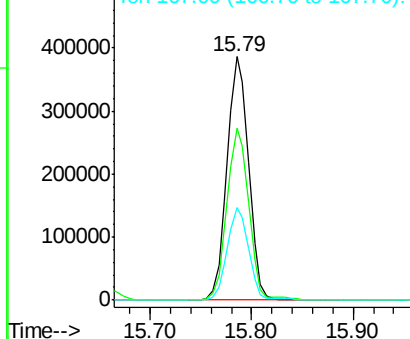
Lab File: BG044453.D

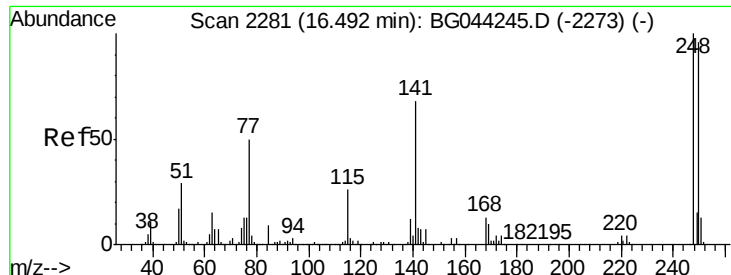
Acq: 17 Feb 2020 18:59

Tgt Ion:	169	Resp:	567553
Ion Ratio	Lower	Upper	
169	100		
168	70.7	57.9	86.9
167	38.2	30.7	46.1



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





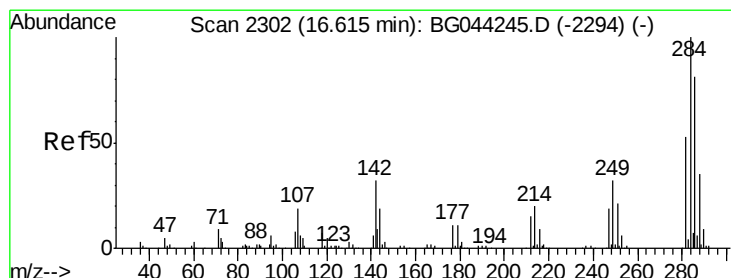
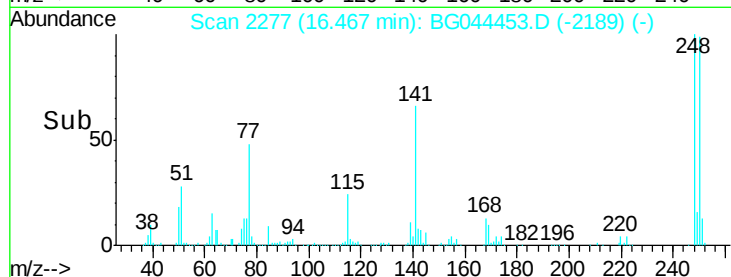
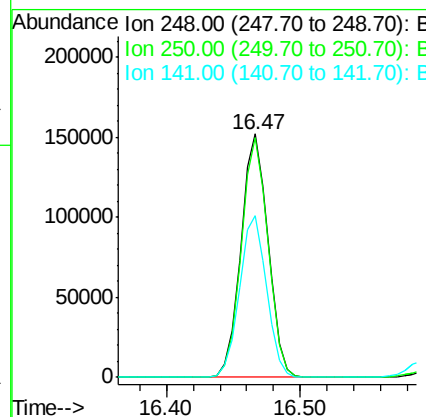
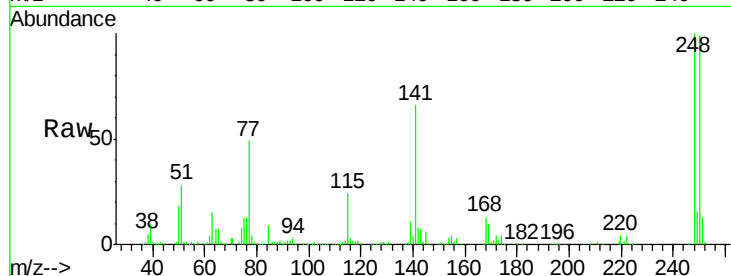
#67
 4-Bromophenyl-phenylether
 Concen: 47.38 ng
 RT: 16.47 min Scan# 2277
 Delta R.T. -0.01 min
 Lab File: BG044453.D
 Acq: 17 Feb 2020 18:59

Instrument :
 BNA_G
 ClientSampleId :
 2-5-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	213107		
250	98.7	76.6	114.8	
141	66.4	54.7	82.1	

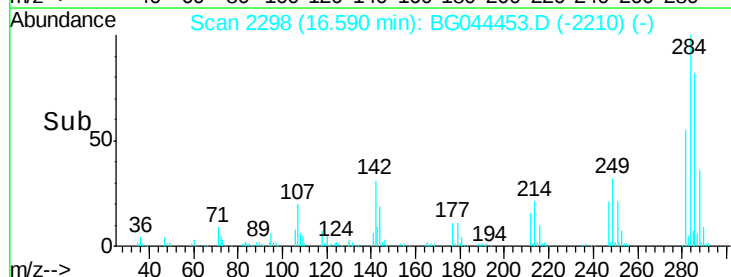
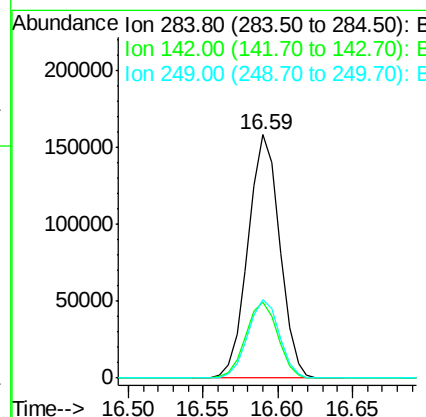
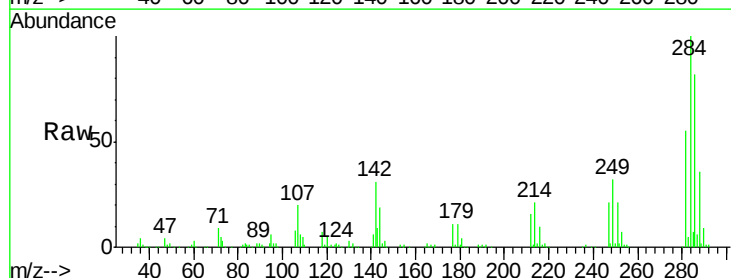
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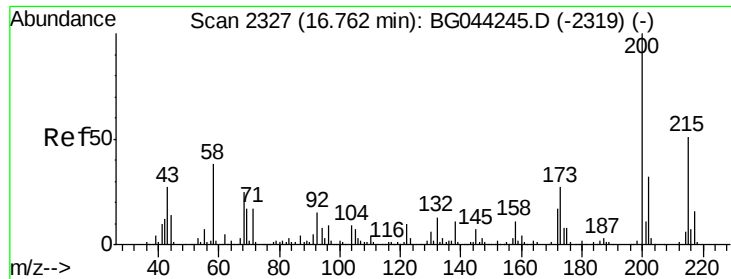
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#68
 Hexachlorobenzene
 Concen: 46.10 ng
 RT: 16.59 min Scan# 2298
 Delta R.T. -0.01 min
 Lab File: BG044453.D
 Acq: 17 Feb 2020 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	232266		
142	31.1	25.3	37.9	
249	32.5	25.5	38.3	





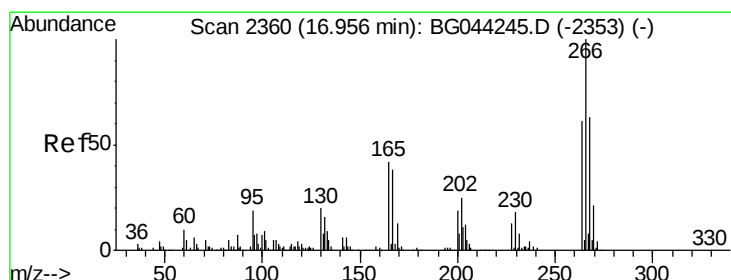
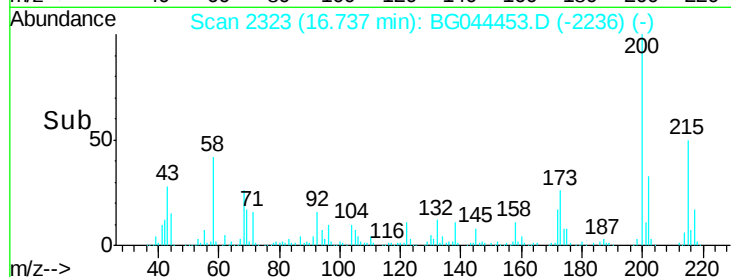
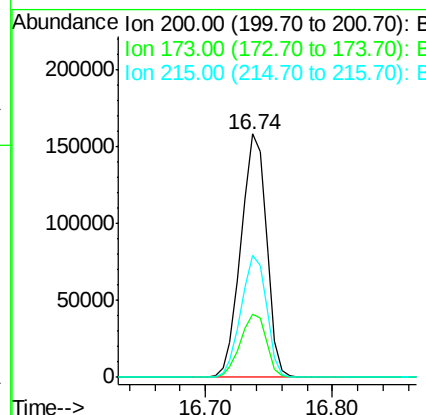
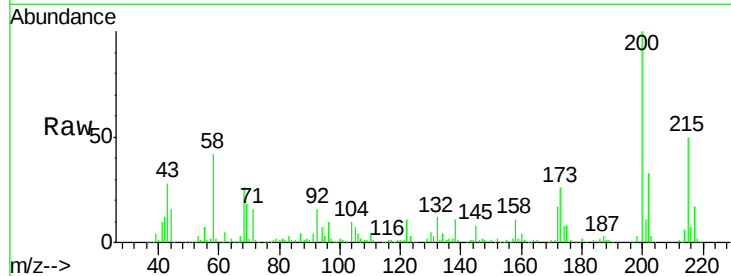
#69
 Atrazine
 Concen: 55.64 ng
 RT: 16.74 min Scan# 2323
 Delta R.T. -0.02 min
 Lab File: BG044453.D
 Acq: 17 Feb 2020 18:59

Instrument :
 BNA_G
 ClientSampleId :
 2-5-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	220645		
173	25.9	6.6	46.6	
215	50.2	31.0	71.0	

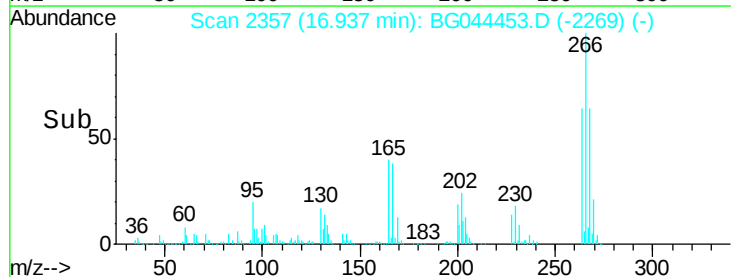
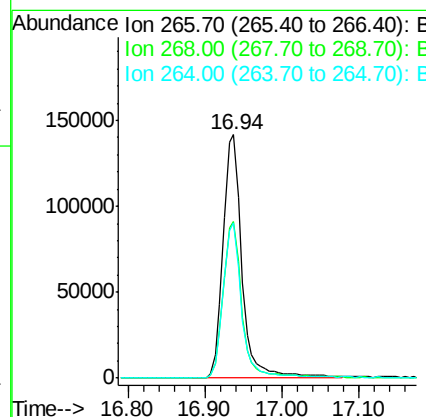
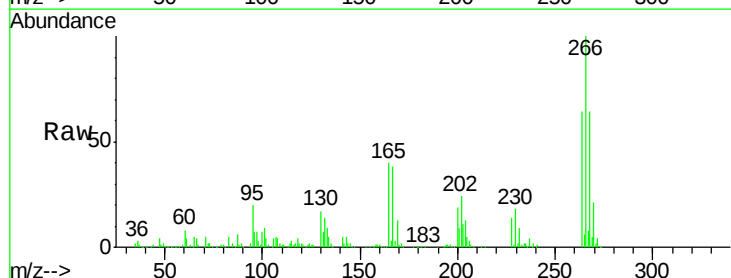
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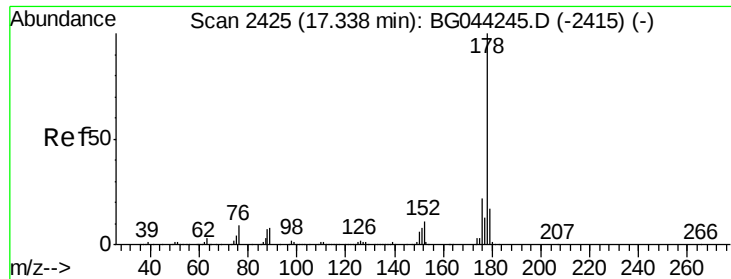
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#70
 Pentachlorophenol
 Concen: 94.47 ng
 RT: 16.94 min Scan# 2357
 Delta R.T. -0.01 min
 Lab File: BG044453.D
 Acq: 17 Feb 2020 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	242213		
268	64.2	50.6	75.8	
264	63.6	48.7	73.1	





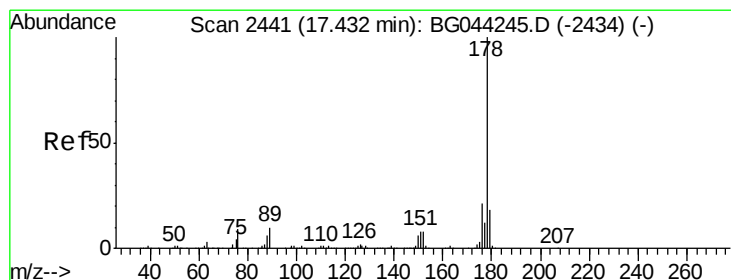
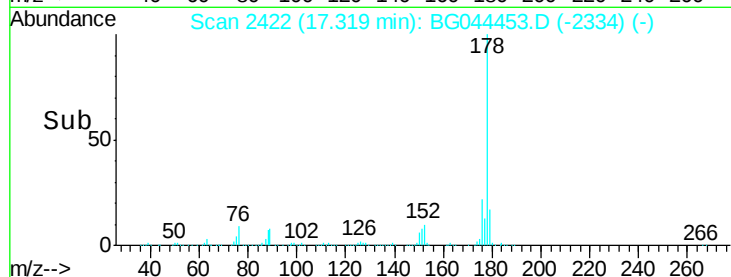
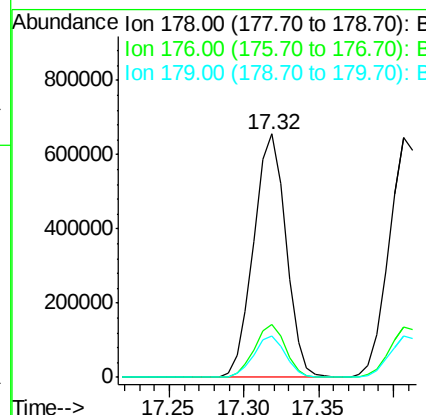
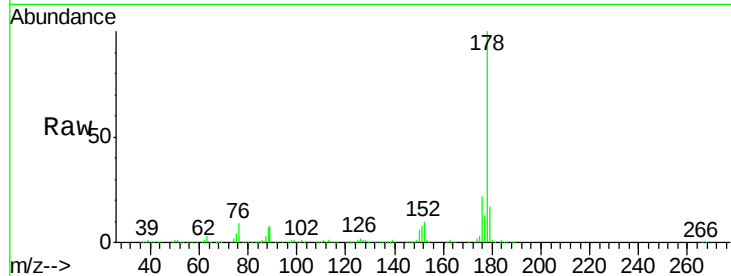
#71
Phenanthrene
Concen: 48.99 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG044453.D
Acq: 17 Feb 2020 18:59

Instrument :
BNA_G
ClientSampleId :
2-5-1MSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.6	17.7	26.5
179	17.2	13.7	20.5

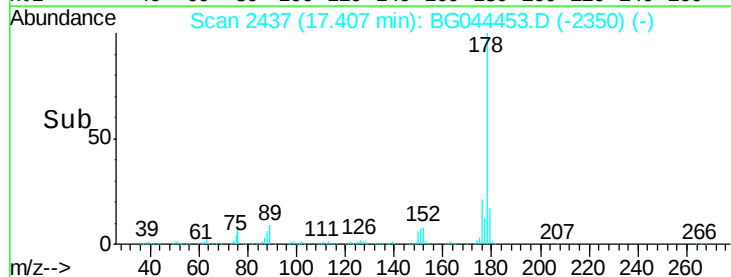
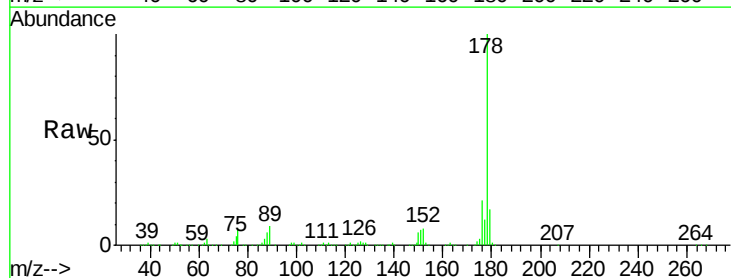
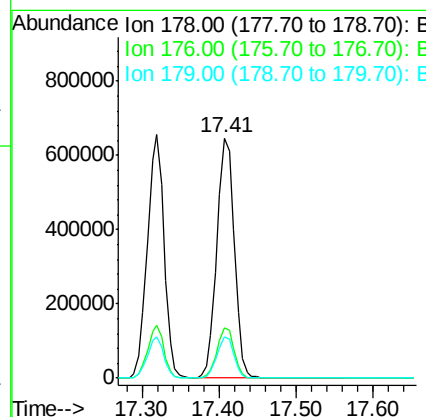
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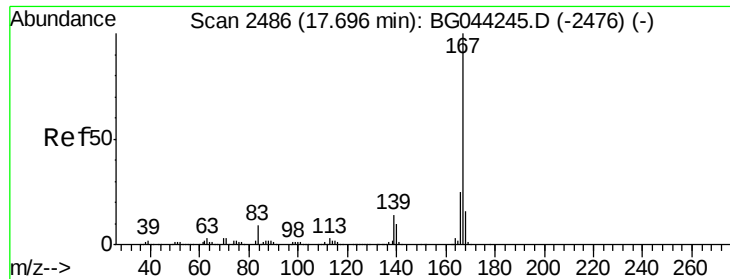
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#72
Anthracene
Concen: 50.94 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.02 min
Lab File: BG044453.D
Acq: 17 Feb 2020 18:59

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.8	17.0	25.4
179	17.5	14.4	21.6





#73

Carbazole

Concen: 49.82 ng

RT: 17.68 min Scan# 2483

Delta R.T. -0.01 min

Lab File: BG044453.D

Acq: 17 Feb 2020 18:59

Instrument :

BNA_G

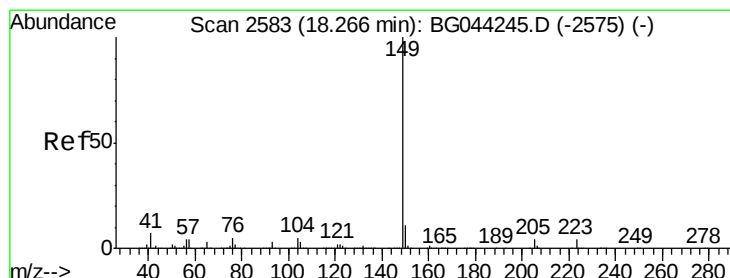
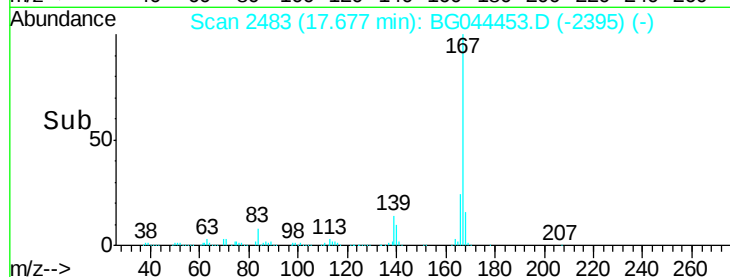
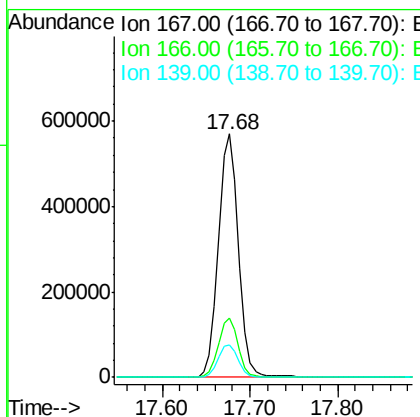
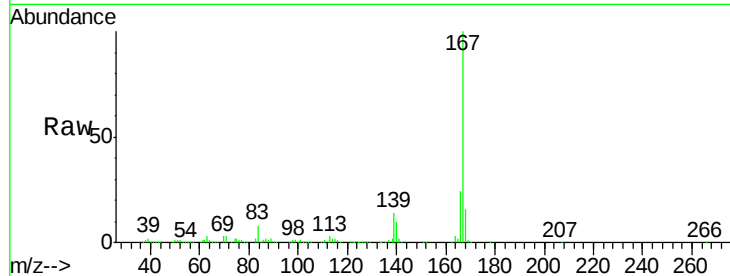
ClientSampleId :

2-5-1MSD

Tgt Ion:	167	Resp:	907730
Ion Ratio		Lower	Upper
167	100		
166	24.2	19.8	29.6
139	13.6	11.1	16.7

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#74

Di-n-butylphthalate

Concen: 49.83 ng

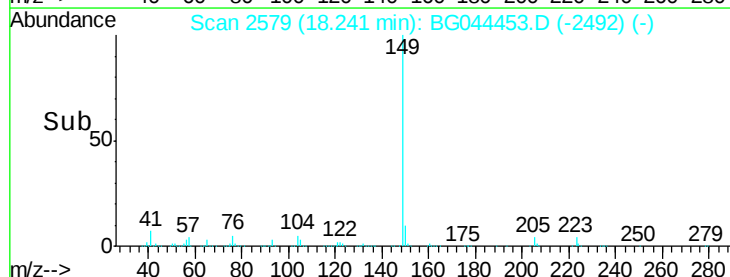
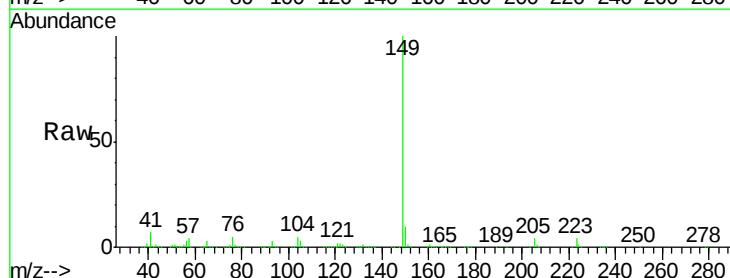
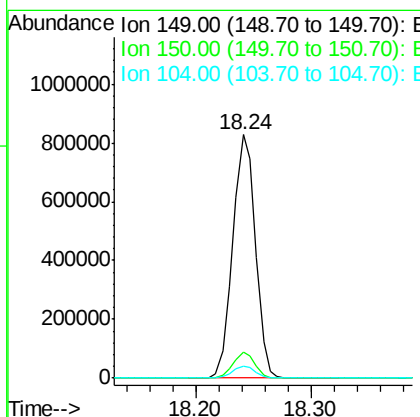
RT: 18.24 min Scan# 2579

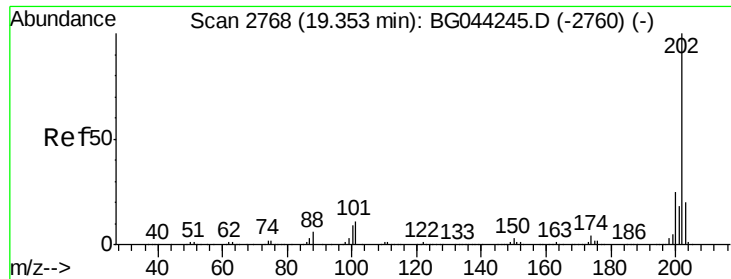
Delta R.T. -0.02 min

Lab File: BG044453.D

Acq: 17 Feb 2020 18:59

Tgt Ion:	149	Resp:	1121902
Ion Ratio		Lower	Upper
149	100		
150	10.4	8.7	13.1
104	5.2	4.3	6.5





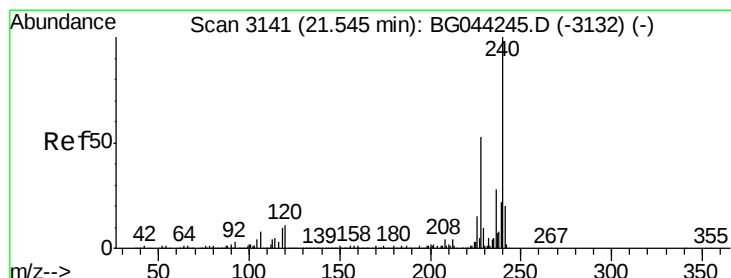
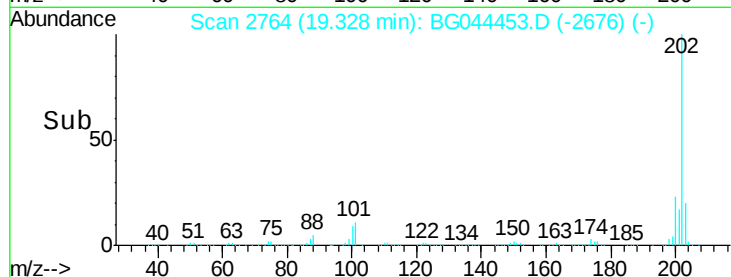
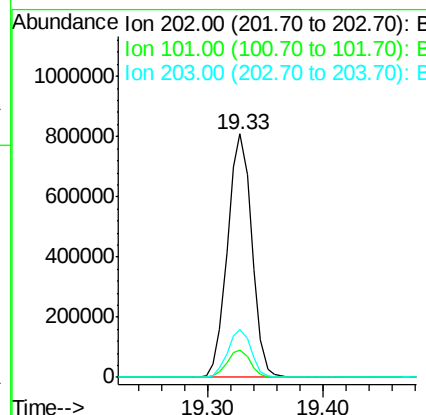
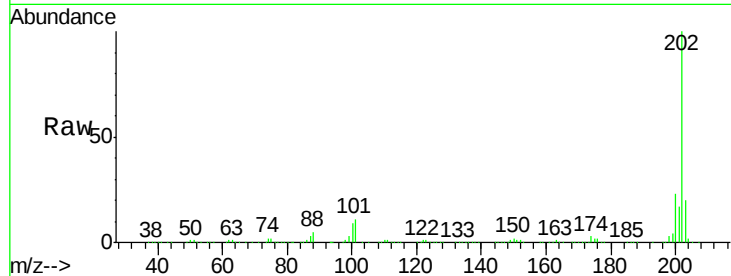
#75
 Fluoranthene
 Concen: 50.98 ng
 RT: 19.33 min Scan# 2764
 Delta R.T. -0.01 min
 Lab File: BG044453.D
 Acq: 17 Feb 2020 18:59

Instrument :
 BNA_G
 ClientSampled :
 2-5-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1178956		
101	11.2	0.0	31.3	
203	19.6	0.0	39.9	

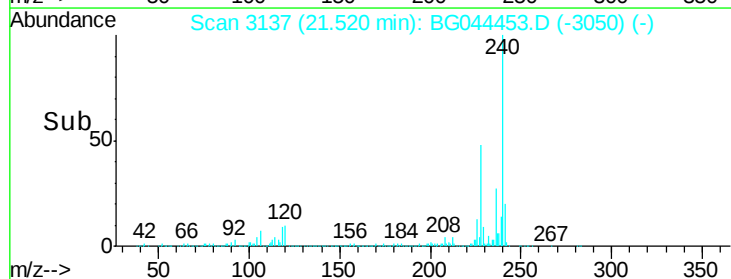
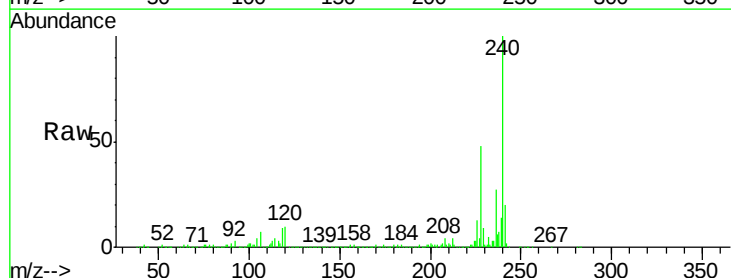
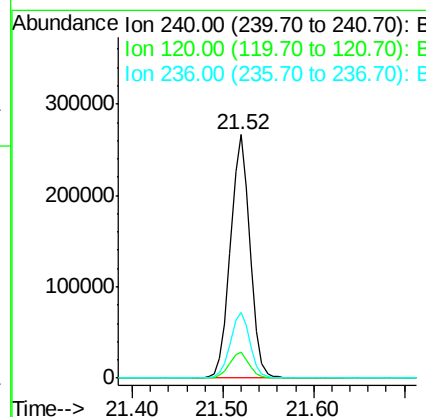
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#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.52 min Scan# 3137
 Delta R.T. -0.02 min
 Lab File: BG044453.D
 Acq: 17 Feb 2020 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	398812		
120	10.5	8.4	12.6	
236	26.8	22.1	33.1	





#77

Benzidine

Concen: 37.97 ng

RT: 19.50 min Scan# 2794

Delta R.T. -0.02 min

Lab File: BG044453.D

Acq: 17 Feb 2020 18:59

Instrument :

BNA_G

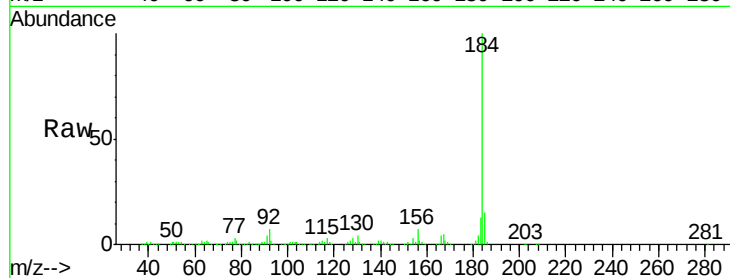
ClientSampleId :

2-5-1MSD

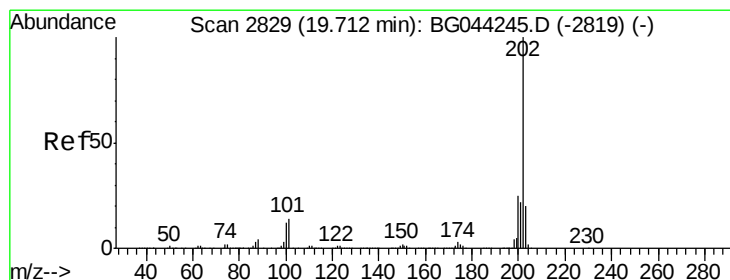
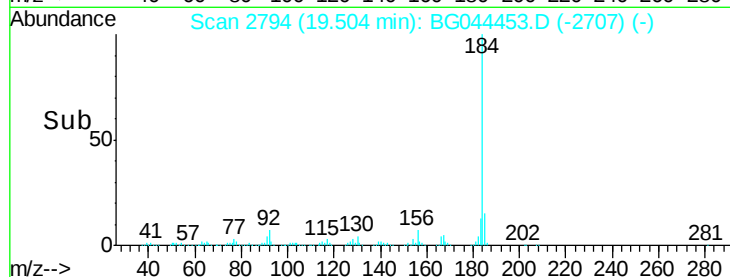
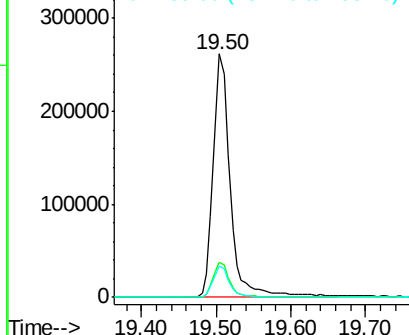
Tgt Ion:	184	Resp:	419993
Ion Ratio		Lower	Upper
184	100		
185	14.6	12.9	19.3
183	12.8	10.8	16.2

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



#78

Pyrene

Concen: 46.22 ng

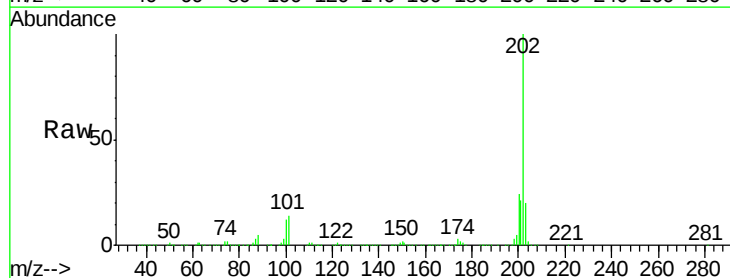
RT: 19.69 min Scan# 2825

Delta R.T. -0.02 min

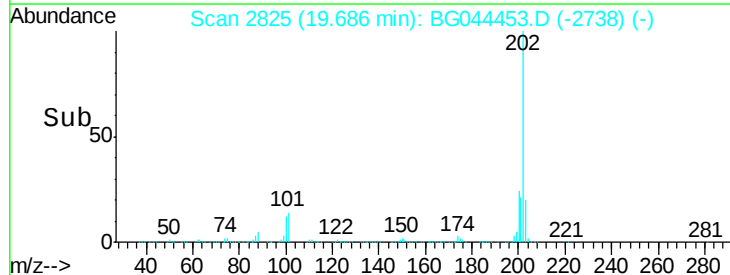
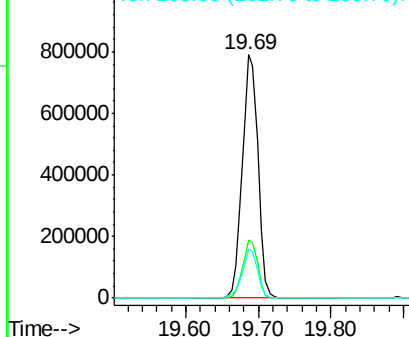
Lab File: BG044453.D

Acq: 17 Feb 2020 18:59

Tgt Ion:	202	Resp:	1183684
Ion Ratio		Lower	Upper
202	100		
200	24.0	20.0	30.0
203	20.2	16.2	24.2



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





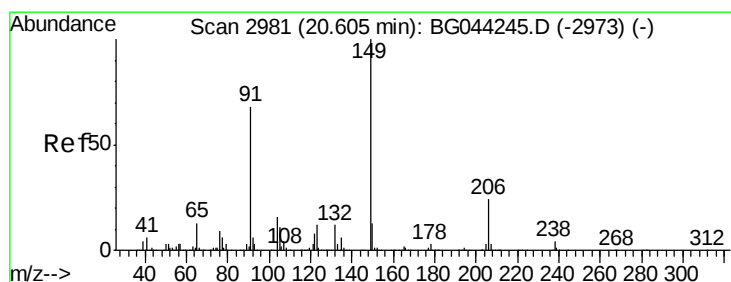
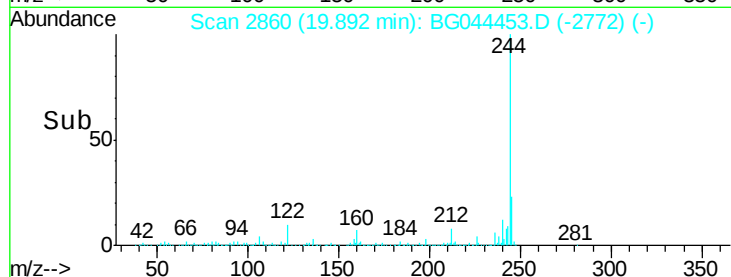
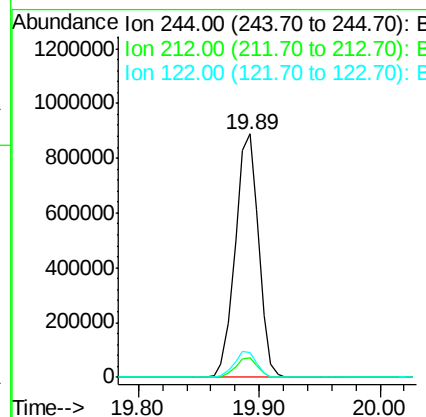
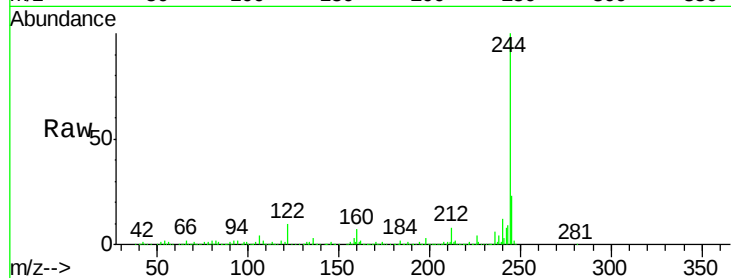
#79
 Terphenyl-d14
 Concen: 61.51 ng
 RT: 19.89 min Scan# 2860
 Delta R.T. -0.01 min
 Lab File: BG044453.D
 Acq: 17 Feb 2020 18:59

Instrument :
 BNA_G
 ClientSampleId :
 2-5-1MSD

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	7.4	11.2
122	10.3	9.8	14.6

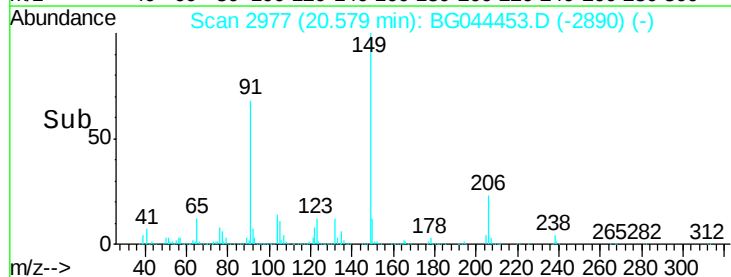
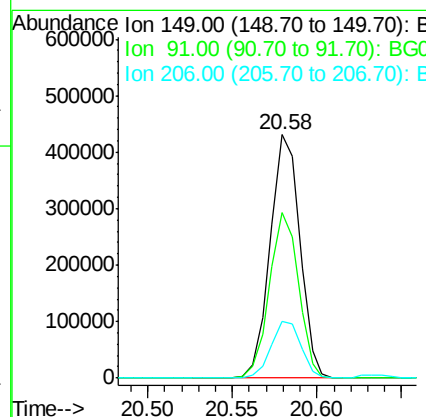
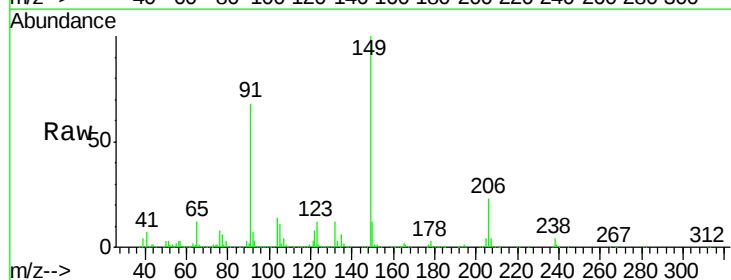
Manual Integrations
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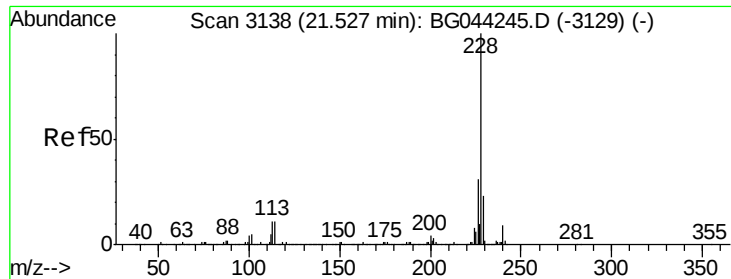
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#80
 Butylbenzylphthalate
 Concen: 44.71 ng
 RT: 20.58 min Scan# 2977
 Delta R.T. -0.02 min
 Lab File: BG044453.D
 Acq: 17 Feb 2020 18:59

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.2	54.5	81.7
206	23.1	19.1	28.7





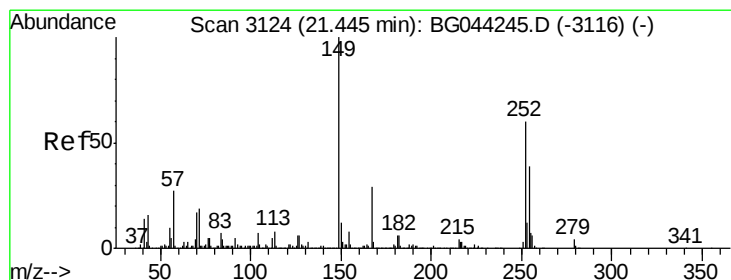
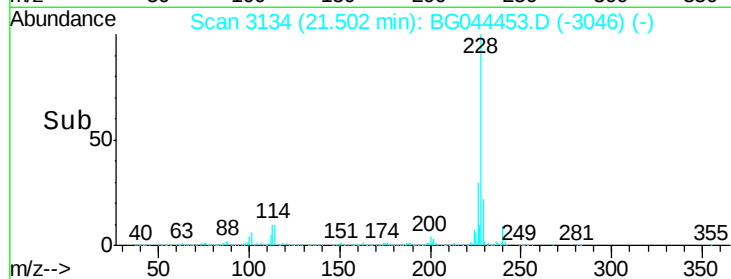
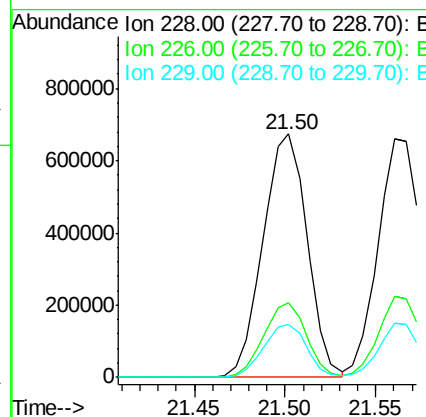
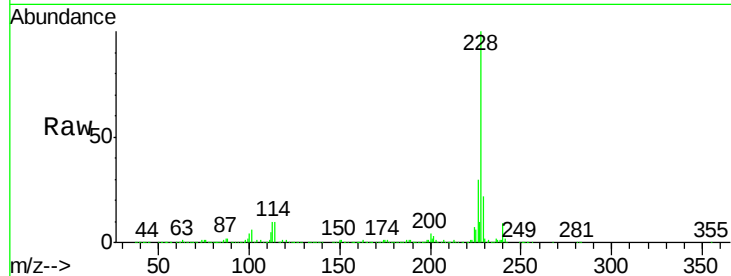
#81
Benzo(a)anthracene
Concen: 46.55 ng
RT: 21.50 min Scan# 3134
Delta R.T. -0.01 min
Lab File: BG044453.D
Acq: 17 Feb 2020 18:59

Instrument :
BNA_G
ClientSampleId :
2-5-1MSD

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.7	37.1
229	21.9	18.2	27.4

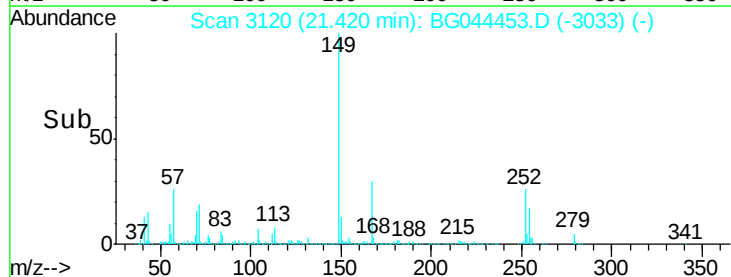
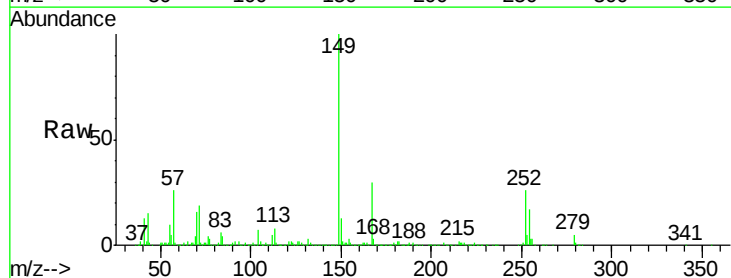
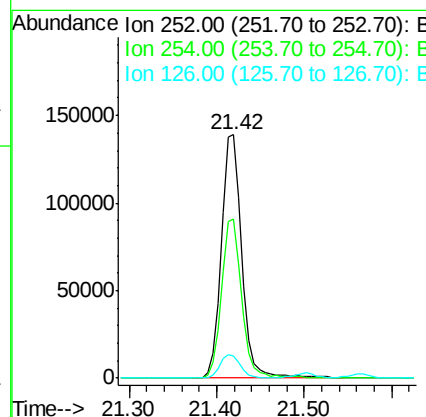
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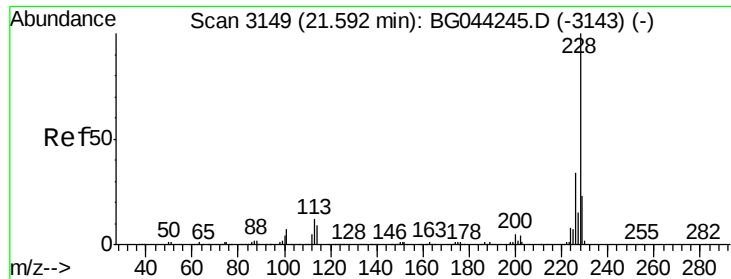
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#82
3,3'-Dichlorobenzidine
Concen: 23.74 ng
RT: 21.42 min Scan# 3120
Delta R.T. -0.02 min
Lab File: BG044453.D
Acq: 17 Feb 2020 18:59

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.5	52.6	78.8
126	9.4	8.2	12.4





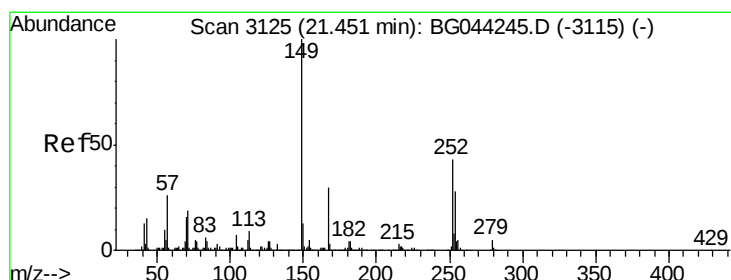
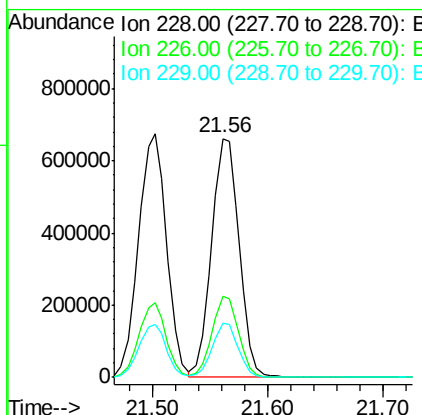
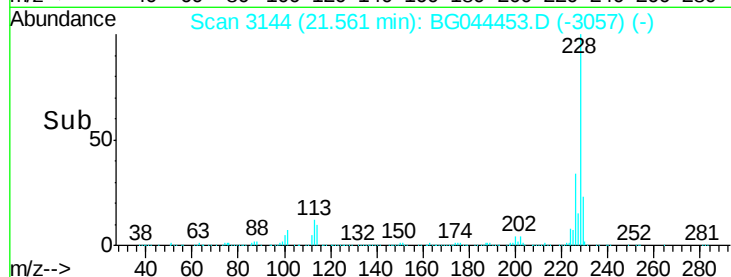
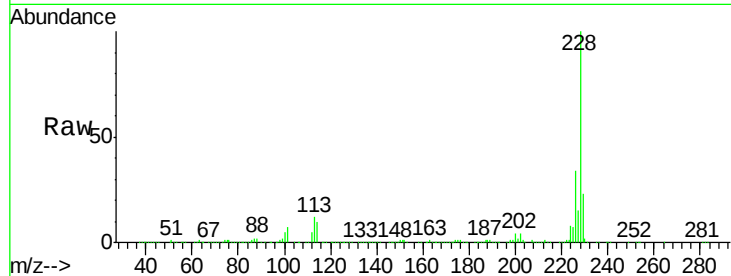
#83
Chrysene
Concen: 45.83 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.02 min
Lab File: BG044453.D
Acq: 17 Feb 2020 18:59

Instrument :
BNA_G
ClientSampleId :
2-5-1MSD

Tgt Ion:228 Resp: 1088752
Ion Ratio Lower Upper
228 100
226 33.7 27.1 40.7
229 22.7 17.9 26.9

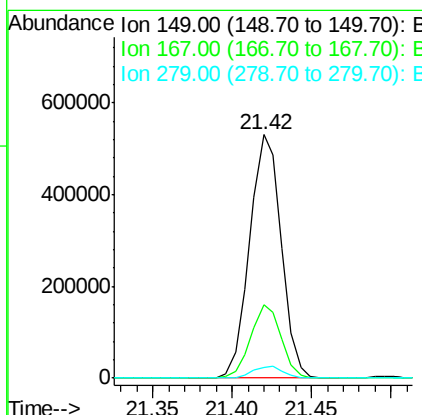
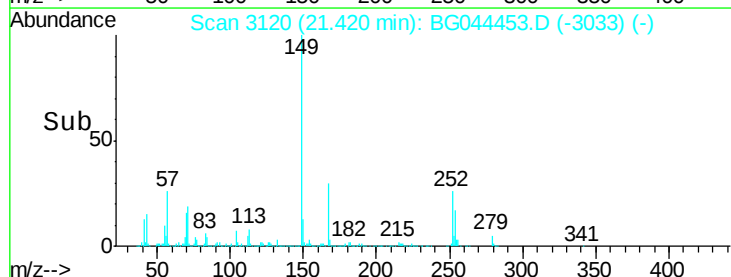
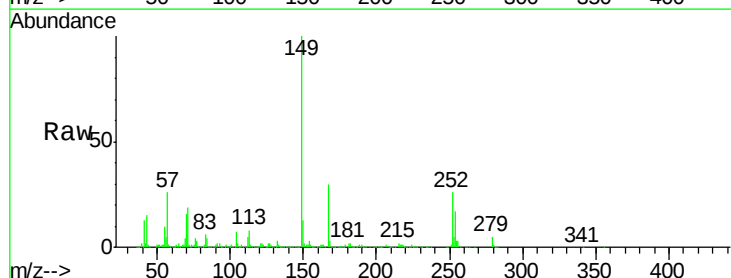
Manual Integrations
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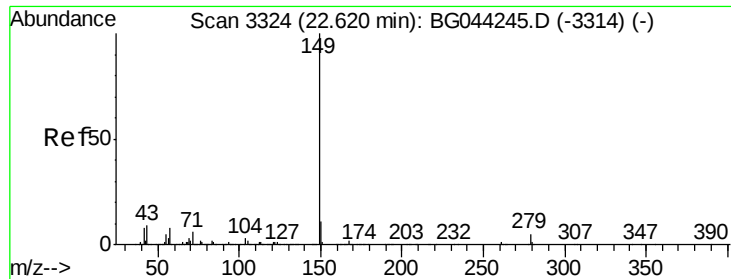
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#84
Bis(2-ethylhexyl)phthalate
Concen: 45.69 ng
RT: 21.42 min Scan# 3120
Delta R.T. -0.02 min
Lab File: BG044453.D
Acq: 17 Feb 2020 18:59

Tgt Ion:149 Resp: 733950
Ion Ratio Lower Upper
149 100
167 30.1 24.0 36.0
279 4.5 3.8 5.8





#85

Di-n-octyl phthalate

Concen: 47.00 ng

RT: 22.58 min Scan# 3318

Delta R.T. -0.02 min

Lab File: BG044453.D

Acq: 17 Feb 2020 18:59

Instrument :

BNA_G

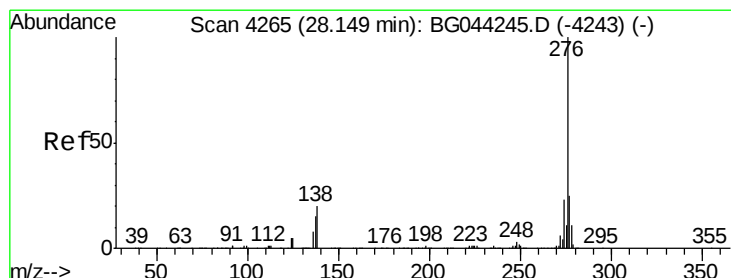
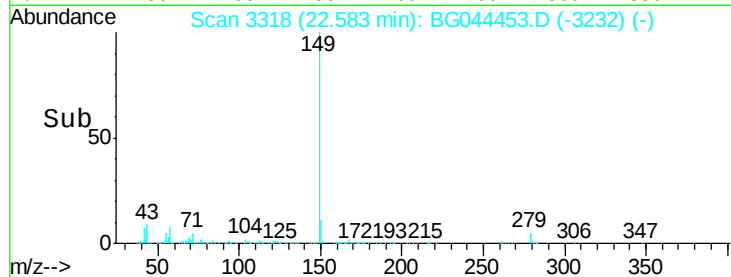
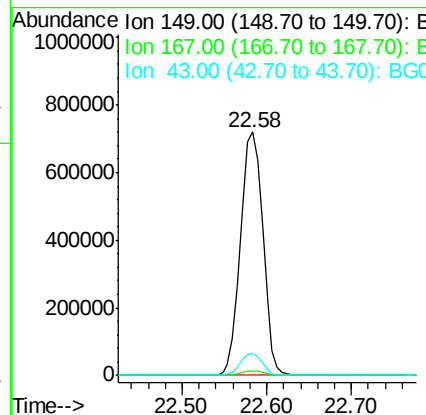
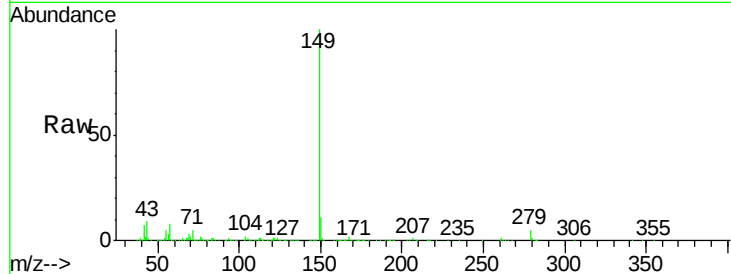
ClientSampleId :

2-5-1MSD

Tgt Ion:	149	Resp:	1306526
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.3	1.9
43	8.7	7.4	11.0

Manual Integrations
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#86

Indeno(1,2,3-cd)pyrene

Concen: 45.99 ng

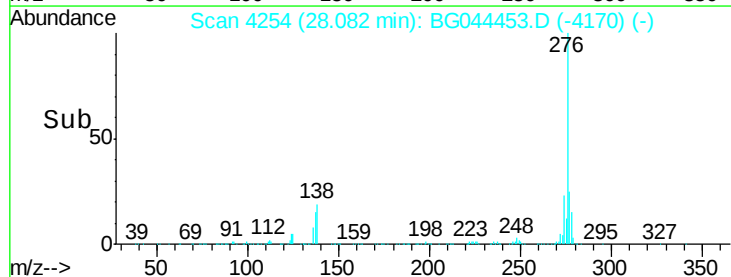
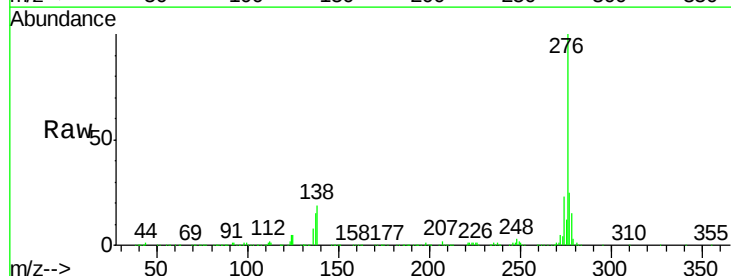
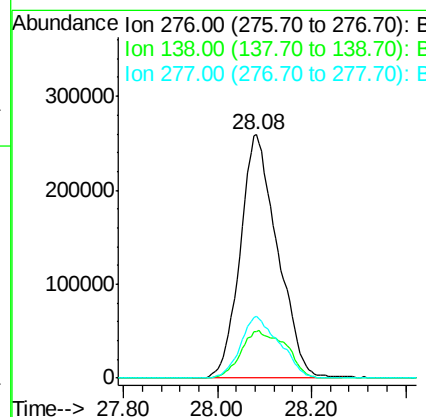
RT: 28.08 min Scan# 4254

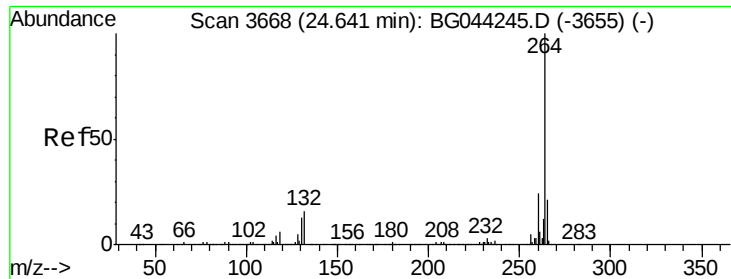
Delta R.T. -0.03 min

Lab File: BG044453.D

Acq: 17 Feb 2020 18:59

Tgt Ion:	276	Resp:	1425588
Ion Ratio	Lower	Upper	
276	100		
138	23.5	19.4	29.0
277	26.4	21.0	31.6





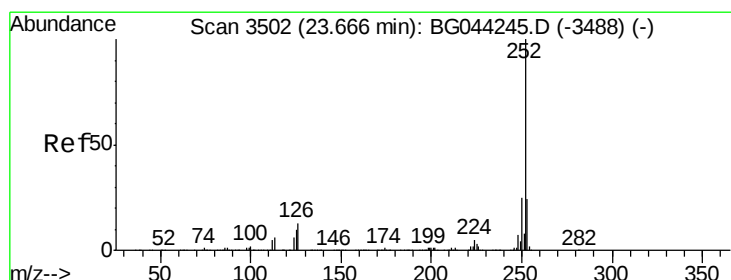
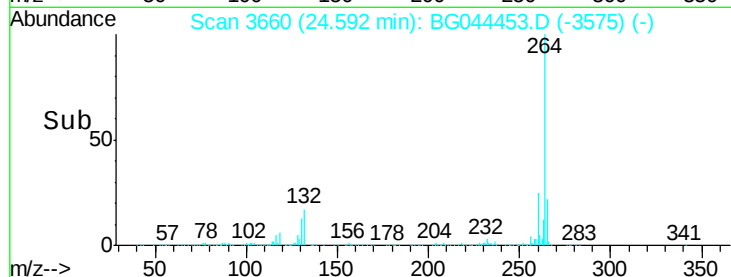
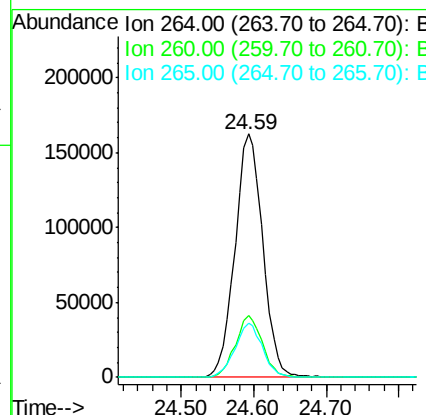
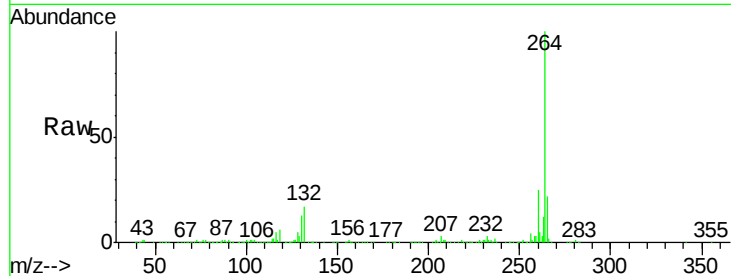
#87
Perylene-d12
Concen: 20.00 ng
RT: 24.59 min Scan# 3660
Delta R.T. -0.03 min
Lab File: BG044453.D
Acq: 17 Feb 2020 18:59

Instrument :
BNA_G
ClientSampleId :
2-5-1MSD

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.4	29.2
265	22.0	16.7	25.1

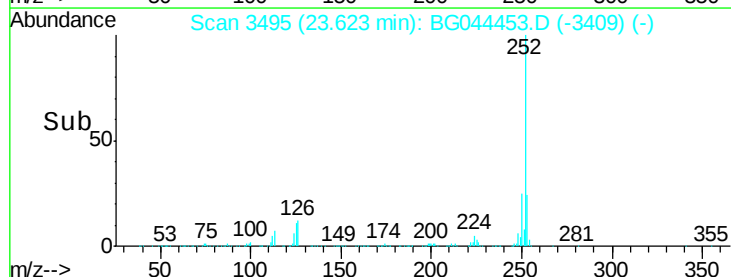
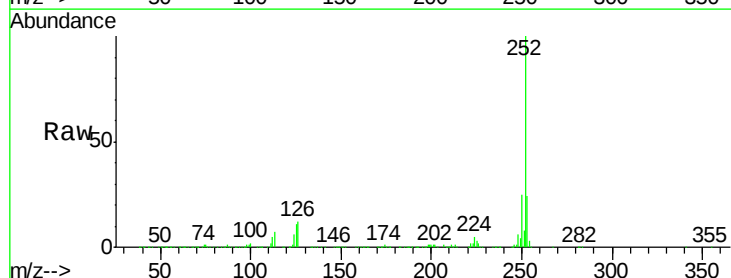
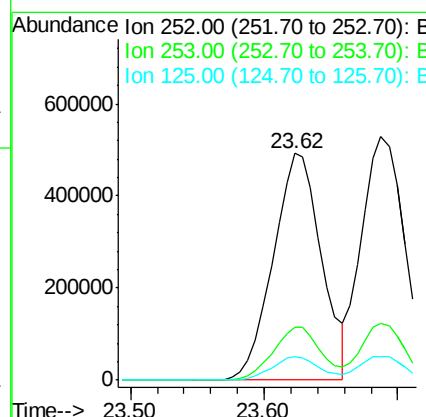
Manual Integrations
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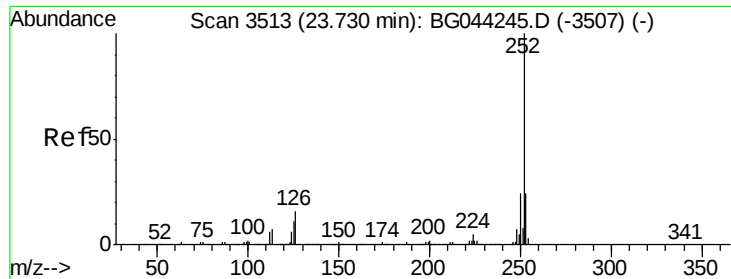
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#88
Benzo(b)fluoranthene
Concen: 49.47 ng
RT: 23.62 min Scan# 3495
Delta R.T. -0.02 min
Lab File: BG044453.D
Acq: 17 Feb 2020 18:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.2	28.8
125	10.5	8.4	12.6





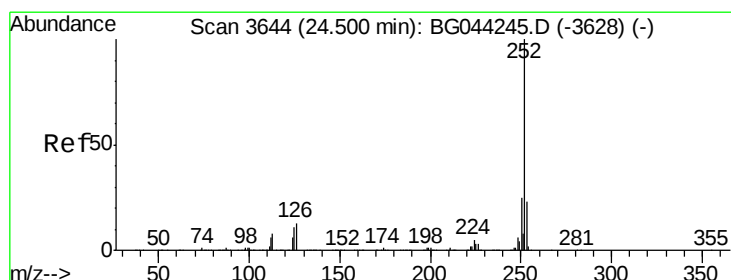
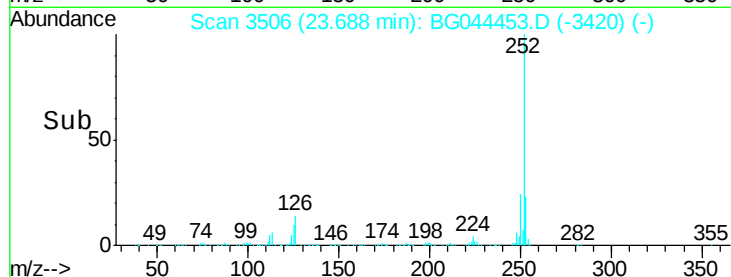
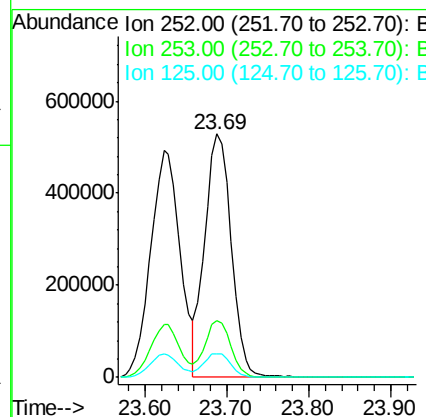
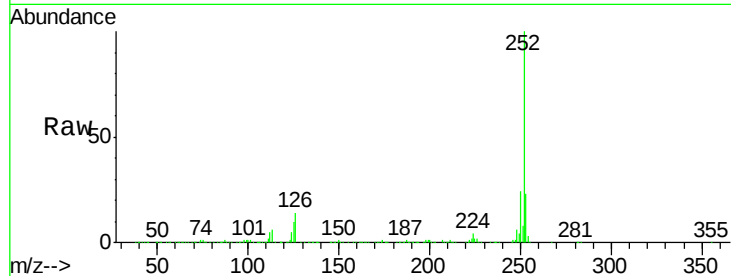
#89
Benzo(k)fluoranthene
Concen: 48.83 ng
RT: 23.69 min Scan# 3506
Delta R.T. -0.02 min
Lab File: BG044453.D
Acq: 17 Feb 2020 18:59

Instrument :
BNA_G
ClientSampleId :
2-5-1MSD

Tgt Ion:252 Resp: 1187882
Ion Ratio Lower Upper
252 100
253 23.3 19.1 28.7
125 9.8 8.6 12.8

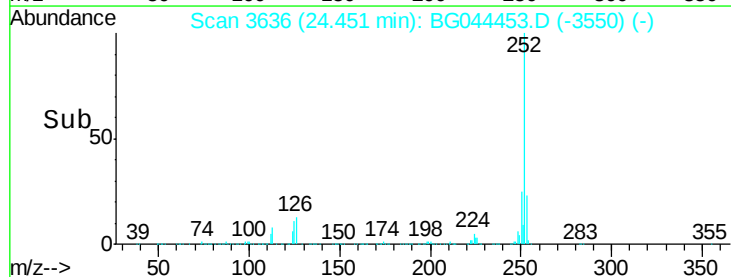
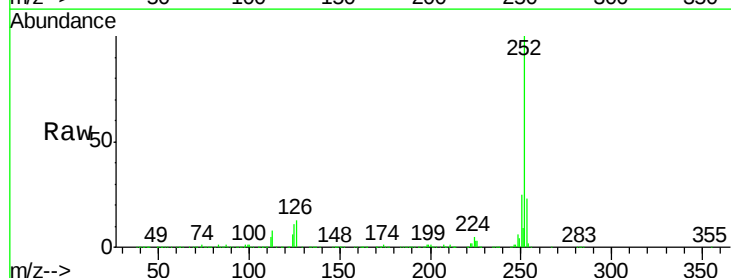
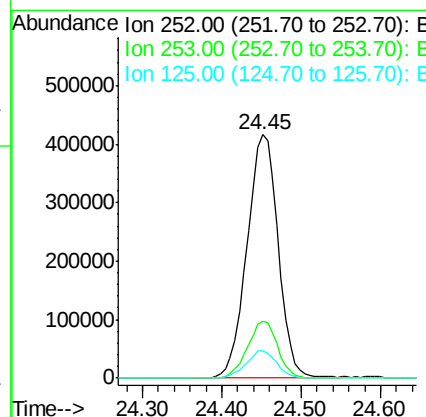
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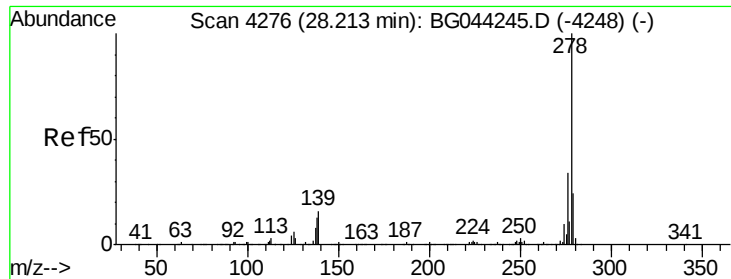
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#90
Benzo(a)pyrene
Concen: 48.19 ng
RT: 24.45 min Scan# 3636
Delta R.T. -0.02 min
Lab File: BG044453.D
Acq: 17 Feb 2020 18:59

Tgt Ion:252 Resp: 1137383
Ion Ratio Lower Upper
252 100
253 23.4 18.1 27.1
125 11.3 8.6 13.0





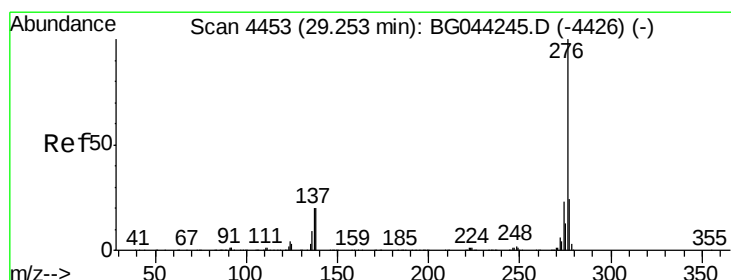
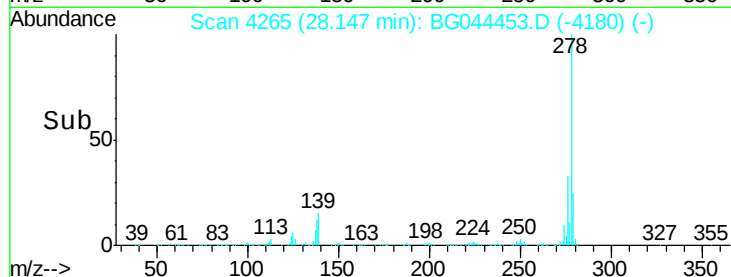
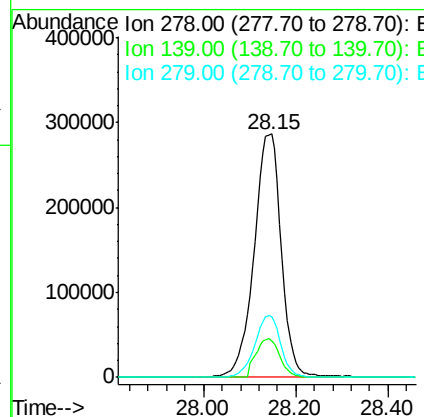
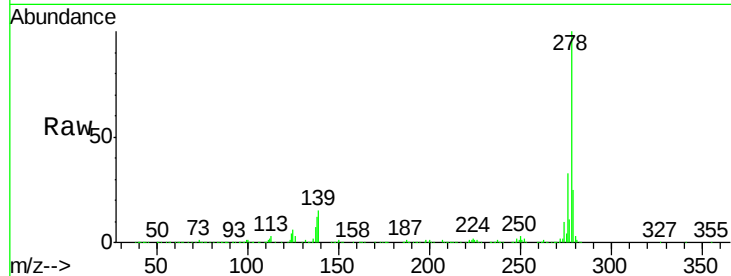
#91
Dibenzo(a,h)anthracene
Concen: 50.29 ng
RT: 28.15 min Scan# 4265
Delta R.T. -0.03 min
Lab File: BG044453.D
Acq: 17 Feb 2020 18:59

Instrument :
BNA_G
ClientSampleId :
2-5-1MSD

Tgt Ion: 278 Resp: 1174693
Ion Ratio Lower Upper
278 100
139 15.1 12.7 19.1
279 24.8 19.3 28.9

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#92
Benzo(g,h,i)perylene
Concen: 51.24 ng
RT: 29.17 min Scan# 4439
Delta R.T. -0.03 min
Lab File: BG044453.D
Acq: 17 Feb 2020 18:59

Tgt Ion: 276 Resp: 1198185
Ion Ratio Lower Upper
276 100
277 24.7 18.8 28.2
138 20.2 16.2 24.2

