

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022020\
 Data File : BG044521.D
 Acq On : 20 Feb 2020 15:19
 Operator : CG/JU
 Sample : PB126886BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126886BSD

Manual Integrations
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mohammad
 2/21/2020 2:17:49 PM

Quant Time: Feb 21 07:05:32 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	7.88	152	66106	20.00	ng	-0.02
21) Naphthalene-d8	10.68	136	272106	20.00	ng	-0.02
39) Acenaphthene-d10	14.52	164	182818	20.00	ng	-0.02
64) Phenanthrene-d10	17.27	188	415346	20.00	ng	-0.02
76) Chrysene-d12	21.51	240	384075	20.00	ng	-0.02
87) Perylene-d12	24.59	264	397814	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	488357	130.38	ng	-0.02
7) Phenol-d6	7.06	99	654181	130.06	ng	-0.02
23) Nitrobenzene-d5	9.04	82	336798	69.88	ng	-0.02
42) 2,4,6-Tribromophenol	16.01	330	275845	128.53	ng	-0.02
45) 2-Fluorobiphenyl	13.15	172	800753	73.35	ng	-0.02
79) Terphenyl-d14	19.89	244	1293594	69.28	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.33	88	78135	46.428	ng	99
3) Pyridine	3.73	79	151416	33.770	ng	99
4) n-Nitrosodimethylamine	3.65	42	75213	40.143	ng	97
6) Aniline	7.20	93	208798	33.443	ng	99
8) 2-Chlorophenol	7.45	128	196508	47.735	ng	99
9) Benzaldehyde	7.01	77	79620	27.793	ng	98
10) Phenol	7.08	94	241098	48.433	ng	98
11) bis(2-Chloroethyl)ether	7.30	93	177081	41.609	ng	97
12) 1,3-Dichlorobenzene	7.77	146	200914	40.877	ng	97
13) 1,4-Dichlorobenzene	7.92	146	200574	41.202	ng	99
14) 1,2-Dichlorobenzene	8.24	146	193907	42.141	ng	97
15) Benzyl Alcohol	8.12	79	159668	44.837	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.42	45	227496	39.495	ng	99
17) 2-Methylphenol	8.33	107	171054	48.162	ng	99
18) Hexachloroethane	8.96	117	73323	40.138	ng	98
19) n-Nitroso-di-n-propylamine	8.69	70	138165	41.216	ng	97
20) 3+4-Methylphenols	8.66	107	232725	47.546	ng	100
22) Acetophenone	8.70	105	264180	39.909	ng	99
24) Nitrobenzene	9.08	77	197651	42.006	ng	100
25) Isophorone	9.60	82	383114	42.647	ng	100
26) 2-Nitrophenol	9.79	139	112406	46.039	ng	98
27) 2,4-Dimethylphenol	9.86	122	191735	55.633	ng	100
28) bis(2-Chloroethoxy)methane	10.09	93	243034	40.554	ng	98
29) 2,4-Dichlorophenol	10.34	162	198328	47.591	ng	99
30) 1,2,4-Trichlorobenzene	10.55	180	199173	41.681	ng	99
31) Naphthalene	10.73	128	575182	43.569	ng	100
32) Benzoic acid	10.03	122	61740	33.338	ng	95
33) 4-Chloroaniline	10.84	127	160788	26.779	ng	99
34) Hexachlorobutadiene	11.03	225	116647	39.671	ng	98
35) Caprolactam	11.61	113	71261m	46.680	ng	
36) 4-Chloro-3-methylphenol	11.98	107	206685	47.304	ng	99
37) 2-Methylnaphthalene	12.34	142	432762	44.150	ng	99
38) 1-Methylnaphthalene	12.57	142	406950	44.037	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.72	216	218576	39.969	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.70	237	201698	76.866	nq	99
43) 2,4,6-Trichlorophenol	12.96	196	157674	44.606	nq	99
44) 2,4,5-Trichlorophenol	13.04	196	169506	46.949	nq	98
46) 1,1'-Biphenyl	13.35	154	548175	41.570	nq	99
47) 2-Chloronaphthalene	13.39	162	432731	41.238	nq	99
48) 2-Nitroaniline	13.60	65	126381	40.810	nq	96
49) Acenaphthylene	14.25	152	687838	44.691	nq	98
50) Dimethylphthalate	13.98	163	553992	42.156	nq	99
51) 2,6-Dinitrotoluene	14.09	165	128288	43.783	nq	97
52) Acenaphthene	14.59	154	417833	41.884	nq	99
53) 3-Nitroaniline	14.43	138	93589	28.870	nq	93
54) 2,4-Dinitrophenol	14.64	184	144199	82.763	nq	97
55) Dibenzofuran	14.92	168	658880	43.622	nq	99
56) 4-Nitrophenol	14.75	139	229974	96.848	nq	97
57) 2,4-Dinitrotoluene	14.89	165	180736	44.009	nq	98
58) Fluorene	15.57	166	527328	44.326	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.16	232	153585	47.095	nq	96
60) Diethylphthalate	15.34	149	552539	42.196	nq	99
61) 4-Chlorophenyl-phenylether	15.57	204	275874	42.769	nq	98
62) 4-Nitroaniline	15.59	138	129450	39.963	nq	97
63) Azobenzene	15.86	77	489295	42.635	nq	97
65) 4,6-Dinitro-2-methylphenol	15.66	198	111718	48.728	nq	96
66) n-Nitrosodiphenylamine	15.78	169	494334	42.469	nq	98
67) 4-Bromophenyl-phenylether	16.46	248	185587	41.012	nq	97
68) Hexachlorobenzene	16.58	284	206992	40.829	nq	98
69) Atrazine	16.73	200	194166	48.668	nq	99
70) Pentachlorophenol	16.93	266	216416	84.243	nq	99
71) Phenanthrene	17.31	178	865801	43.048	nq	99
72) Anthracene	17.40	178	885451	44.530	nq	98
73) Carbazole	17.67	167	808122	44.085	nq	99
74) Di-n-butylphthalate	18.24	149	984034	43.440	nq	99
75) Fluoranthene	19.32	202	1049693	45.116	nq	99
77) Benzidine	19.50	184	378222	35.503	nq	98
78) Pyrene	19.68	202	1057663	42.880	nq	98
80) Butylbenzylphthalate	20.57	149	456998	40.657	nq	99
81) Benzo(a)anthracene	21.50	228	1014109	42.842	nq	98
82) 3,3'-Dichlorobenzidine	21.41	252	314562	34.240	nq	99
83) Chrysene	21.56	228	972397	42.500	nq	98
84) Bis(2-ethylhexyl)phthalate	21.41	149	638463	41.267	nq	100
85) Di-n-octyl phthalate	22.57	149	1142902	42.695	nq	99
86) Indeno(1,2,3-cd)pyrene	28.07	276	1319395	44.200	nq	99
88) Benzo(b)fluoranthene	23.62	252	1081666	47.186	nq	99
89) Benzo(k)fluoranthene	23.68	252	1056640	47.294	nq	99
90) Benzo(a)pyrene	24.44	252	997735	46.034	nq	99
91) Dibenzo(a,h)anthracene	28.13	278	1094035	51.004	nq	98
92) Benzo(g,h,i)perylene	29.16	276	1128171	52.539	nq	99

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

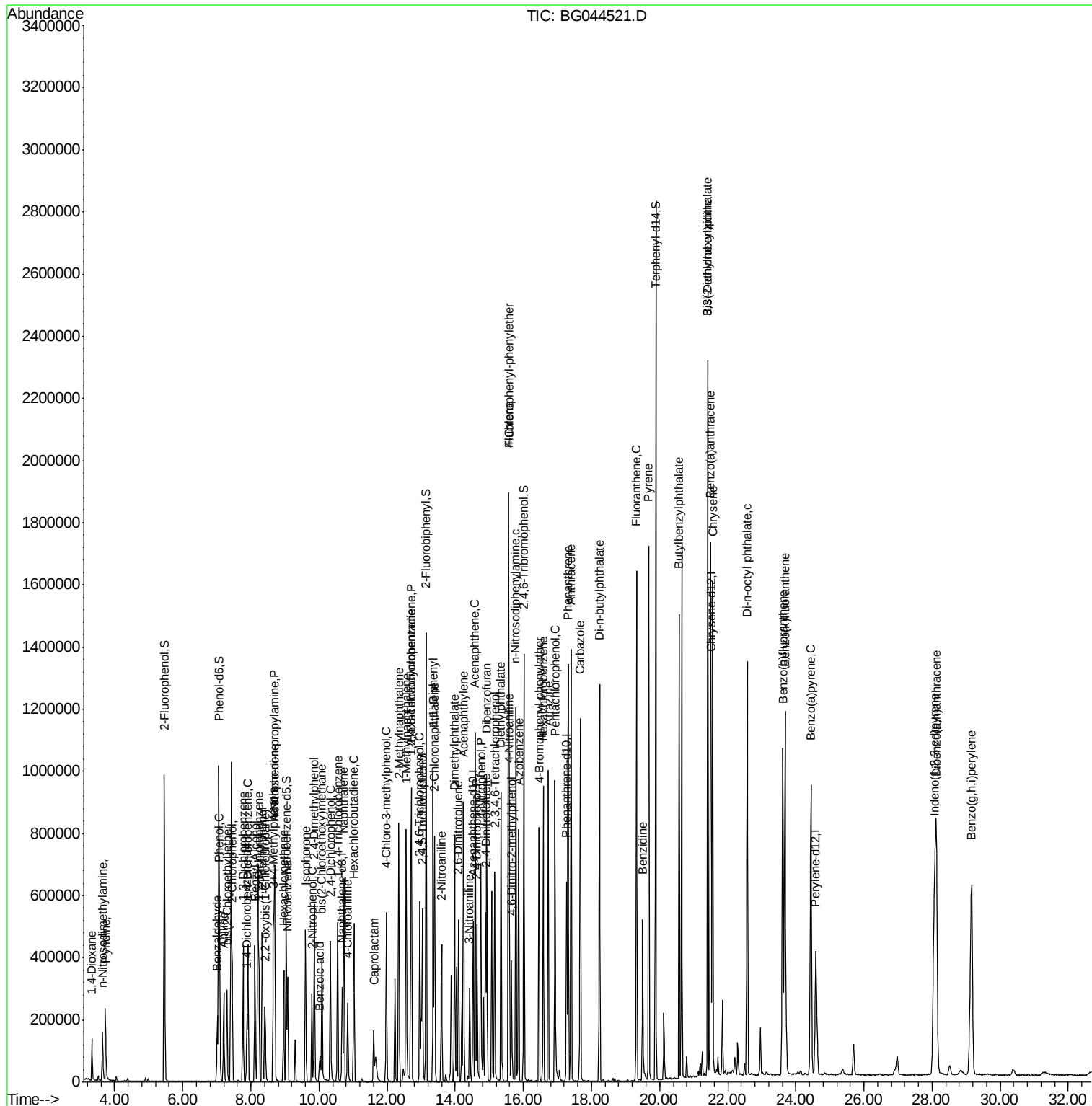
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022020\
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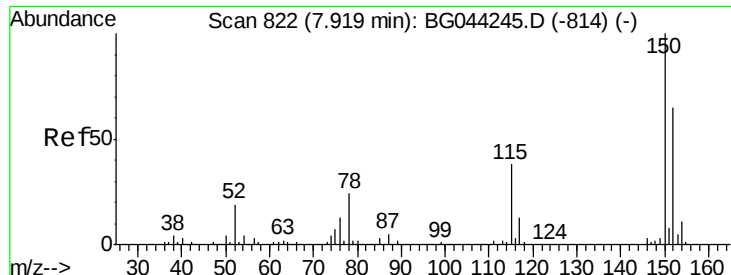
Instrument :
BNA_G
ClientSampleId :
PB126886BSD

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#1

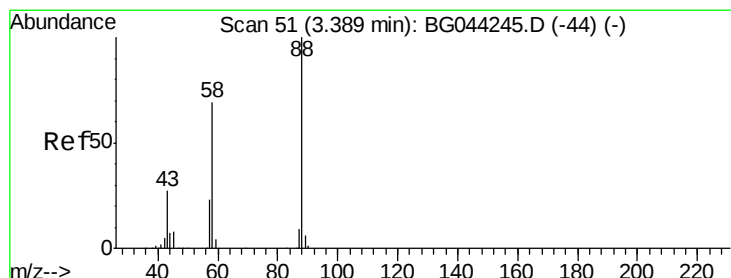
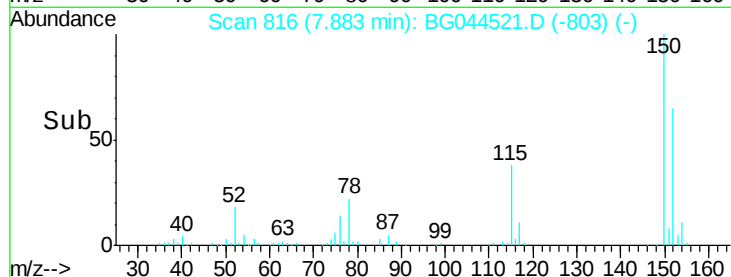
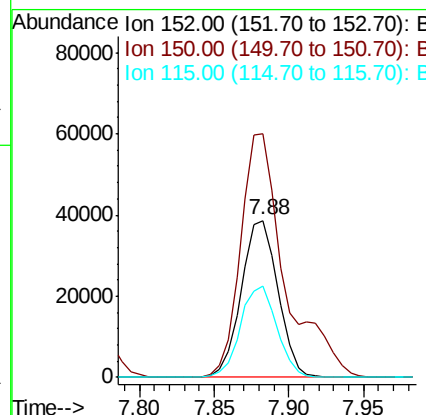
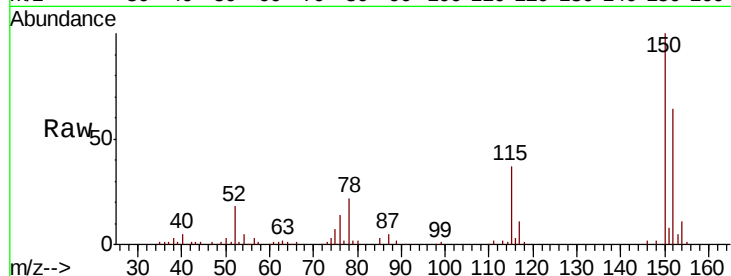
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.88 min Scan# 816
Delta R.T. -0.02 min
Lab File: BG044521.D
Acq: 20 Feb 2020 15:19

Instrument :
BNA_G
ClientSampleId :
PB126886BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	122.6	183.8
115	58.1	46.0	69.0

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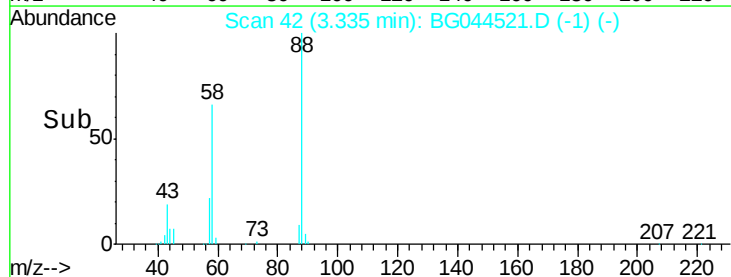
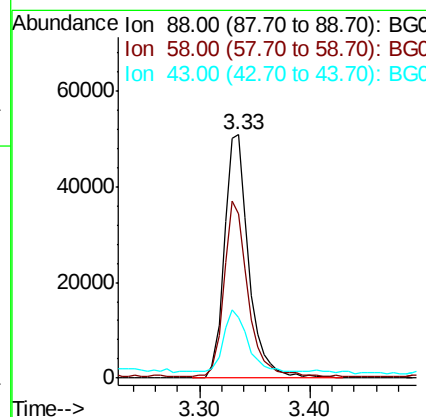
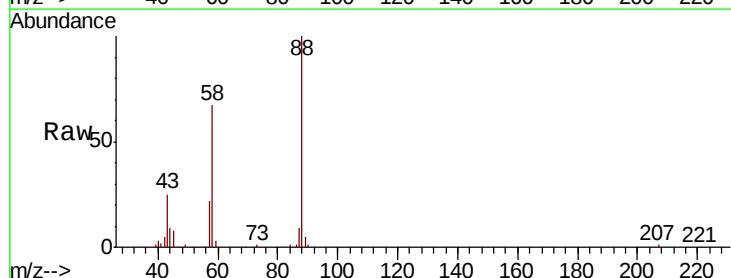
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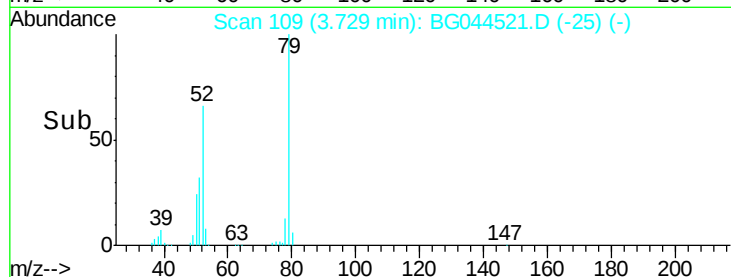
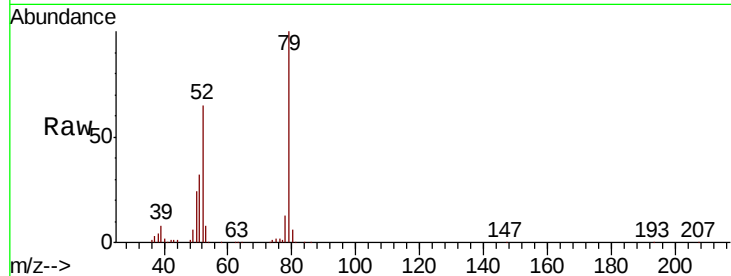
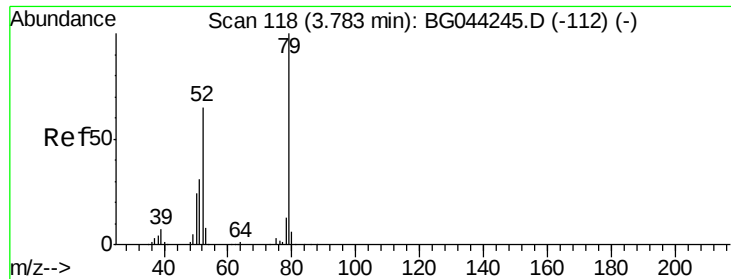


#2

1,4-Dioxane
Concen: 46.428 ng
RT: 3.33 min Scan# 42
Delta R.T. -0.03 min
Lab File: BG044521.D
Acq: 20 Feb 2020 15:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.2	55.8	83.6
43	25.3	21.6	32.4





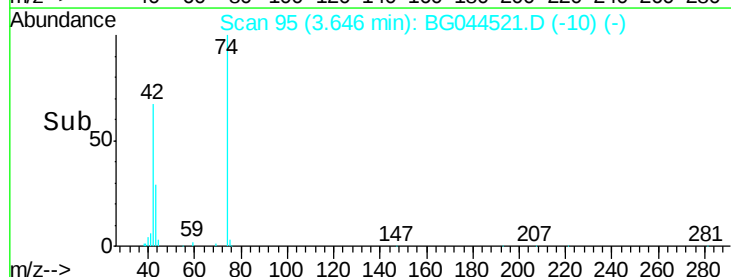
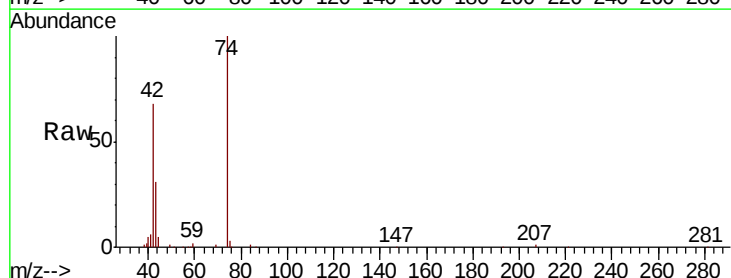
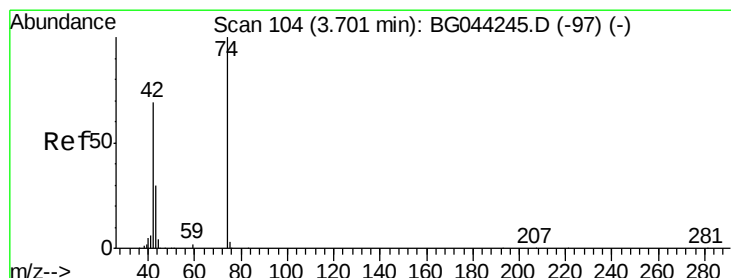
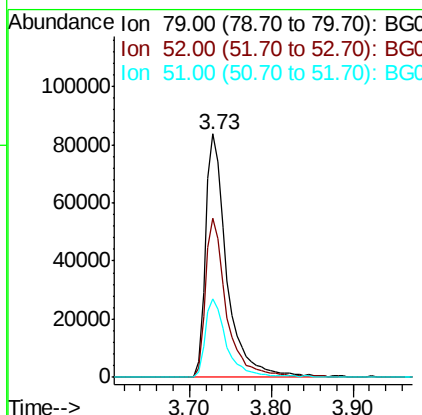
#3
 Pvridine
 Concen: 33.770 ng
 RT: 3.73 min Scan# 109
 Delta R.T. -0.03 min
 Lab File: BG044521.D
 Acq: 20 Feb 2020 15:19

Tot Ion	Ratio	Resp	Lower	Upper
79	100	151416		
52	65.4		51.9	77.9
51	32.2		25.3	37.9

Instrument :
 BNA_G
 ClientSampleId :
 PB126886BSD

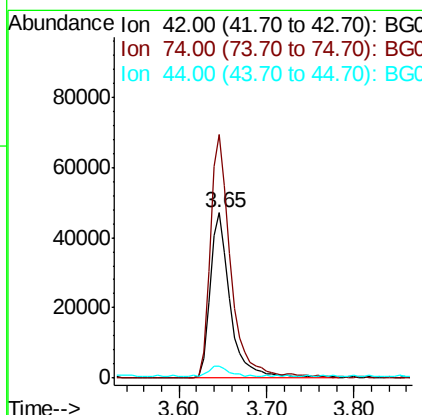
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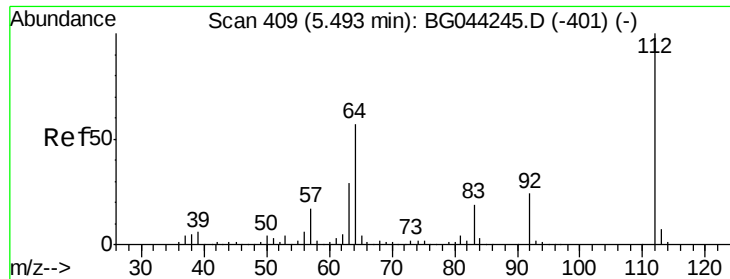
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#4
 n-Nitrosodimethylamine
 Concen: 40.143 ng
 RT: 3.65 min Scan# 95
 Delta R.T. -0.03 min
 Lab File: BG044521.D
 Acq: 20 Feb 2020 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	75213		
74	147.4		115.1	172.7
44	7.0		5.6	8.4





#5

2-Fluorophenol

Concen: 130.377 ng

RT: 5.46 min Scan# 404

Delta R.T. -0.02 min

Lab File: BG044521.D

Acq: 20 Feb 2020 15:19

Instrument :

BNA_G

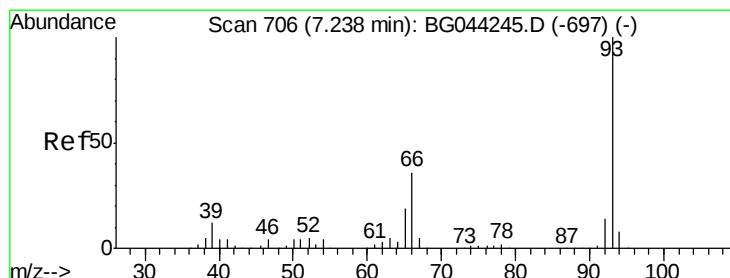
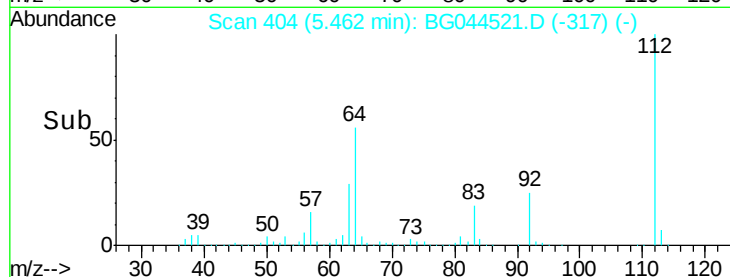
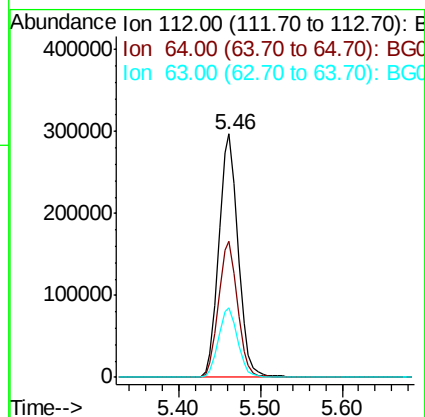
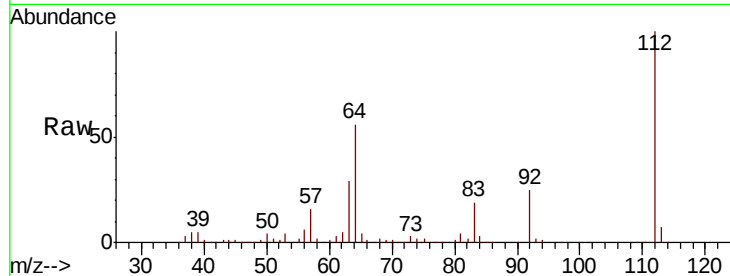
ClientSampleId :

PB126886BSD

Tot Ion:	112	Resp:	488357
Ion Ratio	Lower	Upper	
112	100		
64	56.0	45.4	68.2
63	28.6	22.9	34.3

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#6

Aniline

Concen: 33.443 ng

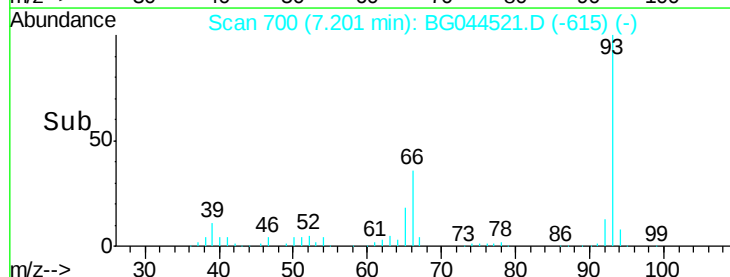
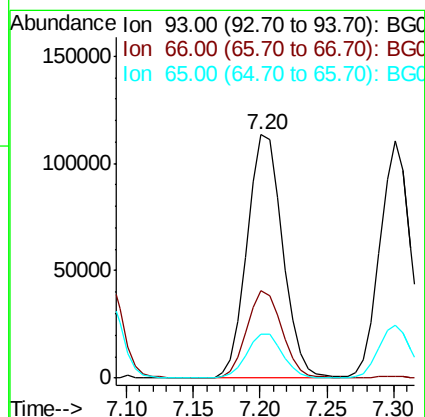
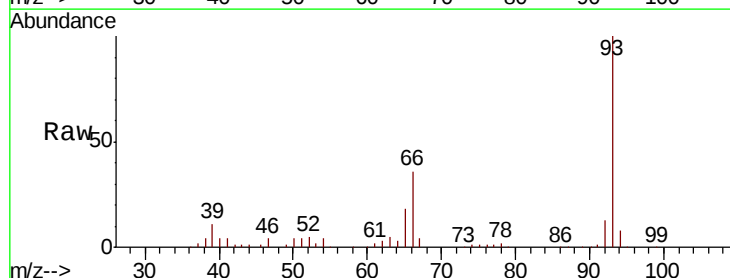
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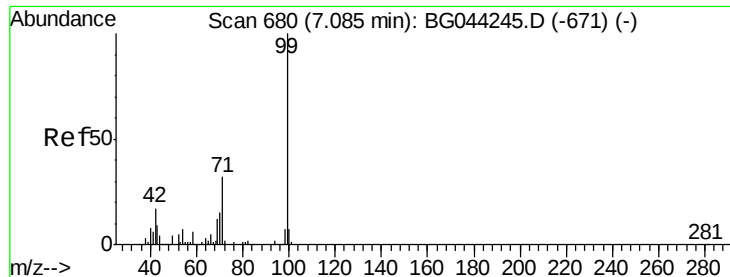
Delta R.T. -0.03 min

Lab File: BG044521.D

Acq: 20 Feb 2020 15:19

Tgt Ion:	93	Resp:	208798
Ion Ratio	Lower	Upper	
93	100		
66	36.1	28.7	43.1
65	18.3	15.4	23.0





#7

Phenol-d6

Concen: 130.058 ng

RT: 7.06 min Scan# 676

Delta R.T. -0.02 min

Lab File: BG044521.D

Acq: 20 Feb 2020 15:19

Instrument :

BNA_G

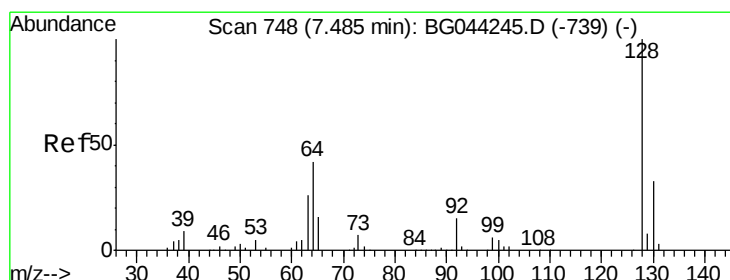
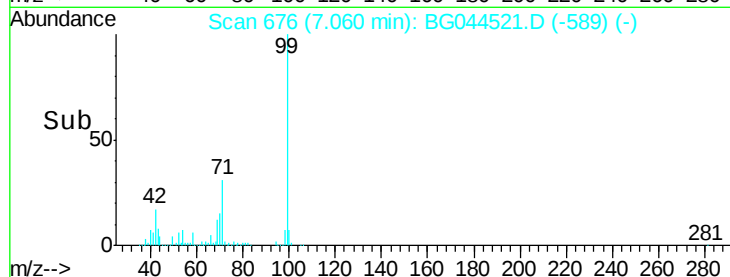
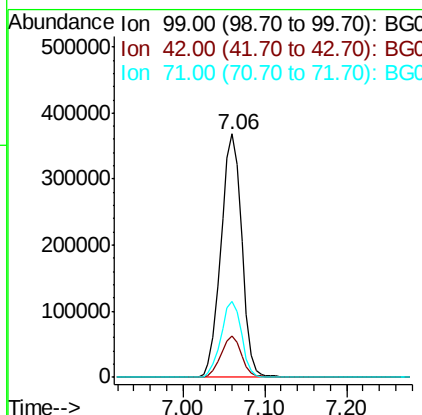
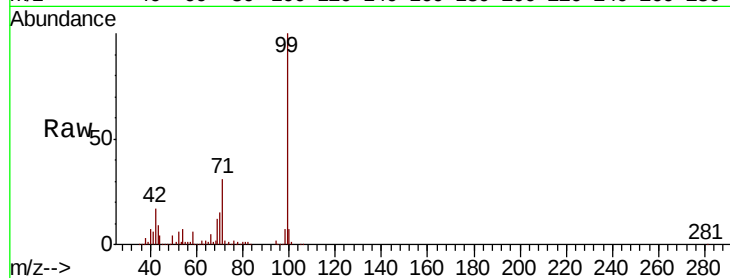
ClientSampleId :

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Tot Ion:	99	Resp:	654181
Ion Ratio	Lower	Upper	
99	100		
42	16.8	13.8	20.6
71	31.2	25.5	38.3

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#8

2-Chlorophenol

Concen: 47.735 ng

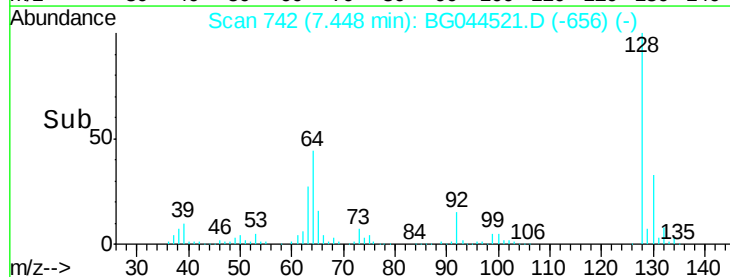
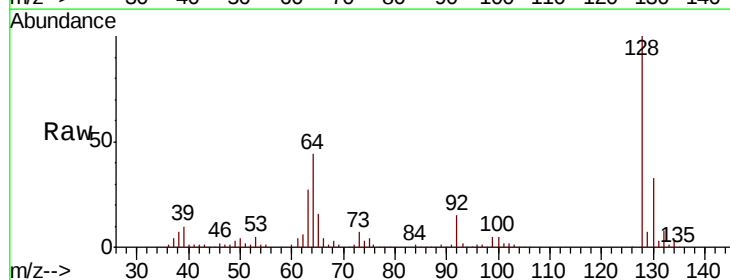
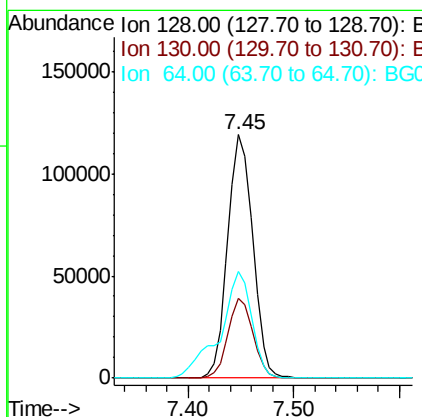
RT: 7.45 min Scan# 742

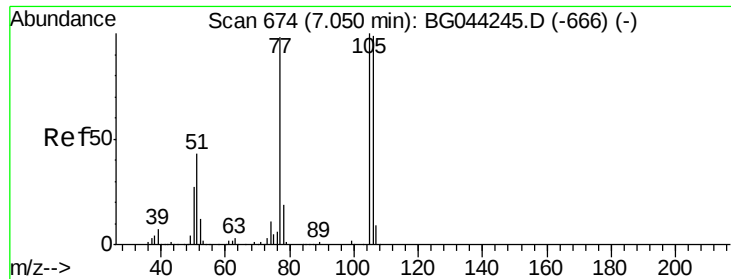
Delta R.T. -0.02 min

Lab File: BG044521.D

Acq: 20 Feb 2020 15:19

Tgt Ion:	128	Resp:	196508
Ion Ratio	Lower	Upper	
128	100		
130	32.9	12.5	52.5
64	43.6	24.2	64.2





#9

Benzaldehyde

Concen: 27.793 ng

RT: 7.01 min Scan# 668

Delta R.T. -0.02 min

Lab File: BG044521.D

Acq: 20 Feb 2020 15:19

Instrument :

BNA_G

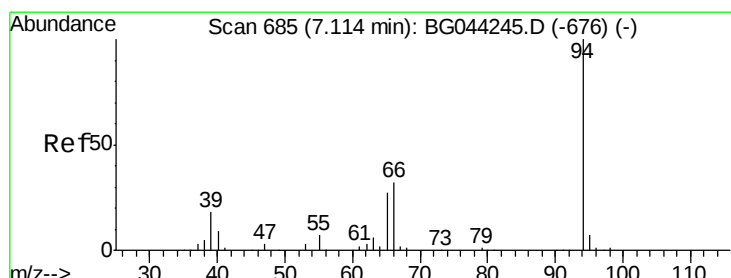
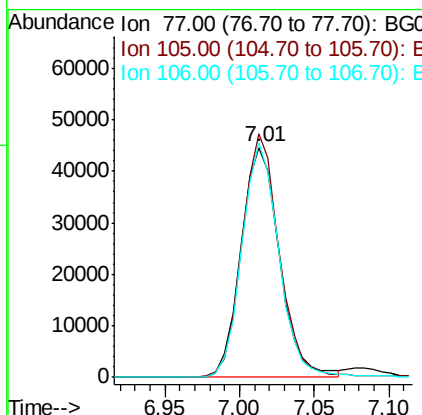
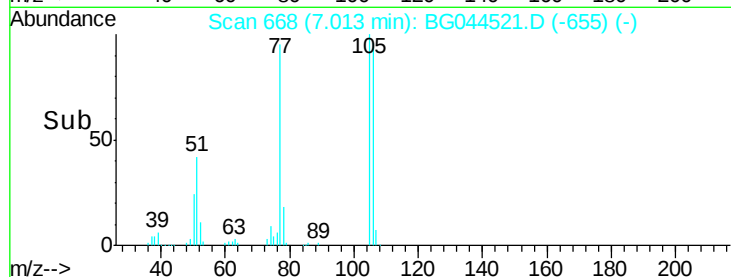
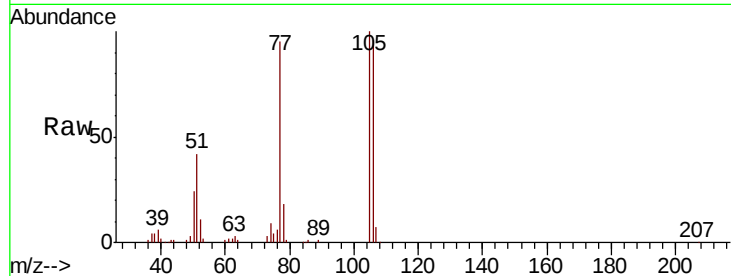
ClientSampleId :

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Tot Ion:	77	Resp:	79620
Ion	Ratio	Lower	Upper
77	100		
105	105.8	82.0	122.0
106	101.8	80.7	120.7

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#10

Phenol

Concen: 48.433 ng

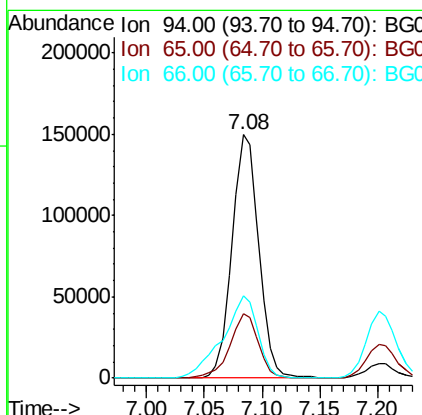
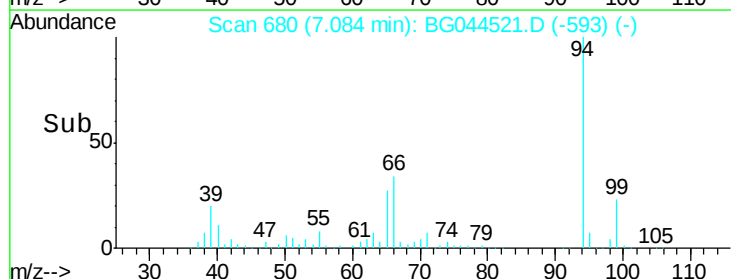
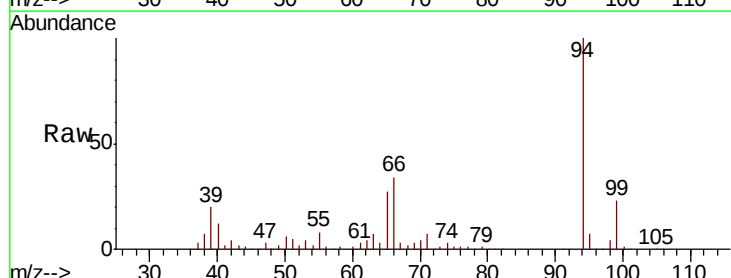
RT: 7.08 min Scan# 680

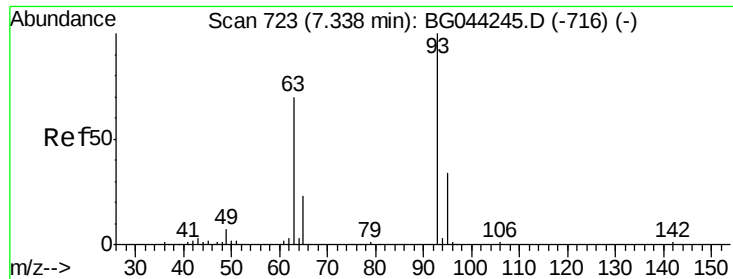
Delta R.T. -0.02 min

Lab File: BG044521.D

Acq: 20 Feb 2020 15:19

Tgt Ion:	94	Resp:	241098
Ion	Ratio	Lower	Upper
94	100		
65	26.5	7.0	47.0
66	34.0	12.7	52.7





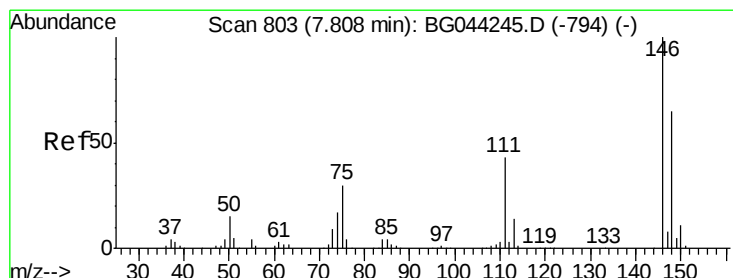
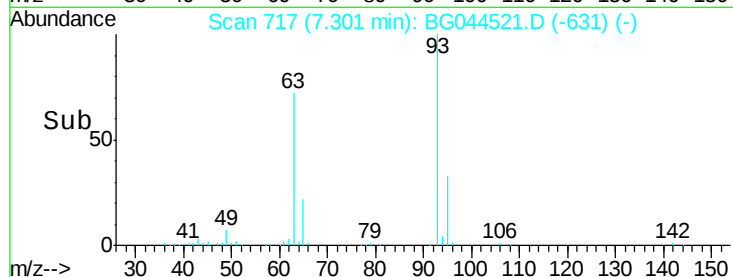
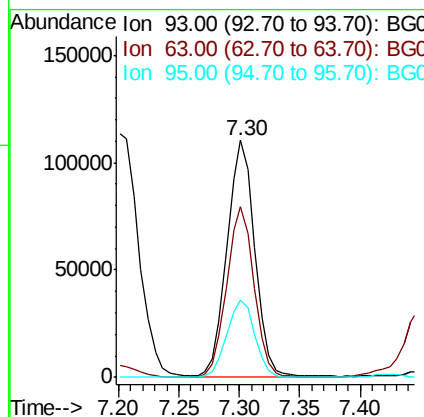
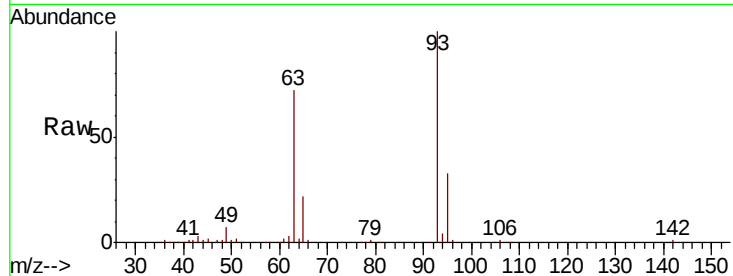
#11
bis(2-Chloroethyl)ether
Concen: 41.609 ng
RT: 7.30 min Scan# 717
Delta R.T. -0.02 min
Lab File: BG044521.D
Acq: 20 Feb 2020 15:19

Instrument :
BNA_G
ClientSampled :
PB126886BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	72.3	49.2	89.2
95	32.7	13.6	53.6

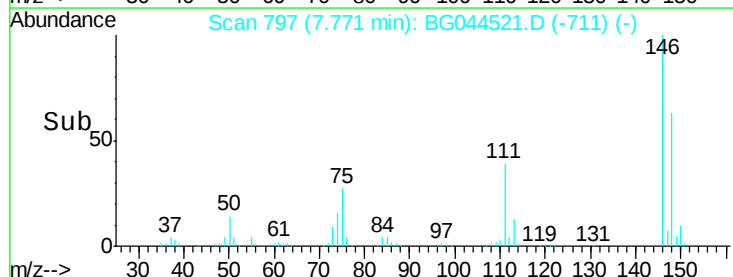
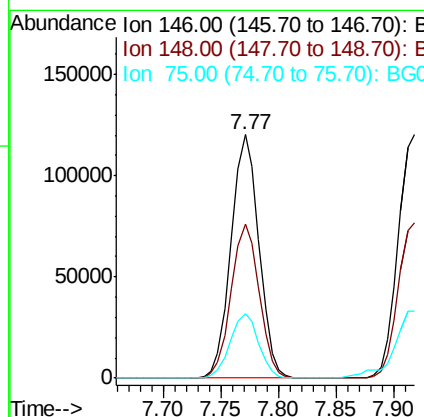
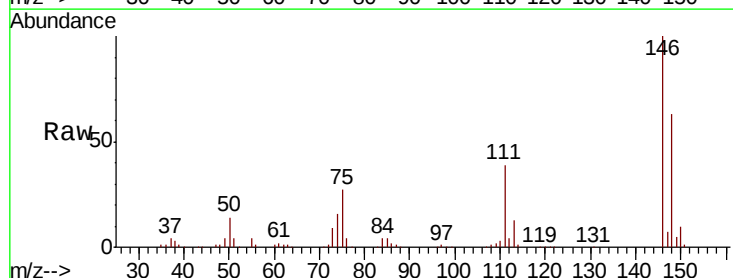
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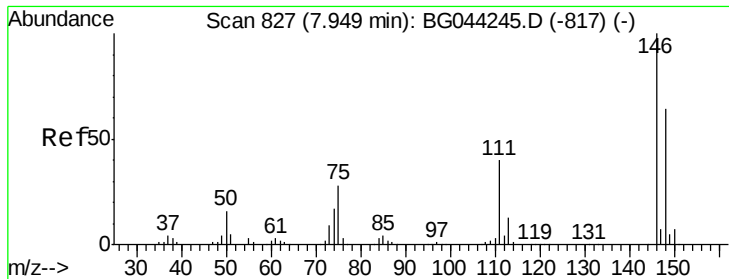
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#12
1,3-Dichlorobenzene
Concen: 40.877 ng
RT: 7.77 min Scan# 797
Delta R.T. -0.02 min
Lab File: BG044521.D
Acq: 20 Feb 2020 15:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.8	77.8
75	26.6	23.7	35.5





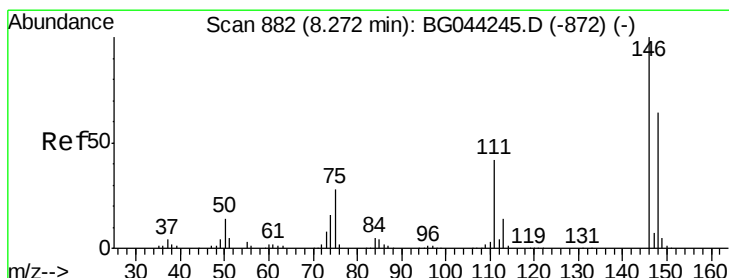
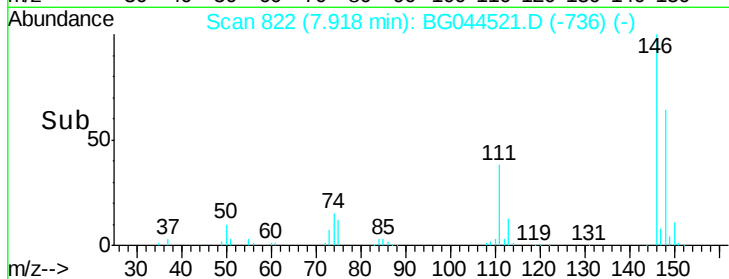
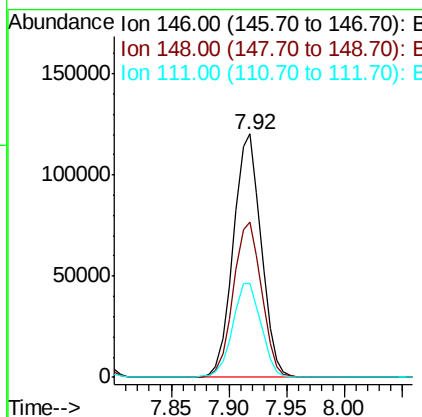
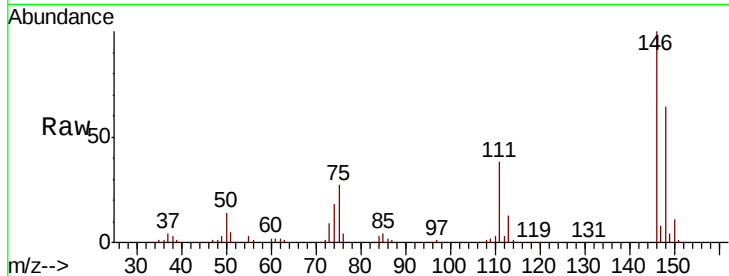
#13
 1,4-Dichlorobenzene
 Concen: 41.202 ng
 RT: 7.92 min Scan# 822
 Delta R.T. -0.02 min
 Lab File: BG044521.D
 Acq: 20 Feb 2020 15:19

Instrument :
 BNA_G
 ClientSampleId :
 PB126886BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.4	77.0
111	38.4	31.8	47.8

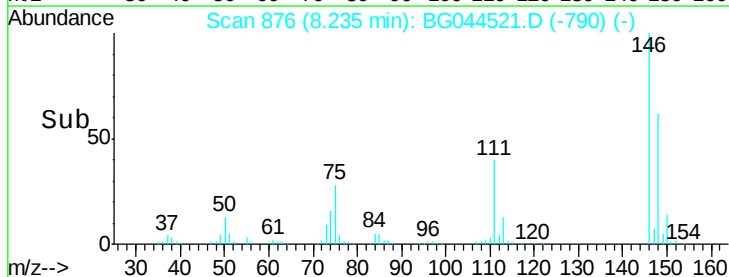
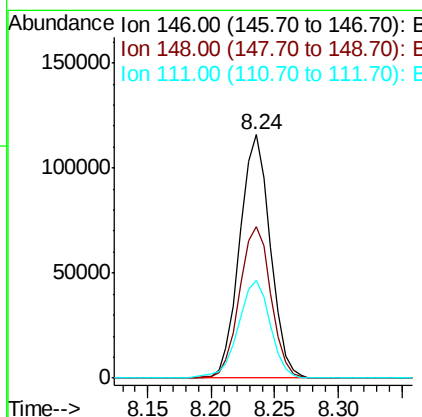
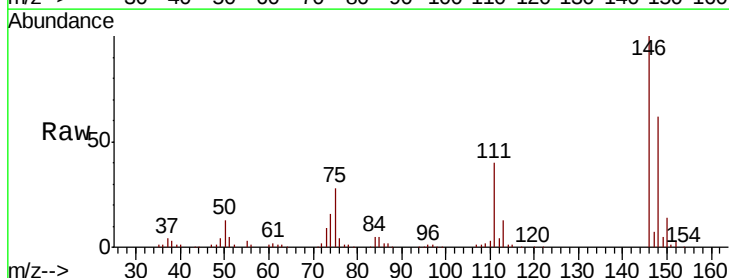
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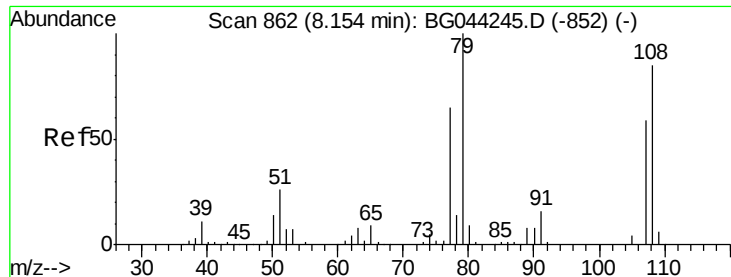
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#14
 1,2-Dichlorobenzene
 Concen: 42.141 ng
 RT: 8.24 min Scan# 876
 Delta R.T. -0.02 min
 Lab File: BG044521.D
 Acq: 20 Feb 2020 15:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.3	51.2	76.8
111	40.0	34.0	51.0





#15

Benzyl Alcohol

Concen: 44.837 ng

RT: 8.12 min Scan# 856

Delta R.T. -0.02 min

Lab File: BG044521.D

Acq: 20 Feb 2020 15:19

Instrument :

BNA_G

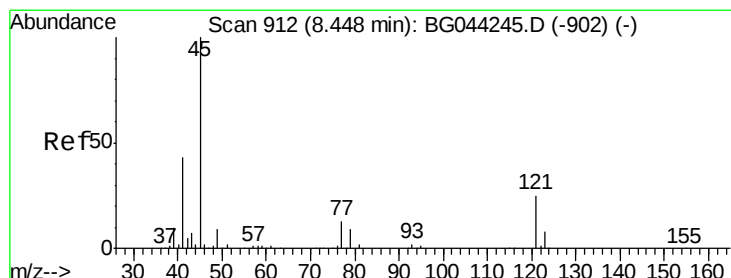
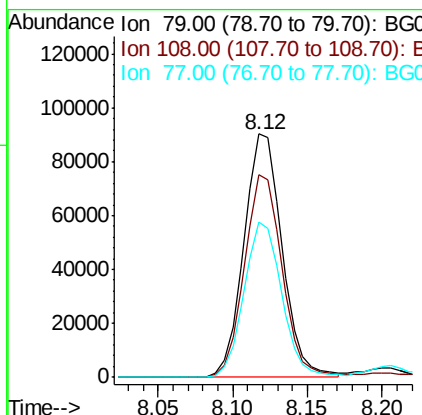
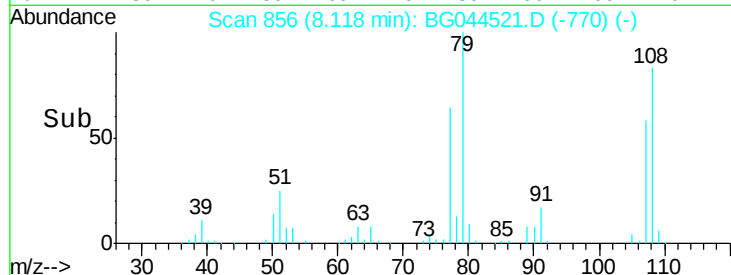
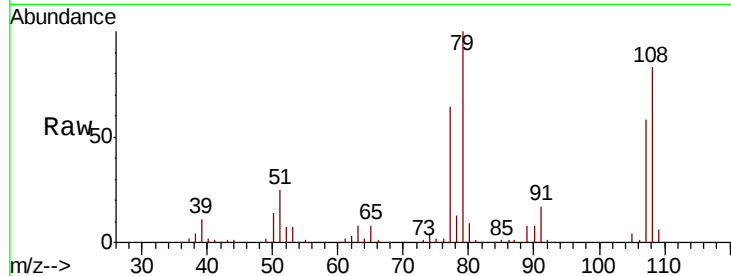
ClientSampleId :

PB126886BSD

Tot Ion	79	Resp	159668
Ion Ratio	Lower	Upper	
79	100		
108	83.1	68.3	102.5
77	63.7	51.8	77.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 39.495 ng

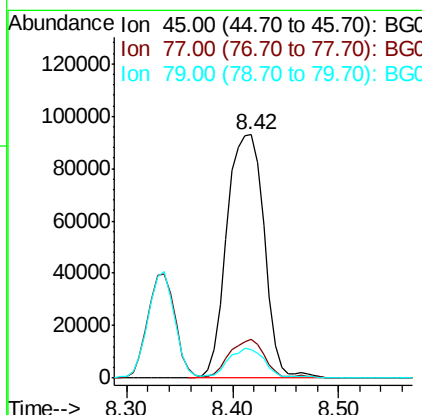
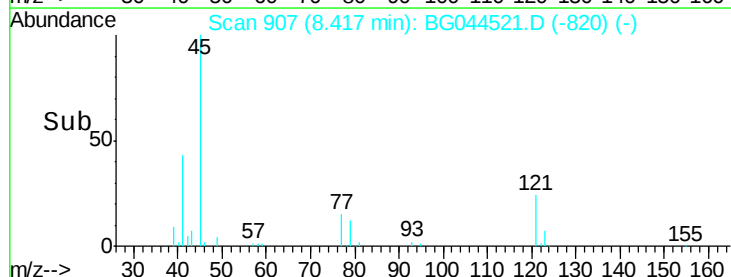
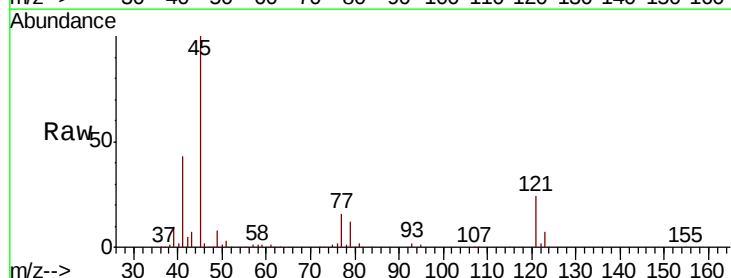
RT: 8.42 min Scan# 907

Delta R.T. -0.02 min

Lab File: BG044521.D

Acq: 20 Feb 2020 15:19

Tgt Ion	45	Resp	227496
Ion Ratio	Lower	Upper	
45	100		
77	15.8	0.0	35.2
79	11.6	0.0	31.1





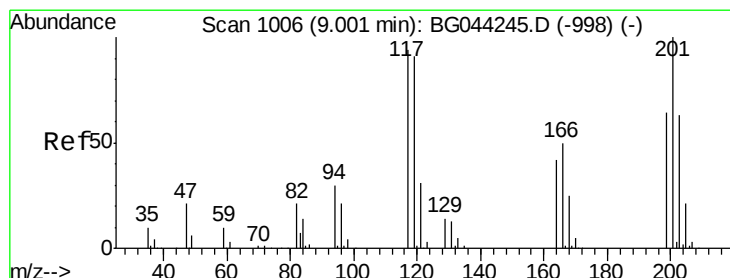
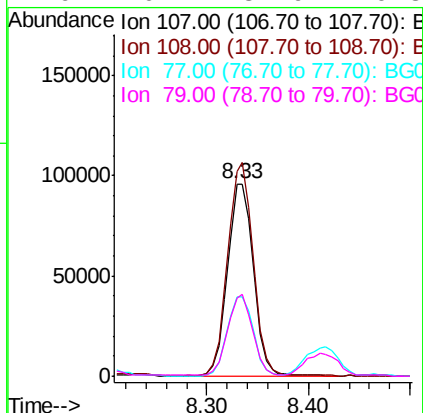
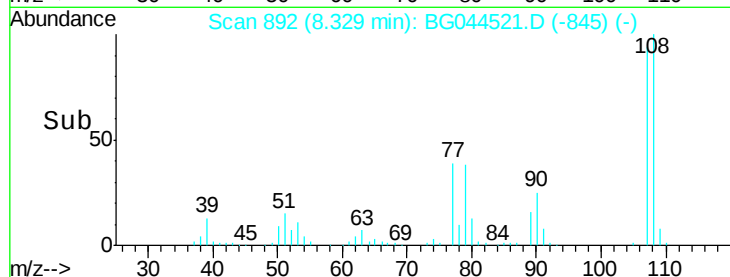
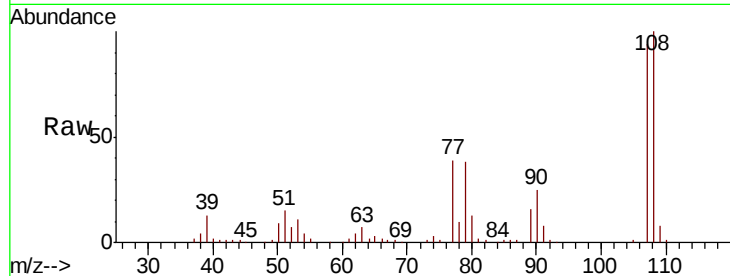
#17
2-Methylphenol
Concen: 48.162 ng
RT: 8.33 min Scan# 892
Delta R.T. -0.02 min
Lab File: BG044521.D
Acq: 20 Feb 2020 15:19

Instrument :
BNA_G
ClientSampleId :
PB126886BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	106.7	86.4	129.6	
77	41.1	34.0	51.0	
79	40.4	32.9	49.3	

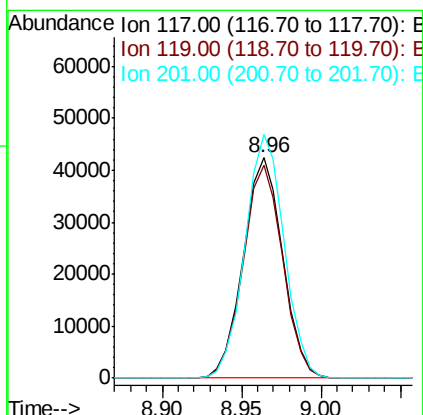
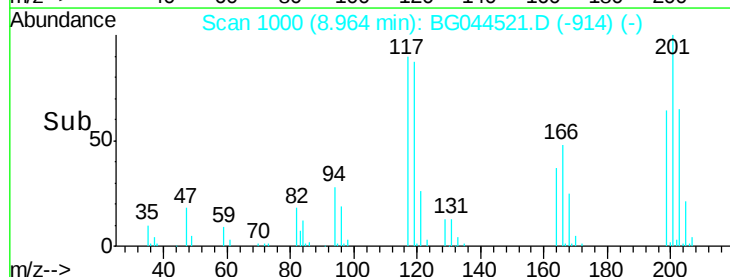
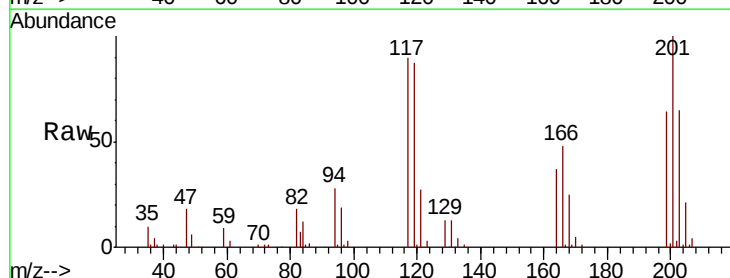
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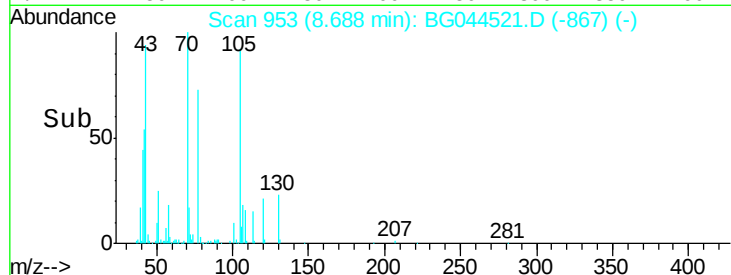
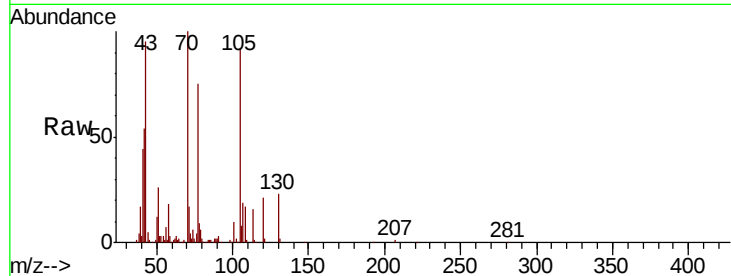
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#18
Hexachloroethane
Concen: 40.138 ng
RT: 8.96 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BG044521.D
Acq: 20 Feb 2020 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.7	77.5	116.3	
201	110.5	84.9	127.3	





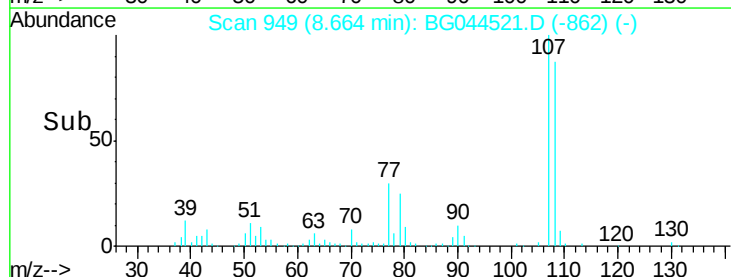
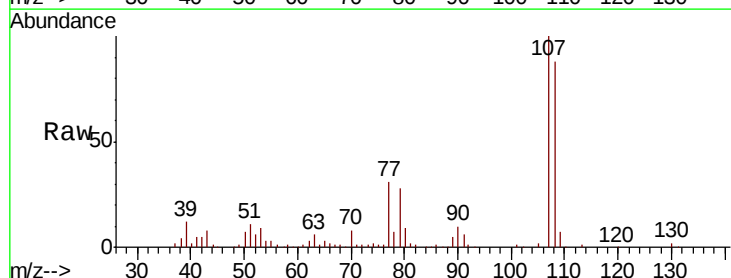
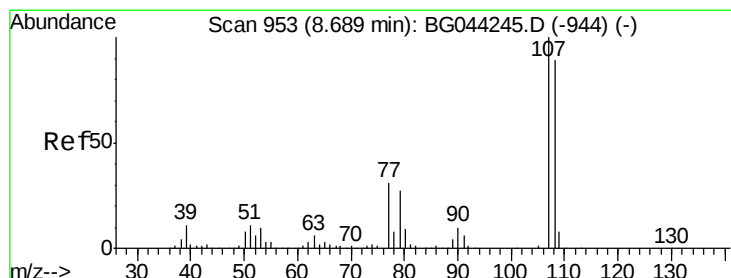
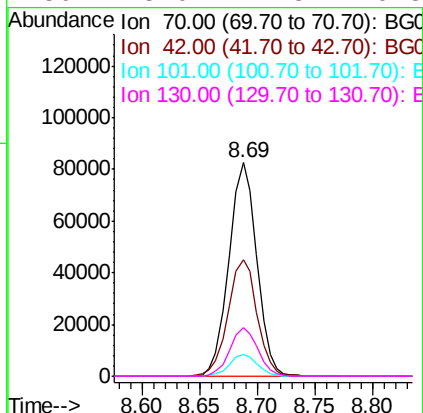
#19
n-Nitroso-di-n-propylamine
Concen: 41.216 ng
RT: 8.69 min Scan# 953
Delta R.T. -0.02 min
Lab File: BG044521.D
Acq: 20 Feb 2020 15:19

Instrument :
BNA_G
ClientSampleId :
PB126886BSD

Manual Integrations
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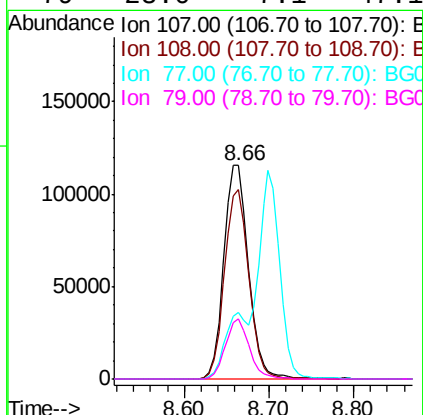
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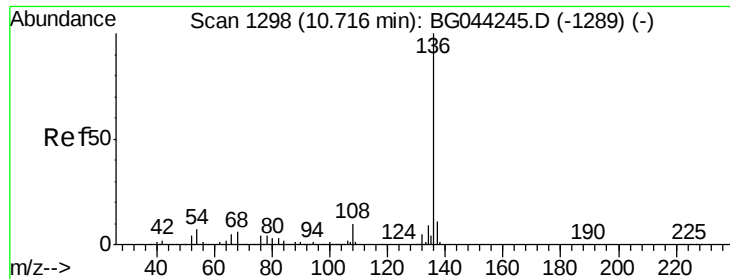
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.4	46.2	69.2	
101	10.2	8.4	12.6	
130	23.0	17.8	26.8	



#20
3+4-Methylphenols
Concen: 47.546 ng
RT: 8.66 min Scan# 949
Delta R.T. -0.02 min
Lab File: BG044521.D
Acq: 20 Feb 2020 15:19

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.4	68.5	108.5	
77	31.2	10.9	50.9	
79	28.0	7.1	47.1	





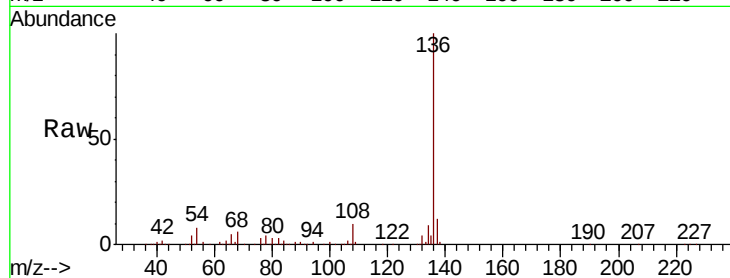
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.68 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BG044521.D
Acq: 20 Feb 2020 15:19

Instrument :
BNA_G
ClientSampleId :
PB126886BSD

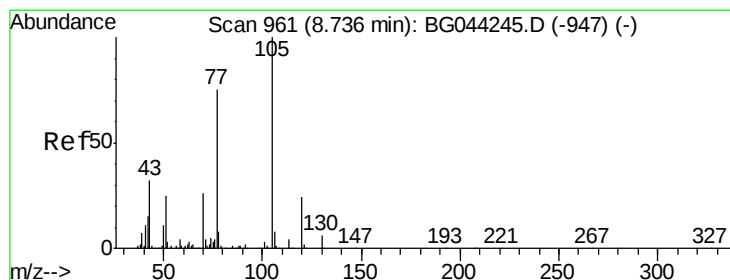
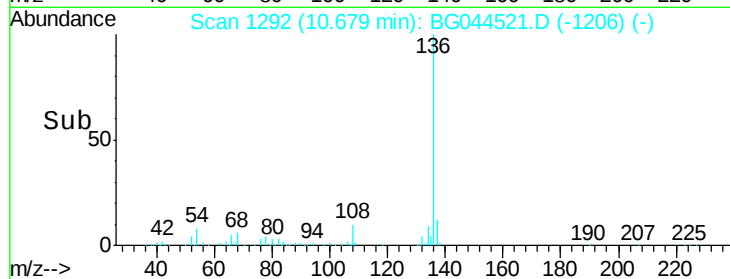
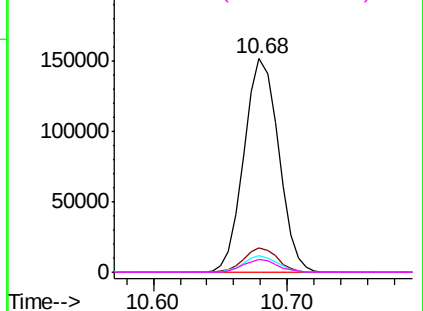
Tot Ion	Ratio	Resp	Lower	Upper
136	100	272106		
137	11.5		8.8	13.2
54	7.6		5.8	8.8
68	5.9		4.6	6.8

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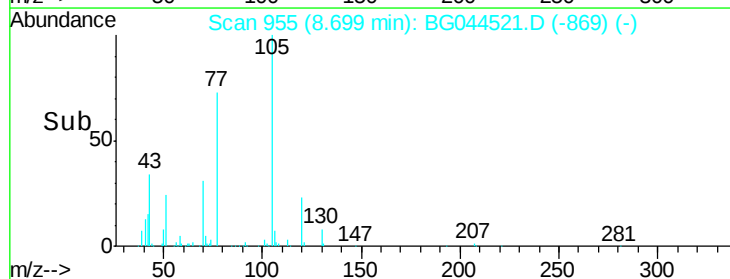
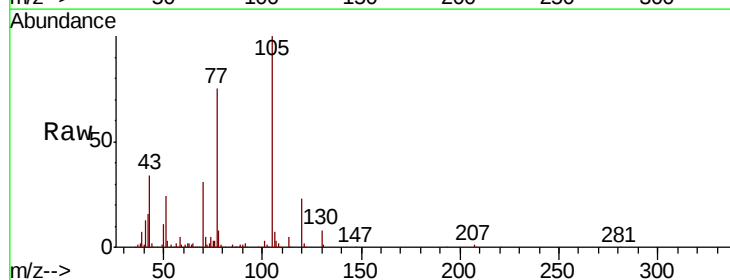
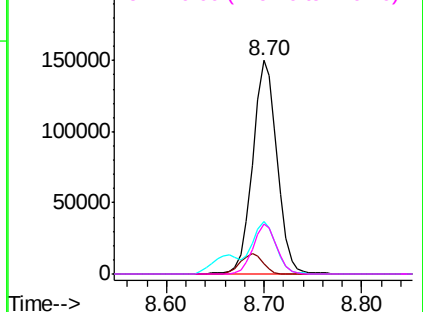
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

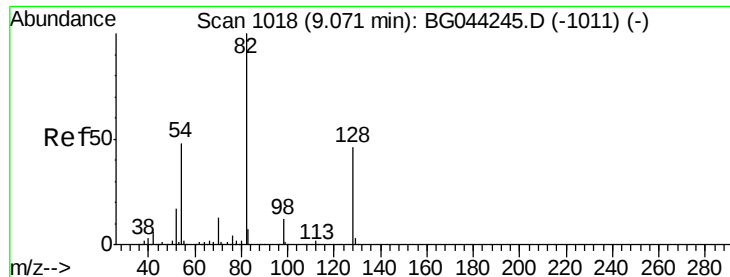


#22
Acetophenone
Concen: 39.909 ng
RT: 8.70 min Scan# 955
Delta R.T. -0.02 min
Lab File: BG044521.D
Acq: 20 Feb 2020 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	264180		
71	4.8		3.4	5.0
51	24.4		20.2	30.4
120	23.3		19.1	28.7

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E





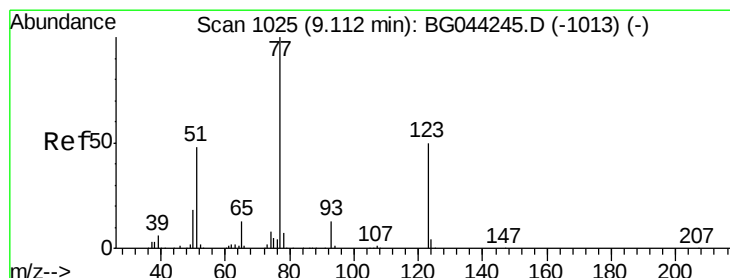
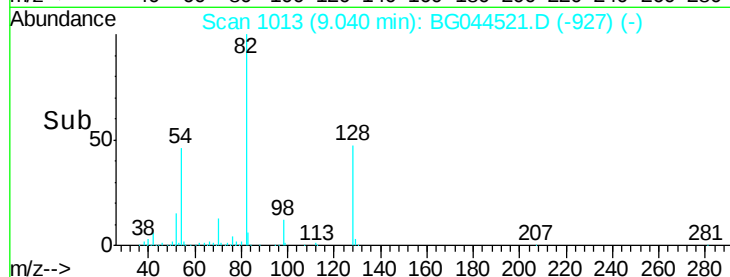
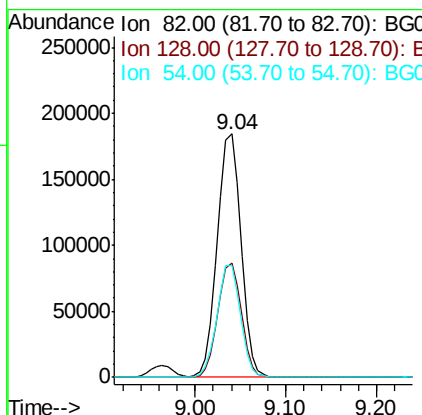
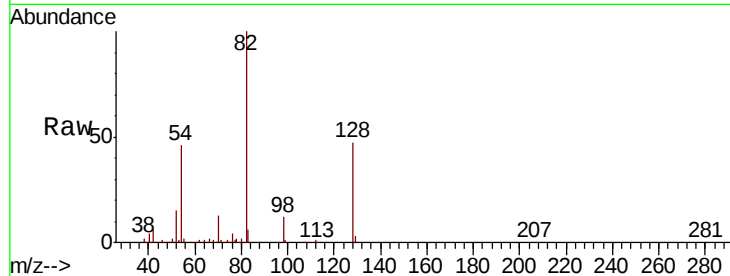
#23
 Nitrobenzene-d5
 Concen: 69.879 ng
 RT: 9.04 min Scan# 1013
 Delta R.T. -0.02 min
 Lab File: BG044521.D
 Acq: 20 Feb 2020 15:19

Instrument :
 BNA_G
 ClientSampleID :
 PB126886BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.8	36.5	54.7
54	45.7	38.6	58.0

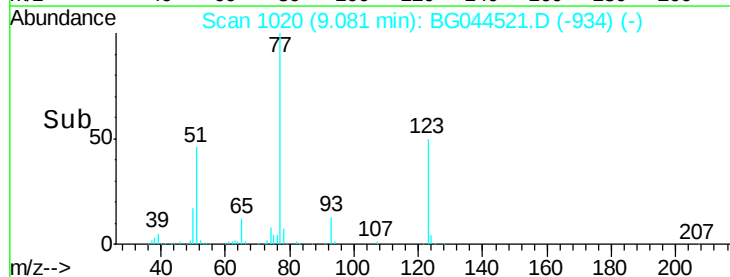
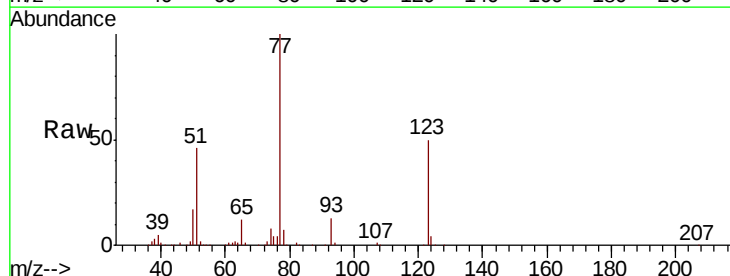
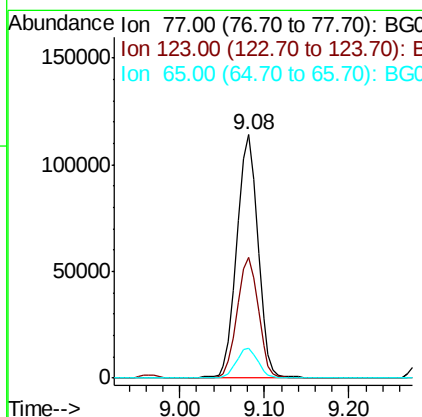
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#24
 Nitrobenzene
 Concen: 42.006 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.02 min
 Lab File: BG044521.D
 Acq: 20 Feb 2020 15:19

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.8	39.9	59.9
65	12.5	10.4	15.6





#25

Isophorone

Concen: 42.647 ng

RT: 9.60 min Scan# 1109

Delta R.T. -0.03 min

Lab File: BG044521.D

Acq: 20 Feb 2020 15:19

Instrument :

BNA_G

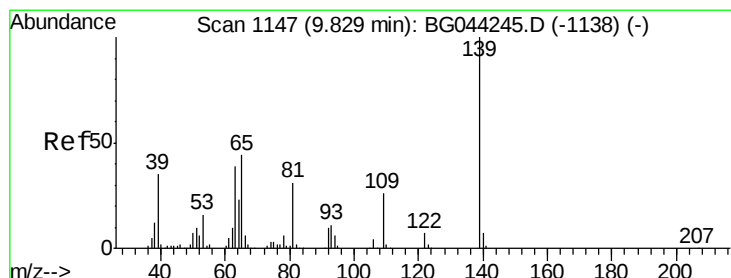
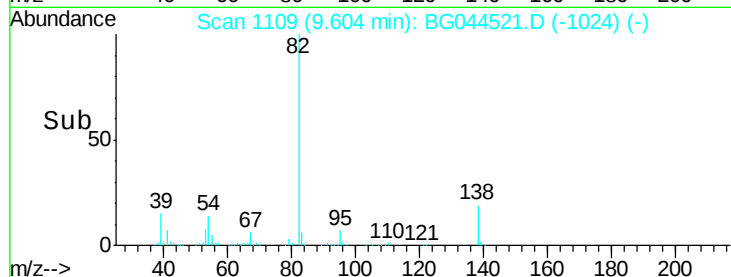
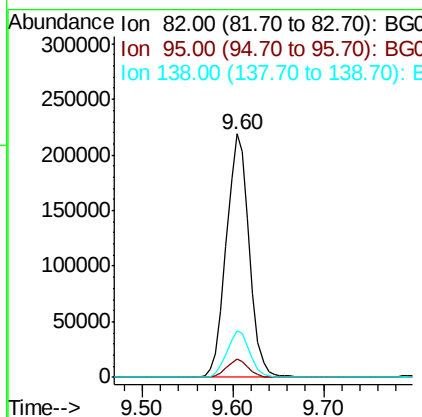
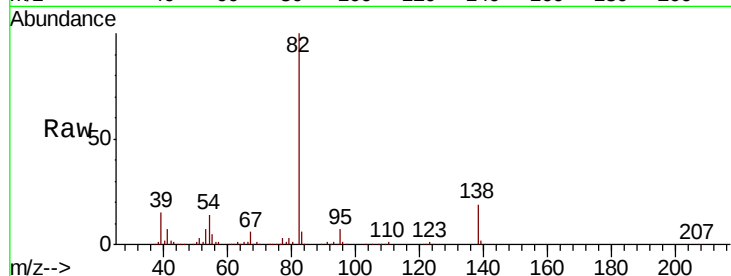
ClientSampleId :

PB126886BSD

Tot Ion:	82	Resp:	383114
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.7	8.5
138	18.9	15.0	22.4

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#26

2-Nitrophenol

Concen: 46.039 ng

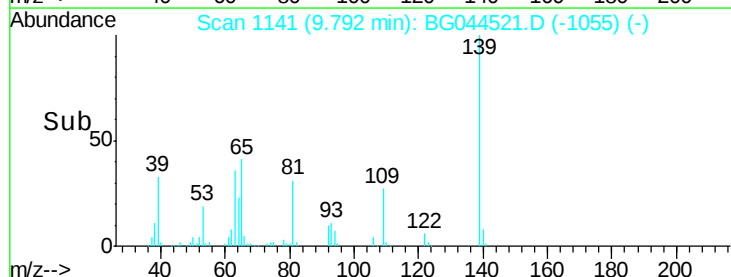
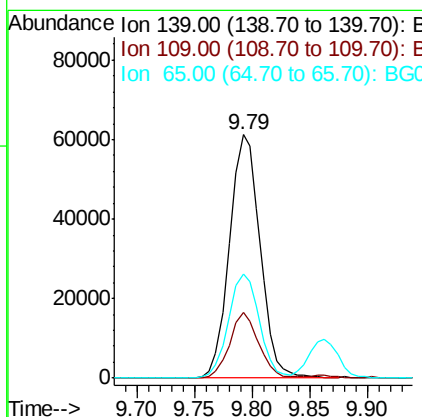
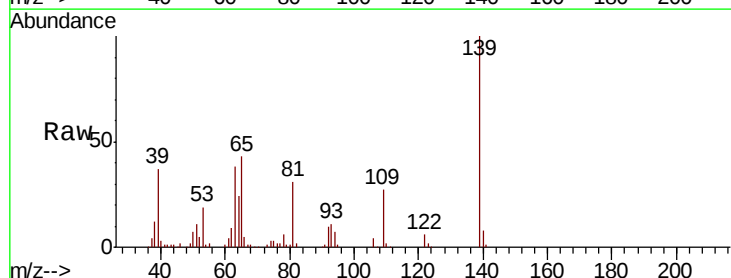
RT: 9.79 min Scan# 1141

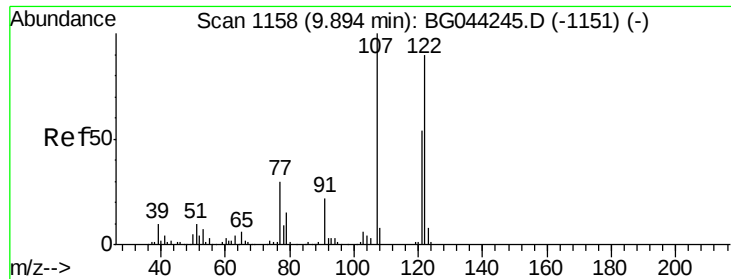
Delta R.T. -0.02 min

Lab File: BG044521.D

Acq: 20 Feb 2020 15:19

Tgt Ion:	139	Resp:	112406
Ion Ratio	Lower	Upper	
139	100		
109	27.2	21.0	31.4
65	42.6	35.0	52.4





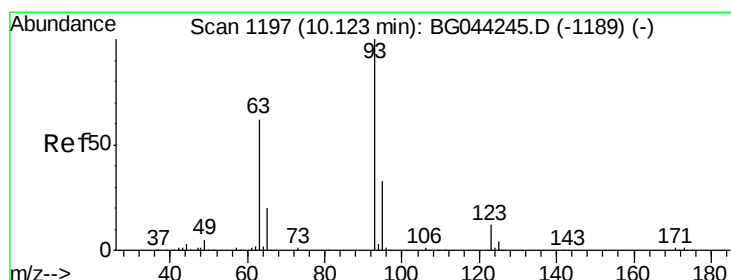
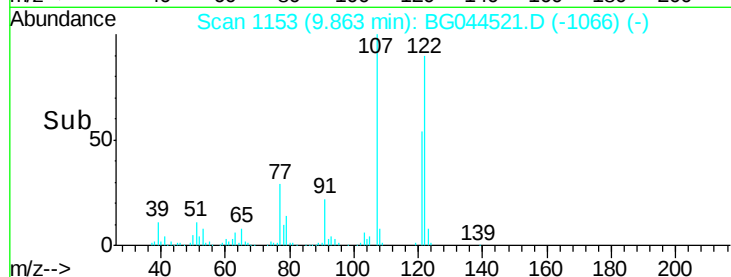
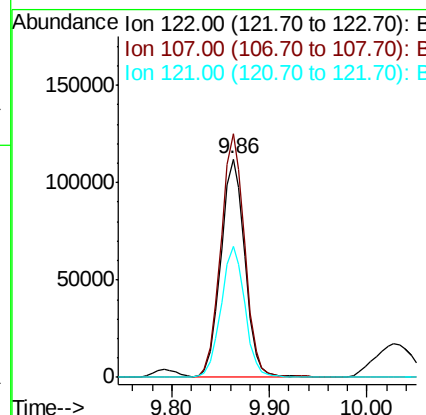
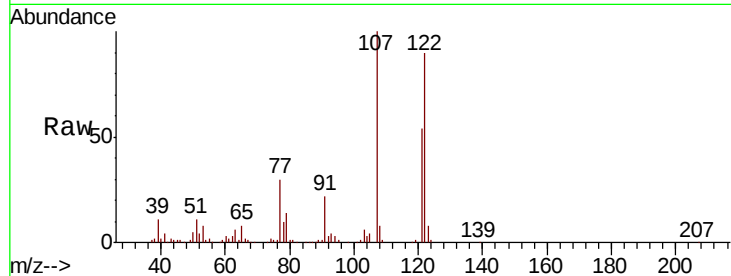
#27
2,4-Dimethylphenol
Concen: 55.633 ng
RT: 9.86 min Scan# 1153
Delta R.T. -0.02 min
Lab File: BG044521.D
Acq: 20 Feb 2020 15:19

Instrument :
BNA_G
ClientSampleId :
PB126886BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	191735		
107	111.5	88.8	133.2	
121	60.2	48.3	72.5	

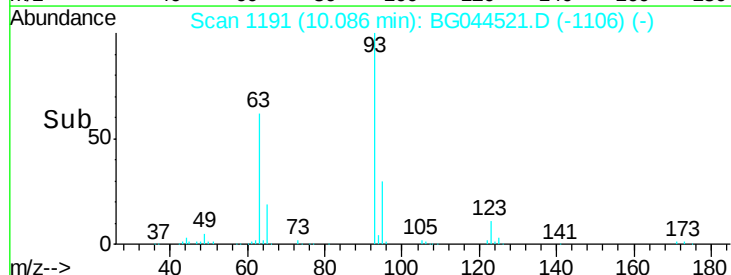
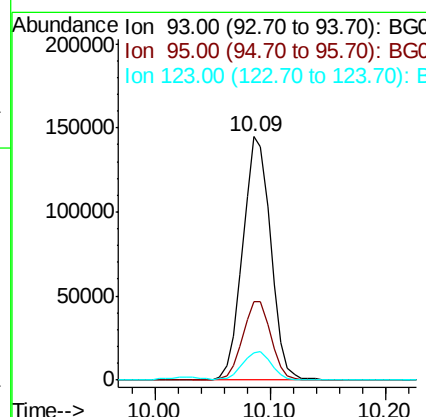
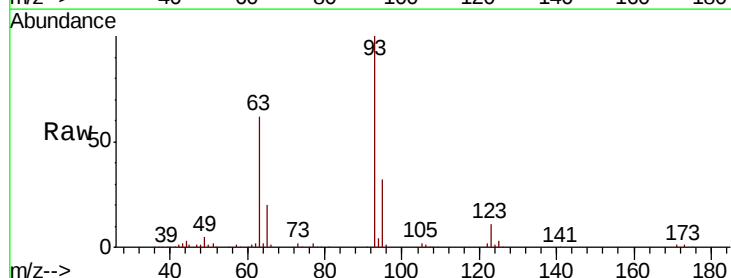
Manual Integrations
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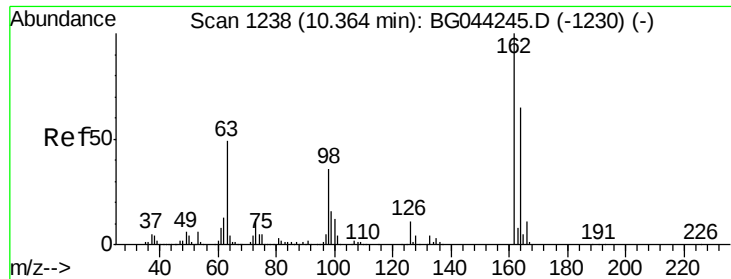
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 40.554 ng
RT: 10.09 min Scan# 1191
Delta R.T. -0.03 min
Lab File: BG044521.D
Acq: 20 Feb 2020 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	243034		
95	32.5	26.6	40.0	
123	11.4	10.0	15.0	





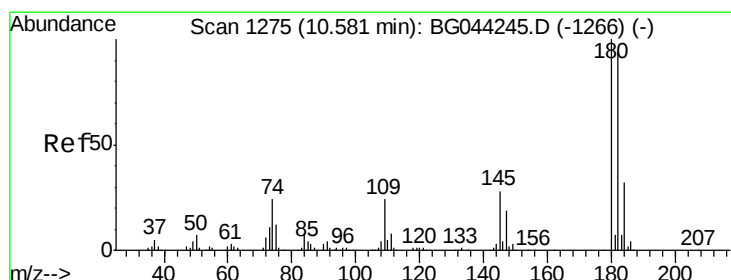
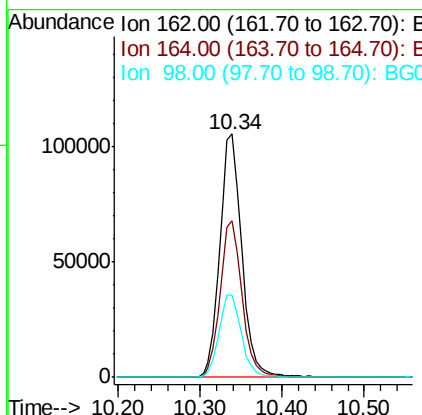
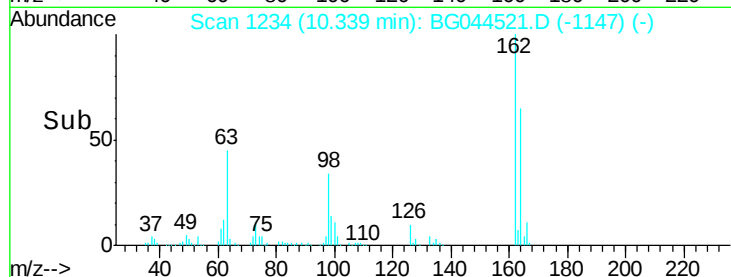
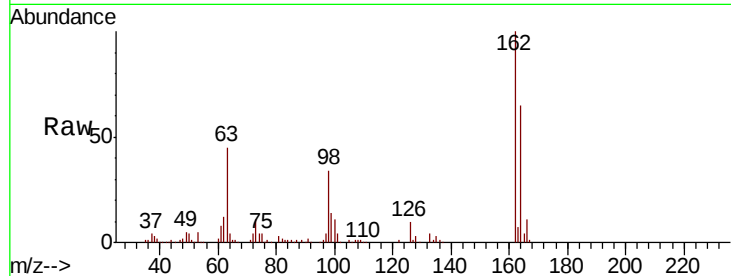
#29
2,4-Dichlorophenol
Concen: 47.591 ng
RT: 10.34 min Scan# 1234
Delta R.T. -0.02 min
Lab File: BG044521.D
Acq: 20 Feb 2020 15:19

Instrument :
BNA_G
ClientSampleId :
PB126886BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	198328		
164	64.5	44.7	84.7	
98	34.0	15.8	55.8	

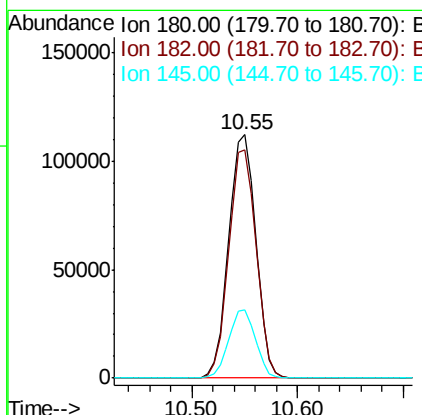
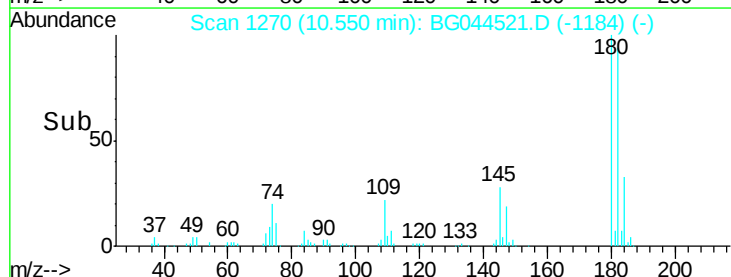
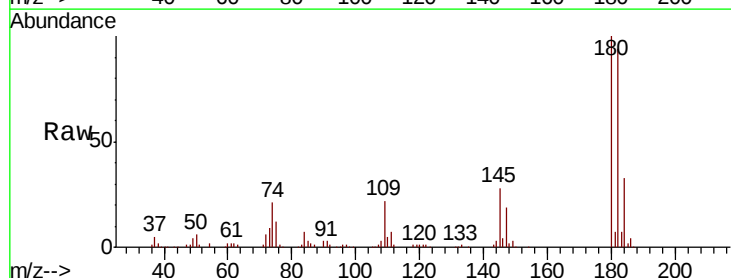
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#30
1,2,4-Trichlorobenzene
Concen: 41.681 ng
RT: 10.55 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BG044521.D
Acq: 20 Feb 2020 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	199173		
182	93.6	75.5	113.3	
145	28.2	22.6	34.0	





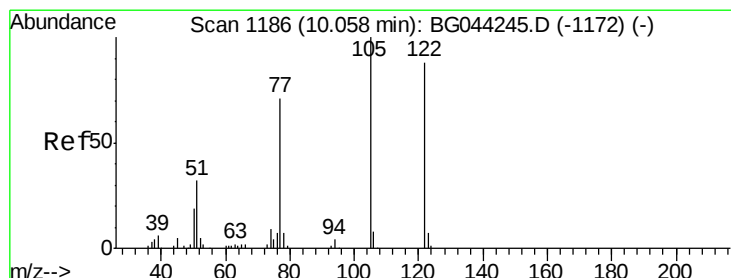
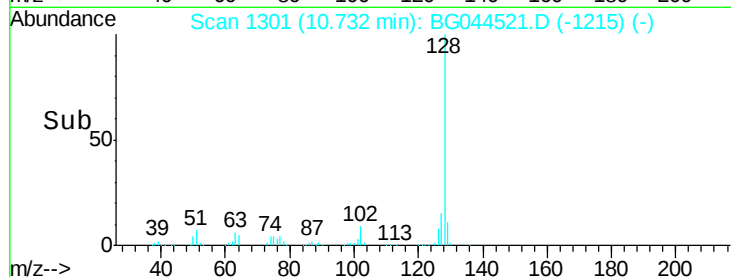
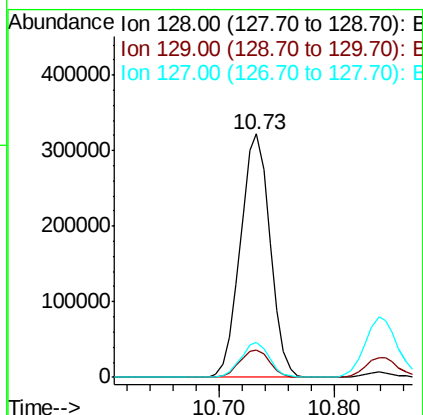
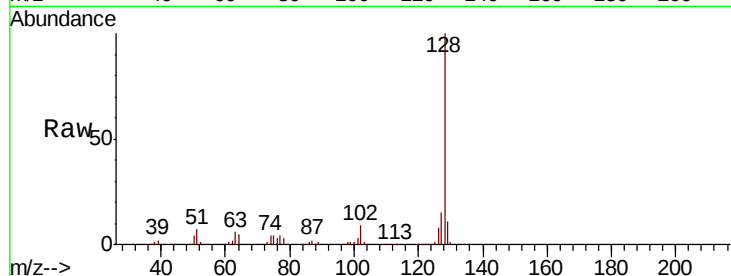
#31
Naphthalene
Concen: 43.569 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BG044521.D
Acq: 20 Feb 2020 15:19

Instrument :
BNA_G
ClientSampleId :
PB126886BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.3	13.9
127	14.5	11.6	17.4

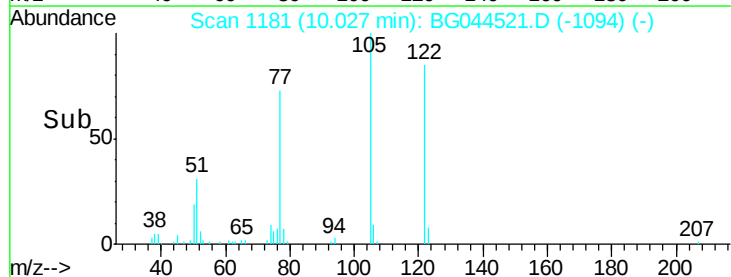
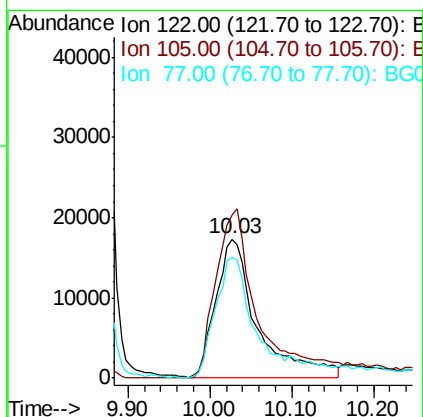
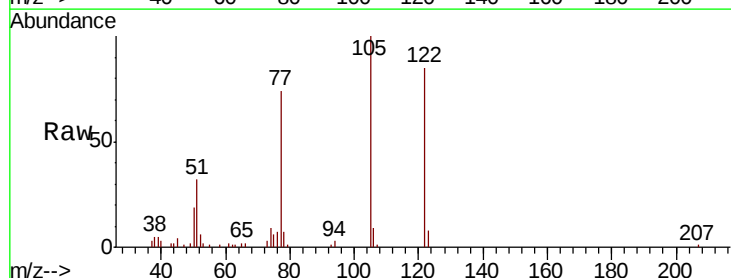
Manual Integrations
APPROVED

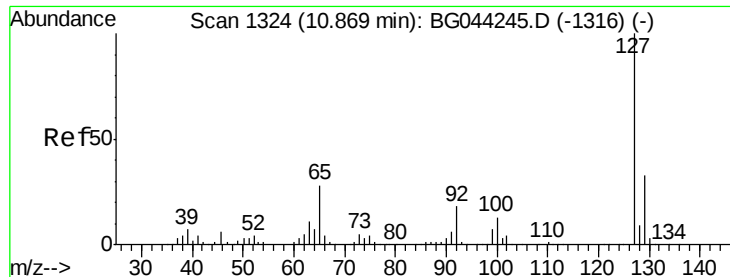
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#32
Benzoic acid
Concen: 33.338 ng
RT: 10.03 min Scan# 1181
Delta R.T. -0.02 min
Lab File: BG044521.D
Acq: 20 Feb 2020 15:19

Tgt Ion	Ratio	Lower	Upper
122	100		
105	117.4	93.5	133.5
77	87.0	61.0	101.0





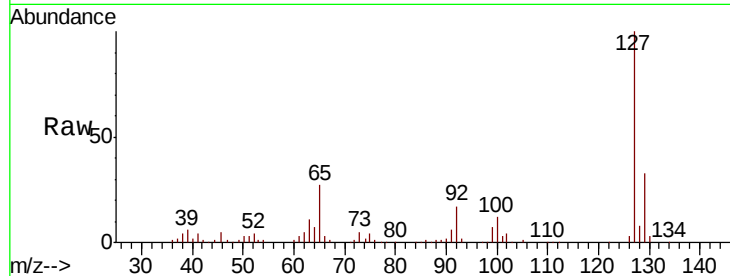
#33
4-Chloroaniline
Concen: 26.779 ng
RT: 10.84 min Scan# 1319
Delta R.T. -0.02 min
Lab File: BG044521.D
Acq: 20 Feb 2020 15:19

Instrument :
BNA_G
ClientSampleId :
PB126886BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.8	26.6	40.0	
65	27.2	22.5	33.7	
92	16.9	14.1	21.1	

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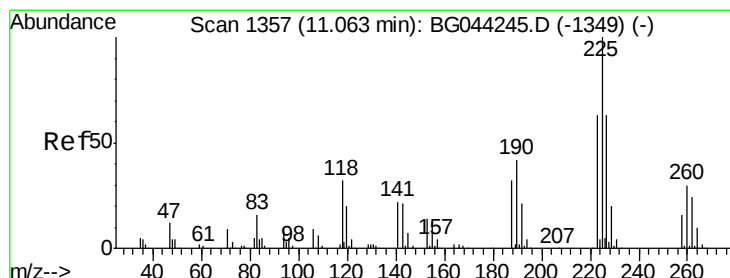
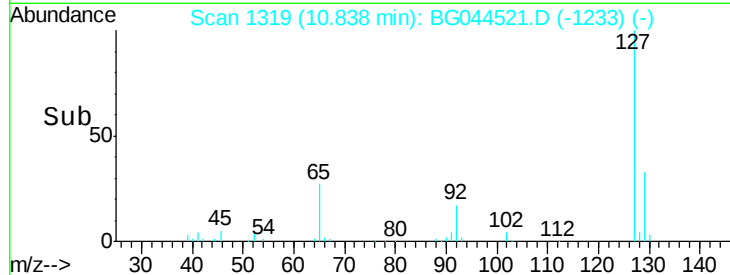
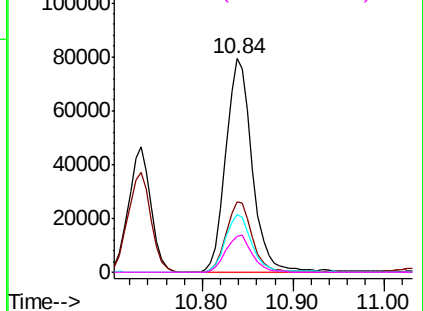
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

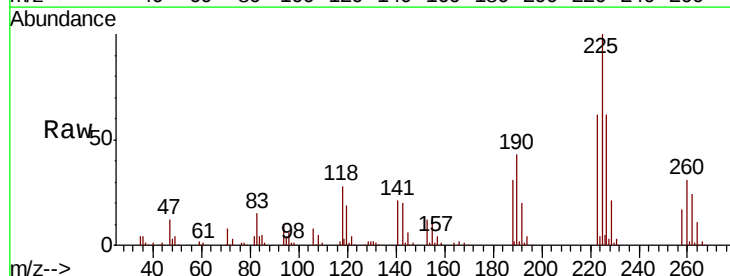
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 39.671 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BG044521.D
Acq: 20 Feb 2020 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.0	50.2	75.4	
227	61.7	50.8	76.2	

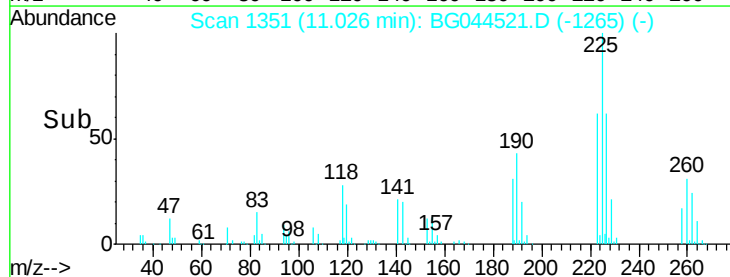
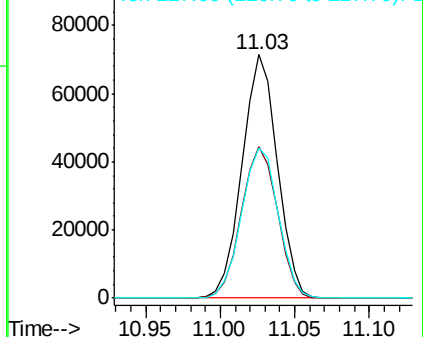


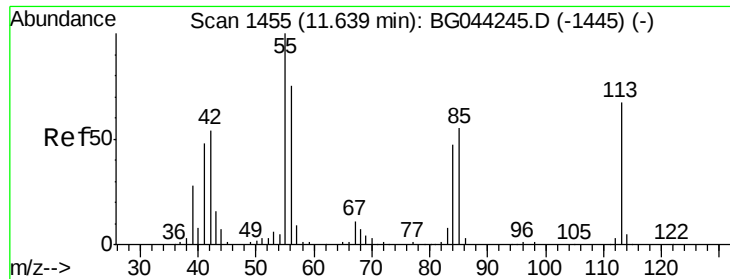
Abundance

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





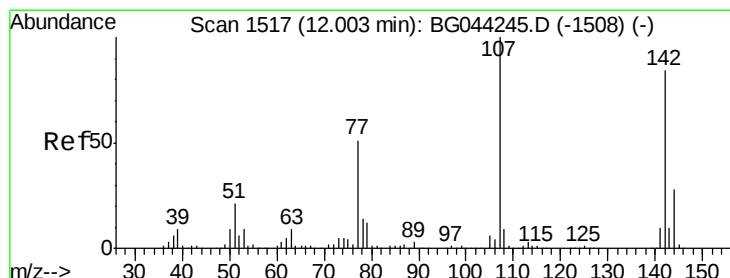
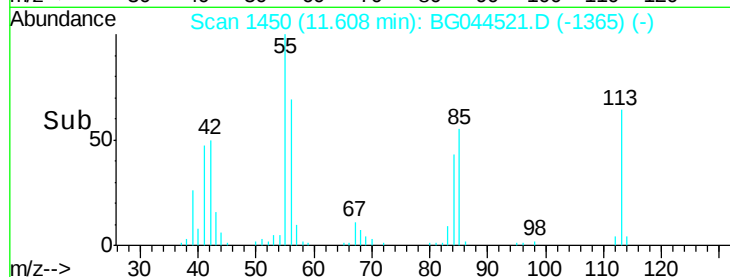
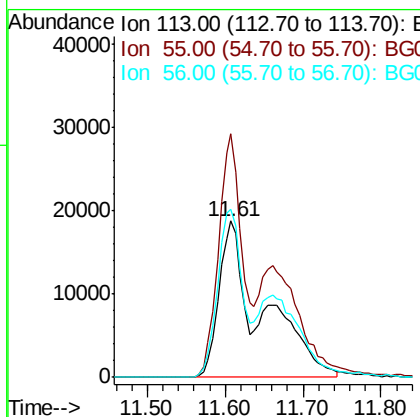
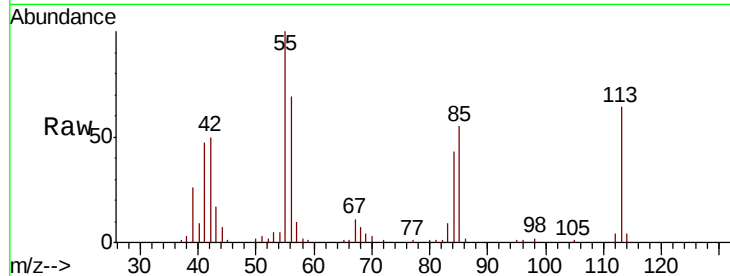
#35
Caprolactam
Concen: 46.680 ng/ml
RT: 11.61 min Scan# 1450
Delta R.T. -0.03 min
Lab File: BG044521.D
Acq: 20 Feb 2020 15:19

Instrument :
BNA_G
ClientSampleId :
PB126886BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	155.8	129.9	169.9
56	107.6	92.5	132.5

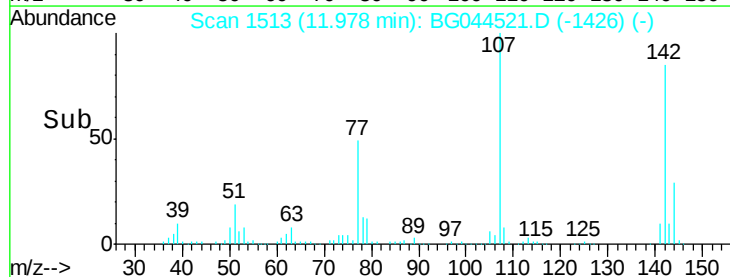
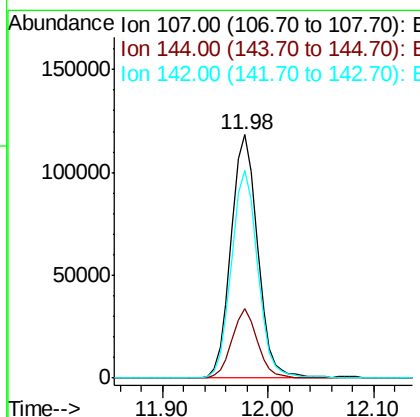
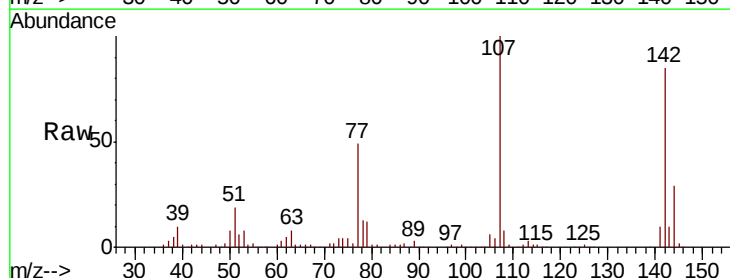
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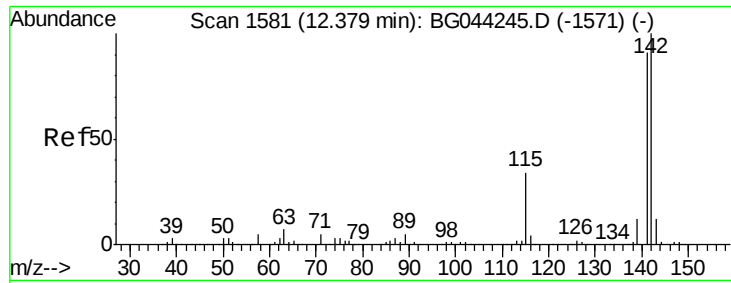
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#36
4-Chloro-3-methylphenol
Concen: 47.304 ng/ml
RT: 11.98 min Scan# 1513
Delta R.T. -0.02 min
Lab File: BG044521.D
Acq: 20 Feb 2020 15:19

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.6	22.2	33.4
142	85.2	67.4	101.0





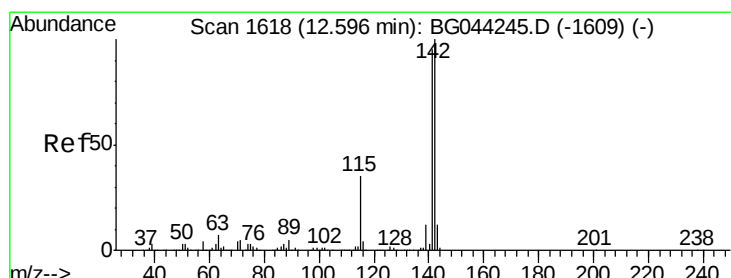
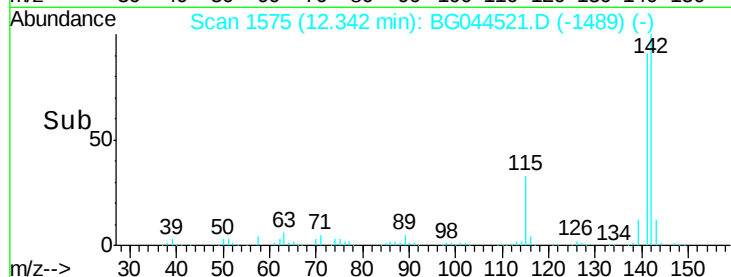
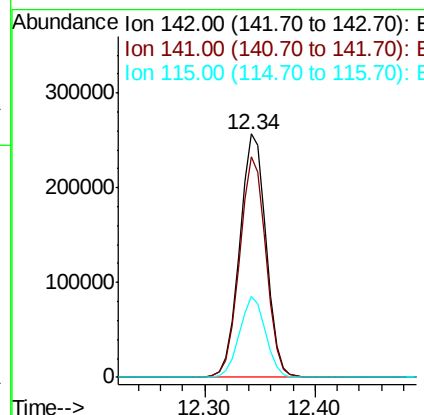
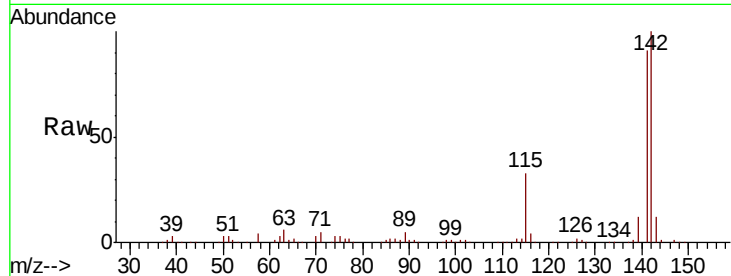
#37
2-Methylnaphthalene
Concen: 44.150 ng
RT: 12.34 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BG044521.D
Acq: 20 Feb 2020 15:19

Instrument :
BNA_G
ClientSampleId :
PB126886BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	73.2	109.8
115	33.4	27.1	40.7

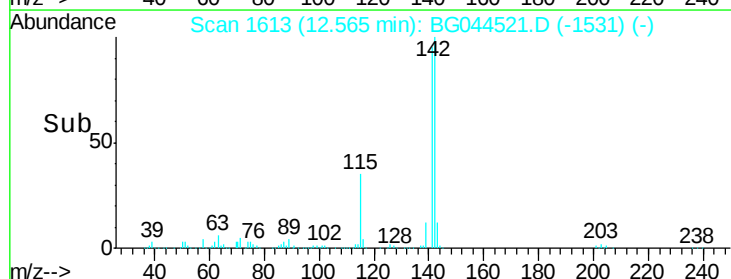
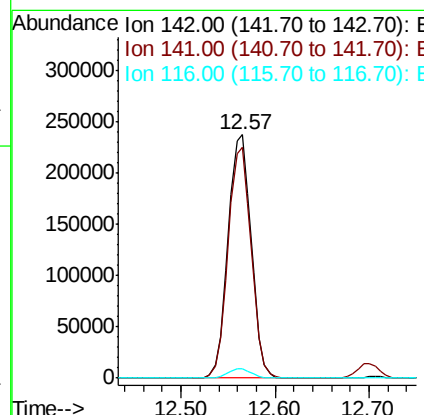
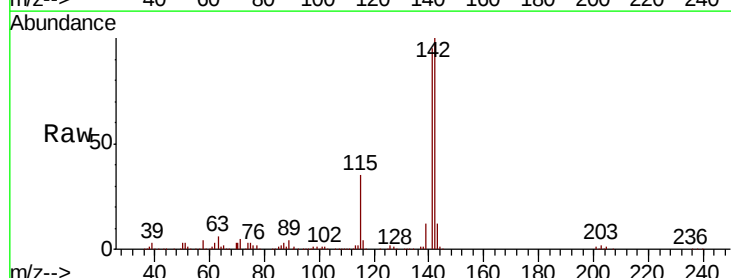
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#38
1-Methylnaphthalene
Concen: 44.037 ng
RT: 12.57 min Scan# 1613
Delta R.T. -0.02 min
Lab File: BG044521.D
Acq: 20 Feb 2020 15:19

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.0	75.8	113.6
116	3.6	3.1	4.7





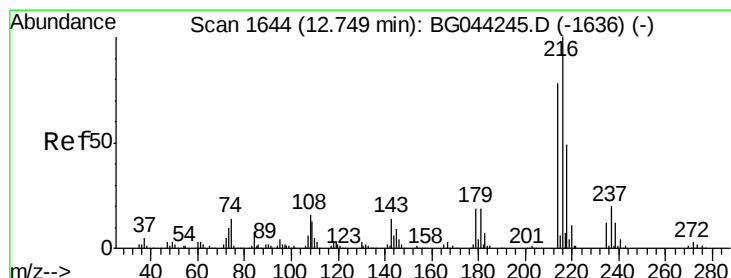
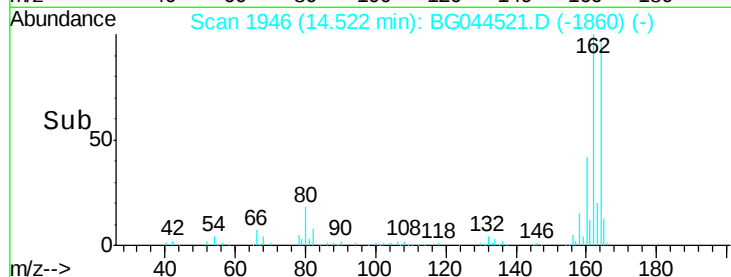
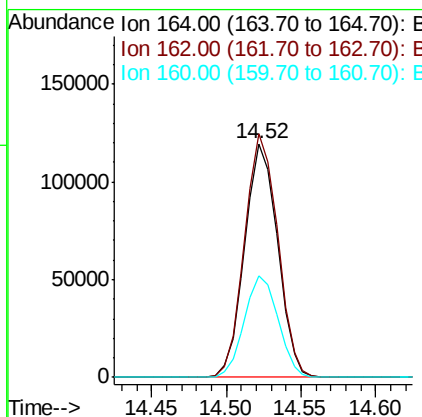
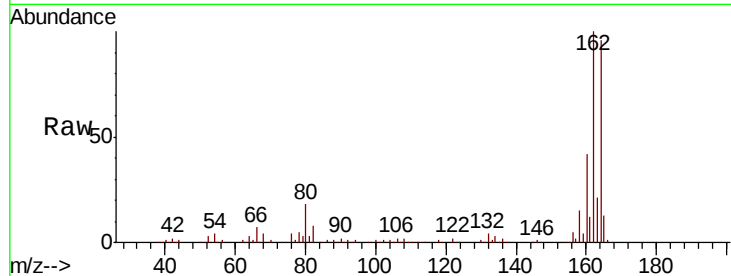
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.52 min Scan# 1946
Delta R.T. -0.02 min
Lab File: BG044521.D
Acq: 20 Feb 2020 15:19

Instrument :
BNA_G
ClientSampleId :
PB126886BSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.1	80.7	121.1	
160	43.5	35.3	52.9	

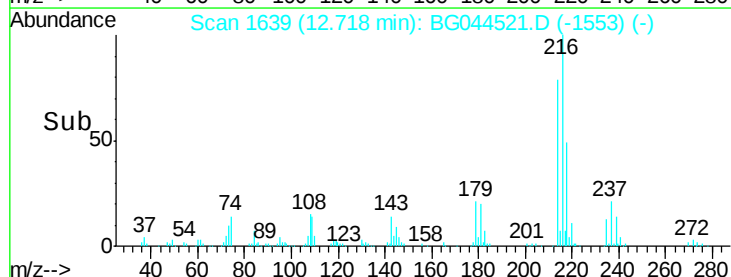
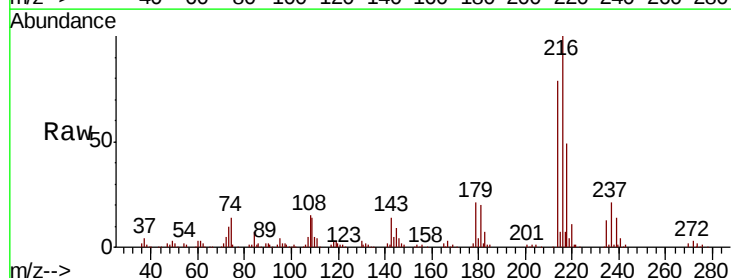
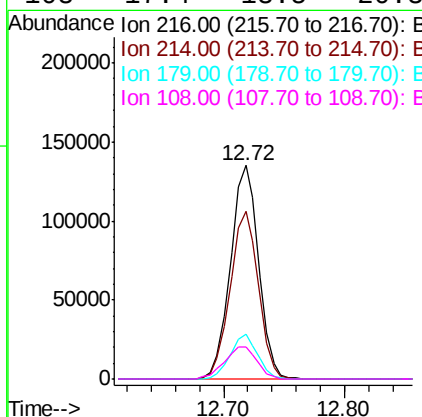
Manual Integrations
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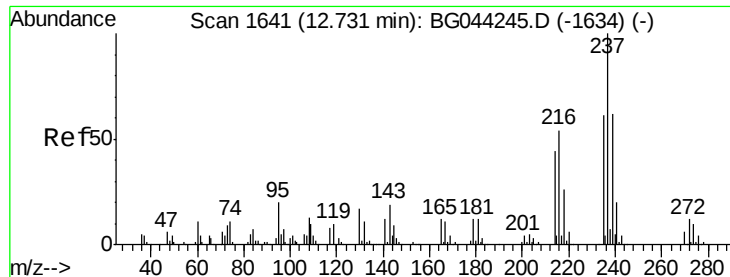
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.969 ng
RT: 12.72 min Scan# 1639
Delta R.T. -0.02 min
Lab File: BG044521.D
Acq: 20 Feb 2020 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.8	63.0	94.6	
179	20.3	16.2	24.4	
108	17.4	13.5	20.3	





#41

Hexachlorocyclopentadiene

Concen: 76.866 ng

RT: 12.70 min Scan# 1636

Delta R.T. -0.02 min

Lab File: BG044521.D

Acq: 20 Feb 2020 15:19

Instrument :

BNA_G

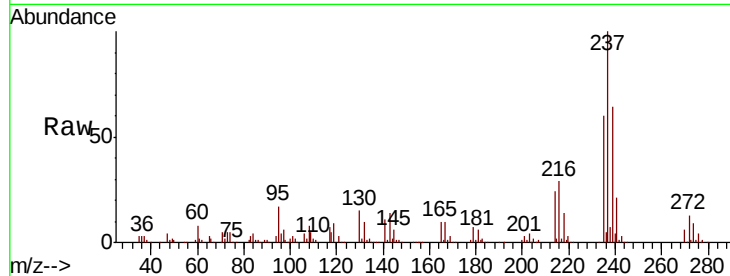
ClientSampleId :

PB126886BSD

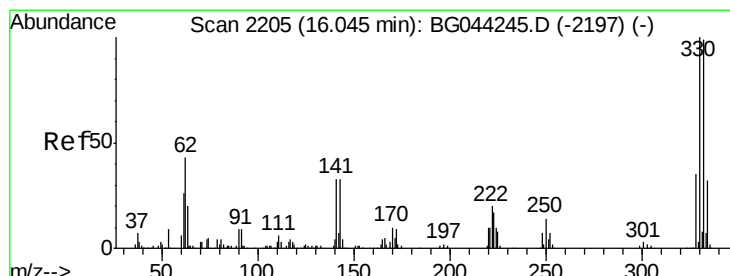
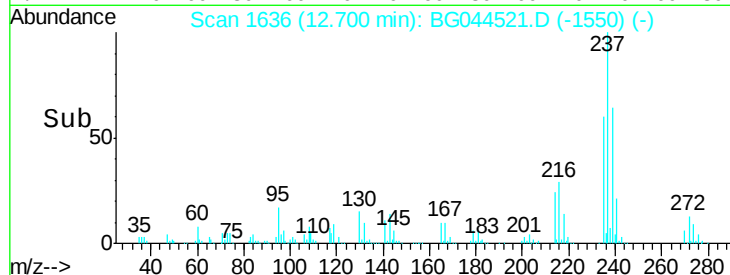
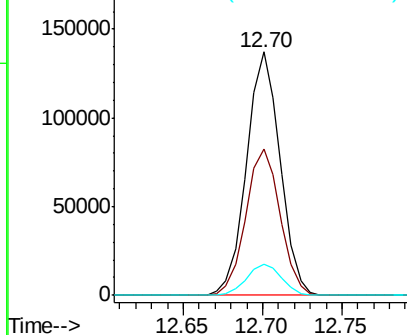
Tot Ion:	237	Resp:	201698
Ion Ratio	Lower	Upper	
237	100		
235	60.3	41.2	81.2
272	12.7	0.0	32.4

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



#42

2,4,6-Tribromophenol

Concen: 128.528 ng

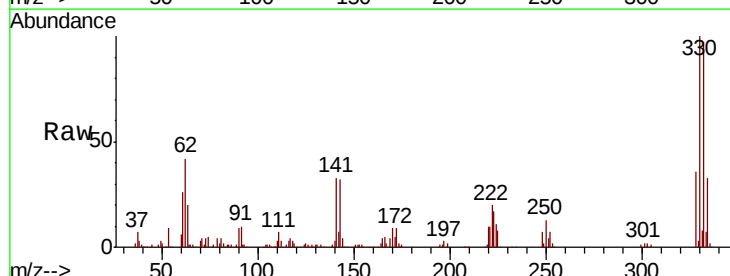
RT: 16.01 min Scan# 2200

Delta R.T. -0.02 min

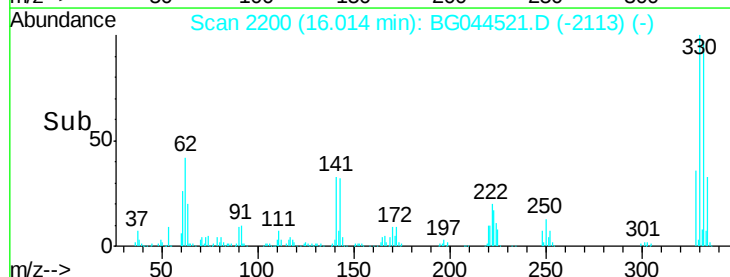
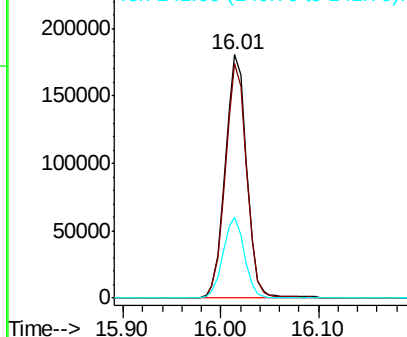
Lab File: BG044521.D

Acq: 20 Feb 2020 15:19

Tgt Ion:	330	Resp:	275845
Ion Ratio	Lower	Upper	
330	100		
332	96.3	77.2	115.8
141	33.1	28.3	42.5



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





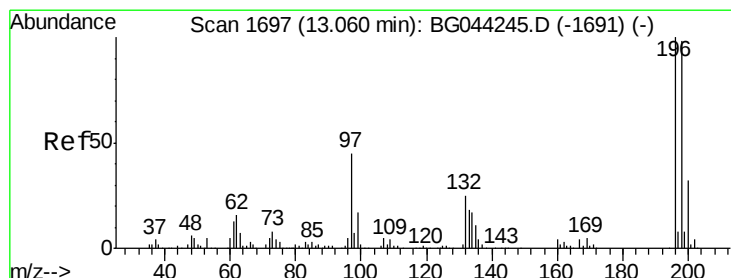
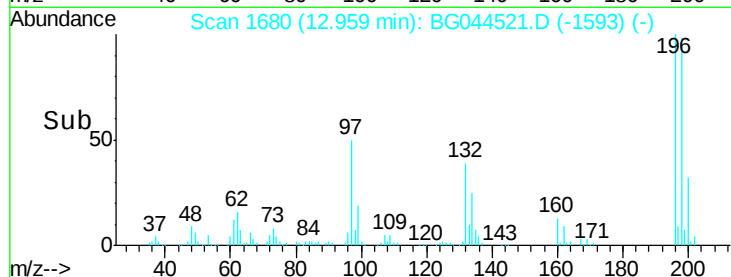
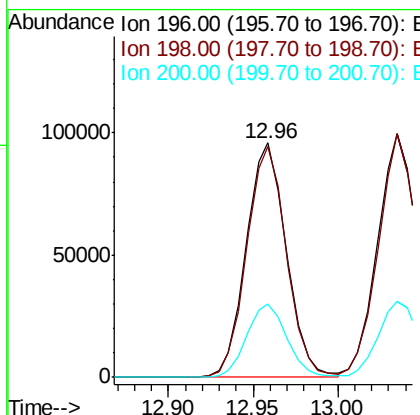
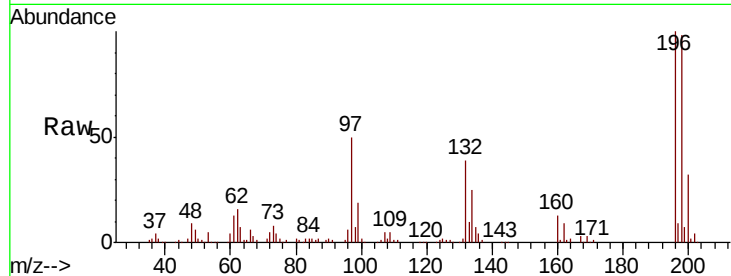
#43
 2,4,6-Trichlorophenol
 Concen: 44.606 ng
 RT: 12.96 min Scan# 1680
 Delta R.T. -0.02 min
 Lab File: BG044521.D
 Acq: 20 Feb 2020 15:19

Instrument :
 BNA_G
 ClientSampled :
 PB126886BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	157674		
198	98.4	79.3	118.9	
200	31.5	25.7	38.5	

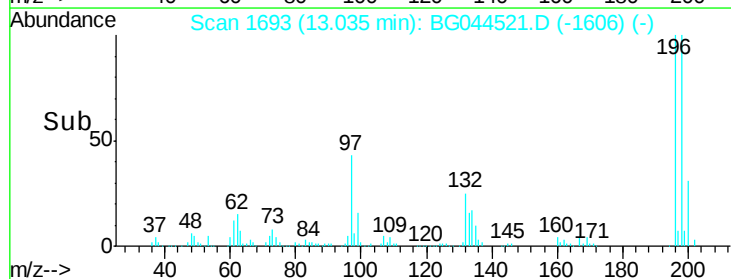
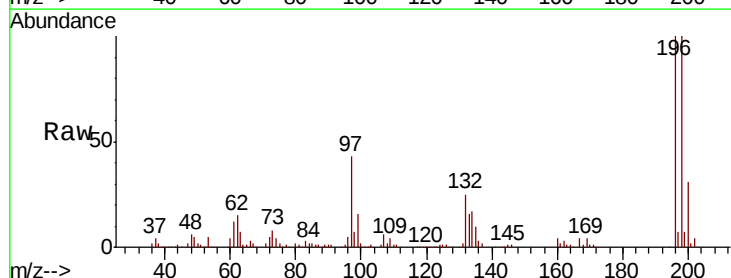
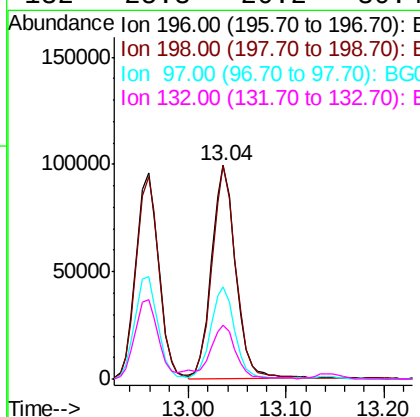
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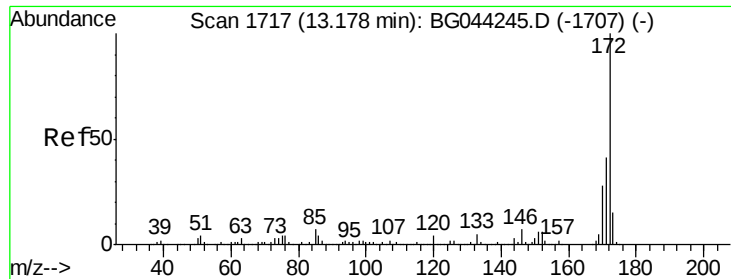
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 46.949 ng
 RT: 13.04 min Scan# 1693
 Delta R.T. -0.02 min
 Lab File: BG044521.D
 Acq: 20 Feb 2020 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	169506		
198	99.8	78.2	117.2	
97	43.1	36.2	54.4	
132	25.3	20.2	30.4	





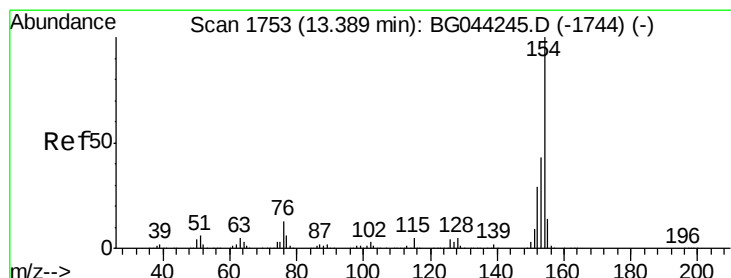
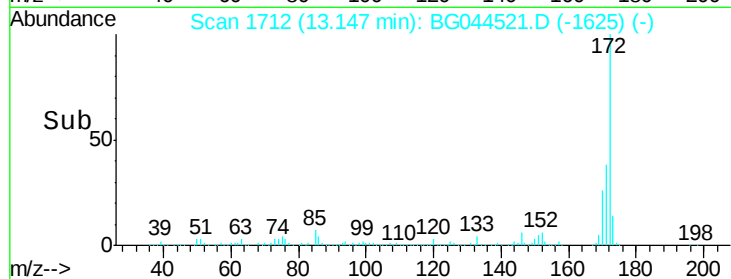
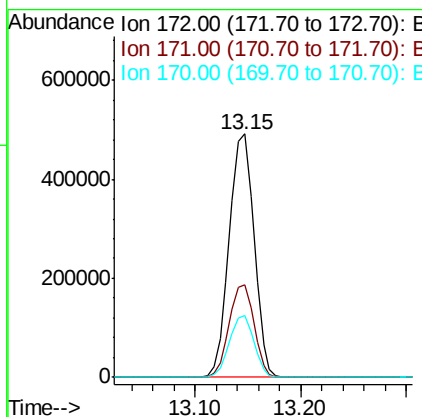
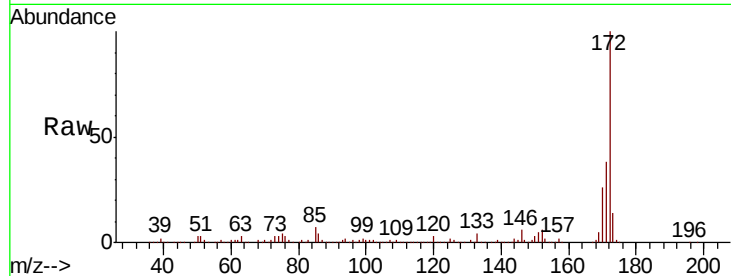
#45
 2-Fluorobiphenyl
 Concen: 73.346 ng
 RT: 13.15 min Scan# 1712
 Delta R.T. -0.02 min
 Lab File: BG044521.D
 Acq: 20 Feb 2020 15:19

Instrument :
 BNA_G
 ClientSampleId :
 PB126886BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.2	32.9	49.3
170	25.7	22.0	33.0

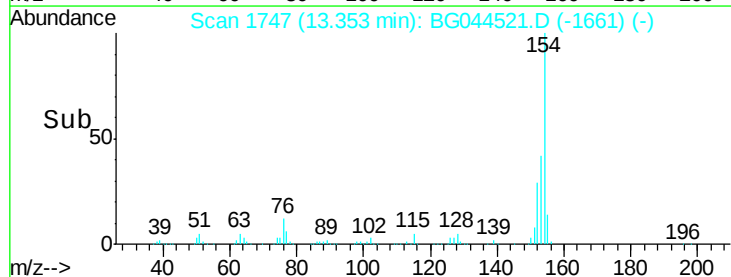
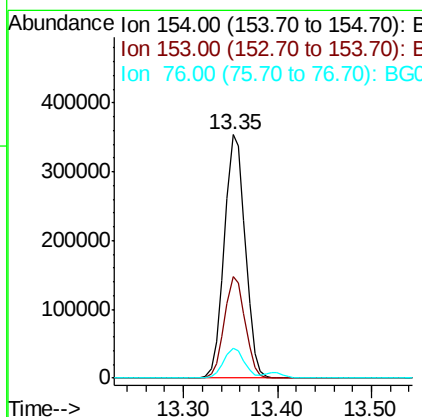
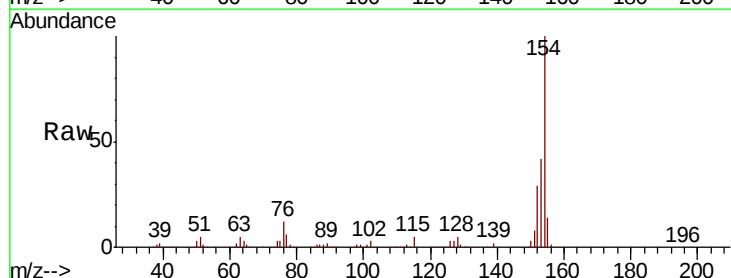
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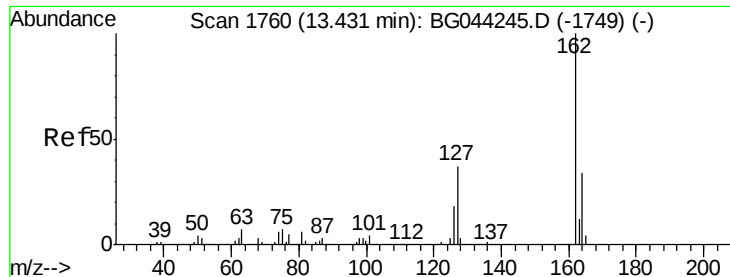
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#46
 1,1'-Biphenyl
 Concen: 41.570 ng
 RT: 13.35 min Scan# 1747
 Delta R.T. -0.02 min
 Lab File: BG044521.D
 Acq: 20 Feb 2020 15:19

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	22.7	62.7
76	12.4	0.0	32.9





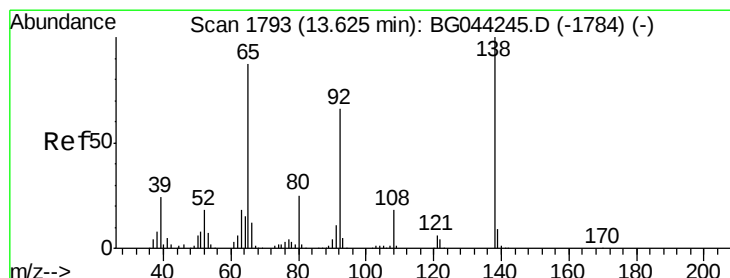
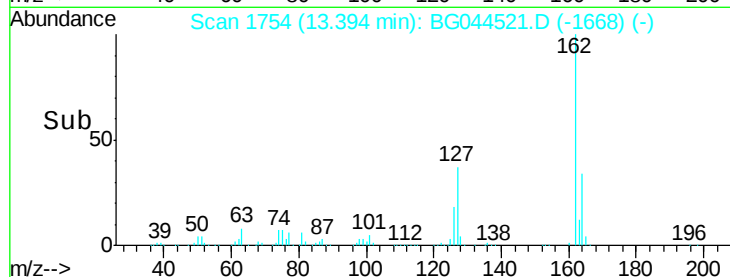
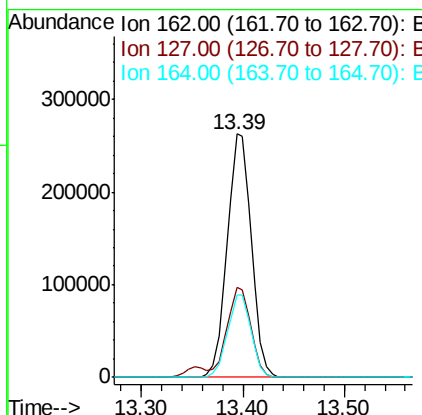
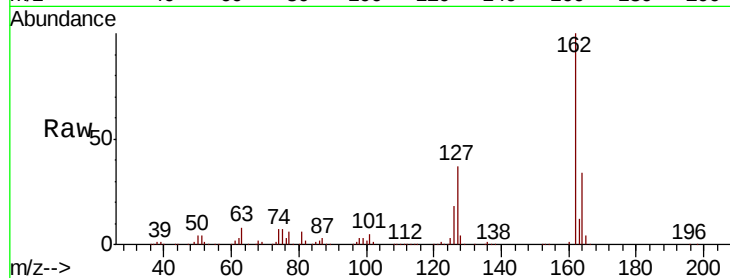
#47
2-Chloronaphthalene
Concen: 41.238 ng
RT: 13.39 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BG044521.D
Acq: 20 Feb 2020 15:19

Instrument :
BNA_G
ClientSampleId :
PB126886BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.0	30.0	45.0
164	33.8	27.2	40.8

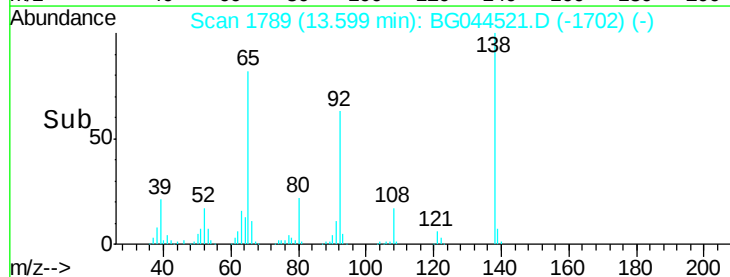
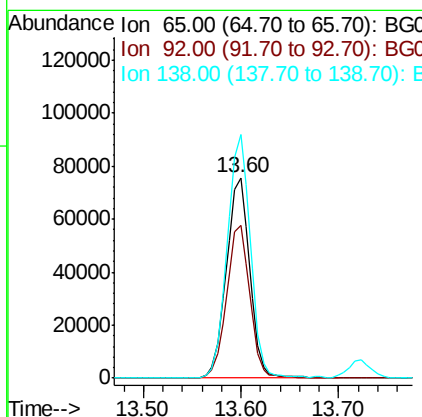
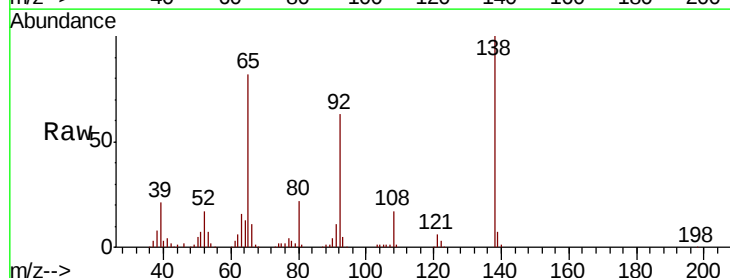
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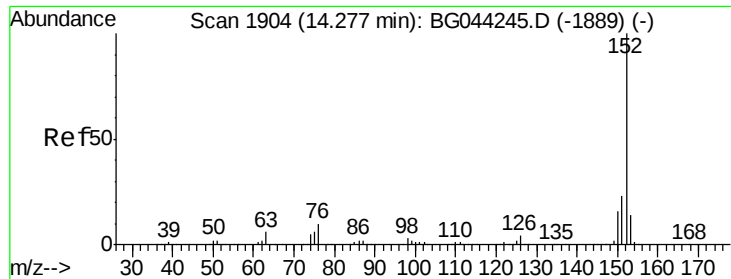
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#48
2-Nitroaniline
Concen: 40.810 ng
RT: 13.60 min Scan# 1789
Delta R.T. -0.02 min
Lab File: BG044521.D
Acq: 20 Feb 2020 15:19

Tgt Ion	Ratio	Lower	Upper
65	100		
92	76.2	60.3	90.5
138	121.5	91.9	137.9





#49

Acenaphthylene

Concen: 44.691 ng

RT: 14.25 min Scan# 1899

Delta R.T. -0.02 min

Lab File: BG044521.D

Acq: 20 Feb 2020 15:19

Instrument :

BNA_G

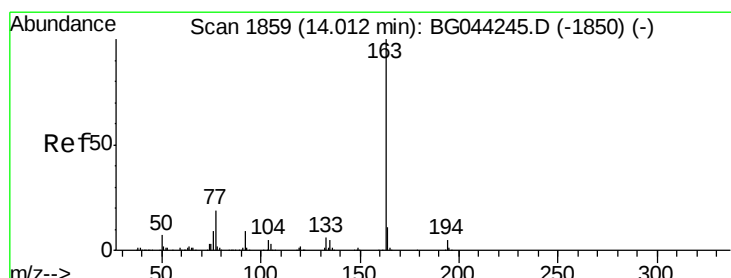
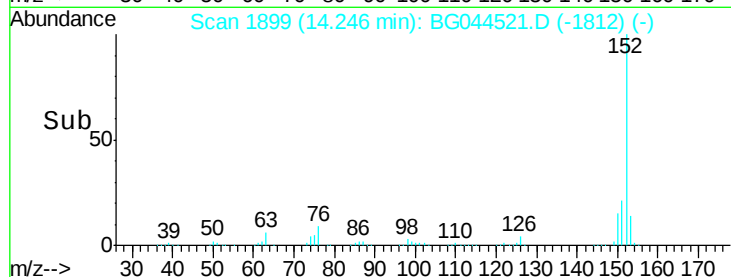
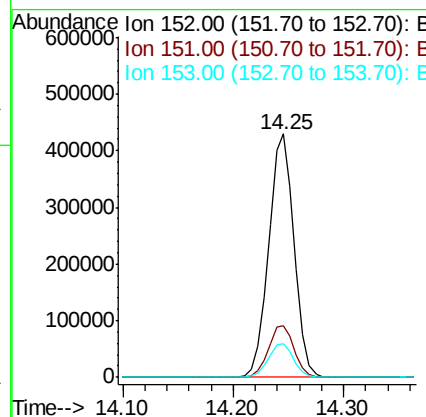
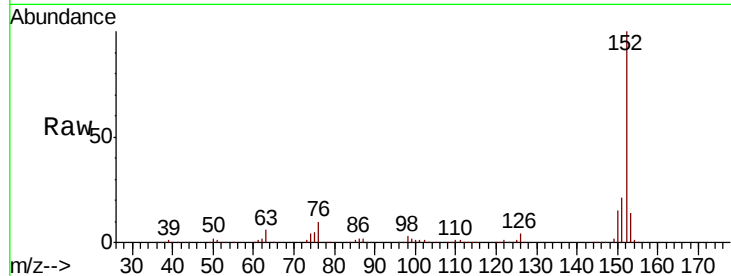
ClientSampleId :

PB126886BSD

Tot Ion:	152	Resp:	687838
Ion Ratio	Lower	Upper	
152	100		
151	21.4	18.1	27.1
153	14.1	11.5	17.3

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#50

Dimethylphthalate

Concen: 42.156 ng

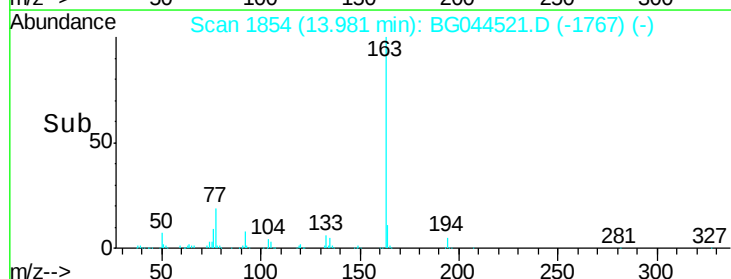
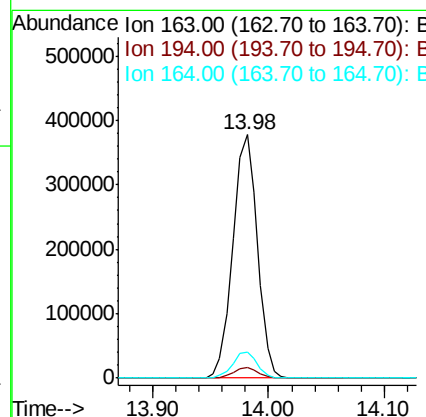
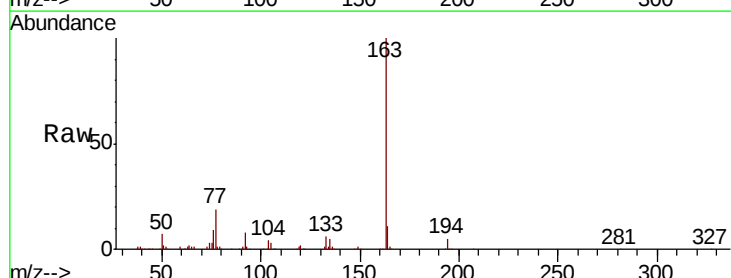
RT: 13.98 min Scan# 1854

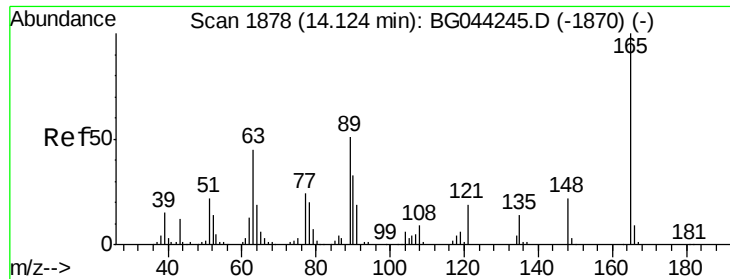
Delta R.T. -0.02 min

Lab File: BG044521.D

Acq: 20 Feb 2020 15:19

Tgt Ion:	163	Resp:	553992
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.6	5.4
164	10.5	8.7	13.1





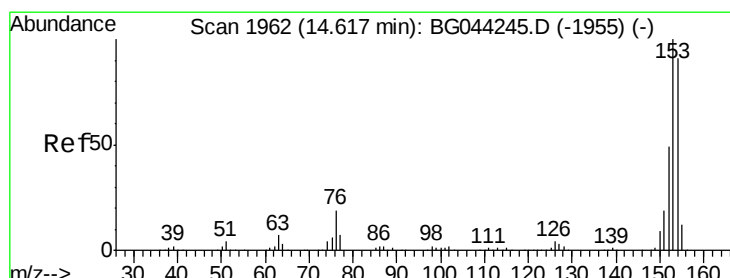
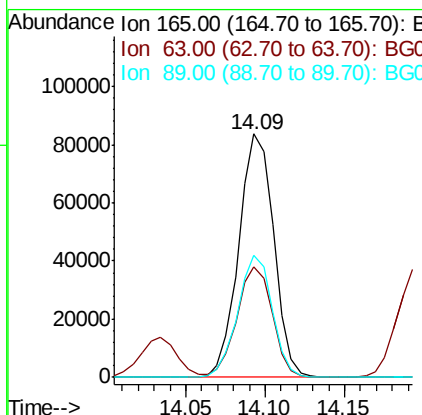
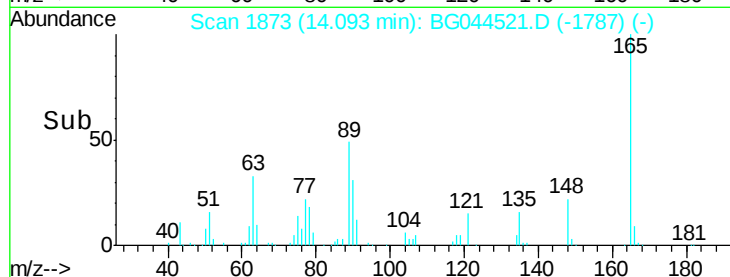
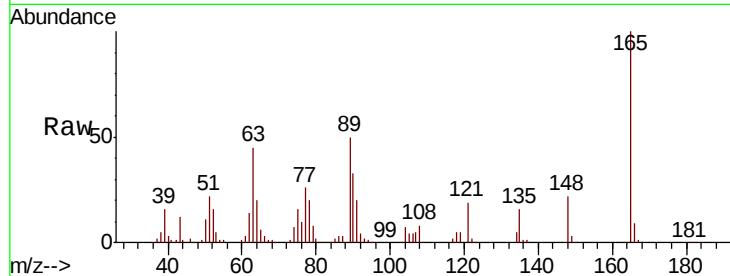
#51
 2,6-Dinitrotoluene
 Concen: 43.783 ng
 RT: 14.09 min Scan# 1873
 Delta R.T. -0.02 min
 Lab File: BG044521.D
 Acq: 20 Feb 2020 15:19

Instrument :
 BNA_G
 ClientSampleId :
 PB126886BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	128288		
63	45.2		38.7	58.1
89	50.1		40.4	60.6

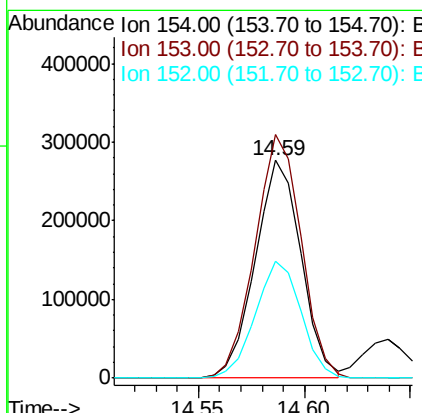
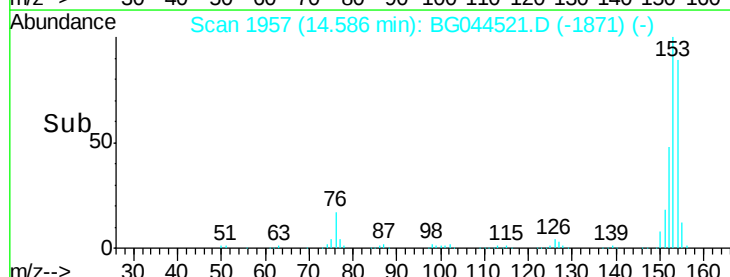
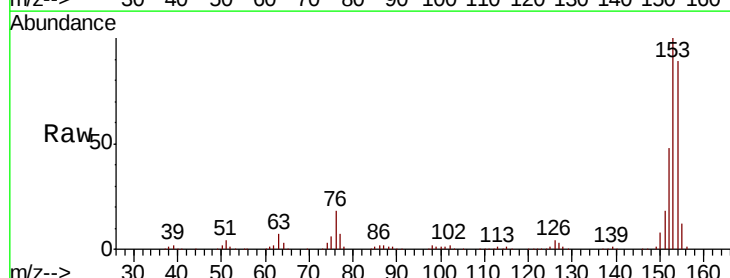
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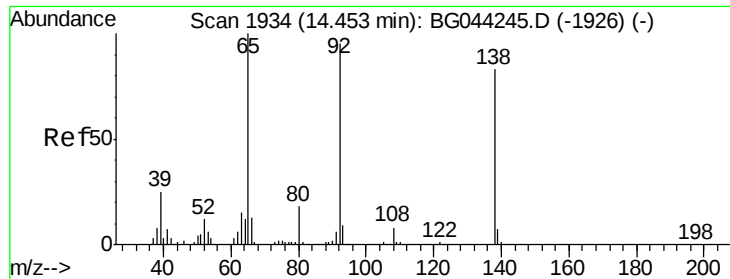
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#52
 Acenaphthene
 Concen: 41.884 ng
 RT: 14.59 min Scan# 1957
 Delta R.T. -0.02 min
 Lab File: BG044521.D
 Acq: 20 Feb 2020 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	417833		
153	111.8		87.9	131.9
152	53.7		43.1	64.7





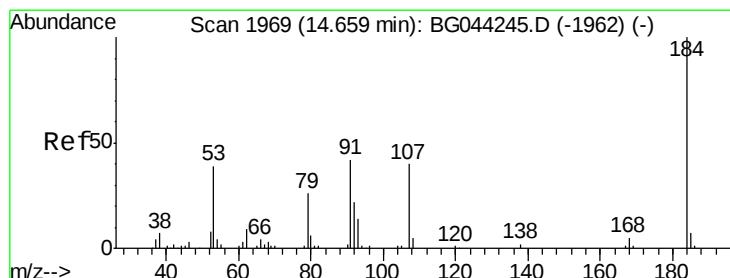
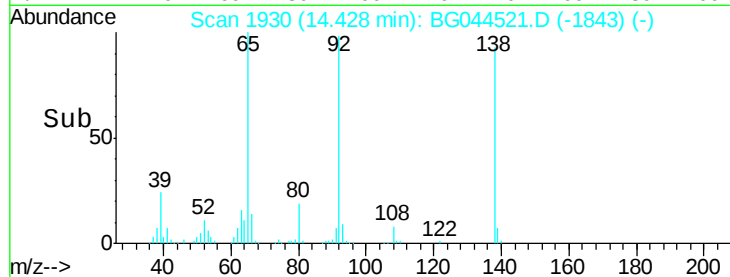
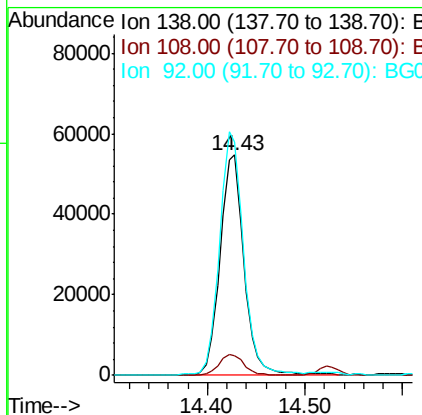
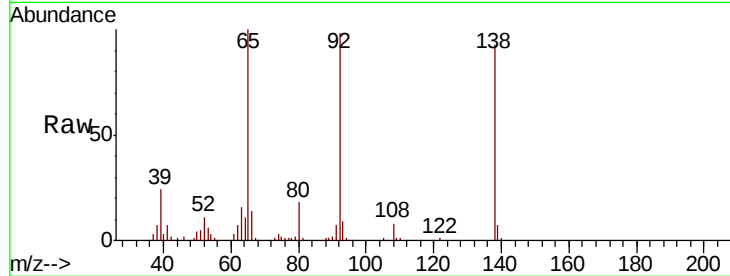
#53
 3-Nitroaniline
 Concen: 28.870 ng
 RT: 14.43 min Scan# 1930
 Delta R.T. -0.02 min
 Lab File: BG044521.D
 Acq: 20 Feb 2020 15:19

Instrument :
 BNA_G
 ClientSampleId :
 PB126886BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	8.8	7.9	11.9
92	105.7	91.0	136.4

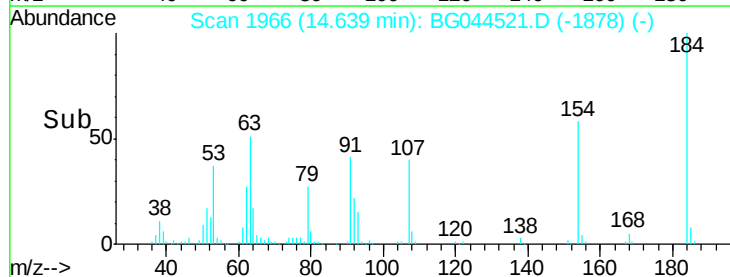
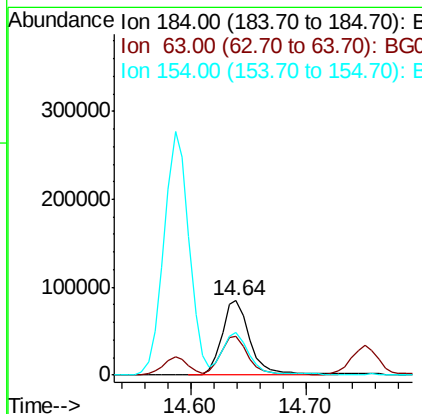
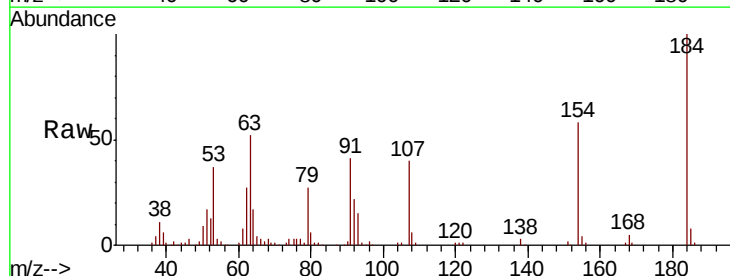
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#54
 2,4-Dinitrophenol
 Concen: 82.763 ng
 RT: 14.64 min Scan# 1966
 Delta R.T. -0.01 min
 Lab File: BG044521.D
 Acq: 20 Feb 2020 15:19

Tgt Ion	Ratio	Lower	Upper
184	100		
63	51.7	44.1	66.1
154	57.7	45.4	68.0





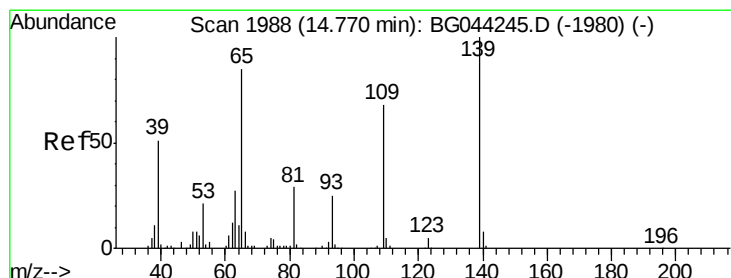
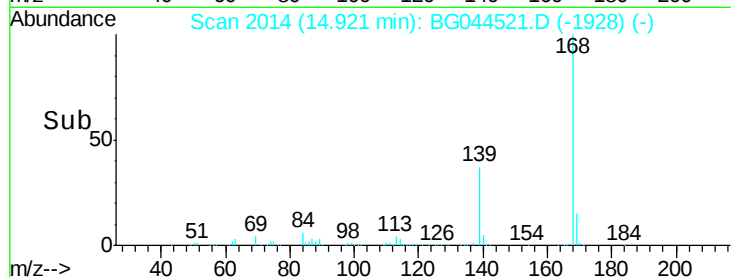
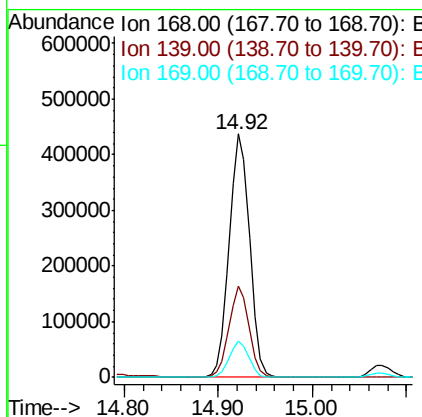
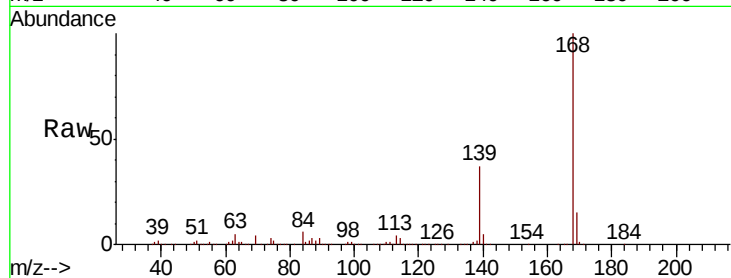
#55
Dibenzofuran
Concen: 43.622 ng
RT: 14.92 min Scan# 2014
Delta R.T. -0.02 min
Lab File: BG044521.D
Acq: 20 Feb 2020 15:19

Instrument :
BNA_G
ClientSampleId :
PB126886BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.4	30.5	45.7
169	14.7	11.7	17.5

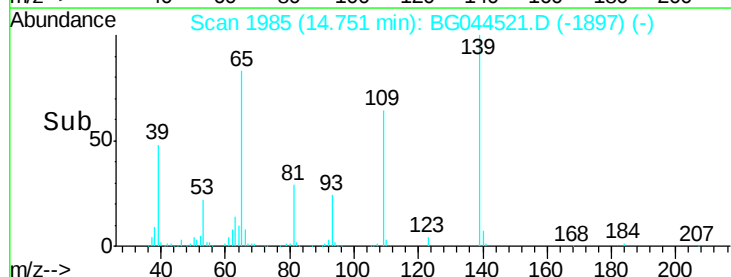
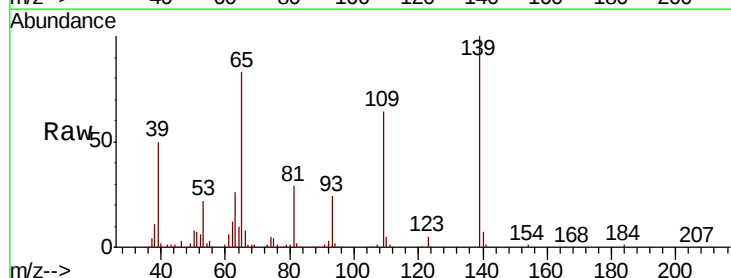
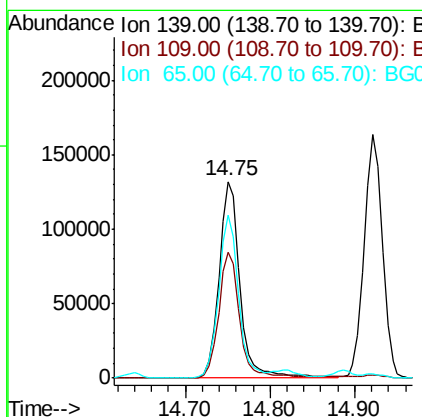
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#56
4-Nitrophenol
Concen: 96.848 ng
RT: 14.75 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BG044521.D
Acq: 20 Feb 2020 15:19

Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.3	47.5	87.5
65	82.8	64.9	104.9





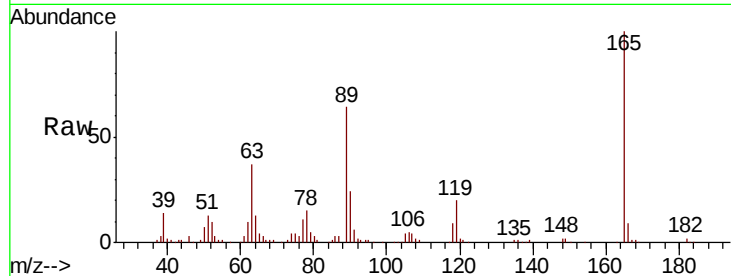
#57
2,4-Dinitrotoluene
Concen: 44.009 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BG044521.D
Acq: 20 Feb 2020 15:19

Instrument :
BNA_G
ClientSampleId :
PB126886BSD

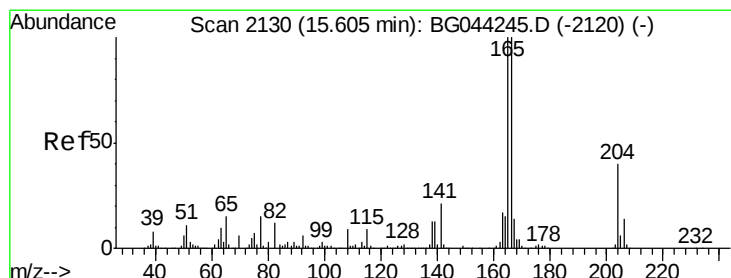
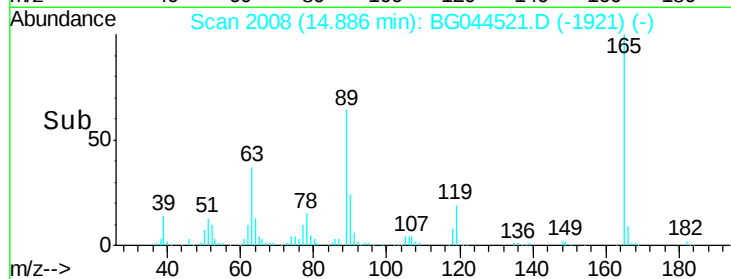
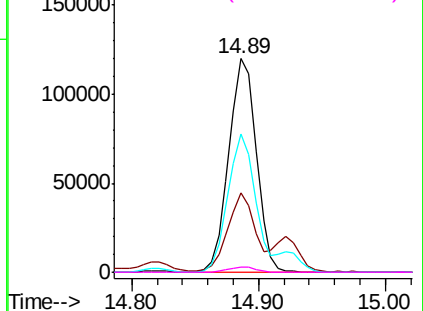
Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		180736		
63	37.1		30.3	45.5	
89	64.5		53.4	80.2	
182	2.2		2.1	3.1	

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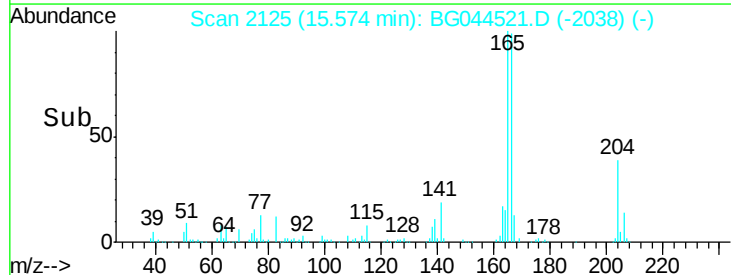
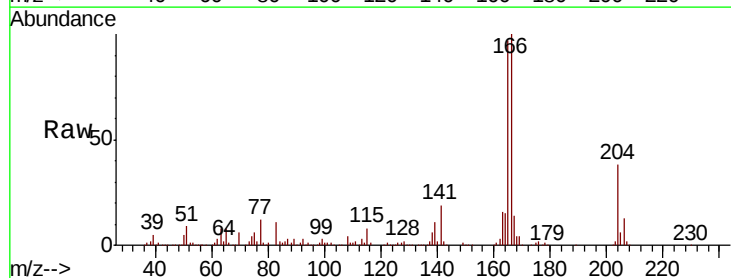
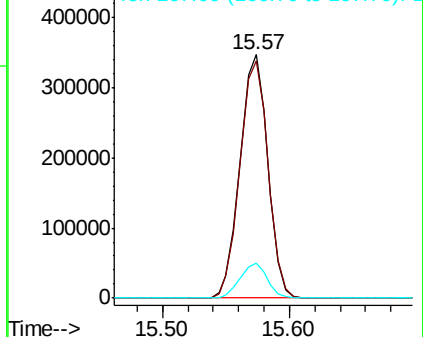
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 44.326 ng
RT: 15.57 min Scan# 2125
Delta R.T. -0.02 min
Lab File: BG044521.D
Acq: 20 Feb 2020 15:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		527328		
165	97.2		79.9	119.9	
167	14.1		11.4	17.0	

Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





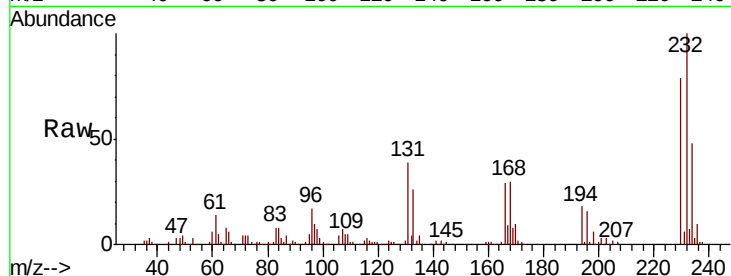
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.095 ng
RT: 15.16 min Scan# 2054
Delta R.T. -0.02 min
Lab File: BG044521.D
Acq: 20 Feb 2020 15:19

Instrument :
BNA_G
ClientSampleId :
PB126886BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	153585		
131	39.8		34.2	51.4
130	2.3		1.8	2.8
166	28.7		23.8	35.8

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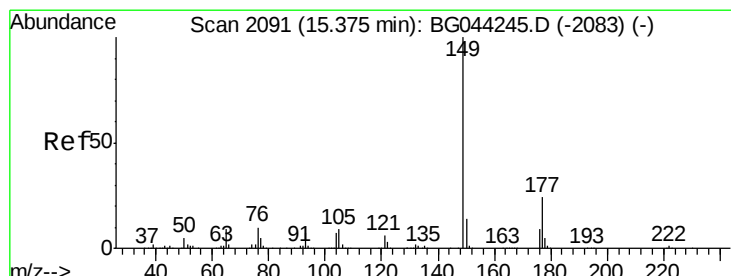
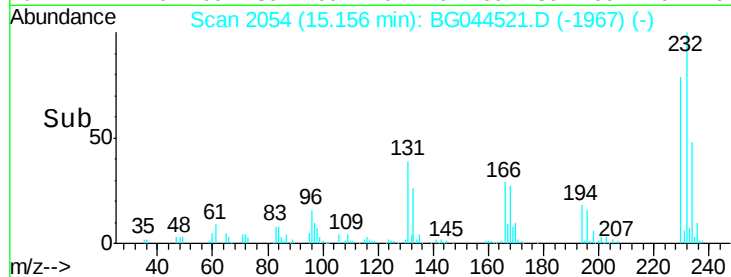
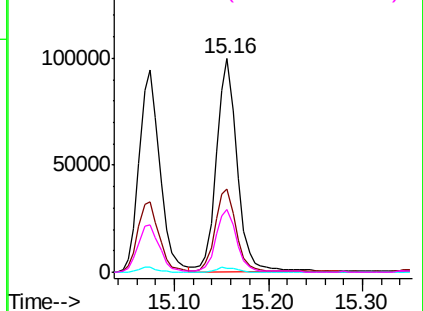
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

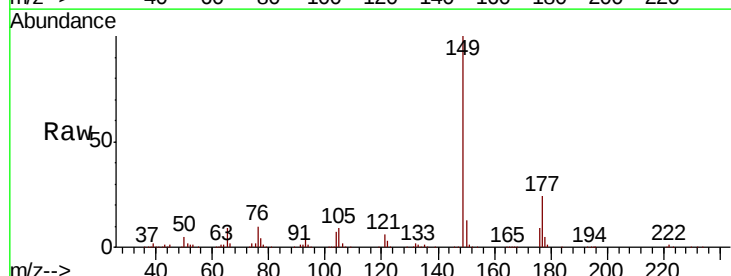
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 42.196 ng
RT: 15.34 min Scan# 2086
Delta R.T. -0.02 min
Lab File: BG044521.D
Acq: 20 Feb 2020 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	552539		
177	23.8		19.4	29.0
150	13.1		10.9	16.3

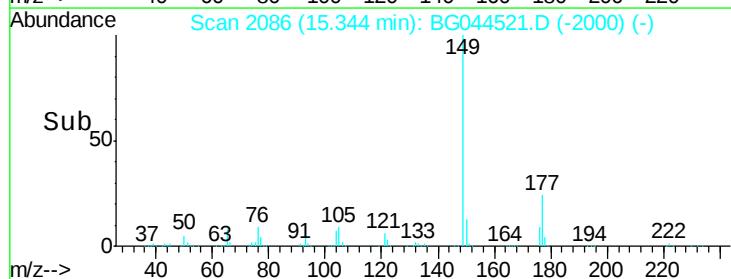
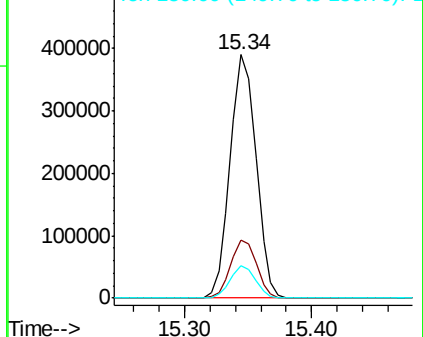


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





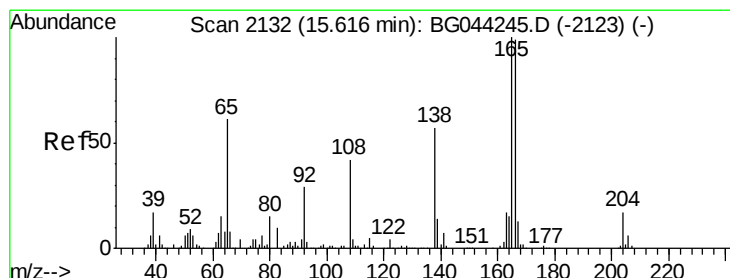
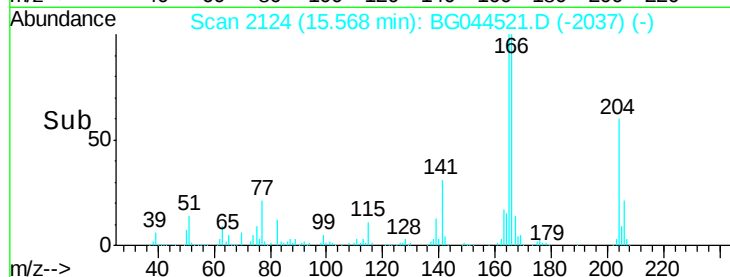
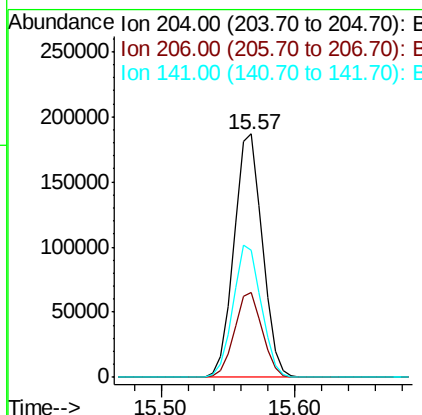
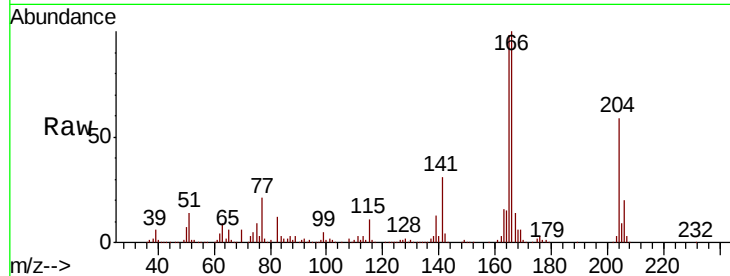
#61
4-Chlorophenyl-phenylether
Concen: 42.769 ng
RT: 15.57 min Scan# 2124
Delta R.T. -0.02 min
Lab File: BG044521.D
Acq: 20 Feb 2020 15:19

Instrument :
BNA_G
ClientSampleID :
PB126886BSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100	275874		
206	34.7	27.6	41.4	
141	52.4	43.4	65.0	

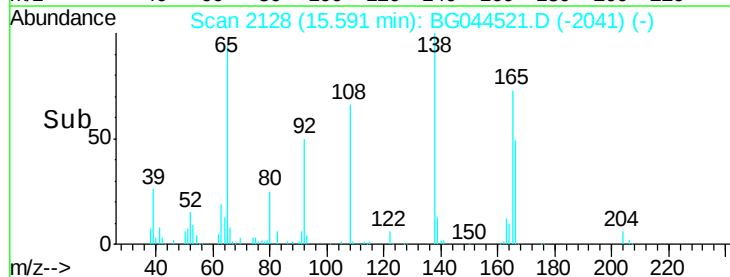
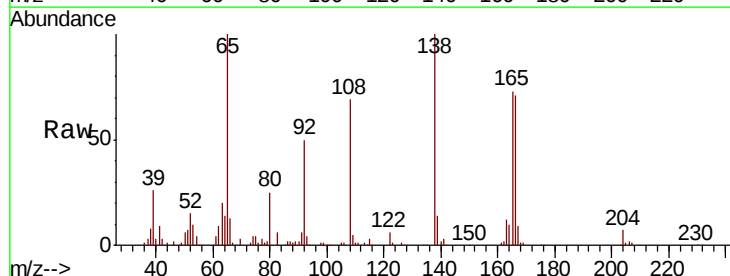
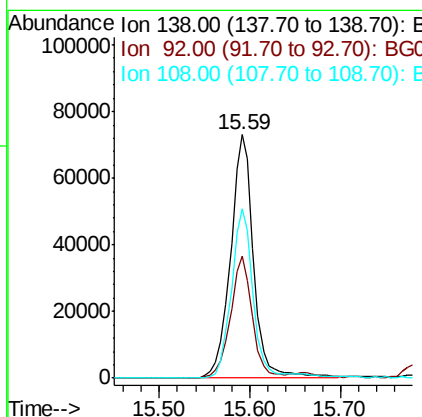
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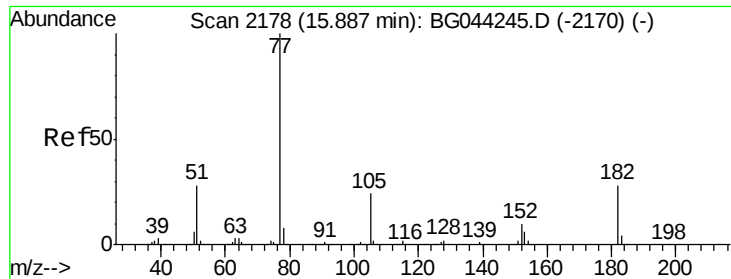
mohammad
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#62
4-Nitroaniline
Concen: 39.963 ng
RT: 15.59 min Scan# 2128
Delta R.T. -0.02 min
Lab File: BG044521.D
Acq: 20 Feb 2020 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	129450		
92	50.1	31.3	71.3	
108	69.5	52.6	92.6	





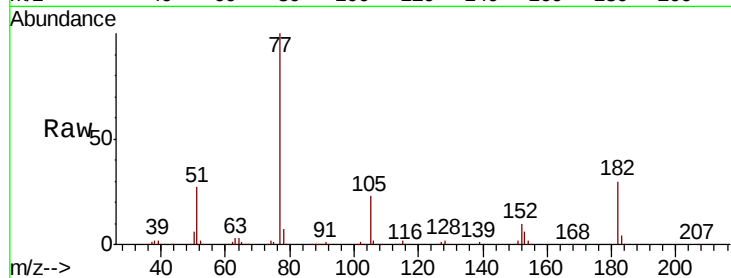
#63
Azobenzene
Concen: 42.635 ng
RT: 15.86 min Scan# 2174
Delta R.T. -0.02 min
Lab File: BG044521.D
Acq: 20 Feb 2020 15:19

Instrument :
BNA_G
ClientSampleId :
PB126886BSD

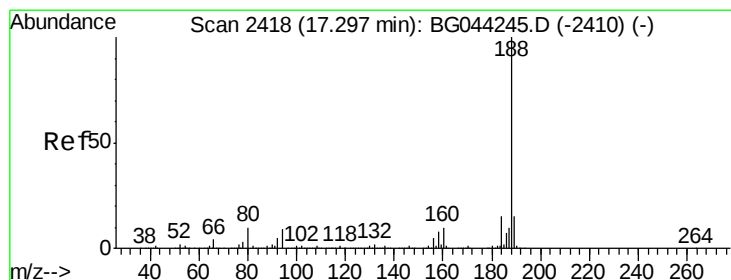
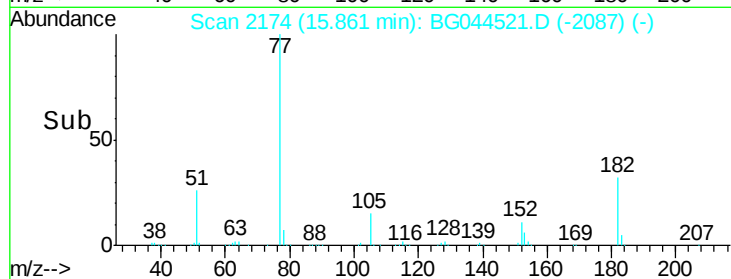
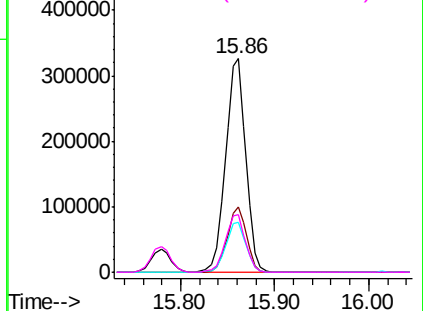
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		489295		
182	30.5	8.2	48.2		
105	23.4	3.6	43.6		
51	27.0	8.3	48.3		

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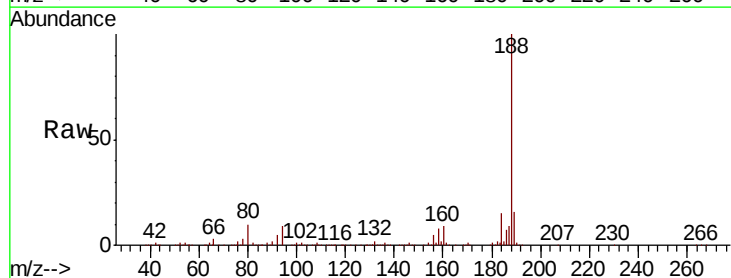


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

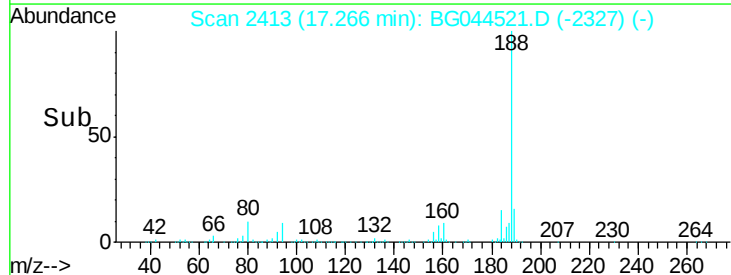
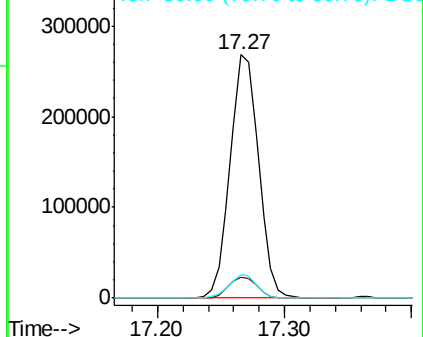


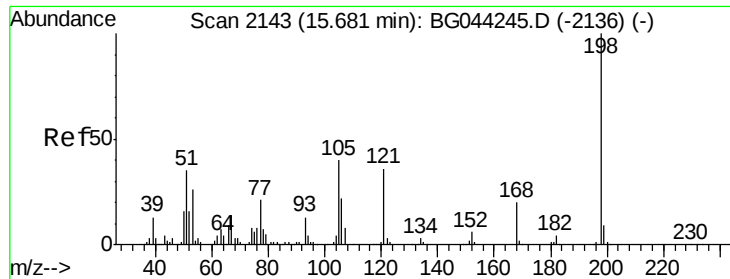
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.27 min Scan# 2413
Delta R.T. -0.02 min
Lab File: BG044521.D
Acq: 20 Feb 2020 15:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		415346		
94	8.7	7.4	11.2		
80	9.6	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





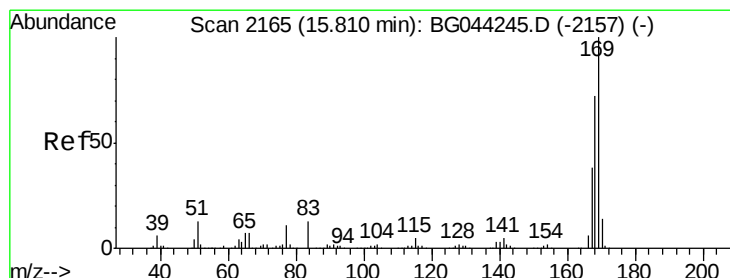
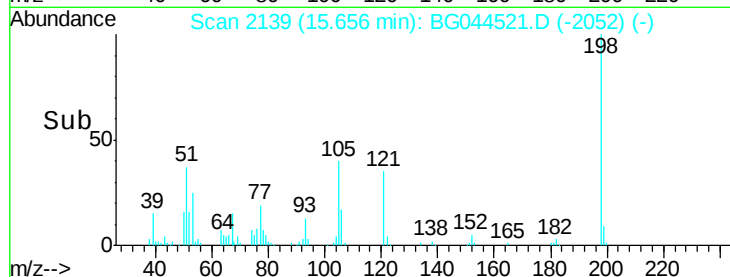
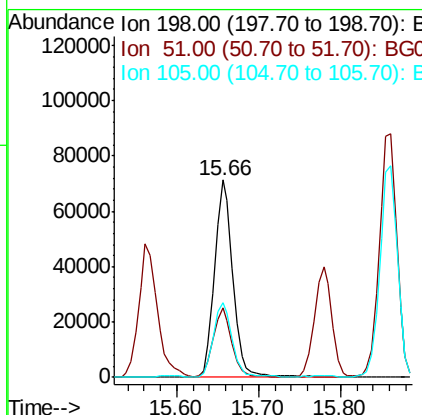
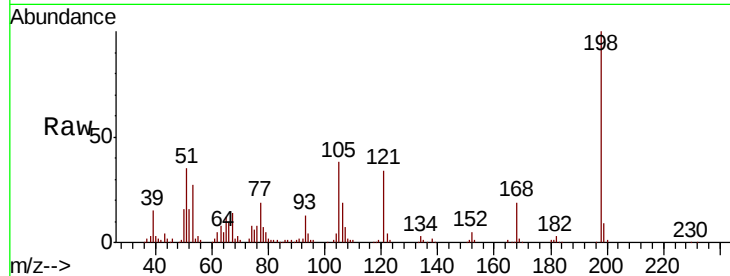
#65
 4,6-Dinitro-2-methylphenol
 Concen: 48.728 ng
 RT: 15.66 min Scan# 2139
 Delta R.T. -0.02 min
 Lab File: BG044521.D
 Acq: 20 Feb 2020 15:19

Instrument :
 BNA_G
 ClientSampleId :
 PB126886BSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	111718		
51	35.0	16.6	56.6	
105	37.7	20.6	60.6	

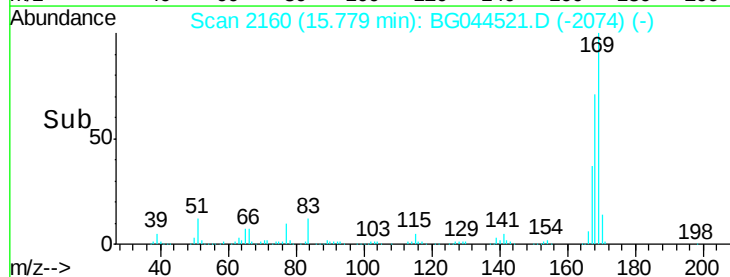
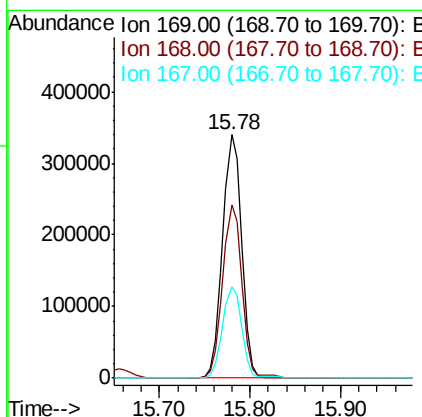
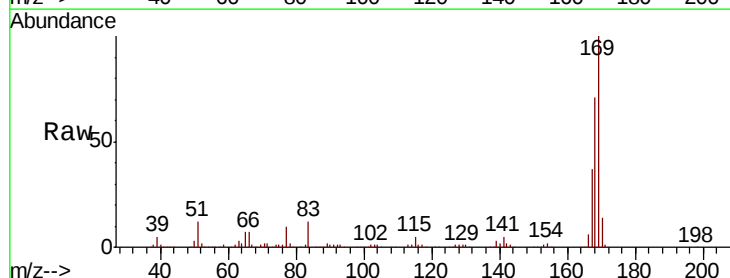
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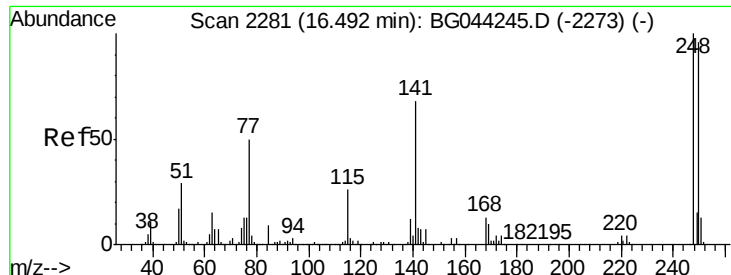
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#66
 n-Nitrosodiphenylamine
 Concen: 42.469 ng
 RT: 15.78 min Scan# 2160
 Delta R.T. -0.02 min
 Lab File: BG044521.D
 Acq: 20 Feb 2020 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	494334		
168	71.2	57.9	86.9	
167	37.4	30.7	46.1	





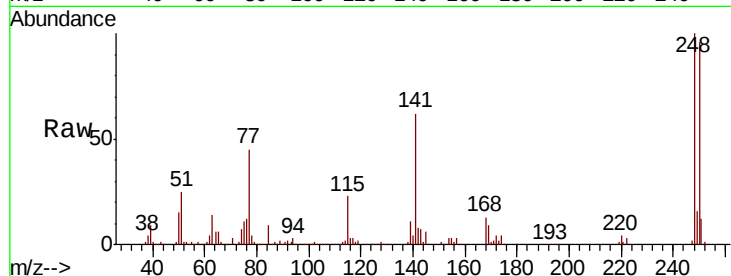
#67
 4-Bromophenyl-phenylether
 Concen: 41.012 ng
 RT: 16.46 min Scan# 2276
 Delta R.T. -0.02 min
 Lab File: BG044521.D
 Acq: 20 Feb 2020 15:19

Instrument :
 BNA_G
 ClientSampleId :
 PB126886BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.6	76.6	114.8
141	62.4	54.7	82.1

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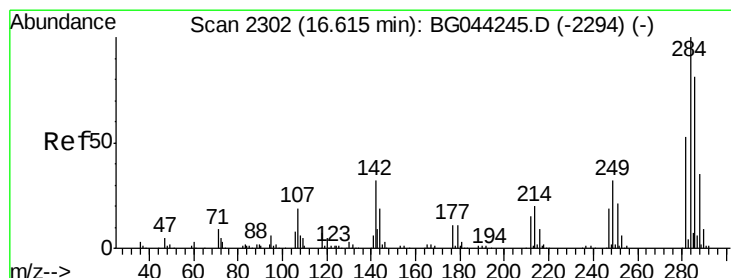
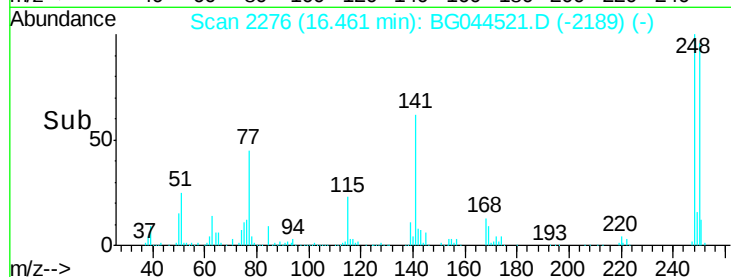
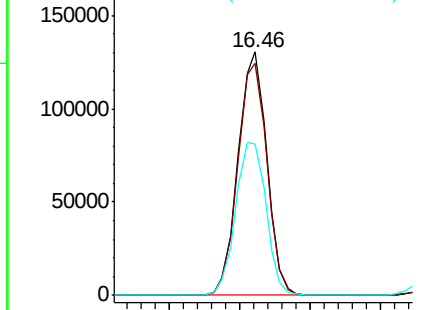


Abundance

Ion 248.00 (247.70 to 248.70): E

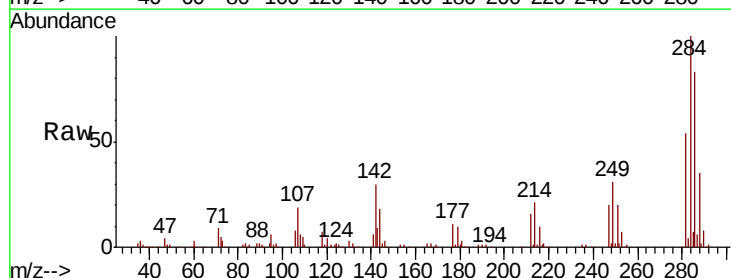
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 40.829 ng
 RT: 16.58 min Scan# 2297
 Delta R.T. -0.02 min
 Lab File: BG044521.D
 Acq: 20 Feb 2020 15:19

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.2	25.3	37.9
249	31.0	25.5	38.3

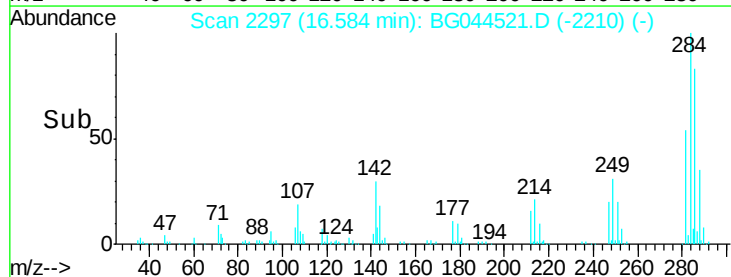
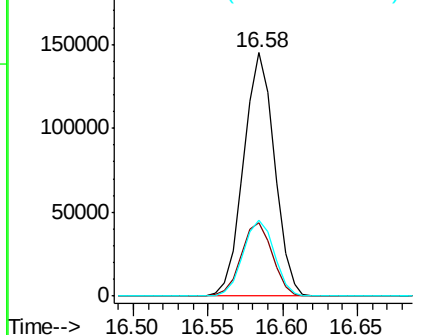


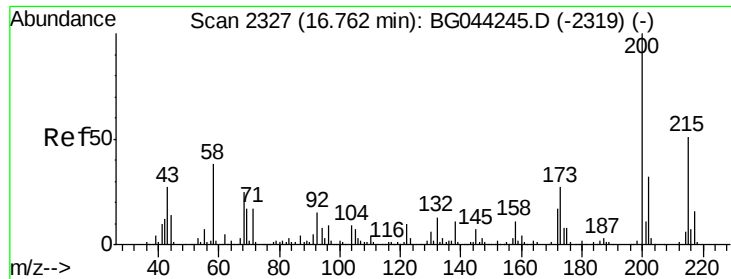
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





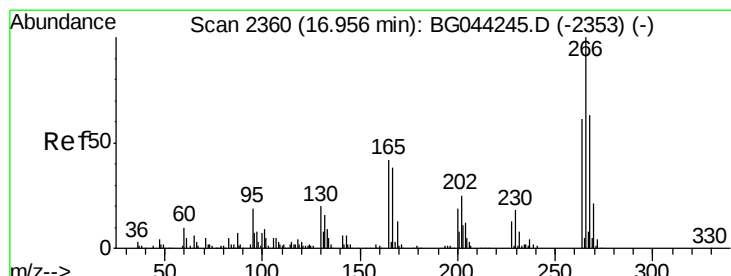
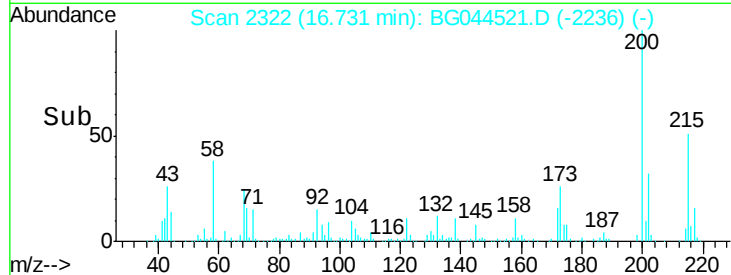
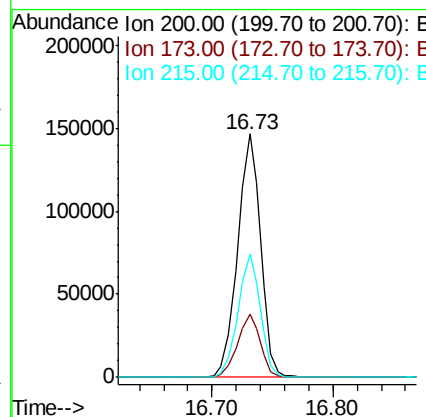
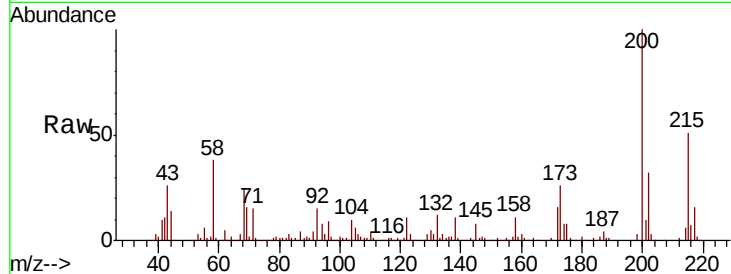
#69
 Atrazine
 Concen: 48.668 ng
 RT: 16.73 min Scan# 2322
 Delta R.T. -0.02 min
 Lab File: BG044521.D
 Acq: 20 Feb 2020 15:19

Instrument :
 BNA_G
 ClientSampleId :
 PB126886BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	25.7	6.6	46.6
215	50.6	31.0	71.0

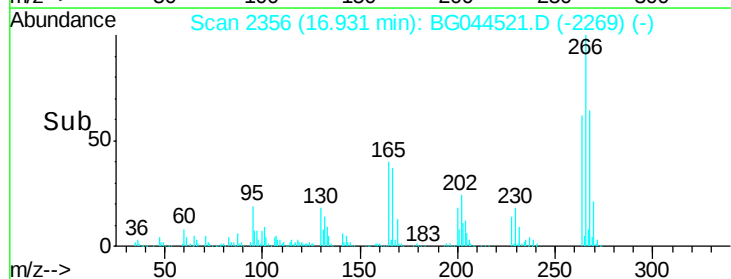
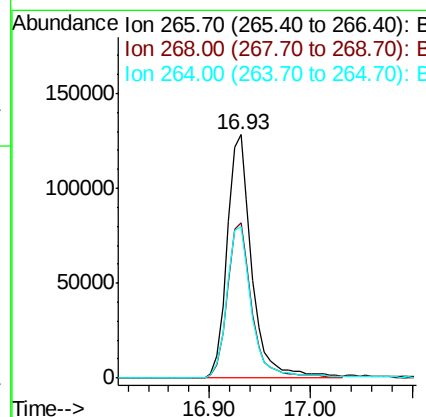
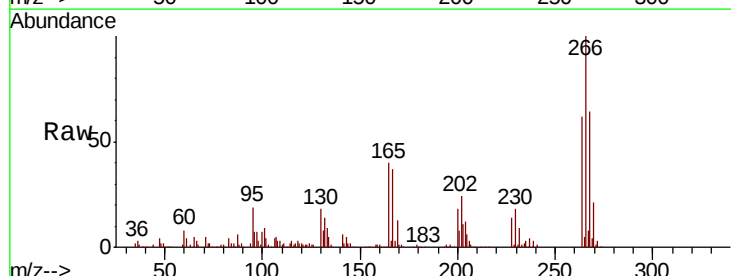
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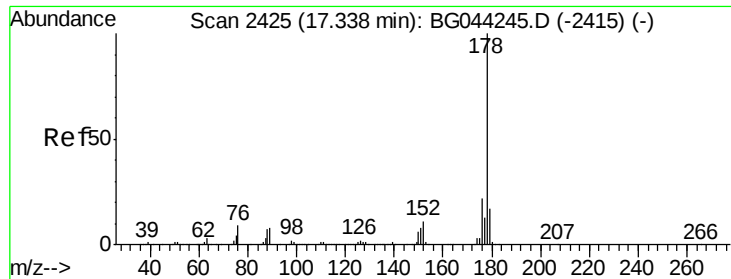
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#70
 Pentachlorophenol
 Concen: 84.243 ng
 RT: 16.93 min Scan# 2356
 Delta R.T. -0.02 min
 Lab File: BG044521.D
 Acq: 20 Feb 2020 15:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.0	50.6	75.8
264	62.4	48.7	73.1





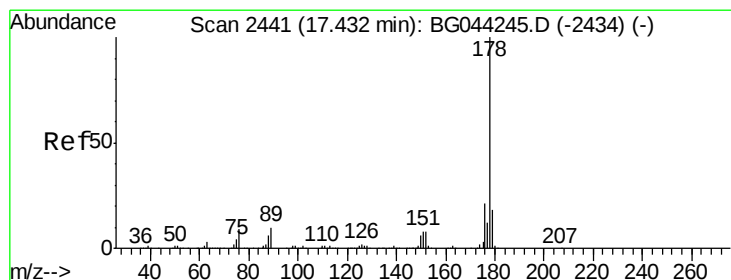
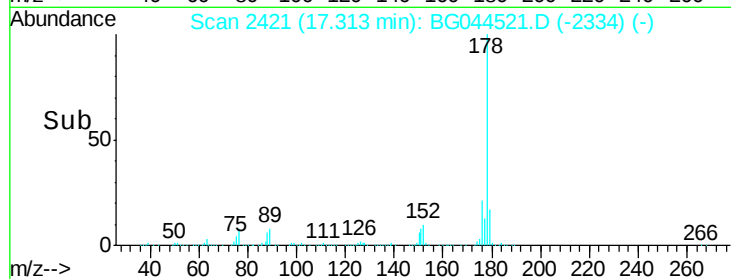
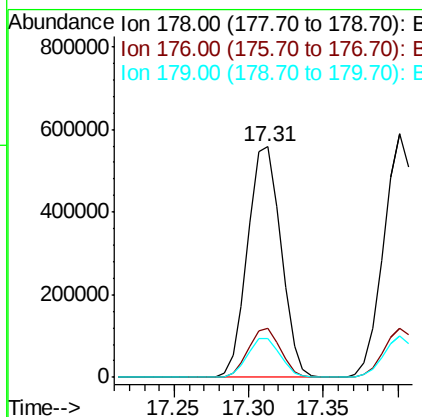
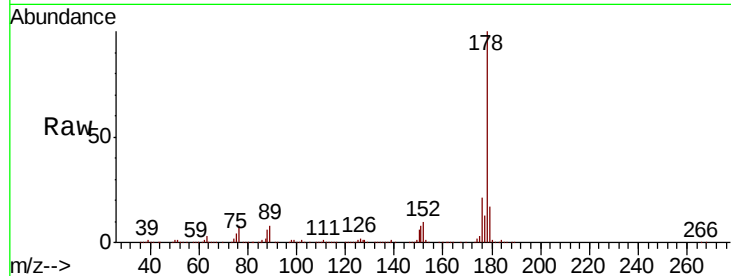
#71
Phenanthrene
Concen: 43.048 ng
RT: 17.31 min Scan# 2421
Delta R.T. -0.02 min
Lab File: BG044521.D
Acq: 20 Feb 2020 15:19

Instrument :
BNA_G
ClientSampleId :
PB126886BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.3	17.7	26.5
179	16.8	13.7	20.5

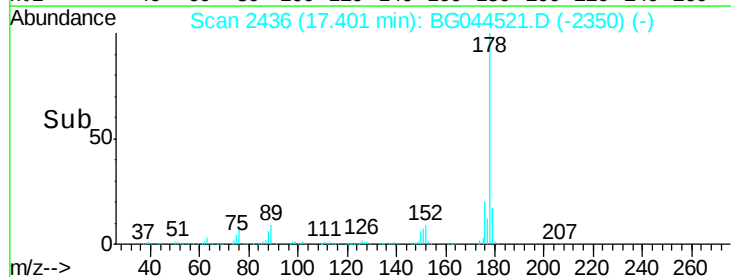
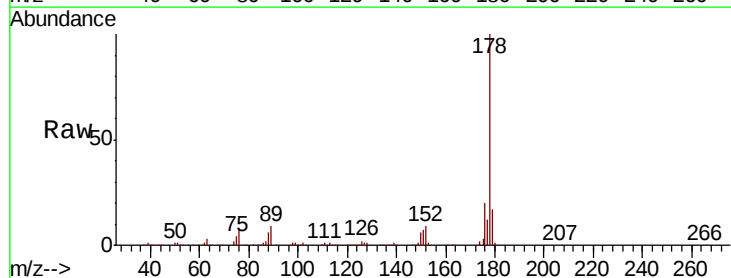
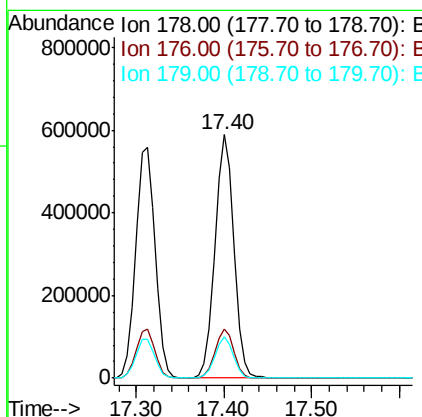
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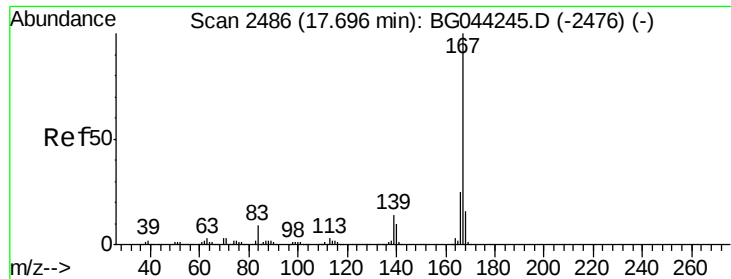
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#72
Anthracene
Concen: 44.530 ng
RT: 17.40 min Scan# 2436
Delta R.T. -0.02 min
Lab File: BG044521.D
Acq: 20 Feb 2020 15:19

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	17.0	25.4
179	16.8	14.4	21.6





#73

Carbazole

Concen: 44.085 ng

RT: 17.67 min Scan# 2482

Delta R.T. -0.02 min

Lab File: BG044521.D

Acq: 20 Feb 2020 15:19

Instrument :

BNA_G

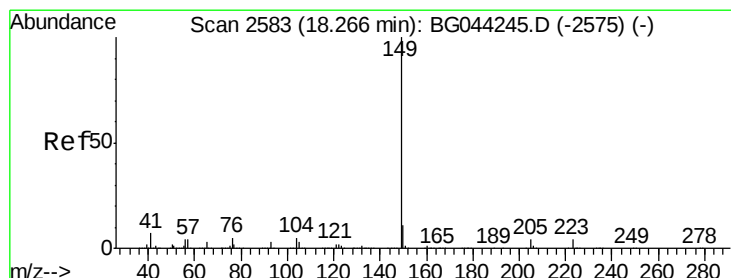
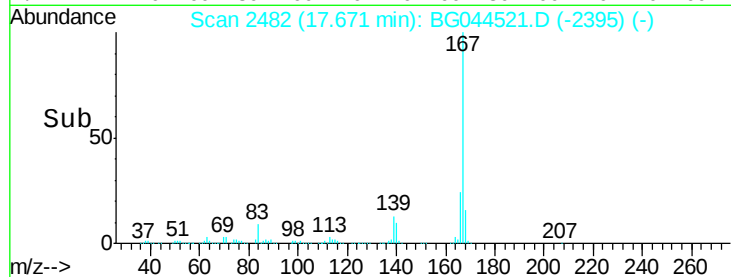
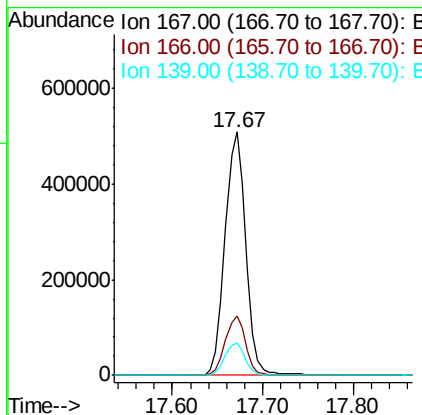
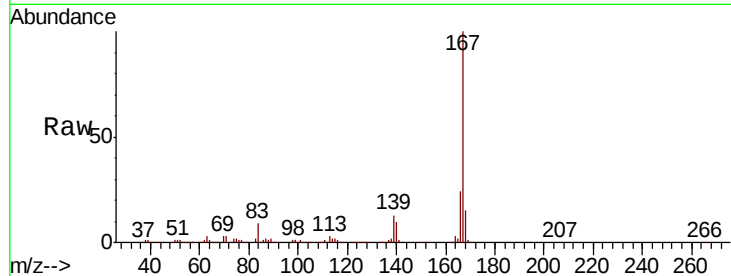
ClientSampleId :

PB126886BSD

Tot Ion:	167	Resp:	808122
Ion Ratio		Lower	Upper
167	100		
166	24.3	19.8	29.6
139	13.1	11.1	16.7

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#74

Di-n-butylphthalate

Concen: 43.440 ng

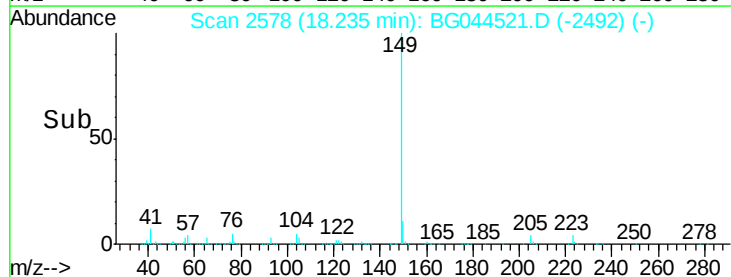
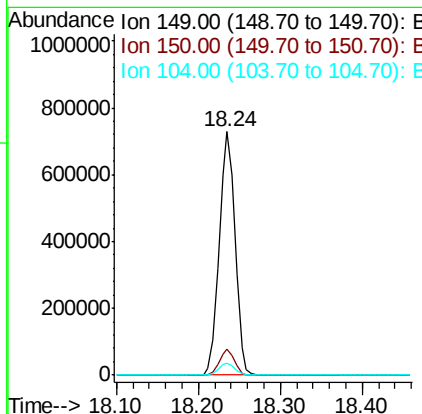
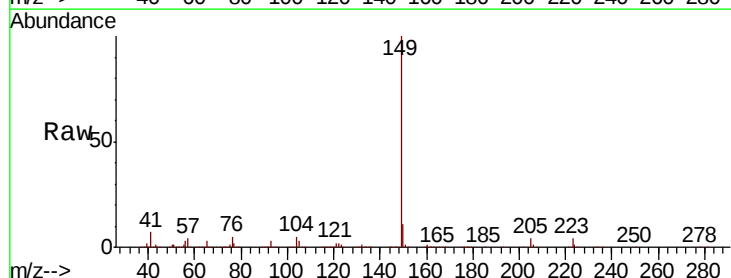
RT: 18.24 min Scan# 2578

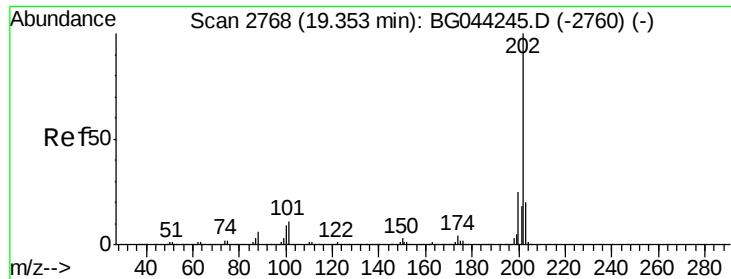
Delta R.T. -0.02 min

Lab File: BG044521.D

Acq: 20 Feb 2020 15:19

Tgt Ion:	149	Resp:	984034
Ion Ratio		Lower	Upper
149	100		
150	10.5	8.7	13.1
104	5.1	4.3	6.5





#75

Fluoranthene

Concen: 45.116 ng

RT: 19.32 min Scan# 2763

Delta R.T. -0.02 min

Lab File: BG044521.D

Acq: 20 Feb 2020 15:19

Instrument :

BNA_G

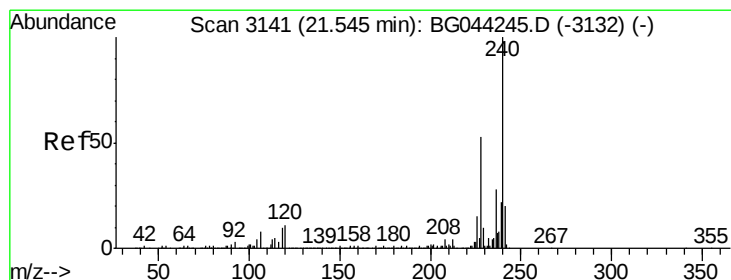
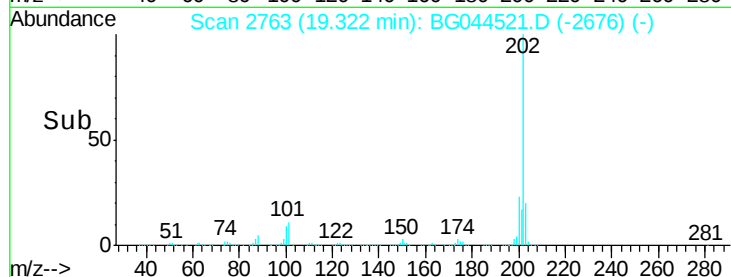
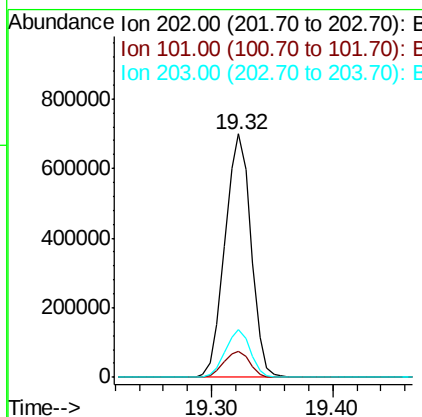
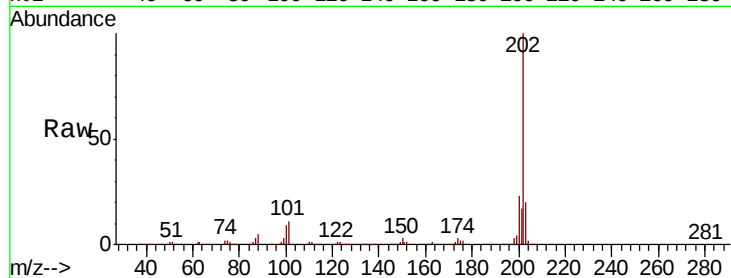
ClientSampleId :

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Tot Ion:	202	Resp:	1049693
Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	31.3
203	19.7	0.0	39.9

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#76

Chrysene-d12

Concen: 20.000 ng

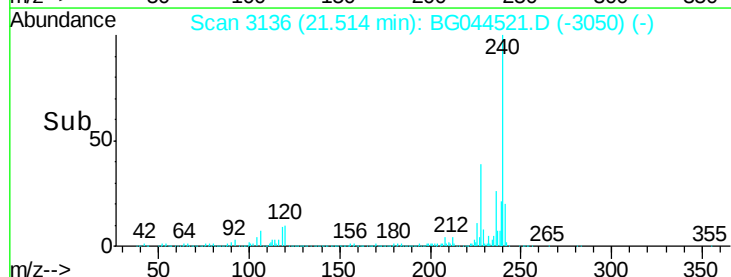
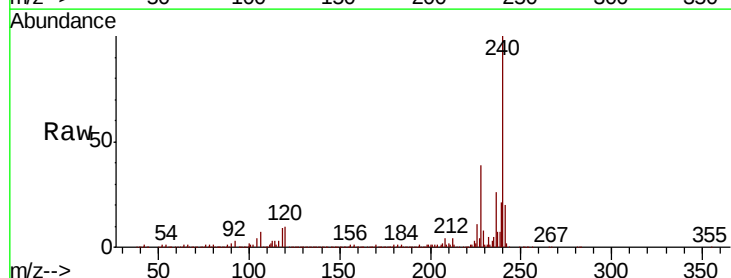
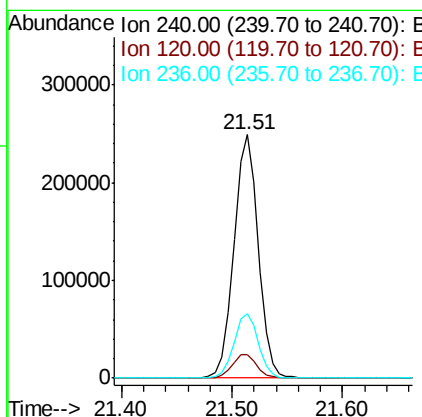
RT: 21.51 min Scan# 3136

Delta R.T. -0.02 min

Lab File: BG044521.D

Acq: 20 Feb 2020 15:19

Tgt Ion:	240	Resp:	384075
Ion	Ratio	Lower	Upper
240	100		
120	9.8	8.4	12.6
236	26.3	22.1	33.1





#77

Benzidine

Concen: 35.503 ng

RT: 19.50 min Scan# 2793

Delta R.T. -0.02 min

Lab File: BG044521.D

Acq: 20 Feb 2020 15:19

Instrument :

BNA_G

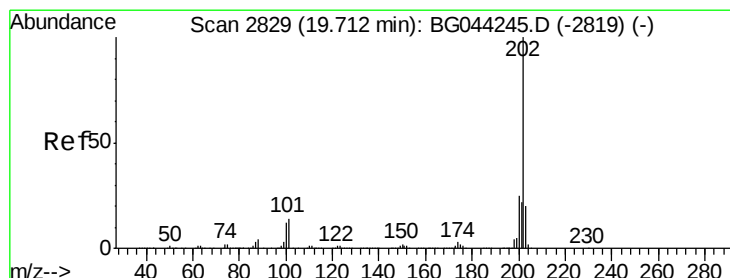
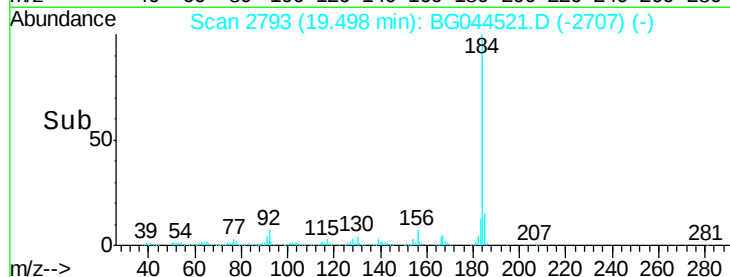
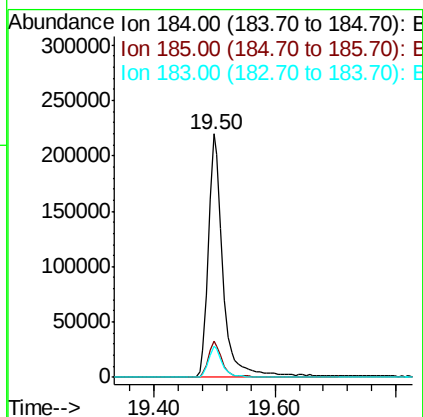
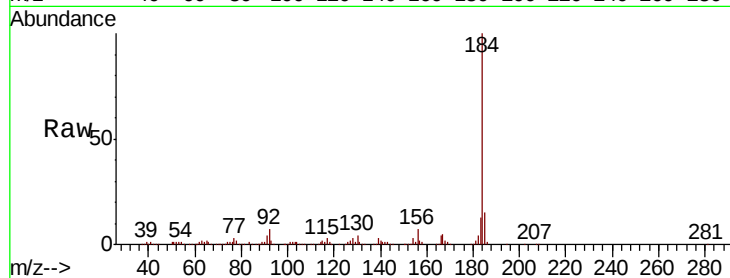
ClientSampleId :

PB126886BSD

Tot Ion:	184	Resp:	378222
Ion Ratio	Lower	Upper	
184	100		
185	14.8	12.9	19.3
183	13.0	10.8	16.2

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#78

Pyrene

Concen: 42.880 ng

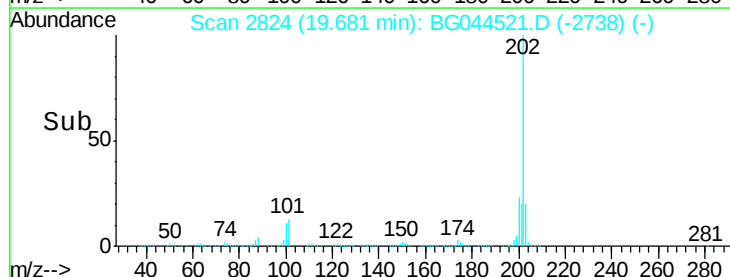
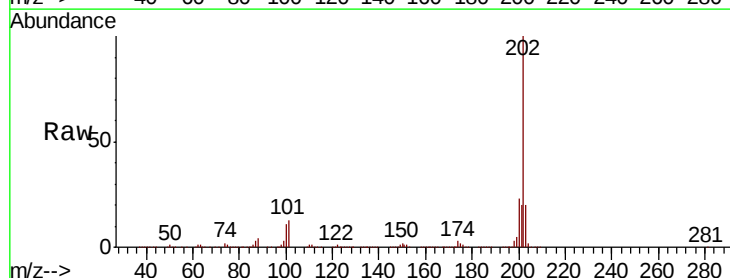
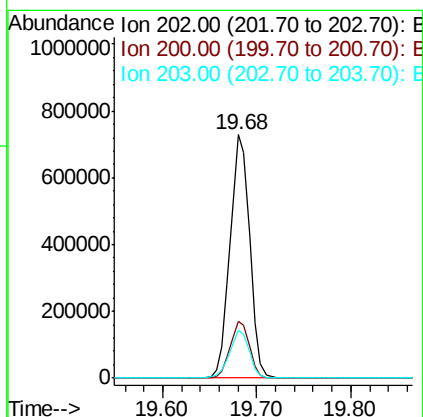
RT: 19.68 min Scan# 2824

Delta R.T. -0.02 min

Lab File: BG044521.D

Acq: 20 Feb 2020 15:19

Tgt Ion:	202	Resp:	1057663
Ion Ratio	Lower	Upper	
202	100		
200	23.4	20.0	30.0
203	19.6	16.2	24.2





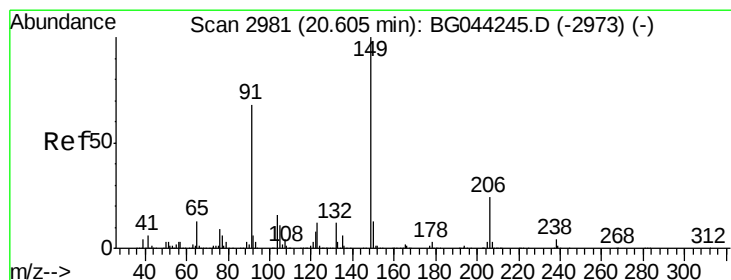
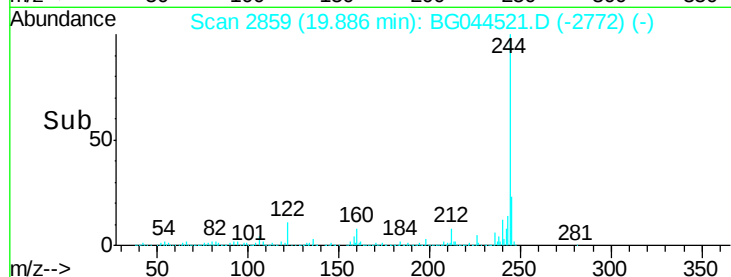
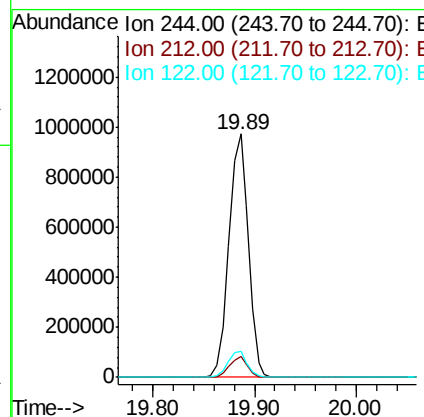
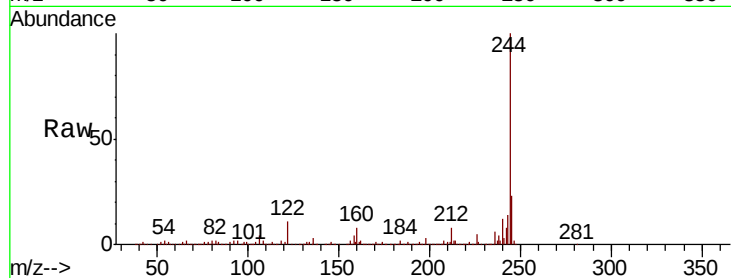
#79
 Terphenyl-d14
 Concen: 69.277 ng
 RT: 19.89 min Scan# 2859
 Delta R.T. -0.02 min
 Lab File: BG044521.D
 Acq: 20 Feb 2020 15:19

Instrument :
 BNA_G
 ClientSampleId :
 PB126886BSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.4	11.2
122	10.8	9.8	14.6

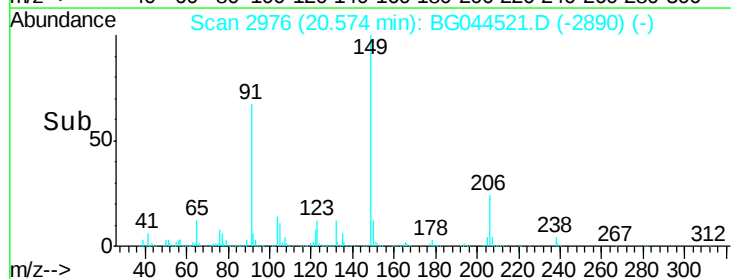
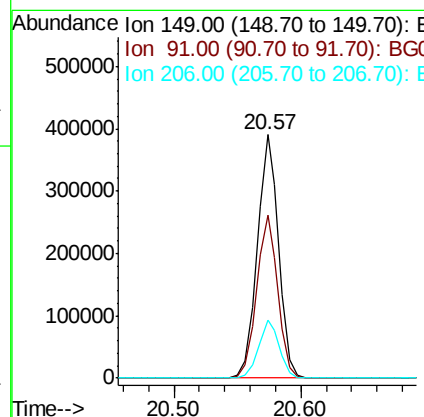
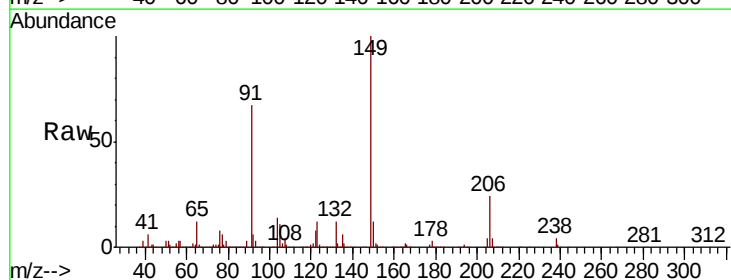
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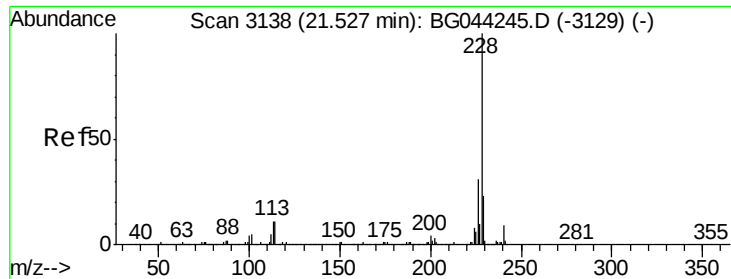
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#80
 Butylbenzylphthalate
 Concen: 40.657 ng
 RT: 20.57 min Scan# 2976
 Delta R.T. -0.02 min
 Lab File: BG044521.D
 Acq: 20 Feb 2020 15:19

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.0	54.5	81.7
206	23.7	19.1	28.7





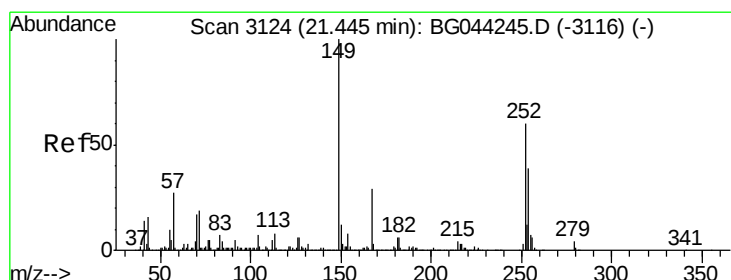
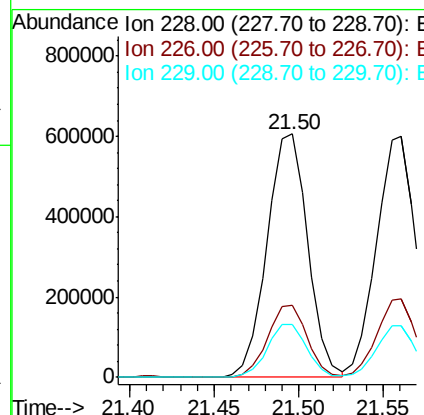
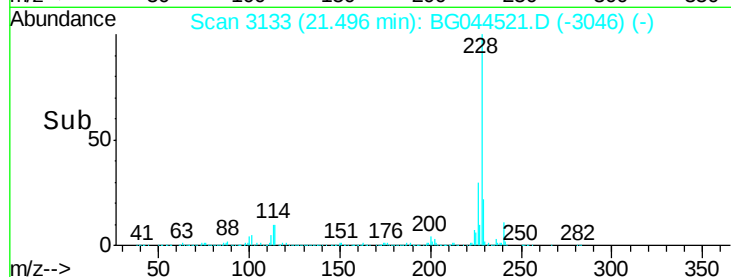
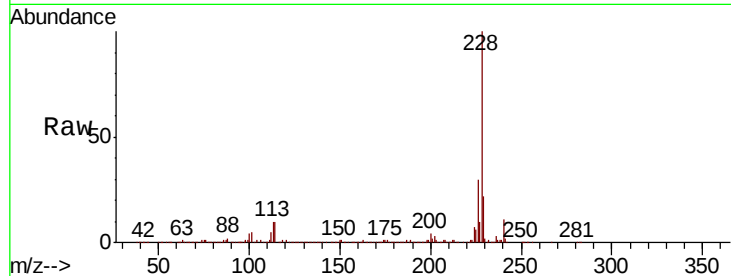
#81
Benzo(a)anthracene
Concen: 42.842 ng
RT: 21.50 min Scan# 3133
Delta R.T. -0.02 min
Lab File: BG044521.D
Acq: 20 Feb 2020 15:19

Instrument :
BNA_G
ClientSampleId :
PB126886BSD

Tot Ion:228 Resp: 1014109
Ion Ratio Lower Upper
228 100
226 29.8 24.7 37.1
229 21.8 18.2 27.4

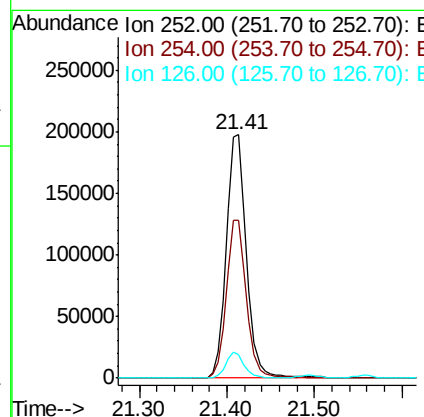
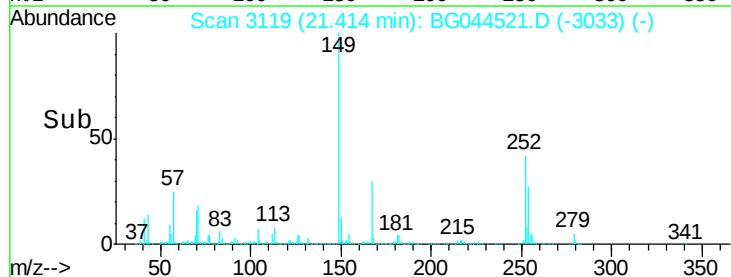
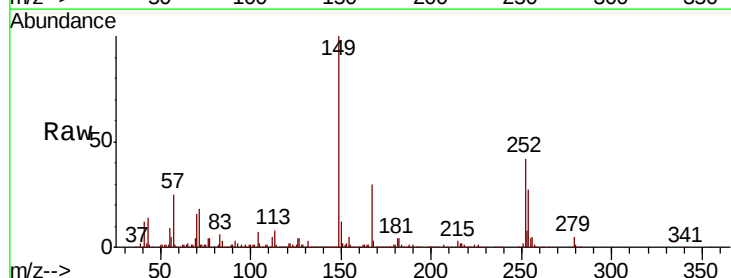
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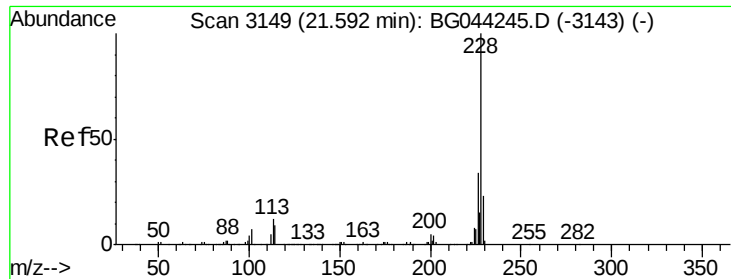
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#82
3,3'-Dichlorobenzidine
Concen: 34.240 ng
RT: 21.41 min Scan# 3119
Delta R.T. -0.02 min
Lab File: BG044521.D
Acq: 20 Feb 2020 15:19

Tgt Ion:252 Resp: 314562
Ion Ratio Lower Upper
252 100
254 64.8 52.6 78.8
126 9.5 8.2 12.4





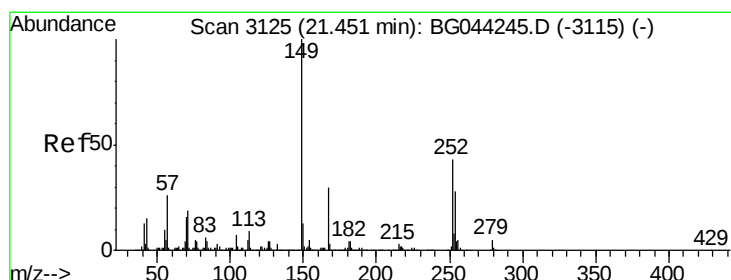
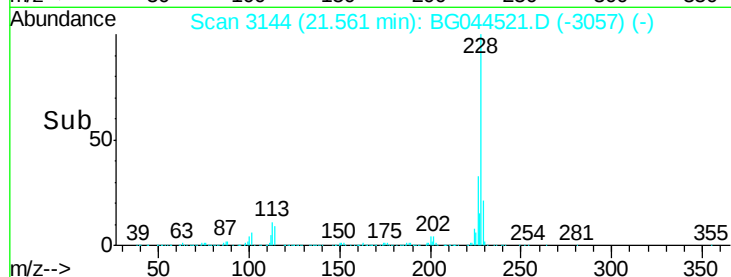
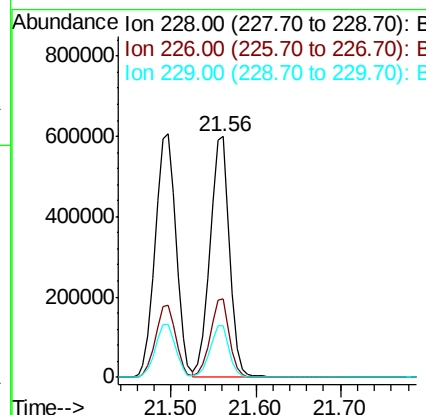
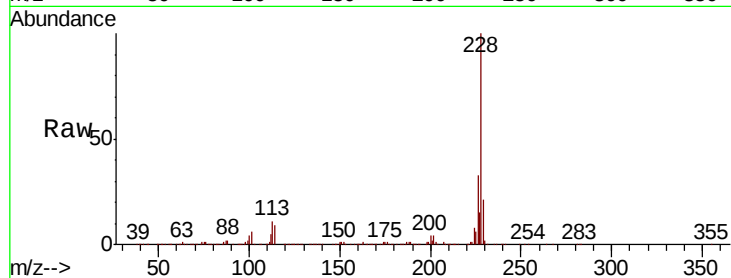
#83
Chrysene
Concen: 42.500 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.02 min
Lab File: BG044521.D
Acq: 20 Feb 2020 15:19

Instrument :
BNA_G
ClientSampleId :
PB126886BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.7	27.1	40.7
229	21.5	17.9	26.9

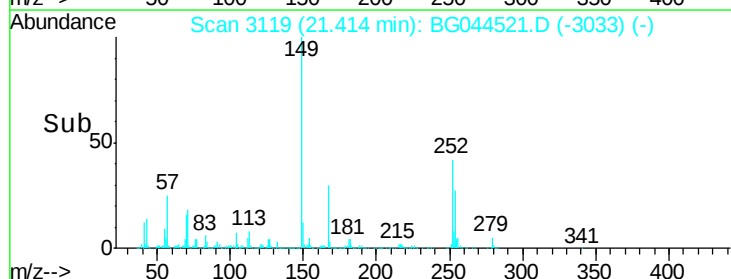
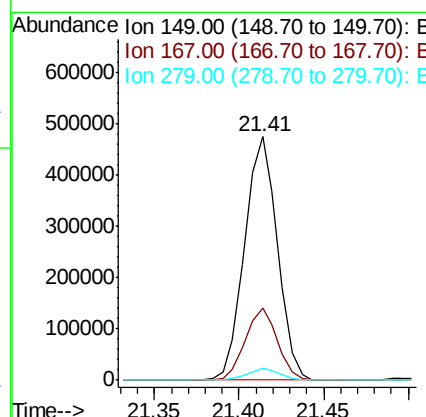
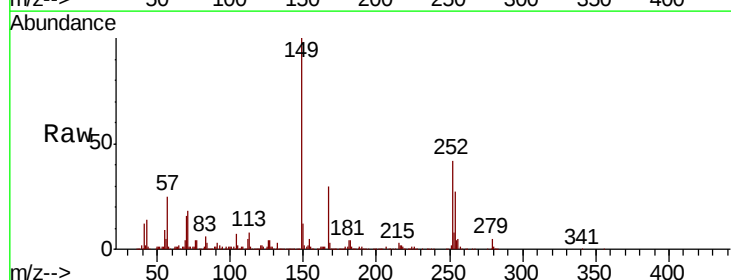
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#84
Bis(2-ethylhexyl)phthalate
Concen: 41.267 ng
RT: 21.41 min Scan# 3119
Delta R.T. -0.02 min
Lab File: BG044521.D
Acq: 20 Feb 2020 15:19

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.8	24.0	36.0
279	4.8	3.8	5.8





#85

Di-n-octyl phthalate

Concen: 42.695 ng

RT: 22.57 min Scan# 3316

Delta R.T. -0.03 min

Lab File: BG044521.D

Acq: 20 Feb 2020 15:19

Instrument :

BNA_G

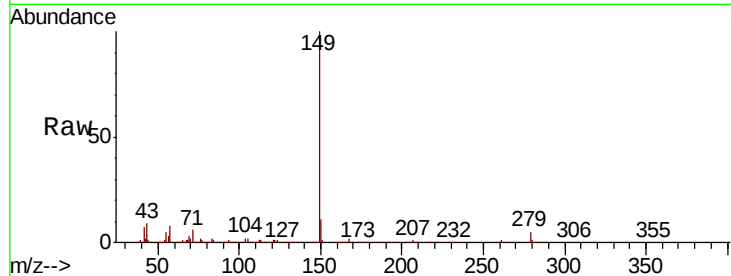
ClientSampleId :

PB126886BSD

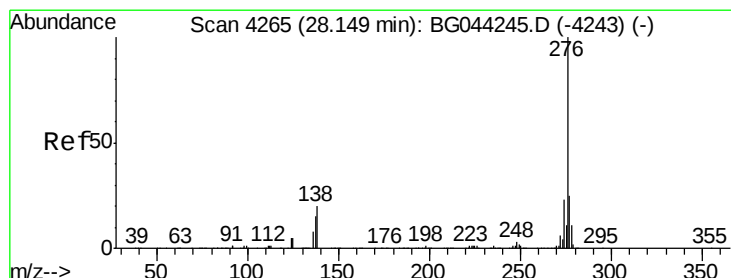
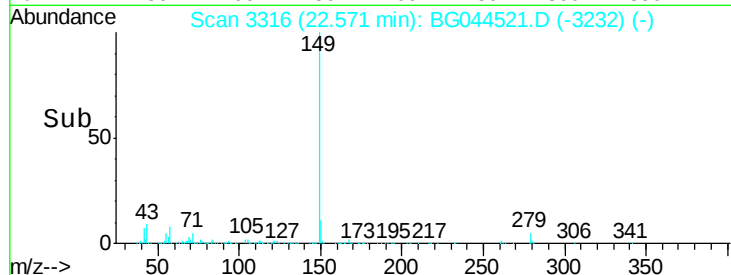
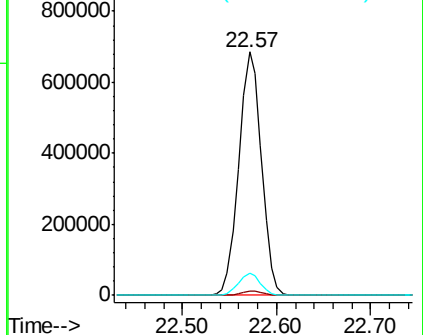
Tot Ion:	149	Resp:	1142902
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	8.7	7.4	11.0

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 44.200 ng

RT: 28.07 min Scan# 4252

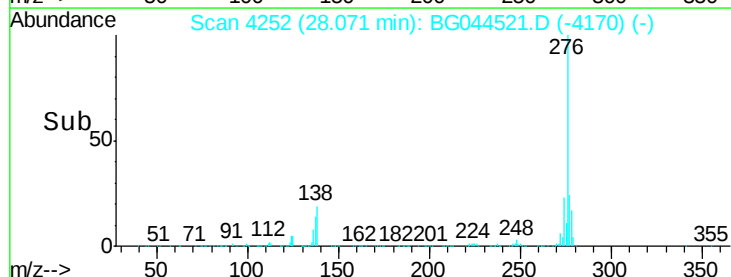
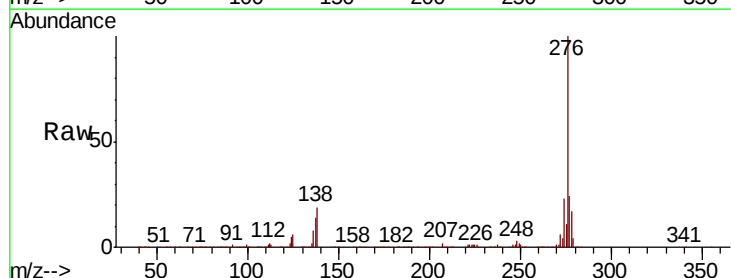
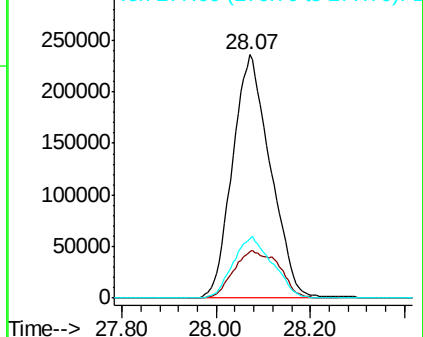
Delta R.T. -0.05 min

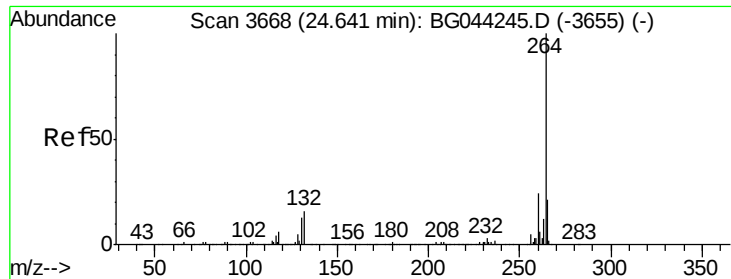
Lab File: BG044521.D

Acq: 20 Feb 2020 15:19

Tgt Ion:	276	Resp:	1319395
Ion	Ratio	Lower	Upper
276	100		
138	23.5	19.4	29.0
277	26.3	21.0	31.6

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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.59 min Scan# 3659

Delta R.T. -0.03 min

Lab File: BG044521.D

Acq: 20 Feb 2020 15:19

Instrument :

BNA_G

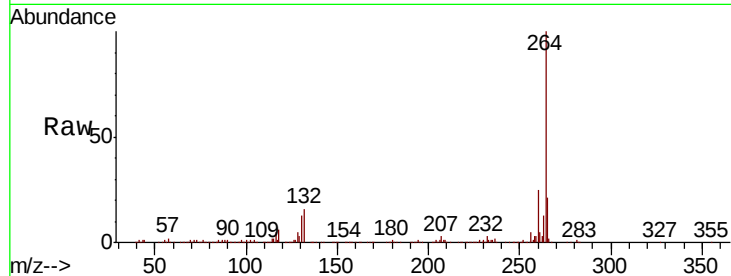
ClientSampleId :

PB126886BSD

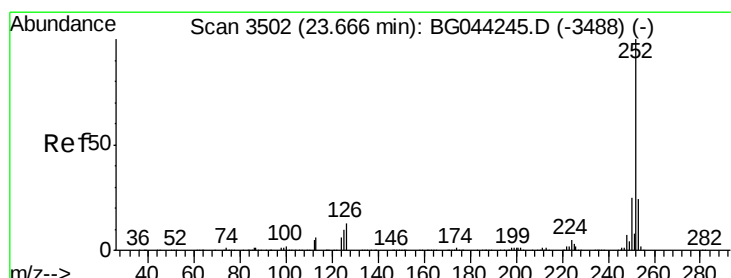
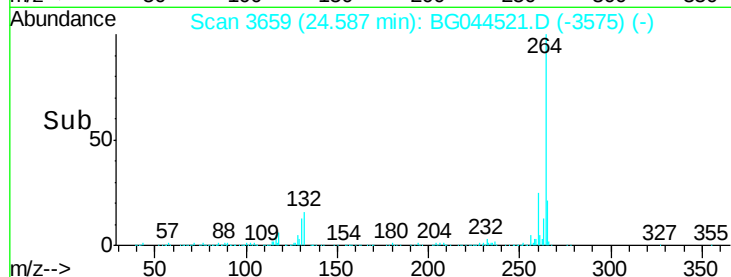
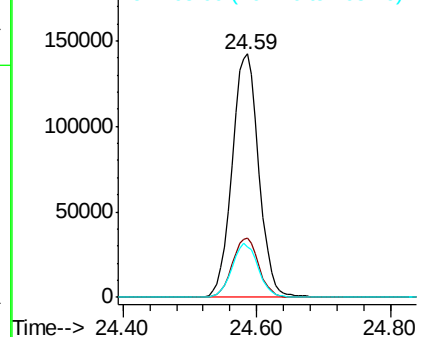
Tot Ion	Ion	Ratio	Lower	Upper
397814	264	100		
	260	24.5	19.4	29.2
	265	20.8	16.7	25.1

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 47.186 ng

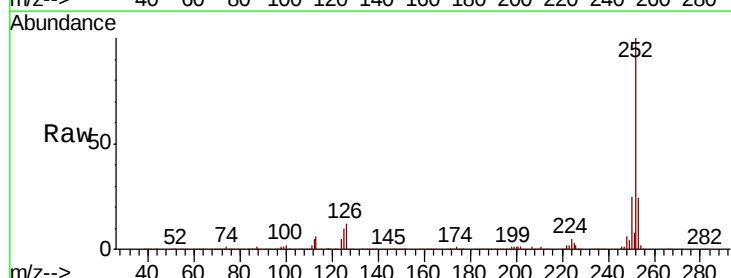
RT: 23.62 min Scan# 3494

Delta R.T. -0.03 min

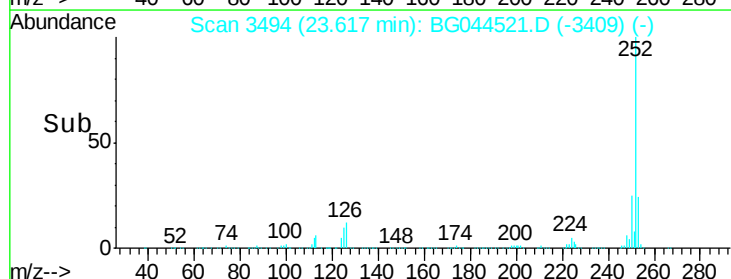
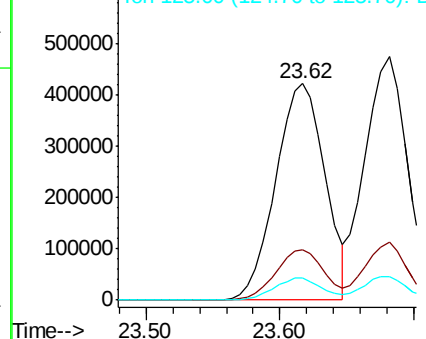
Lab File: BG044521.D

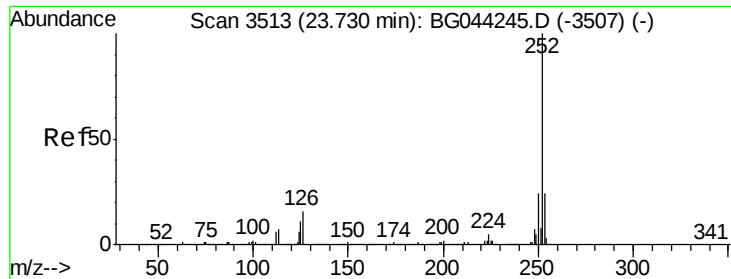
Acq: 20 Feb 2020 15:19

Tgt Ion	Ion	Ratio	Lower	Upper
1081666	252	100		
	253	23.6	19.2	28.8
	125	10.0	8.4	12.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





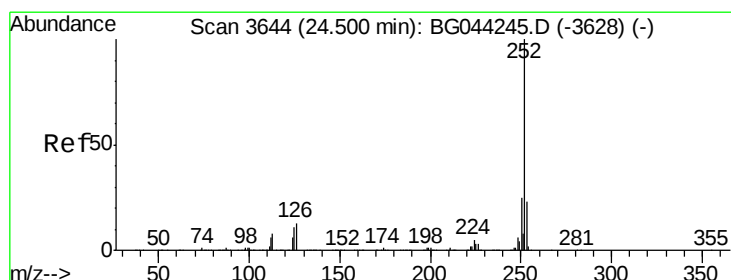
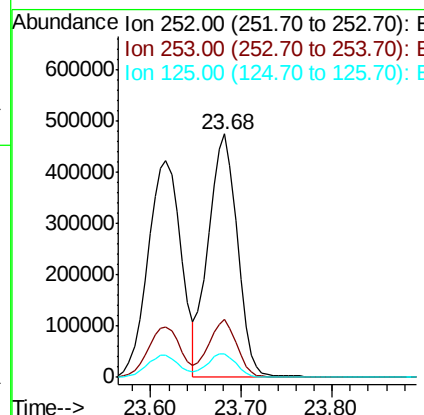
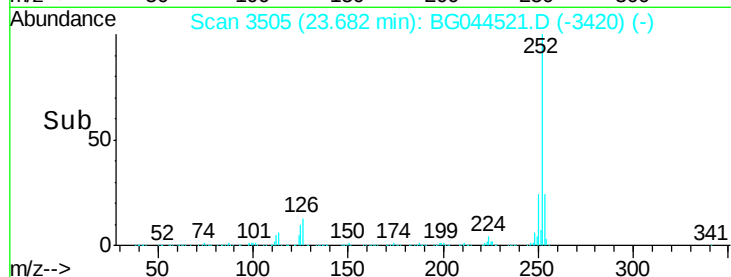
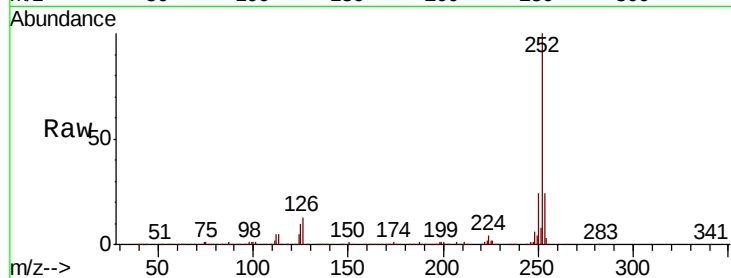
#89
Benzo(k)fluoranthene
Concen: 47.294 ng
RT: 23.68 min Scan# 3505
Delta R.T. -0.03 min
Lab File: BG044521.D
Acq: 20 Feb 2020 15:19

Instrument :
BNA_G
ClientSampleId :
PB126886BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	19.1	28.7
125	9.8	8.6	12.8

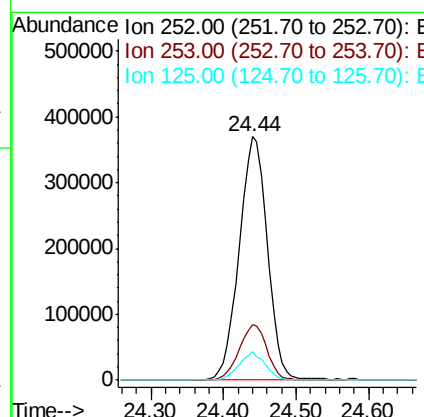
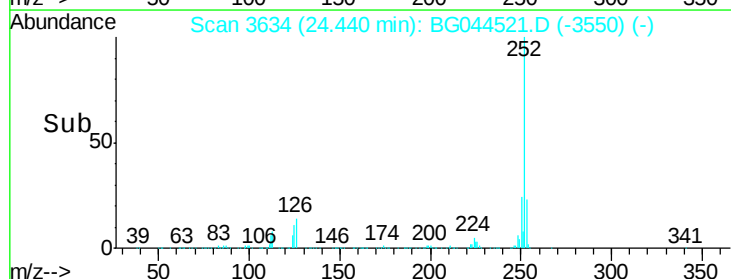
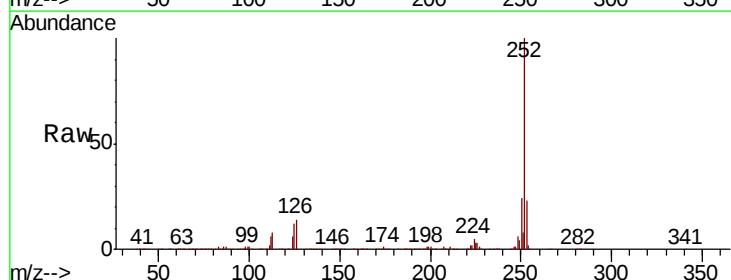
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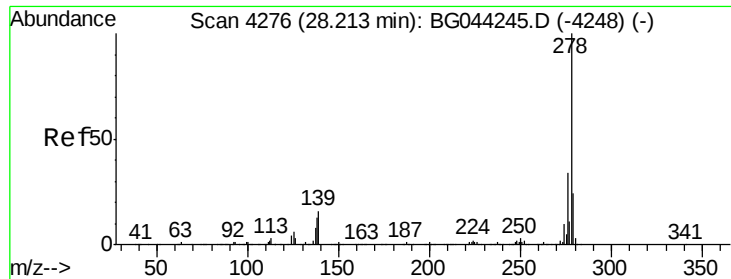
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#90
Benzo(a)pyrene
Concen: 46.034 ng
RT: 24.44 min Scan# 3634
Delta R.T. -0.03 min
Lab File: BG044521.D
Acq: 20 Feb 2020 15:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	11.5	8.6	13.0





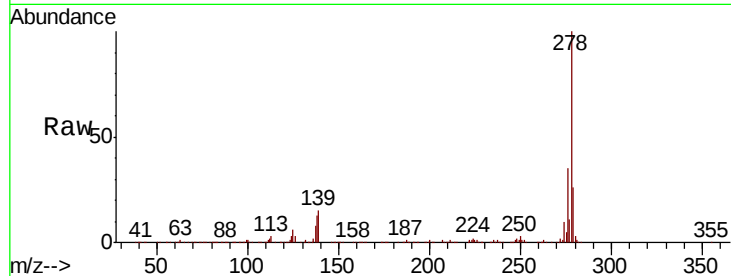
#91
Dibenzo(a,h)anthracene
Concen: 51.004 ng
RT: 28.13 min Scan# 4262
Delta R.T. -0.05 min
Lab File: BG044521.D
Acq: 20 Feb 2020 15:19

Instrument :
BNA_G
ClientSampleId :
PB126886BSD

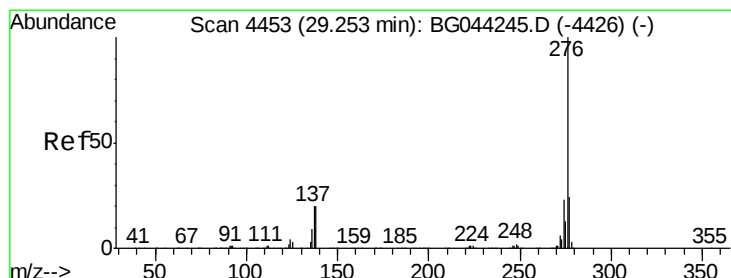
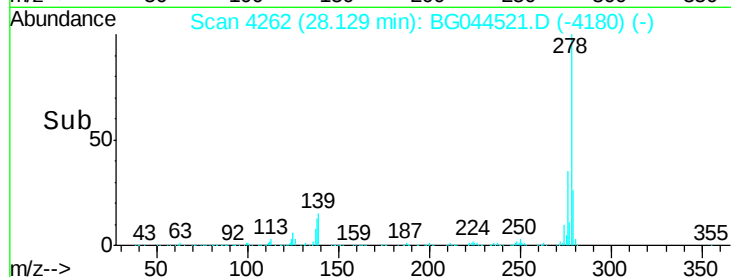
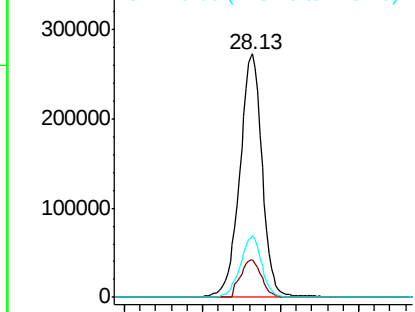
Tot Ion	Ratio	Lower	Upper
278	100		
139	15.3	12.7	19.1
279	25.5	19.3	28.9

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



#92
Benzo(g,h,i)perylene
Concen: 52.539 ng
RT: 29.16 min Scan# 4437
Delta R.T. -0.05 min
Lab File: BG044521.D
Acq: 20 Feb 2020 15:19

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.8	28.2
138	20.1	16.2	24.2

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

