

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031320\
 Data File : BG044766.D
 Acq On : 13 Mar 2020 14:19
 Operator : CG/JU
 Sample : PB127481BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB127481BSD

Manual Integrations
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Quant Time: Mar 13 15:39:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 10 16:27:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	130791	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	553696	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	382177	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	849855	20.00	ng	0.00
76) Chrysene-d12	21.71	240	728489	20.00	ng	0.00
87) Perylene-d12	24.92	264	688157	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	1056579	125.76	ng	0.00
7) Phenol-d6	7.21	99	1511614	123.83	ng	0.00
23) Nitrobenzene-d5	9.21	82	848328	67.23	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	581164	116.14	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1722318	64.54	ng	0.00
79) Terphenyl-d14	20.05	244	2439384	62.64	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.52	88	134730	33.300 ng	98
3) Pyridine	3.91	79	349855	29.209 ng	98
4) n-Nitrosodimethylamine	3.82	42	180737	39.771 ng	98
6) Aniline	7.37	93	523467	34.462 ng	99
8) 2-Chlorophenol	7.62	128	401964	47.926 ng	99
9) Benzaldehyde	7.18	77	154207	17.152 ng	98
10) Phenol	7.24	94	565676	46.806 ng	99
11) bis(2-Chloroethyl)ether	7.47	93	407570	42.256 ng	99
12) 1,3-Dichlorobenzene	7.94	146	397735	38.496 ng	95
13) 1,4-Dichlorobenzene	8.09	146	402748	39.430 ng	99
14) 1,2-Dichlorobenzene	8.41	146	389046	40.160 ng	97
15) Benzyl Alcohol	8.29	79	445447	45.480 ng	99
16) 2,2'-oxybis(1-Chloropropan	8.58	45	648556	38.103 ng	99
17) 2-Methylphenol	8.49	107	390281	47.674 ng	97
18) Hexachloroethane	9.15	117	158789	39.486 ng	96
19) n-Nitroso-di-n-propylamine	8.87	70	358974	41.646 ng	98
20) 3+4-Methylphenols	8.82	107	530171	46.980 ng	98
22) Acetophenone	8.88	105	626341	39.929 ng	# 97
24) Nitrobenzene	9.25	77	533702	40.764 ng	98
25) Isophorone	9.78	82	987580	40.102 ng	# 97
26) 2-Nitrophenol	9.97	139	218502	48.063 ng	97
27) 2,4-Dimethylphenol	10.03	122	396495	49.440 ng	99
28) bis(2-Chloroethoxy)methane	10.26	93	564580	38.415 ng	96
29) 2,4-Dichlorophenol	10.50	162	414894	44.292 ng	98
30) 1,2,4-Trichlorobenzene	10.73	180	432889	38.649 ng	98
31) Naphthalene	10.92	128	1217359	39.689 ng	98
32) Benzoic acid	10.18	122	279754	45.427 ng	97
33) 4-Chloroaniline	11.01	127	327068	23.668 ng	98
34) Hexachlorobutadiene	11.21	225	282902	38.408 ng	98
35) Caprolactam	11.79	113	154449m	43.549 ng	
36) 4-Chloro-3-methylphenol	12.13	107	479650	42.934 ng	95
37) 2-Methylnaphthalene	12.52	142	912122	39.754 ng	97
38) 1-Methylnaphthalene	12.74	142	865564	40.128 ng	94
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	487954	38.769 ng	99

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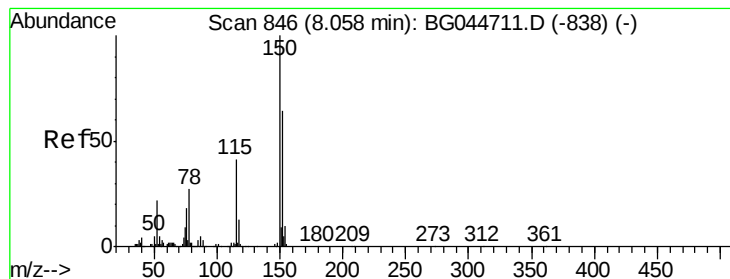
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Quant Time: Mar 13 15:39:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 10 16:27:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	545747	79.341	nq	96
43) 2,4,6-Trichlorophenol	13.12	196	358679	42.941	nq	97
44) 2,4,5-Trichlorophenol	13.19	196	371924	42.935	nq	99
46) 1,1'-Biphenyl	13.52	154	1138293	37.271	nq	99
47) 2-Chloronaphthalene	13.57	162	871668	37.362	nq	98
48) 2-Nitroaniline	13.75	65	342730	41.961	nq	99
49) Acenaphthylene	14.41	152	1428630	39.087	nq	100
50) Dimethylphthalate	14.14	163	1152065	37.849	nq	100
51) 2,6-Dinitrotoluene	14.25	165	262980	42.862	nq	98
52) Acenaphthene	14.75	154	1028647	42.973	nq	98
53) 3-Nitroaniline	14.58	138	209352	29.679	nq	94
54) 2,4-Dinitrophenol	14.78	184	283070	87.428	nq	# 68
55) Dibenzofuran	15.09	168	1337315	38.526	nq	98
56) 4-Nitrophenol	14.89	139	476884	88.583	nq	98
57) 2,4-Dinitrotoluene	15.04	165	364998	43.376	nq	# 95
58) Fluorene	15.73	166	1094206	38.320	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.31	232	347319m	43.550	nq	
60) Diethylphthalate	15.51	149	1181737	37.223	nq	99
61) 4-Chlorophenyl-phenylether	15.73	204	603414	39.245	nq	99
62) 4-Nitroaniline	15.75	138	264696	35.191	nq	99
63) Azobenzene	16.02	77	1250050	37.917	nq	97
65) 4,6-Dinitro-2-methylphenol	15.80	198	205915	50.927	nq	98
66) n-Nitrosodiphenylamine	15.94	169	1001344	39.136	nq	99
67) 4-Bromophenyl-phenylether	16.62	248	410712	38.657	nq	98
68) Hexachlorobenzene	16.74	284	437439	37.951	nq	99
69) Atrazine	16.89	200	415793	44.355	nq	99
70) Pentachlorophenol	17.09	266	553298	87.244	nq	98
71) Phenanthrene	17.48	178	1723184	37.943	nq	99
72) Anthracene	17.57	178	1726962	38.564	nq	100
73) Carbazole	17.83	167	1654319	38.458	nq	98
74) Di-n-butylphthalate	18.40	149	1924600	36.806	nq	98
75) Fluoranthene	19.48	202	2066350	38.213	nq	98
77) Benzidine	19.65	184	607368	25.682	nq	97
78) Pyrene	19.84	202	2055736	38.463	nq	96
80) Butylbenzylphthalate	20.73	149	903148	37.983	nq	99
81) Benzo(a)anthracene	21.69	228	2003723	38.198	nq	96
82) 3,3'-Dichlorobenzidine	21.60	252	711825	35.076	nq	98
83) Chrysene	21.75	228	1875584	37.431	nq	98
84) Bis(2-ethylhexyl)phthalate	21.62	149	1247536	38.016	nq	99
85) Di-n-octyl phthalate	22.84	149	2136521	38.907	nq	99
86) Indeno(1,2,3-cd)pyrene	28.59	276	2556473	38.916	nq	99
88) Benzo(b)fluoranthene	23.91	252	2198205	48.386	nq	100
89) Benzo(k)fluoranthene	23.98	252	2046581	47.603	nq	99
90) Benzo(a)pyrene	24.78	252	1988105	46.768	nq	100
91) Dibenzo(a,h)anthracene	28.65	278	2070657	49.374	nq	99
92) Benzo(g,h,i)perylene	29.74	276	2106407	49.713	nq	98

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



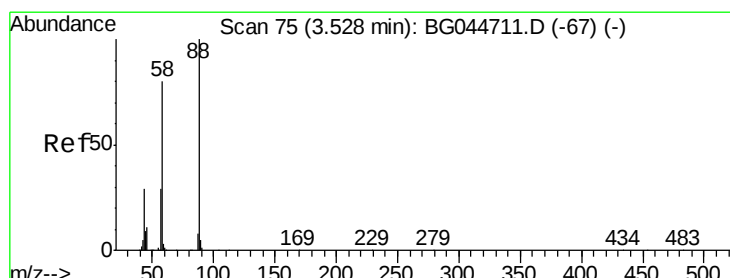
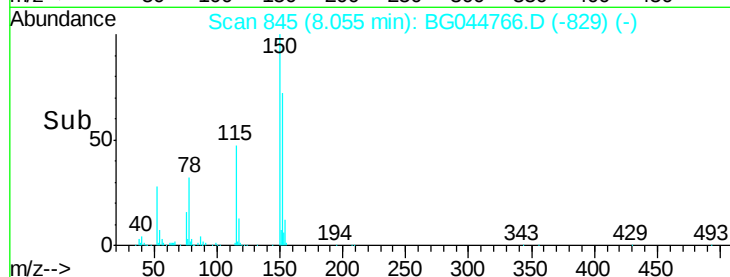
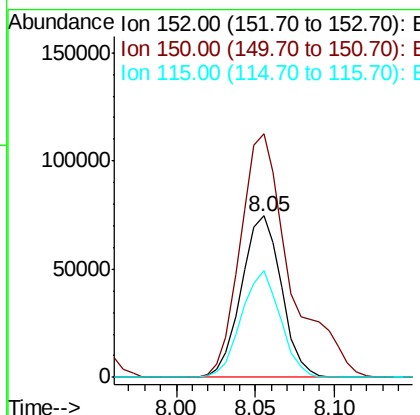
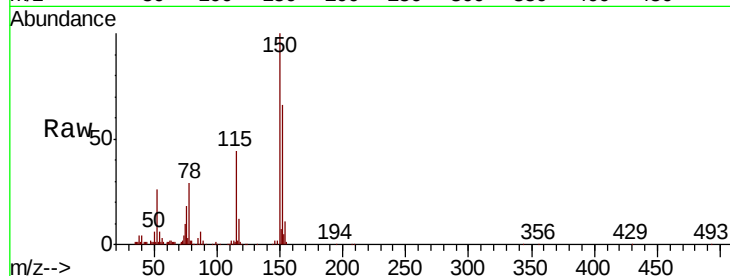
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 845
 Delta R.T. -0.00 min
 Lab File: BG044766.D
 Acq: 13 Mar 2020 14:19

Instrument :
 BNA_G
 ClientSampled :
 PB127481BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.0	125.3	187.9
115	65.9	51.7	77.5

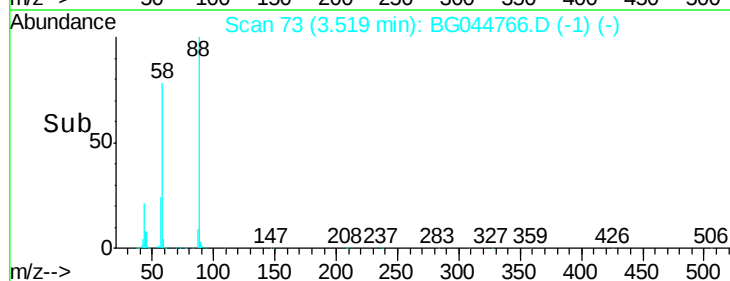
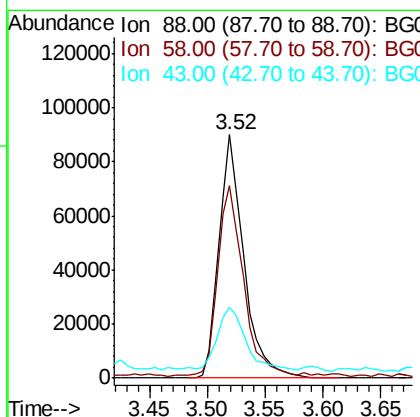
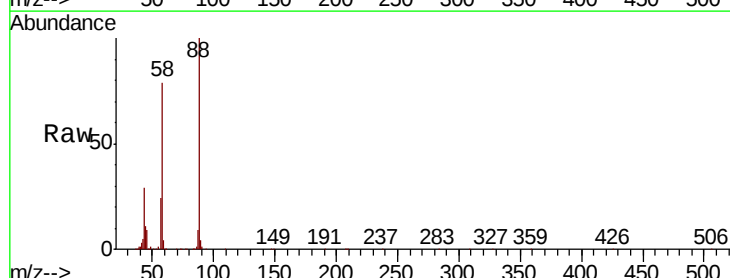
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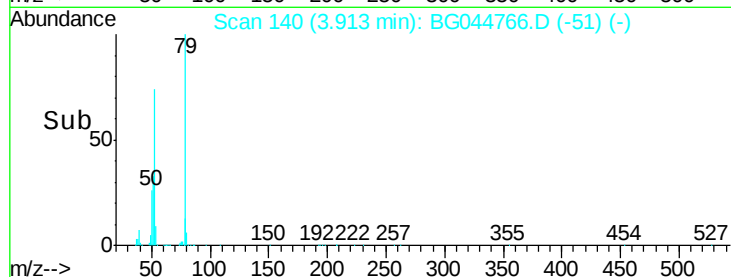
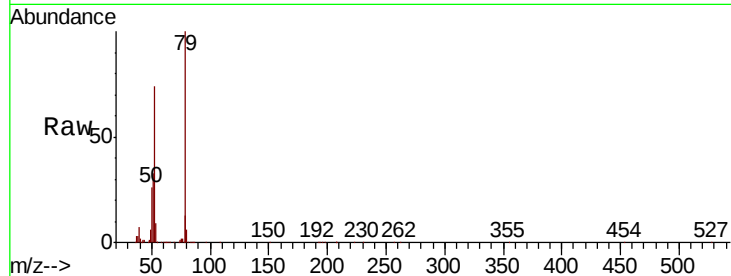
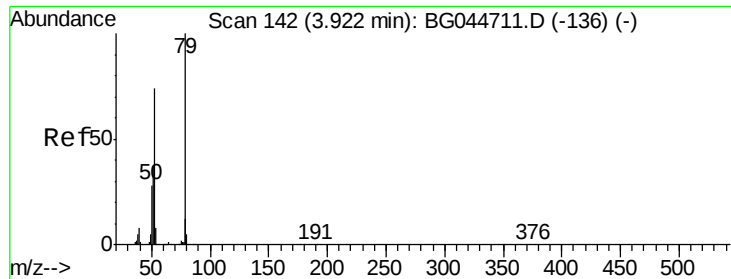
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#2
 1,4-Dioxane
 Concen: 33.300 ng
 RT: 3.52 min Scan# 73
 Delta R.T. -0.01 min
 Lab File: BG044766.D
 Acq: 13 Mar 2020 14:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.1	63.0	94.4
43	28.5	23.2	34.8





#3

Pvridine

Concen: 29.209 ng

RT: 3.91 min Scan# 140

Delta R.T. -0.01 min

Lab File: BG044766.D

Acq: 13 Mar 2020 14:19

Tot Ion:	79	Resp:	349855
Ion Ratio	Lower	Upper	
79	100		
52	74.4	59.4	89.2
51	33.4	29.7	44.5

Instrument :

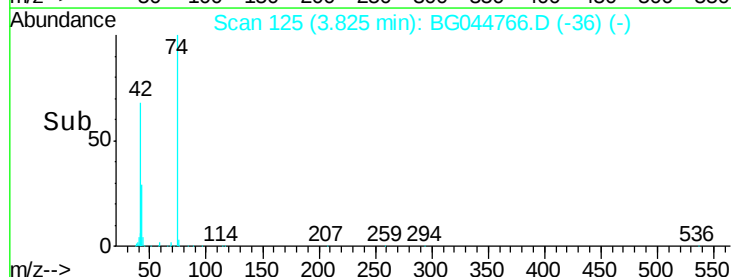
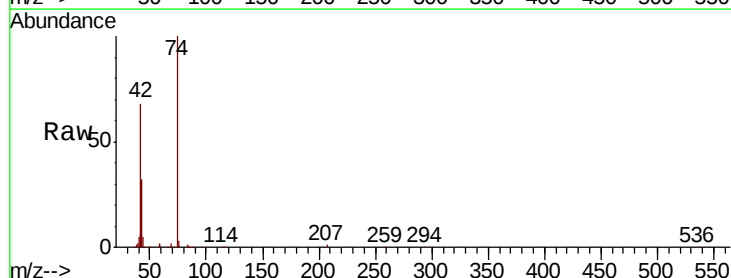
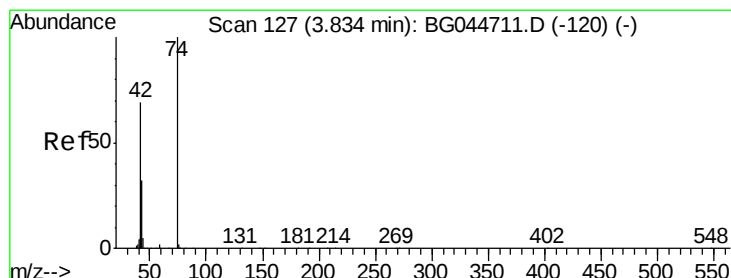
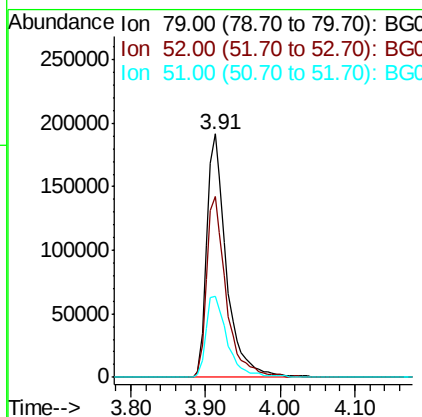
BNA_G

ClientSampleId :

PB127481BSD

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#4

n-Nitrosodimethylamine

Concen: 39.771 ng

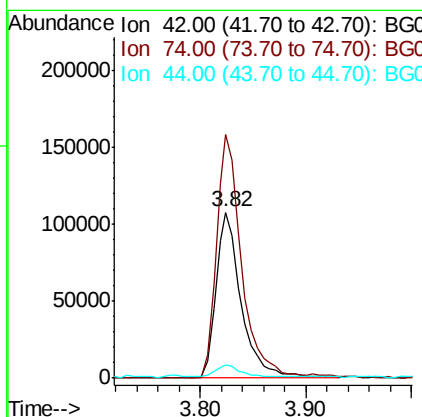
RT: 3.82 min Scan# 125

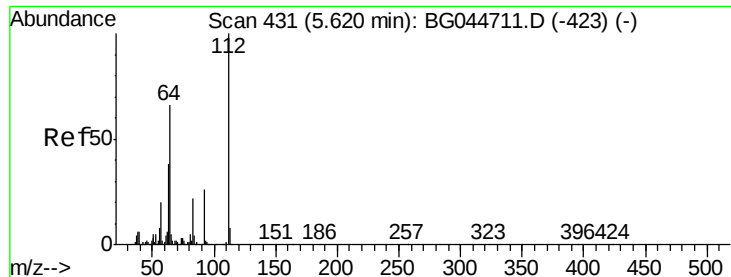
Delta R.T. -0.01 min

Lab File: BG044766.D

Acq: 13 Mar 2020 14:19

Tgt Ion:	42	Resp:	180737
Ion Ratio	Lower	Upper	
42	100		
74	147.0	116.1	174.1
44	8.0	7.1	10.7





#5

2-Fluorophenol

Concen: 125.755 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.00 min

Lab File: BG044766.D

Acq: 13 Mar 2020 14:19

Instrument :

BNA_G

ClientSampleId :

PB127481BSD

Tot Ion: 112 Resp: 1056579

Ion Ratio Lower Upper

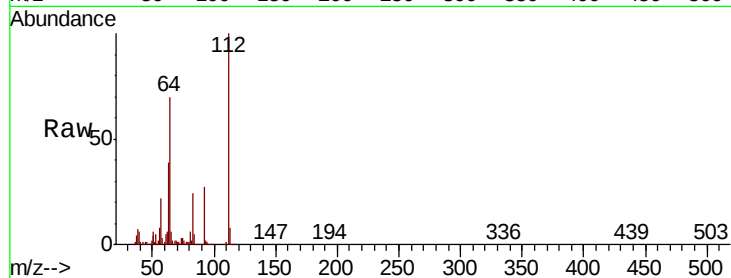
112 100

64 70.3 52.6 78.8

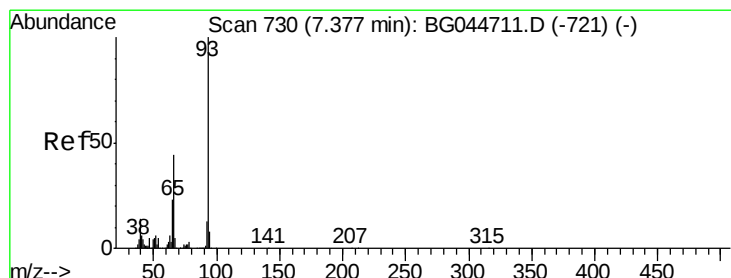
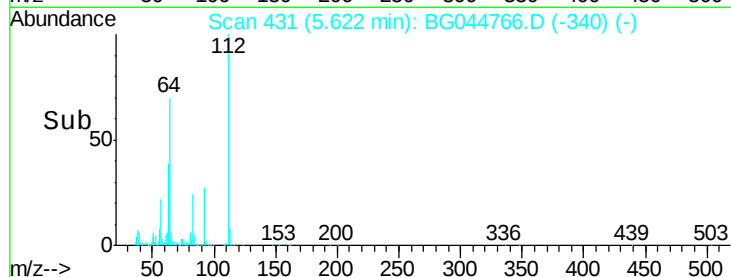
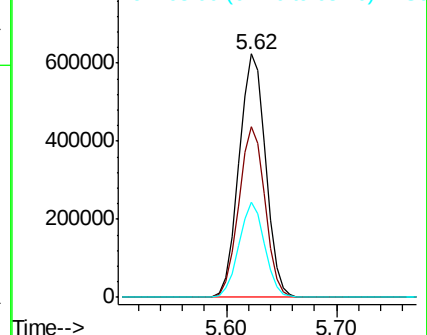
63 39.0 30.2 45.4

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Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 34.462 ng

RT: 7.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BG044766.D

Acq: 13 Mar 2020 14:19

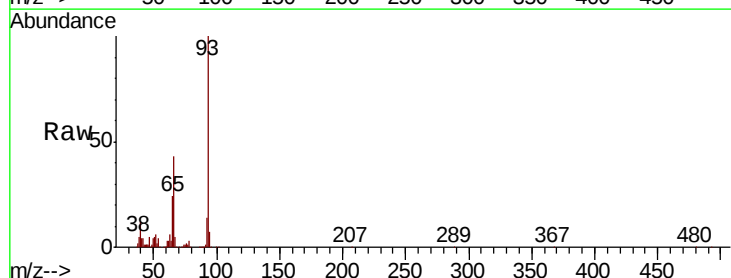
Tgt Ion: 93 Resp: 523467

Ion Ratio Lower Upper

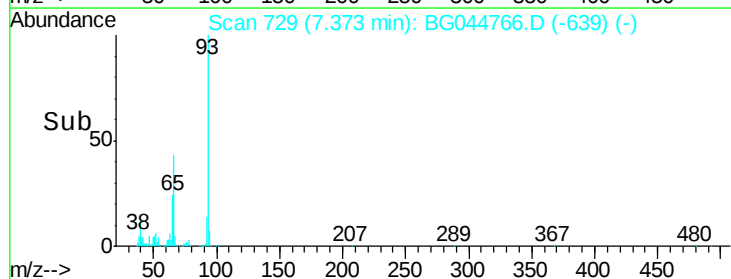
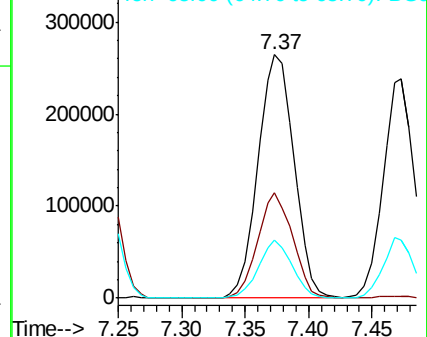
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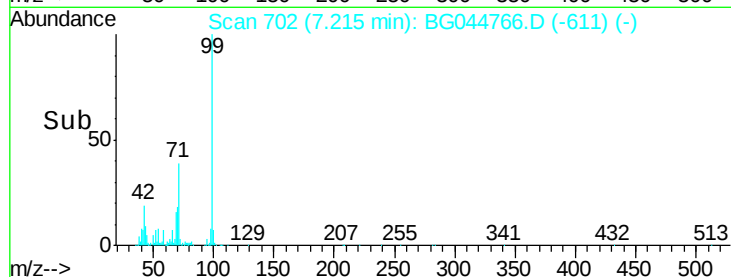
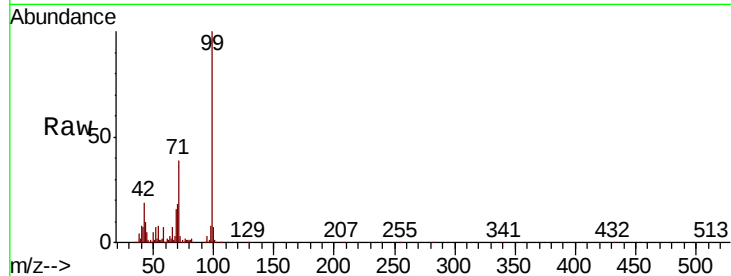
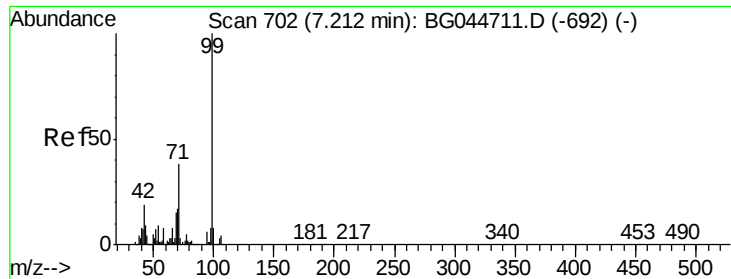
66 43.4 35.3 52.9

65 23.7 18.2 27.4



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 123.829 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG044766.D

Acq: 13 Mar 2020 14:19

Tot Ion:	99	Resp:	1511614
Ion	Ratio	Lower	Upper
99	100		
42	18.6	15.4	23.0
71	38.6	30.2	45.4

Instrument :

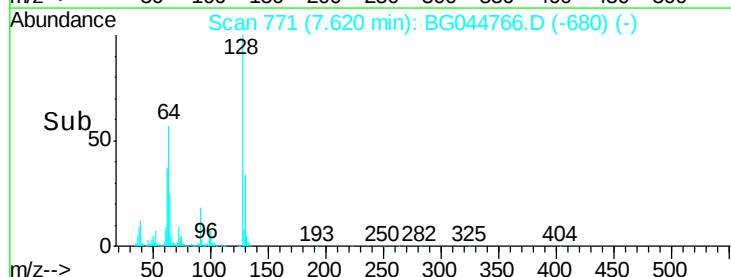
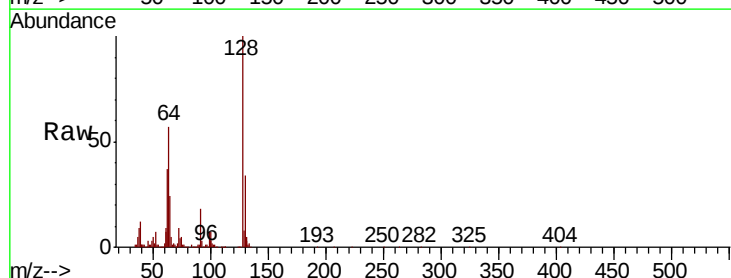
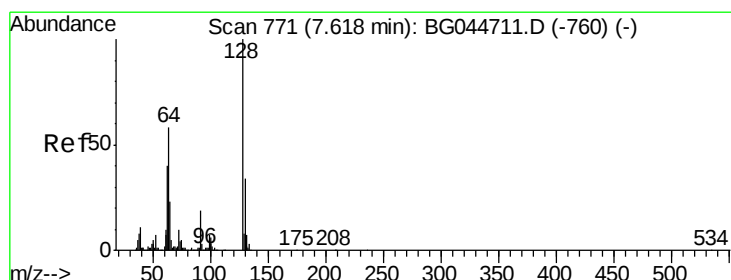
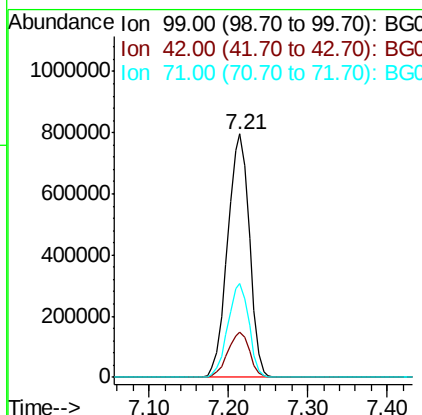
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#8

2-Chlorophenol

Concen: 47.926 ng

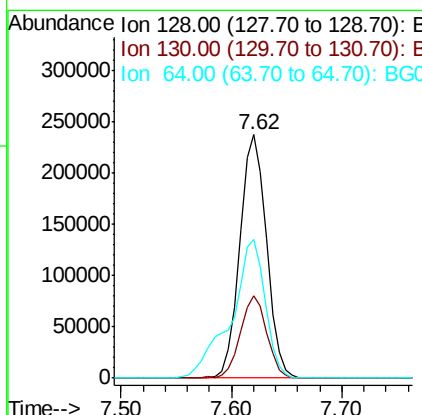
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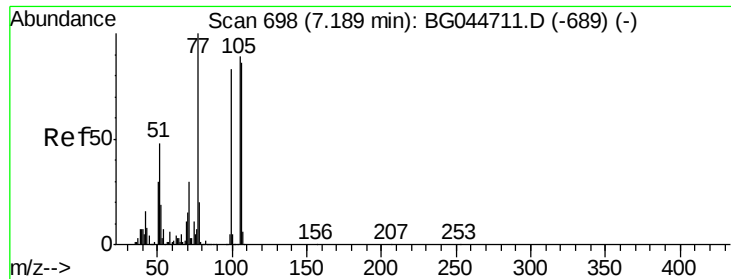
Delta R.T. 0.00 min

Lab File: BG044766.D

Acq: 13 Mar 2020 14:19

Tgt Ion:	128	Resp:	401964
Ion	Ratio	Lower	Upper
128	100		
130	33.6	13.6	53.6
64	57.1	38.6	78.6





#9

Benzaldehyde

Concen: 17.152 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG044766.D

Acq: 13 Mar 2020 14:19

Instrument :

BNA_G

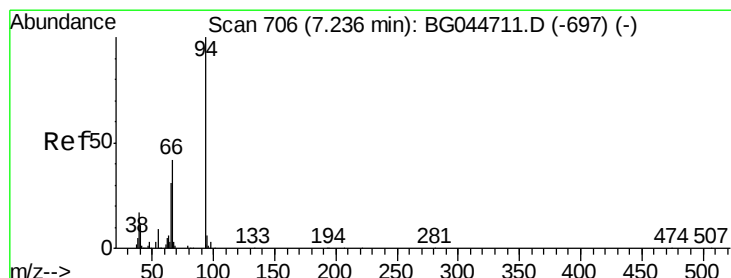
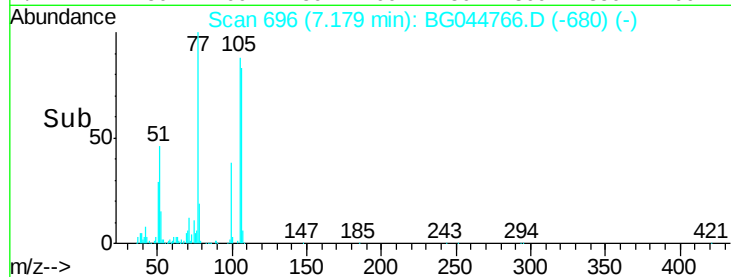
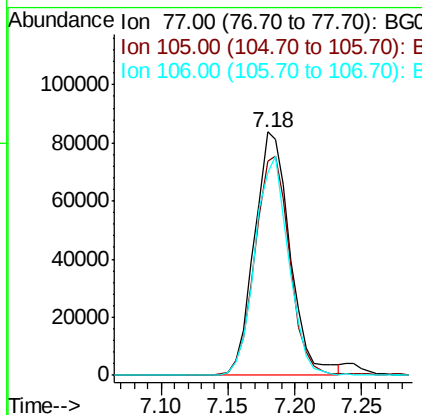
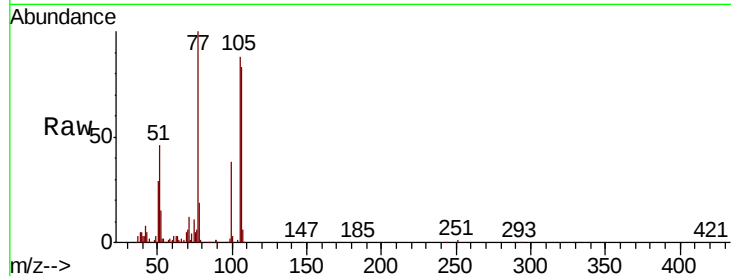
ClientSampleId :

PB127481BSD

Tot Ion:	77	Resp:	154207
Ion Ratio	Lower	Upper	
77	100		
105	87.7	68.6	108.6
106	83.2	65.9	105.9

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#10

Phenol

Concen: 46.806 ng

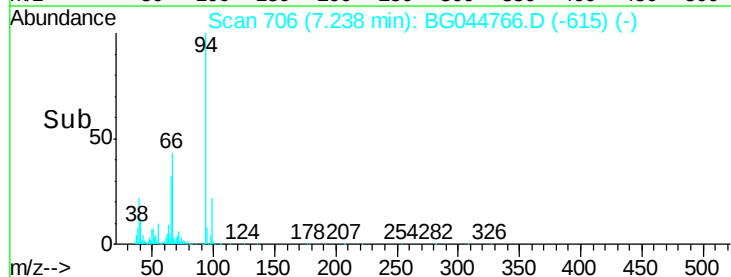
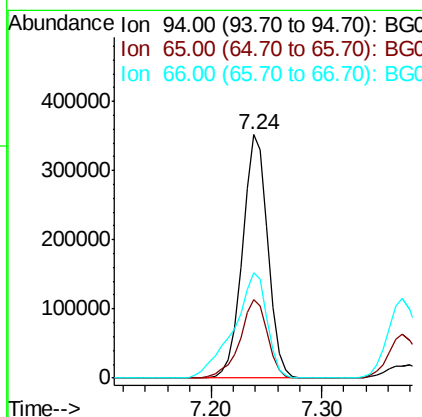
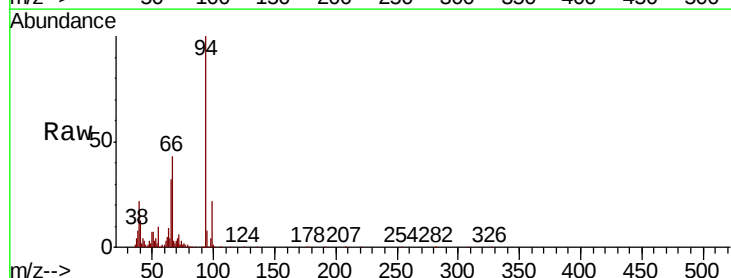
RT: 7.24 min Scan# 706

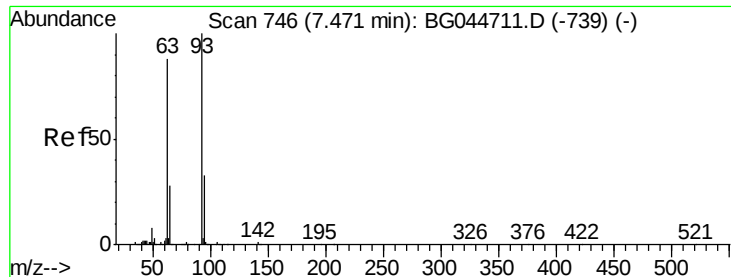
Delta R.T. 0.00 min

Lab File: BG044766.D

Acq: 13 Mar 2020 14:19

Tgt Ion:	94	Resp:	565676
Ion Ratio	Lower	Upper	
94	100		
65	32.1	11.3	51.3
66	43.4	22.9	62.9





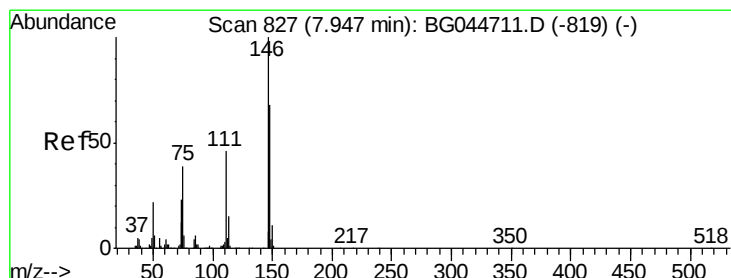
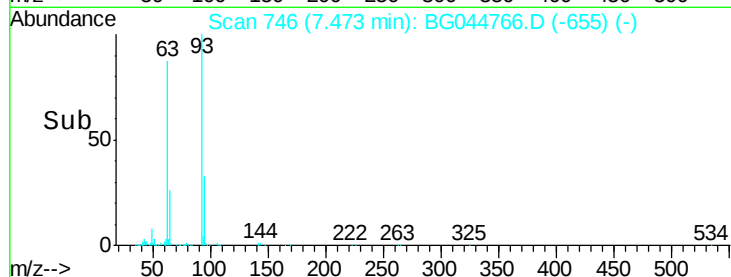
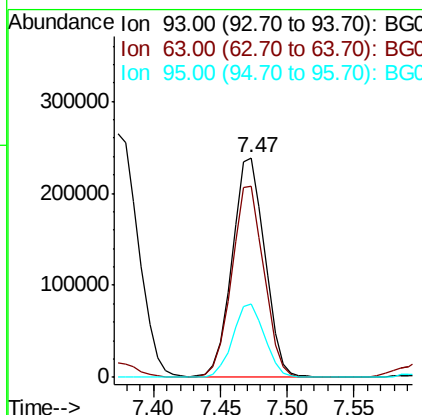
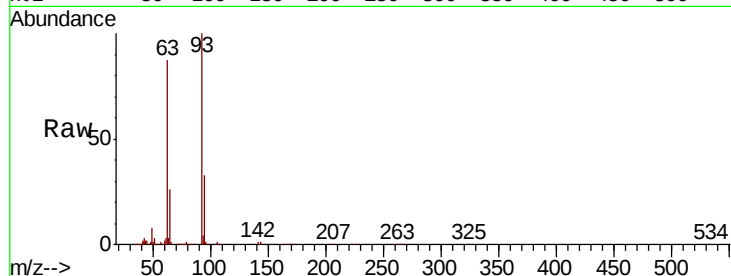
#11
bis(2-Chloroethyl)ether
Concen: 42.256 ng
RT: 7.47 min Scan# 746
Delta R.T. 0.00 min
Lab File: BG044766.D
Acq: 13 Mar 2020 14:19

Instrument :
BNA_G
ClientSampleId :
PB127481BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	87.1	68.1	108.1
95	33.1	12.4	52.4

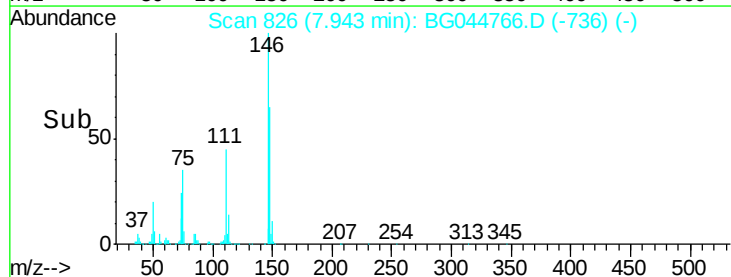
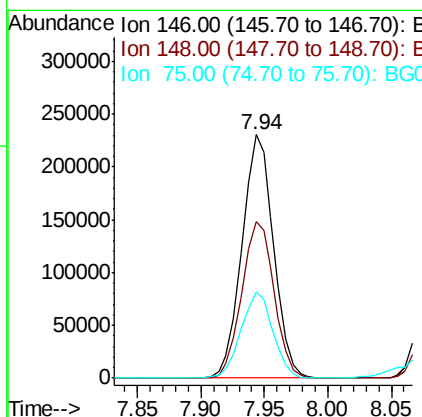
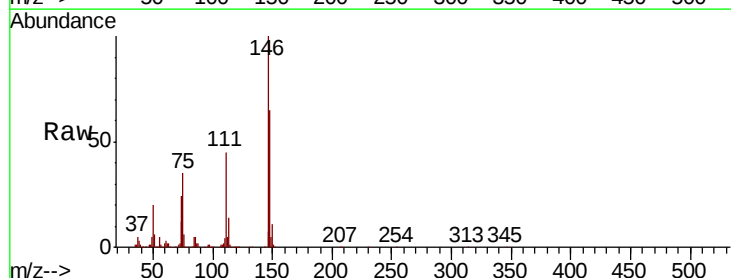
Manual Integrations
APPROVED

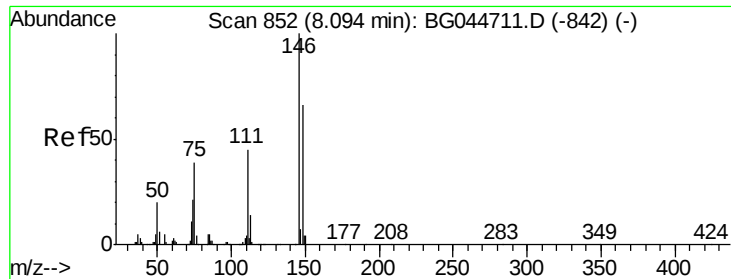
mohammad
3/16/2020 1:51:37 PM



#12
1,3-Dichlorobenzene
Concen: 38.496 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.00 min
Lab File: BG044766.D
Acq: 13 Mar 2020 14:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	54.2	81.2
75	35.2	31.3	46.9





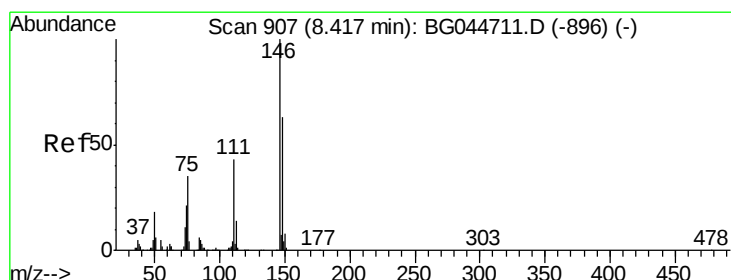
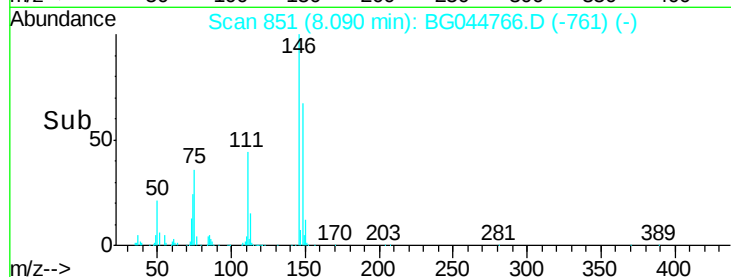
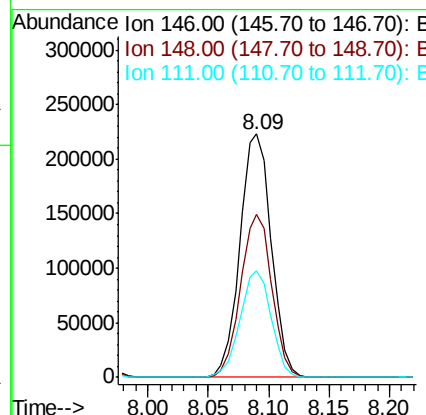
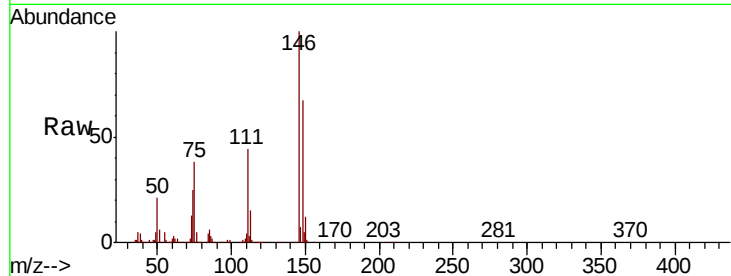
#13
1,4-Dichlorobenzene
Concen: 39.430 ng
RT: 8.09 min Scan# 851
Delta R.T. -0.00 min
Lab File: BG044766.D
Acq: 13 Mar 2020 14:19

Instrument :
BNA_G
ClientSampleId :
PB127481BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	67.2	52.9	79.3
111	43.7	35.6	53.4

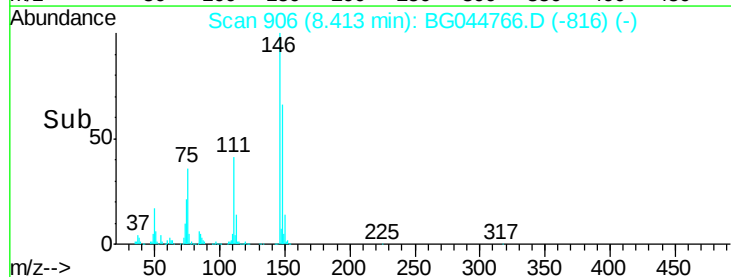
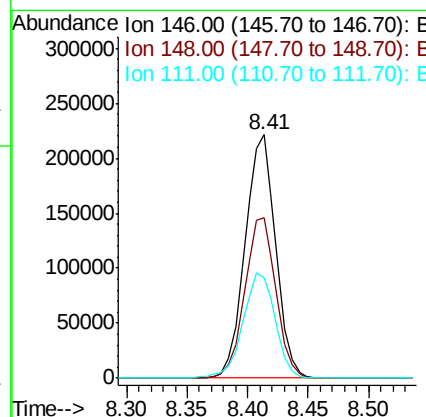
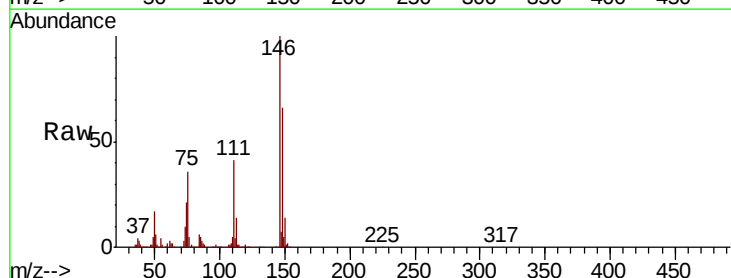
Manual Integrations
APPROVED

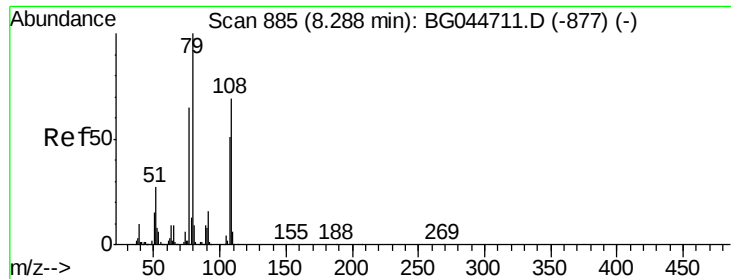
mohammad
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#14
1,2-Dichlorobenzene
Concen: 40.160 ng
RT: 8.41 min Scan# 906
Delta R.T. -0.00 min
Lab File: BG044766.D
Acq: 13 Mar 2020 14:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	50.8	76.2
111	41.4	34.8	52.2





#15

Benzyl Alcohol

Concen: 45.480 ng

RT: 8.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BG044766.D

Acq: 13 Mar 2020 14:19

Instrument :

BNA_G

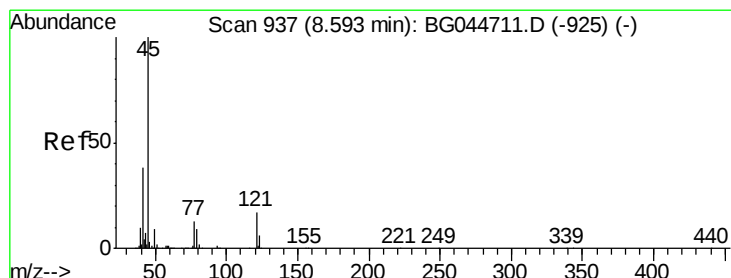
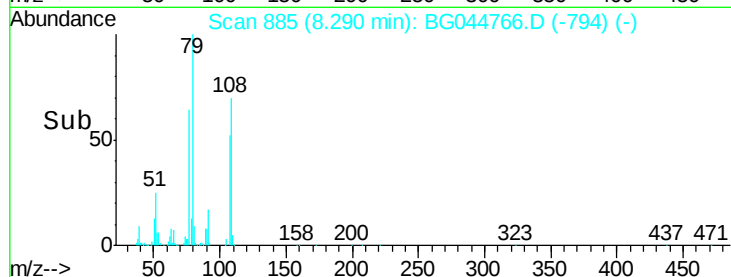
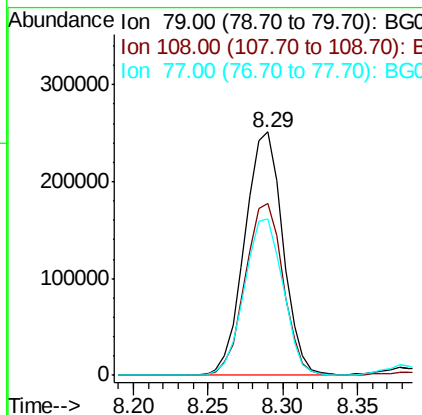
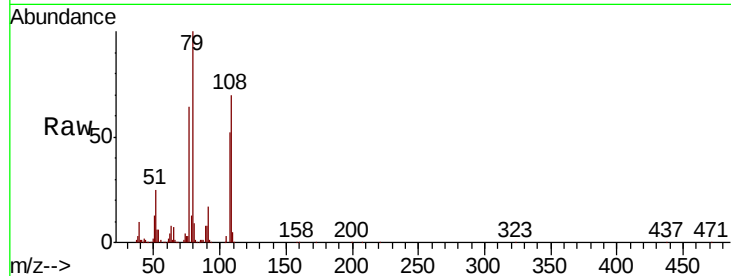
ClientSampleId :

PB127481BSD

Tot Ion:	79	Resp:	445447
Ion Ratio	Lower	Upper	
79	100		
108	70.4	55.4	83.0
77	64.3	52.2	78.4

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 38.103 ng

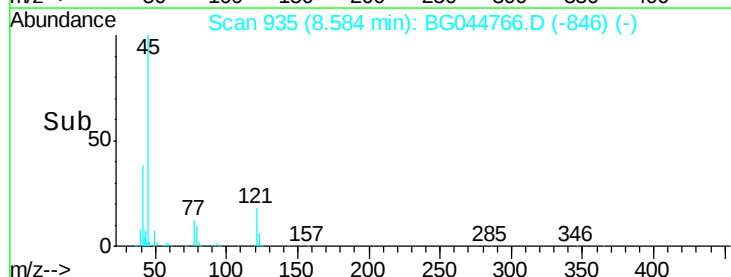
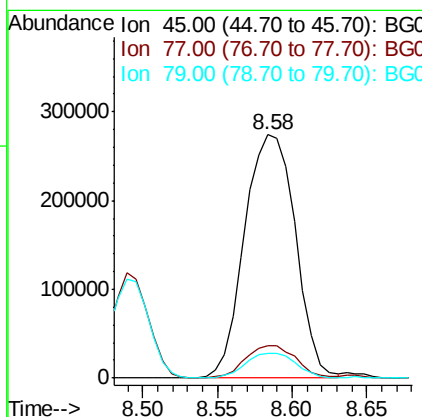
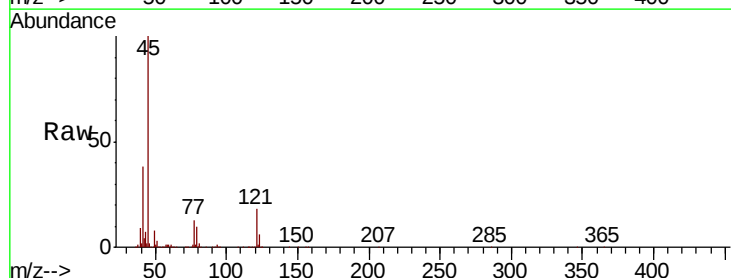
RT: 8.58 min Scan# 935

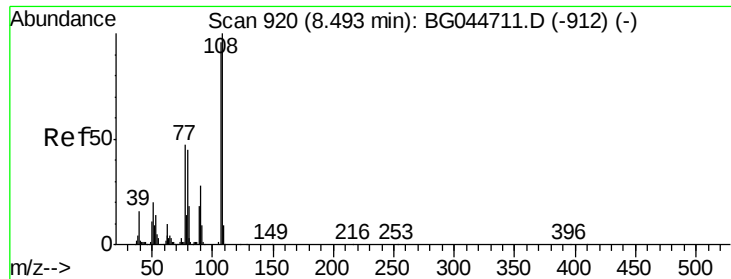
Delta R.T. -0.01 min

Lab File: BG044766.D

Acq: 13 Mar 2020 14:19

Tgt Ion:	45	Resp:	648556
Ion Ratio	Lower	Upper	
45	100		
77	13.2	0.0	33.4
79	10.4	0.0	30.0





#17

2-Methylphenol

Concen: 47.674 ng

RT: 8.49 min Scan# 919

Delta R.T. -0.00 min

Lab File: BG044766.D

Acq: 13 Mar 2020 14:19

Instrument :

BNA_G

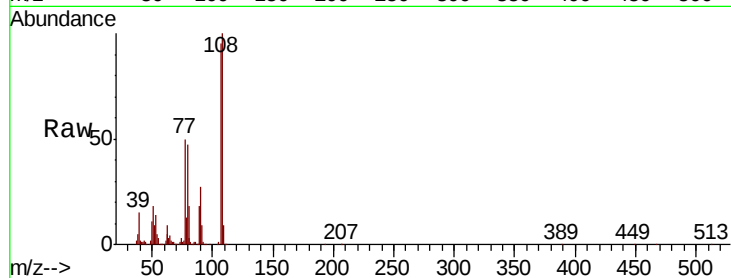
ClientSampleId :

PB127481BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	390281		
108	104.9	83.2	124.8	
77	52.3	39.0	58.6	
79	49.3	37.6	56.4	

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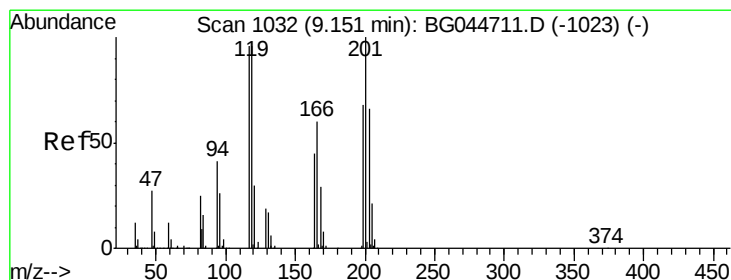
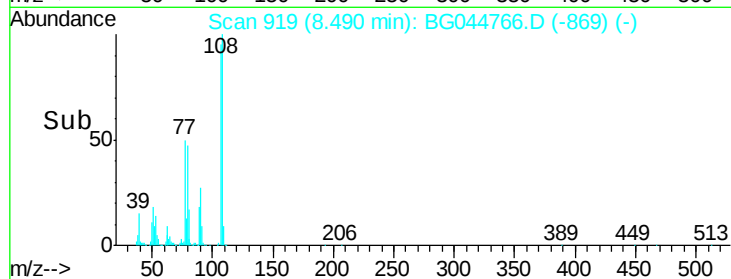
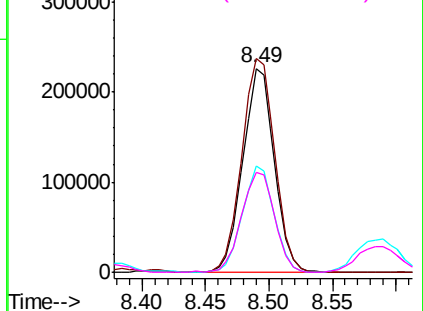
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 39.486 ng

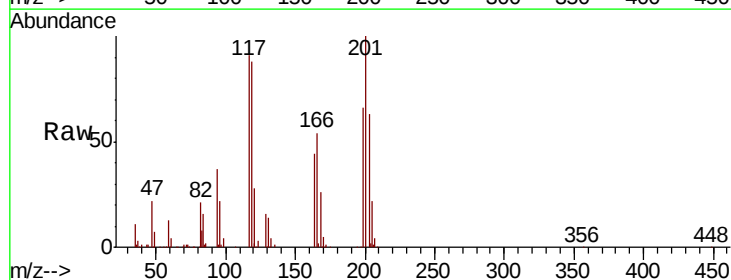
RT: 9.15 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BG044766.D

Acq: 13 Mar 2020 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	158789		
119	97.2	80.2	120.4	
201	110.0	83.4	125.2	

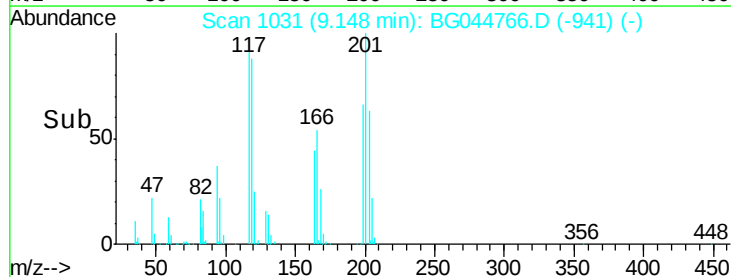
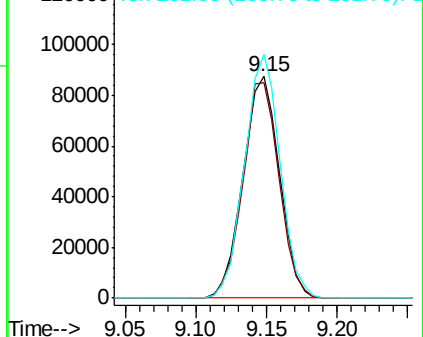


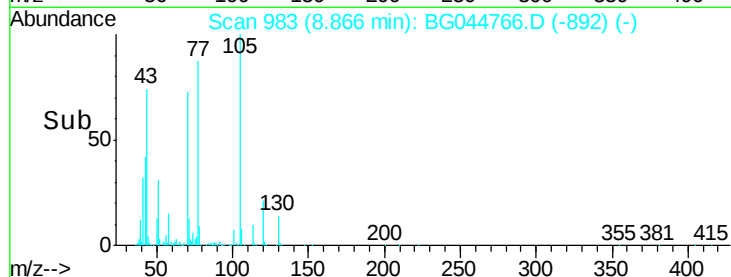
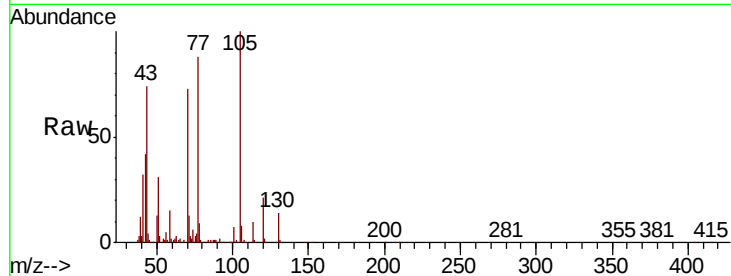
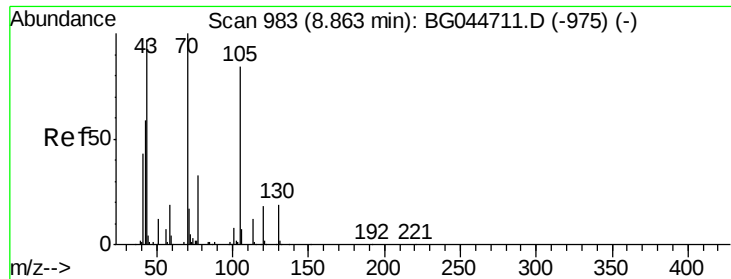
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





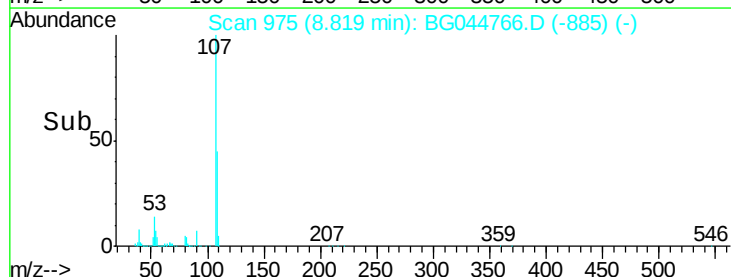
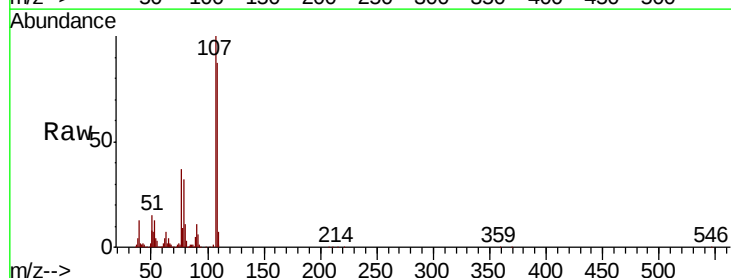
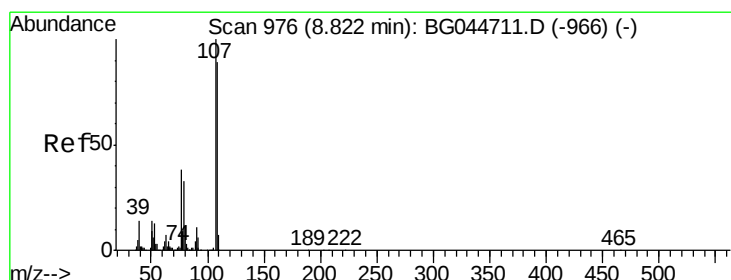
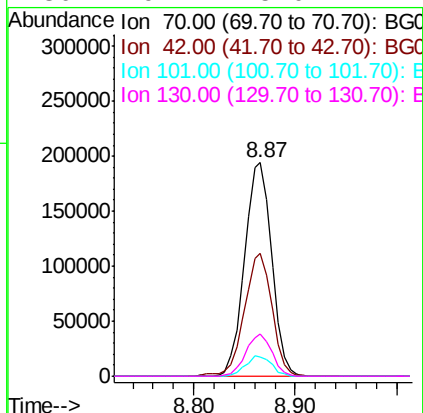
#19
n-Nitroso-di-n-propylamine
Concen: 41.646 ng
RT: 8.87 min Scan# 983
Delta R.T. 0.00 min
Lab File: BG044766.D
Acq: 13 Mar 2020 14:19

Instrument :
BNA_G
ClientSampleId :
PB127481BSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.7	47.6	71.4	
101	9.1	6.5	9.7	
130	19.7	15.0	22.4	

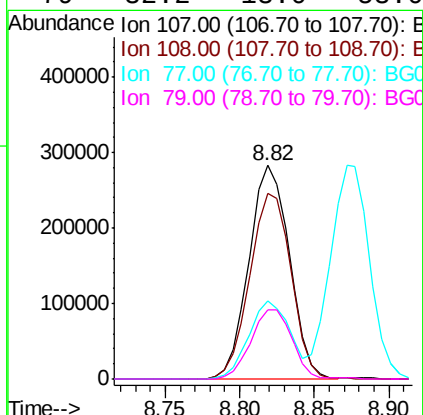
Manual Integrations
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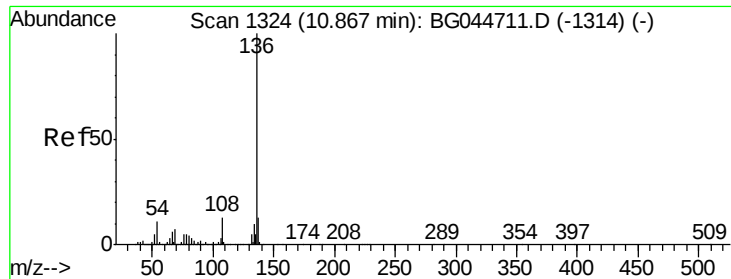
mohammad
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#20
3+4-Methylphenols
Concen: 46.980 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.00 min
Lab File: BG044766.D
Acq: 13 Mar 2020 14:19

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.9	69.1	109.1	
77	36.8	17.7	57.7	
79	32.2	13.0	53.0	





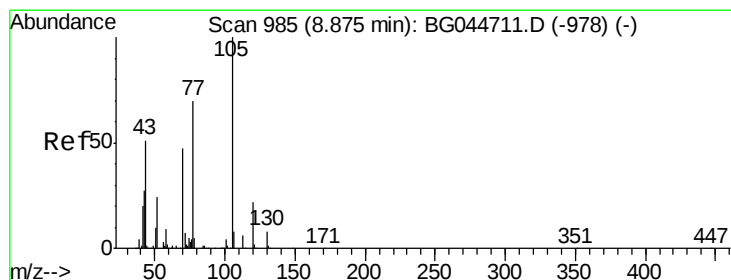
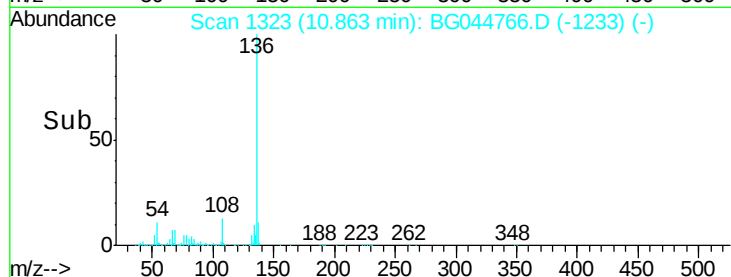
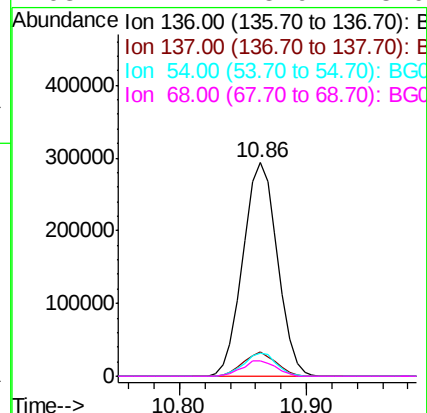
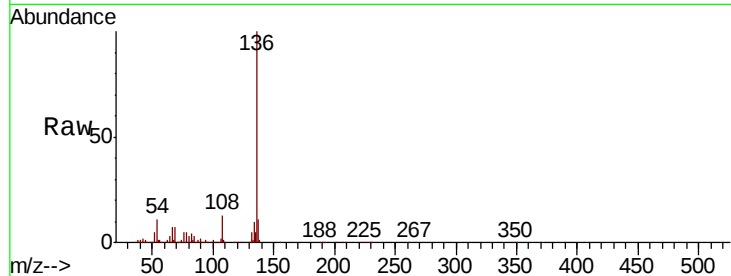
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BG044766.D
Acq: 13 Mar 2020 14:19

Instrument :
BNA_G
ClientSampleId :
PB127481BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		553696		
137	11.4		10.7	16.1	
54	10.8		9.0	13.4	
68	7.4		5.9	8.9	

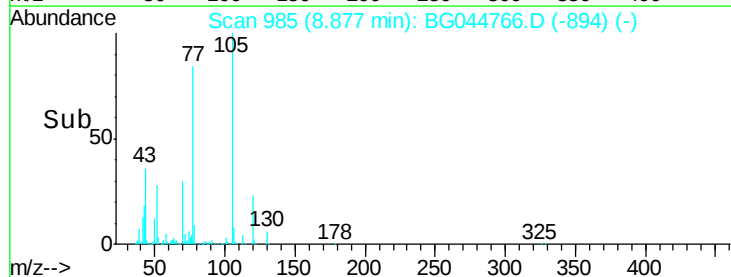
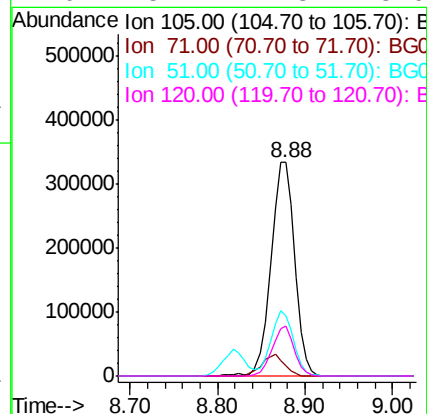
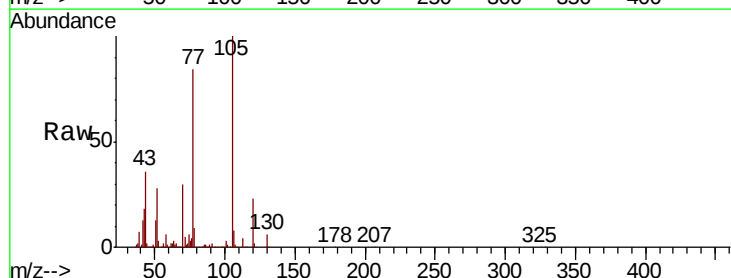
Manual Integrations
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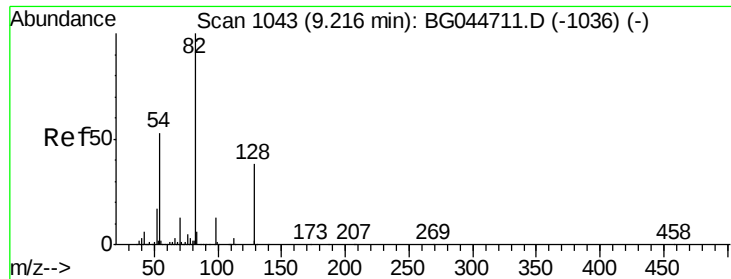
mohammad
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#22
Acetophenone
Concen: 39.929 ng
RT: 8.88 min Scan# 985
Delta R.T. 0.00 min
Lab File: BG044766.D
Acq: 13 Mar 2020 14:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		626341		
71	5.1		5.8	8.8#	
51	28.4		23.8	35.8	
120	23.2		17.3	25.9	





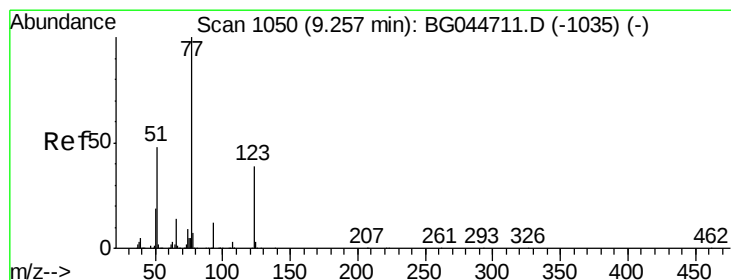
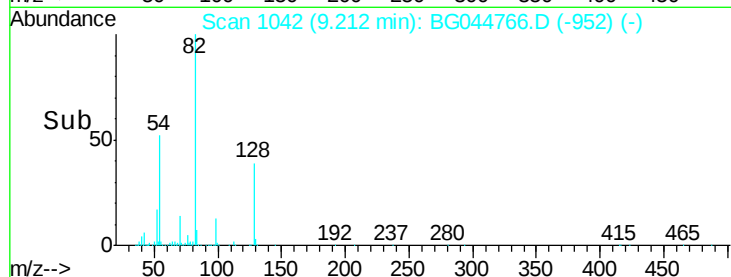
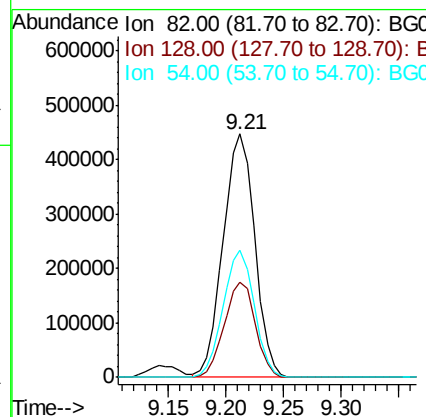
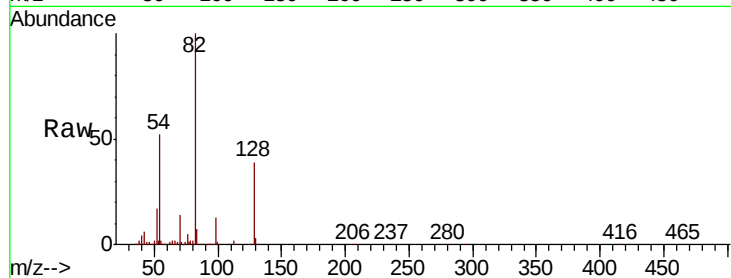
#23
 Nitrobenzene-d5
 Concen: 67.231 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BG044766.D
 Acq: 13 Mar 2020 14:19

Instrument :
 BNA_G
 ClientSampleId :
 PB127481BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.1	30.2	45.2
54	52.3	41.8	62.8

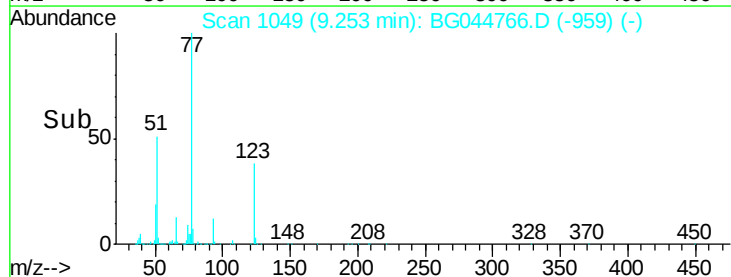
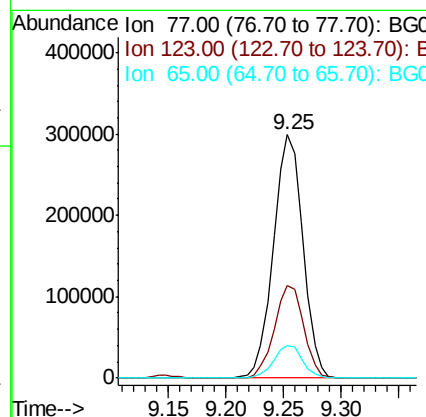
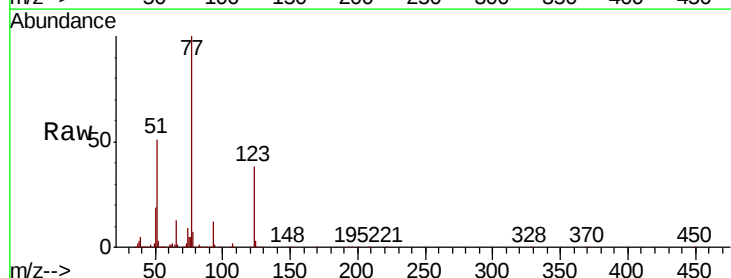
Manual Integrations
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#24
 Nitrobenzene
 Concen: 40.764 ng
 RT: 9.25 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: BG044766.D
 Acq: 13 Mar 2020 14:19

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.2	31.5	47.3
65	13.4	11.0	16.4





#25

Isophorone

Concen: 40.102 ng

RT: 9.78 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BG044766.D

Acq: 13 Mar 2020 14:19

Instrument :

BNA_G

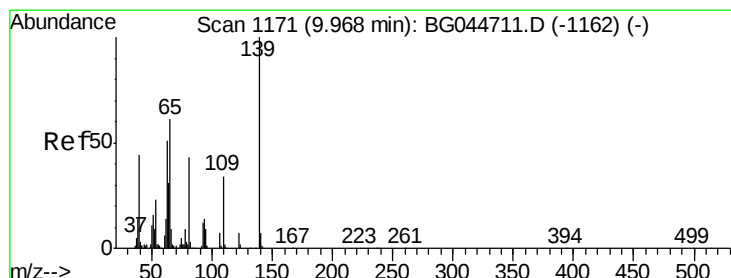
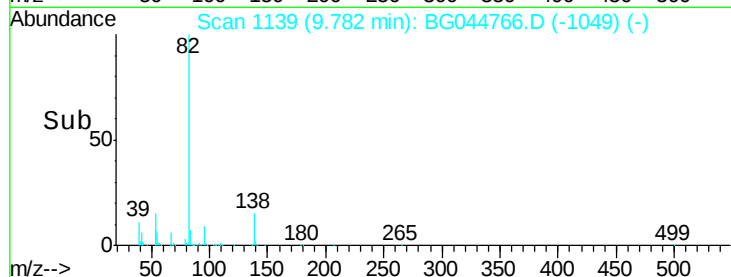
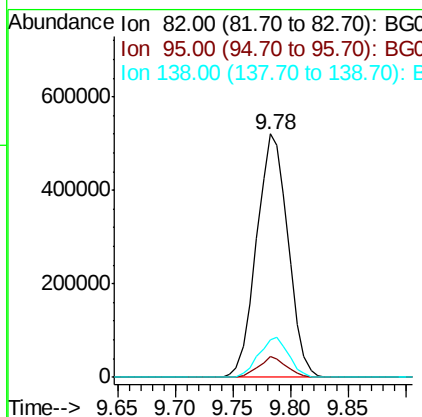
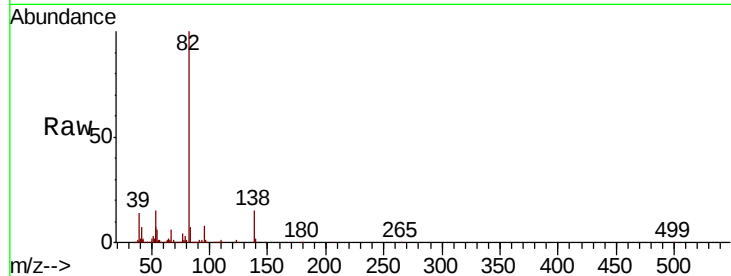
ClientSampleId :

PB127481BSD

Tot Ion:	82	Resp:	987580
Ion Ratio	Lower	Upper	
82	100		
95	8.5	5.6	8.4#
138	15.3	13.0	19.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 48.063 ng

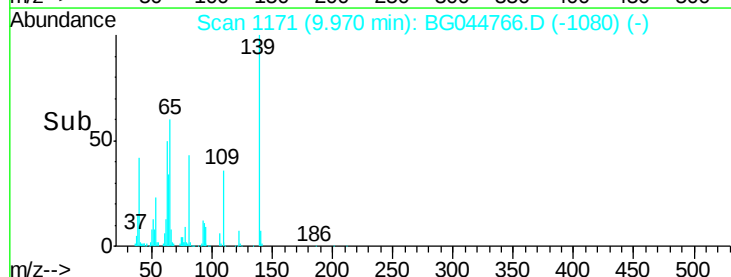
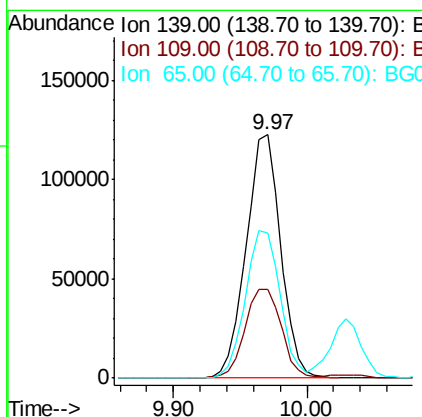
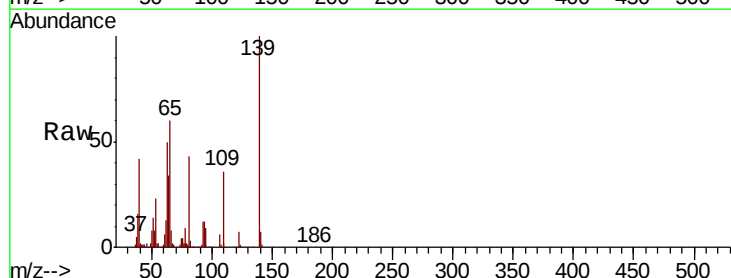
RT: 9.97 min Scan# 1171

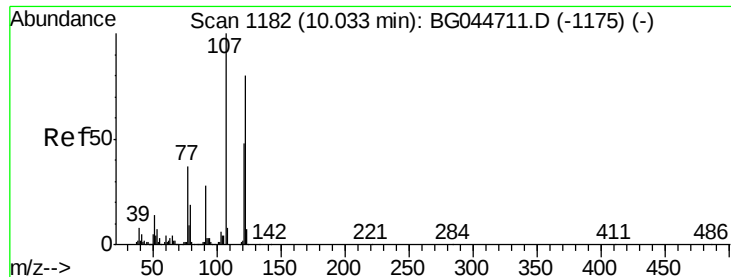
Delta R.T. 0.00 min

Lab File: BG044766.D

Acq: 13 Mar 2020 14:19

Tgt Ion:	139	Resp:	218502
Ion Ratio	Lower	Upper	
139	100		
109	36.2	27.0	40.4
65	59.7	48.6	73.0





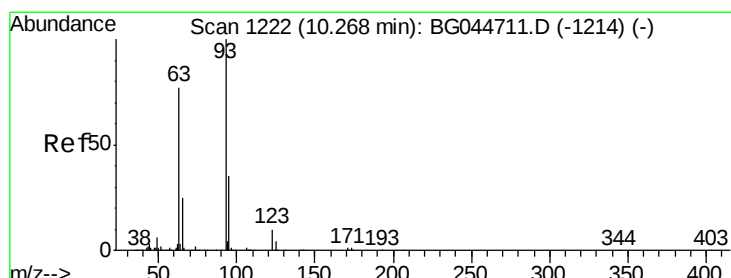
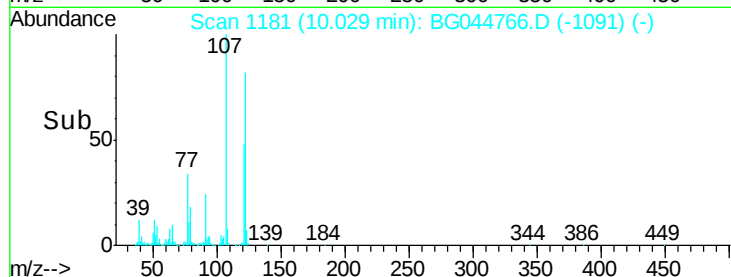
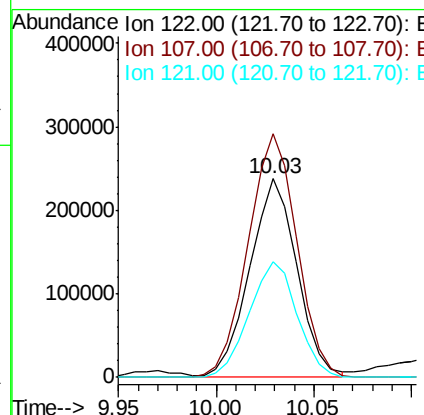
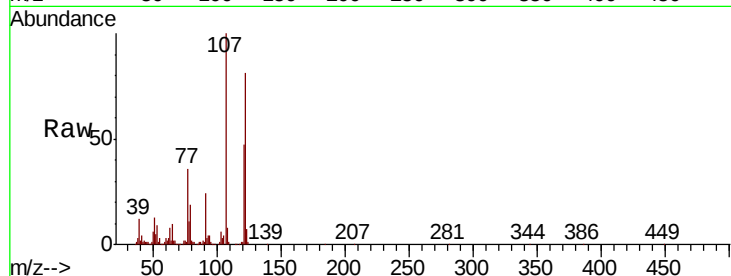
#27
2,4-Dimethylphenol
Concen: 49.440 ng
RT: 10.03 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BG044766.D
Acq: 13 Mar 2020 14:19

Instrument :
BNA_G
ClientSampleId :
PB127481BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	122.7	99.0	148.6	
121	58.3	47.6	71.4	

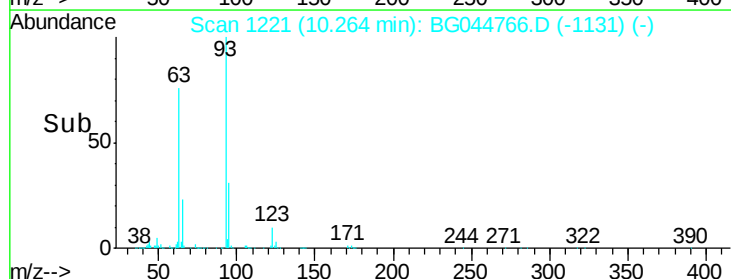
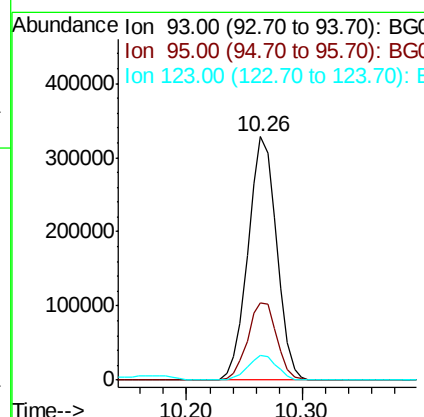
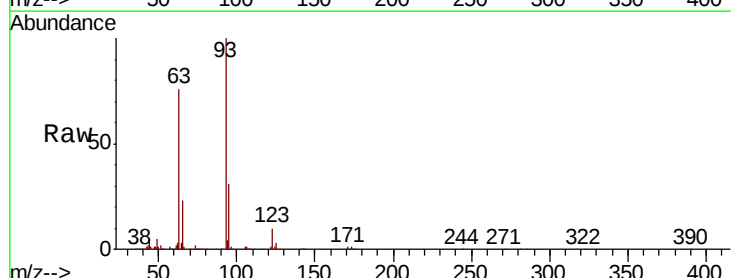
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#28
bis(2-Chloroethoxy)methane
Concen: 38.415 ng
RT: 10.26 min Scan# 1221
Delta R.T. -0.00 min
Lab File: BG044766.D
Acq: 13 Mar 2020 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	31.5	27.7	41.5	
123	10.0	8.1	12.1	





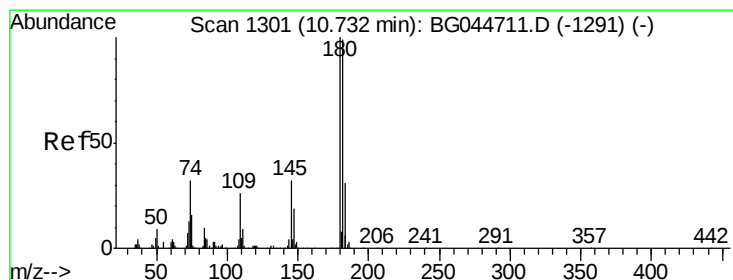
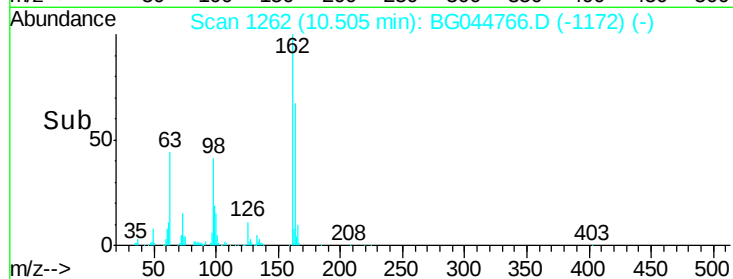
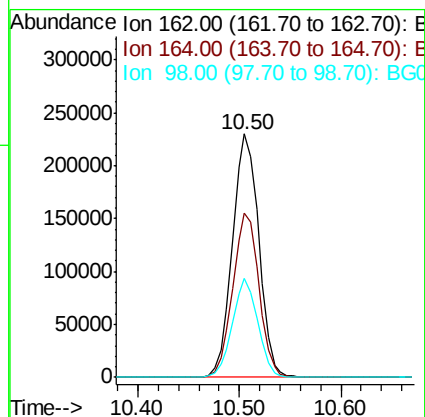
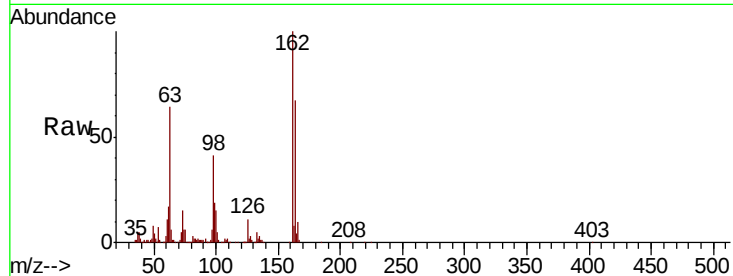
#29
2,4-Dichlorophenol
Concen: 44.292 ng
RT: 10.50 min Scan# 1262
Delta R.T. -0.00 min
Lab File: BG044766.D
Acq: 13 Mar 2020 14:19

Instrument :
BNA_G
ClientSampleId :
PB127481BSD

Tot Ion:	162	Resp:	414894
Ion Ratio	Lower	Upper	
162	100		
164	67.3	46.5	86.5
98	40.6	18.1	58.1

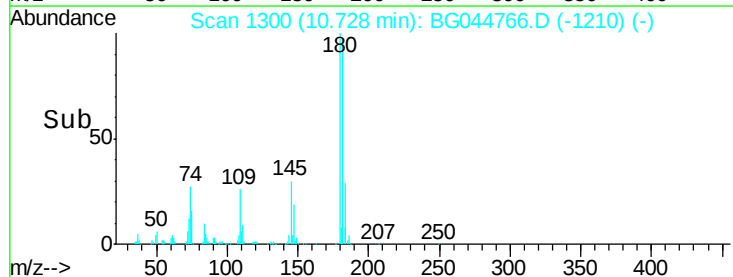
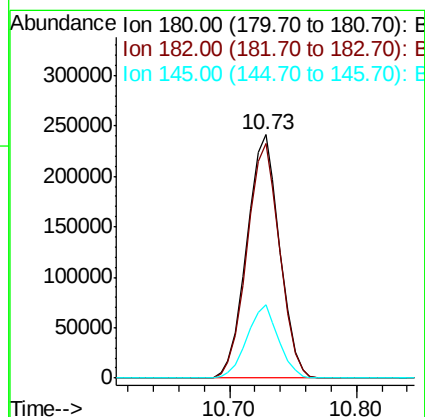
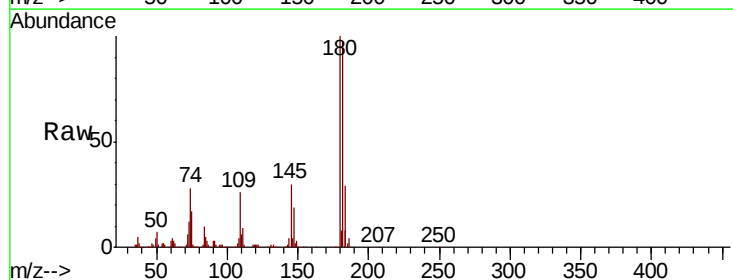
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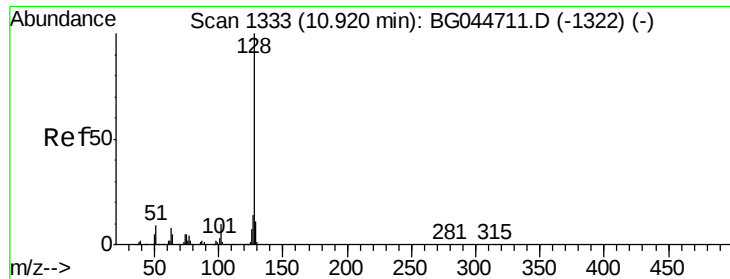
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 38.649 ng
RT: 10.73 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG044766.D
Acq: 13 Mar 2020 14:19

Tgt Ion:	180	Resp:	432889
Ion Ratio	Lower	Upper	
180	100		
182	96.5	78.8	118.2
145	29.9	25.4	38.0





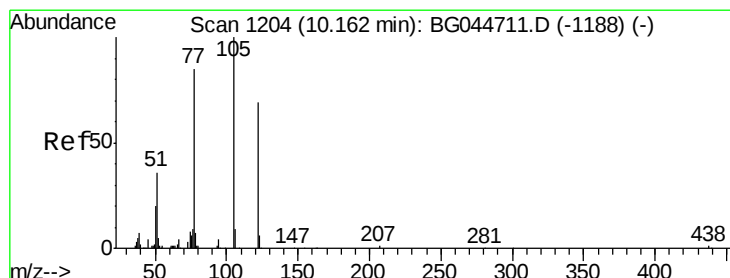
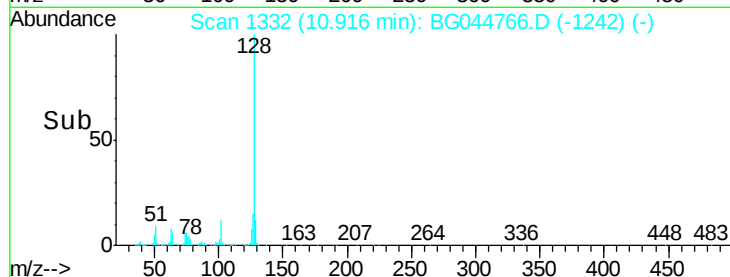
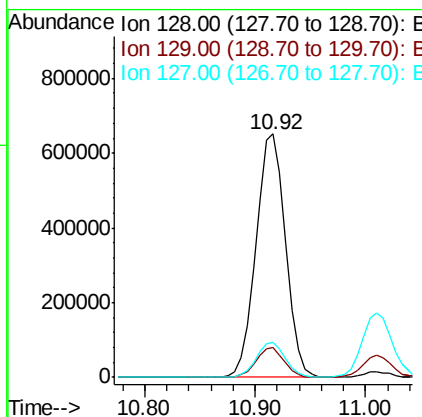
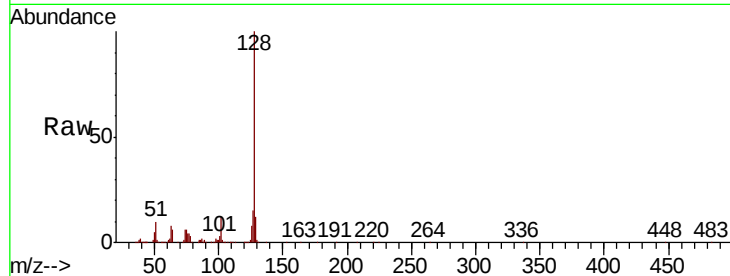
#31
Naphthalene
Concen: 39.689 ng
RT: 10.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BG044766.D
Acq: 13 Mar 2020 14:19

Instrument :
BNA_G
ClientSampleId :
PB127481BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.0	13.4
127	14.6	11.0	16.6

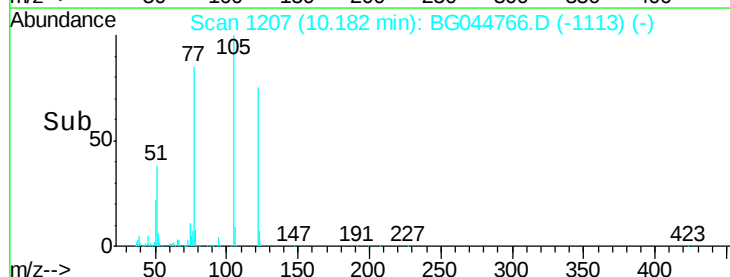
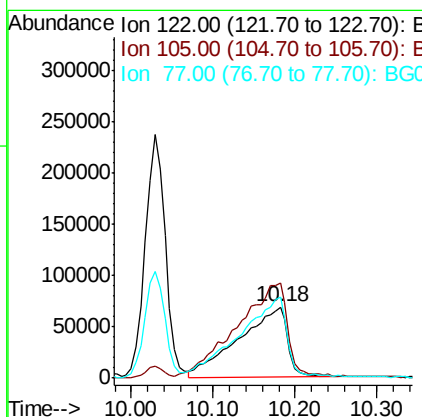
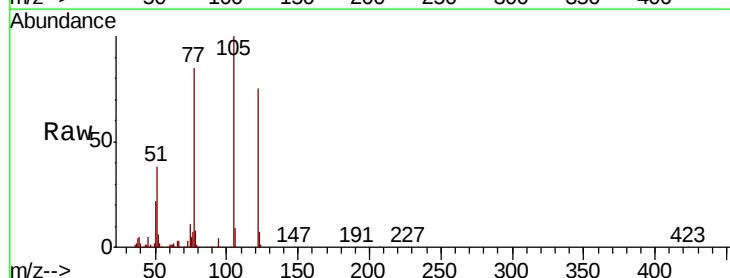
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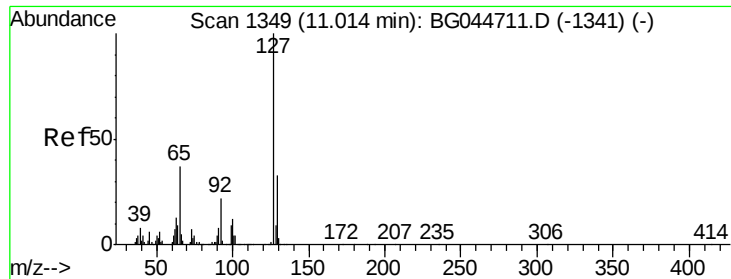
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#32
Benzoic acid
Concen: 45.427 ng
RT: 10.18 min Scan# 1207
Delta R.T. 0.02 min
Lab File: BG044766.D
Acq: 13 Mar 2020 14:19

Tgt Ion	Ratio	Lower	Upper
122	100		
105	133.9	119.0	159.0
77	114.0	96.4	136.4





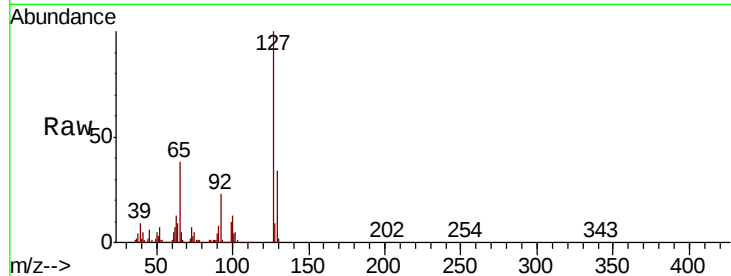
#33
4-Chloroaniline
Concen: 23.668 ng
RT: 11.01 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BG044766.D
Acq: 13 Mar 2020 14:19

Instrument :
BNA_G
ClientSampleId :
PB127481BSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	34.1	26.2	39.4
65	38.0	29.6	44.4
92	23.2	17.4	26.0

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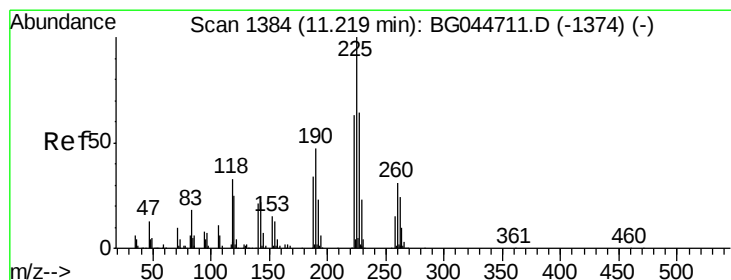
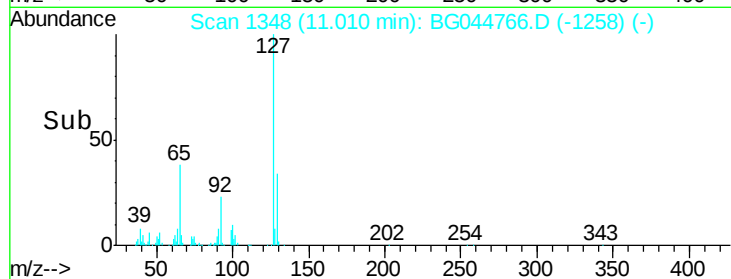
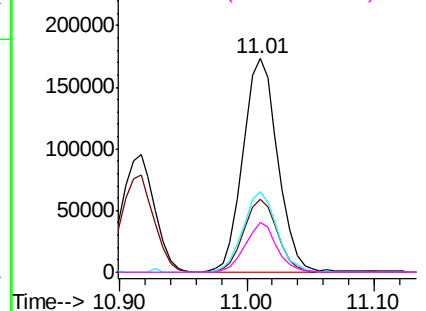
Abundance

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: 38.408 ng
RT: 11.21 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BG044766.D
Acq: 13 Mar 2020 14:19

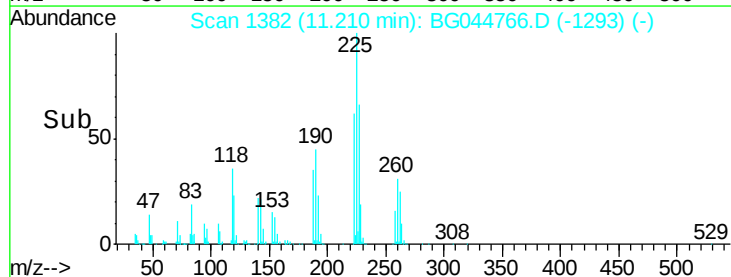
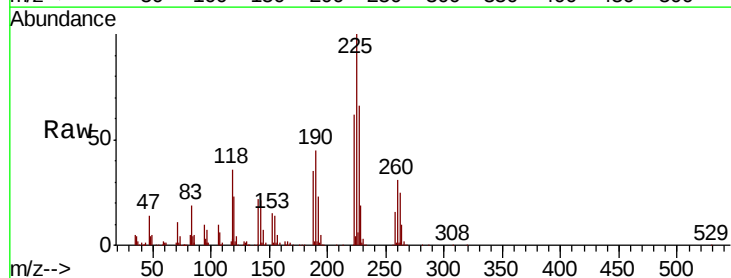
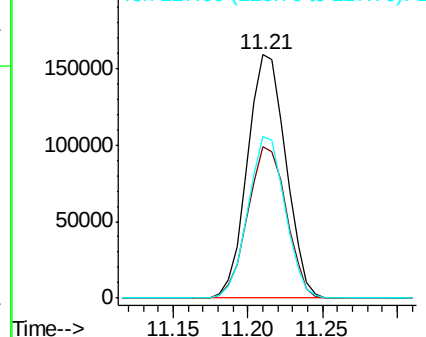
Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.6	76.0
227	66.4	51.6	77.4

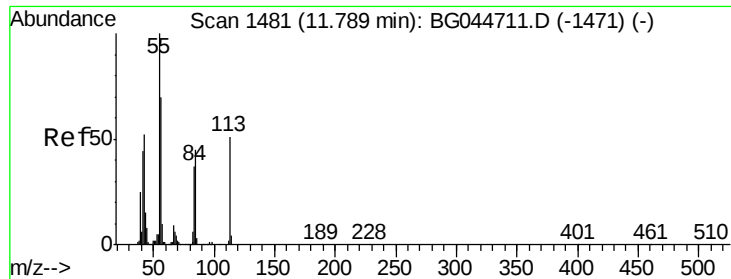
Abundance

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





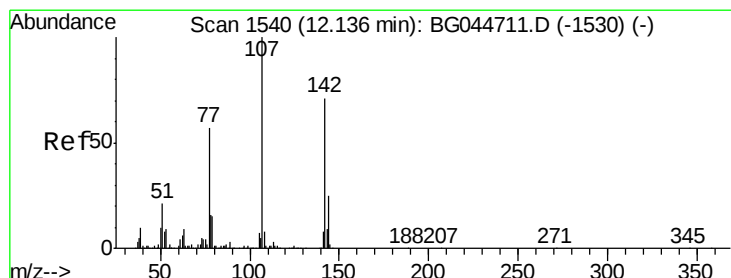
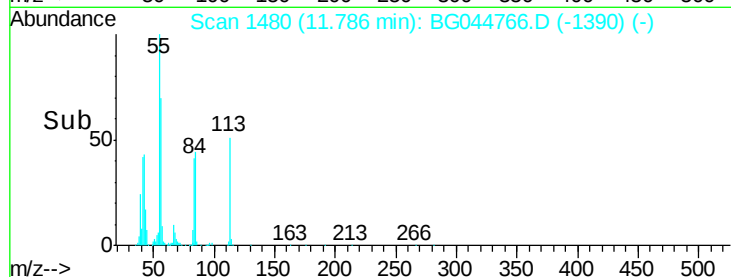
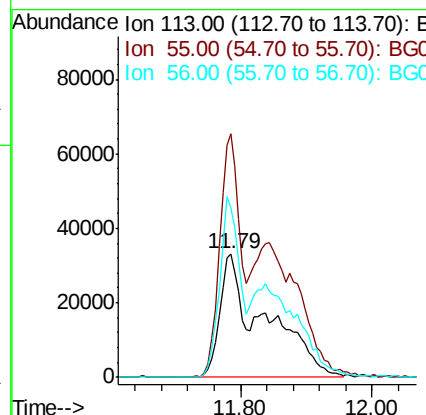
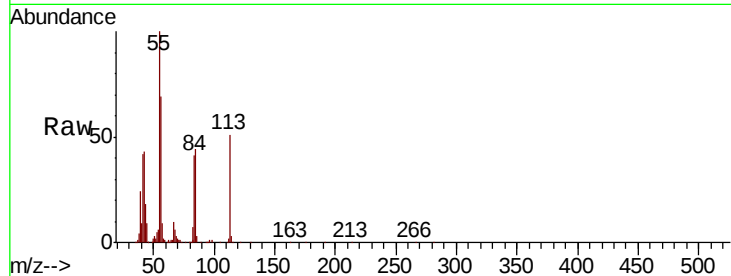
#35
 Caprolactam
 Concen: 43.549 ng/ml
 RT: 11.79 min Scan# 1480
 Delta R.T. -0.00 min
 Lab File: BG044766.D
 Acq: 13 Mar 2020 14:19

Instrument :
 BNA_G
 ClientSampleId :
 PB127481BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	197.3		178.4	218.4	
56	136.9		117.7	157.7	

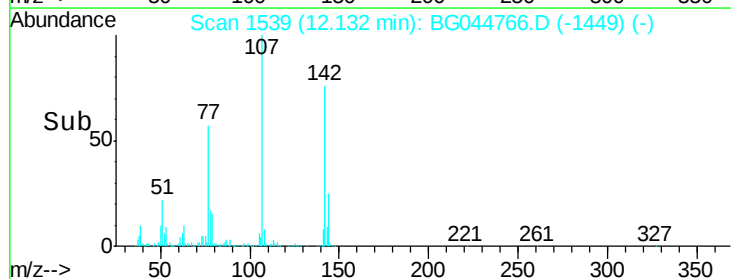
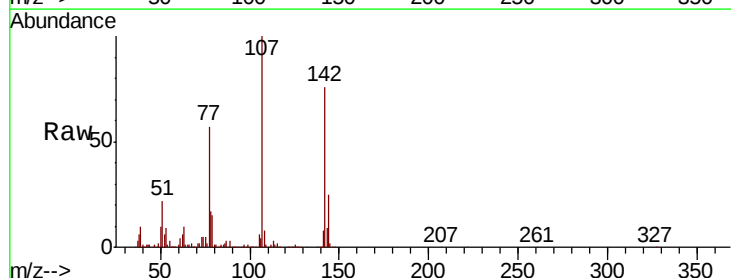
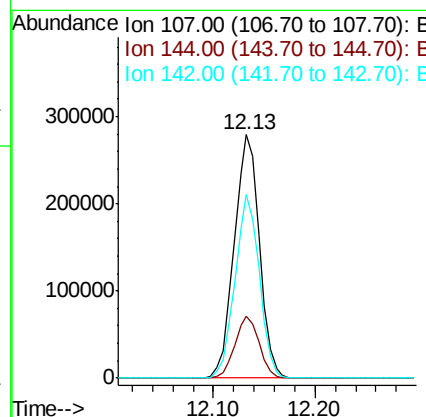
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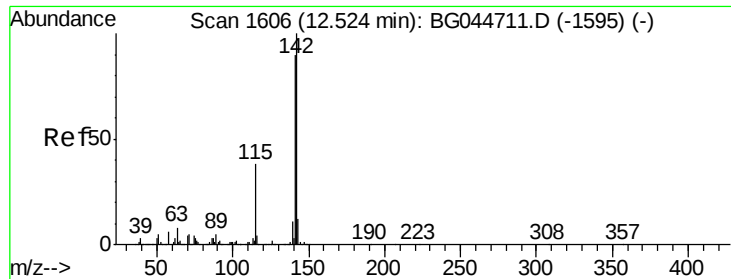
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#36
 4-Chloro-3-methylphenol
 Concen: 42.934 ng/ml
 RT: 12.13 min Scan# 1539
 Delta R.T. -0.00 min
 Lab File: BG044766.D
 Acq: 13 Mar 2020 14:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	25.4		19.6	29.4	
142	75.6		56.5	84.7	





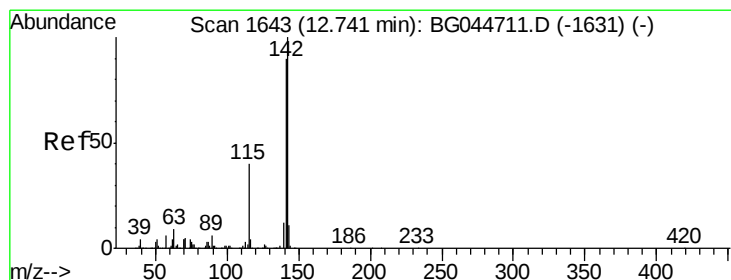
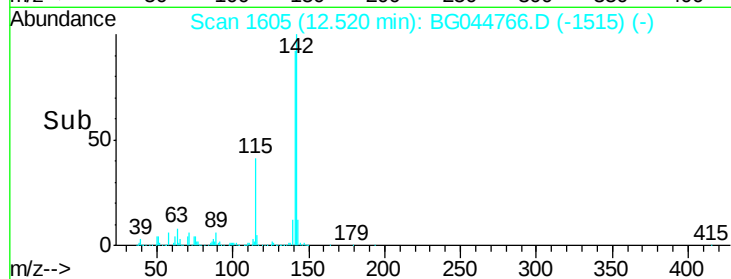
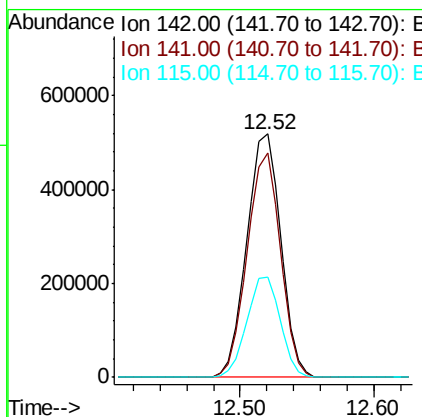
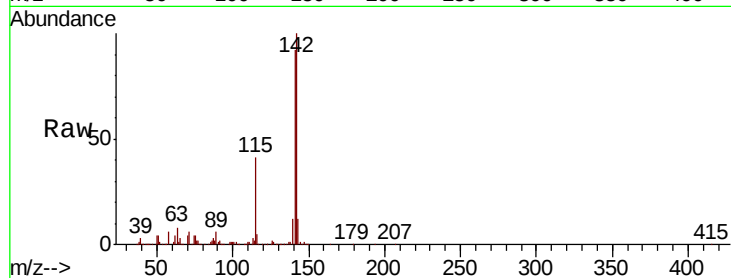
#37
 2-Methylnaphthalene
 Concen: 39.754 ng
 RT: 12.52 min Scan# 1605
 Delta R.T. -0.00 min
 Lab File: BG044766.D
 Acq: 13 Mar 2020 14:19

Instrument :
 BNA_G
 ClientSampleId :
 PB127481BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.2	72.3	108.5
115	41.2	30.6	45.8

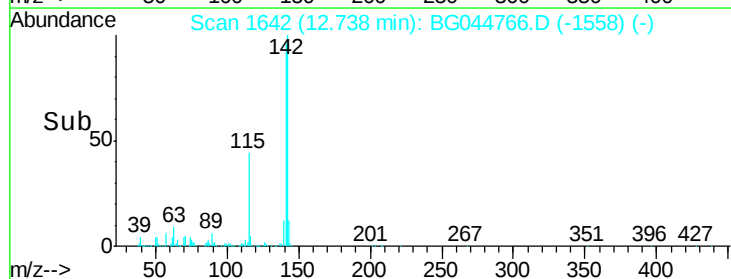
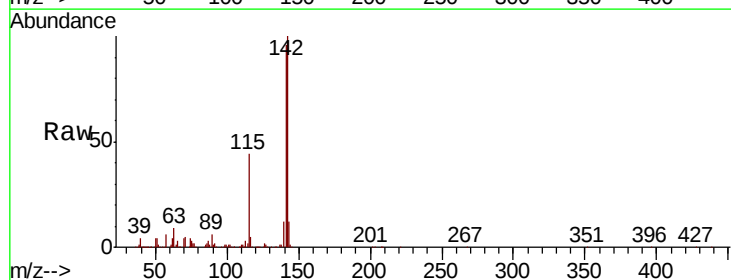
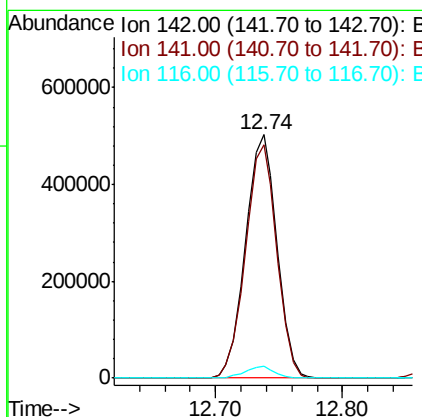
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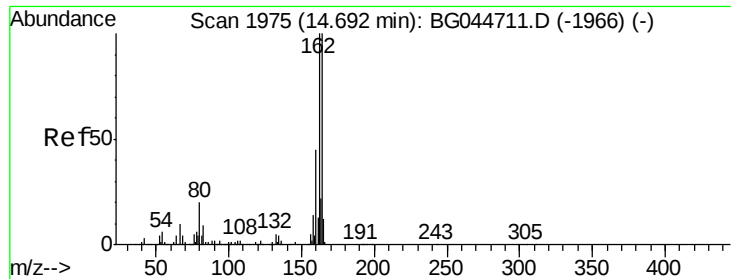
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#38
 1-Methylnaphthalene
 Concen: 40.128 ng
 RT: 12.74 min Scan# 1642
 Delta R.T. -0.00 min
 Lab File: BG044766.D
 Acq: 13 Mar 2020 14:19

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.8	72.2	108.2
116	5.0	3.5	5.3





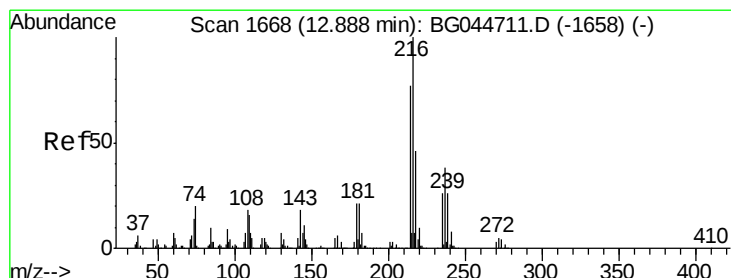
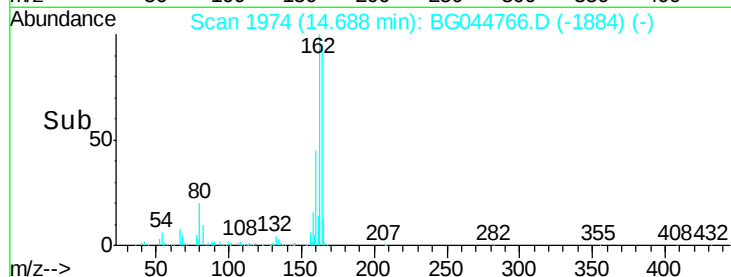
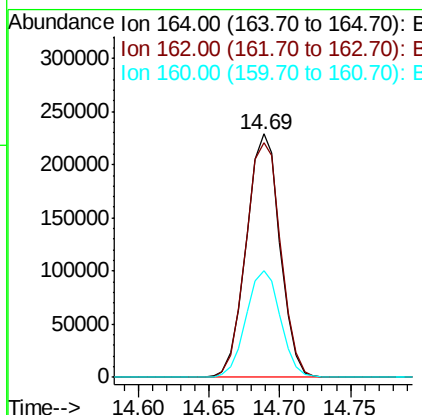
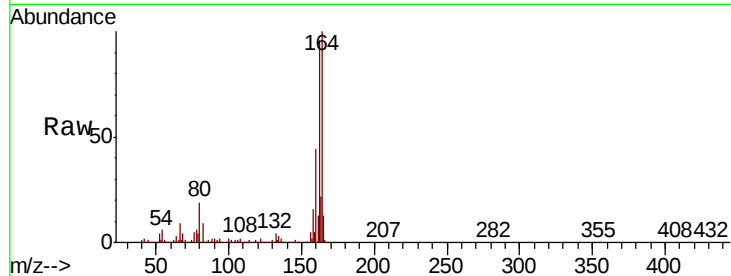
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BG044766.D
Acq: 13 Mar 2020 14:19

Instrument :
BNA_G
ClientSampleId :
PB127481BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	96.2	80.2	120.4
160	43.6	36.2	54.2

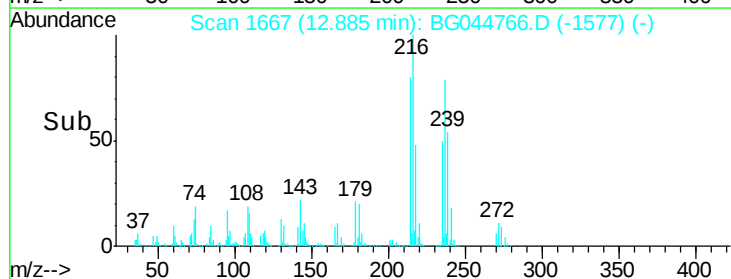
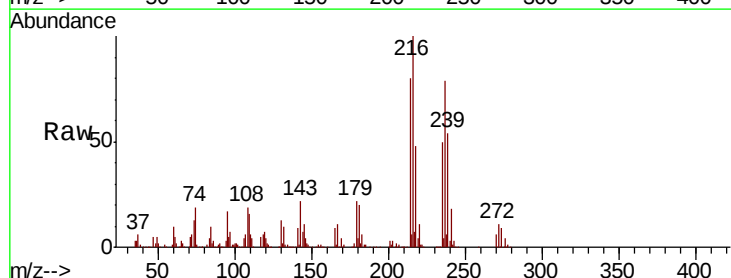
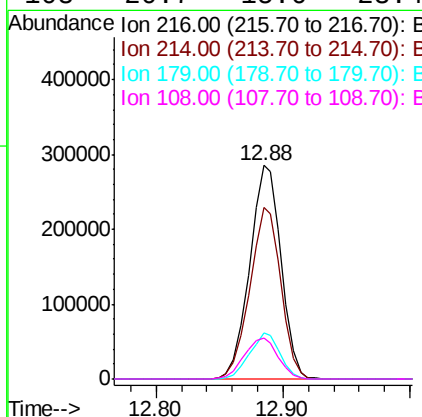
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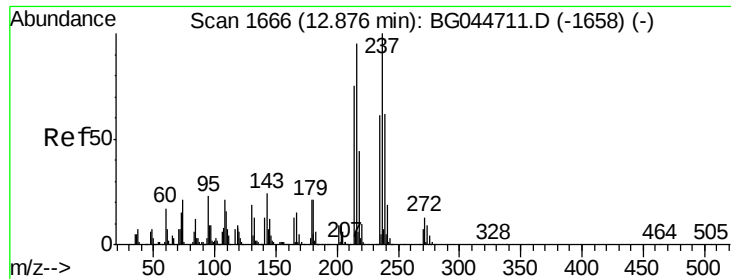
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.769 ng
RT: 12.88 min Scan# 1667
Delta R.T. -0.00 min
Lab File: BG044766.D
Acq: 13 Mar 2020 14:19

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.0	94.4
179	20.8	16.6	24.8
108	20.7	15.6	23.4





#41

Hexachlorocyclopentadiene

Concen: 79.341 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.00 min

Lab File: BG044766.D

Acq: 13 Mar 2020 14:19

Instrument :

BNA_G

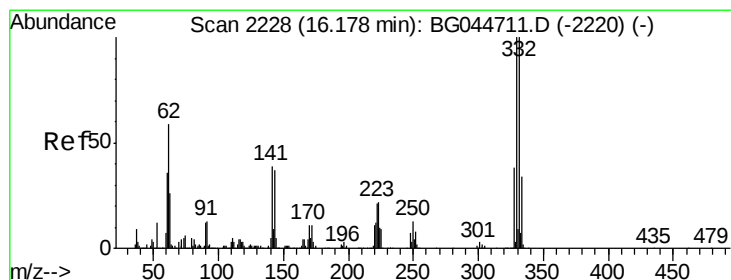
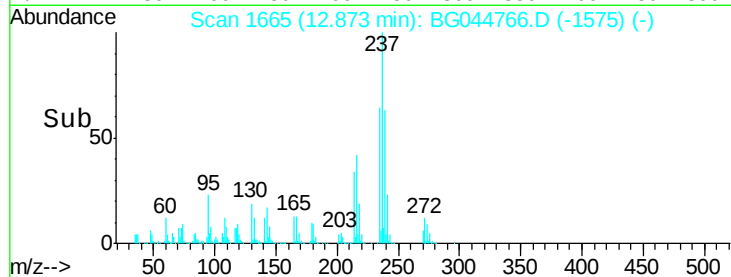
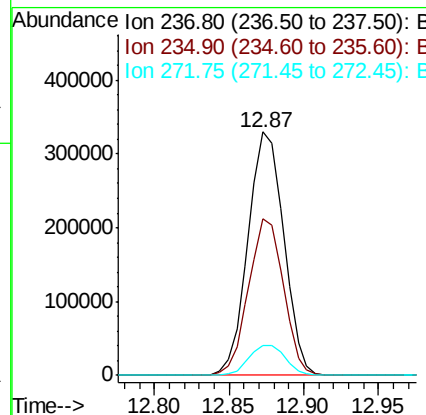
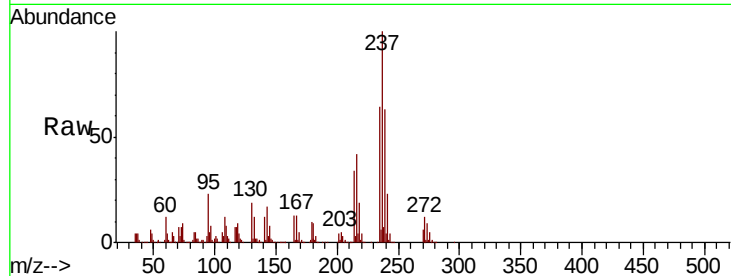
ClientSampleId :

PB127481BSD

Tot Ion:	237	Resp:	545747
Ion Ratio		Lower	Upper
237	100		
235	64.3	40.6	80.6
272	12.0	0.0	32.5

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 116.139 ng

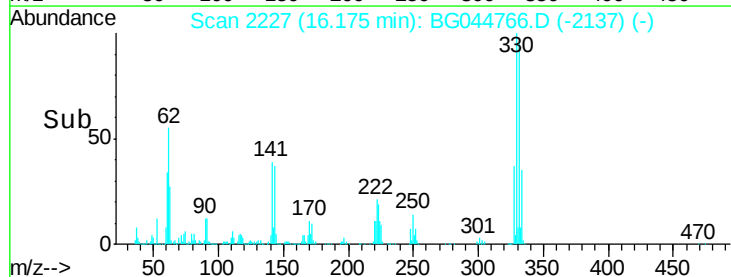
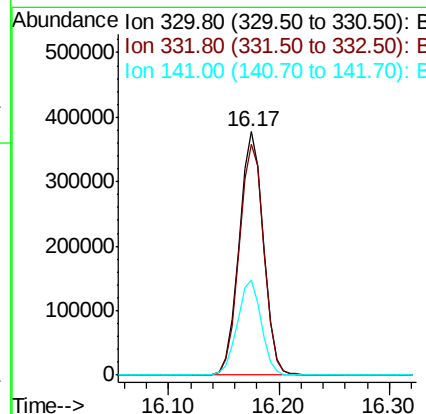
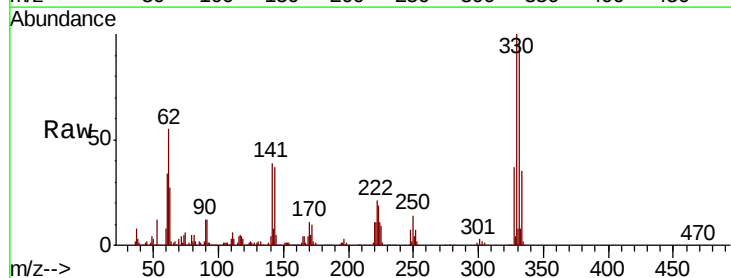
RT: 16.17 min Scan# 2227

Delta R.T. -0.00 min

Lab File: BG044766.D

Acq: 13 Mar 2020 14:19

Tgt Ion:	330	Resp:	581164
Ion Ratio		Lower	Upper
330	100		
332	96.5	77.5	116.3
141	38.9	31.7	47.5





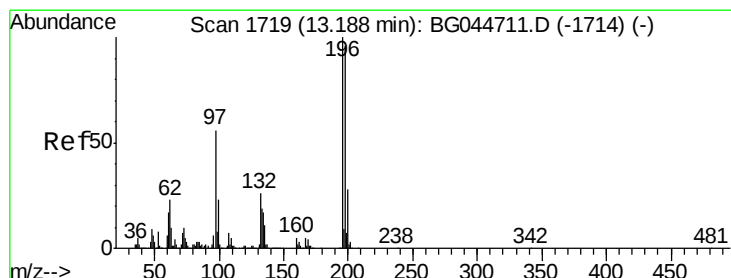
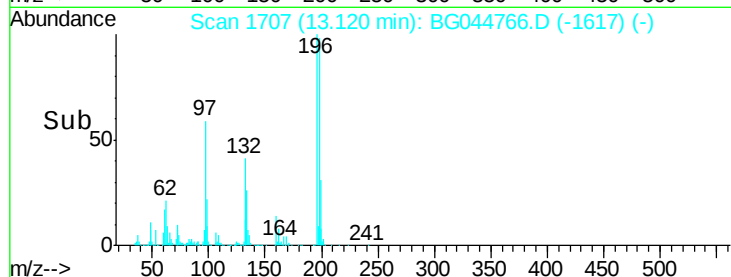
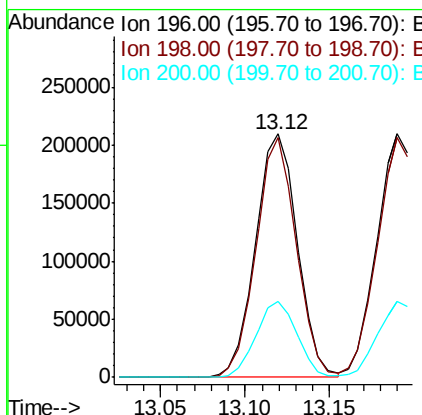
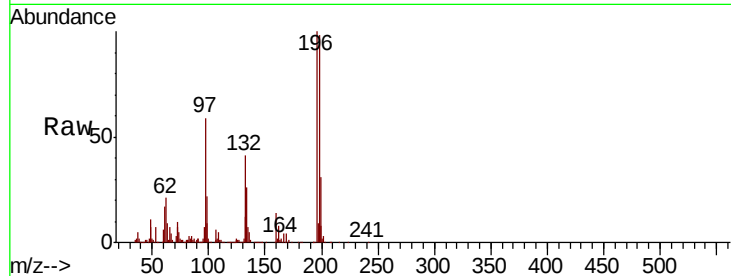
#43
 2,4,6-Trichlorophenol
 Concen: 42.941 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: BG044766.D
 Acq: 13 Mar 2020 14:19

Instrument :
 BNA_G
 ClientSampleId :
 PB127481BSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.3	76.5	114.7
200	31.2	25.9	38.9

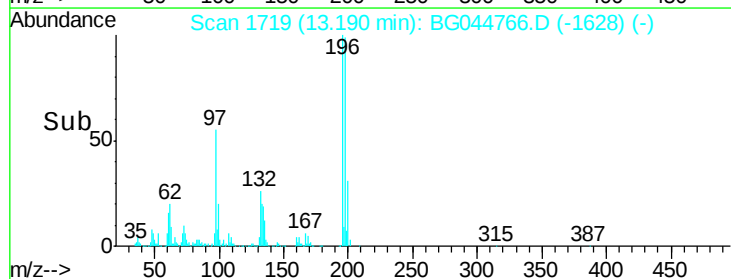
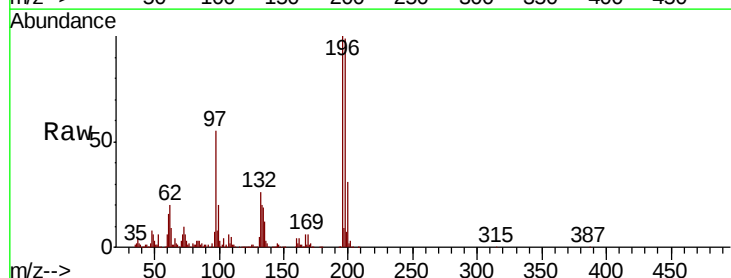
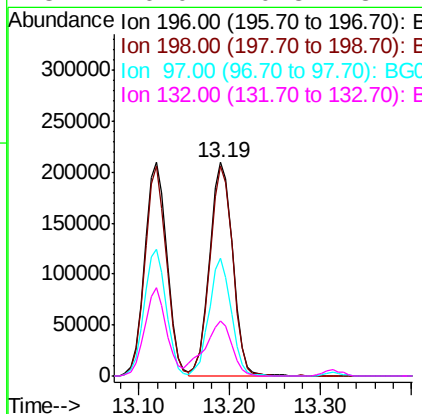
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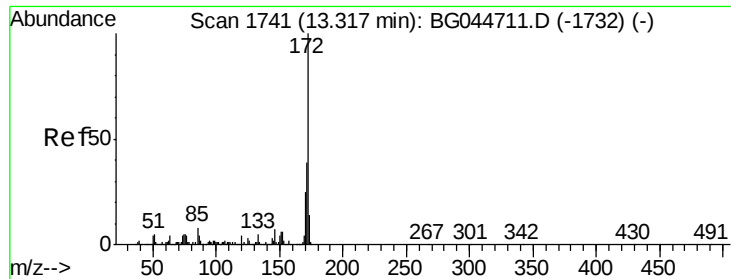
mohammad
 3/16/2020 1:51:37 PM



#44
 2,4,5-Trichlorophenol
 Concen: 42.935 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. 0.00 min
 Lab File: BG044766.D
 Acq: 13 Mar 2020 14:19

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.5	77.3	115.9
97	55.2	44.9	67.3
132	26.0	20.8	31.2





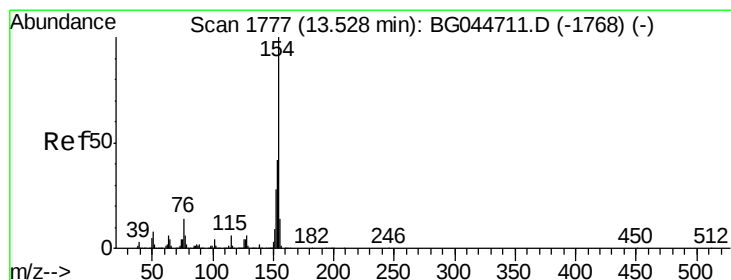
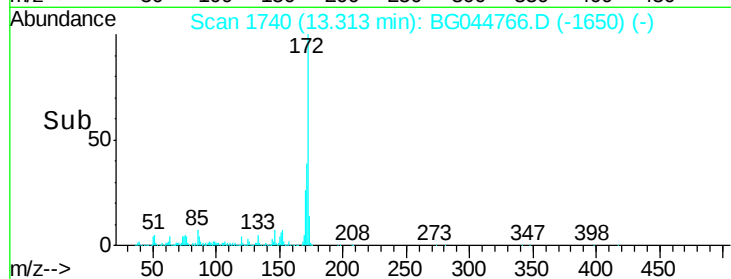
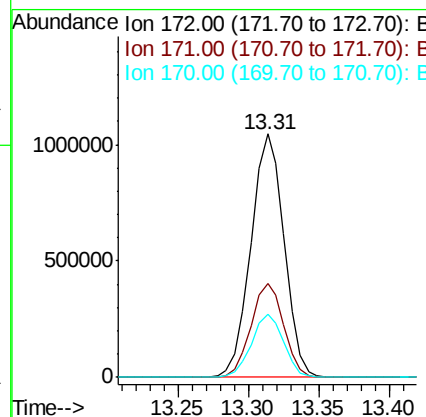
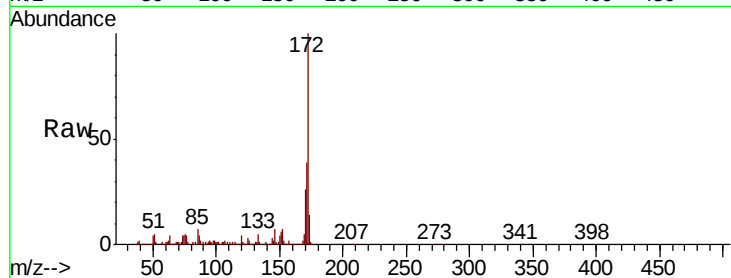
#45
2-Fluorobiphenyl
Concen: 64.536 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.00 min
Lab File: BG044766.D
Acq: 13 Mar 2020 14:19

Instrument :
BNA_G
ClientSampleId :
PB127481BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.6	30.8	46.2
170	25.9	20.0	30.0

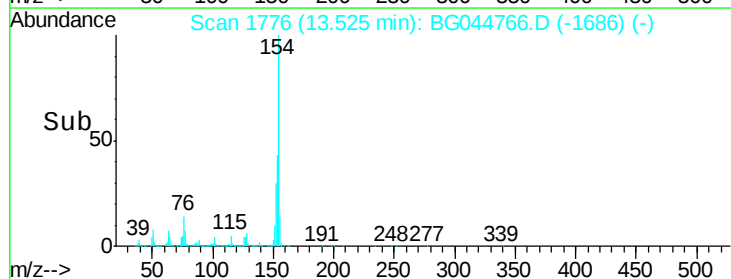
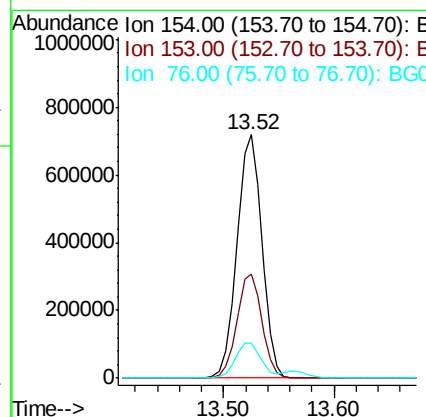
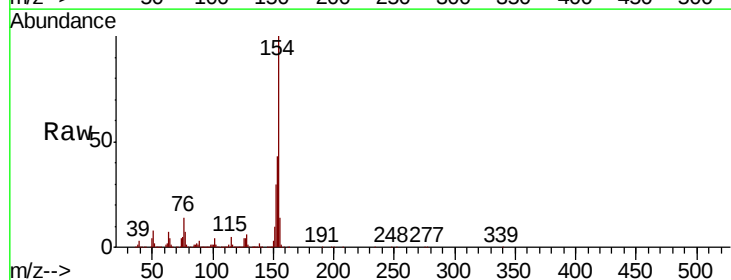
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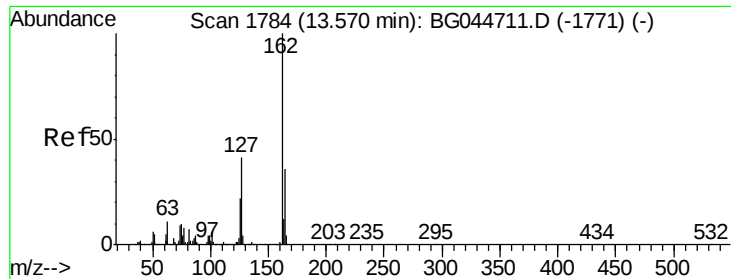
mohammad
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#46
1,1'-Biphenyl
Concen: 37.271 ng
RT: 13.52 min Scan# 1776
Delta R.T. -0.00 min
Lab File: BG044766.D
Acq: 13 Mar 2020 14:19

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.6	22.0	62.0
76	14.3	0.0	34.2





#47

2-Chloronaphthalene

Concen: 37.362 ng

RT: 13.57 min Scan# 1783

Delta R.T. -0.00 min

Lab File: BG044766.D

Acq: 13 Mar 2020 14:19

Instrument :

BNA_G

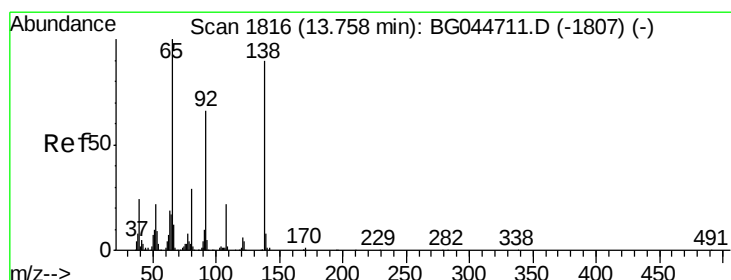
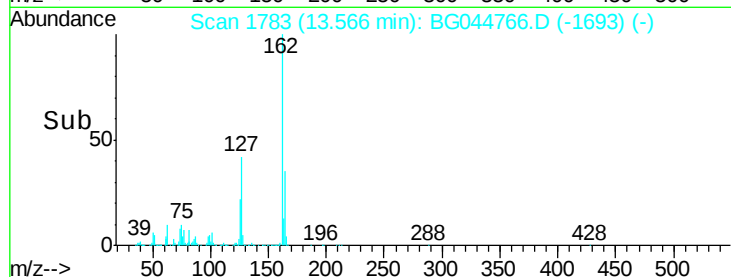
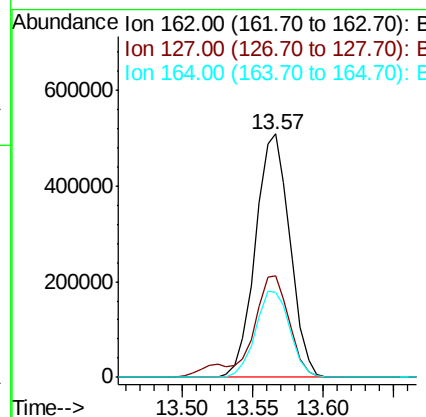
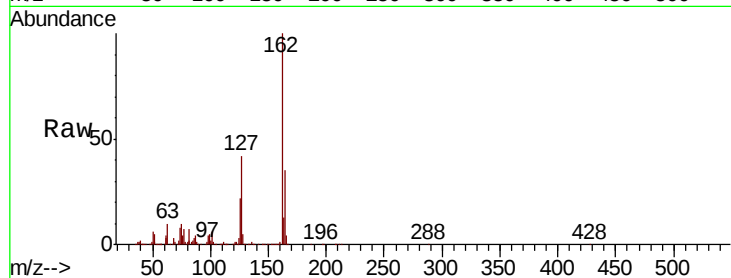
ClientSampleId :

PB127481BSD

Tot Ion:	162	Resp:	871668
Ion Ratio	Lower	Upper	
162	100		
127	41.8	32.6	48.8
164	35.1	29.0	43.4

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#48

2-Nitroaniline

Concen: 41.961 ng

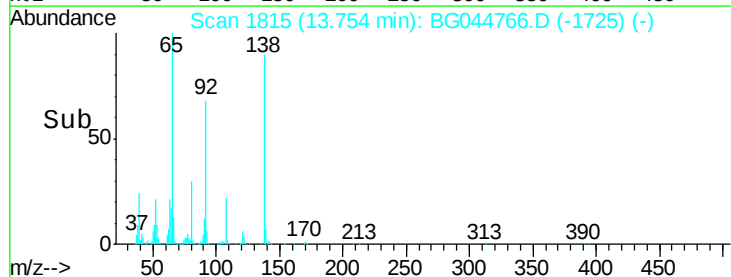
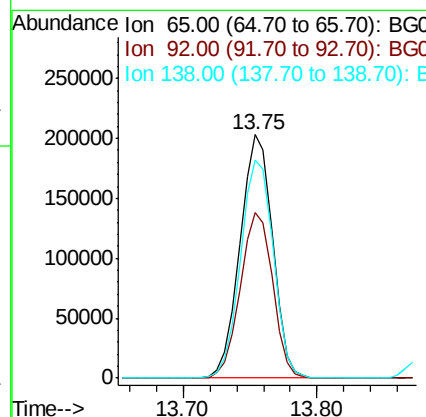
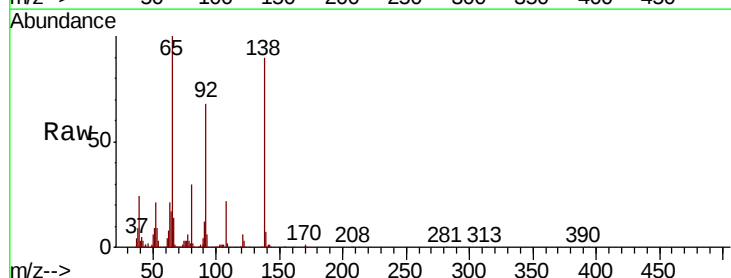
RT: 13.75 min Scan# 1815

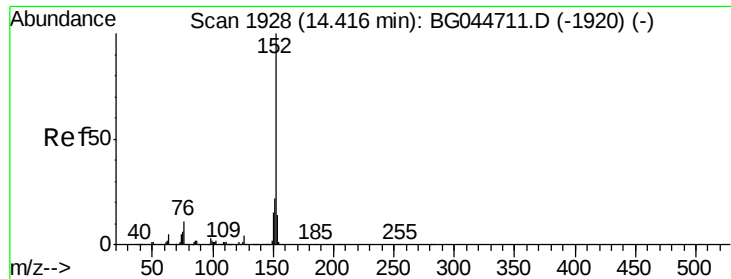
Delta R.T. -0.00 min

Lab File: BG044766.D

Acq: 13 Mar 2020 14:19

Tgt Ion:	65	Resp:	342730
Ion Ratio	Lower	Upper	
65	100		
92	68.0	52.6	79.0
138	89.7	71.8	107.6





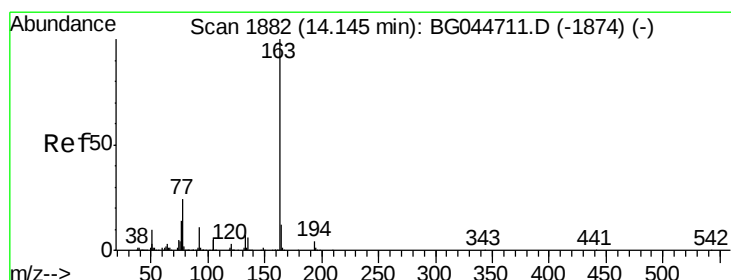
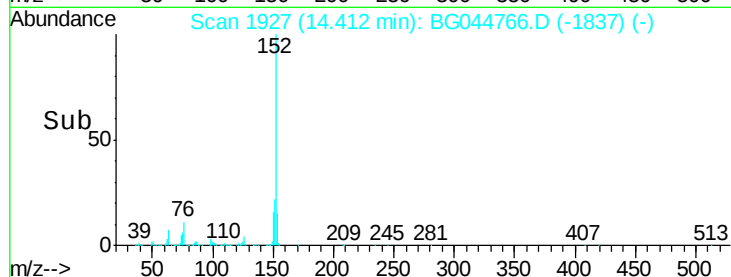
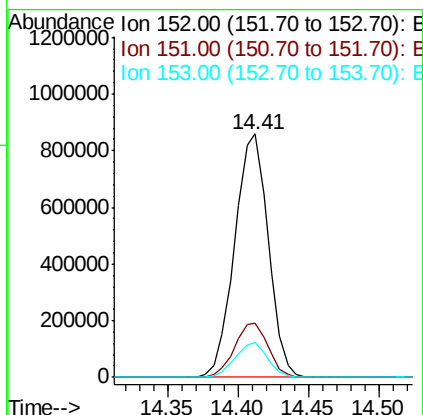
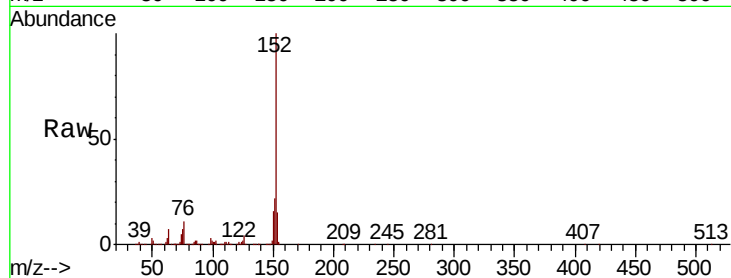
#49
Acenaphthylene
Concen: 39.087 ng
RT: 14.41 min Scan# 1927
Delta R.T. -0.00 min
Lab File: BG044766.D
Acq: 13 Mar 2020 14:19

Instrument :
BNA_G
ClientSampleId :
PB127481BSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	22.4	17.8	26.8
153	14.5	11.4	17.0

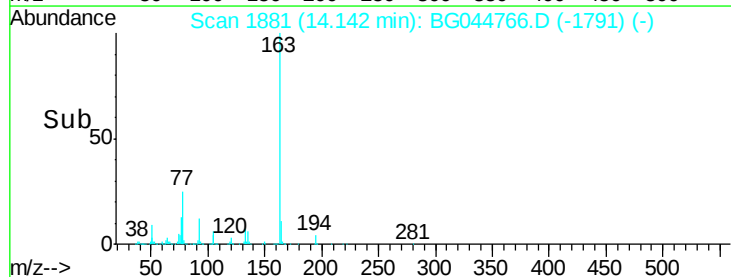
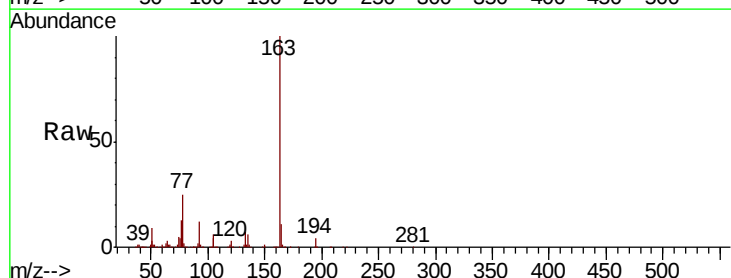
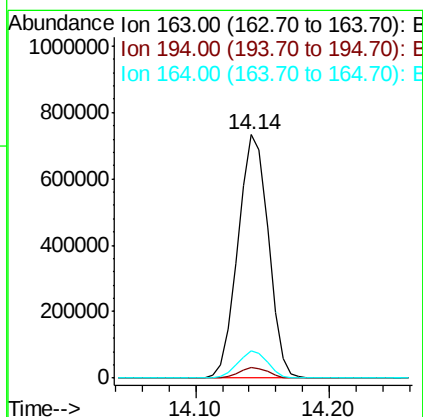
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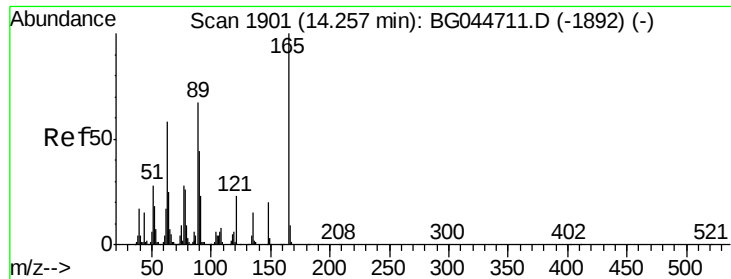
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#50
Dimethylphthalate
Concen: 37.849 ng
RT: 14.14 min Scan# 1881
Delta R.T. -0.00 min
Lab File: BG044766.D
Acq: 13 Mar 2020 14:19

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.5	5.3
164	11.3	9.2	13.8





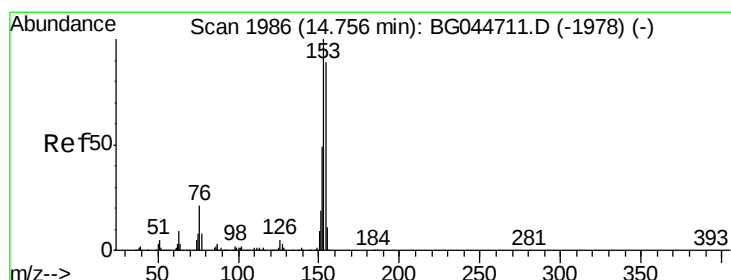
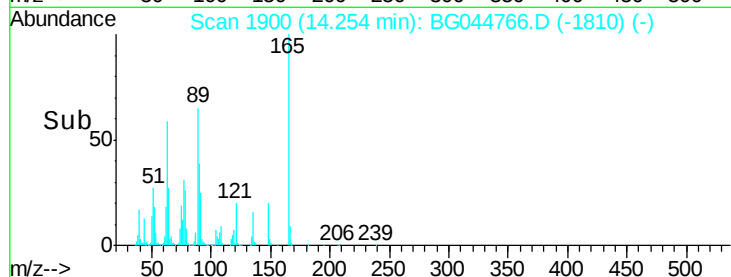
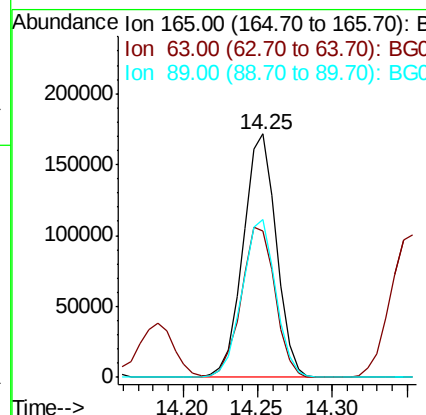
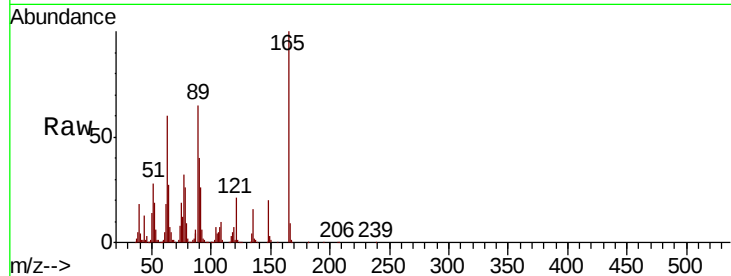
#51
2,6-Dinitrotoluene
Concen: 42.862 ng
RT: 14.25 min Scan# 1900
Delta R.T. -0.00 min
Lab File: BG044766.D
Acq: 13 Mar 2020 14:19

Instrument :
BNA_G
ClientSampleId :
PB127481BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	262980		
63	60.1	48.9	73.3	
89	64.7	53.8	80.8	

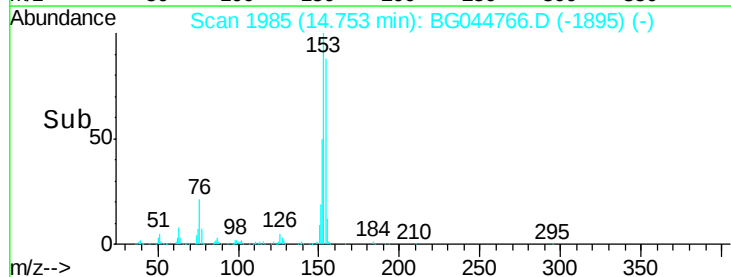
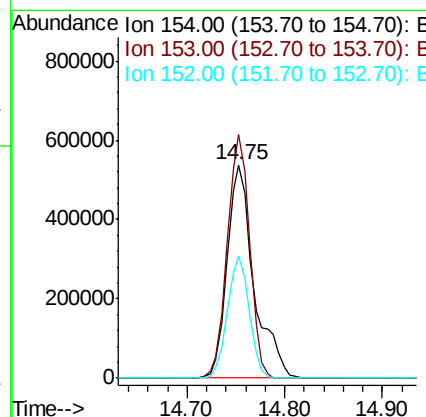
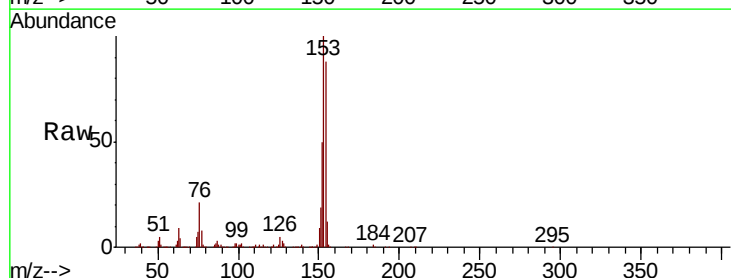
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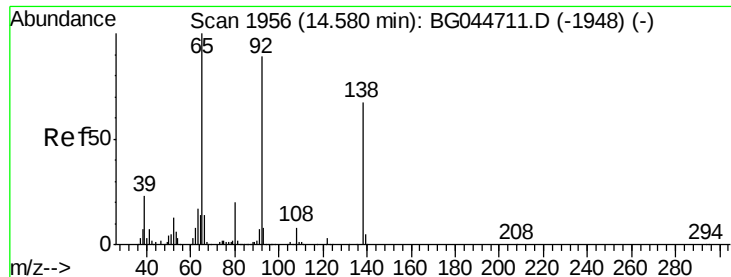
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#52
Acenaphthene
Concen: 42.973 ng
RT: 14.75 min Scan# 1985
Delta R.T. -0.00 min
Lab File: BG044766.D
Acq: 13 Mar 2020 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1028647		
153	114.1	89.8	134.8	
152	57.2	44.4	66.6	





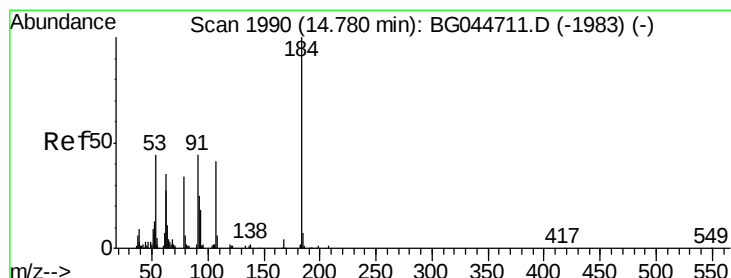
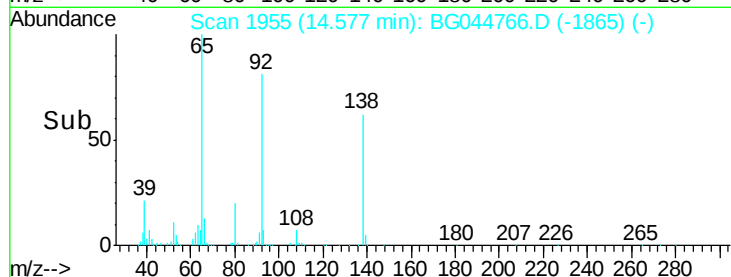
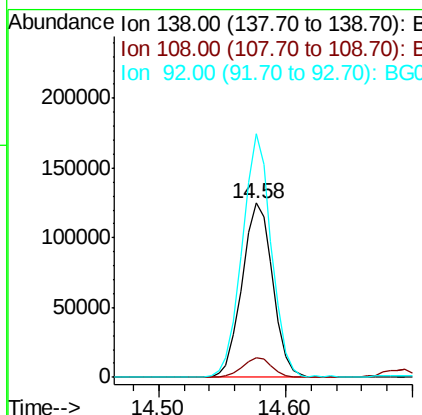
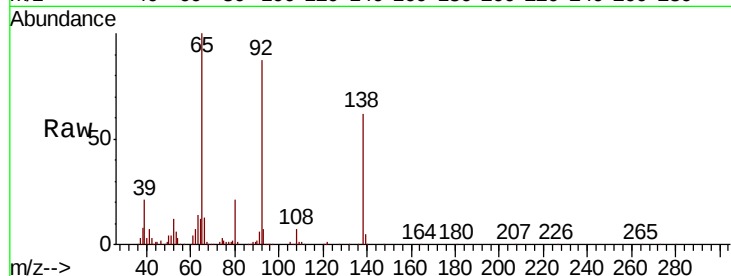
#53
3-Nitroaniline
Concen: 29.679 ng
RT: 14.58 min Scan# 1955
Delta R.T. -0.00 min
Lab File: BG044766.D
Acq: 13 Mar 2020 14:19

Instrument :
BNA_G
ClientSampleId :
PB127481BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.5	9.2	13.8
92	139.8	105.6	158.4

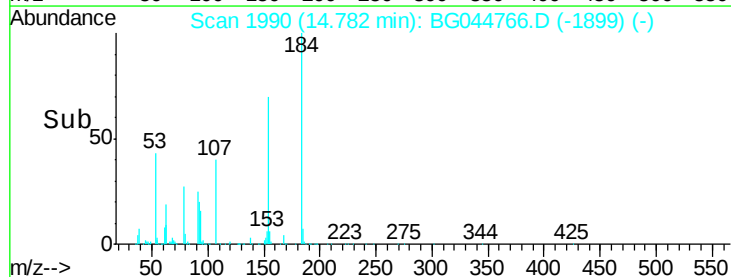
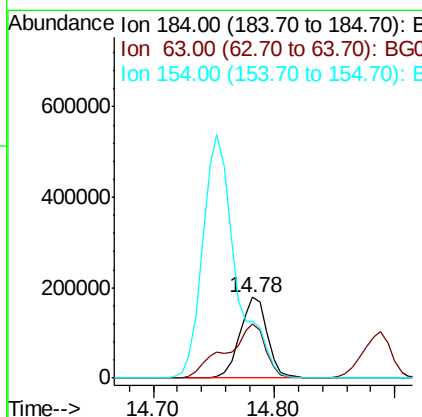
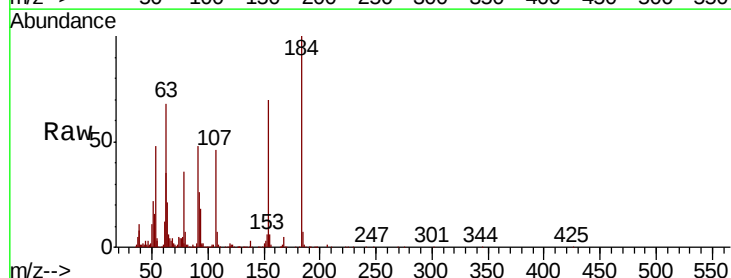
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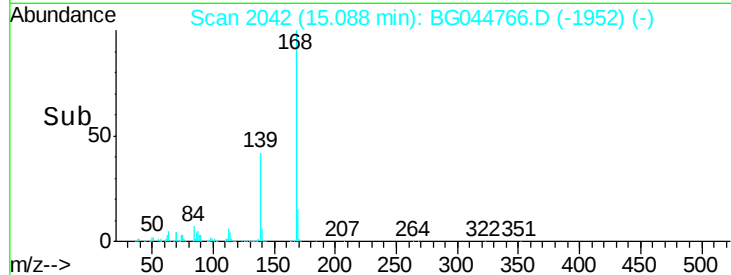
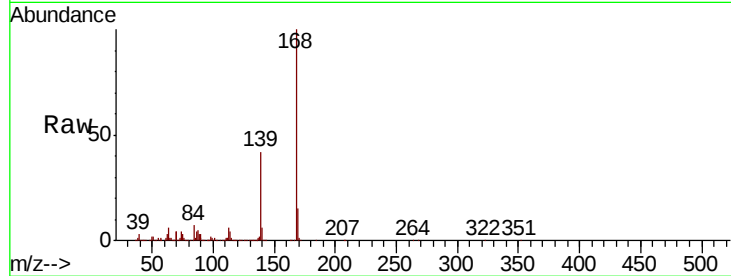
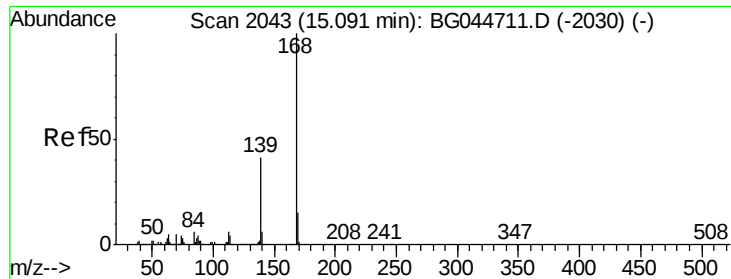
mohammad
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#54
2,4-Dinitrophenol
Concen: 87.428 ng
RT: 14.78 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BG044766.D
Acq: 13 Mar 2020 14:19

Tgt Ion	Ratio	Lower	Upper
184	100		
63	67.9	49.0	73.6
154	70.1	94.5	141.7#





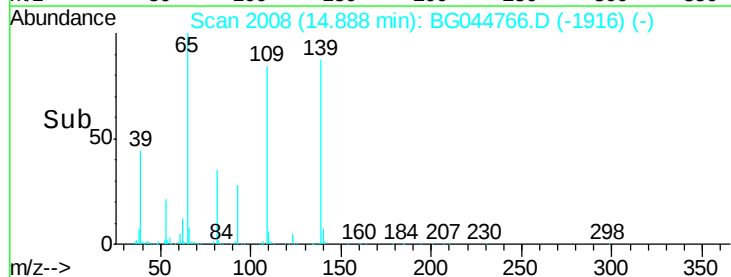
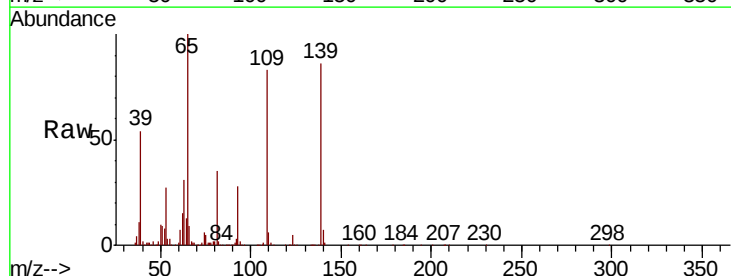
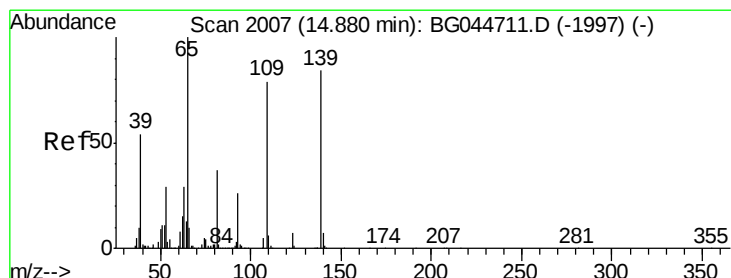
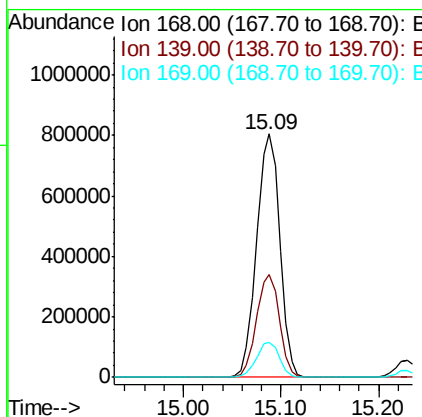
#55
Dibenzofuran
Concen: 38.526 ng
RT: 15.09 min Scan# 2042
Delta R.T. -0.00 min
Lab File: BG044766.D
Acq: 13 Mar 2020 14:19

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.1	32.6	49.0
169	14.6	11.8	17.6

Instrument :
BNA_G
ClientSampleId :
PB127481BSD

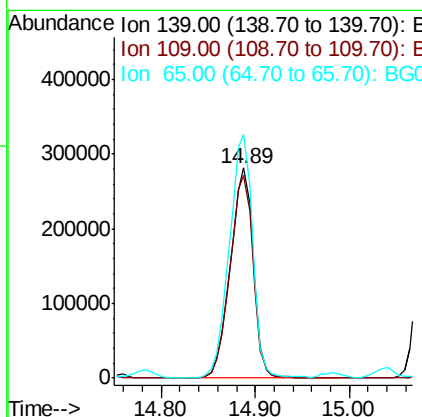
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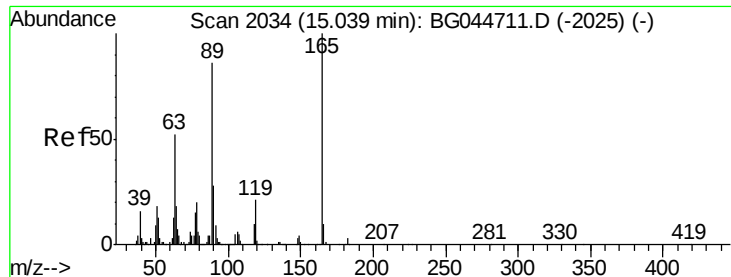
mohammad
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#56
4-Nitrophenol
Concen: 88.583 ng
RT: 14.89 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BG044766.D
Acq: 13 Mar 2020 14:19

Tgt Ion	Ratio	Lower	Upper
139	100		
109	96.1	74.1	114.1
65	115.8	98.6	138.6





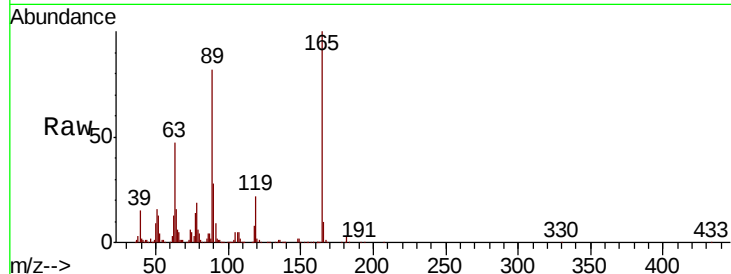
#57
 2,4-Dinitrotoluene
 Concen: 43.376 ng
 RT: 15.04 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BG044766.D
 Acq: 13 Mar 2020 14:19

Instrument :
 BNA_G
 ClientSampleId :
 PB127481BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		364998		
63	47.3		41.5	62.3	
89	82.0		69.0	103.4	
182	2.6		2.7	4.1	

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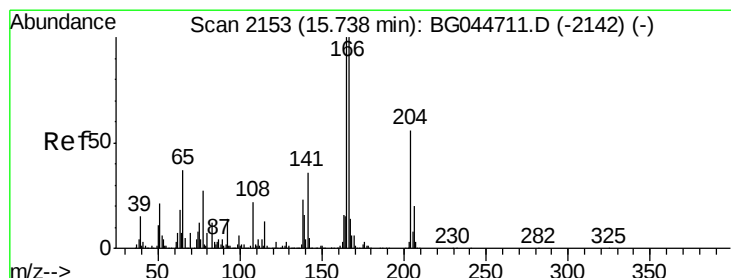
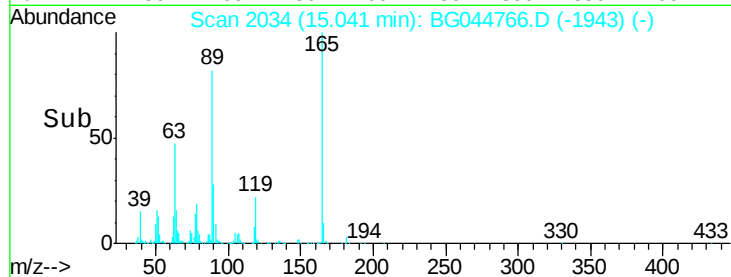
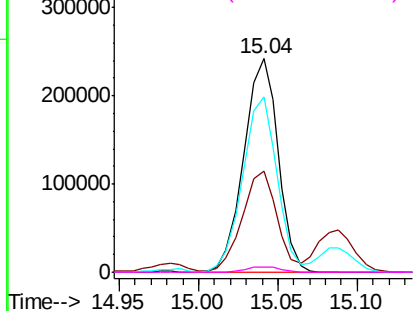


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

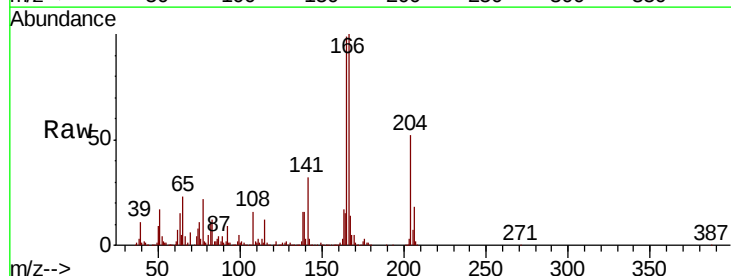
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 38.320 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. -0.00 min
 Lab File: BG044766.D
 Acq: 13 Mar 2020 14:19

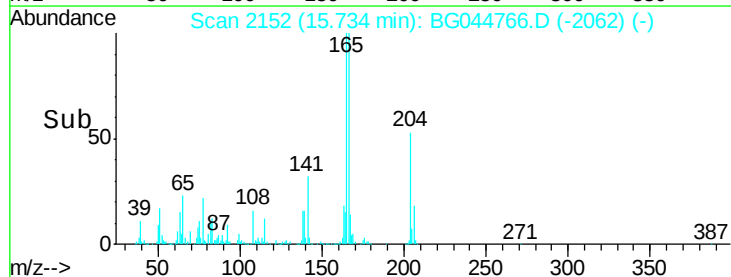
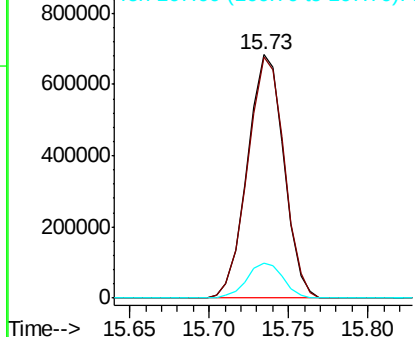
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1094206		
165	99.2		79.6	119.4	
167	14.4		11.4	17.2	

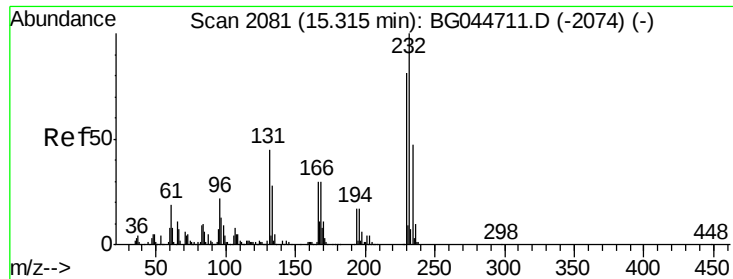


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





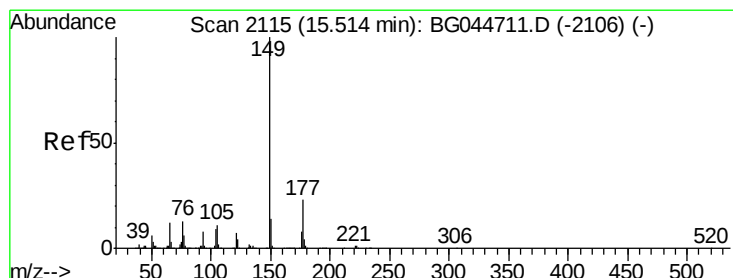
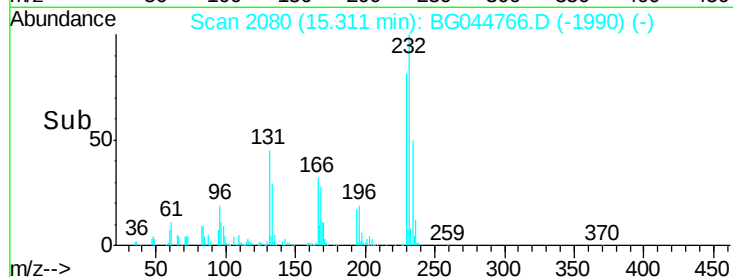
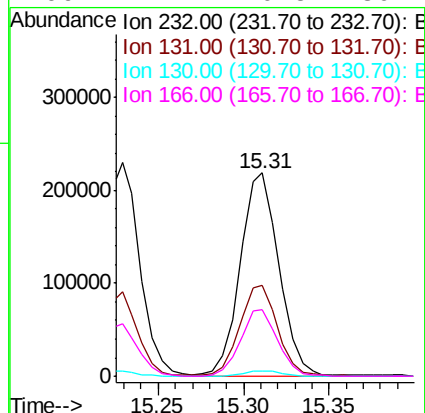
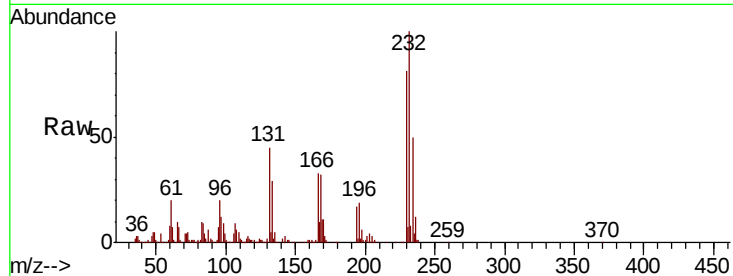
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.550 ng/ml
RT: 15.31 min Scan# 2080
Delta R.T. -0.00 min
Lab File: BG044766.D
Acq: 13 Mar 2020 14:19

Instrument :
BNA_G
ClientSampleId :
PB127481BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	347319		
131	39.0		32.4	48.6
130	2.6		2.0	3.0
166	24.7		20.5	30.7

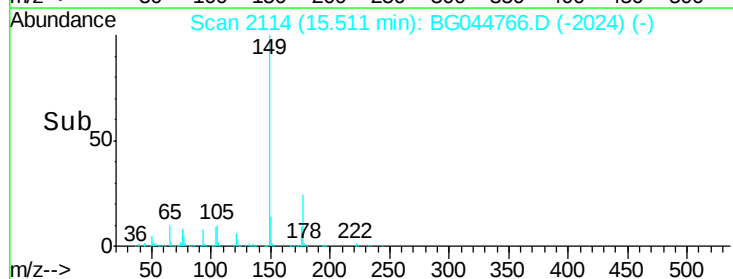
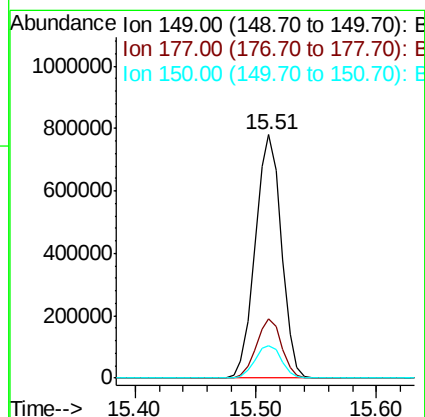
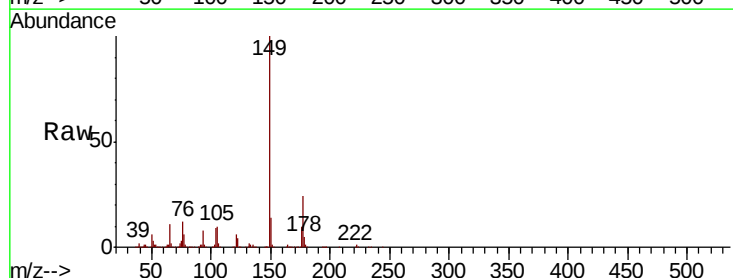
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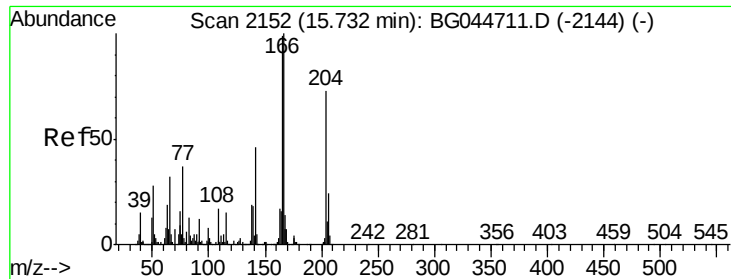
mohammad
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#60
Diethylphthalate
Concen: 37.223 ng/ml
RT: 15.51 min Scan# 2114
Delta R.T. -0.00 min
Lab File: BG044766.D
Acq: 13 Mar 2020 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1181737		
177	24.3		18.8	28.2
150	13.6		11.2	16.8





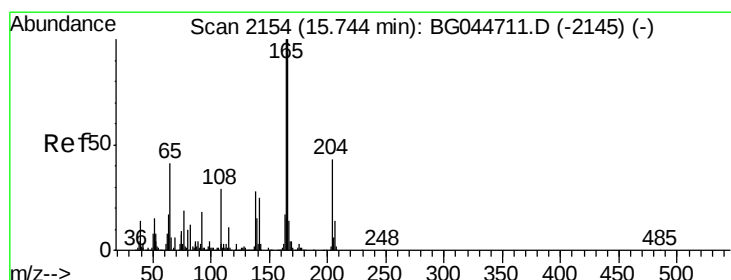
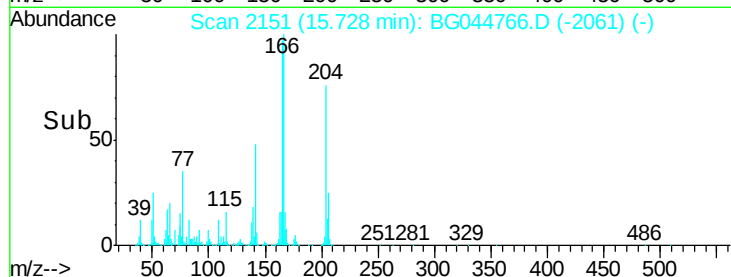
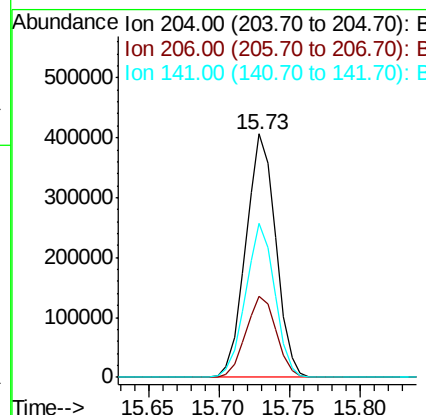
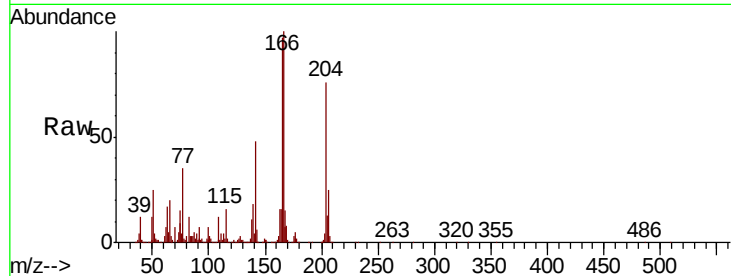
#61
4-Chlorophenyl-phenylether
Concen: 39.245 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BG044766.D
Acq: 13 Mar 2020 14:19

Instrument :
BNA_G
ClientSampleId :
PB127481BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	25.8	38.6
141	63.1	50.8	76.2

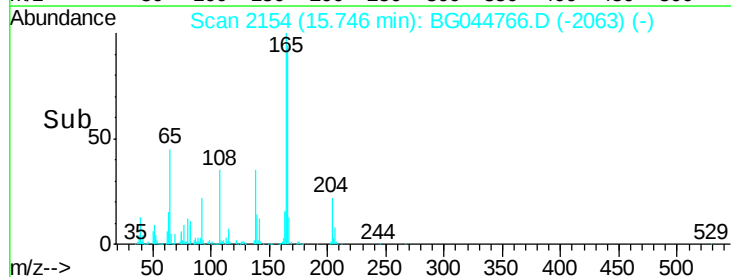
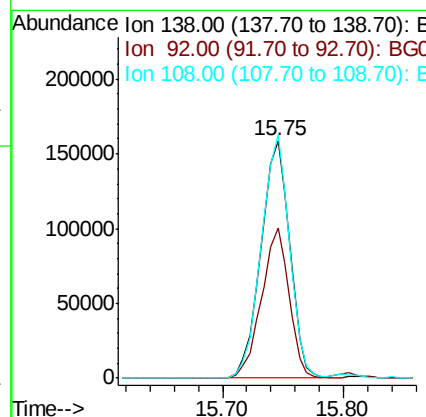
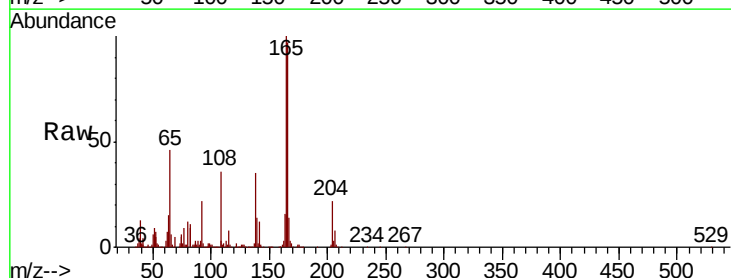
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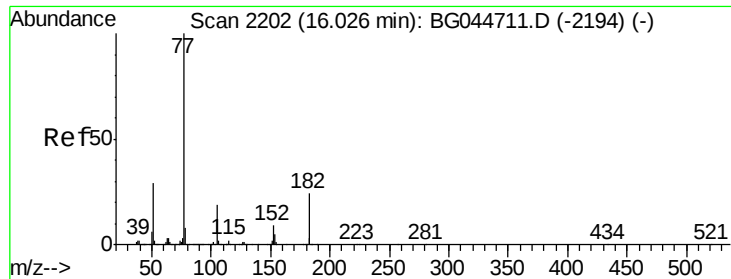
mohammad
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#62
4-Nitroaniline
Concen: 35.191 ng
RT: 15.75 min Scan# 2154
Delta R.T. 0.00 min
Lab File: BG044766.D
Acq: 13 Mar 2020 14:19

Tgt Ion	Ratio	Lower	Upper
138	100		
92	63.0	42.1	82.1
108	102.4	81.2	121.2





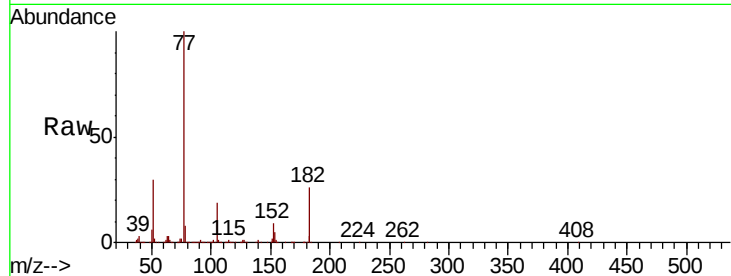
#63
Azobenzene
Concen: 37.917 ng
RT: 16.02 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BG044766.D
Acq: 13 Mar 2020 14:19

Instrument :
BNA_G
ClientSampleId :
PB127481BSD

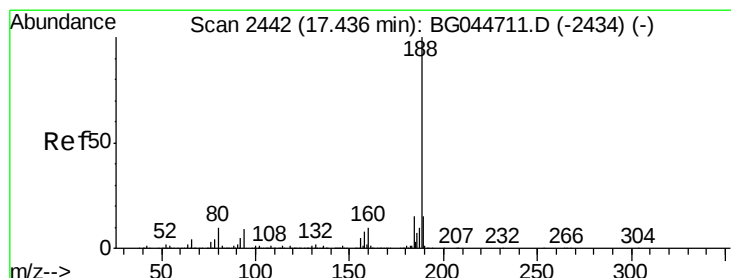
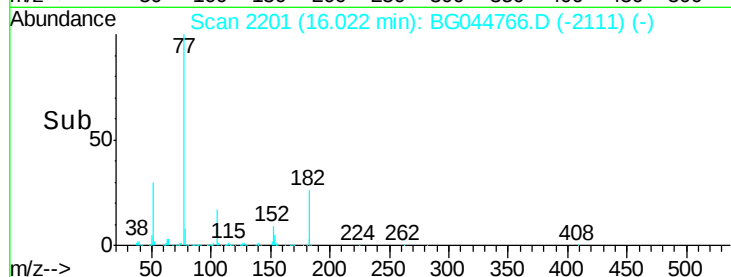
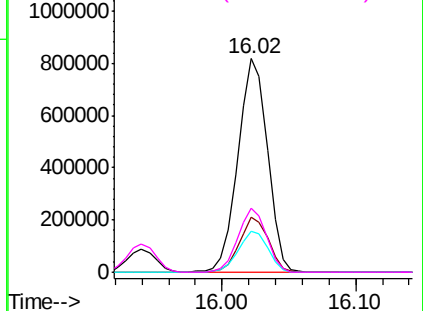
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	25.7	3.6	43.6	
105	18.9	0.0	39.3	
51	29.9	8.7	48.7	

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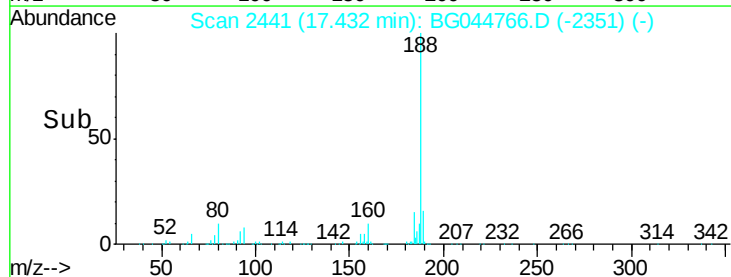
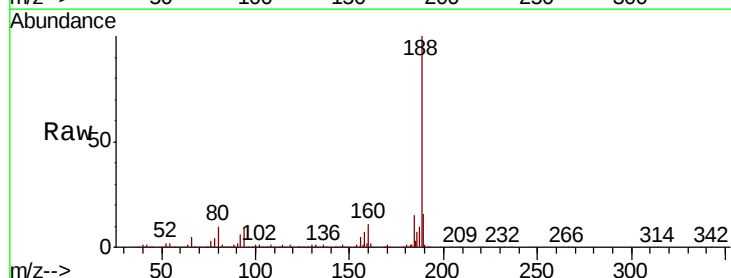
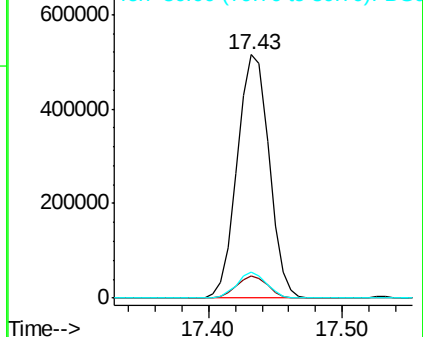
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

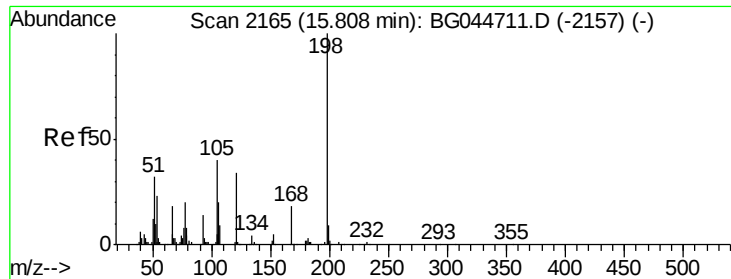


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG044766.D
Acq: 13 Mar 2020 14:19

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.3	7.0	10.6	
80	10.5	8.4	12.6	

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





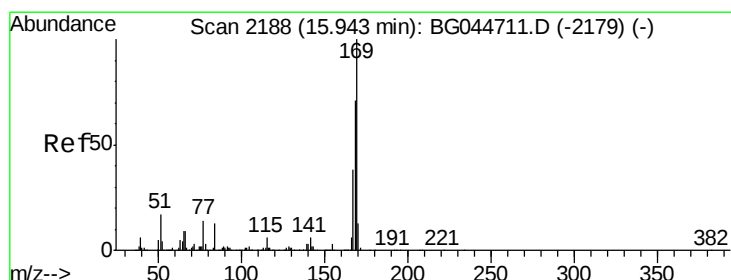
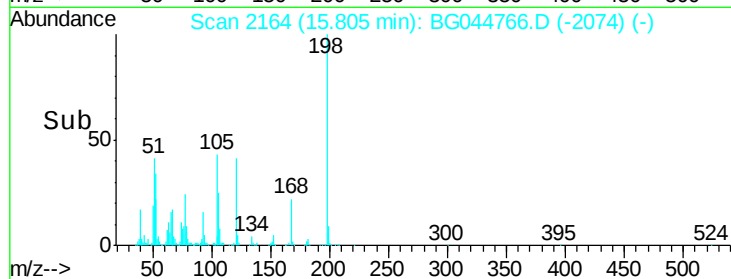
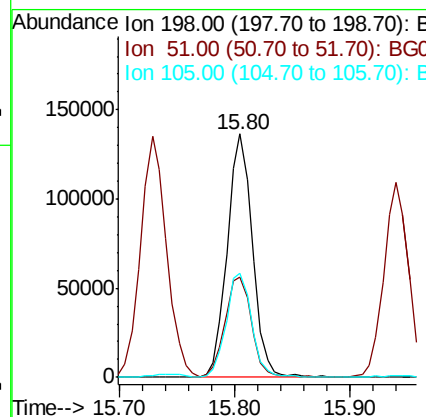
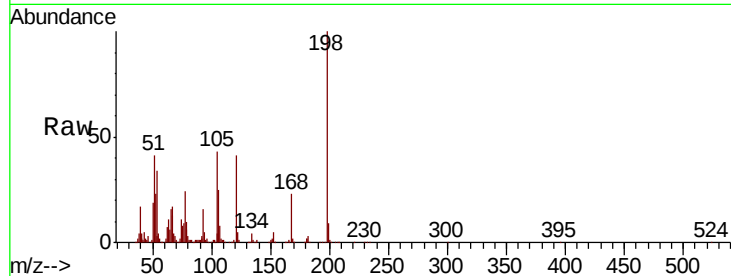
#65
 4,6-Dinitro-2-methylphenol
 Concen: 50.927 ng
 RT: 15.80 min Scan# 2164
 Delta R.T. -0.00 min
 Lab File: BG044766.D
 Acq: 13 Mar 2020 14:19

Instrument :
 BNA_G
 ClientSampleId :
 PB127481BSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	205915		
51	41.4		20.1	60.1
105	43.0		21.3	61.3

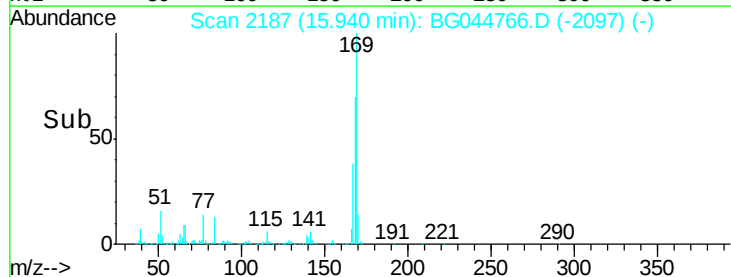
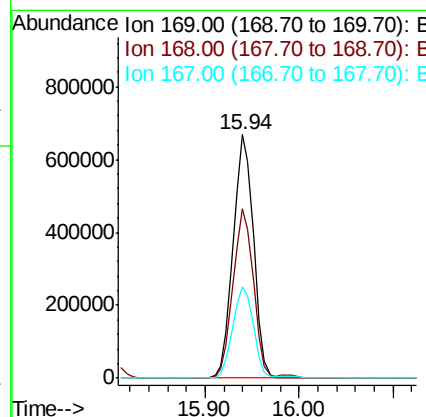
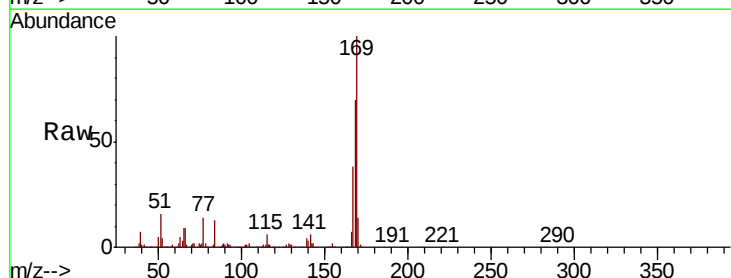
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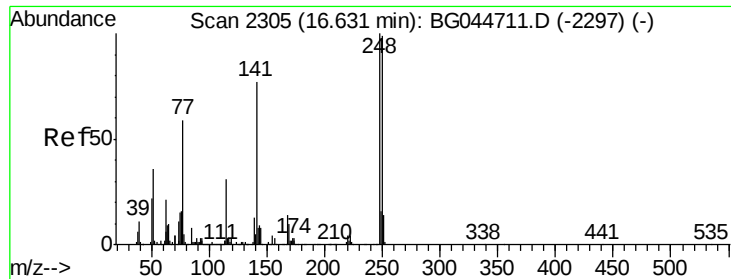
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#66
 n-Nitrosodiphenylamine
 Concen: 39.136 ng
 RT: 15.94 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: BG044766.D
 Acq: 13 Mar 2020 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1001344		
168	69.6		56.6	85.0
167	37.6		30.1	45.1





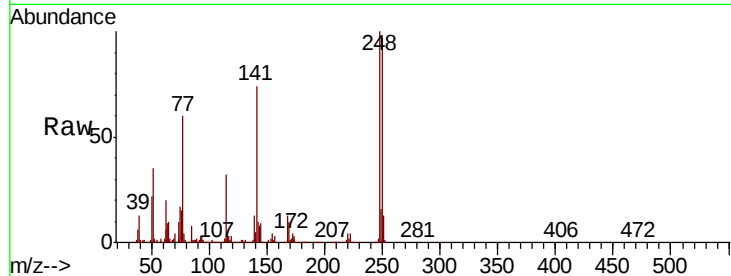
#67
4-Bromophenyl-phenylether
Concen: 38.657 ng
RT: 16.62 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BG044766.D
Acq: 13 Mar 2020 14:19

Instrument :
BNA_G
ClientSampleId :
PB127481BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.2	79.4	119.0
141	74.5	61.7	92.5

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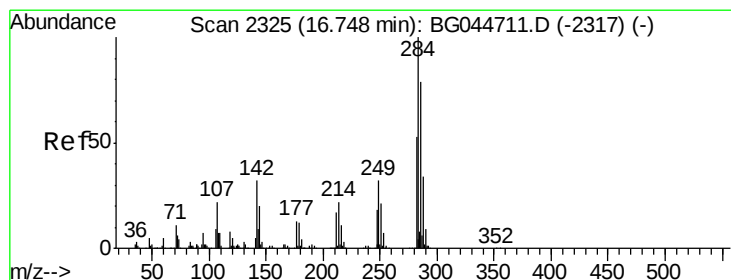
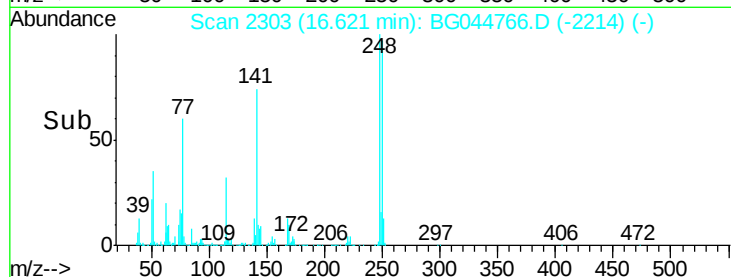
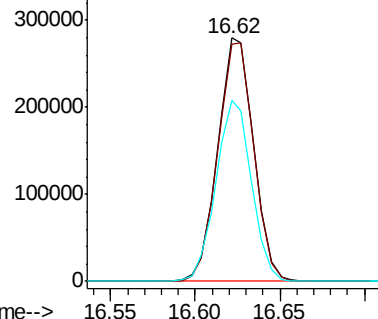


Abundance

Ion 248.00 (247.70 to 248.70): E

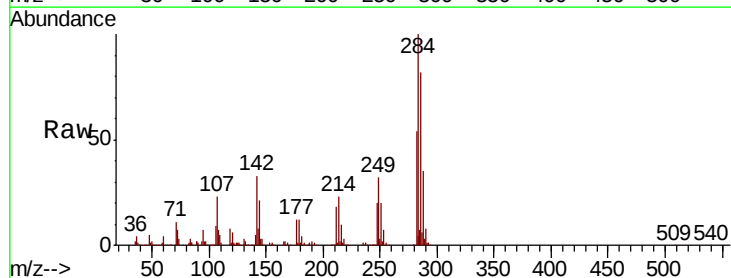
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 37.951 ng
RT: 16.74 min Scan# 2324
Delta R.T. -0.00 min
Lab File: BG044766.D
Acq: 13 Mar 2020 14:19

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.6	25.6	38.4
249	32.3	25.8	38.6

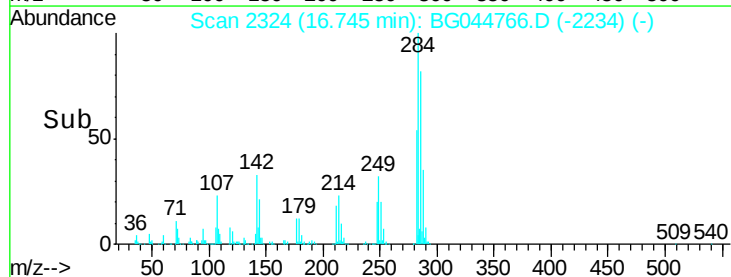
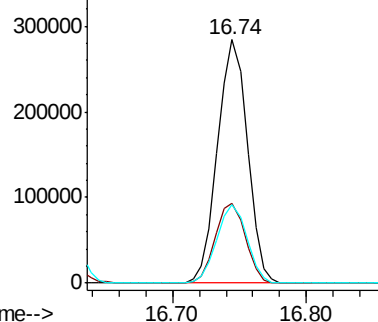


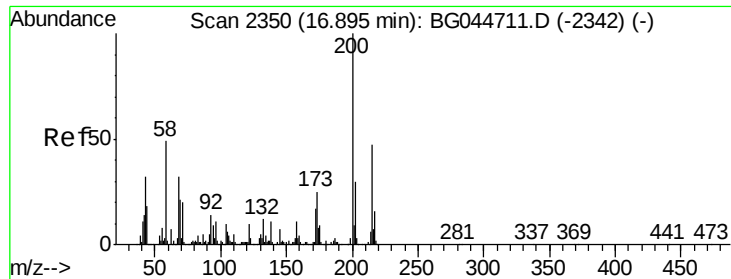
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





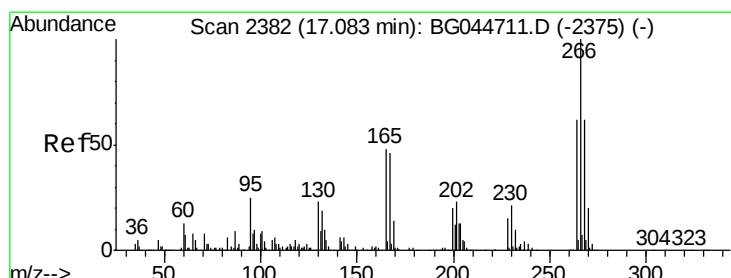
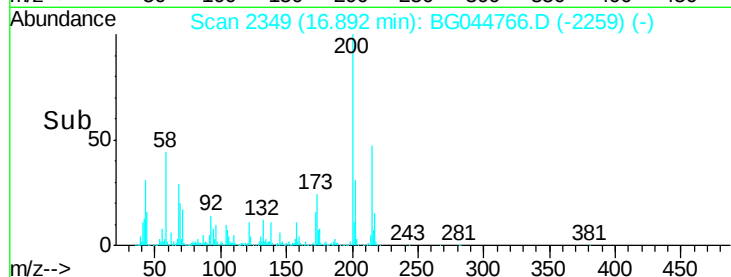
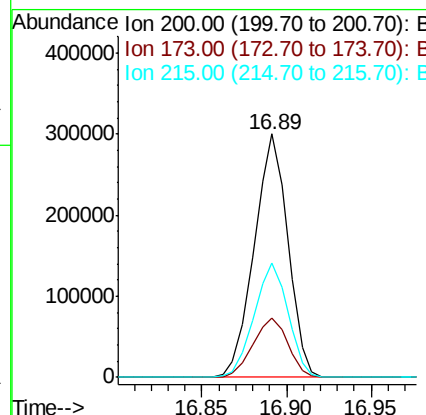
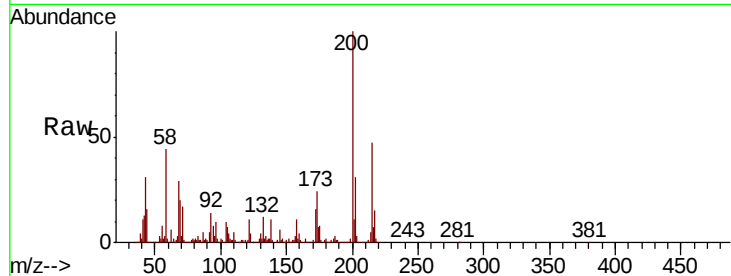
#69
Atrazine
Concen: 44.355 ng
RT: 16.89 min Scan# 2349
Delta R.T. -0.00 min
Lab File: BG044766.D
Acq: 13 Mar 2020 14:19

Instrument :
BNA_G
ClientSampleId :
PB127481BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	24.1	4.8	44.8
215	46.9	27.4	67.4

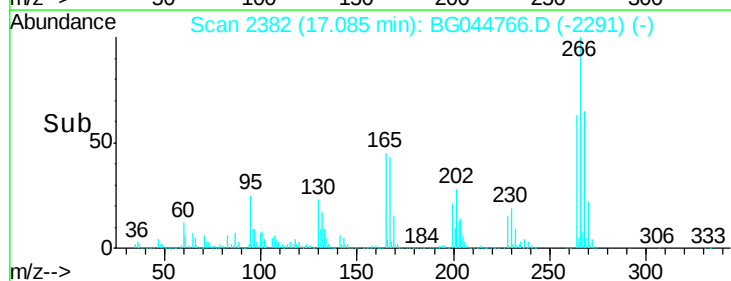
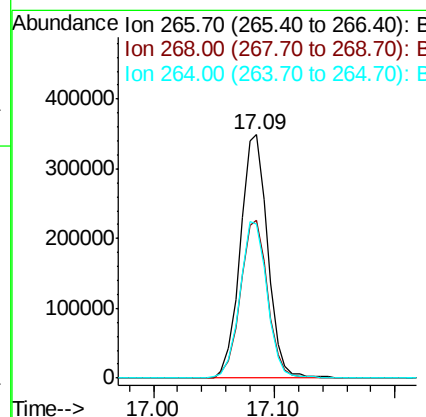
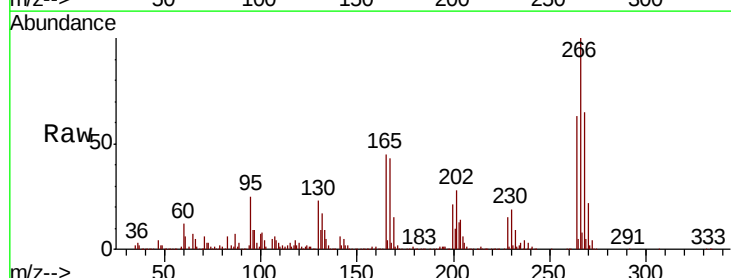
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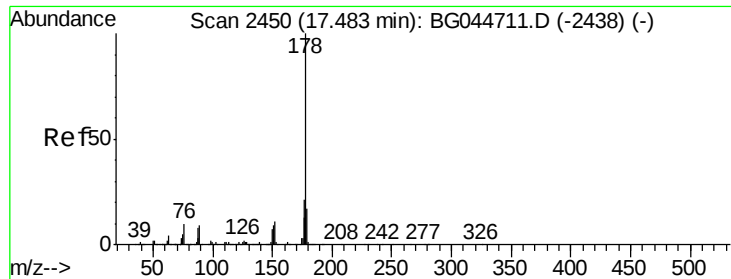
mohammad
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#70
Pentachlorophenol
Concen: 87.244 ng
RT: 17.09 min Scan# 2382
Delta R.T. 0.00 min
Lab File: BG044766.D
Acq: 13 Mar 2020 14:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.9	49.9	74.9
264	63.3	49.9	74.9





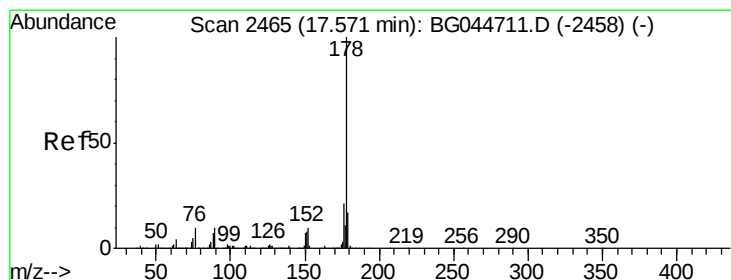
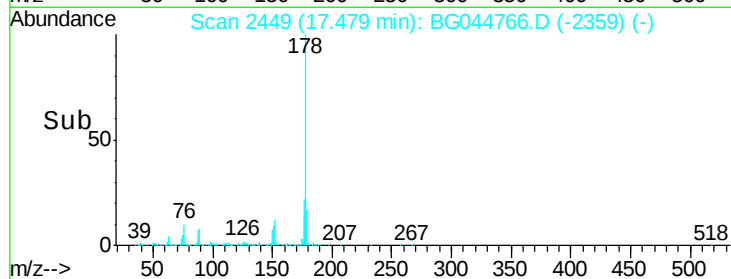
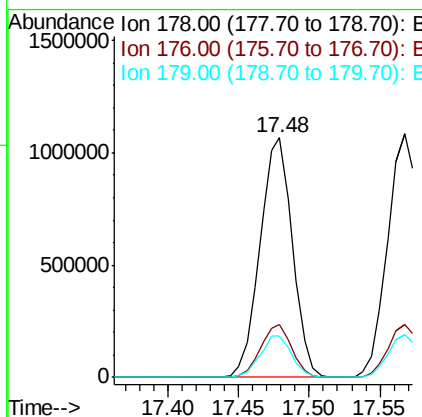
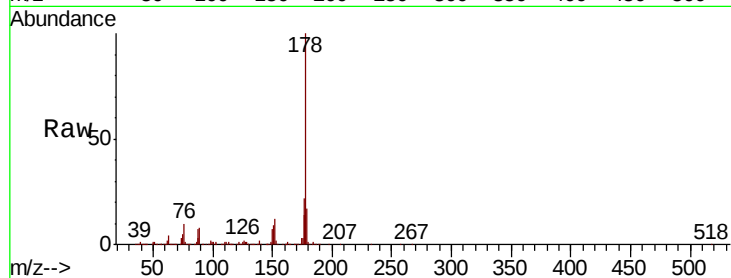
#71
Phenanthrene
Concen: 37.943 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.00 min
Lab File: BG044766.D
Acq: 13 Mar 2020 14:19

Instrument :
BNA_G
ClientSampleId :
PB127481BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	22.1	17.0	25.6
179	17.3	13.7	20.5

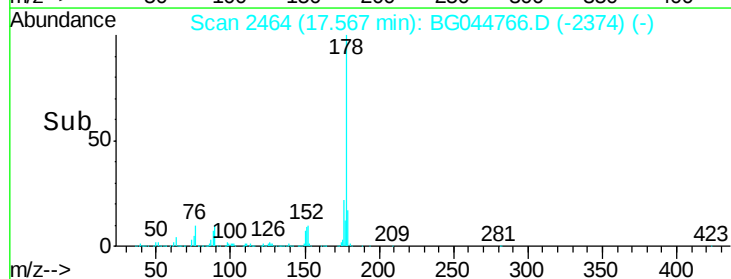
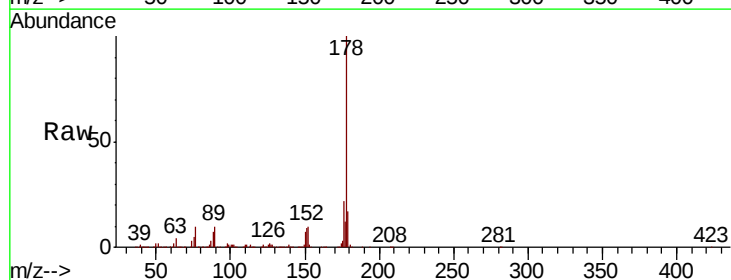
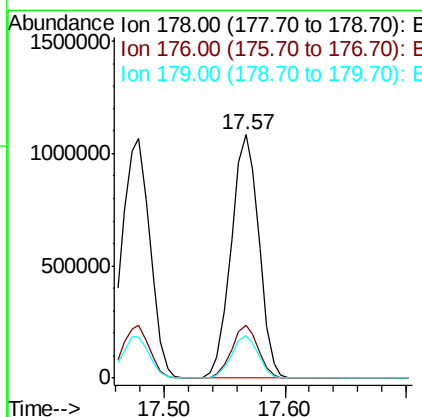
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#72
Anthracene
Concen: 38.564 ng
RT: 17.57 min Scan# 2464
Delta R.T. -0.00 min
Lab File: BG044766.D
Acq: 13 Mar 2020 14:19

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.5	17.0	25.6
179	17.5	13.8	20.8





#73

Carbazole

Concen: 38.458 ng

RT: 17.83 min Scan# 2509

Delta R.T. -0.00 min

Lab File: BG044766.D

Acq: 13 Mar 2020 14:19

Instrument :

BNA_G

ClientSampleId :

PB127481BSD

Tot Ion:167 Resp: 1654319

Ion Ratio Lower Upper

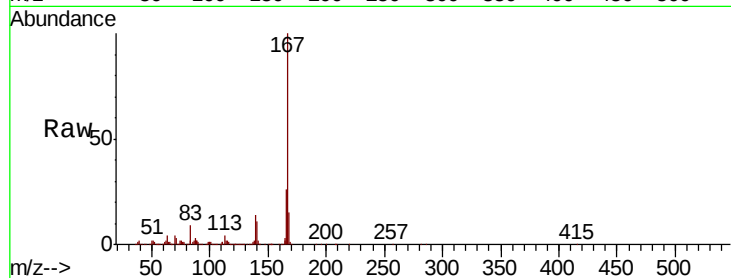
167 100

166 25.9 19.6 29.4

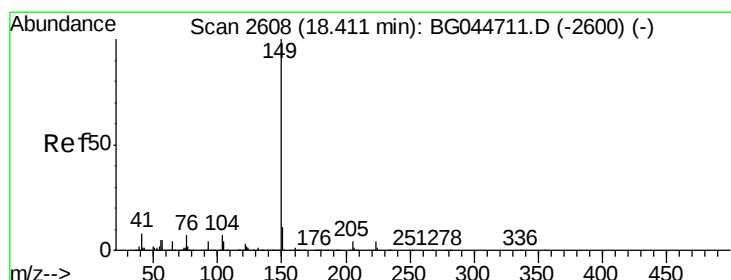
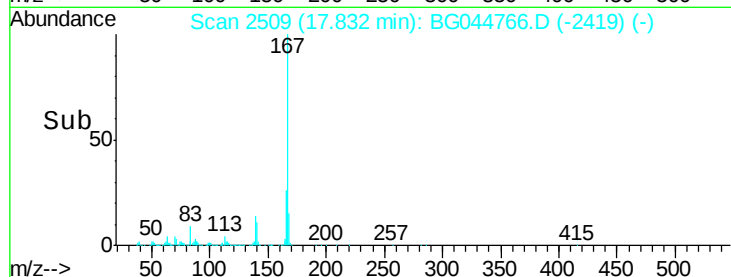
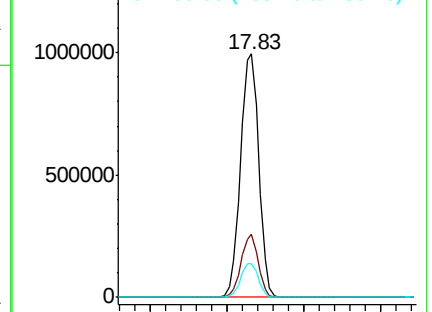
139 13.9 11.4 17.2

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



#74

Di-n-butylphthalate

Concen: 36.806 ng

RT: 18.40 min Scan# 2606

Delta R.T. -0.01 min

Lab File: BG044766.D

Acq: 13 Mar 2020 14:19

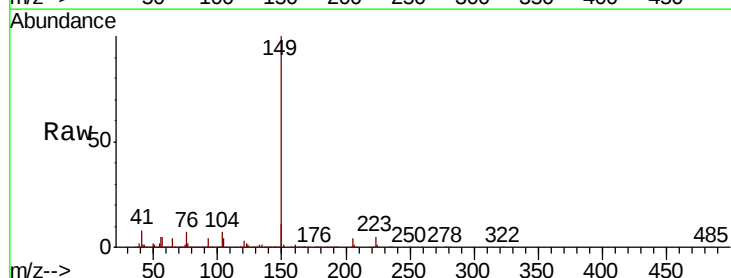
Tgt Ion:149 Resp: 1924600

Ion Ratio Lower Upper

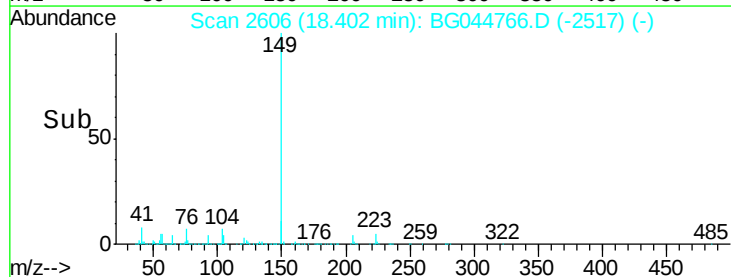
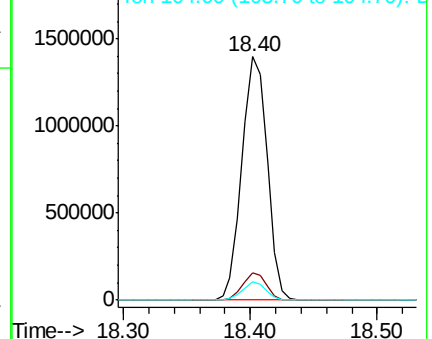
149 100

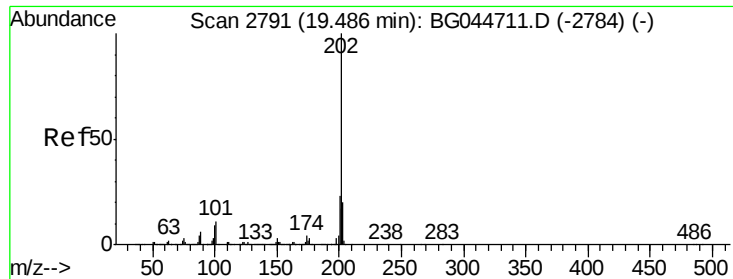
150 11.4 8.4 12.6

104 7.4 5.6 8.4



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





#75

Fluoranthene

Concen: 38.213 ng

RT: 19.48 min Scan# 2790

Delta R.T. -0.00 min

Lab File: BG044766.D

Acq: 13 Mar 2020 14:19

Instrument :

BNA_G

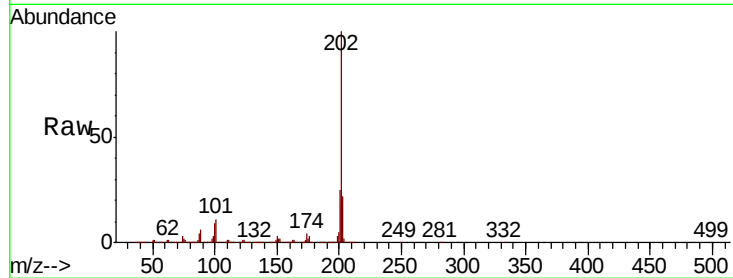
ClientSampleId :

PB127481BSD

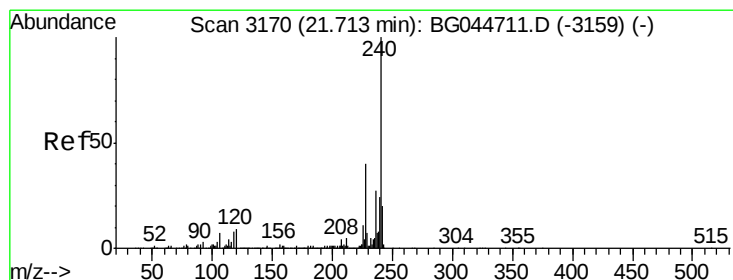
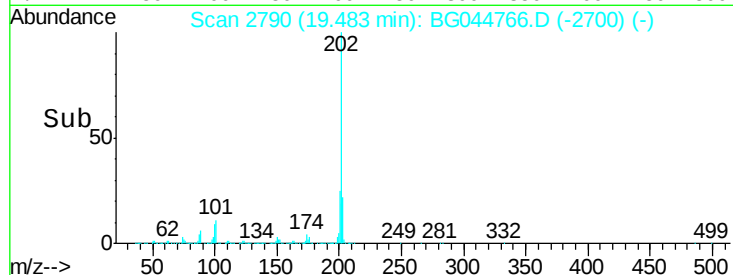
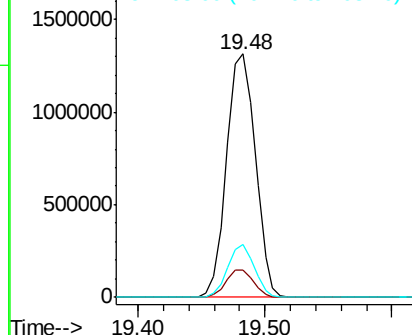
Tot Ion:	202	Resp:	2066350
Ion Ratio	Lower	Upper	
202	100		
101	11.2	0.0	31.3
203	21.5	0.4	40.4

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



#76

Chrysene-d12

Concen: 20.000 ng

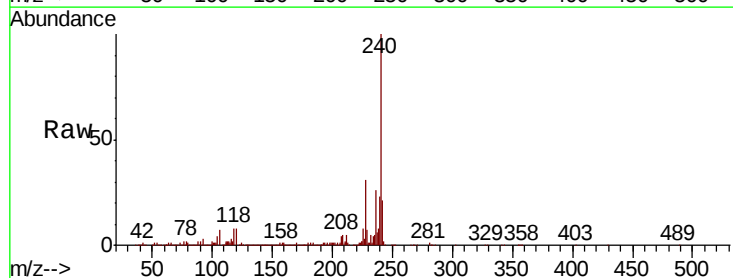
RT: 21.71 min Scan# 3169

Delta R.T. -0.00 min

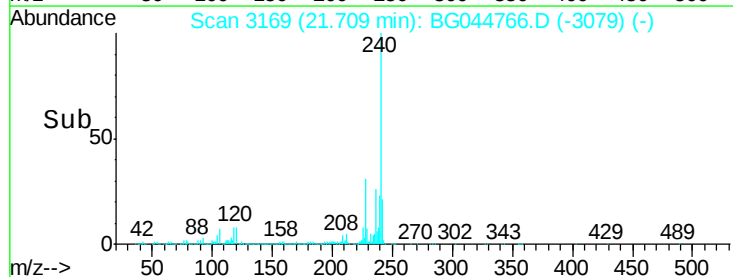
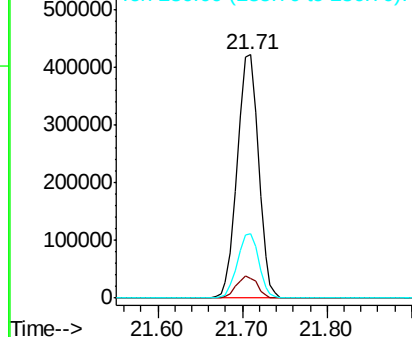
Lab File: BG044766.D

Acq: 13 Mar 2020 14:19

Tgt Ion:	240	Resp:	728489
Ion Ratio	Lower	Upper	
240	100		
120	8.2	6.9	10.3
236	26.3	21.9	32.9



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





#77

Benzidine

Concen: 25.682 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.00 min

Lab File: BG044766.D

Acq: 13 Mar 2020 14:19

Instrument :

BNA_G

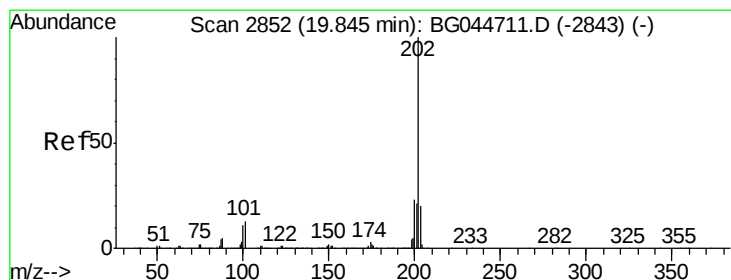
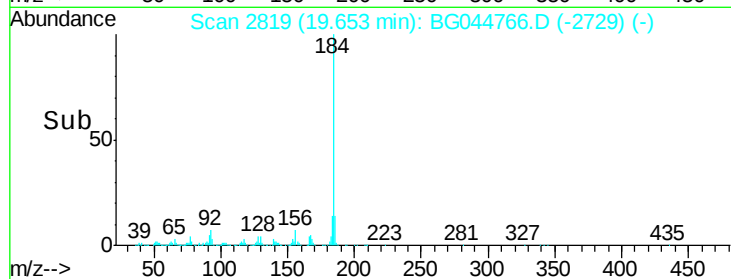
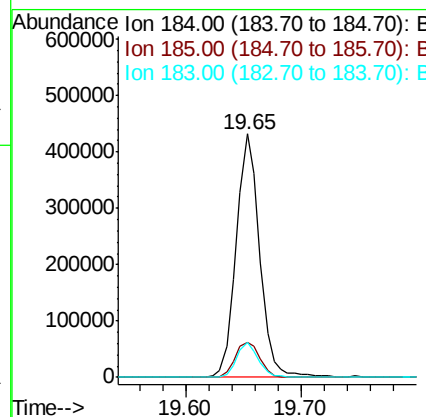
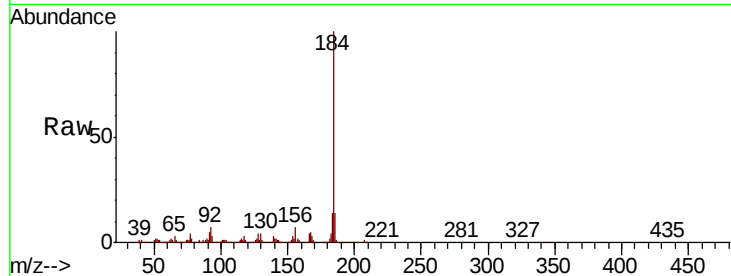
ClientSampleId :

PB127481BSD

Tot Ion:	184	Resp:	607368
Ion Ratio	Lower	Upper	
184	100		
185	14.5	12.9	19.3
183	14.4	10.6	15.8

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#78

Pyrene

Concen: 38.463 ng

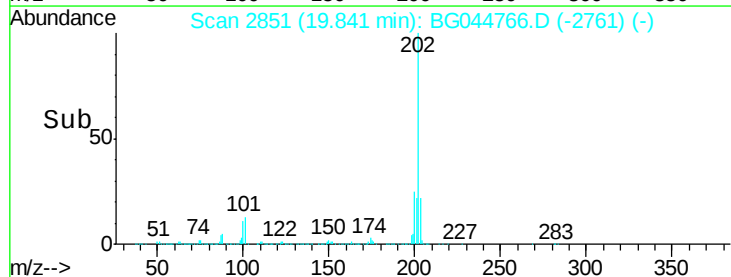
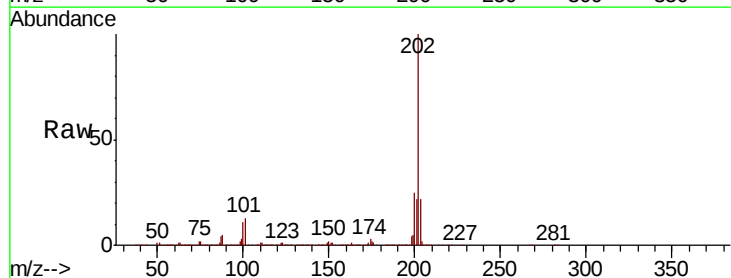
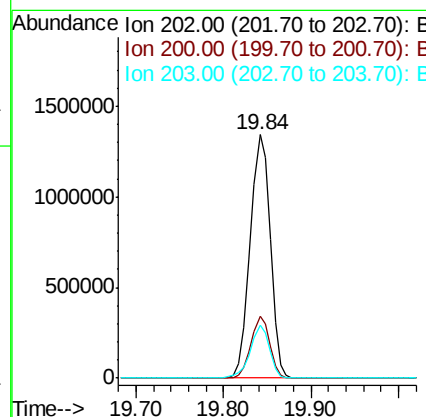
RT: 19.84 min Scan# 2851

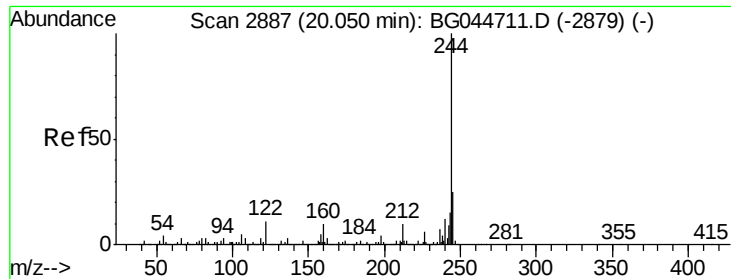
Delta R.T. -0.00 min

Lab File: BG044766.D

Acq: 13 Mar 2020 14:19

Tgt Ion:	202	Resp:	2055736
Ion Ratio	Lower	Upper	
202	100		
200	25.4	18.7	28.1
203	21.8	16.0	24.0





#79

Terphenyl-d14

Concen: 62.636 ng

RT: 20.05 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG044766.D

Acq: 13 Mar 2020 14:19

Instrument :

BNA_G

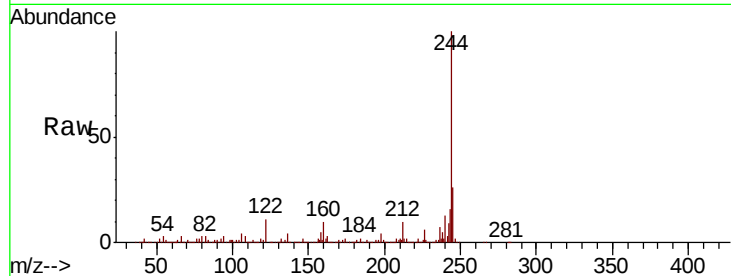
ClientSampleId :

PB127481BSD

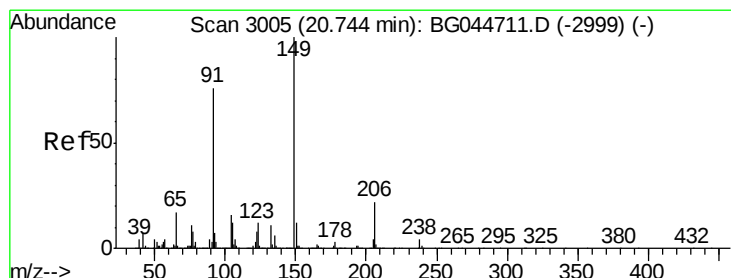
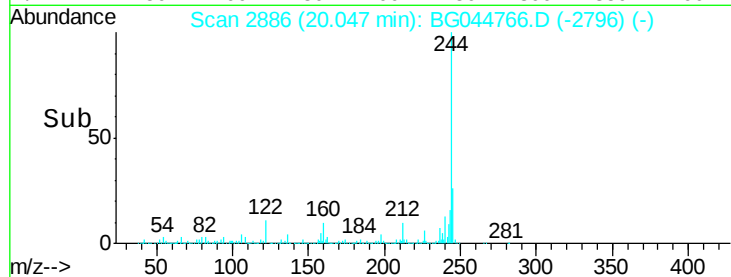
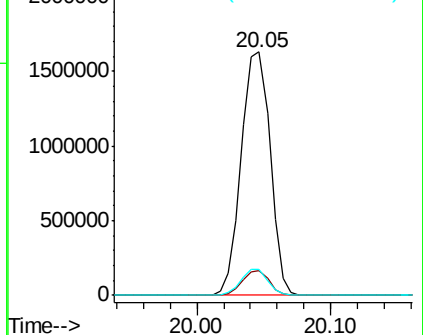
Tot Ion:	244	Resp:	2439384
Ion	Ratio	Lower	Upper
244	100		
212	10.1	8.4	12.6
122	10.6	8.7	13.1

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



#80

Butylbenzylphthalate

Concen: 37.983 ng

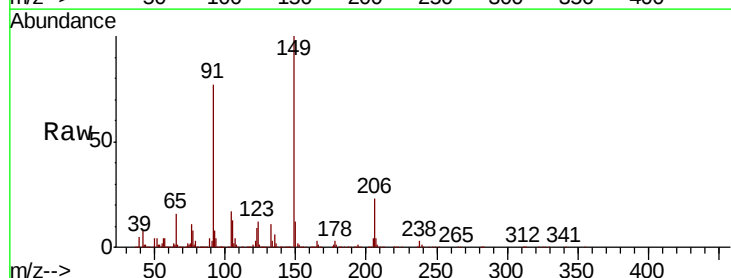
RT: 20.73 min Scan# 3003

Delta R.T. -0.01 min

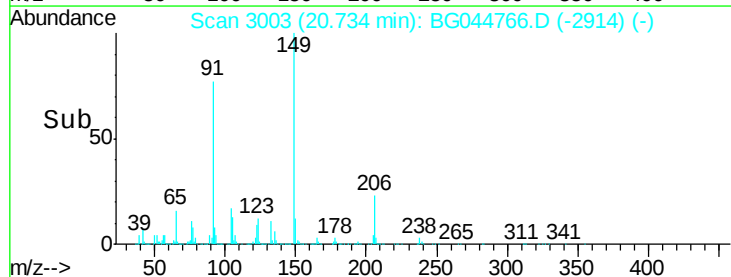
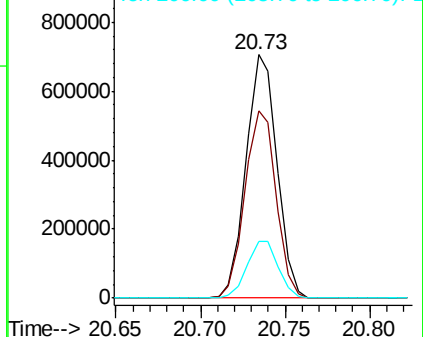
Lab File: BG044766.D

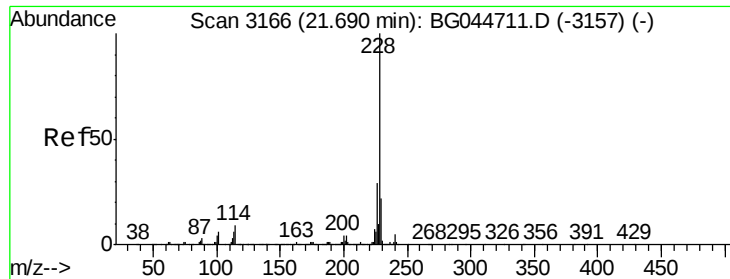
Acq: 13 Mar 2020 14:19

Tgt Ion:	149	Resp:	903148
Ion	Ratio	Lower	Upper
149	100		
91	77.2	61.1	91.7
206	23.3	17.4	26.2



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





#81

Benzo(a)anthracene

Concen: 38.198 ng

RT: 21.69 min Scan# 3165

Delta R.T. -0.00 min

Lab File: BG044766.D

Acq: 13 Mar 2020 14:19

Instrument :

BNA_G

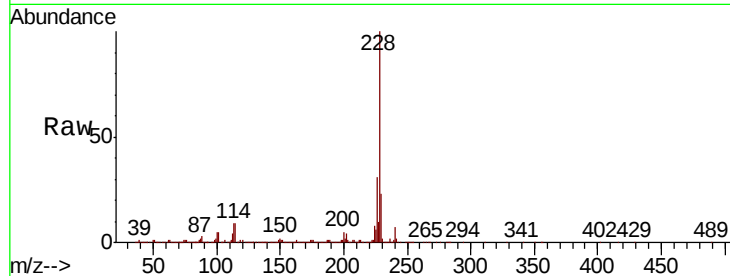
ClientSampleId :

PB127481BSD

Tot Ion:	228	Resp:	2003723
Ion	Ratio	Lower	Upper
228	100		
226	31.5	23.5	35.3
229	23.1	17.2	25.8

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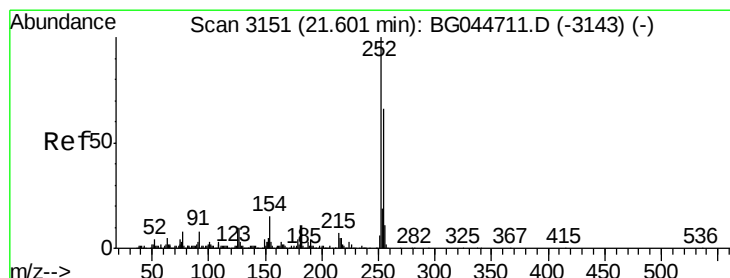
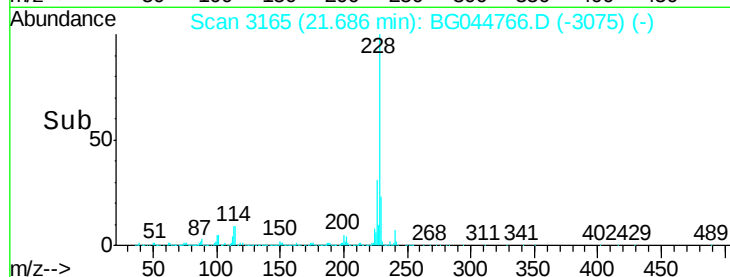
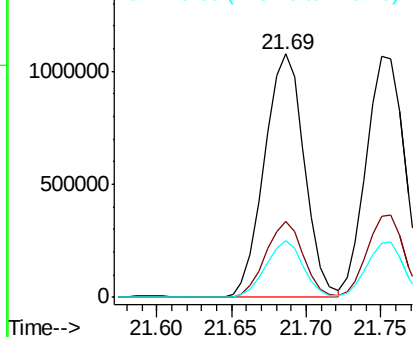


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 35.076 ng

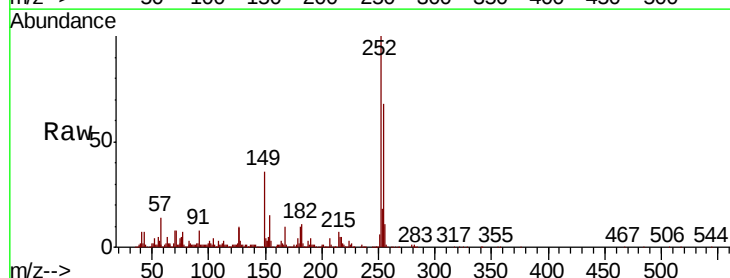
RT: 21.60 min Scan# 3150

Delta R.T. -0.00 min

Lab File: BG044766.D

Acq: 13 Mar 2020 14:19

Tgt Ion:	252	Resp:	711825
Ion	Ratio	Lower	Upper
252	100		
254	68.3	53.0	79.4
126	9.9	8.2	12.4

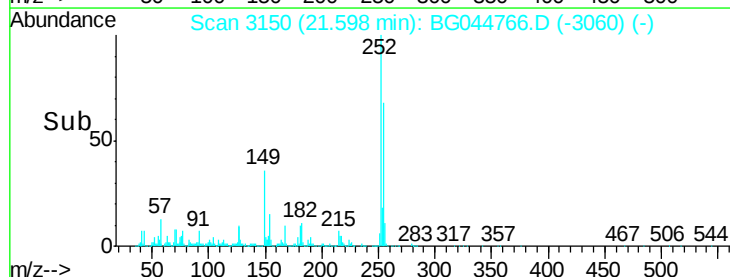
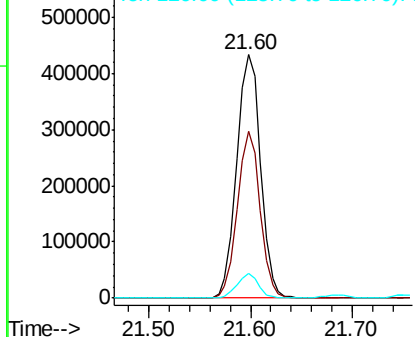


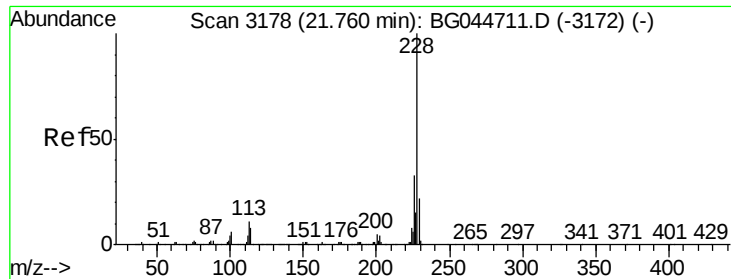
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





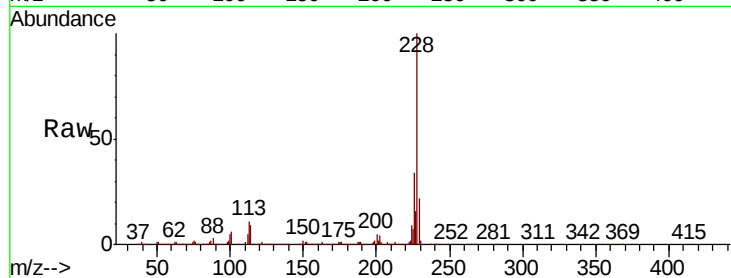
#83
 Chrvsene
 Concen: 37.431 ng
 RT: 21.75 min Scan# 3176
 Delta R.T. -0.01 min
 Lab File: BG044766.D
 Acq: 13 Mar 2020 14:19

Instrument :
 BNA_G
 ClientSampleId :
 PB127481BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.8	26.1	39.1
229	22.3	17.4	26.0

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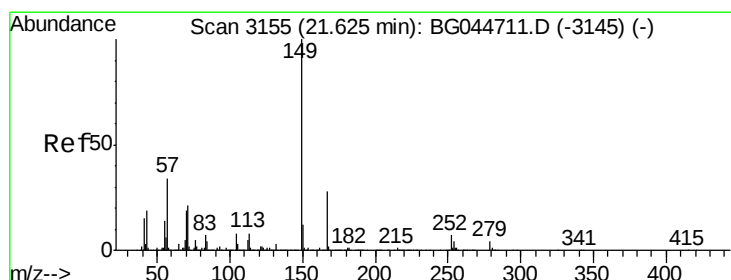
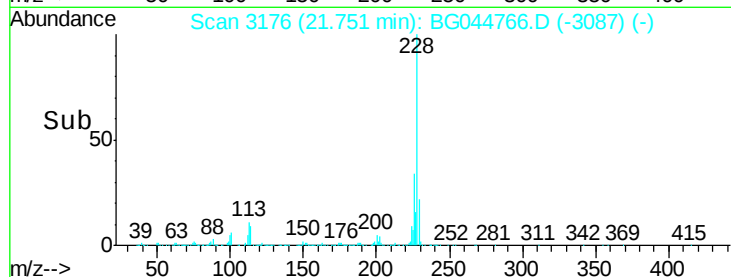
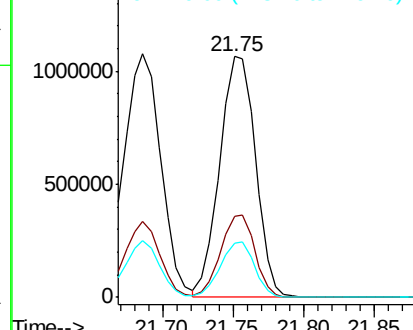


Abundance

Ion 228.00 (227.70 to 228.70): E

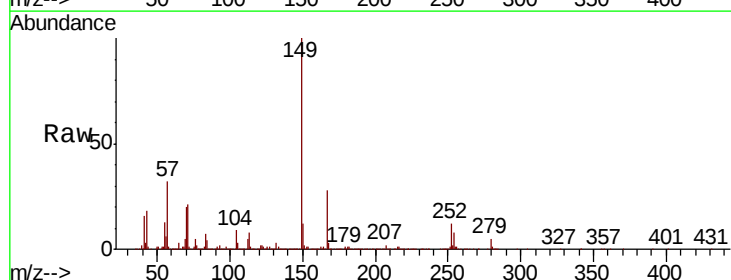
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 38.016 ng
 RT: 21.62 min Scan# 3153
 Delta R.T. -0.01 min
 Lab File: BG044766.D
 Acq: 13 Mar 2020 14:19

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.6	33.8
279	5.0	3.5	5.3

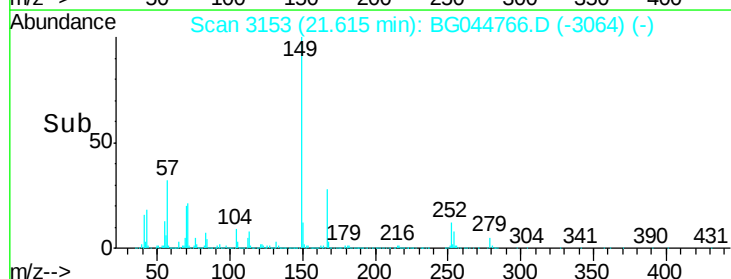
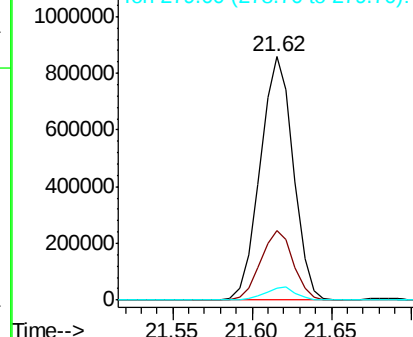


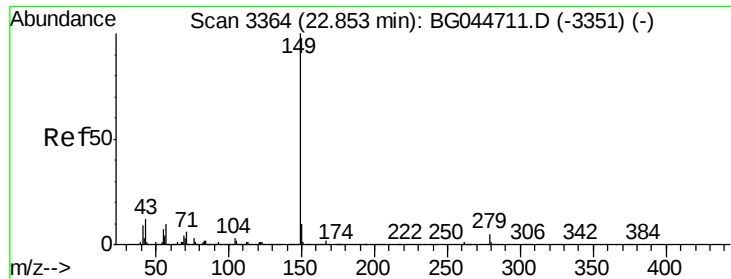
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 38.907 ng

RT: 22.84 min Scan# 3361

Delta R.T. -0.02 min

Lab File: BG044766.D

Acq: 13 Mar 2020 14:19

Instrument :

BNA_G

ClientSampleId :

PB127481BSD

Tot Ion:149 Resp: 2136521

Ion Ratio Lower Upper

149 100

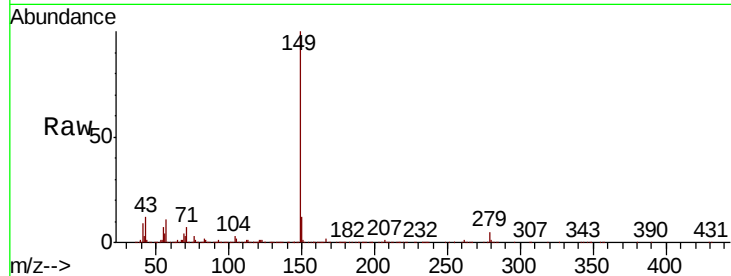
167 1.8 1.4 2.0

43 11.0 9.0 13.6

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Abundance Ion 149.00 (148.70 to 149.70): E

1500000 Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

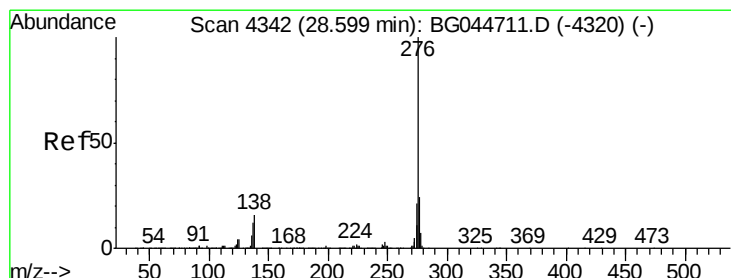
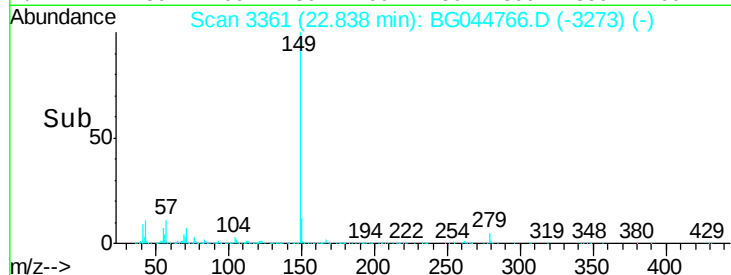
22.84

1000000

500000

0

Time--> 22.70 22.80 22.90



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.916 ng

RT: 28.59 min Scan# 4340

Delta R.T. -0.01 min

Lab File: BG044766.D

Acq: 13 Mar 2020 14:19

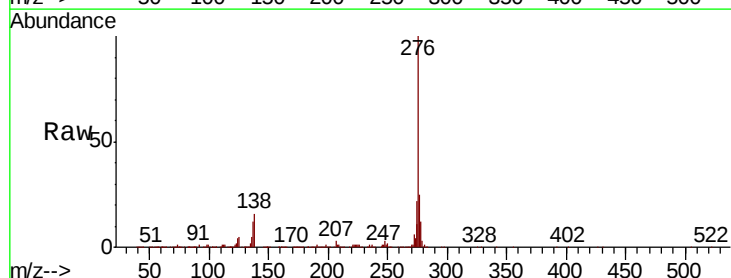
Tgt Ion:276 Resp: 2556473

Ion Ratio Lower Upper

276 100

138 13.0 10.9 16.3

277 26.1 20.8 31.2



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

500000

400000

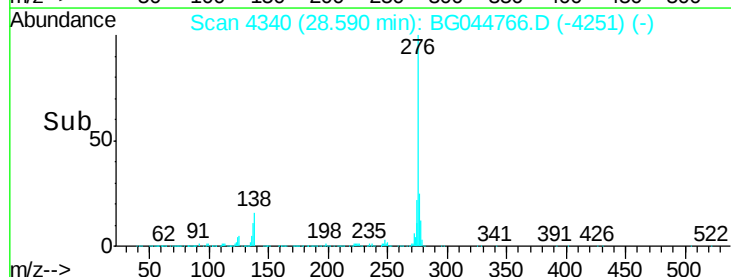
300000

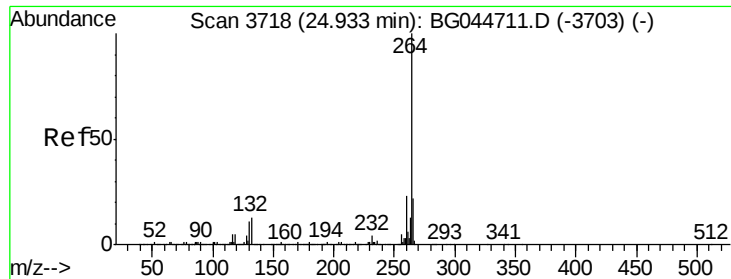
200000

100000

0

Time--> 28.40 28.60 28.80





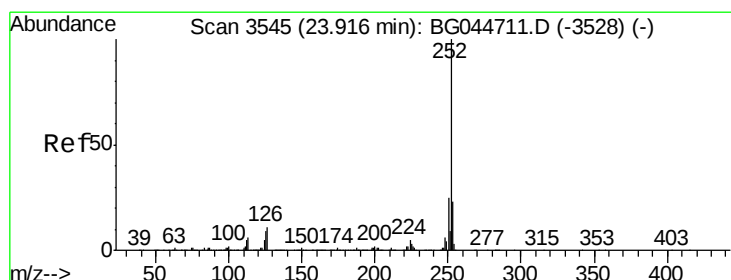
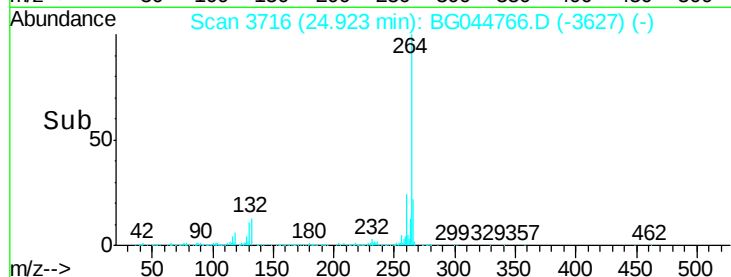
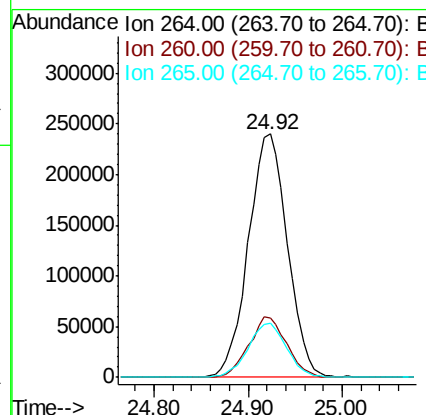
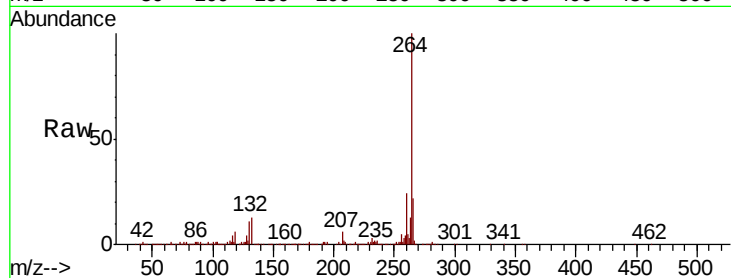
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3716
Delta R.T. -0.01 min
Lab File: BG044766.D
Acq: 13 Mar 2020 14:19

Instrument :
BNA_G
ClientSampleId :
PB127481BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.4	27.6
265	22.2	17.4	26.2

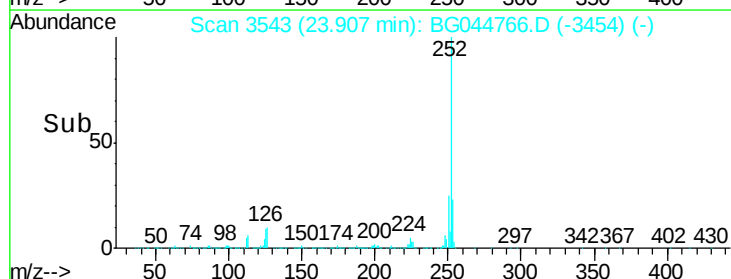
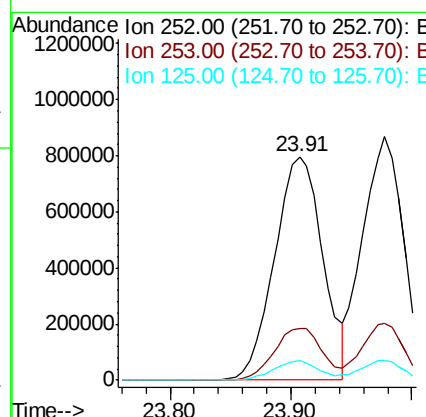
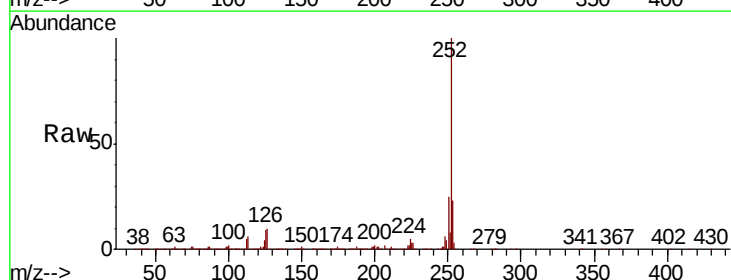
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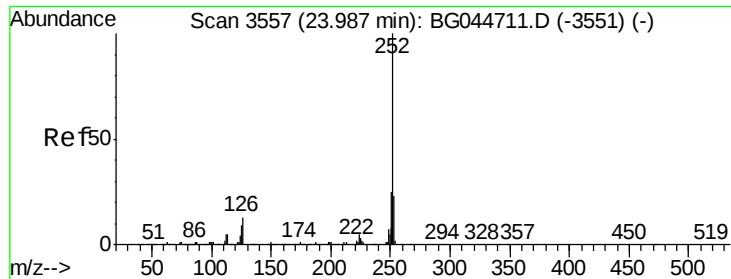
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#88
Benzo(b)fluoranthene
Concen: 48.386 ng
RT: 23.91 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG044766.D
Acq: 13 Mar 2020 14:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.7	28.1
125	8.8	7.2	10.8





#89

Benzo(k)fluoranthene

Concen: 47.603 ng

RT: 23.98 min Scan# 3555

Delta R.T. -0.01 min

Lab File: BG044766.D

Acq: 13 Mar 2020 14:19

Instrument :

BNA_G

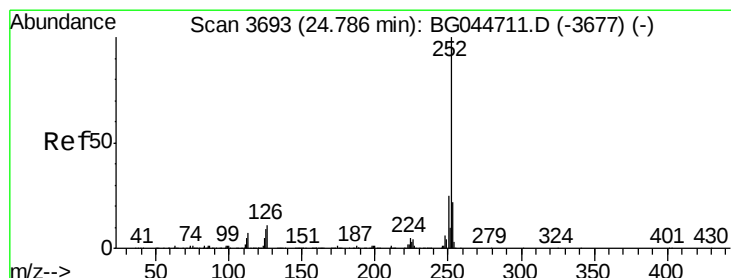
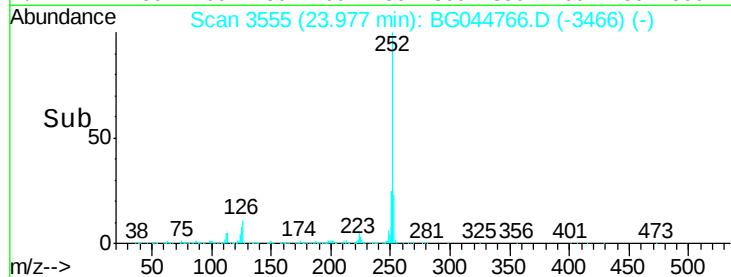
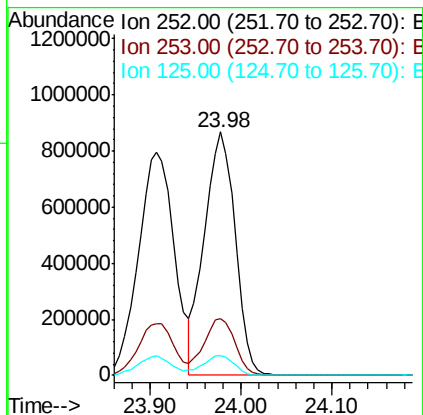
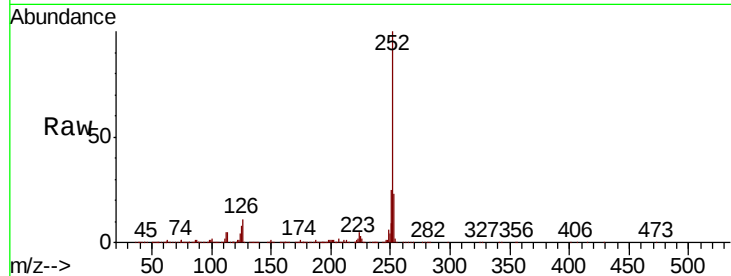
ClientSampleId :

PB127481BSD

Tot	Ion:252	Resp: 2046581	
Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.4	27.6
125	8.1	7.0	10.4

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#90

Benzo(a)pyrene

Concen: 46.768 ng

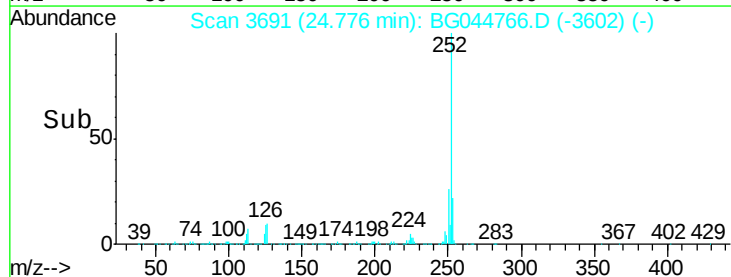
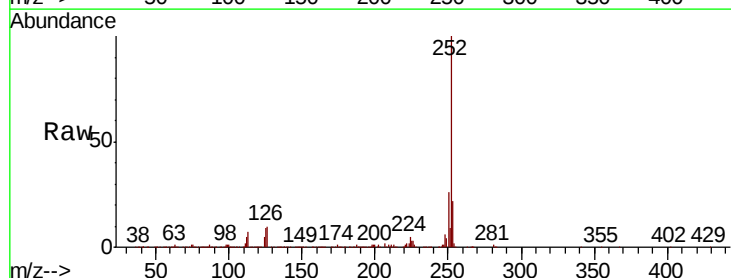
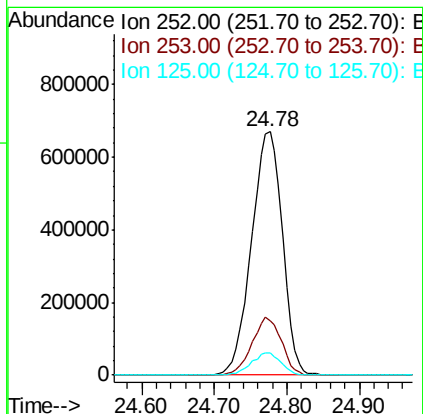
RT: 24.78 min Scan# 3691

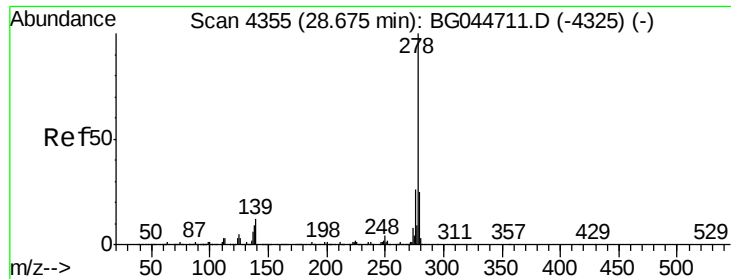
Delta R.T. -0.01 min

Lab File: BG044766.D

Acq: 13 Mar 2020 14:19

Tgt	Ion:252	Resp: 1988105	
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	8.9	7.0	10.6





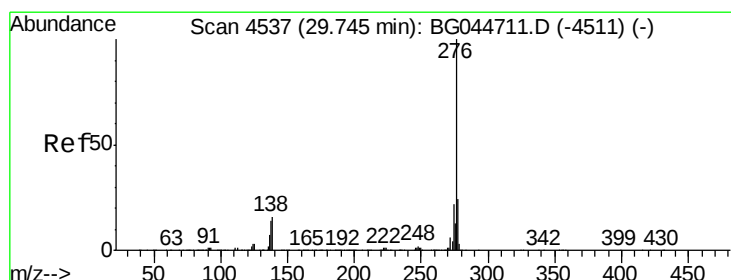
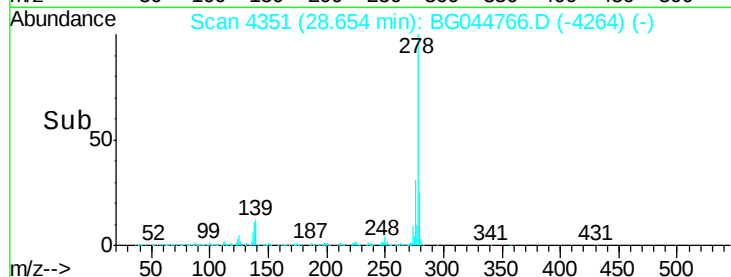
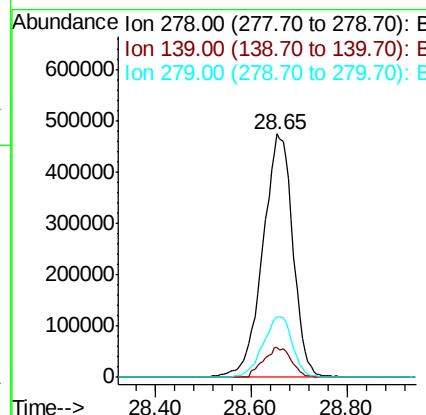
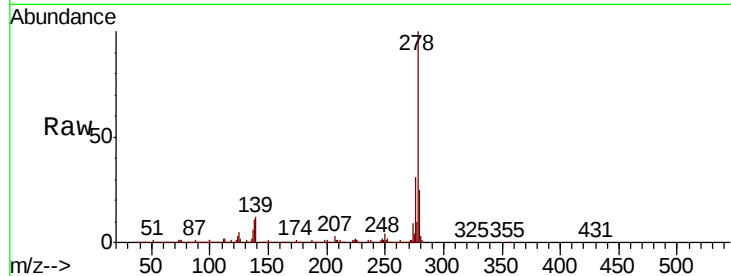
#91
Dibenzo(a,h)anthracene
Concen: 49.374 ng
RT: 28.65 min Scan# 4351
Delta R.T. -0.02 min
Lab File: BG044766.D
Acq: 13 Mar 2020 14:19

Instrument :
BNA_G
ClientSampleId :
PB127481BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.2	9.9	14.9
279	24.6	20.2	30.4

Manual Integrations
APPROVED

mohammad
3/16/2020 1:51:37 PM



#92
Benzo(g,h,i)perylene
Concen: 49.713 ng
RT: 29.74 min Scan# 4535
Delta R.T. -0.01 min
Lab File: BG044766.D
Acq: 13 Mar 2020 14:19

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.8	28.2
138	15.9	13.0	19.4

