

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090220\
 Data File : BG046508.D
 Acq On : 2 Sep 2020 18:11
 Operator : CG/JU
 Sample : L3837-02MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 789UMR-DSP01-01MS

Manual Integrations
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Quant Time: Sep 02 18:47:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 15:06:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	60214	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	268701	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	215632	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	548833	20.00	ng	0.00
76) Chrysene-d12	21.56	240	512583	20.00	ng	0.00
86) Perylene-d12	24.66	264	554800	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	402430	118.37	ng	0.00
7) Phenol-d6	7.10	99	506220	105.04	ng	0.00
23) Nitrobenzene-d5	9.08	82	403550	85.84	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	344672	117.97	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	1105926	78.29	ng	0.00
79) Terphenyl-d14	19.92	244	1873981	77.81	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.43	88	45901	32.453	ng	# 91
3) Pyridine	3.83	79	137671	33.268	ng	97
4) n-Nitrosodimethylamine	3.73	42	69549	45.568	ng	# 96
6) Aniline	7.26	93	136058	25.088	ng	98
8) 2-Chlorophenol	7.50	128	190647	53.059	ng	100
9) Benzaldehyde	7.07	77	122916	45.523	ng	94
10) Phenol	7.13	94	207032	46.641	ng	96
11) bis(2-Chloroethyl)ether	7.35	93	176346	49.424	ng	99
12) 1,3-Dichlorobenzene	7.82	146	177876	38.992	ng	99
13) 1,4-Dichlorobenzene	7.97	146	182165	39.887	ng	100
14) 1,2-Dichlorobenzene	8.28	146	178496	40.761	ng	98
15) Benzyl Alcohol	8.17	79	178661	57.742	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.46	45	267008	48.245	ng	99
17) 2-Methylphenol	8.38	107	171881	54.600	ng	98
18) Hexachloroethane	9.01	117	58687	37.899	ng	97
19) n-Nitroso-di-n-propylamine	8.74	70	156567	54.312	ng	97
20) 3+4-Methylphenols	8.71	107	236035	54.322	ng	99
22) Acetophenone	8.75	105	292782	44.763	ng	# 99
24) Nitrobenzene	9.13	77	217137	46.751	ng	98
25) Isophorone	9.65	82	450983	52.323	ng	99
26) 2-Nitrophenol	9.84	139	117505	47.951	ng	97
27) 2,4-Dimethylphenol	9.91	122	200057	59.357	ng	98
28) bis(2-Chloroethoxy)methane	10.14	93	265426	47.844	ng	99
29) 2,4-Dichlorophenol	10.38	162	230602	51.324	ng	98
30) 1,2,4-Trichlorobenzene	10.59	180	214124	40.166	ng	98
31) Naphthalene	10.78	128	580711	44.263	ng	100
32) Benzoic acid	10.05	122	84889	37.129	ng	98
33) 4-Chloroaniline	10.89	127	32873	5.682	ng	96
34) Hexachlorobutadiene	11.08	225	128677	37.183	ng	98
35) Caprolactam	11.66	113	70710m	42.102	ng	
36) 4-Chloro-3-methylphenol	12.02	107	252721	57.509	ng	97
37) 2-Methylnaphthalene	12.39	142	491972	47.547	ng	98
38) 1-Methylnaphthalene	12.61	142	469039	47.855	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	298287	41.949	ng	99

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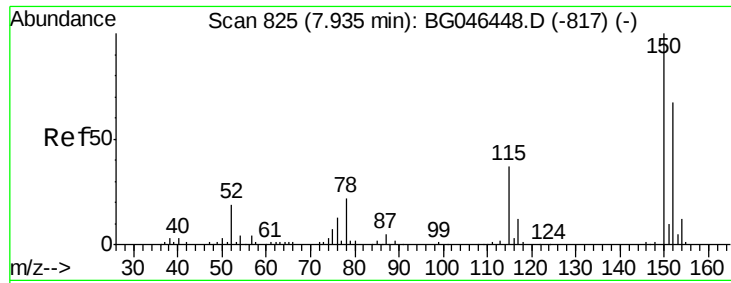
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 15:06:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	261975	84.729	nq	99
43) 2,4,6-Trichlorophenol	13.00	196	228804	47.682	nq	99
44) 2,4,5-Trichlorophenol	13.07	196	251257	49.836	nq	97
46) 1,1'-Biphenyl	13.40	154	690468	46.024	nq	98
47) 2-Chloronaphthalene	13.44	162	540037	42.456	nq	100
48) 2-Nitroaniline	13.64	65	172068	48.716	nq	98
49) Acenaphthylene	14.28	152	888654	46.056	nq	100
50) Dimethylphthalate	14.02	163	875809	52.499	nq	99
51) 2,6-Dinitrotoluene	14.14	165	183880	50.003	nq	98
52) Acenaphthene	14.63	154	546990	45.747	nq	99
53) 3-Nitroaniline	14.47	138	63114	15.844	nq	99
54) 2,4-Dinitrophenol	14.68	184	180779	84.220	nq	98
55) Dibenzofuran	14.97	168	894907	46.637	nq	99
56) 4-Nitrophenol	14.79	139	263246	89.797	nq	96
57) 2,4-Dinitrotoluene	14.93	165	266777	50.878	nq	98
58) Fluorene	15.61	166	784358	48.702	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.19	232	245793	50.204	nq	99
60) Diethylphthalate	15.39	149	799083	49.129	nq	99
61) 4-Chlorophenyl-phenylether	15.61	204	420984	47.463	nq	98
62) 4-Nitroaniline	15.63	138	184867	43.984	nq	96
63) Azobenzene	15.89	77	671596	50.760	nq	98
65) 4,6-Dinitro-2-methylphenol	15.69	198	163063	52.492	nq	99
66) n-Nitrosodiphenylamine	15.82	169	722906	48.824	nq	100
67) 4-Bromophenyl-phenylether	16.50	248	301420	47.074	nq	98
68) Hexachlorobenzene	16.62	284	318386	44.898	nq	98
69) Atrazine	16.77	200	232776	38.537	nq	98
70) Pentachlorophenol	16.96	266	361406	97.544	nq	100
71) Phenanthrene	17.35	178	1272530	45.744	nq	98
72) Anthracene	17.44	178	1311587	47.787	nq	98
73) Carbazole	17.71	167	1191644	45.984	nq	99
74) Di-n-butylphthalate	18.27	149	1355790	45.498	nq	99
75) Fluoranthene	19.36	202	1559024	43.548	nq	99
77) Benzidine	19.54	184	313322	26.306	nq	99
78) Pyrene	19.72	202	1553427	47.592	nq	98
80) Butylbenzylphthalate	20.61	149	612319	48.094	nq	96
81) Benzo(a)anthracene	21.54	228	1491382	46.680	nq	99
82) 3,3'-Dichlorobenzidine	21.45	252	288533	24.335	nq	99
83) Chrysene	21.60	228	1453241	47.287	nq	98
84) Bis(2-ethylhexyl)phthalate	21.46	149	860716	49.538	nq	100
85) Di-n-octyl phthalate	22.63	149	1491986	50.150	nq	99
87) Indeno(1,2,3-cd)pyrene	28.18	276	1868367	46.889	nq	100
88) Benzo(b)fluoranthene	23.68	252	1603861	46.298	nq	98
89) Benzo(k)fluoranthene	23.75	252	1503340	44.902	nq	98
90) Benzo(a)pyrene	24.52	252	1450027	44.852	nq	100
91) Dibenzo(a,h)anthracene	28.24	278	1525263	47.434	nq	99
92) Benzo(g,h,i)perylene	29.28	276	1555785	48.452	nq	98

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



#1

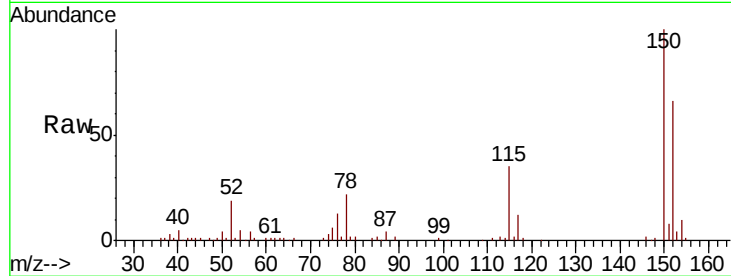
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BG046508.D
Acq: 2 Sep 2020 18:11

Instrument :
BNA_G
ClientSampleId :
789UMR-DSP01-01MS

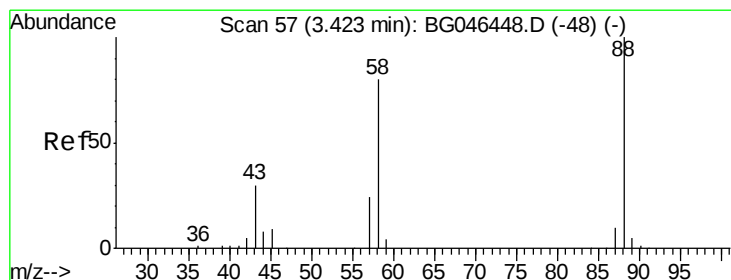
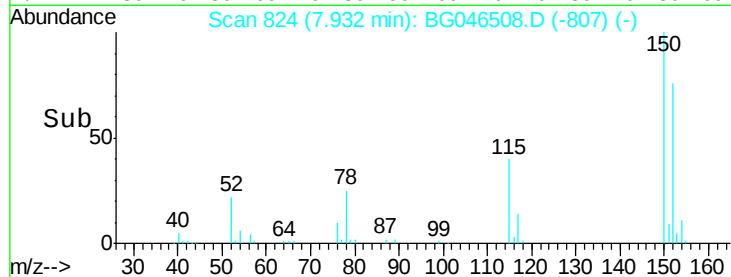
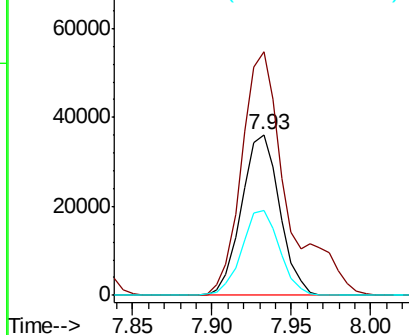
Tot Ion	Ratio	Lower	Upper
152	100		
150	151.8	119.5	179.3
115	53.1	44.3	66.5

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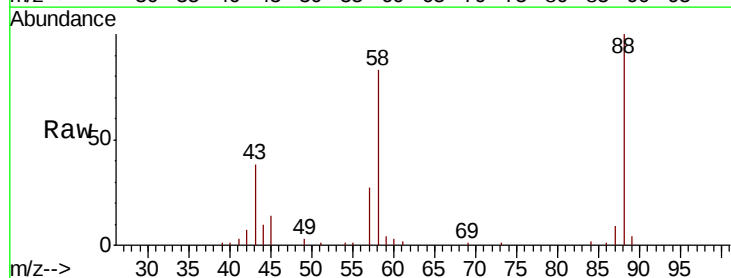
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



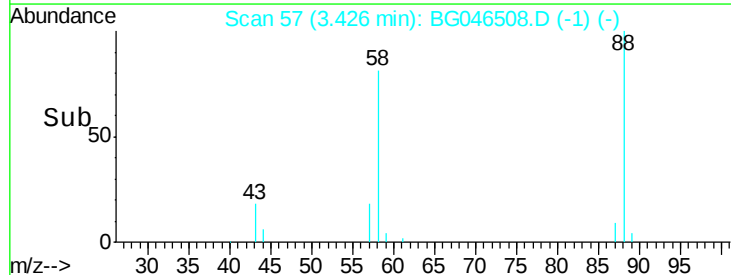
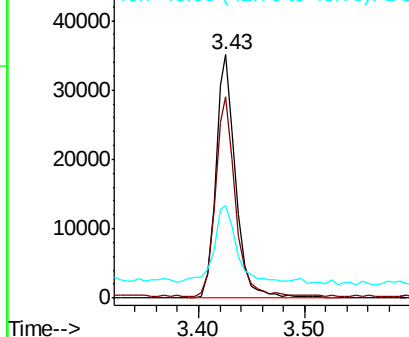
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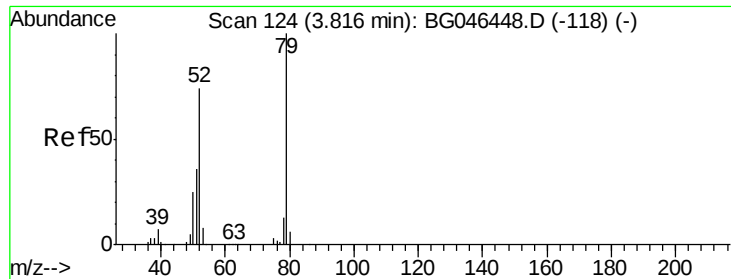
1,4-Dioxane
Concen: 32.453 ng
RT: 3.43 min Scan# 57
Delta R.T. 0.00 min
Lab File: BG046508.D
Acq: 2 Sep 2020 18:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.5	61.4	92.2
43	35.4	21.6	32.4



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





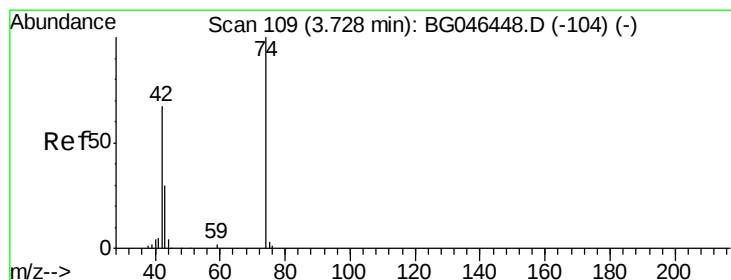
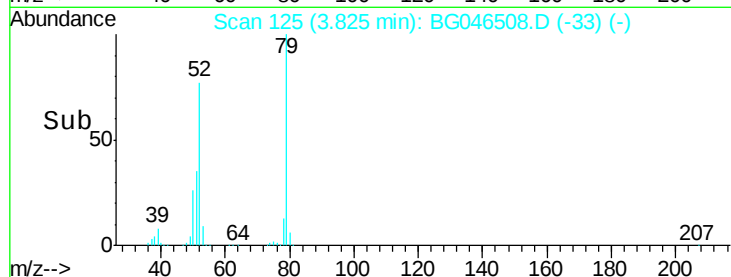
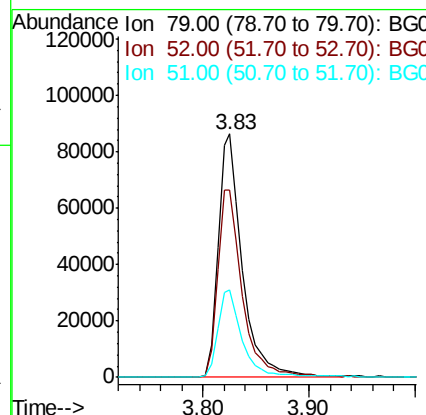
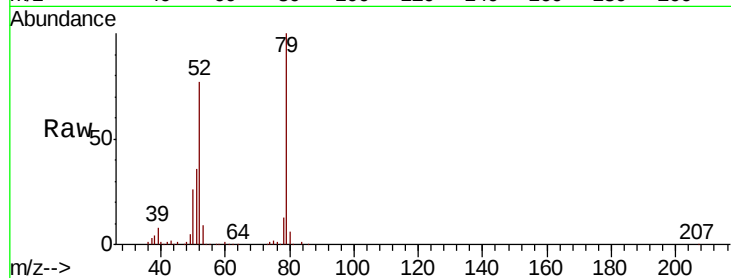
#3
 Pvridine
 Concen: 33.268 ng
 RT: 3.83 min Scan# 125
 Delta R.T. 0.01 min
 Lab File: BG046508.D
 Acq: 2 Sep 2020 18:11

Instrument :
 BNA_G
 ClientSampleId :
 789UMR-DSP01-01MS

Tot Ion	Ratio	Lower	Upper
79	100		
52	76.8	59.1	88.7
51	35.7	29.0	43.6

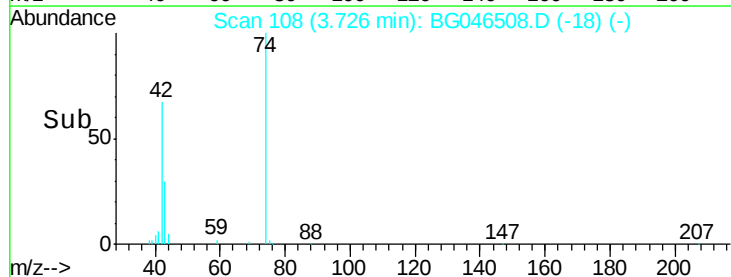
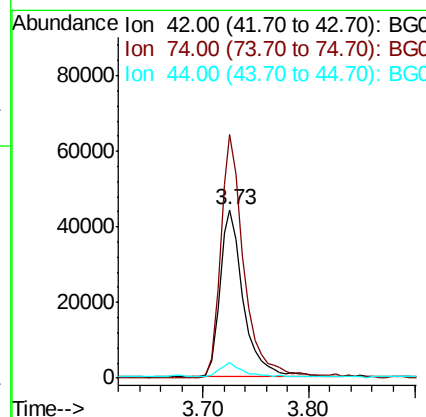
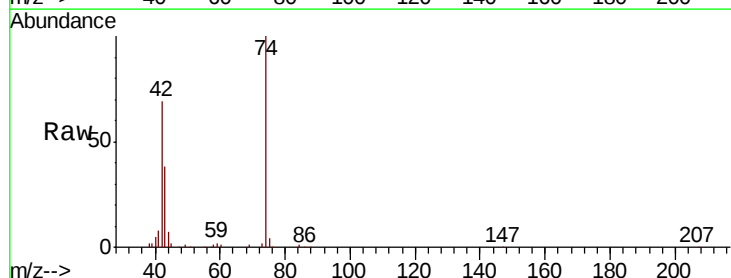
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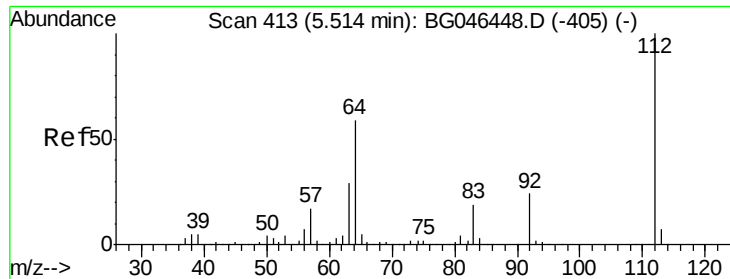
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#4
 n-Nitrosodimethylamine
 Concen: 45.568 ng
 RT: 3.73 min Scan# 108
 Delta R.T. -0.00 min
 Lab File: BG046508.D
 Acq: 2 Sep 2020 18:11

Tgt Ion	Ratio	Lower	Upper
42	100		
74	144.4	119.5	179.3
44	9.6	5.7	8.5





#5

2-Fluorophenol

Concen: 118.374 ng

RT: 5.52 min Scan# 413

Delta R.T. 0.00 min

Lab File: BG046508.D

Acq: 2 Sep 2020 18:11

Instrument :

BNA_G

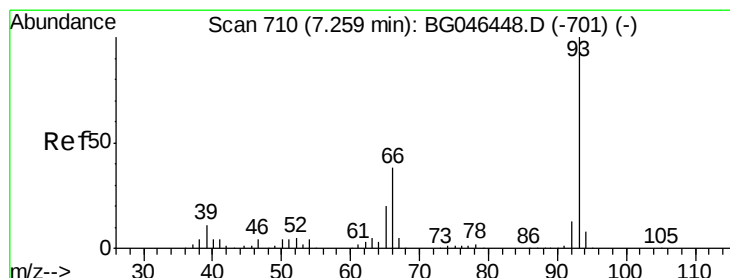
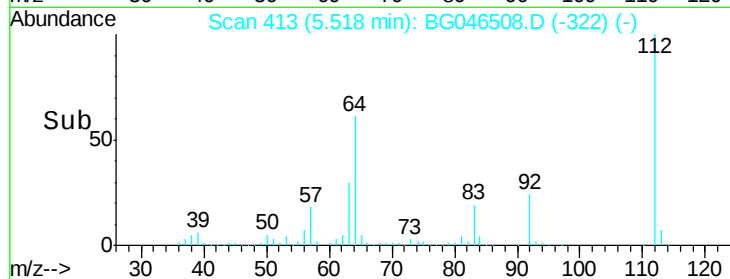
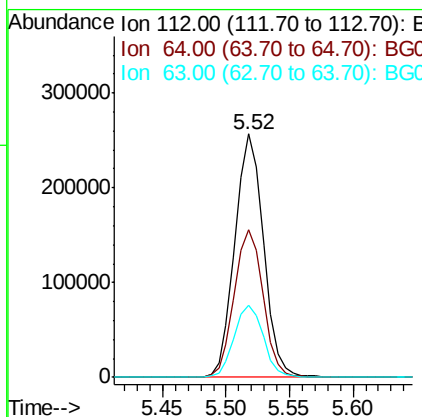
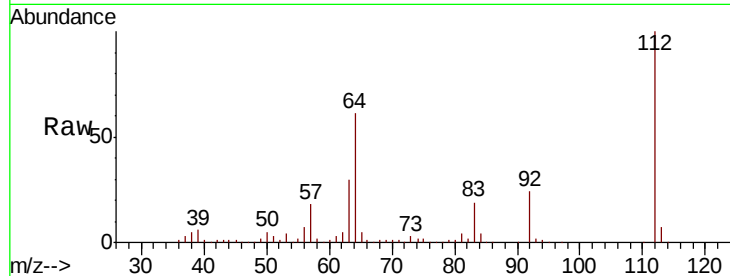
ClientSampleId :

789UMR-DSP01-01MS

Tot Ion:	112	Resp:	402430
Ion Ratio	Lower	Upper	
112	100		
64	60.6	47.0	70.6
63	29.7	23.5	35.3

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#6

Aniline

Concen: 25.088 ng

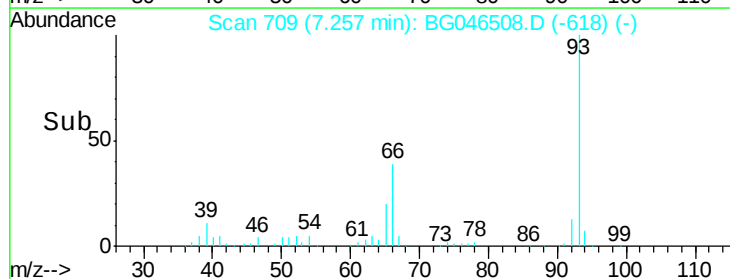
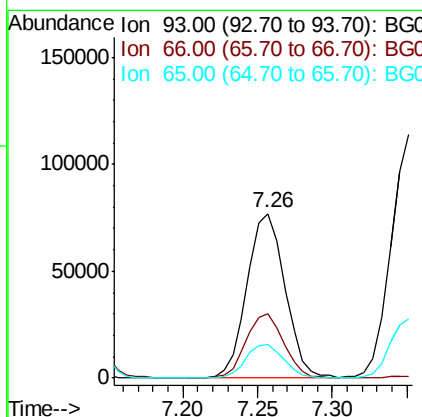
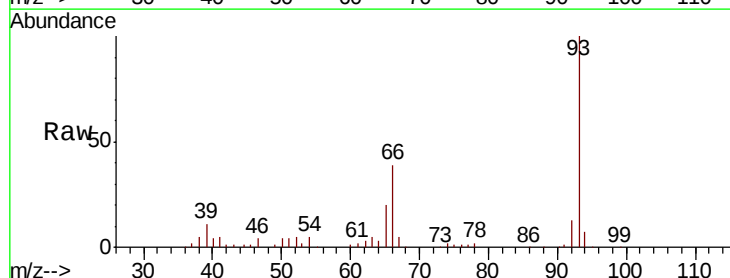
RT: 7.26 min Scan# 709

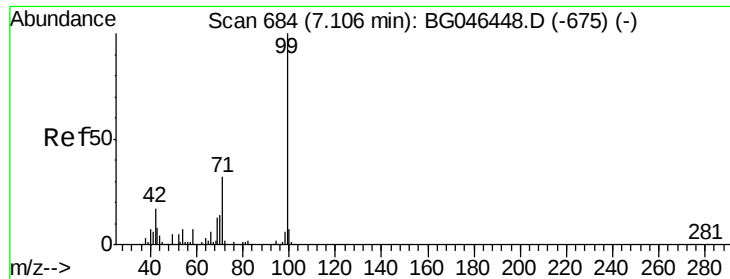
Delta R.T. 0.00 min

Lab File: BG046508.D

Acq: 2 Sep 2020 18:11

Tgt Ion:	93	Resp:	136058
Ion Ratio	Lower	Upper	
93	100		
66	39.2	30.4	45.6
65	20.4	15.8	23.6





#7

Phenol-d6

Concen: 105.039 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG046508.D

Acq: 2 Sep 2020 18:11

Instrument :

BNA_G

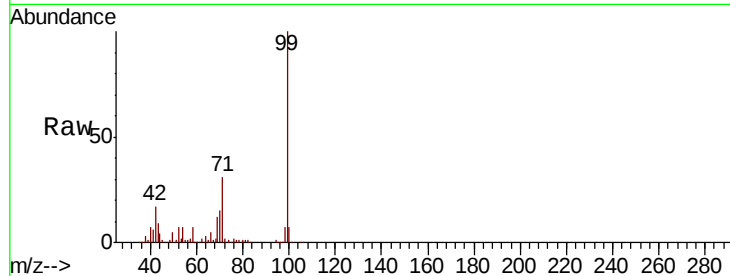
ClientSampleId :

789UMR-DSP01-01MS

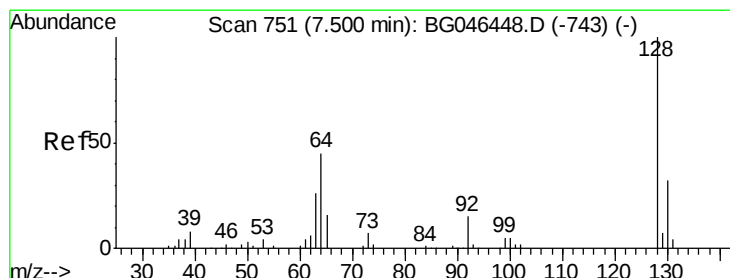
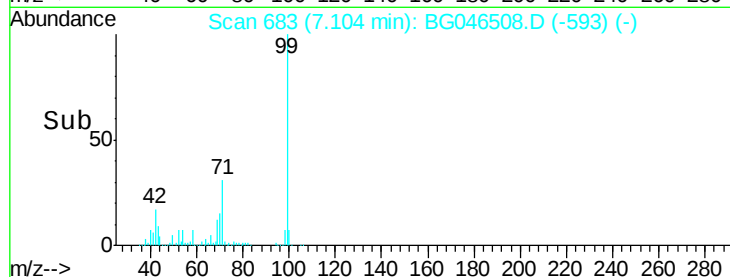
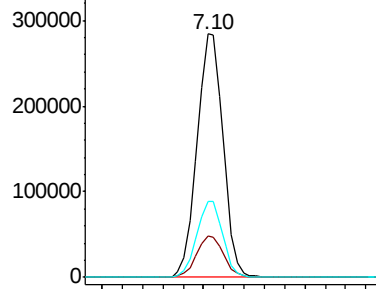
Tot Ion:	99	Resp:	506220
Ion Ratio	Lower	Upper	
99	100		
42	17.0	13.3	19.9
71	31.1	25.3	37.9

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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 53.059 ng

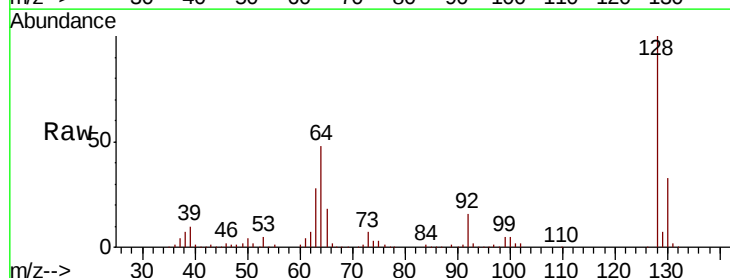
RT: 7.50 min Scan# 750

Delta R.T. -0.00 min

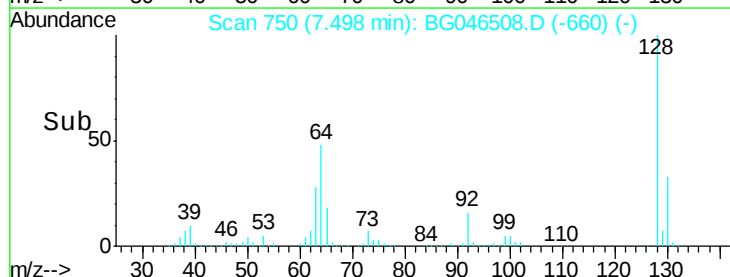
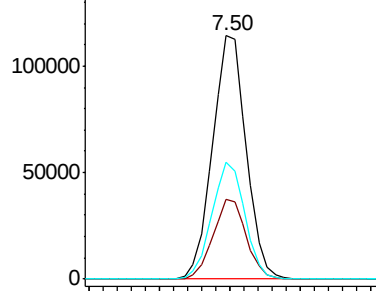
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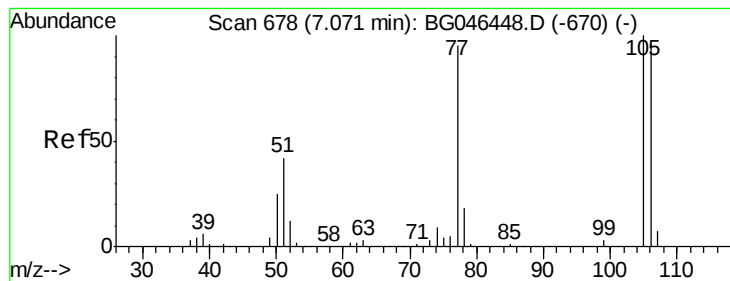
Acq: 2 Sep 2020 18:11

Tgt Ion:	128	Resp:	190647
Ion Ratio	Lower	Upper	
128	100		
130	32.7	12.4	52.4
64	48.2	28.1	68.1



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 45.523 ng

RT: 7.07 min Scan# 677

Delta R.T. 0.00 min

Lab File: BG046508.D

Acq: 2 Sep 2020 18:11

Instrument :

BNA_G

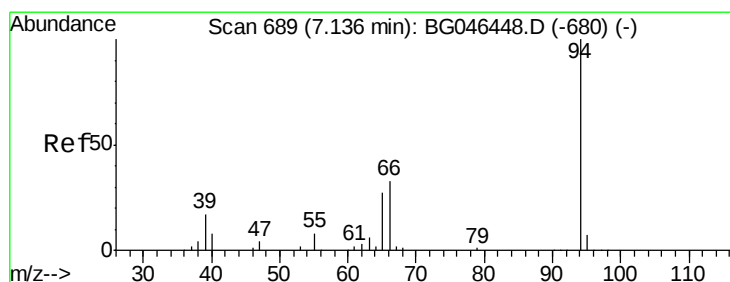
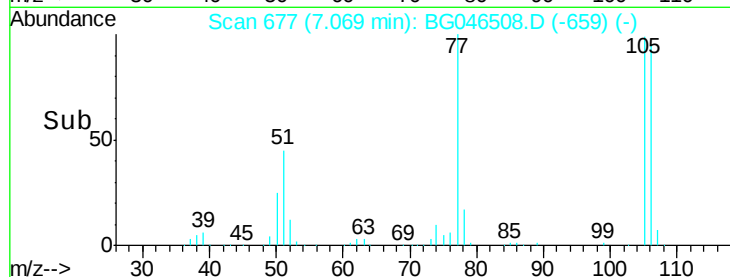
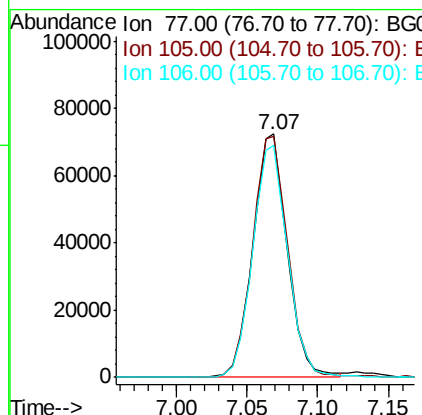
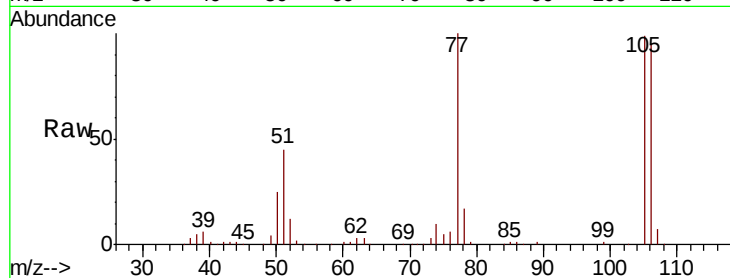
ClientSampleId :

789UMR-DSP01-01MS

Tot Ion:	77	Resp:	122916
Ion	Ratio	Lower	Upper
77	100		
105	98.8	85.6	125.6
106	95.4	80.8	120.8

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#10

Phenol

Concen: 46.641 ng

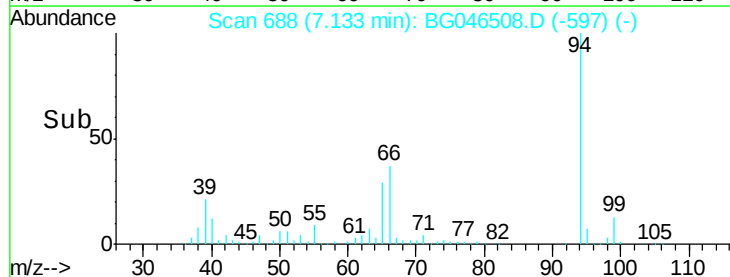
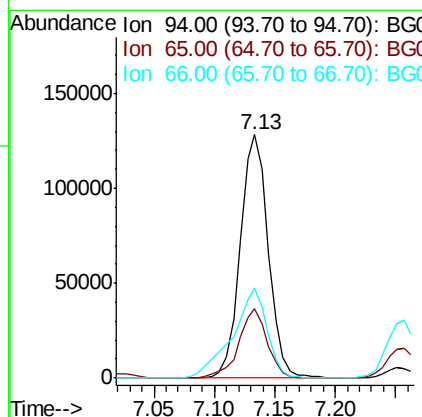
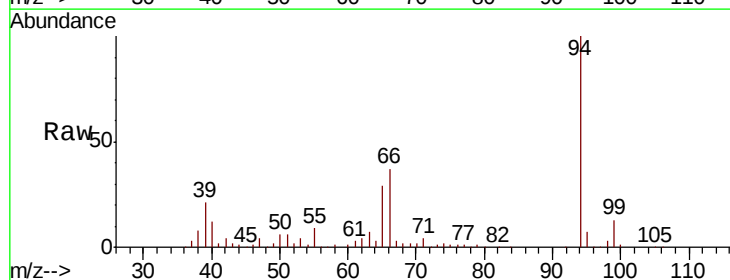
RT: 7.13 min Scan# 688

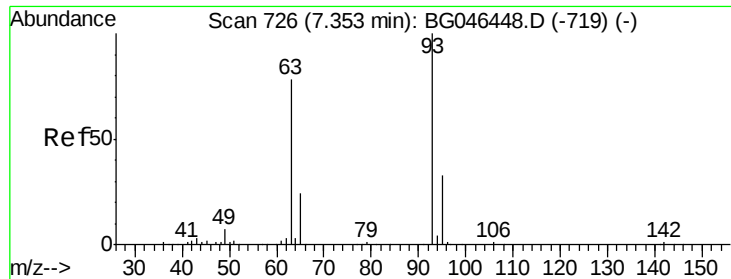
Delta R.T. 0.00 min

Lab File: BG046508.D

Acq: 2 Sep 2020 18:11

Tgt Ion:	94	Resp:	207032
Ion	Ratio	Lower	Upper
94	100		
65	28.7	7.5	47.5
66	36.8	14.1	54.1





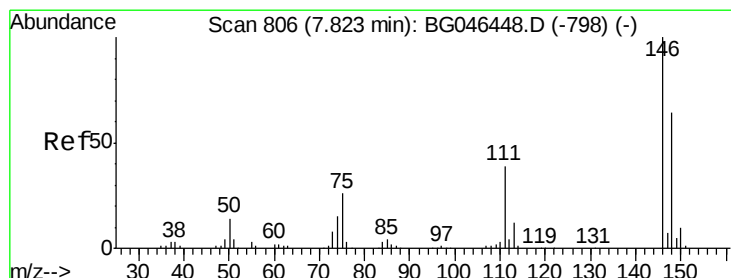
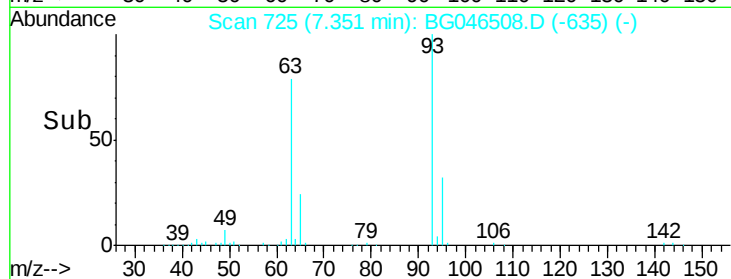
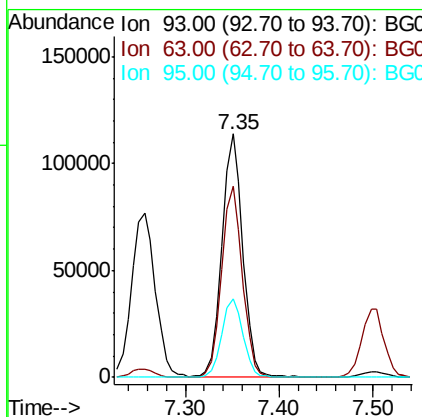
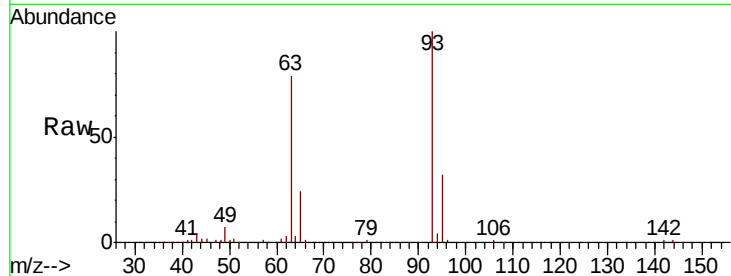
#11
bis(2-Chloroethyl)ether
Concen: 49.424 ng
RT: 7.35 min Scan# 725
Delta R.T. -0.00 min
Lab File: BG046508.D
Acq: 2 Sep 2020 18:11

Instrument :
BNA_G
ClientSampleId :
789UMR-DSP01-01MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	78.7	57.7	97.7
95	32.1	12.3	52.3

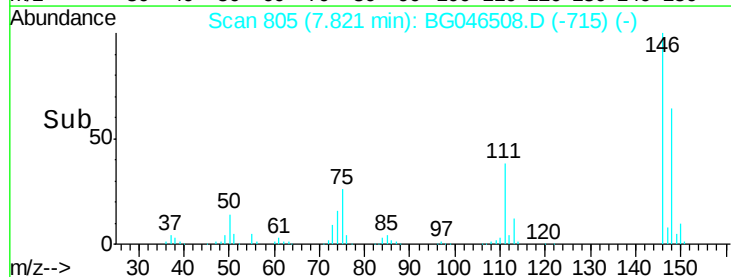
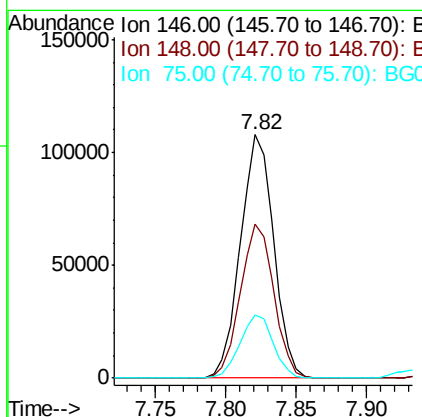
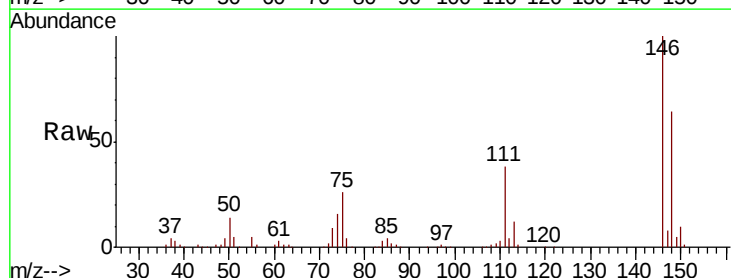
Manual Integrations
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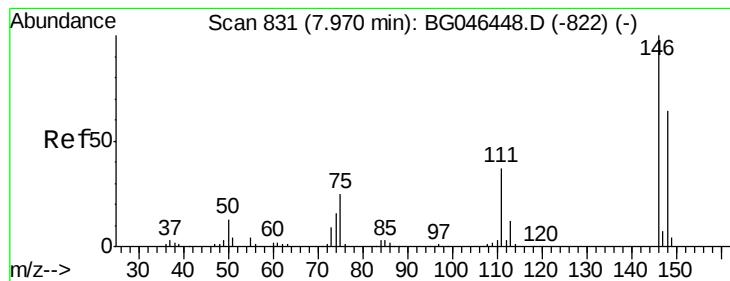
mohammad
9/3/2020 1:47:44 PM



#12
1,3-Dichlorobenzene
Concen: 38.992 ng
RT: 7.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BG046508.D
Acq: 2 Sep 2020 18:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.4	77.0
75	25.8	20.7	31.1





#13

1,4-Dichlorobenzene

Concen: 39.887 ng

RT: 7.97 min Scan# 830

Delta R.T. -0.00 min

Lab File: BG046508.D

Acq: 2 Sep 2020 18:11

Instrument :

BNA_G

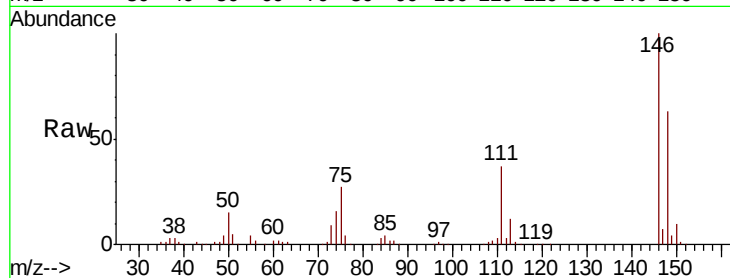
ClientSampleId :

789UMR-DSP01-01MS

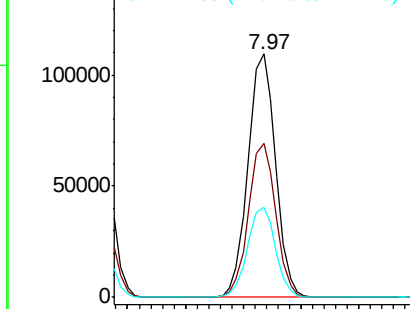
Tot Ion:	146	Resp:	182165
Ion Ratio	Lower	Upper	
146	100		
148	63.4	50.9	76.3
111	36.8	29.8	44.6

Manual Integrations
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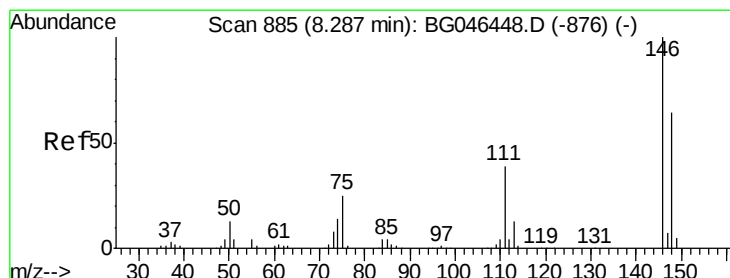
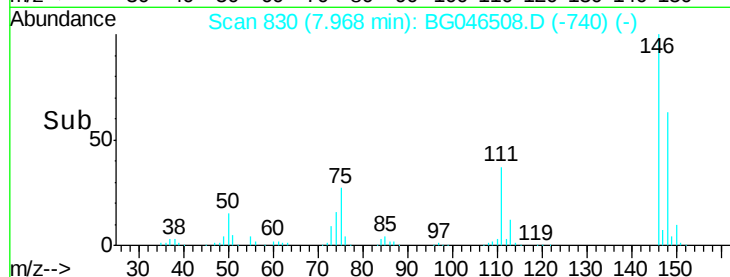
mohammad
9/3/2020 1:47:44 PM



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



Time-->



#14

1,2-Dichlorobenzene

Concen: 40.761 ng

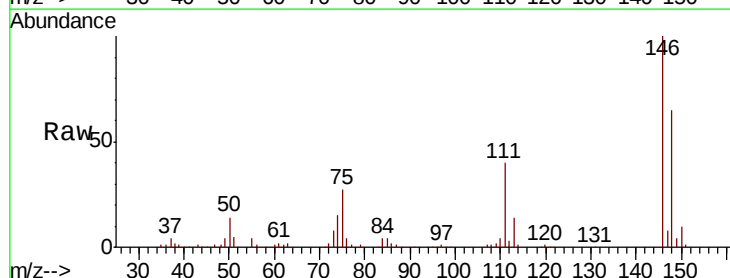
RT: 8.28 min Scan# 884

Delta R.T. -0.00 min

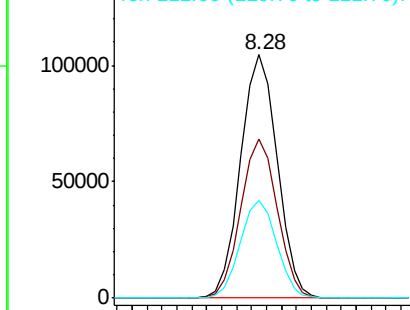
Lab File: BG046508.D

Acq: 2 Sep 2020 18:11

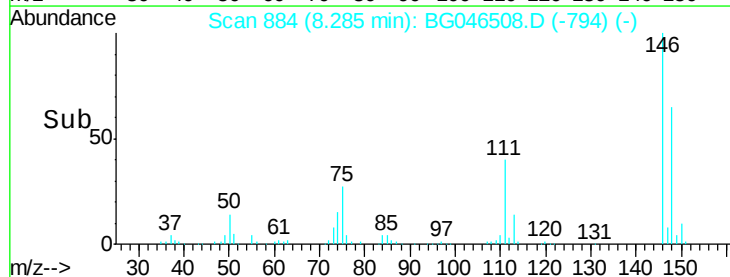
Tgt Ion:	146	Resp:	178496
Ion Ratio	Lower	Upper	
146	100		
148	65.5	51.4	77.0
111	40.3	31.4	47.2

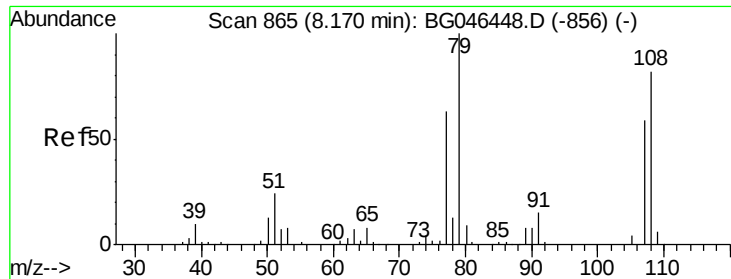


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



Time-->





#15

Benzyl Alcohol

Concen: 57.742 ng

RT: 8.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: BG046508.D

Acq: 2 Sep 2020 18:11

Instrument :

BNA_G

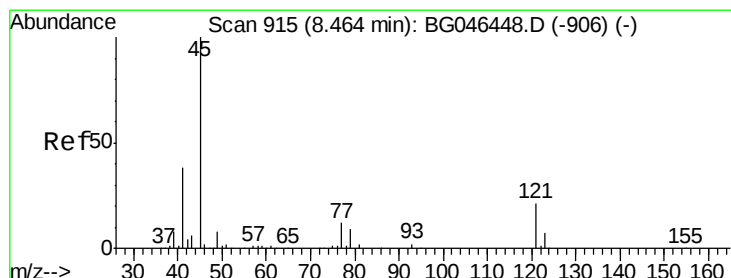
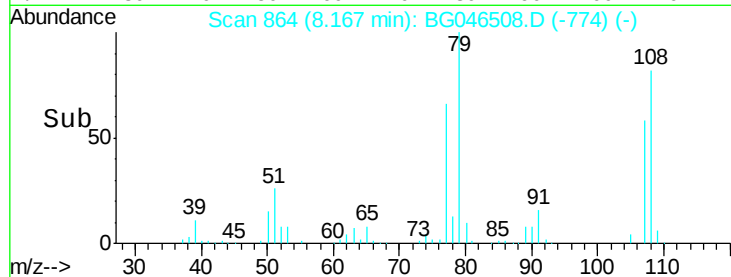
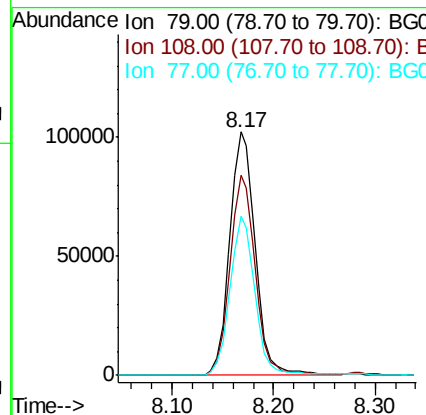
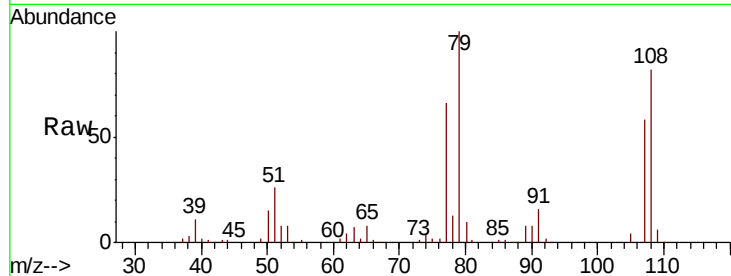
ClientSampleId :

789UMR-DSP01-01MS

Tot Ion:	79	Resp:	178661
Ion	Ratio	Lower	Upper
79	100		
108	82.2	65.7	98.5
77	65.6	50.3	75.5

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 48.245 ng

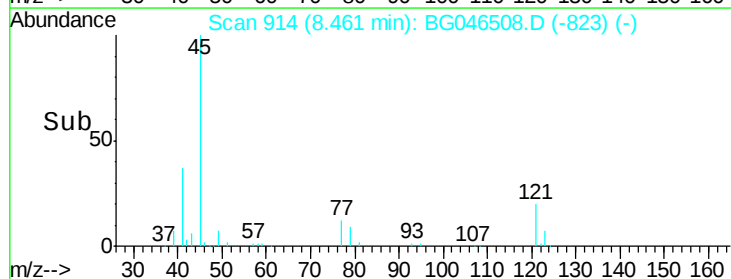
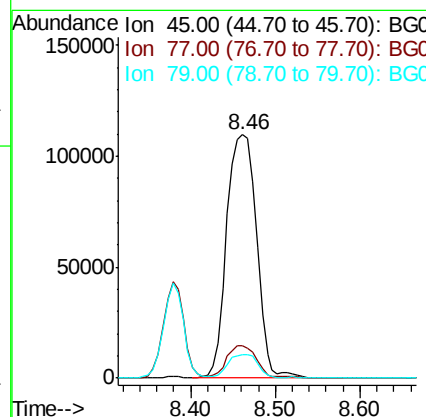
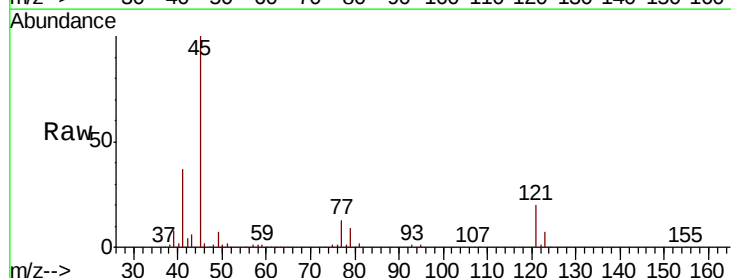
RT: 8.46 min Scan# 914

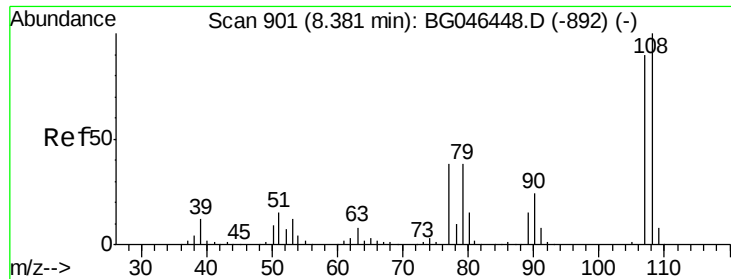
Delta R.T. 0.00 min

Lab File: BG046508.D

Acq: 2 Sep 2020 18:11

Tgt Ion:	45	Resp:	267008
Ion	Ratio	Lower	Upper
45	100		
77	13.1	0.0	33.2
79	9.4	0.0	30.3





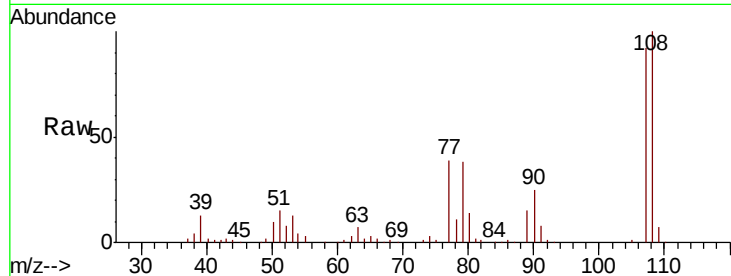
#17
2-Methylphenol
Concen: 54.600 ng
RT: 8.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BG046508.D
Acq: 2 Sep 2020 18:11

Instrument :
BNA_G
ClientSampleId :
789UMR-DSP01-01MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	171881		
108	109.1	89.4	134.0	
77	42.3	34.5	51.7	
79	41.7	33.8	50.6	

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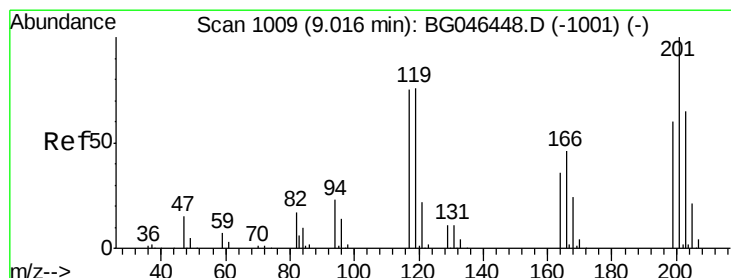
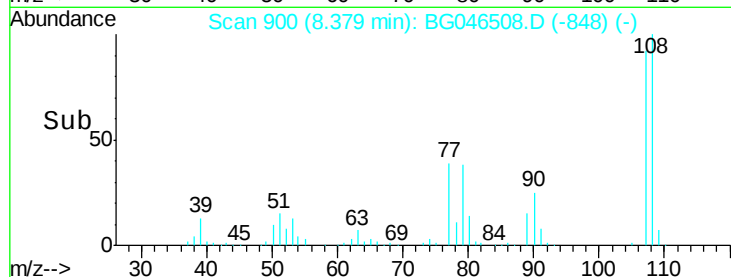
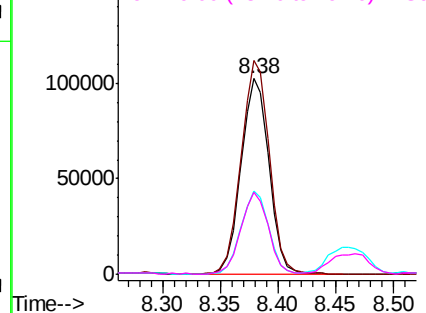
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

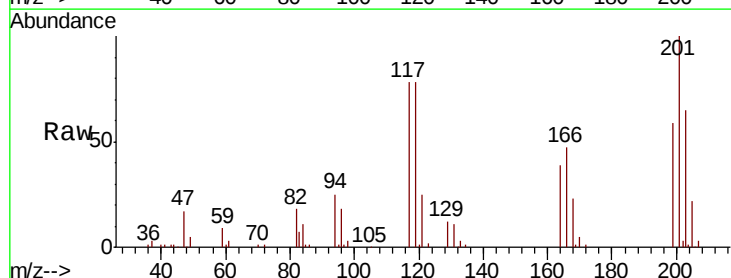
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 37.899 ng
RT: 9.01 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BG046508.D
Acq: 2 Sep 2020 18:11

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	58687		
119	100.2	80.8	121.2	
201	127.7	106.7	160.1	

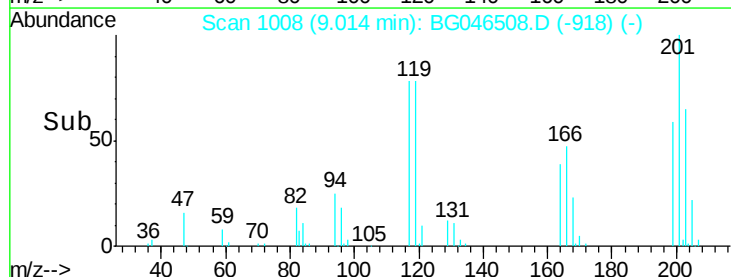
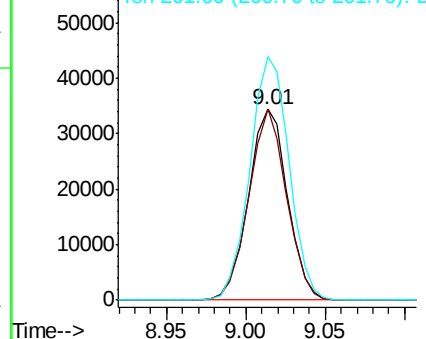


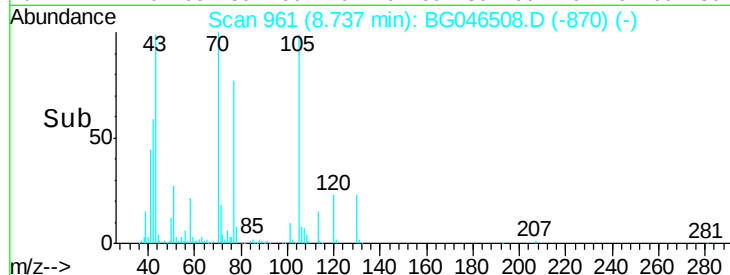
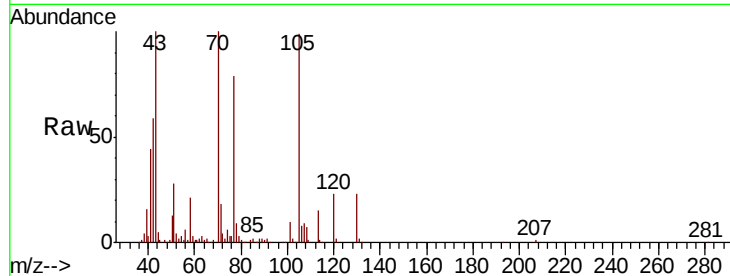
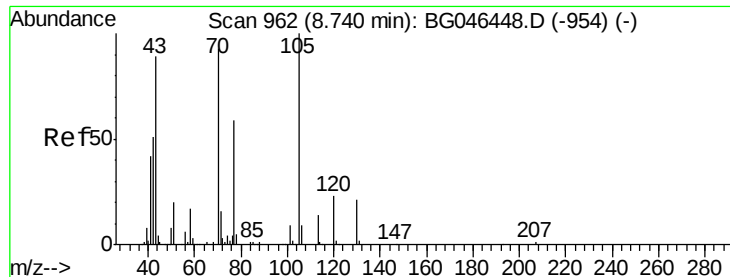
Abundance

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





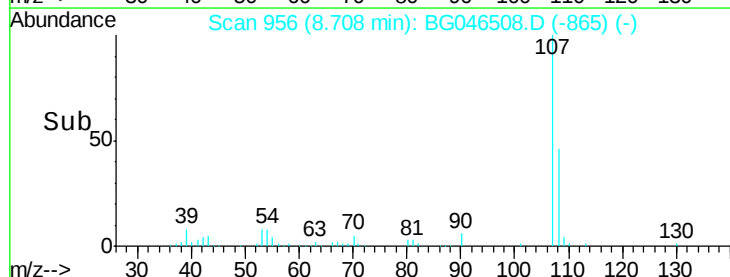
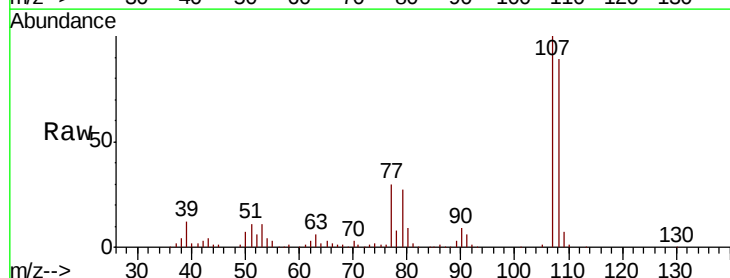
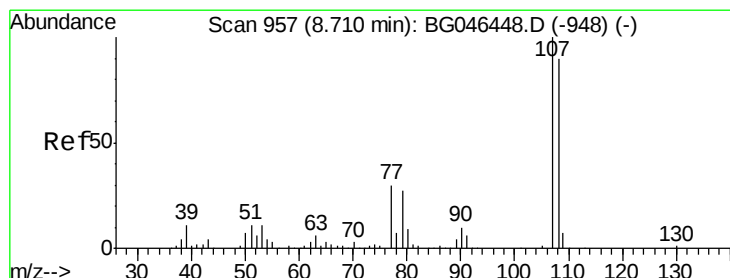
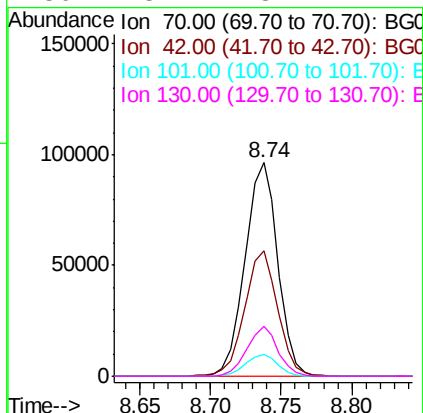
#19
n-Nitroso-di-n-propylamine
Concen: 54.312 ng
RT: 8.74 min Scan# 961
Delta R.T. 0.00 min
Lab File: BG046508.D
Acq: 2 Sep 2020 18:11

Instrument :
BNA_G
ClientSampleId :
789UMR-DSP01-01MS

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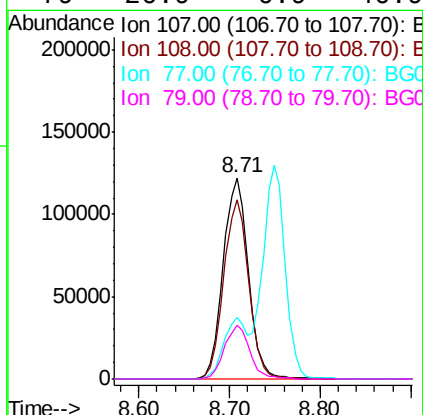
mohammad
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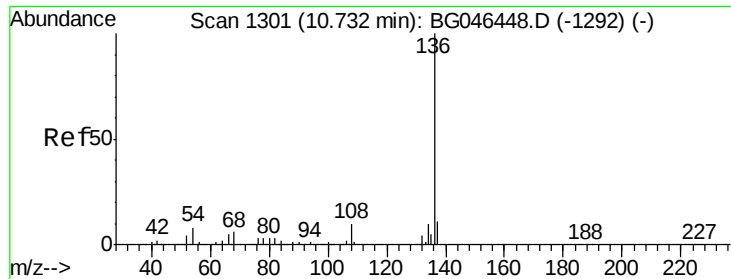
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	58.8	44.2	66.2	
101	10.3	7.8	11.8	
130	23.2	18.2	27.4	



#20
3+4-Methylphenols
Concen: 54.322 ng
RT: 8.71 min Scan# 956
Delta R.T. 0.00 min
Lab File: BG046508.D
Acq: 2 Sep 2020 18:11

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.0	69.7	109.7	
77	30.5	9.7	49.7	
79	26.9	6.9	46.9	





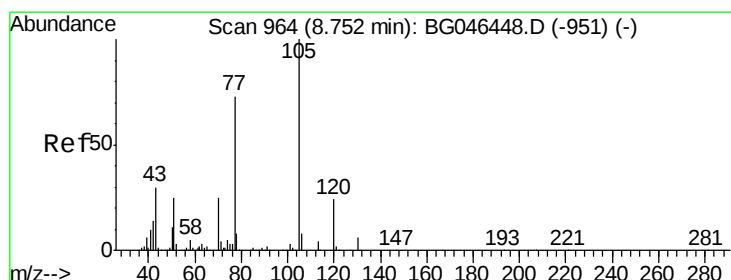
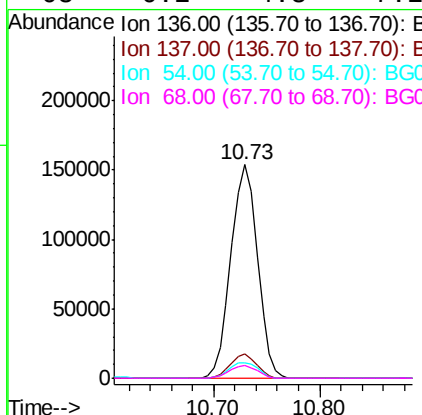
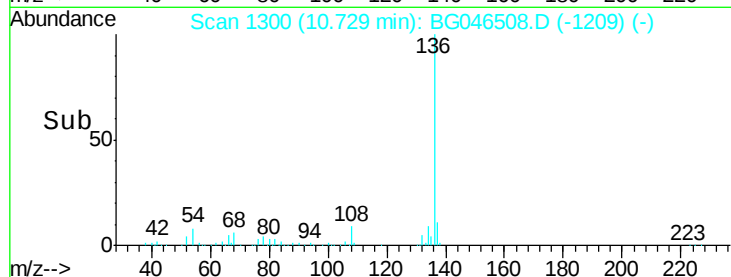
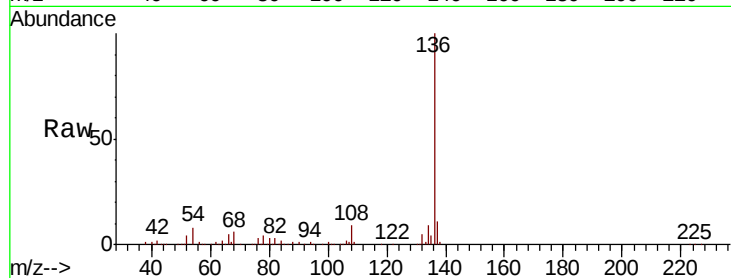
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BG046508.D
Acq: 2 Sep 2020 18:11

Instrument :
BNA_G
ClientSampleId :
789UMR-DSP01-01MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	268701		
137	11.4		8.8	13.2
54	7.5		6.1	9.1
68	6.2		4.8	7.2

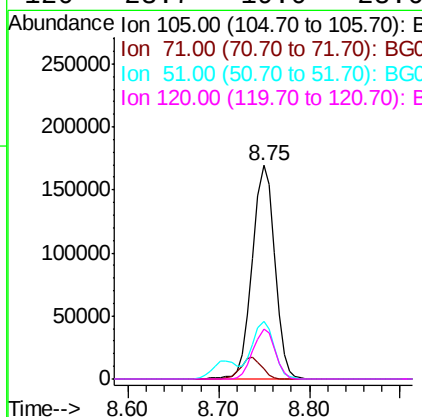
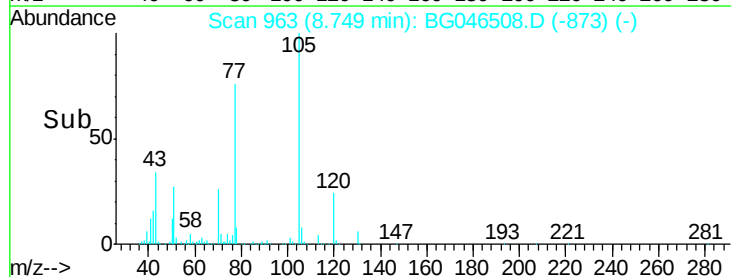
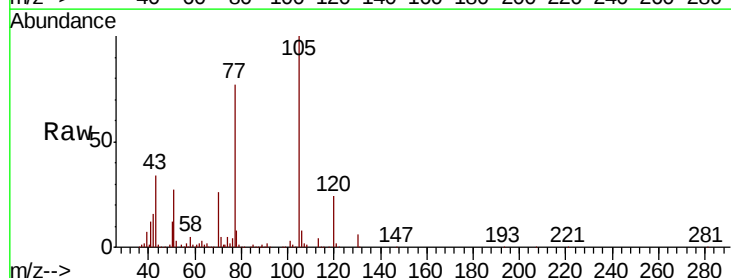
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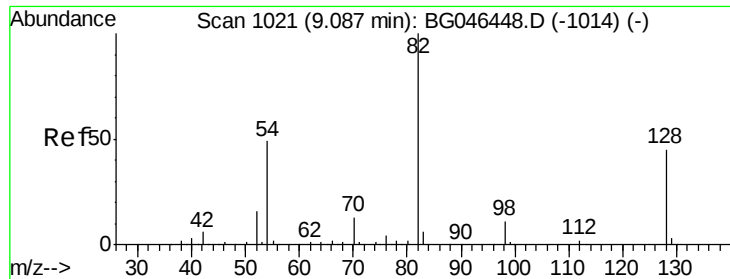
mohammad
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#22
Acetophenone
Concen: 44.763 ng
RT: 8.75 min Scan# 963
Delta R.T. -0.00 min
Lab File: BG046508.D
Acq: 2 Sep 2020 18:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	292782		
71	4.9		3.3	4.9#
51	27.0		20.6	31.0
120	23.7		19.0	28.6





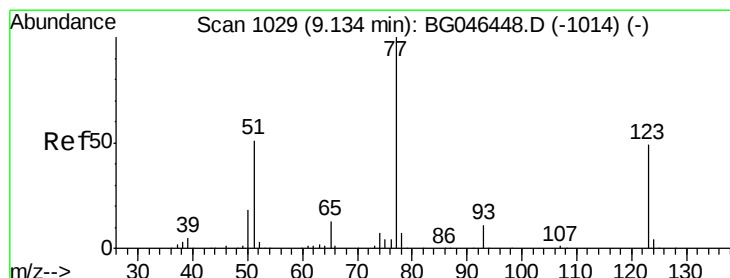
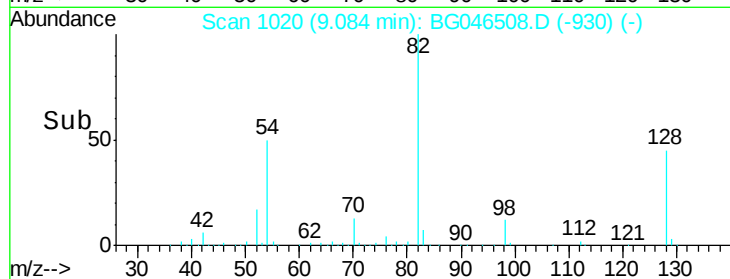
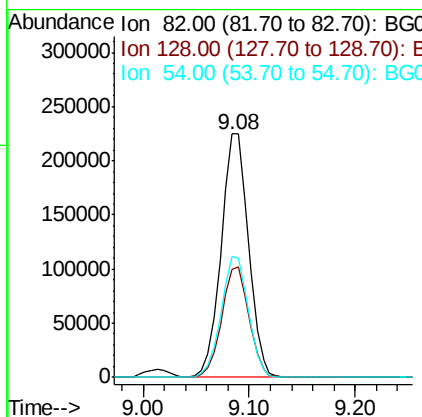
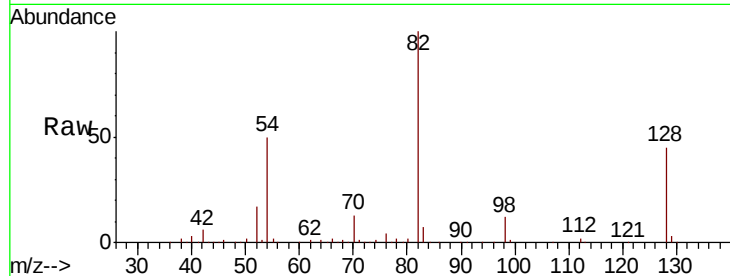
#23
 Nitrobenzene-d5
 Concen: 85.839 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG046508.D
 Acq: 2 Sep 2020 18:11

Instrument :
 BNA_G
 ClientSampleId :
 789UMR-DSP01-01MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.6	35.7	53.5	
54	49.5	39.4	59.0	

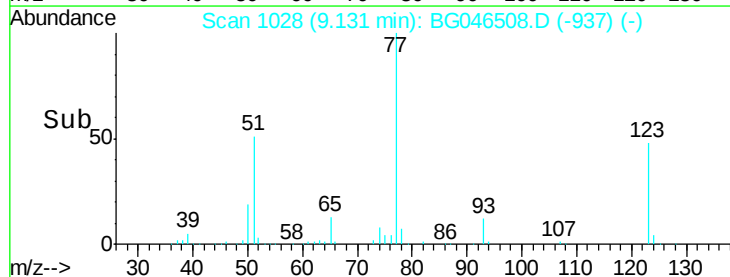
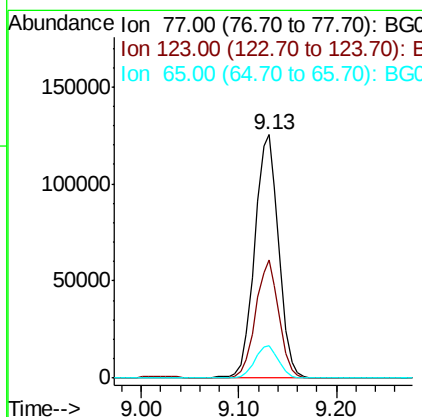
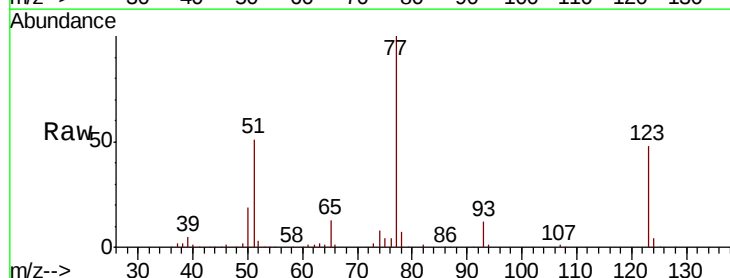
Manual Integrations
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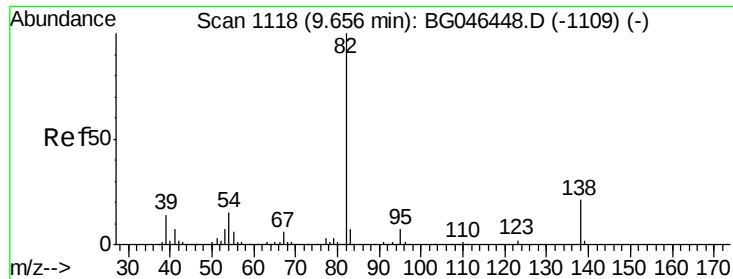
mohammad
 9/3/2020 1:47:44 PM



#24
 Nitrobenzene
 Concen: 46.751 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. 0.00 min
 Lab File: BG046508.D
 Acq: 2 Sep 2020 18:11

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	48.3	39.6	59.4	
65	13.4	10.1	15.1	





#25

Isophorone

Concen: 52.323 ng

RT: 9.65 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BG046508.D

Acq: 2 Sep 2020 18:11

Instrument :

BNA_G

ClientSampleId :

789UMR-DSP01-01MS

Tot Ion: 82 Resp: 450983

Ion Ratio Lower Upper

82 100

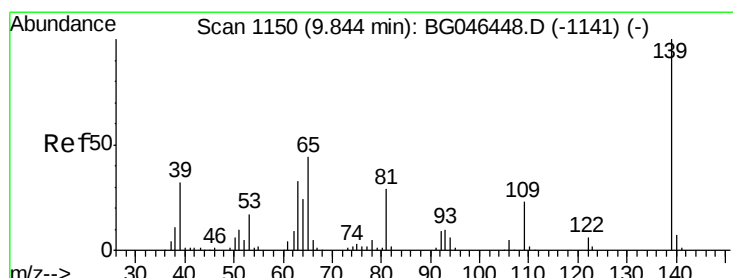
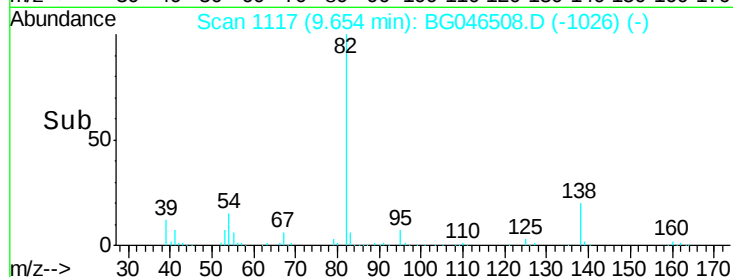
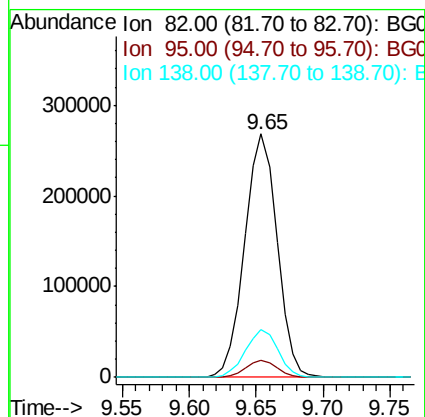
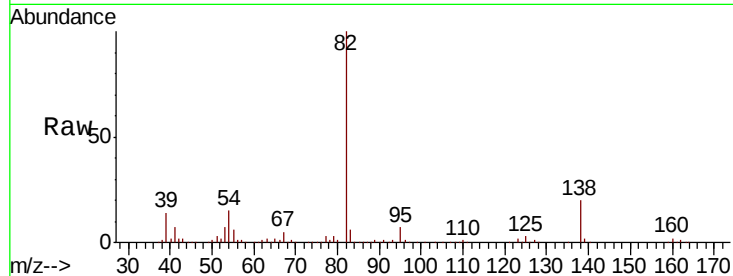
95 7.1 5.8 8.6

138 19.7 16.4 24.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 47.951 ng

RT: 9.84 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BG046508.D

Acq: 2 Sep 2020 18:11

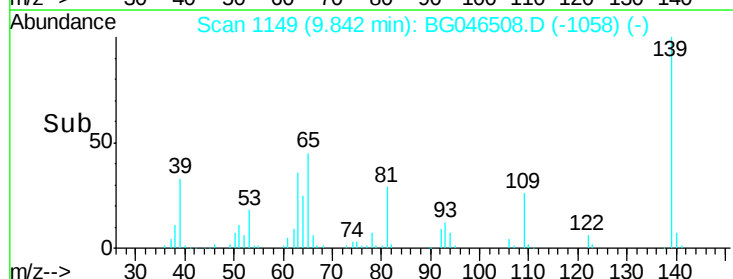
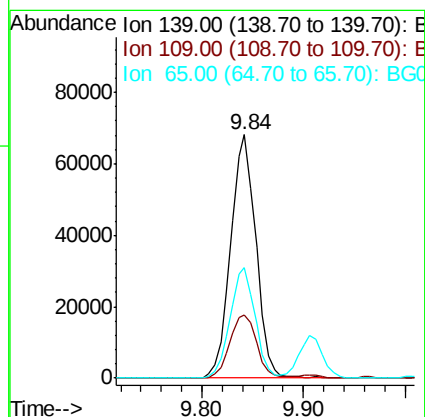
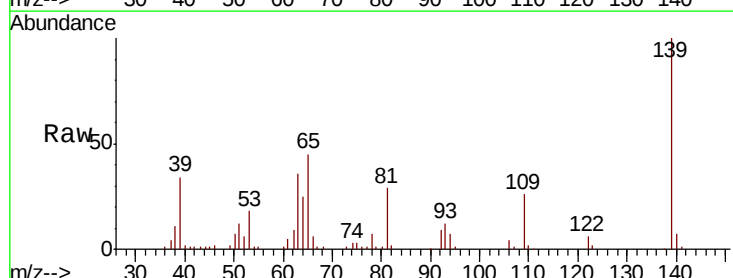
Tgt Ion: 139 Resp: 117505

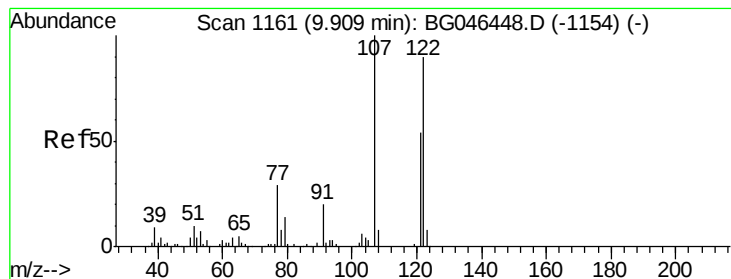
Ion Ratio Lower Upper

139 100

109 26.1 18.8 28.2

65 45.3 35.0 52.6





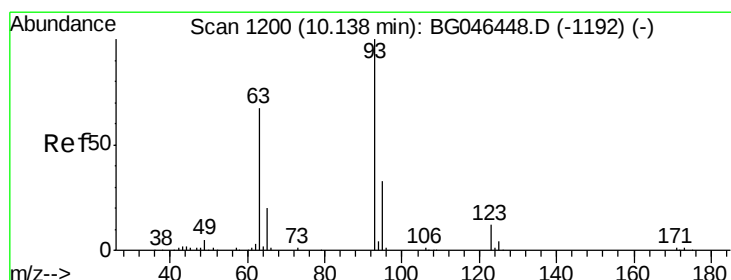
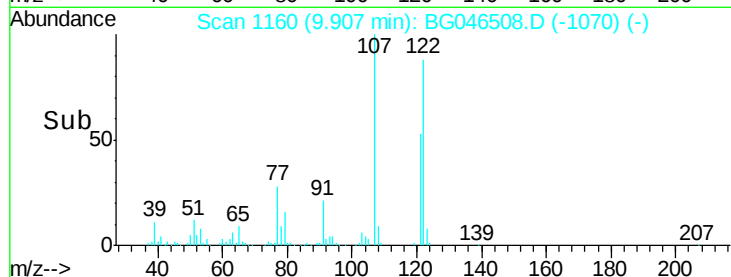
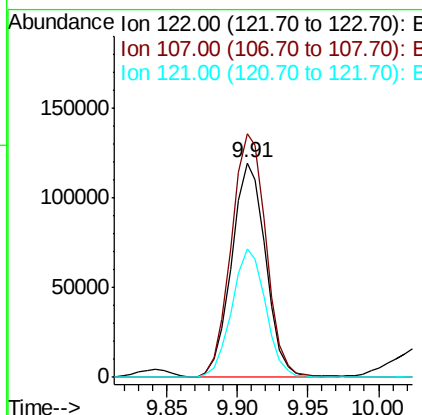
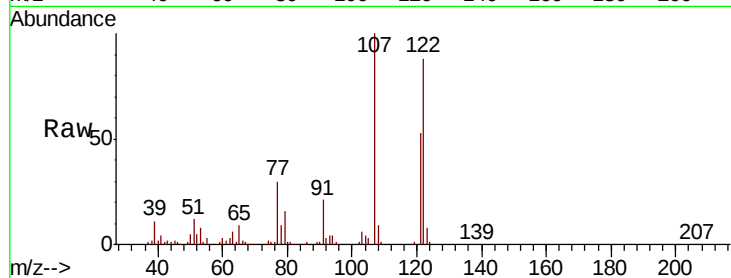
#27
2,4-Dimethylphenol
Concen: 59.357 ng
RT: 9.91 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BG046508.D
Acq: 2 Sep 2020 18:11

Instrument :
BNA_G
ClientSampleId :
789UMR-DSP01-01MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.4	88.2	132.2
121	59.7	47.4	71.0

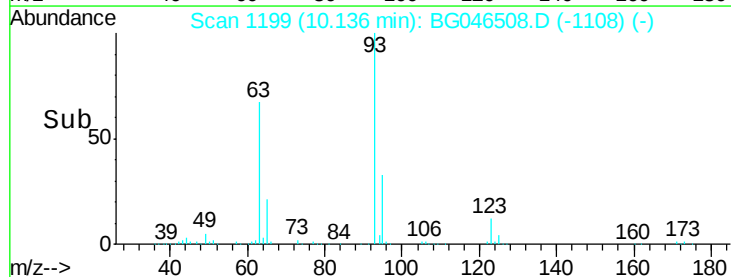
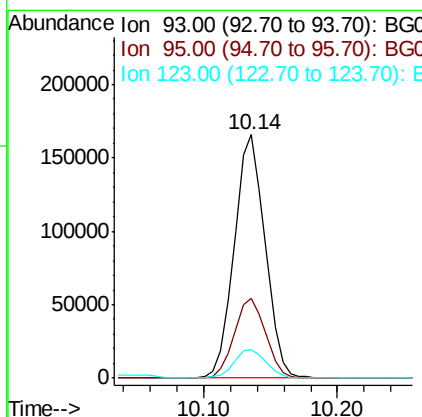
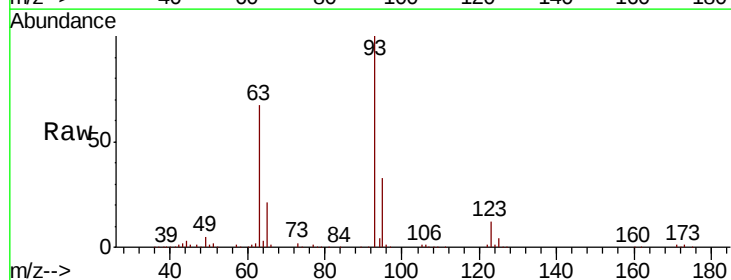
Manual Integrations
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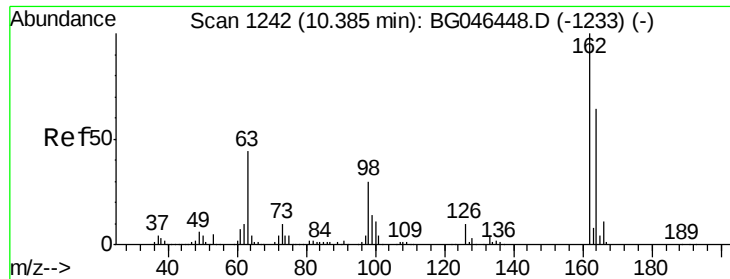
mohammad
9/3/2020 1:47:44 PM



#28
bis(2-Chloroethoxy)methane
Concen: 47.844 ng
RT: 10.14 min Scan# 1199
Delta R.T. 0.00 min
Lab File: BG046508.D
Acq: 2 Sep 2020 18:11

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.1	39.1
123	12.0	9.5	14.3





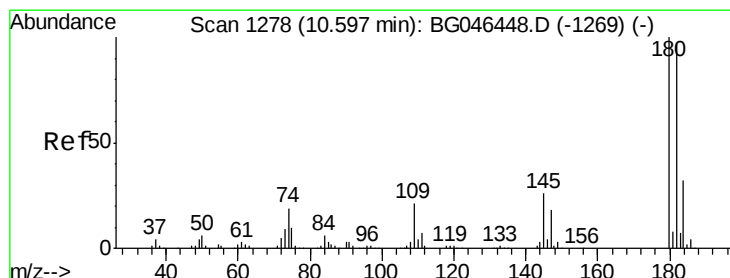
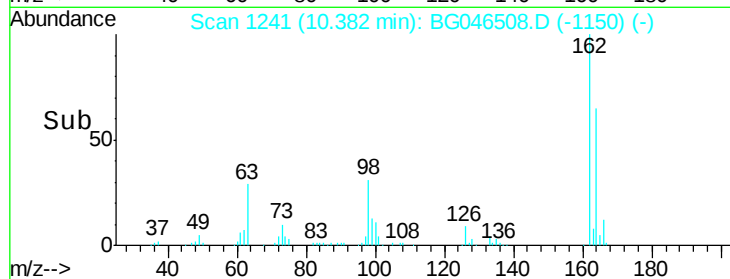
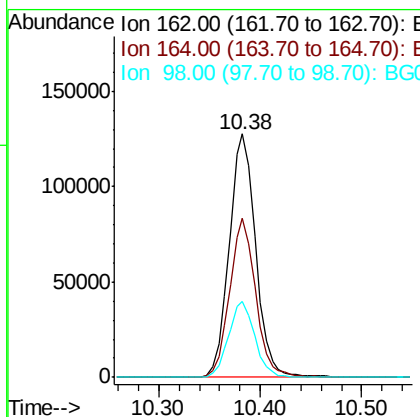
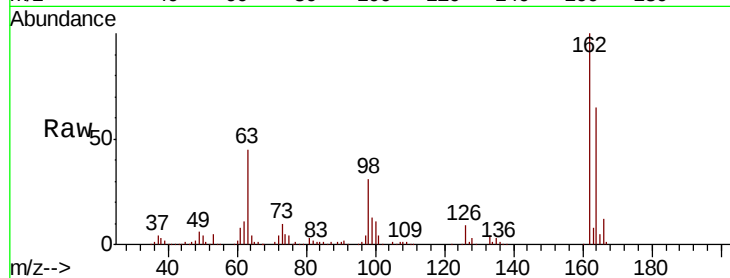
#29
 2,4-Dichlorophenol
 Concen: 51.324 ng
 RT: 10.38 min Scan# 1241
 Delta R.T. 0.00 min
 Lab File: BG046508.D
 Acq: 2 Sep 2020 18:11

Instrument :
 BNA_G
 ClientSampleId :
 789UMR-DSP01-01MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	230602		
164	65.3	44.3	84.3	
98	31.4	10.0	50.0	

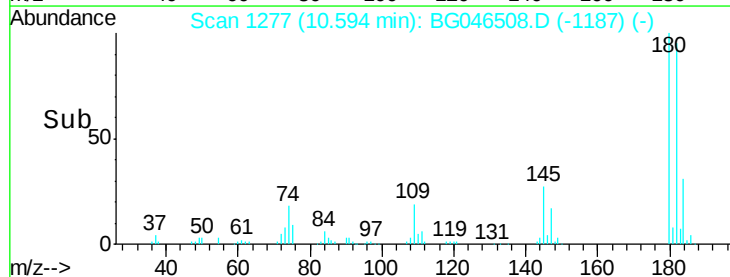
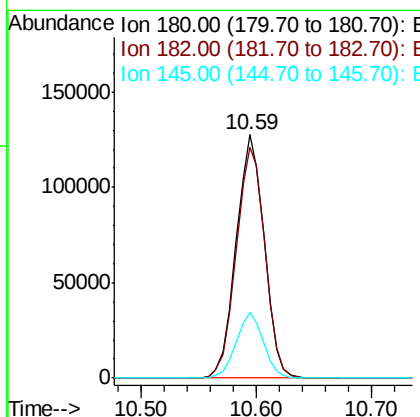
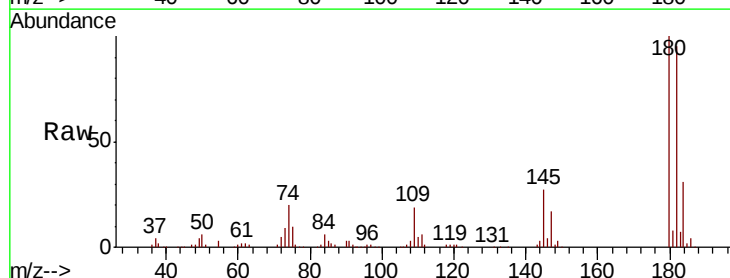
Manual Integrations
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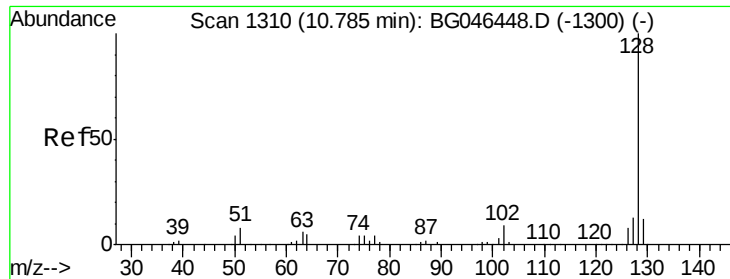
mohammad
 9/3/2020 1:47:44 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 40.166 ng
 RT: 10.59 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: BG046508.D
 Acq: 2 Sep 2020 18:11

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	214124		
182	94.9	77.8	116.8	
145	27.0	20.9	31.3	





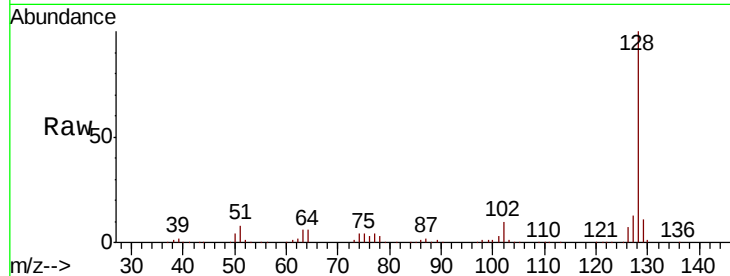
#31
Naphthalene
Concen: 44.263 ng
RT: 10.78 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BG046508.D
Acq: 2 Sep 2020 18:11

Instrument :
BNA_G
ClientSampleId :
789UMR-DSP01-01MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.2	13.8
127	13.3	10.7	16.1

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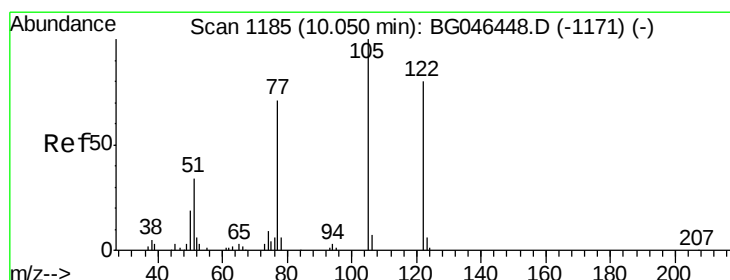
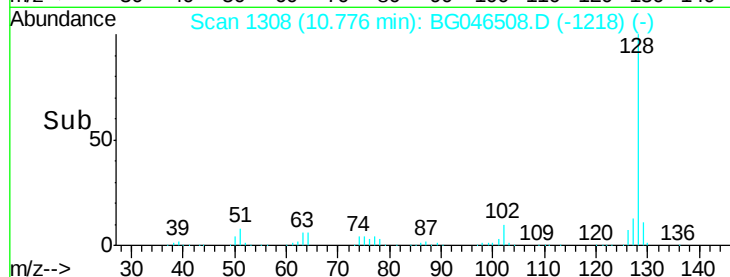
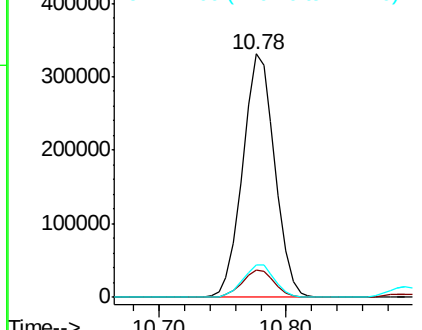


Abundance

Ion 128.00 (127.70 to 128.70): E

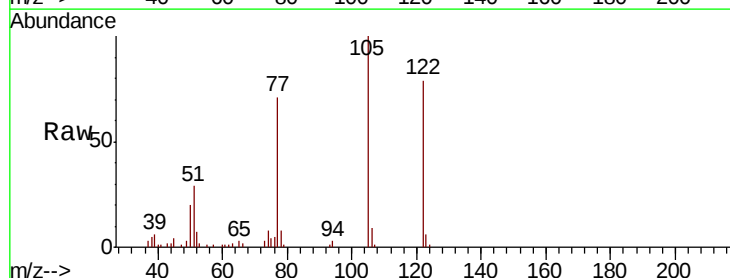
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 37.129 ng
RT: 10.05 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BG046508.D
Acq: 2 Sep 2020 18:11

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.1	102.5	142.5
77	89.2	68.2	108.2

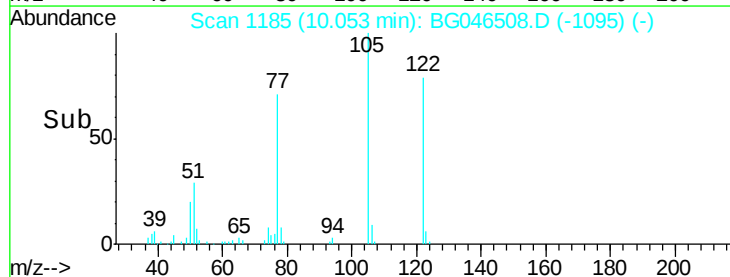
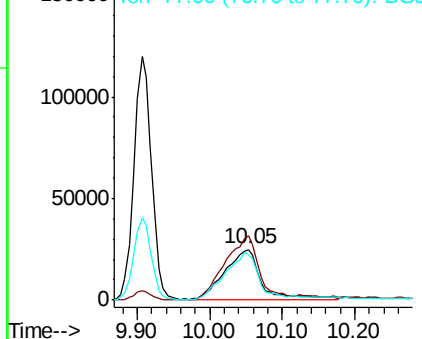


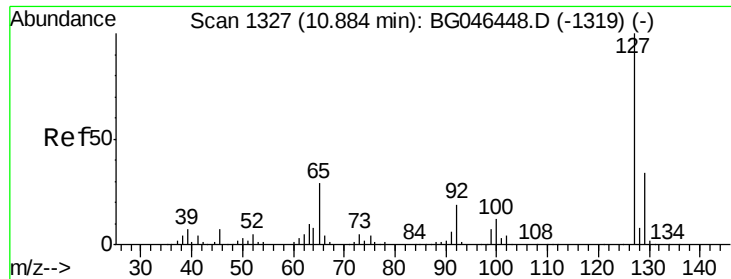
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG





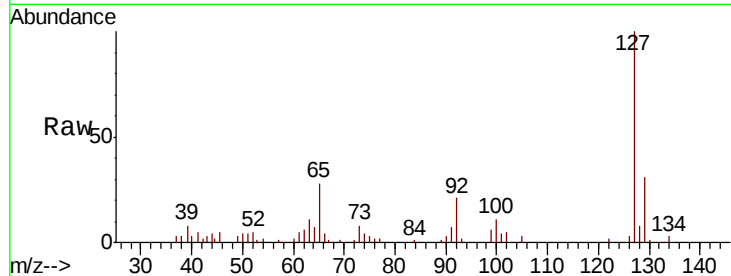
#33
4-Chloroaniline
Concen: 5.682 ng
RT: 10.89 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BG046508.D
Acq: 2 Sep 2020 18:11

Instrument :
BNA_G
ClientSampleId :
789UMR-DSP01-01MS

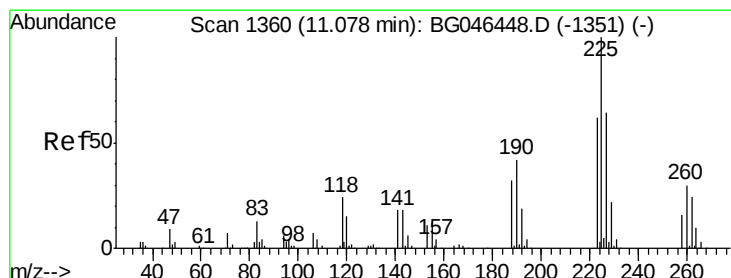
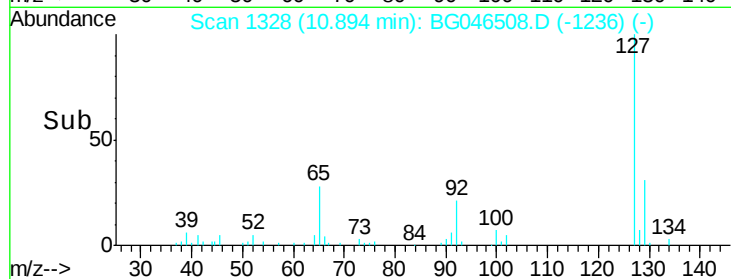
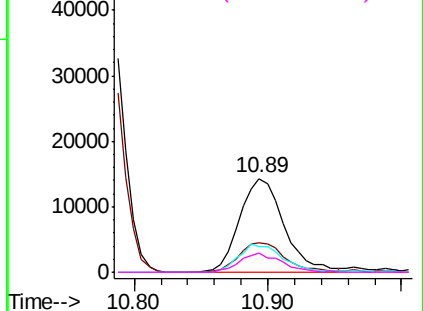
Tot Ion	Ratio	Lower	Upper
127	100		
129	30.9	27.0	40.4
65	28.0	23.5	35.3
92	20.7	14.9	22.3

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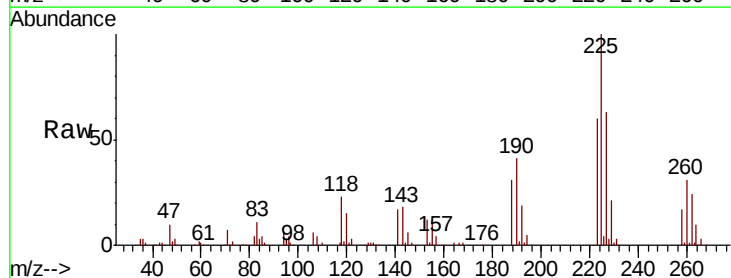


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

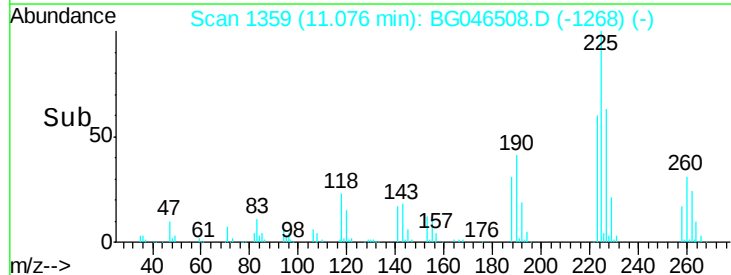
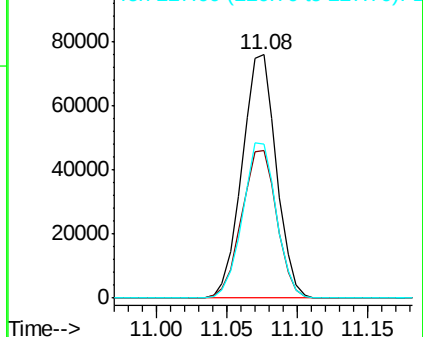


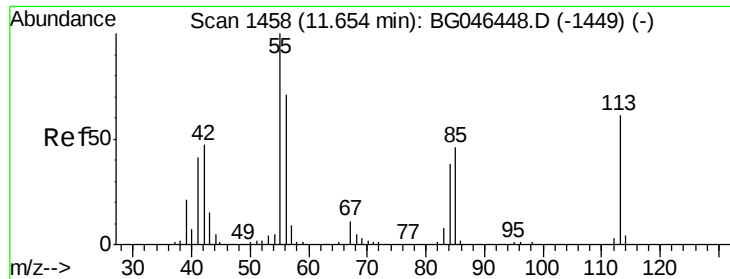
#34
Hexachlorobutadiene
Concen: 37.183 ng
RT: 11.08 min Scan# 1359
Delta R.T. 0.00 min
Lab File: BG046508.D
Acq: 2 Sep 2020 18:11

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.5	49.9	74.9
227	63.1	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





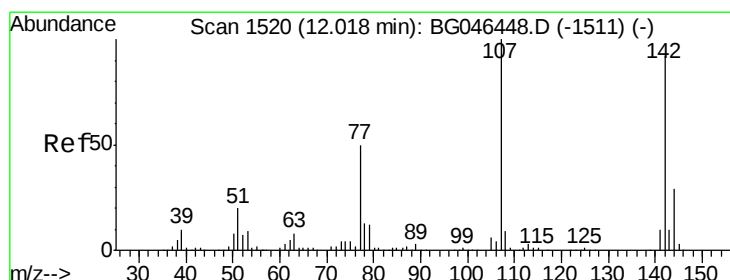
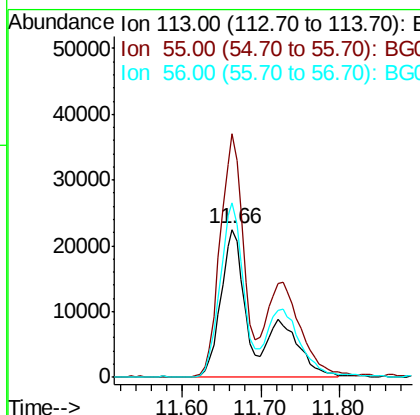
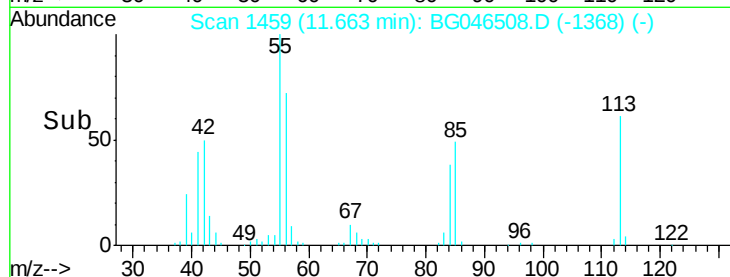
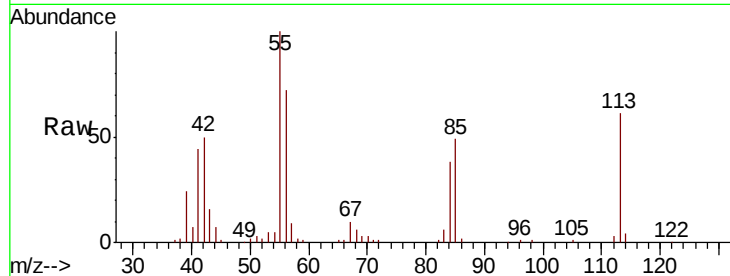
#35
 Caprolactam
 Concen: 42.102 ng/ml
 RT: 11.66 min Scan# 1459
 Delta R.T. 0.00 min
 Lab File: BG046508.D
 Acq: 2 Sep 2020 18:11

Instrument :
 BNA_G
 ClientSampleId :
 789UMR-DSP01-01MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	165.0	144.2	184.2
56	118.2	97.0	137.0

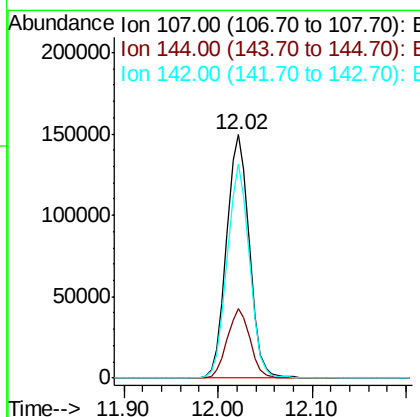
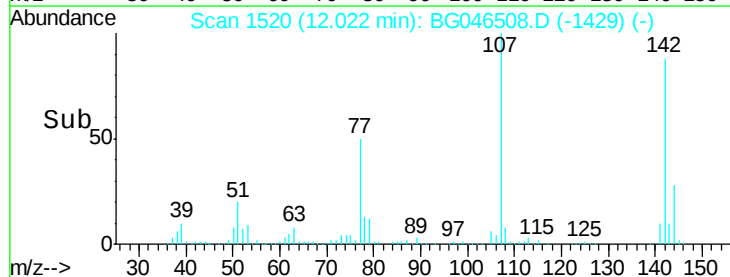
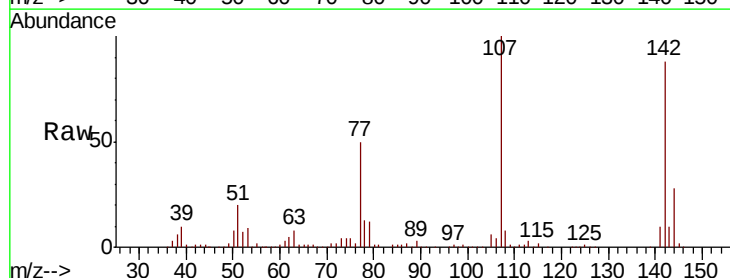
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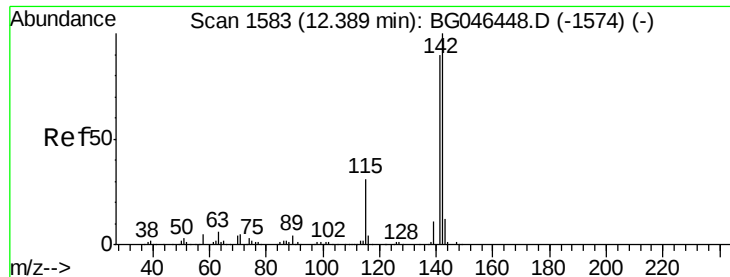
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 57.509 ng/ml
 RT: 12.02 min Scan# 1520
 Delta R.T. 0.00 min
 Lab File: BG046508.D
 Acq: 2 Sep 2020 18:11

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.3	23.3	34.9
142	88.2	73.7	110.5





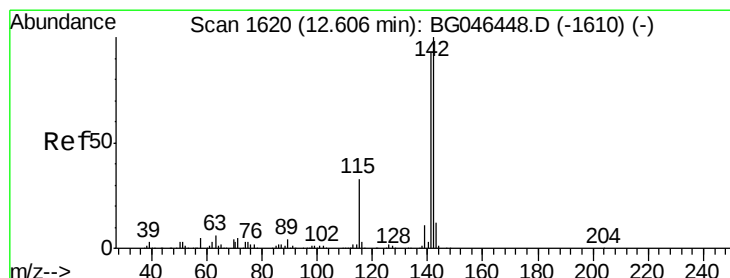
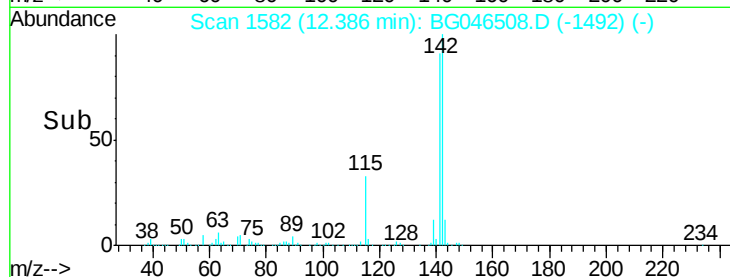
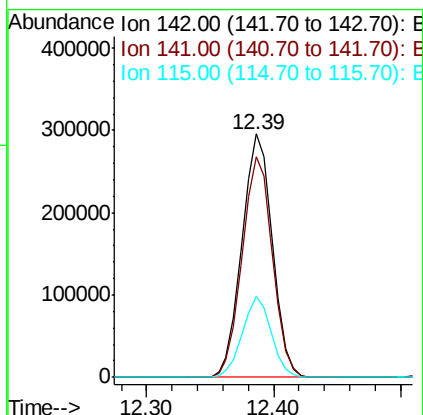
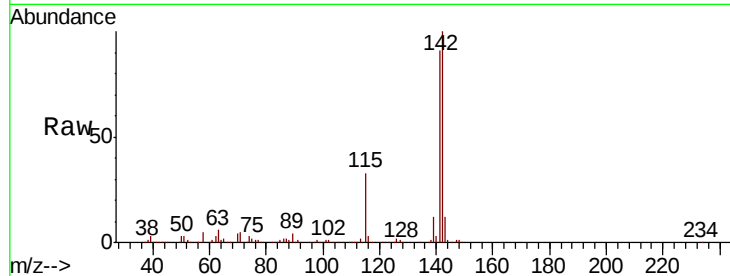
#37
2-Methylnaphthalene
Concen: 47.547 ng
RT: 12.39 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BG046508.D
Acq: 2 Sep 2020 18:11

Instrument :
BNA_G
ClientSampleId :
789UMR-DSP01-01MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.8	72.1	108.1
115	33.3	24.9	37.3

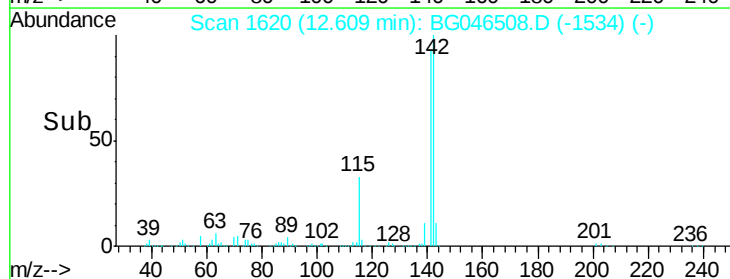
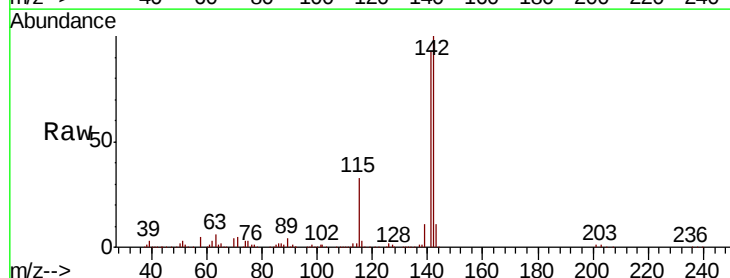
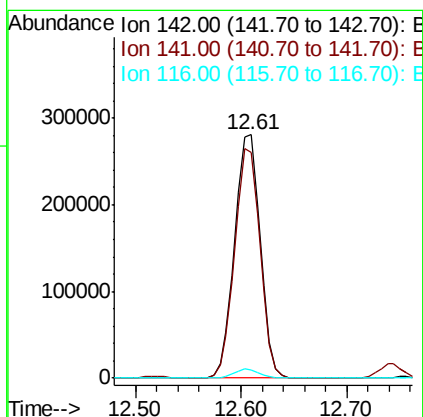
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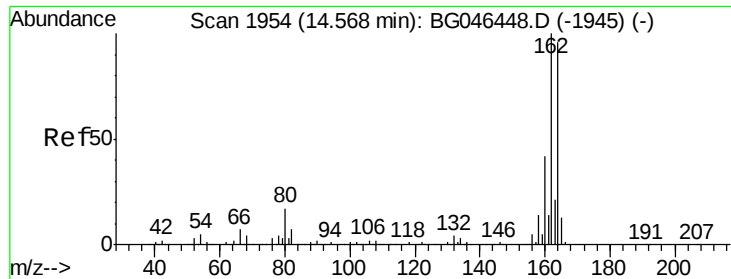
mohammad
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#38
1-Methylnaphthalene
Concen: 47.855 ng
RT: 12.61 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BG046508.D
Acq: 2 Sep 2020 18:11

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.9	74.7	112.1
116	3.4	2.6	4.0





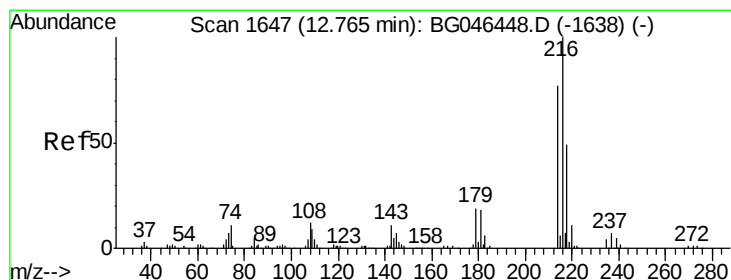
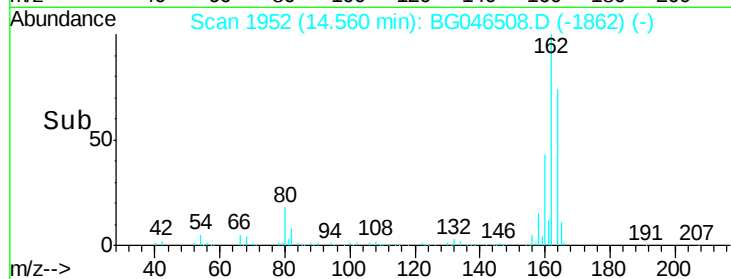
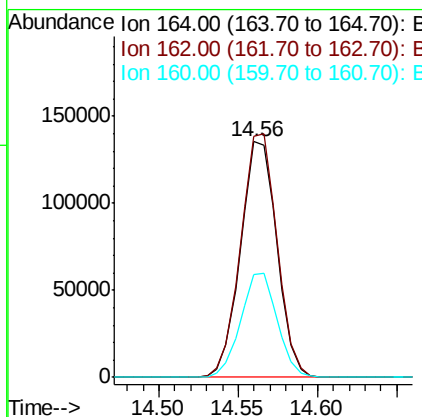
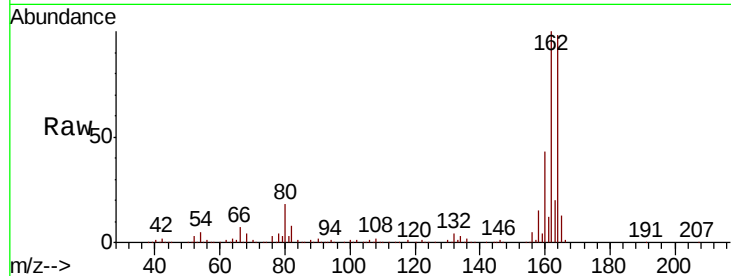
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1952
Delta R.T. -0.00 min
Lab File: BG046508.D
Acq: 2 Sep 2020 18:11

Instrument :
BNA_G
ClientSampleId :
789UMR-DSP01-01MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.4	83.3	124.9	
160	43.8	35.0	52.6	

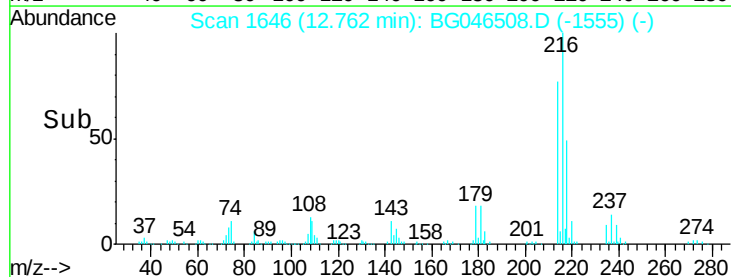
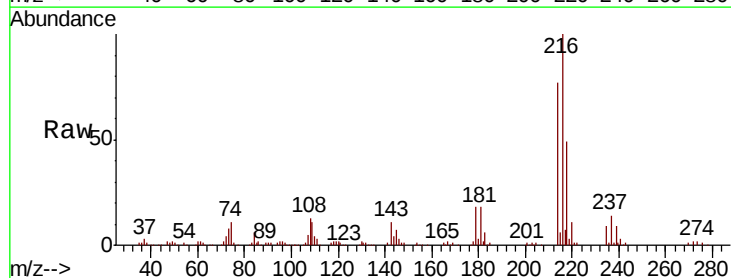
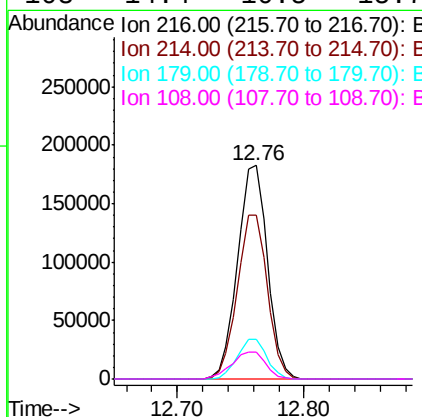
Manual Integrations
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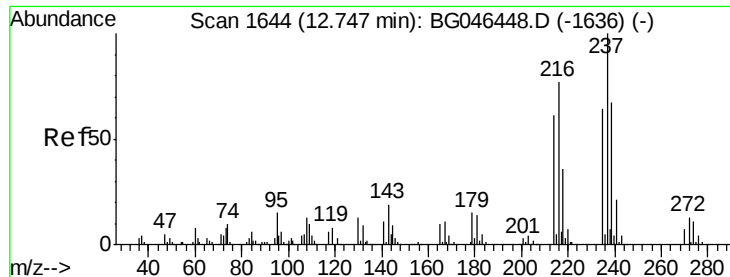
mohammad
9/3/2020 1:47:44 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.949 ng
RT: 12.76 min Scan# 1646
Delta R.T. 0.00 min
Lab File: BG046508.D
Acq: 2 Sep 2020 18:11

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	77.3	62.1	93.1	
179	18.4	14.9	22.3	
108	14.4	10.5	15.7	





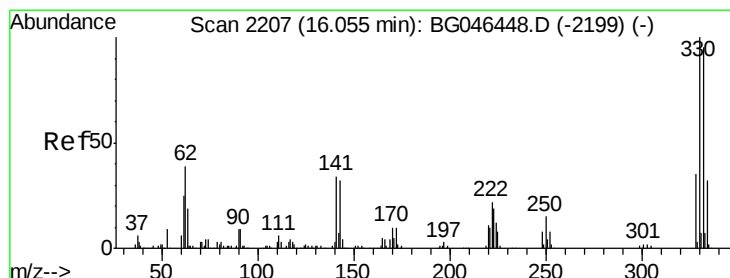
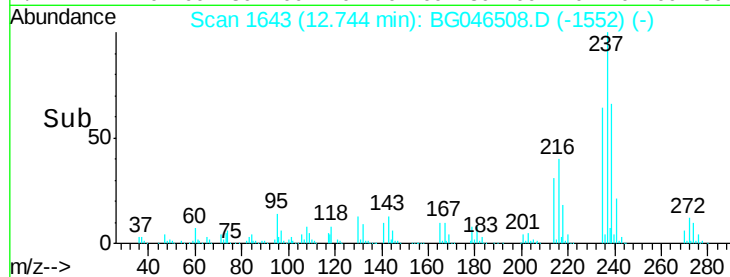
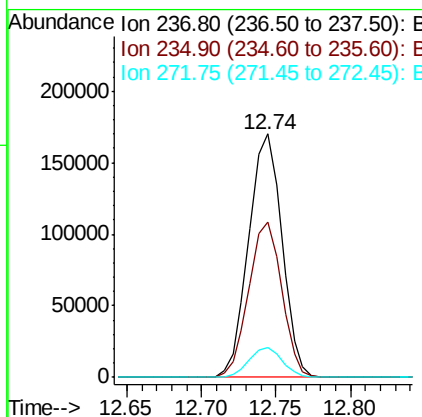
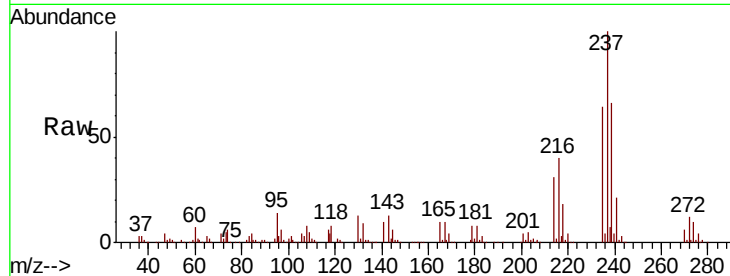
#41
Hexachlorocyclopentadiene
Concen: 84.729 ng
RT: 12.74 min Scan# 1643
Delta R.T. 0.00 min
Lab File: BG046508.D
Acq: 2 Sep 2020 18:11

Instrument :
BNA_G
ClientSampleId :
789UMR-DSP01-01MS

Tot Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	63.8	44.5	84.5
272	12.4	0.0	32.8

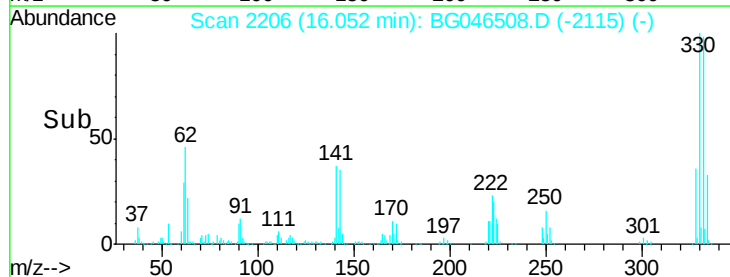
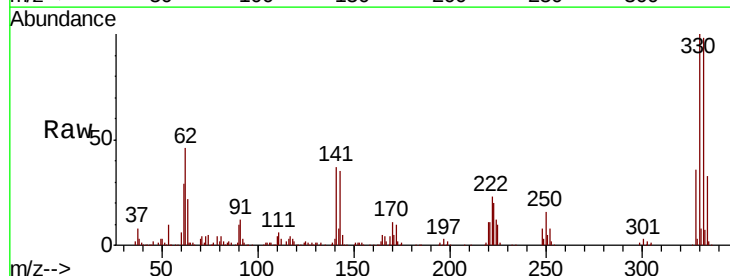
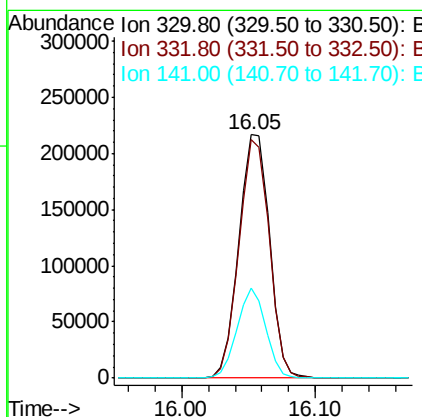
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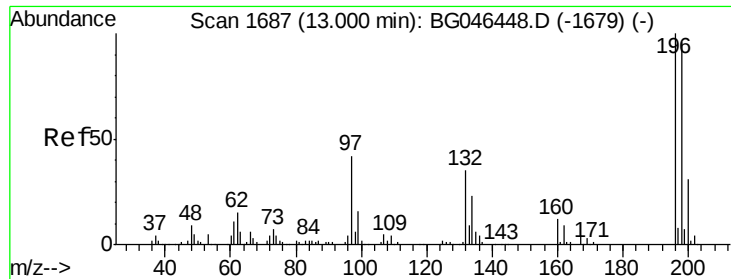
mohammad
9/3/2020 1:47:44 PM



#42
2,4,6-Tribromophenol
Concen: 117.971 ng
RT: 16.05 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BG046508.D
Acq: 2 Sep 2020 18:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	96.9	76.1	114.1
141	34.6	26.1	39.1





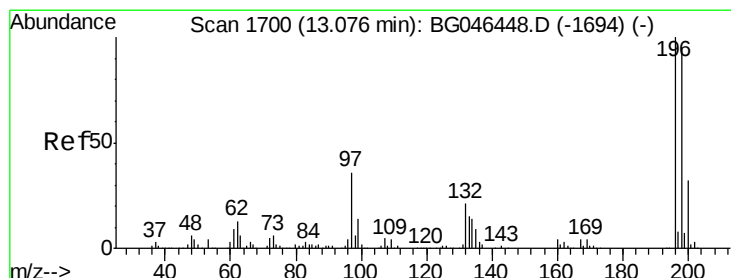
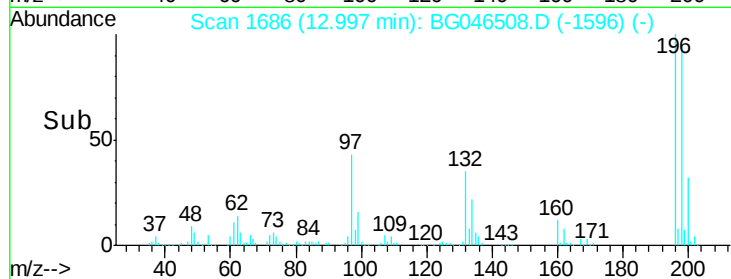
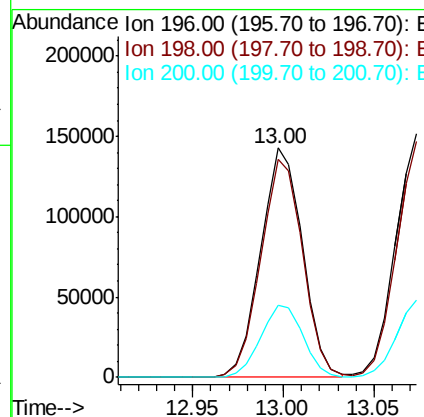
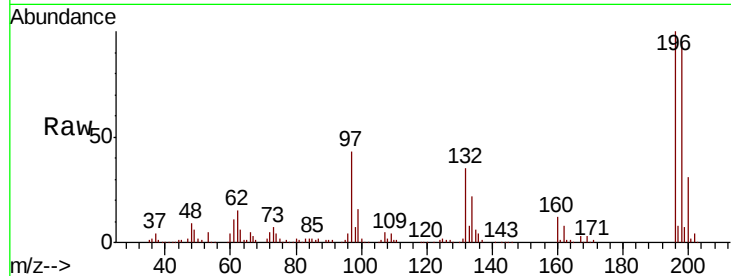
#43
 2,4,6-Trichlorophenol
 Concen: 47.682 ng
 RT: 13.00 min Scan# 1686
 Delta R.T. -0.00 min
 Lab File: BG046508.D
 Acq: 2 Sep 2020 18:11

Instrument :
 BNA_G
 ClientSampleId :
 789UMR-DSP01-01MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	228804		
198	94.9	77.0	115.6	
200	31.5	25.2	37.8	

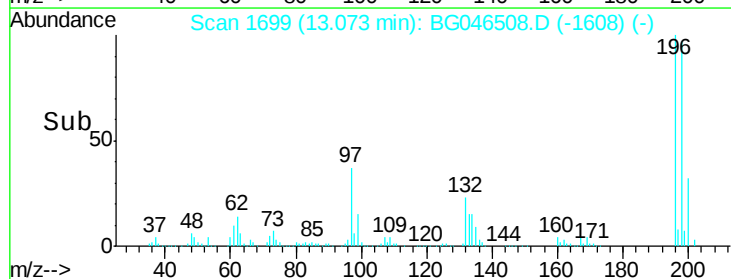
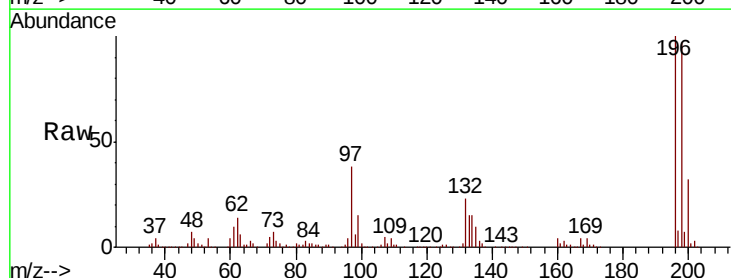
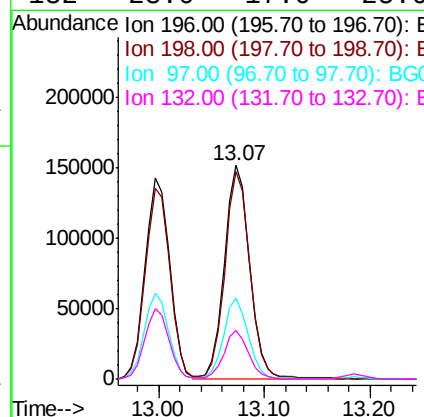
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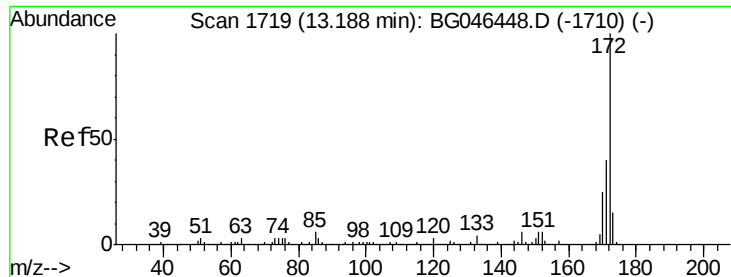
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 49.836 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: BG046508.D
 Acq: 2 Sep 2020 18:11

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	251257		
198	97.1	75.6	113.4	
97	37.6	28.6	43.0	
132	23.0	17.0	25.6	





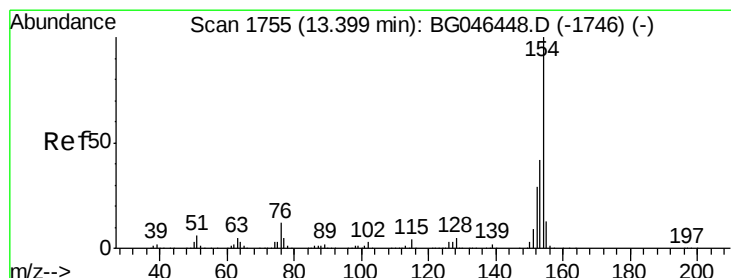
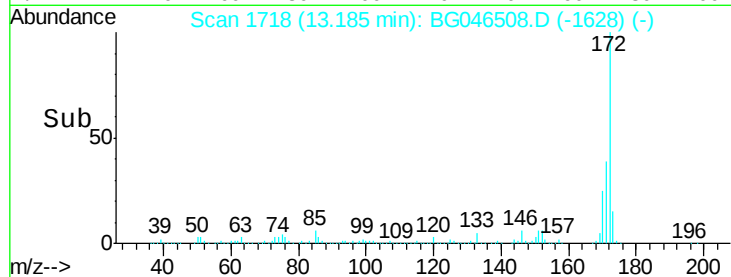
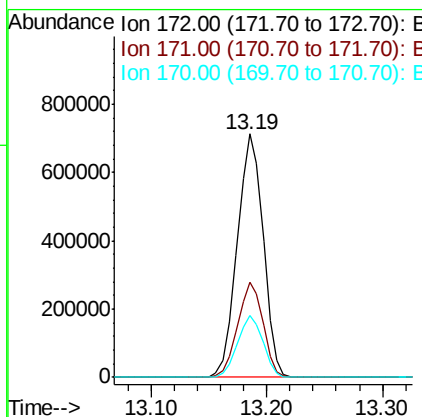
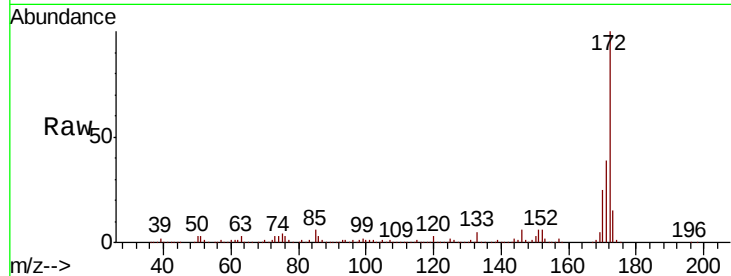
#45
2-Fluorobiphenyl
Concen: 78.294 ng
RT: 13.19 min Scan# 1718
Delta R.T. -0.00 min
Lab File: BG046508.D
Acq: 2 Sep 2020 18:11

Instrument :
BNA_G
ClientSampleId :
789UMR-DSP01-01MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.2	31.8	47.6
170	25.4	20.3	30.5

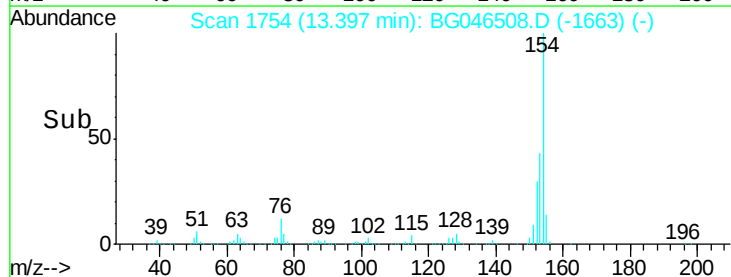
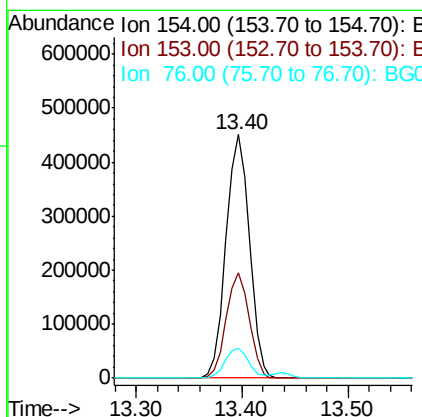
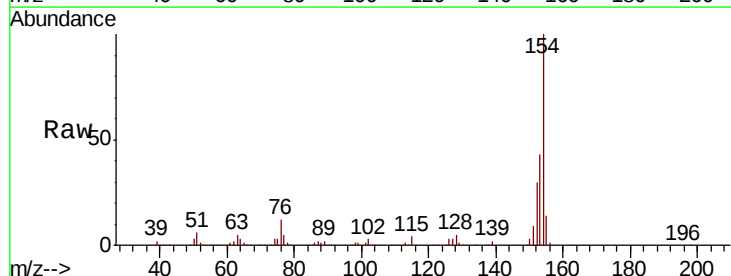
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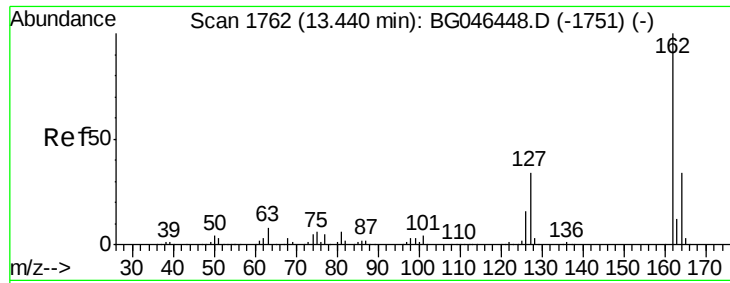
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#46
1,1'-Biphenyl
Concen: 46.024 ng
RT: 13.40 min Scan# 1754
Delta R.T. 0.00 min
Lab File: BG046508.D
Acq: 2 Sep 2020 18:11

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.3	22.0	62.0
76	12.3	0.0	32.3





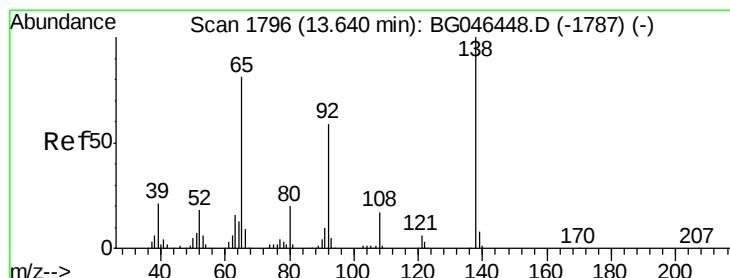
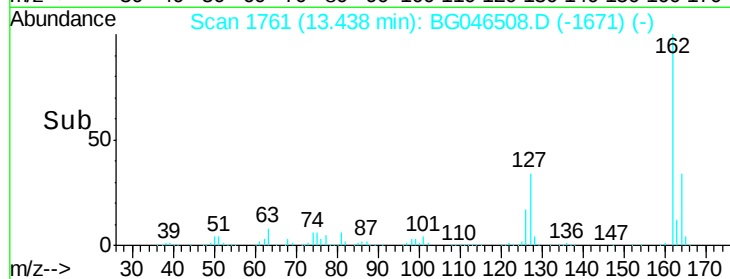
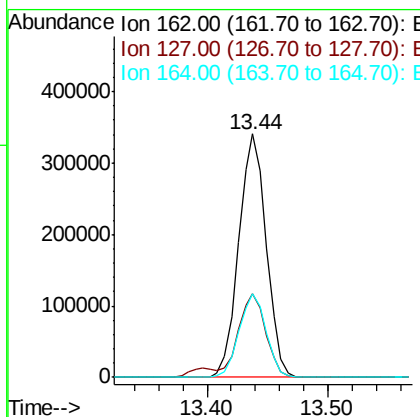
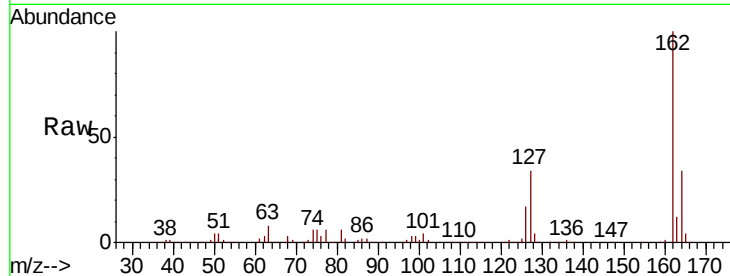
#47
2-Chloronaphthalene
Concen: 42.456 ng
RT: 13.44 min Scan# 1761
Delta R.T. -0.00 min
Lab File: BG046508.D
Acq: 2 Sep 2020 18:11

Instrument :
BNA_G
ClientSampleId :
789UMR-DSP01-01MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	540037		
127	34.2		27.6	41.4
164	34.2		27.3	40.9

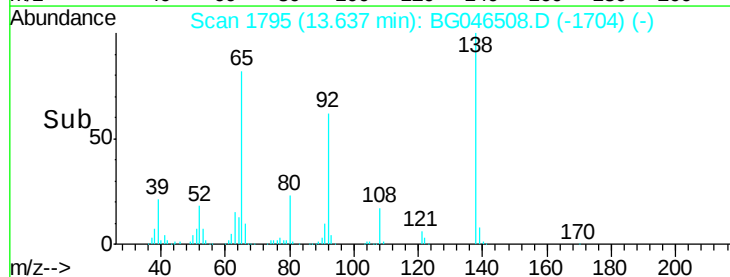
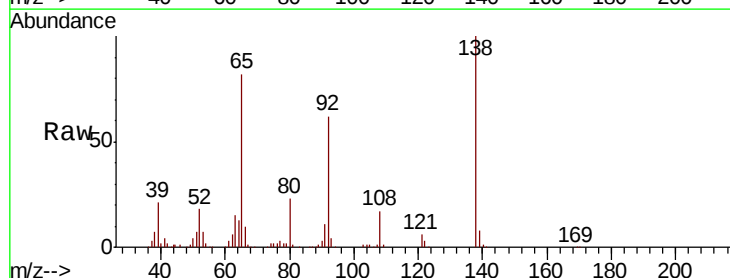
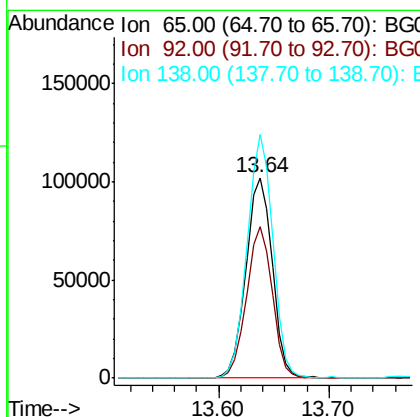
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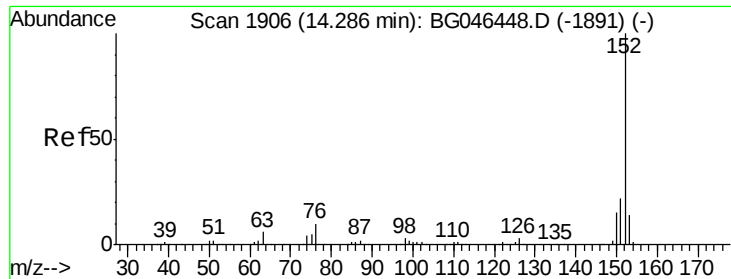
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#48
2-Nitroaniline
Concen: 48.716 ng
RT: 13.64 min Scan# 1795
Delta R.T. 0.00 min
Lab File: BG046508.D
Acq: 2 Sep 2020 18:11

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	172068		
92	75.5		58.5	87.7
138	121.6		98.4	147.6





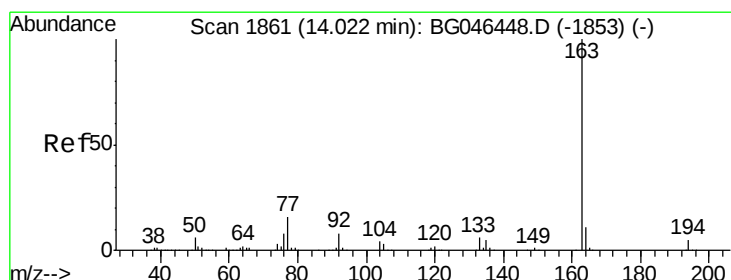
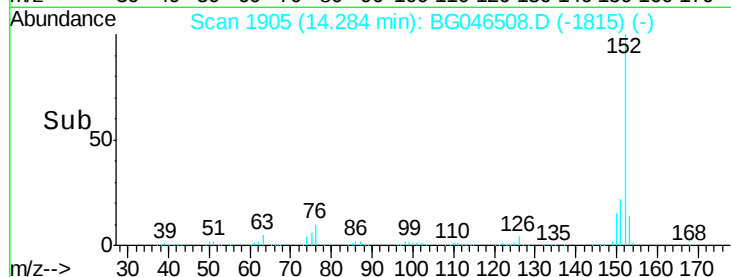
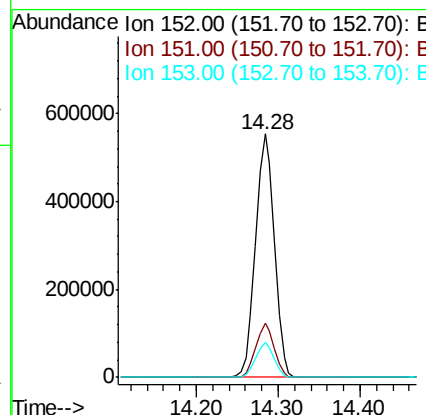
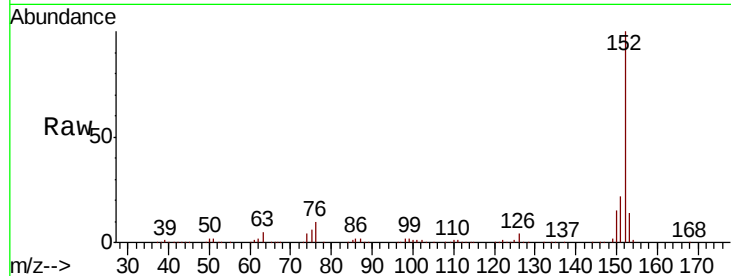
#49
Acenaphthylene
Concen: 46.056 ng
RT: 14.28 min Scan# 1905
Delta R.T. -0.00 min
Lab File: BG046508.D
Acq: 2 Sep 2020 18:11

Instrument :
BNA_G
ClientSampleId :
789UMR-DSP01-01MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	22.2	17.7	26.5
153	14.3	11.2	16.8

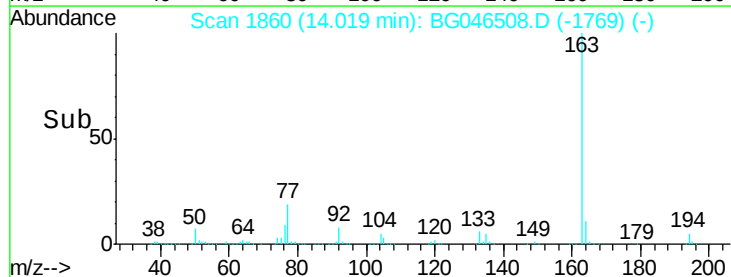
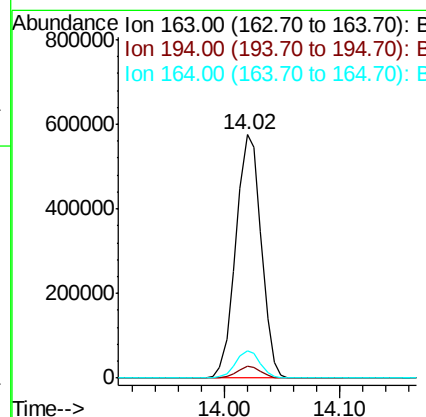
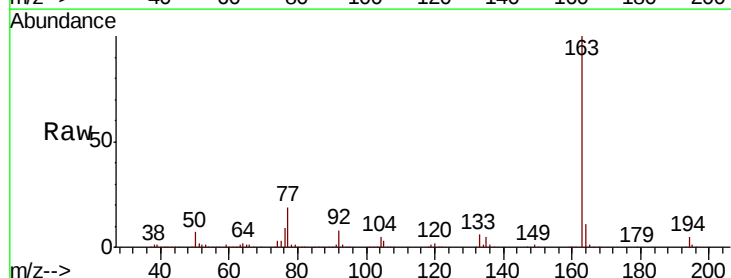
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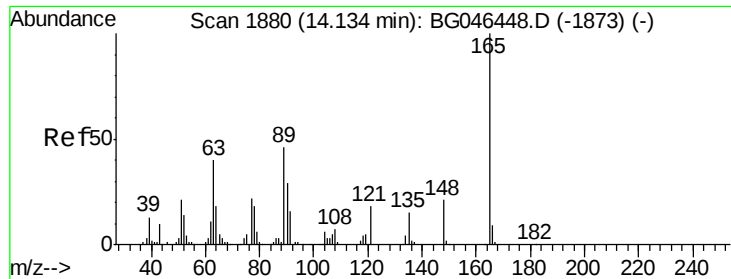
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#50
Dimethylphthalate
Concen: 52.499 ng
RT: 14.02 min Scan# 1860
Delta R.T. 0.00 min
Lab File: BG046508.D
Acq: 2 Sep 2020 18:11

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.7	5.5
164	11.2	8.6	12.8





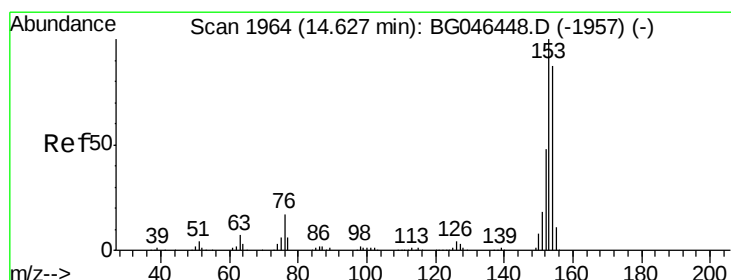
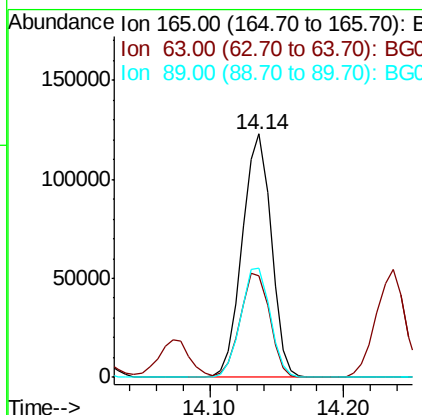
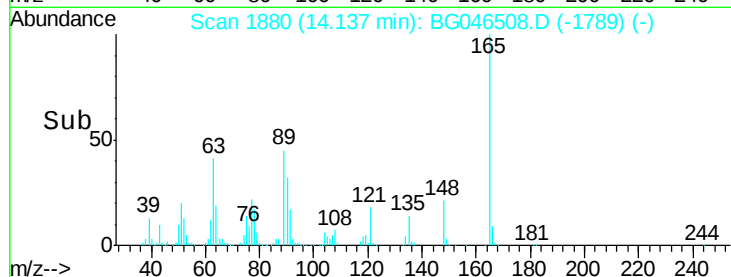
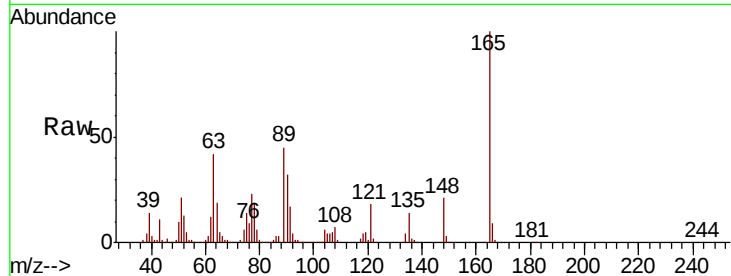
#51
 2,6-Dinitrotoluene
 Concen: 50.003 ng
 RT: 14.14 min Scan# 1880
 Delta R.T. 0.00 min
 Lab File: BG046508.D
 Acq: 2 Sep 2020 18:11

Instrument :
 BNA_G
 ClientSampleId :
 789UMR-DSP01-01MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	41.6	34.2	51.4
89	45.1	37.0	55.4

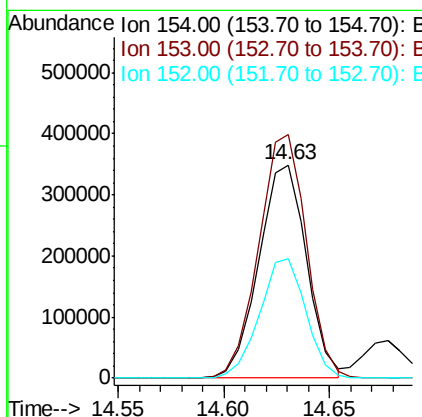
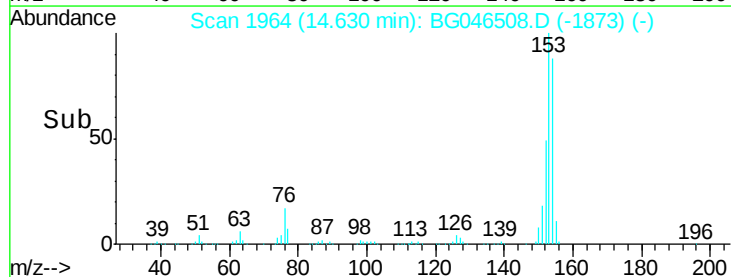
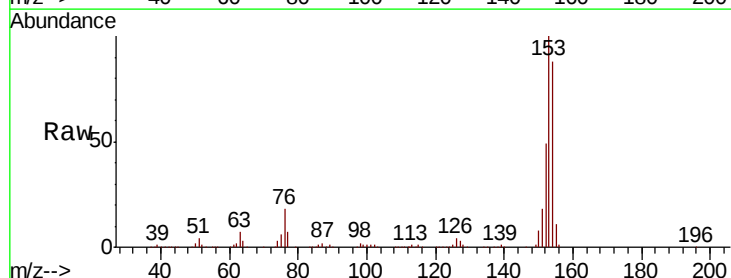
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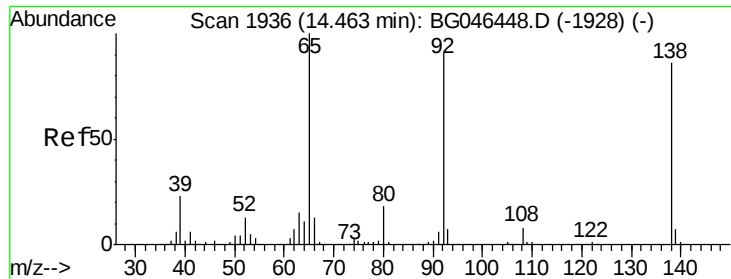
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#52
 Acenaphthene
 Concen: 45.747 ng
 RT: 14.63 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: BG046508.D
 Acq: 2 Sep 2020 18:11

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.1	91.9	137.9
152	56.0	43.8	65.6





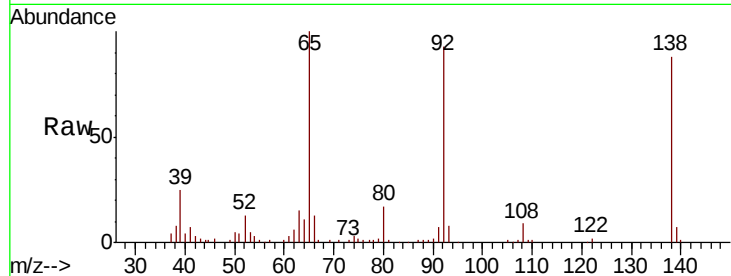
#53
 3-Nitroaniline
 Concen: 15.844 ng
 RT: 14.47 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: BG046508.D
 Acq: 2 Sep 2020 18:11

Instrument :
 BNA_G
 ClientSampleId :
 789UMR-DSP01-01MS

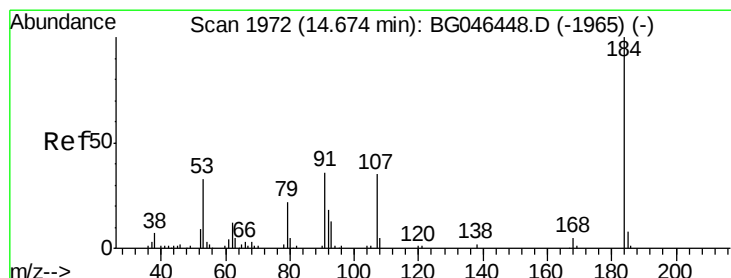
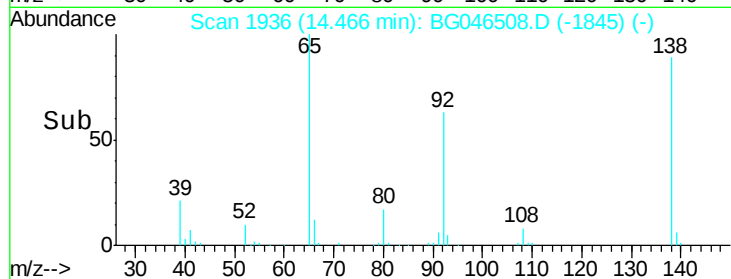
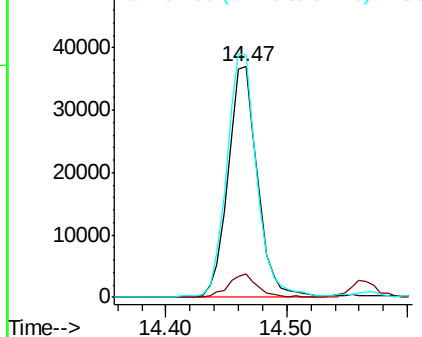
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.3	7.0	10.6
92	105.5	84.6	127.0

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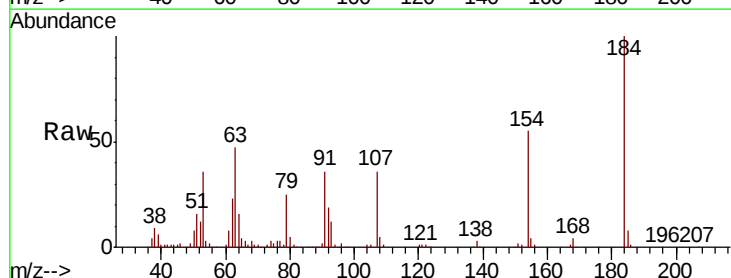


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BGC

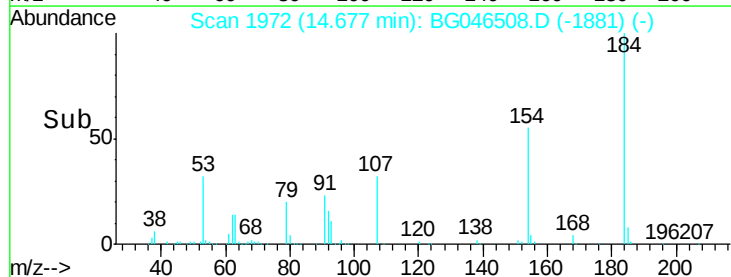
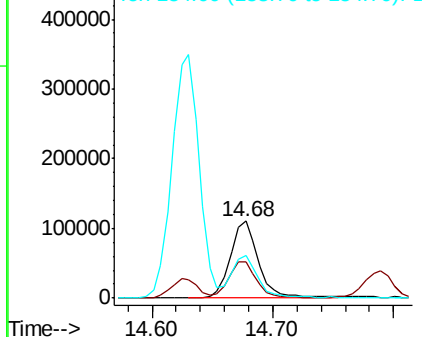


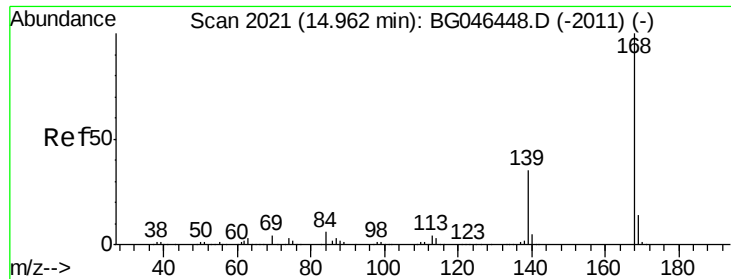
#54
 2,4-Dinitrophenol
 Concen: 84.220 ng
 RT: 14.68 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: BG046508.D
 Acq: 2 Sep 2020 18:11

Tgt Ion	Ratio	Lower	Upper
184	100		
63	46.8	35.6	53.4
154	54.9	44.3	66.5



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 154.00 (153.70 to 154.70): E





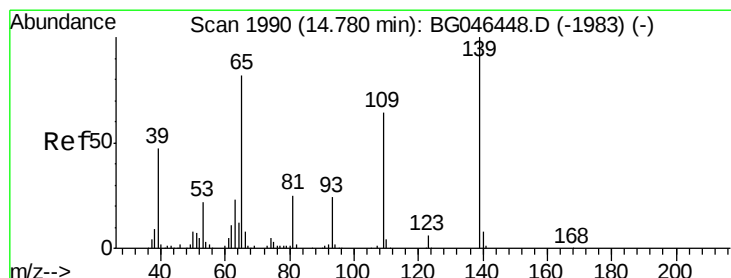
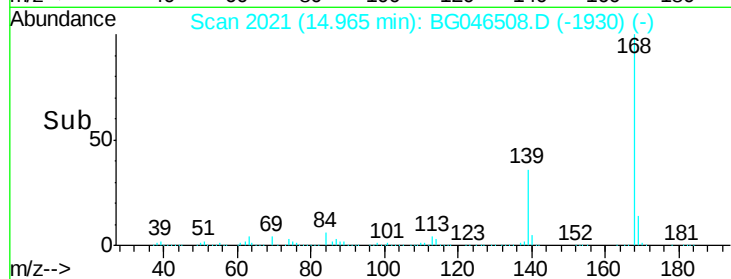
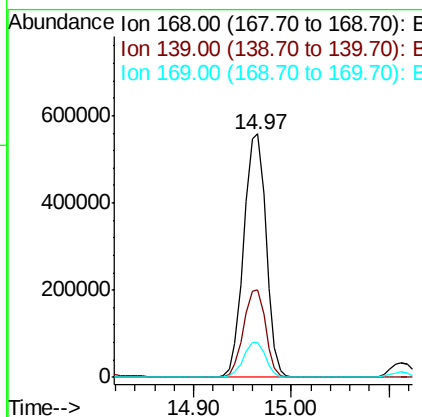
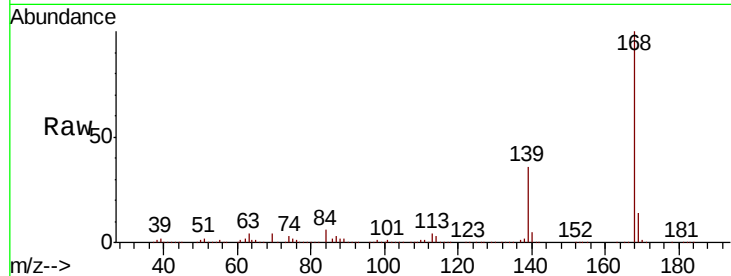
#55
Dibenzenofuran
Concen: 46.637 ng
RT: 14.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BG046508.D
Acq: 2 Sep 2020 18:11

Instrument :
BNA_G
ClientSampleId :
789UMR-DSP01-01MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.9	28.1	42.1
169	14.2	11.5	17.3

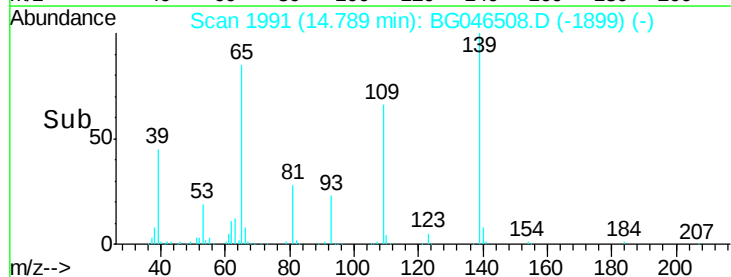
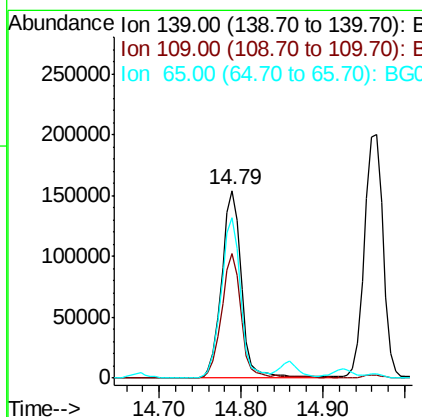
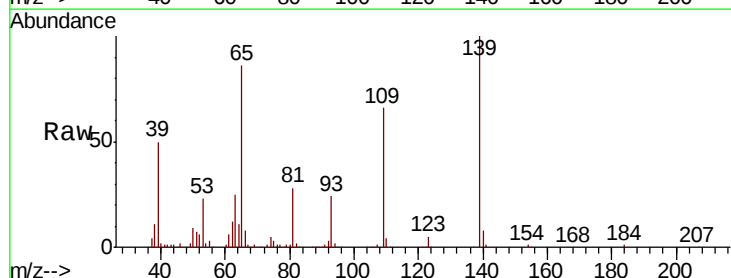
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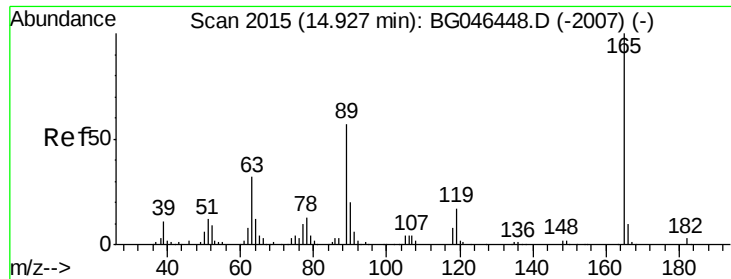
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#56
4-Nitrophenol
Concen: 89.797 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BG046508.D
Acq: 2 Sep 2020 18:11

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.1	44.3	84.3
65	85.6	61.5	101.5





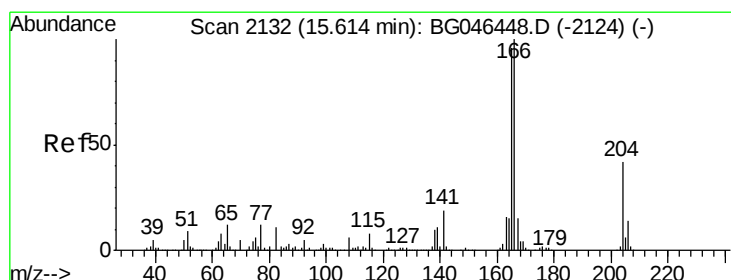
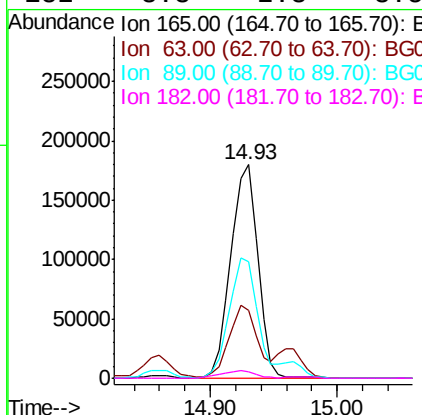
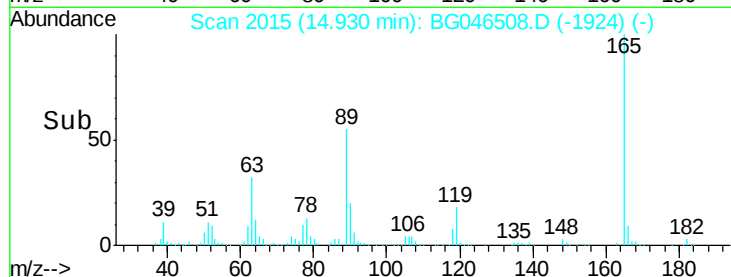
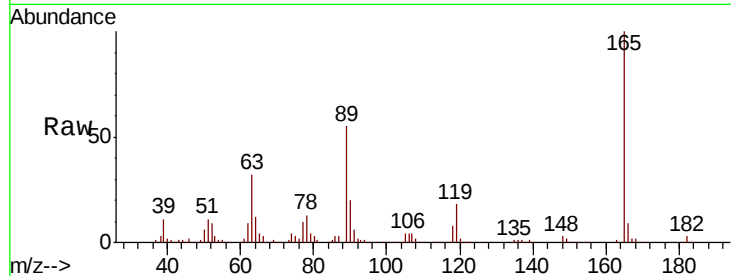
#57
2,4-Dinitrotoluene
Concen: 50.878 ng
RT: 14.93 min Scan# 2015
Delta R.T. 0.00 min
Lab File: BG046508.D
Acq: 2 Sep 2020 18:11

Instrument :
BNA_G
ClientSampleId :
789UMR-DSP01-01MS

Tot Ion:	165	Resp:	266777
Ion Ratio	Lower	Upper	
165	100		
63	32.1	25.4	38.0
89	54.8	45.9	68.9
182	3.3	2.3	3.5

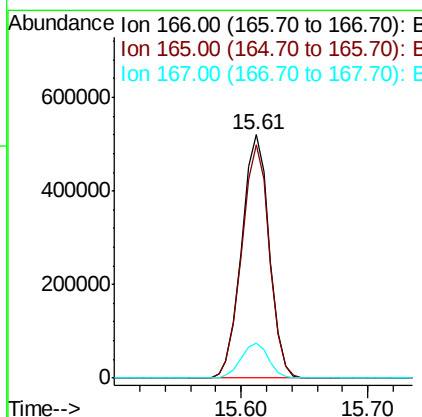
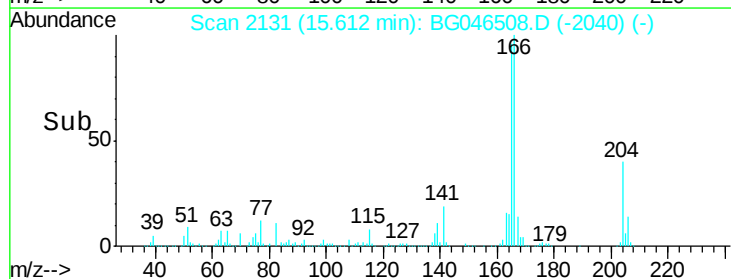
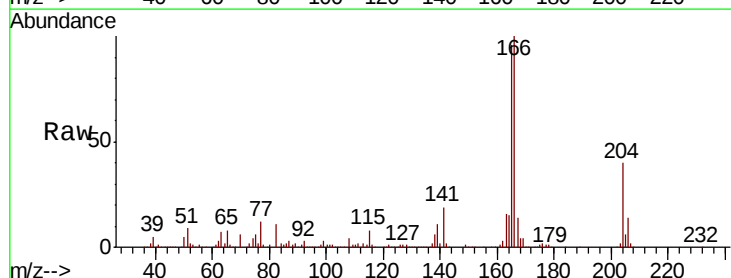
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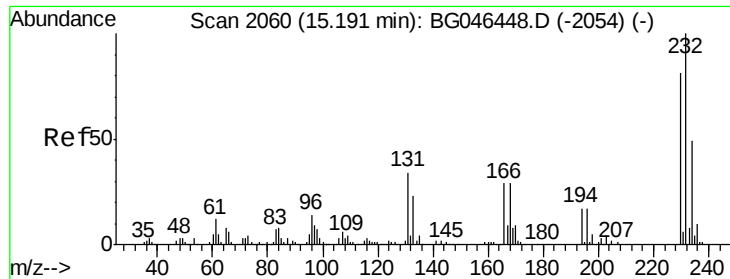
mohammad
9/3/2020 1:47:44 PM



#58
Fluorene
Concen: 48.702 ng
RT: 15.61 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BG046508.D
Acq: 2 Sep 2020 18:11

Tgt Ion:	166	Resp:	784358
Ion Ratio	Lower	Upper	
166	100		
165	95.9	77.0	115.4
167	14.2	11.8	17.6





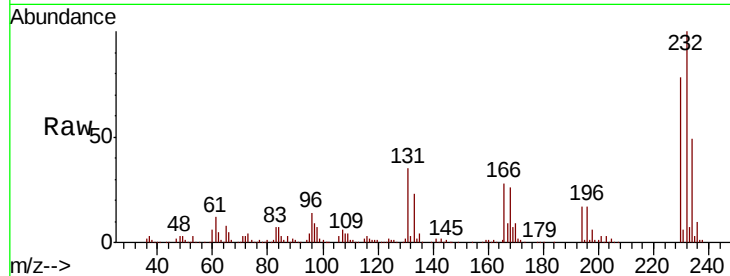
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.204 ng
 RT: 15.19 min Scan# 2060
 Delta R.T. 0.00 min
 Lab File: BG046508.D
 Acq: 2 Sep 2020 18:11

Instrument :
 BNA_G
 ClientSampleId :
 789UMR-DSP01-01MS

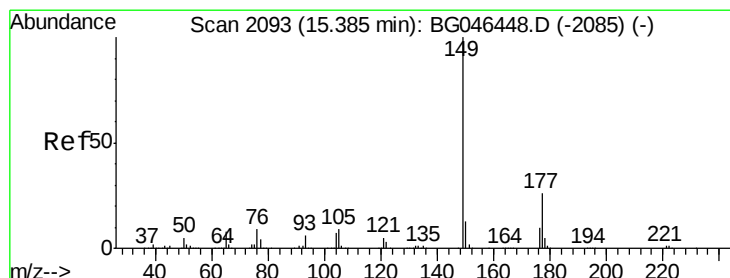
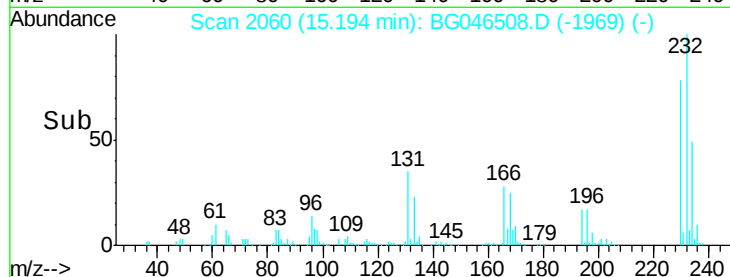
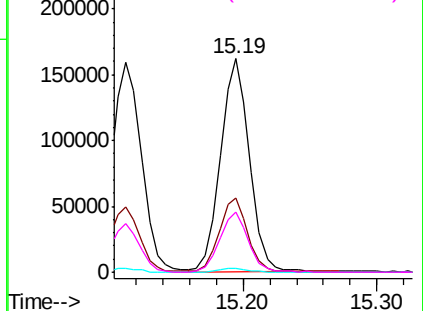
Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		245793		
131	34.4	26.8	40.2		
130	1.9	1.4	2.2		
166	27.8	22.8	34.2		

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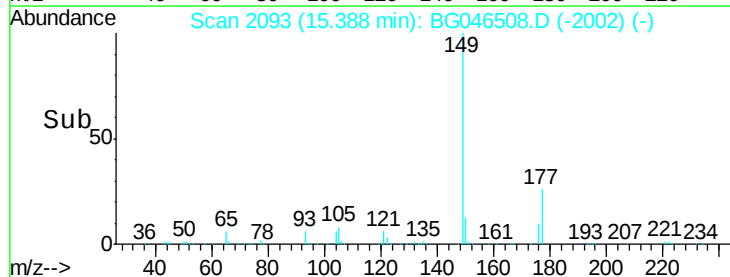
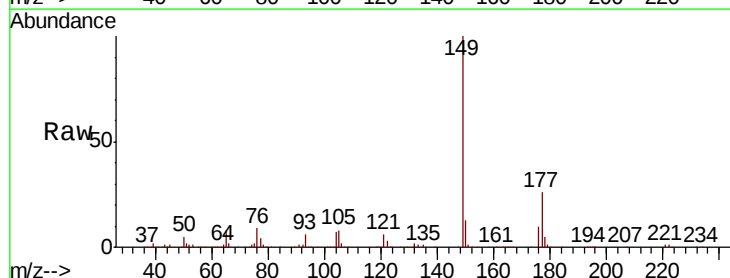
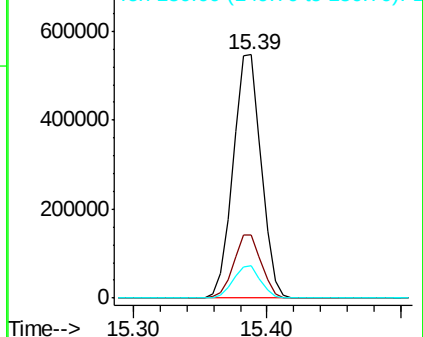
Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

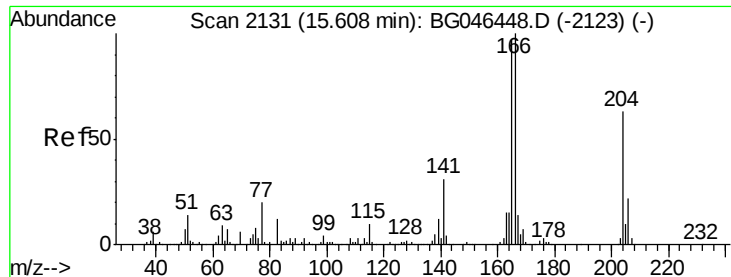


#60
 Diethylphthalate
 Concen: 49.129 ng
 RT: 15.39 min Scan# 2093
 Delta R.T. 0.00 min
 Lab File: BG046508.D
 Acq: 2 Sep 2020 18:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		799083		
177	26.1	20.6	30.8		
150	13.2	10.3	15.5		

Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





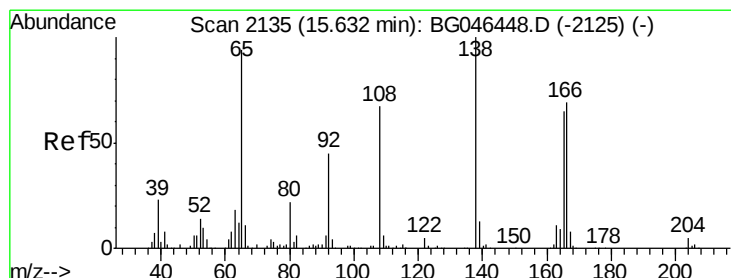
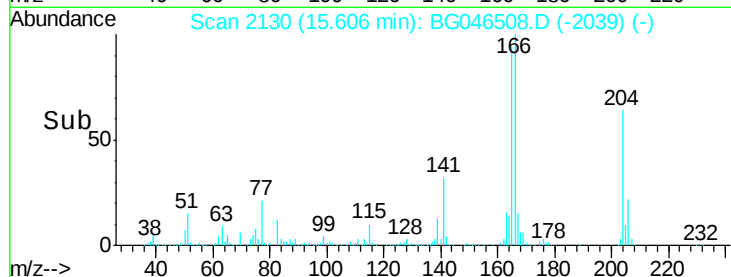
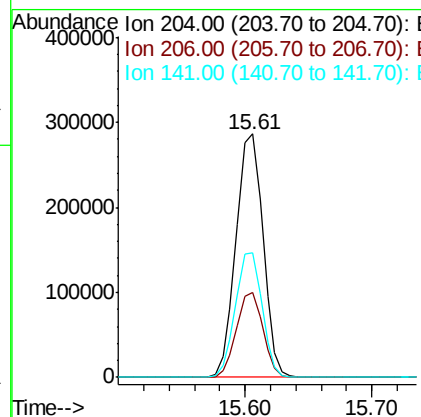
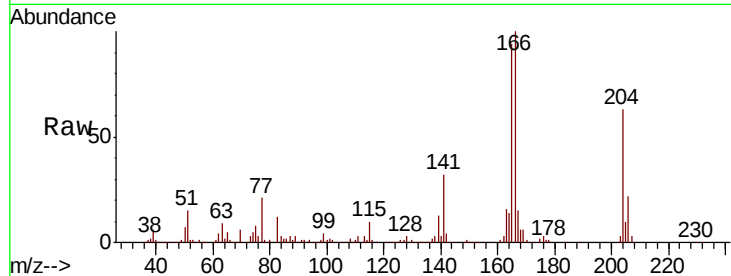
#61
 4-Chlorophenyl-phenylether
 Concen: 47.463 ng
 RT: 15.61 min Scan# 2130
 Delta R.T. 0.00 min
 Lab File: BG046508.D
 Acq: 2 Sep 2020 18:11

Instrument :
 BNA_G
 ClientSampleId :
 789UMR-DSP01-01MS

Tot Ion:	204	Resp:	420984
Ion Ratio	Lower	Upper	
204	100		
206	34.8	27.7	41.5
141	51.1	38.7	58.1

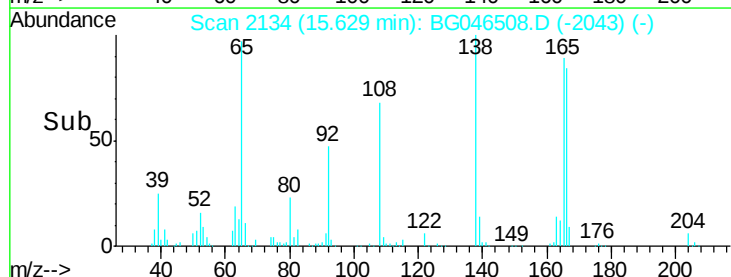
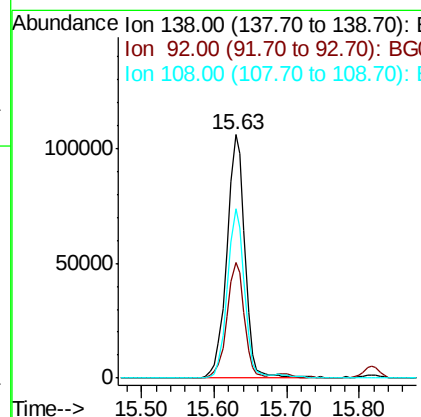
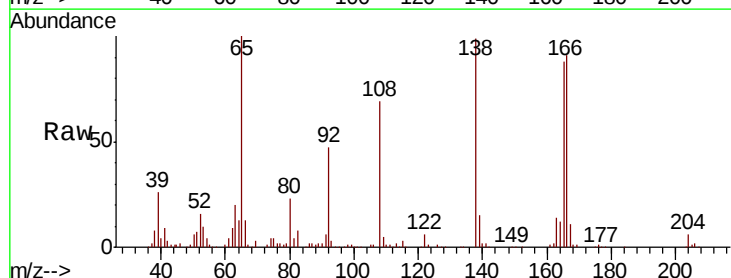
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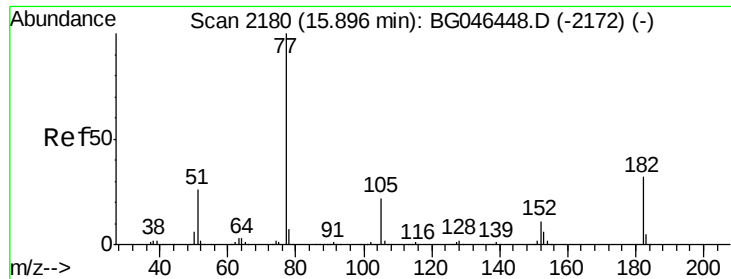
mohammad
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#62
 4-Nitroaniline
 Concen: 43.984 ng
 RT: 15.63 min Scan# 2134
 Delta R.T. 0.00 min
 Lab File: BG046508.D
 Acq: 2 Sep 2020 18:11

Tgt Ion:	138	Resp:	184867
Ion Ratio	Lower	Upper	
138	100		
92	47.6	25.3	65.3
108	69.5	46.7	86.7





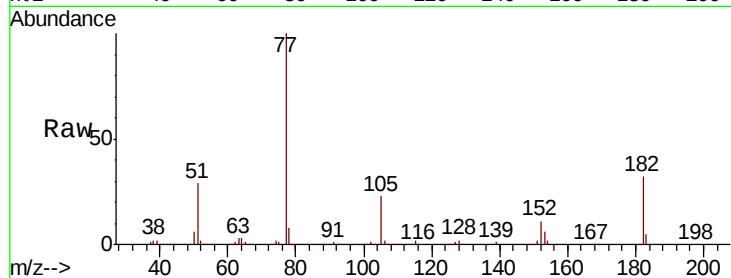
#63
Azobenzene
Concen: 50.760 ng
RT: 15.89 min Scan# 2179
Delta R.T. -0.00 min
Lab File: BG046508.D
Acq: 2 Sep 2020 18:11

Instrument :
BNA_G
ClientSampleId :
789UMR-DSP01-01MS

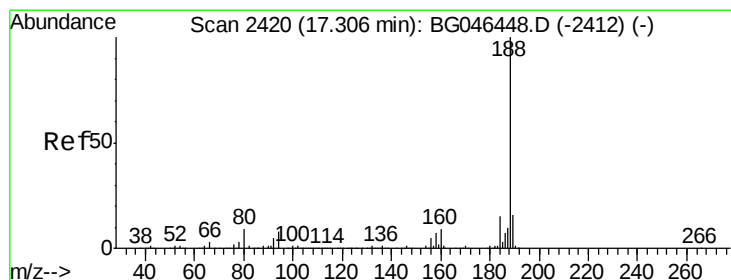
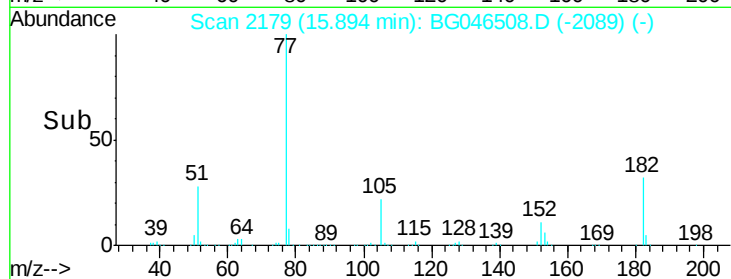
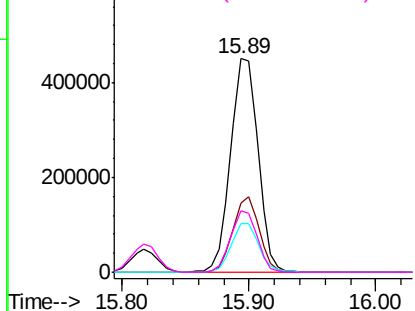
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		671596		
182	32.2	12.3	52.3		
105	22.7	2.3	42.3		
51	28.5	6.5	46.5		

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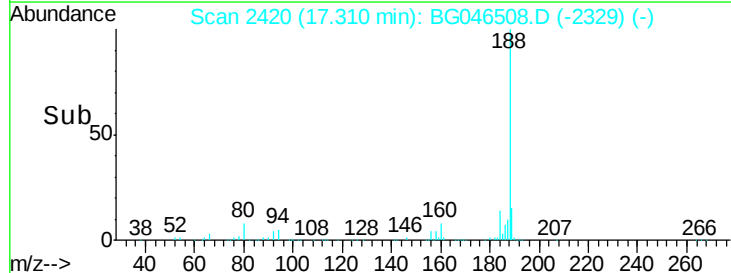
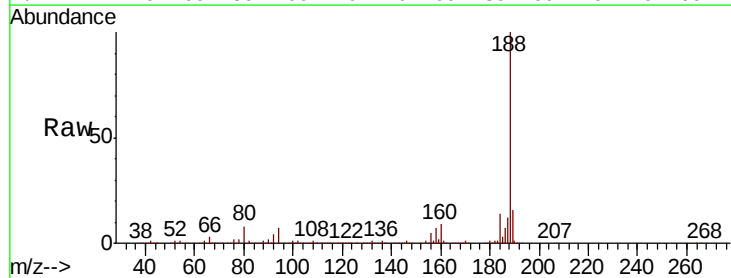
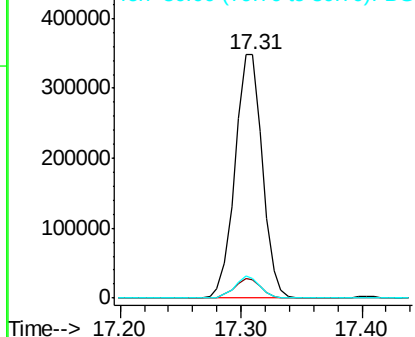
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

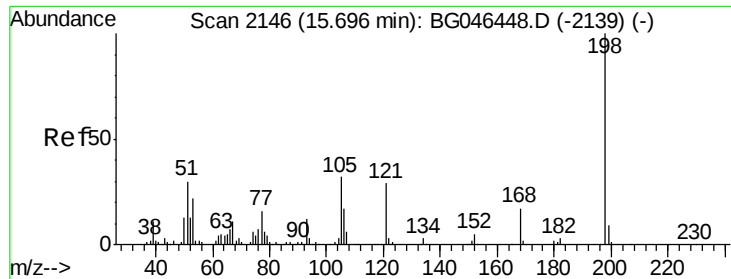


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2420
Delta R.T. 0.00 min
Lab File: BG046508.D
Acq: 2 Sep 2020 18:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		548833		
94	7.3	6.3	9.5		
80	8.1	6.9	10.3		

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





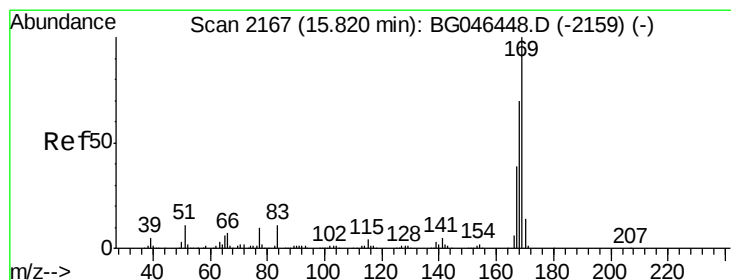
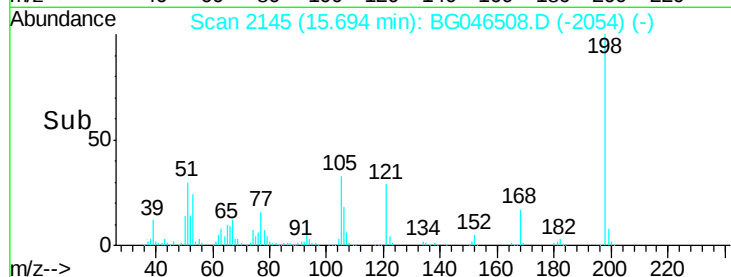
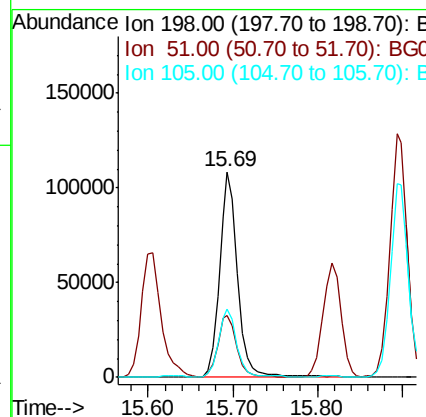
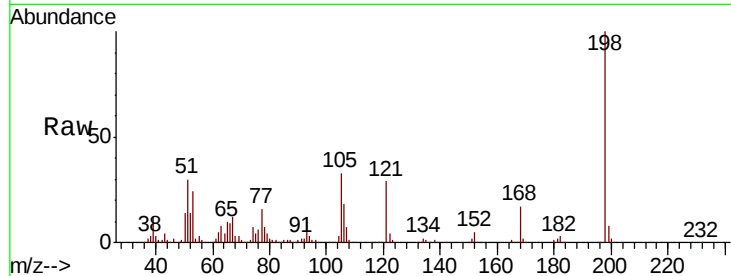
#65
4,6-Dinitro-2-methylphenol
Concen: 52.492 ng
RT: 15.69 min Scan# 2145
Delta R.T. 0.00 min
Lab File: BG046508.D
Acq: 2 Sep 2020 18:11

Instrument :
BNA_G
ClientSampleId :
789UMR-DSP01-01MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	163063		
51	30.3		10.4	50.4
105	33.4		12.4	52.4

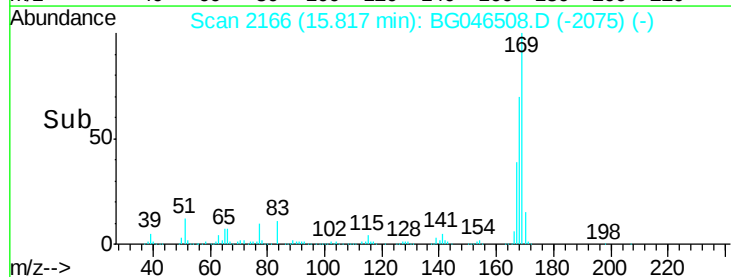
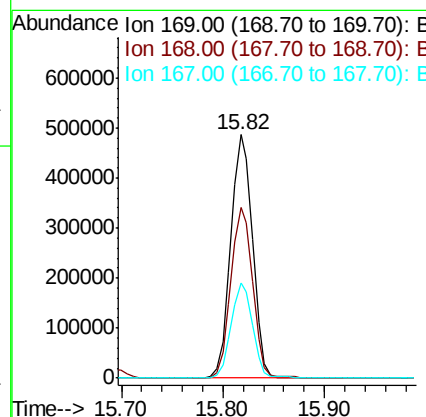
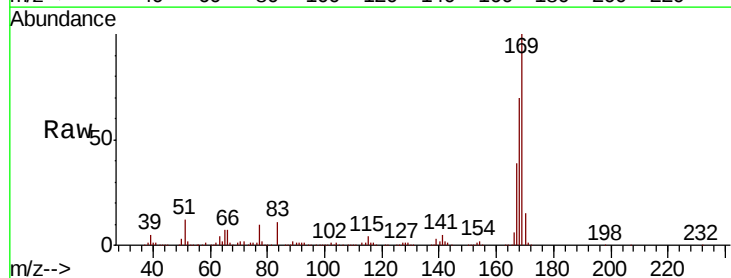
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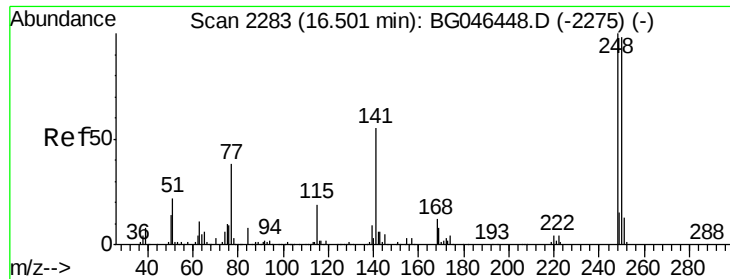
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#66
n-Nitrosodiphenylamine
Concen: 48.824 ng
RT: 15.82 min Scan# 2166
Delta R.T. 0.00 min
Lab File: BG046508.D
Acq: 2 Sep 2020 18:11

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	722906		
168	70.0		55.8	83.8
167	38.9		31.0	46.6





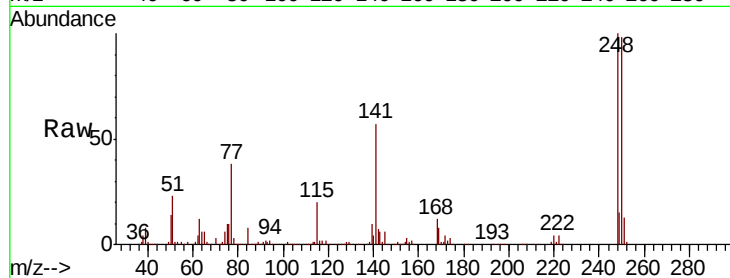
#67
4-Bromophenyl-phenylether
Concen: 47.074 ng
RT: 16.50 min Scan# 2282
Delta R.T. 0.00 min
Lab File: BG046508.D
Acq: 2 Sep 2020 18:11

Instrument :
BNA_G
ClientSampleId :
789UMR-DSP01-01MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.7	78.6	118.0
141	57.2	43.9	65.9

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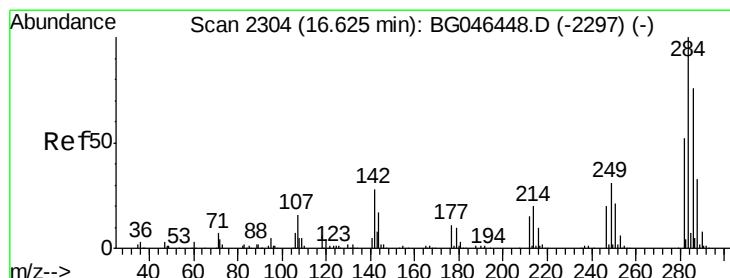
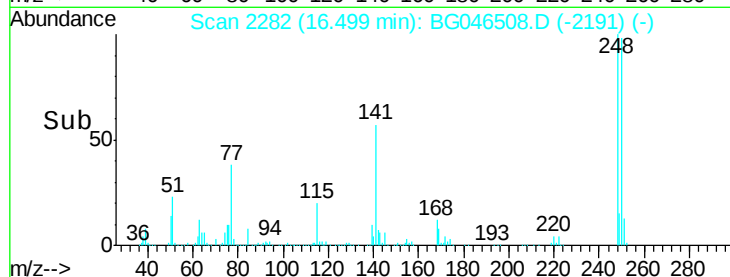
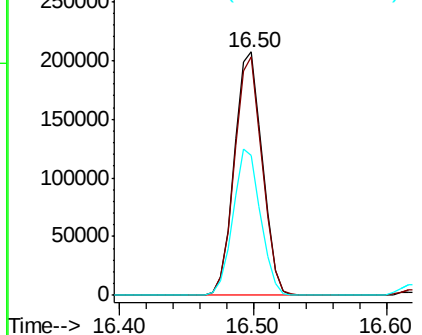


Abundance

Ion 248.00 (247.70 to 248.70): E

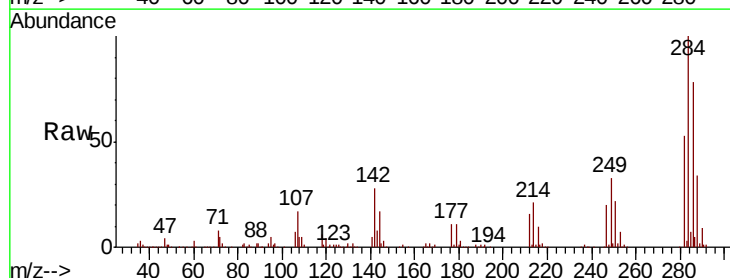
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 44.898 ng
RT: 16.62 min Scan# 2303
Delta R.T. -0.00 min
Lab File: BG046508.D
Acq: 2 Sep 2020 18:11

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.2	22.3	33.5
249	33.3	24.8	37.2

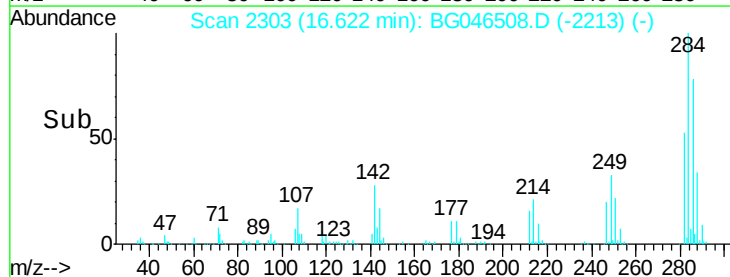
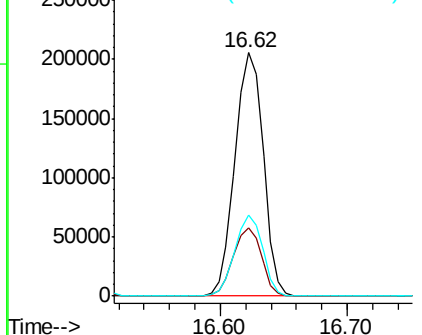


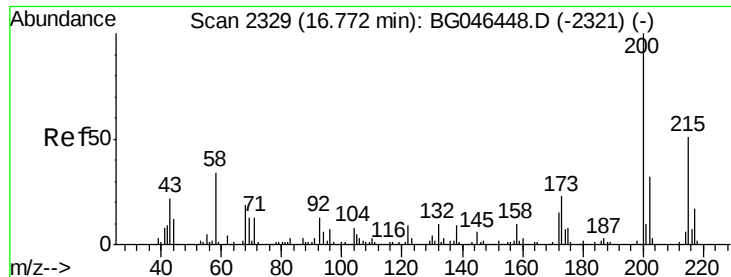
Abundance

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





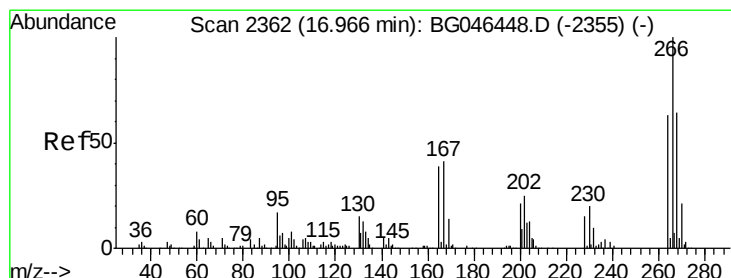
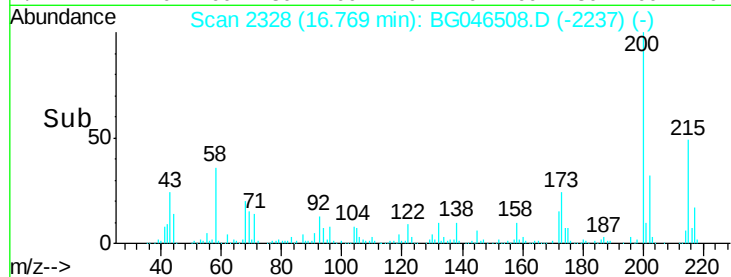
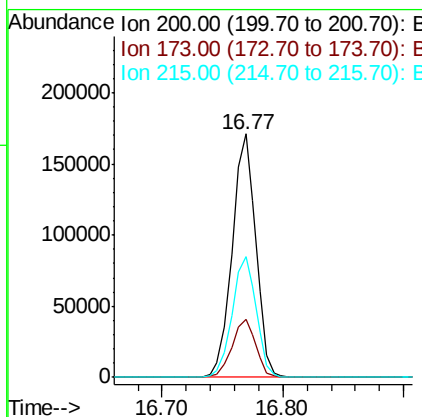
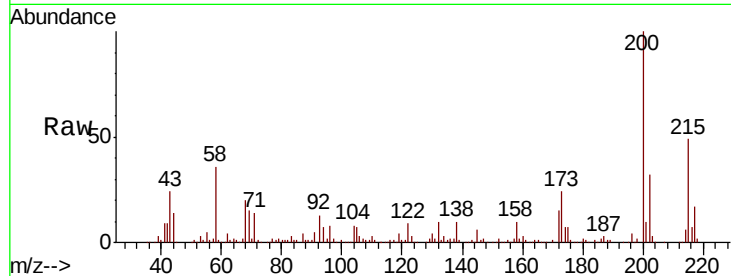
#69
Atrazine
Concen: 38.537 ng
RT: 16.77 min Scan# 2328
Delta R.T. 0.00 min
Lab File: BG046508.D
Acq: 2 Sep 2020 18:11

Instrument :
BNA_G
ClientSampleId :
789UMR-DSP01-01MS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	232776		
173	23.9	3.3	43.3	
215	49.5	30.9	70.9	

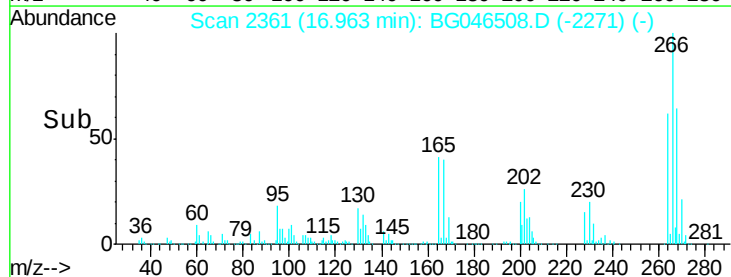
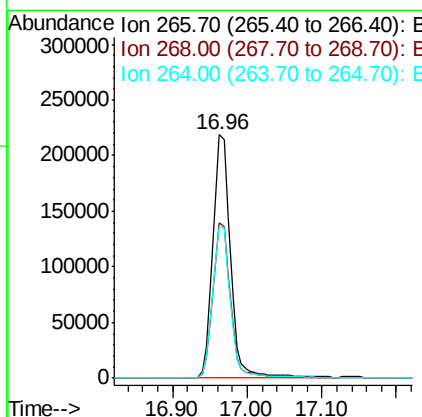
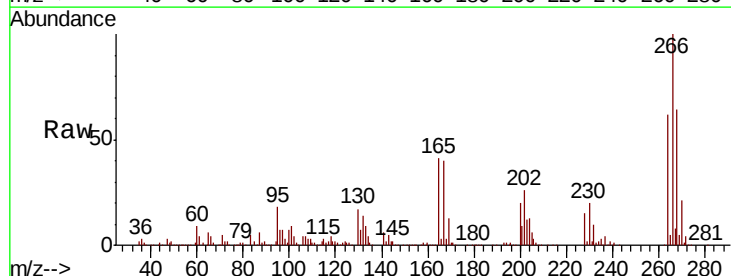
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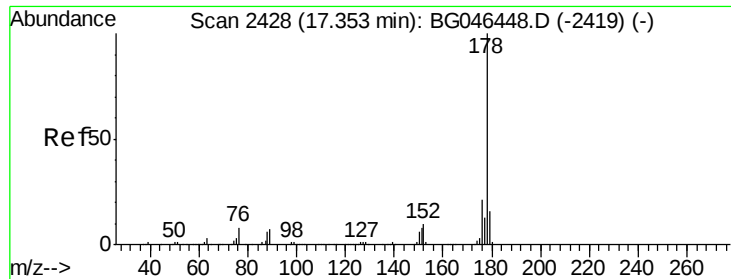
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#70
Pentachlorophenol
Concen: 97.544 ng
RT: 16.96 min Scan# 2361
Delta R.T. -0.00 min
Lab File: BG046508.D
Acq: 2 Sep 2020 18:11

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	361406		
268	64.0	51.1	76.7	
264	62.2	50.2	75.2	





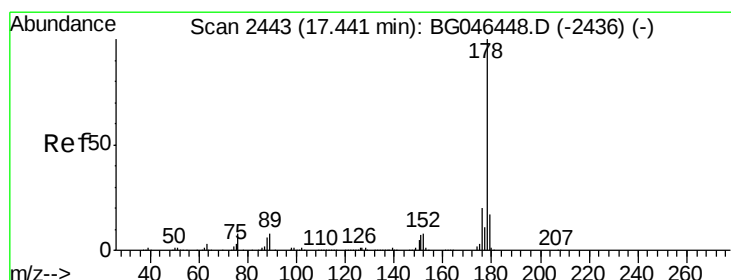
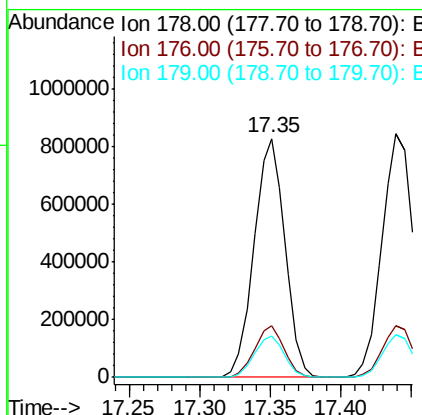
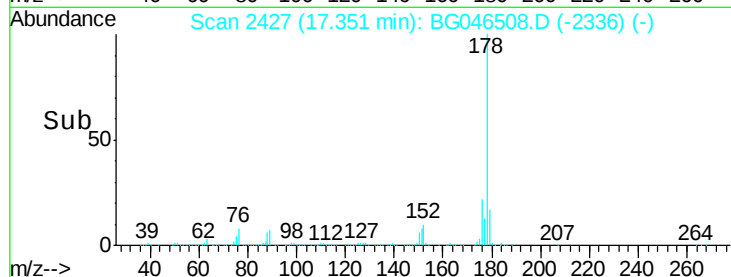
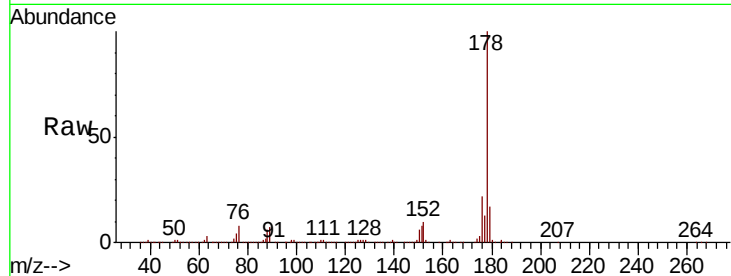
#71
Phenanthrene
Concen: 45.744 ng
RT: 17.35 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BG046508.D
Acq: 2 Sep 2020 18:11

Instrument :
BNA_G
ClientSampleId :
789UMR-DSP01-01MS

Tot Ion:178 Resp: 1272530
Ion Ratio Lower Upper
178 100
176 21.7 16.8 25.2
179 17.3 13.2 19.8

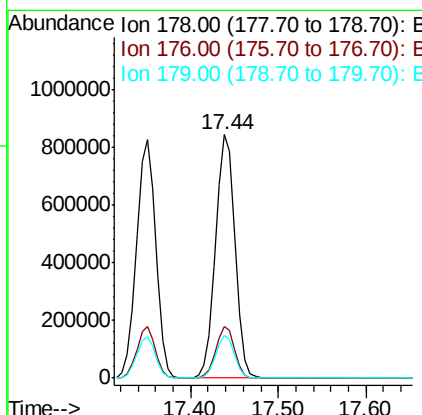
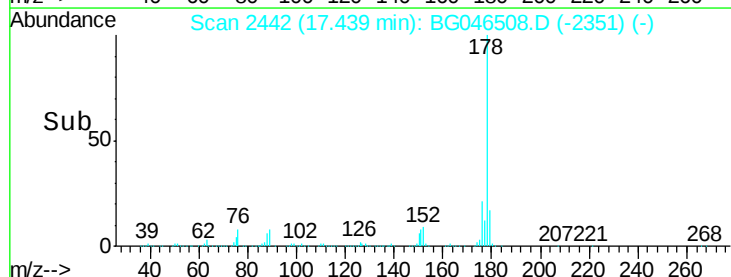
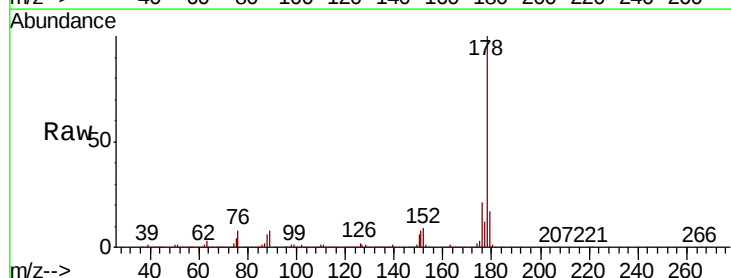
Manual Integrations
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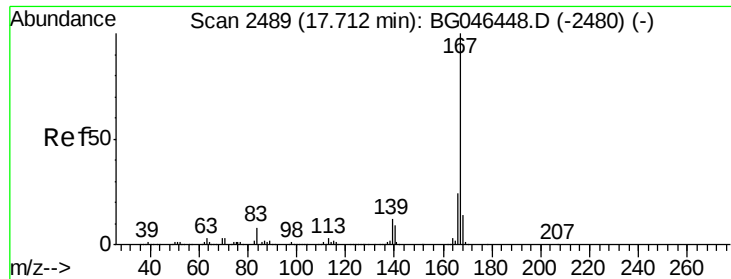
mohammad
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#72
Anthracene
Concen: 47.787 ng
RT: 17.44 min Scan# 2442
Delta R.T. 0.00 min
Lab File: BG046508.D
Acq: 2 Sep 2020 18:11

Tgt Ion:178 Resp: 1311587
Ion Ratio Lower Upper
178 100
176 21.0 16.1 24.1
179 17.5 13.3 19.9





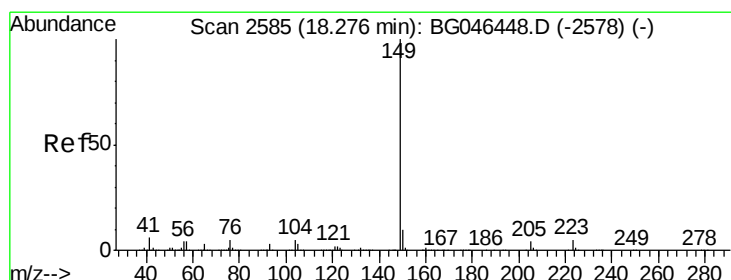
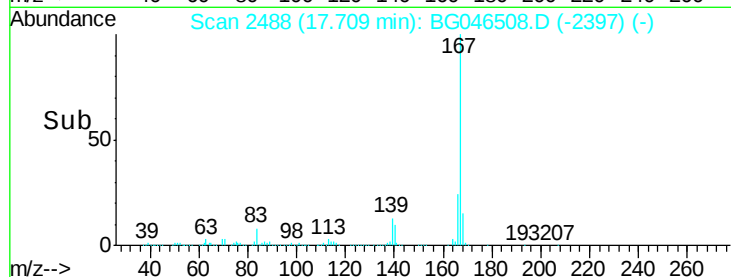
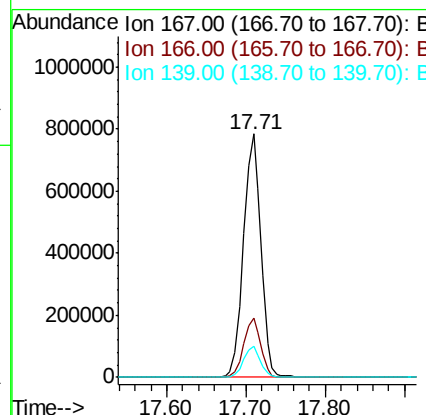
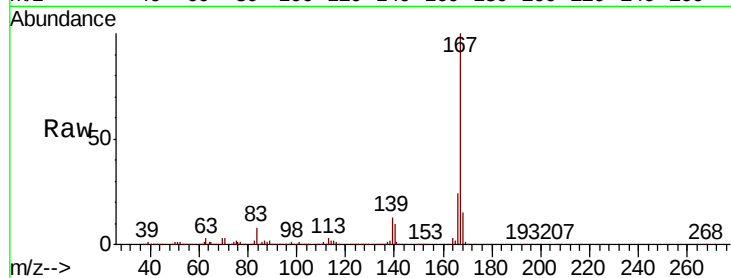
#73
 Carbazole
 Concen: 45.984 ng
 RT: 17.71 min Scan# 2488
 Delta R.T. 0.00 min
 Lab File: BG046508.D
 Acq: 2 Sep 2020 18:11

Instrument :
 BNA_G
 ClientSampleId :
 789UMR-DSP01-01MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.2	19.3	28.9
139	12.6	9.7	14.5

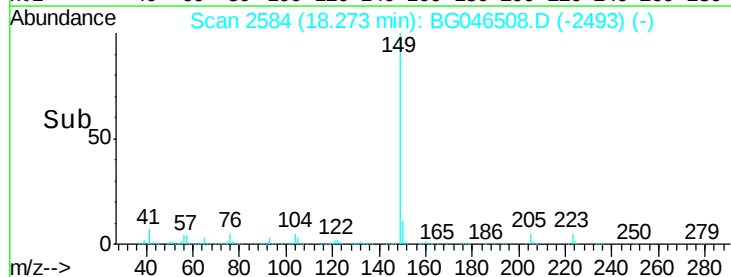
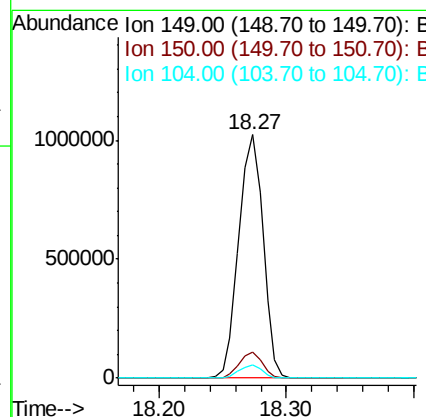
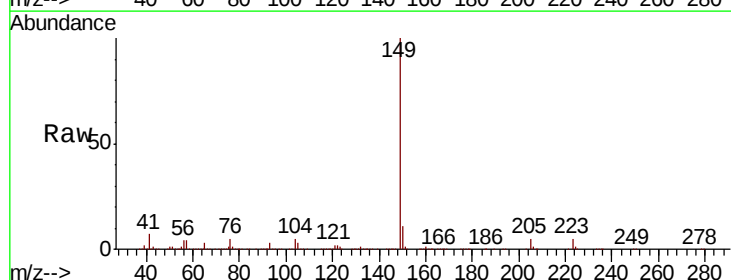
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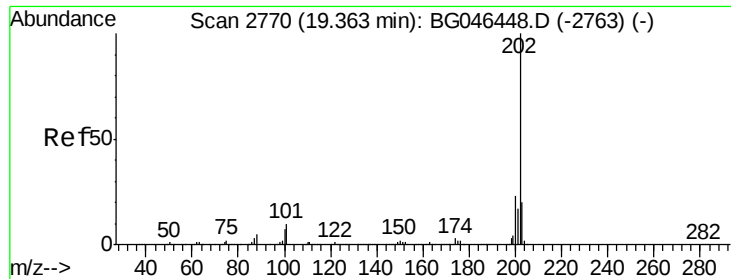
mohammad
 9/3/2020 1:47:44 PM



#74
 Di-n-butylphthalate
 Concen: 45.498 ng
 RT: 18.27 min Scan# 2584
 Delta R.T. 0.00 min
 Lab File: BG046508.D
 Acq: 2 Sep 2020 18:11

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.7	8.1	12.1
104	5.2	4.0	6.0





#75

Fluoranthene

Concen: 43.548 ng

RT: 19.36 min Scan# 2769

Delta R.T. 0.00 min

Lab File: BG046508.D

Acq: 2 Sep 2020 18:11

Instrument :

BNA_G

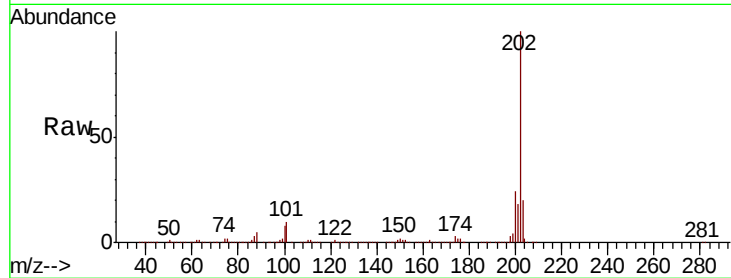
ClientSampleId :

789UMR-DSP01-01MS

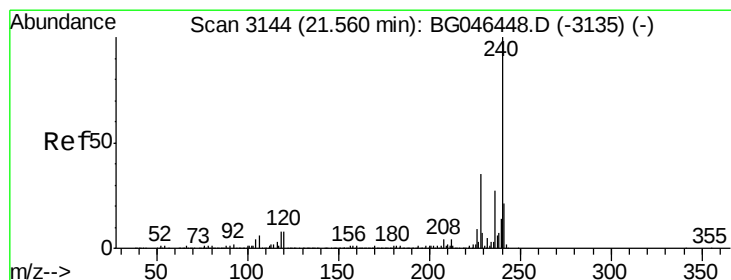
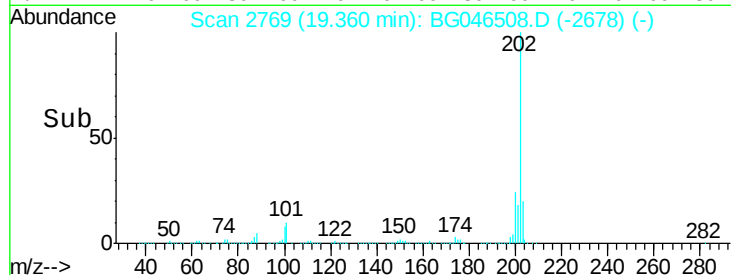
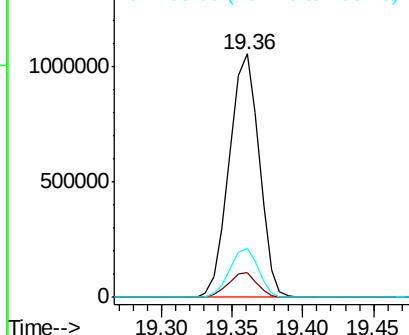
Tot Ion:	202	Resp:	1559024
Ion Ratio	Lower	Upper	
202	100		
101	10.0	0.0	29.9
203	20.3	0.0	40.0

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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

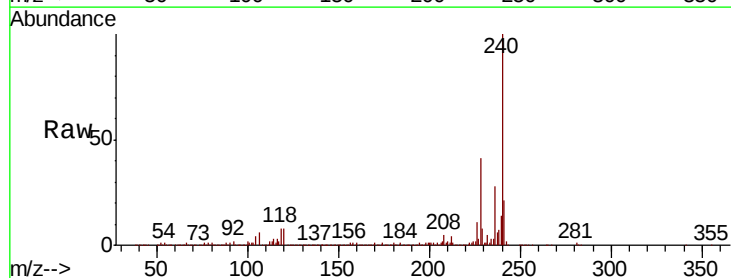
RT: 21.56 min Scan# 3143

Delta R.T. 0.00 min

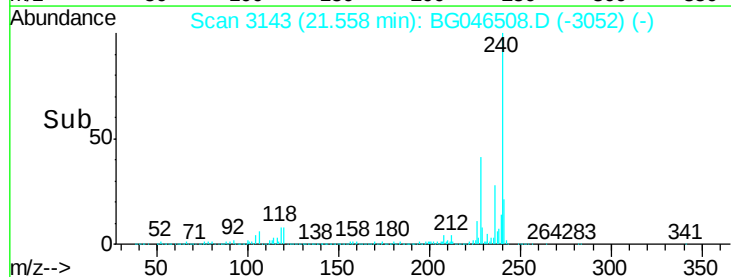
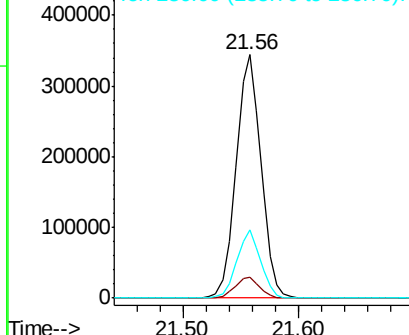
Lab File: BG046508.D

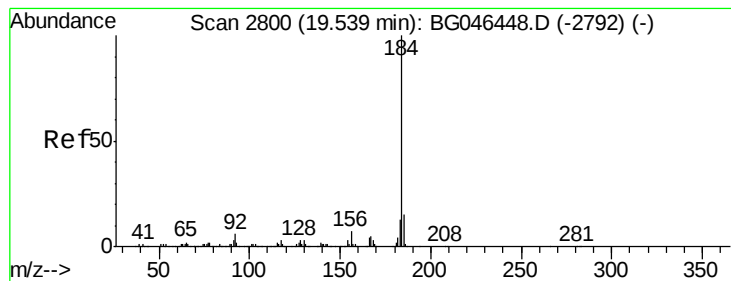
Acq: 2 Sep 2020 18:11

Tgt Ion:	240	Resp:	512583
Ion Ratio	Lower	Upper	
240	100		
120	8.4	6.6	10.0
236	27.8	21.4	32.2



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





#77

Benzidine

Concen: 26.306 ng

RT: 19.54 min Scan# 2799

Delta R.T. 0.00 min

Lab File: BG046508.D

Acq: 2 Sep 2020 18:11

Instrument :

BNA_G

ClientSampleId :

789UMR-DSP01-01MS

Tot Ion:184 Resp: 313322

Ion Ratio Lower Upper

184 100

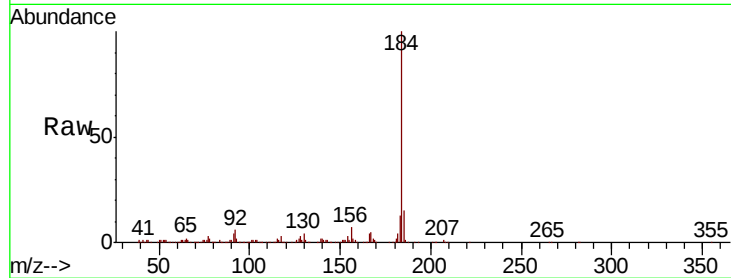
185 15.1 11.8 17.8

183 12.7 10.7 16.1

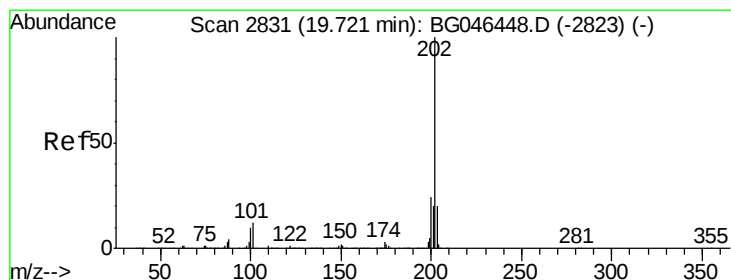
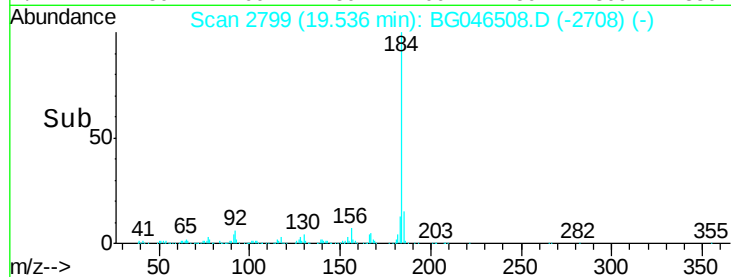
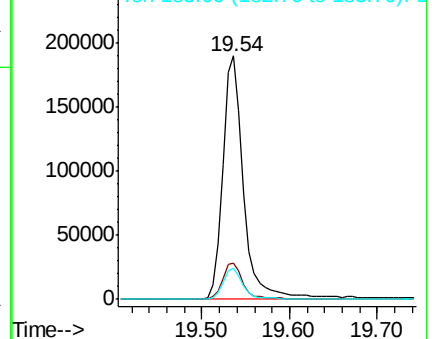
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 47.592 ng

RT: 19.72 min Scan# 2830

Delta R.T. 0.00 min

Lab File: BG046508.D

Acq: 2 Sep 2020 18:11

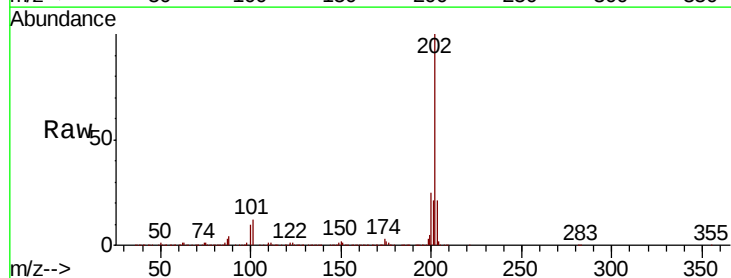
Tgt Ion:202 Resp: 1553427

Ion Ratio Lower Upper

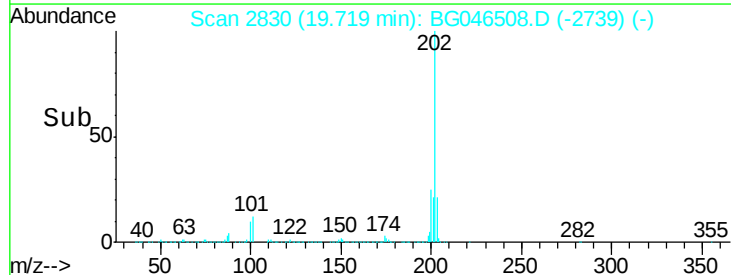
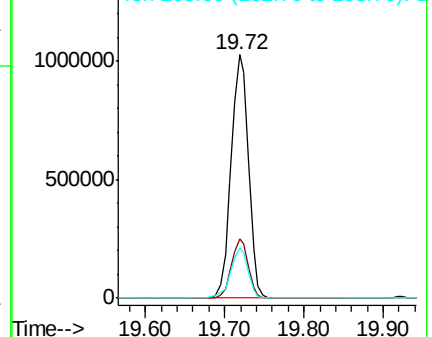
202 100

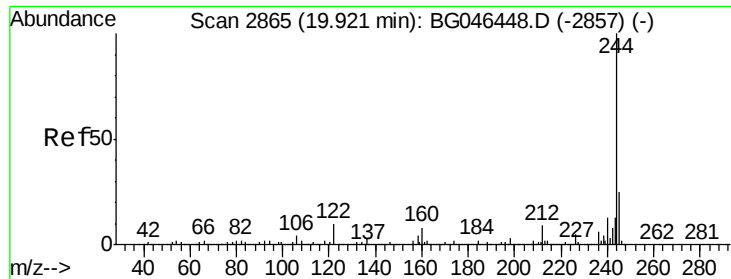
200 24.6 18.9 28.3

203 20.7 16.1 24.1



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





#79

Terphenyl-d14

Concen: 77.805 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG046508.D

Acq: 2 Sep 2020 18:11

Instrument :

BNA_G

ClientSampleId :

789UMR-DSP01-01MS

Tot Ion:244 Resp: 1873981

Ion Ratio Lower Upper

244 100

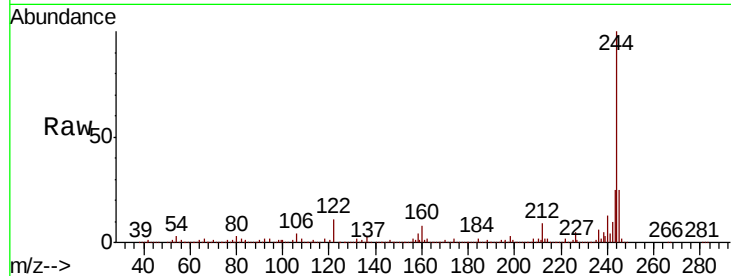
212 9.0 6.9 10.3

122 10.6 8.2 12.4

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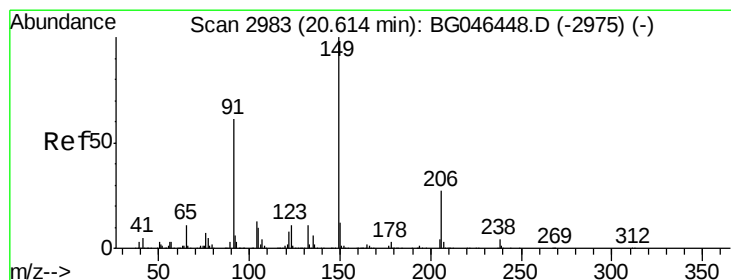
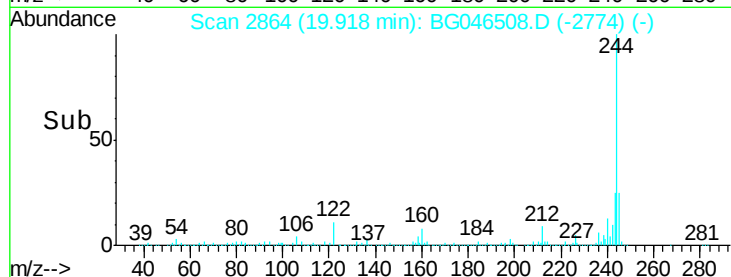
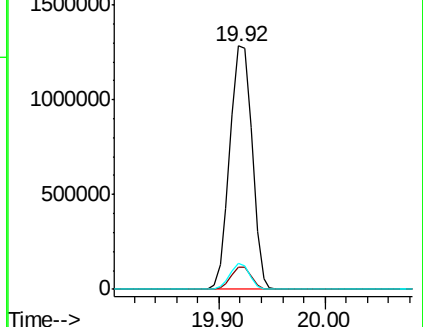
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 48.094 ng

RT: 20.61 min Scan# 2982

Delta R.T. 0.00 min

Lab File: BG046508.D

Acq: 2 Sep 2020 18:11

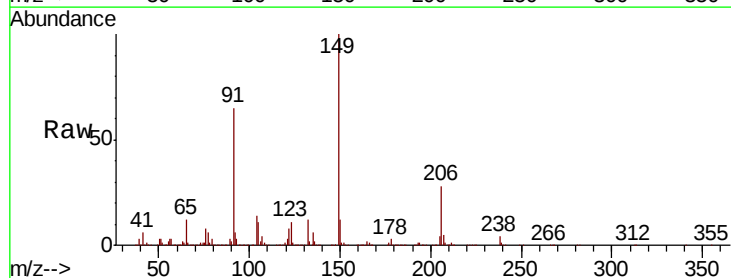
Tgt Ion:149 Resp: 612319

Ion Ratio Lower Upper

149 100

91 65.1 49.1 73.7

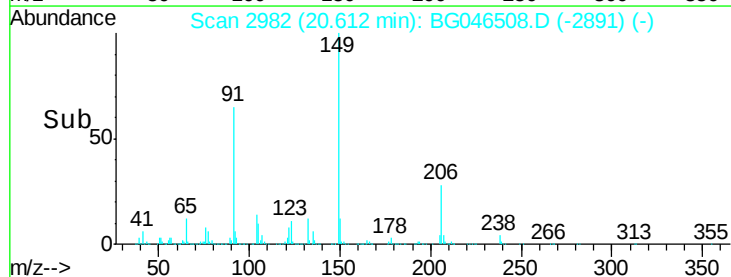
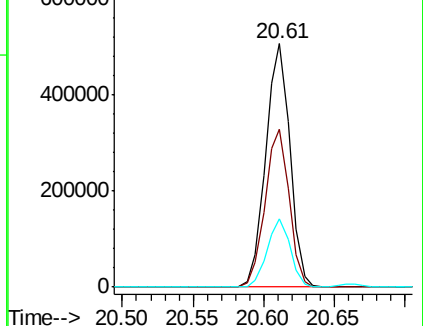
206 28.0 21.9 32.9

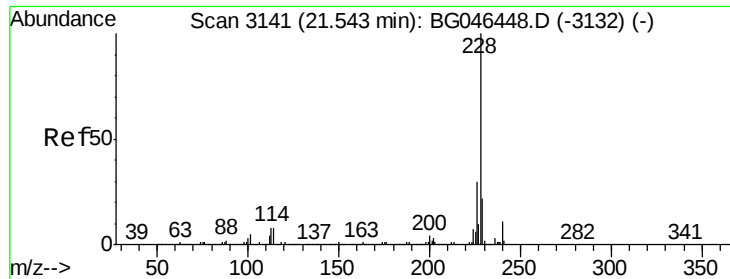


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





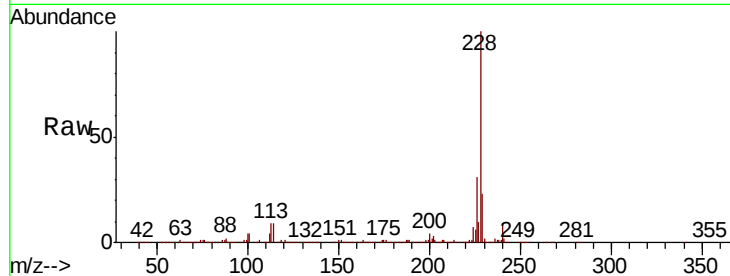
#81
Benzo(a)anthracene
Concen: 46.680 ng
RT: 21.54 min Scan# 3140
Delta R.T. 0.00 min
Lab File: BG046508.D
Acq: 2 Sep 2020 18:11

Instrument :
BNA_G
ClientSampleId :
789UMR-DSP01-01MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.2	36.4
229	22.7	17.4	26.2

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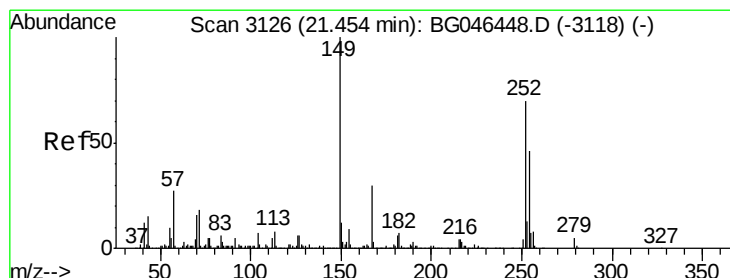
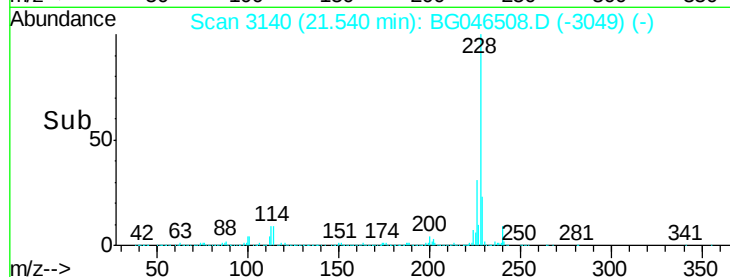
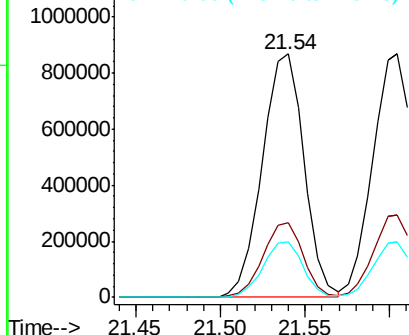


Abundance

Ion 228.00 (227.70 to 228.70): E

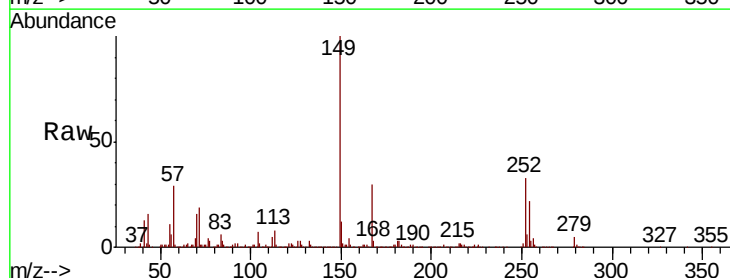
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 24.335 ng
RT: 21.45 min Scan# 3125
Delta R.T. -0.00 min
Lab File: BG046508.D
Acq: 2 Sep 2020 18:11

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.5	51.9	77.9
126	8.2	7.4	11.0

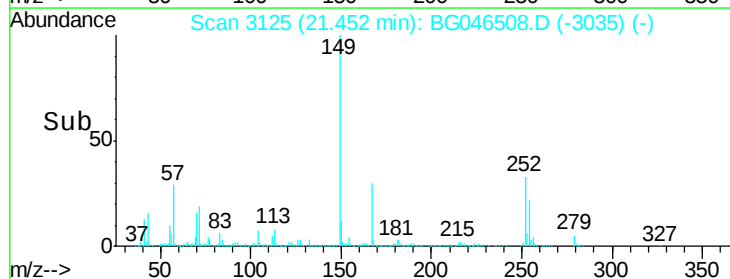
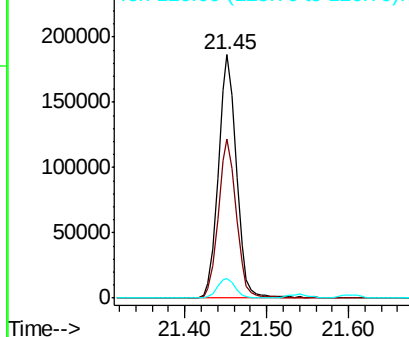


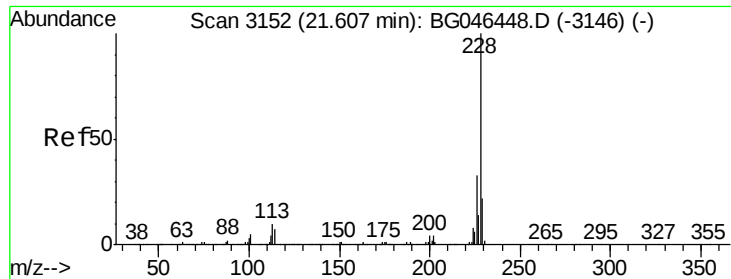
Abundance

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





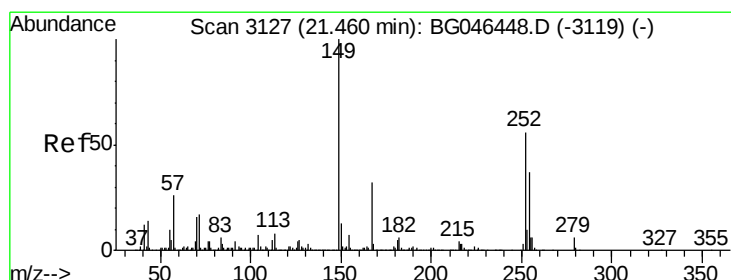
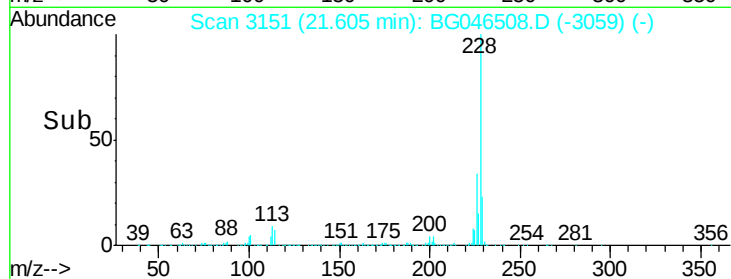
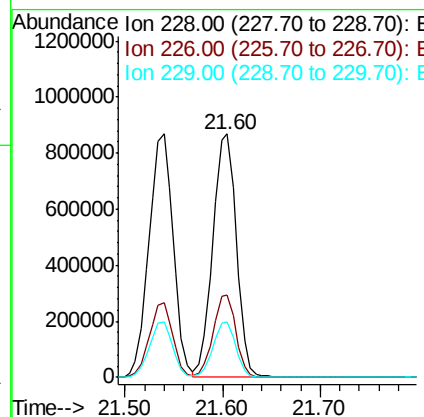
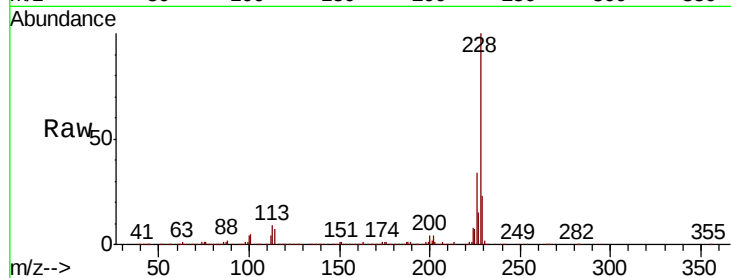
#83
 Chrysene
 Concen: 47.287 ng
 RT: 21.60 min Scan# 3151
 Delta R.T. 0.01 min
 Lab File: BG046508.D
 Acq: 2 Sep 2020 18:11

Instrument :
 BNA_G
 ClientSampleId :
 789UMR-DSP01-01MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	34.0	26.2	39.4
229	22.7	17.9	26.9

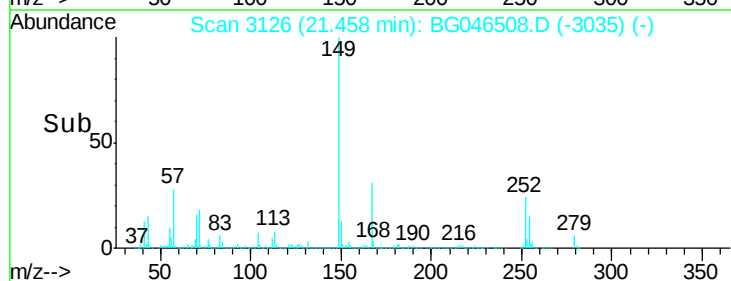
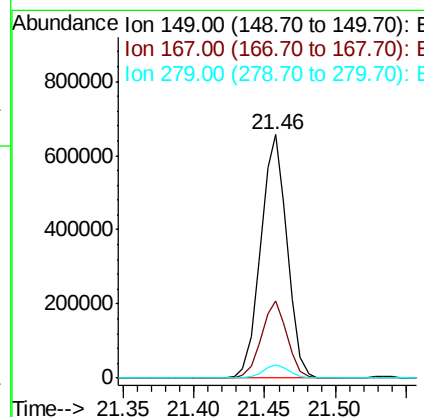
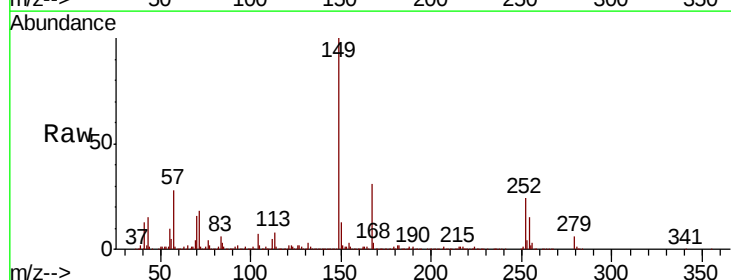
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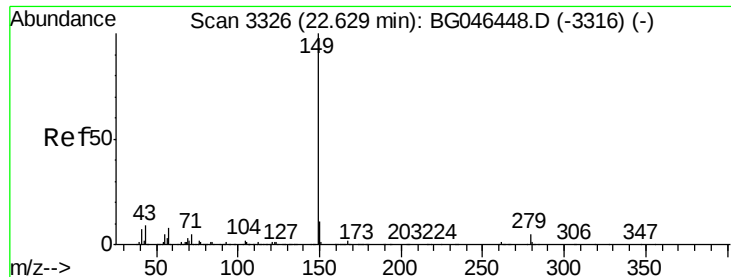
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 49.538 ng
 RT: 21.46 min Scan# 3126
 Delta R.T. 0.00 min
 Lab File: BG046508.D
 Acq: 2 Sep 2020 18:11

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.5	25.4	38.2
279	5.7	4.5	6.7





#85

Di-n-octyl phthalate

Concen: 50.150 ng

RT: 22.63 min Scan# 3325

Delta R.T. 0.00 min

Lab File: BG046508.D

Acq: 2 Sep 2020 18:11

Instrument :

BNA_G

ClientSampleId :

789UMR-DSP01-01MS

Tot Ion:149 Resp: 1491986

Ion Ratio Lower Upper

149 100

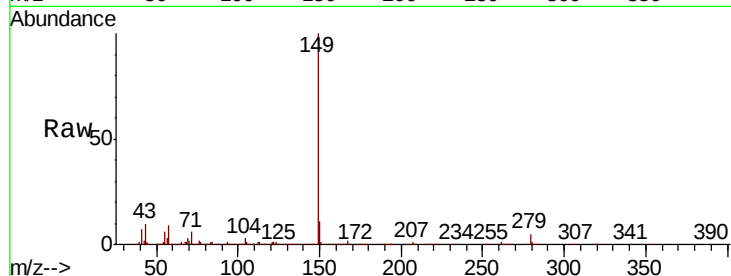
167 1.9 1.5 2.3

43 9.2 7.0 10.4

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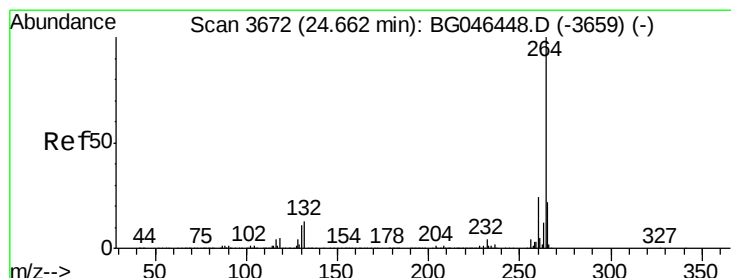
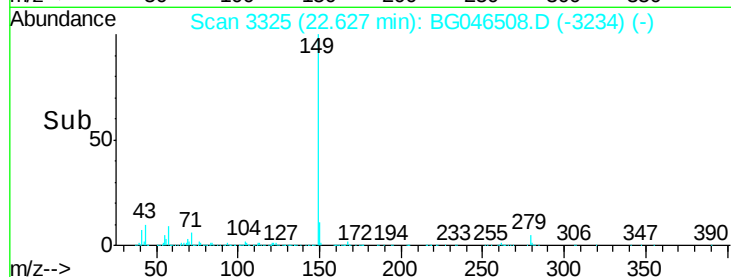
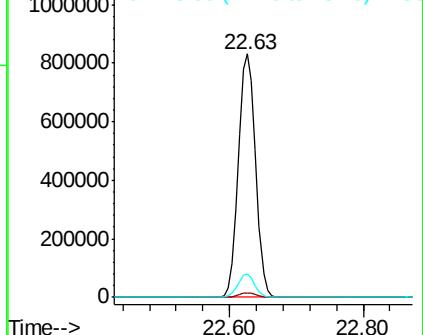
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.66 min Scan# 3671

Delta R.T. 0.00 min

Lab File: BG046508.D

Acq: 2 Sep 2020 18:11

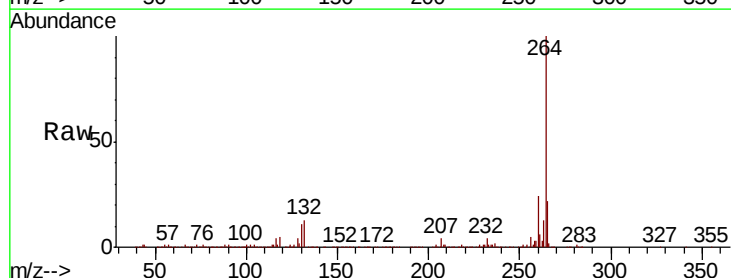
Tgt Ion:264 Resp: 554800

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

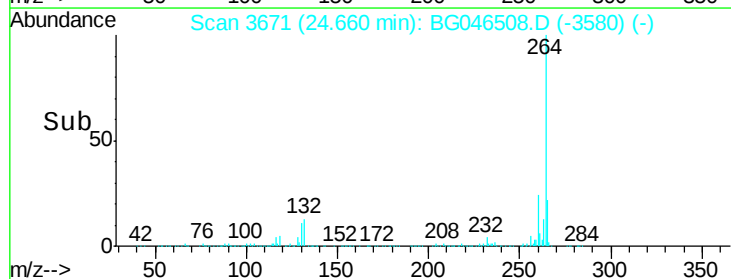
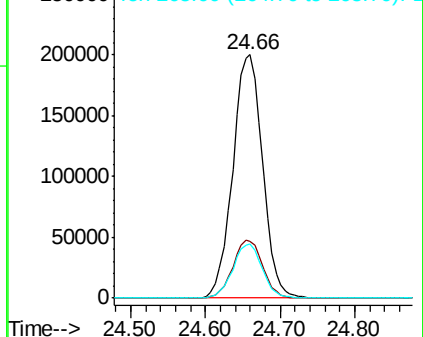
265 22.4 17.9 26.9

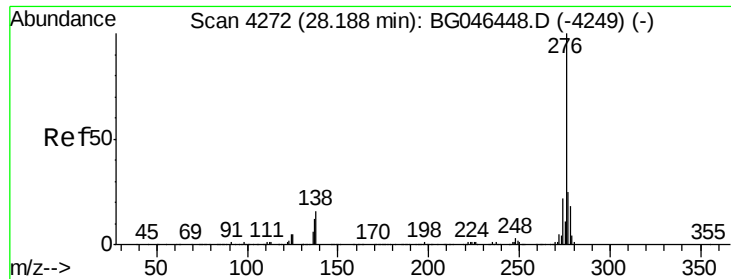


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





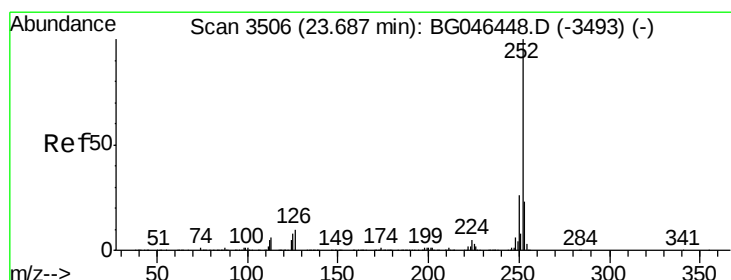
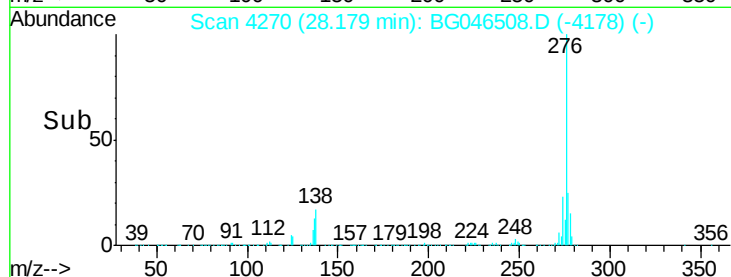
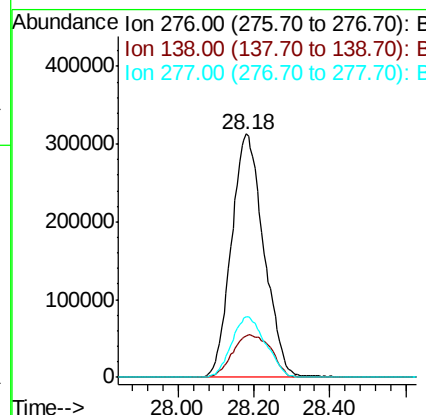
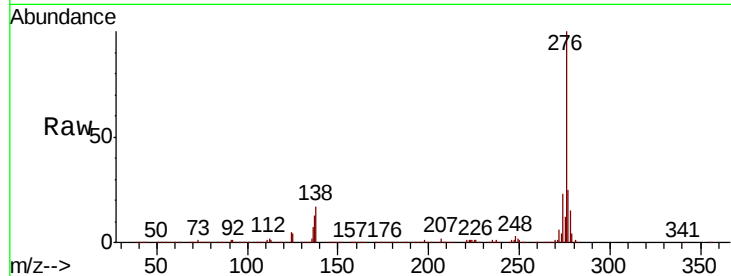
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 46.889 ng
 RT: 28.18 min Scan# 4270
 Delta R.T. 0.01 min
 Lab File: BG046508.D
 Acq: 2 Sep 2020 18:11

Instrument :
 BNA_G
 ClientSampleId :
 789UMR-DSP01-01MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.7	16.5	24.7
277	26.2	20.7	31.1

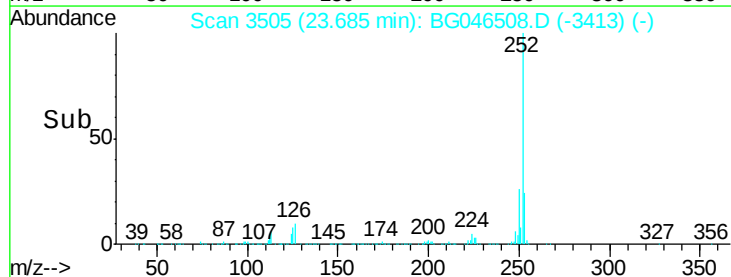
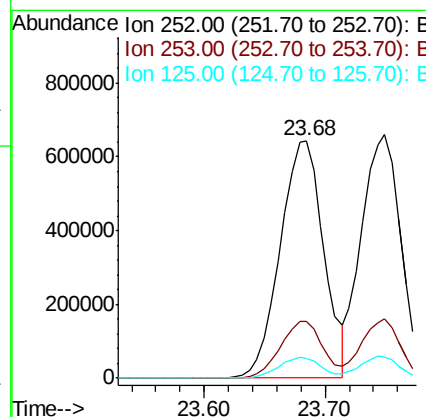
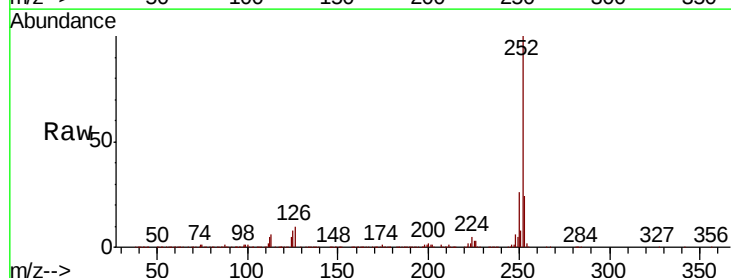
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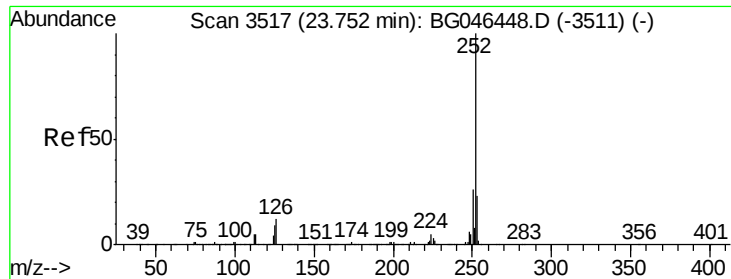
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 46.298 ng
 RT: 23.68 min Scan# 3505
 Delta R.T. 0.01 min
 Lab File: BG046508.D
 Acq: 2 Sep 2020 18:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.2	27.4
125	8.3	6.2	9.2





#89

Benzo(k)fluoranthene

Concen: 44.902 ng

RT: 23.75 min Scan# 3516

Delta R.T. 0.00 min

Lab File: BG046508.D

Acq: 2 Sep 2020 18:11

Instrument :

BNA_G

ClientSampleId :

789UMR-DSP01-01MS

Tot Ion:252 Resp: 1503340

Ion Ratio Lower Upper

252 100

253 24.3 18.5 27.7

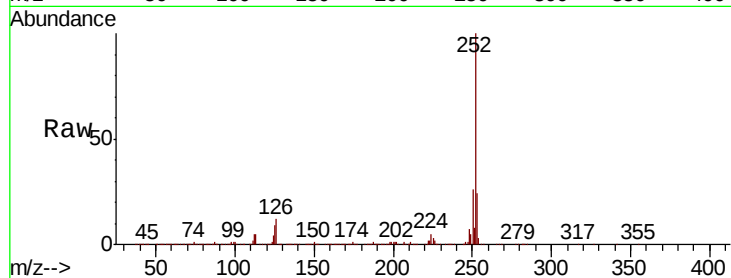
125 8.7 6.8 10.2

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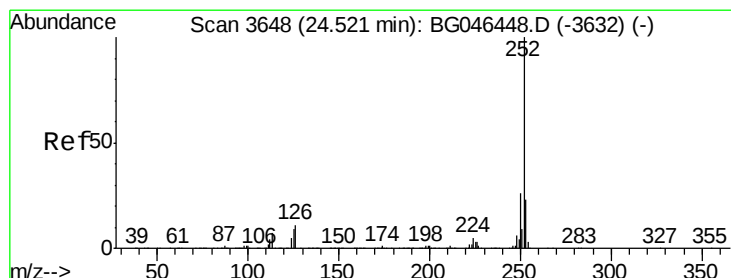
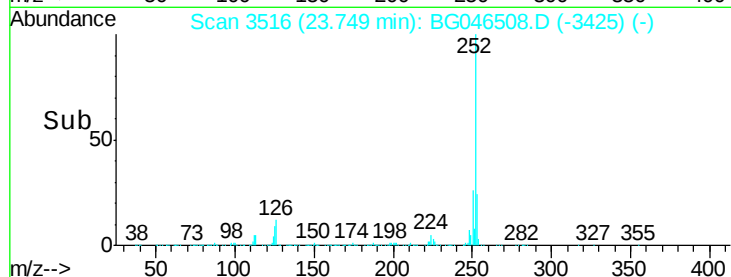
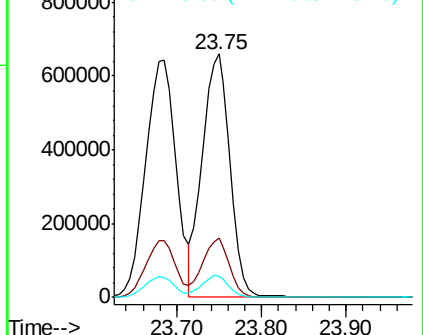
9/3/2020 1:47:44 PM



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 44.852 ng

RT: 24.52 min Scan# 3647

Delta R.T. 0.01 min

Lab File: BG046508.D

Acq: 2 Sep 2020 18:11

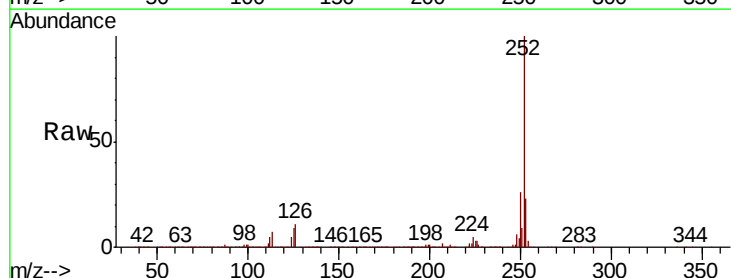
Tgt Ion:252 Resp: 1450027

Ion Ratio Lower Upper

252 100

253 23.0 18.2 27.4

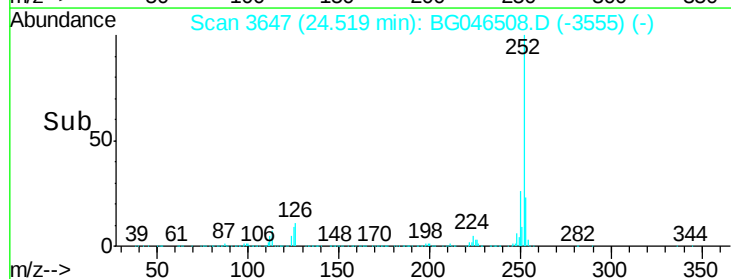
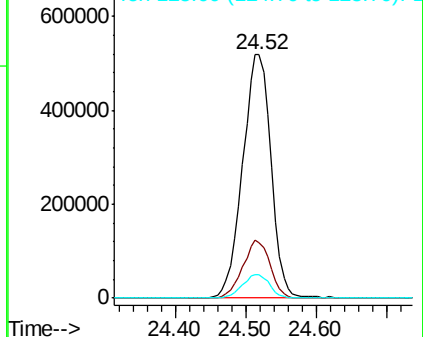
125 9.5 7.4 11.0

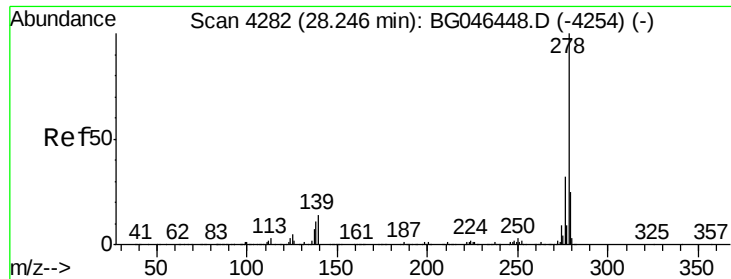


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





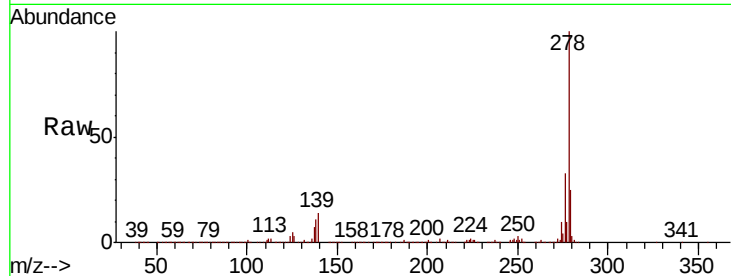
#91
Dibenzo(a,h)anthracene
Concen: 47.434 ng
RT: 28.24 min Scan# 4280
Delta R.T. 0.01 min
Lab File: BG046508.D
Acq: 2 Sep 2020 18:11

Instrument :
BNA_G
ClientSampleId :
789UMR-DSP01-01MS

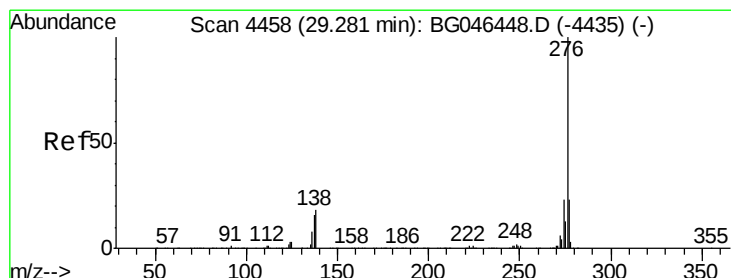
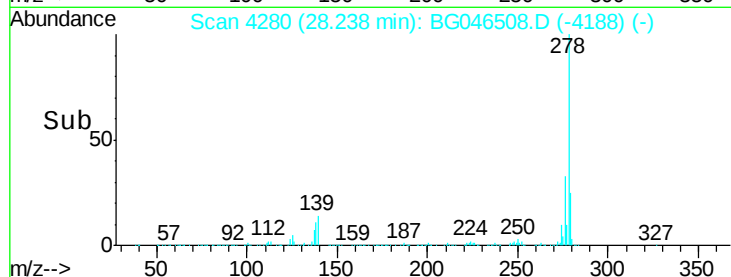
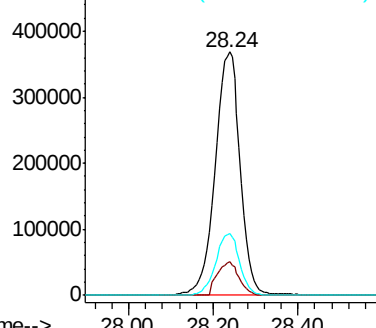
Tot Ion	Ratio	Lower	Upper
278	100		
139	13.6	11.2	16.8
279	25.3	19.8	29.8

Manual Integrations
APPROVED

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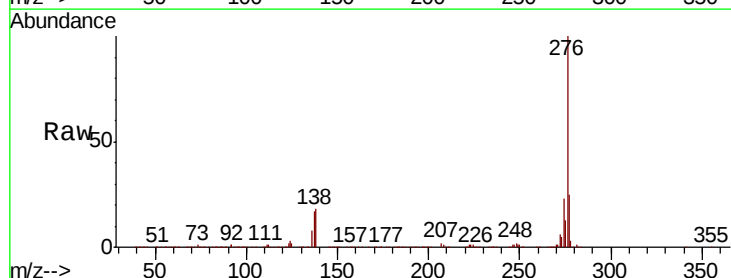


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 48.452 ng
RT: 29.28 min Scan# 4458
Delta R.T. 0.01 min
Lab File: BG046508.D
Acq: 2 Sep 2020 18:11

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.7	28.1
138	17.6	14.7	22.1



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

