

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031120\
 Data File : BG044720.D
 Acq On : 11 Mar 2020 14:50
 Operator : CG/JU
 Sample : PB127319BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB127319BSD

Manual Integrations
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 3/16/2020 1:46:28 PM

Quant Time: Mar 12 02:04:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 10 16:27:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	118589	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	483810	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	331220	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	743449	20.00	ng	0.00
76) Chrysene-d12	21.71	240	645328	20.00	ng	0.00
87) Perylene-d12	24.93	264	664852	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	939401	123.31	ng	0.01
7) Phenol-d6	7.22	99	1320356	119.29	ng	0.00
23) Nitrobenzene-d5	9.22	82	731862	66.38	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	481896	111.12	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1499955	64.85	ng	0.00
79) Terphenyl-d14	20.05	244	2236363	64.82	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	124166	33.847	ng	97
3) Pyridine	3.92	79	306226	28.198	ng	98
4) n-Nitrosodimethylamine	3.83	42	164151	39.838	ng	# 100
6) Aniline	7.38	93	457170	33.194	ng	96
8) 2-Chlorophenol	7.63	128	349381	45.943	ng	98
9) Benzaldehyde	7.19	77	158556	20.075	ng	90
10) Phenol	7.24	94	501300	45.747	ng	97
11) bis(2-Chloroethyl)ether	7.48	93	354421	40.526	ng	98
12) 1,3-Dichlorobenzene	7.95	146	351287	37.499	ng	95
13) 1,4-Dichlorobenzene	8.10	146	353293	38.147	ng	99
14) 1,2-Dichlorobenzene	8.42	146	335927	38.245	ng	92
15) Benzyl Alcohol	8.30	79	381678	42.978	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.60	45	582445	37.739	ng	99
17) 2-Methylphenol	8.50	107	333714	44.958	ng	89
18) Hexachloroethane	9.15	117	139476	38.252	ng	97
19) n-Nitroso-di-n-propylamine	8.87	70	312537	39.989	ng	97
20) 3+4-Methylphenols	8.83	107	457709	44.732	ng	99
22) Acetophenone	8.88	105	548710	40.033	ng	99
24) Nitrobenzene	9.26	77	461600	40.349	ng	99
25) Isophorone	9.79	82	853891	39.682	ng	98
26) 2-Nitrophenol	9.98	139	173851	44.259	ng	96
27) 2,4-Dimethylphenol	10.04	122	345436	49.295	ng	98
28) bis(2-Chloroethoxy)methane	10.28	93	495070	38.552	ng	96
29) 2,4-Dichlorophenol	10.52	162	353928	43.242	ng	98
30) 1,2,4-Trichlorobenzene	10.73	180	378041	38.628	ng	97
31) Naphthalene	10.92	128	1065966	39.774	ng	99
32) Benzoic acid	10.18	122	227057	42.884	ng	88
33) 4-Chloroaniline	11.02	127	260819	21.601	ng	99
34) Hexachlorobutadiene	11.22	225	240289	37.335	ng	94
35) Caprolactam	11.79	113	132763m	42.841	ng	
36) 4-Chloro-3-methylphenol	12.14	107	415889	42.604	ng	99
37) 2-Methylnaphthalene	12.53	142	800238	39.916	ng	99
38) 1-Methylnaphthalene	12.74	142	761288	40.391	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	409108	37.505	ng	99

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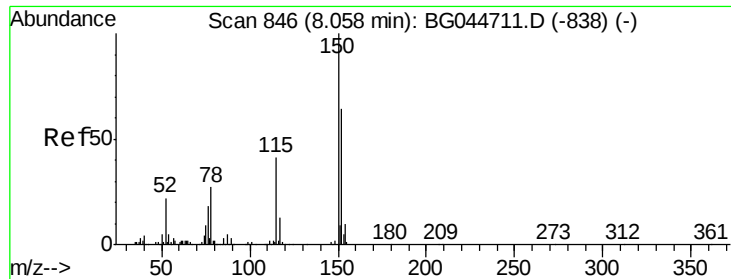
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	495825	83.174	nq	95
43) 2,4,6-Trichlorophenol	13.13	196	300671	41.534	nq	96
44) 2,4,5-Trichlorophenol	13.20	196	312438	41.617	nq	99
46) 1,1'-Biphenyl	13.53	154	990008	37.403	nq	96
47) 2-Chloronaphthalene	13.57	162	765322	37.850	nq	98
48) 2-Nitroaniline	13.76	65	281306	39.739	nq	98
49) Acenaphthylene	14.42	152	1247538	39.383	nq	99
50) Dimethylphthalate	14.15	163	1012980	38.399	nq	98
51) 2,6-Dinitrotoluene	14.26	165	221442	41.645	nq	97
52) Acenaphthene	14.76	154	881168	42.475	nq	100
53) 3-Nitroaniline	14.58	138	168571	27.574	nq	95
54) 2,4-Dinitrophenol	14.79	184	219580	79.126	nq	# 71
55) Dibenzofuran	15.09	168	1179660	39.212	nq	99
56) 4-Nitrophenol	14.89	139	415606	89.077	nq	99
57) 2,4-Dinitrotoluene	15.05	165	310697	42.604	nq	# 95
58) Fluorene	15.75	166	956704	38.659	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.32	232	288243m	41.703	nq	
60) Diethylphthalate	15.52	149	1045996	38.016	nq	99
61) 4-Chlorophenyl-phenylether	15.74	204	514838	38.636	nq	97
62) 4-Nitroaniline	15.75	138	233130	35.762	nq	97
63) Azobenzene	16.03	77	1098887	38.460	nq	98
65) 4,6-Dinitro-2-methylphenol	15.81	198	158442	45.725	nq	93
66) n-Nitrosodiphenylamine	15.95	169	875931	39.134	nq	98
67) 4-Bromophenyl-phenylether	16.63	248	355855	38.288	nq	97
68) Hexachlorobenzene	16.75	284	371614	36.855	nq	97
69) Atrazine	16.90	200	363723	44.353	nq	96
70) Pentachlorophenol	17.09	266	467164	84.205	nq	99
71) Phenanthrene	17.48	178	1538095	38.715	nq	98
72) Anthracene	17.57	178	1558174	39.775	nq	100
73) Carbazole	17.84	167	1476818	39.246	nq	99
74) Di-n-butylphthalate	18.41	149	1767191	38.632	nq	99
75) Fluoranthene	19.49	202	1872792	39.591	nq	99
77) Benzidine	19.66	184	598766	28.581	nq	99
78) Pyrene	19.85	202	1874840	39.599	nq	99
80) Butylbenzylphthalate	20.75	149	819318	38.898	nq	99
81) Benzo(a)anthracene	21.69	228	1810890	38.970	nq	98
82) 3,3'-Dichlorobenzidine	21.60	252	597962	33.263	nq	100
83) Chrysene	21.76	228	1706756	38.451	nq	98
84) Bis(2-ethylhexyl)phthalate	21.63	149	1125095	38.704	nq	97
85) Di-n-octyl phthalate	22.85	149	1957793	40.247	nq	100
86) Indeno(1,2,3-cd)pyrene	28.60	276	2265430	38.929	nq	99
88) Benzo(b)fluoranthene	23.92	252	1990145	45.342	nq	99
89) Benzo(k)fluoranthene	23.99	252	1833622	44.145	nq	99
90) Benzo(a)pyrene	24.78	252	1768803	43.068	nq	99
91) Dibenzo(a,h)anthracene	28.67	278	1839413	45.397	nq	99
92) Benzo(g,h,i)perylene	29.74	276	1889829	46.165	nq	99

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



#1

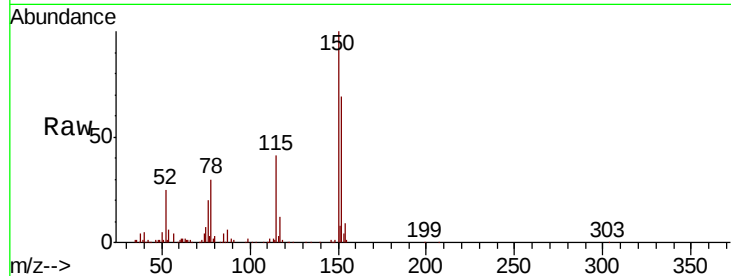
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BG044720.D
Acq: 11 Mar 2020 14:50

Instrument :
BNA_G
ClientSampled :
PB127319BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.2	125.3	187.9
115	59.0	51.7	77.5

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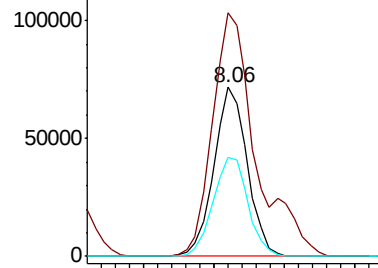


Abundance

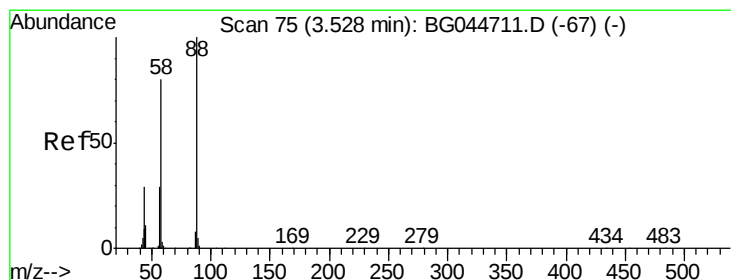
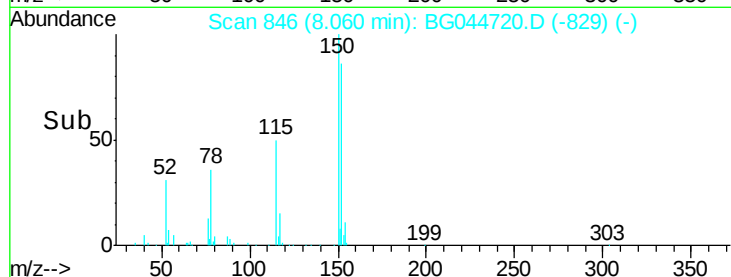
Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



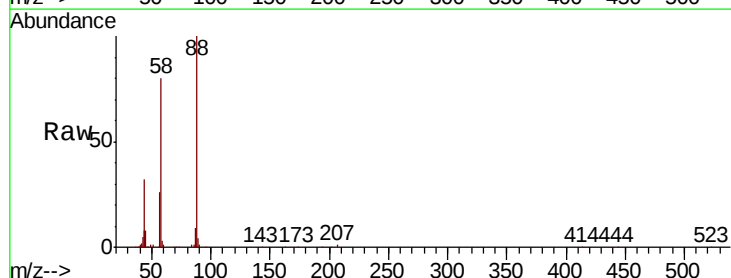
Time-->



#2

1,4-Dioxane
Concen: 33.847 ng
RT: 3.52 min Scan# 74
Delta R.T. -0.00 min
Lab File: BG044720.D
Acq: 11 Mar 2020 14:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.5	63.0	94.4
43	30.8	23.2	34.8

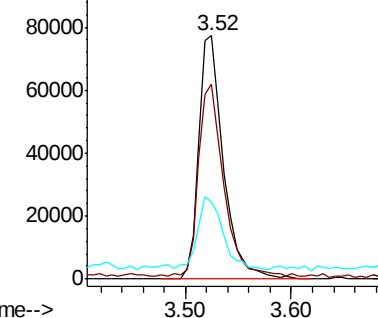


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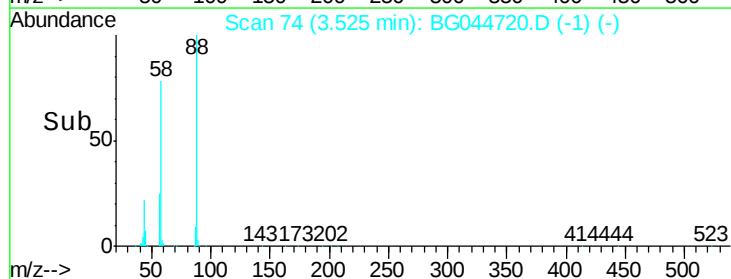
Ion 88.00 (87.70 to 88.70): BGC

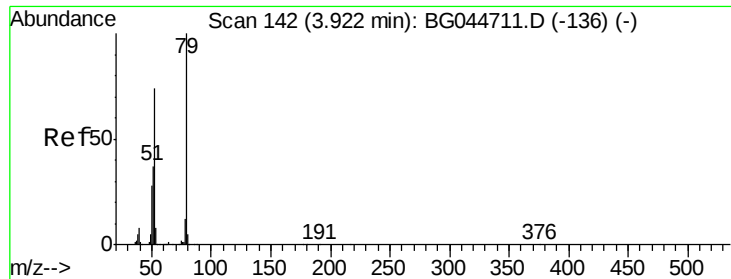
Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC



Time-->





#3

Pvridine

Concen: 28.198 ng

RT: 3.92 min Scan# 141

Delta R.T. -0.00 min

Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

Instrument :

BNA_G

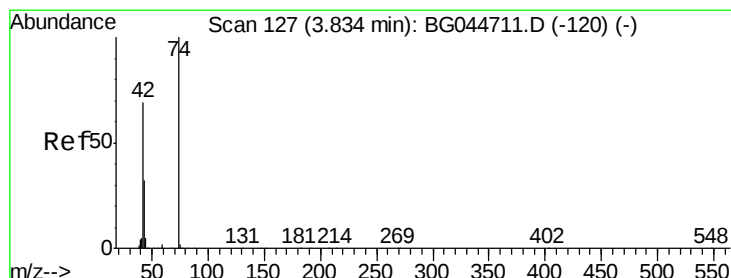
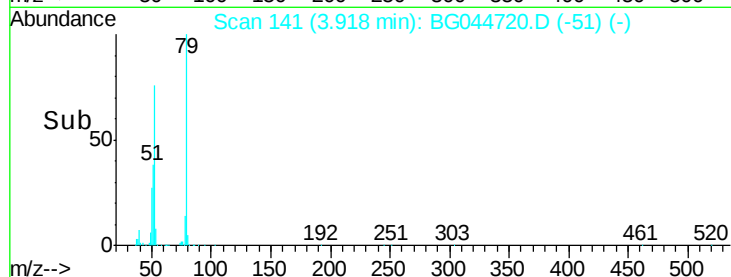
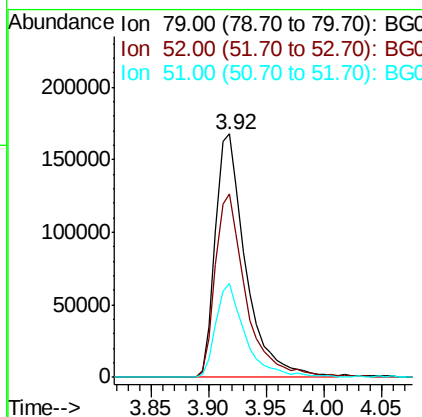
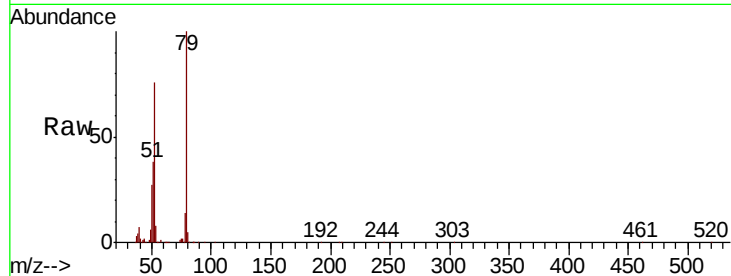
ClientSampleId :

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Tot Ion:	79	Resp:	306226
Ion Ratio	Lower	Upper	
79	100		
52	75.5	59.4	89.2
51	38.3	29.7	44.5

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#4

n-Nitrosodimethylamine

Concen: 39.838 ng

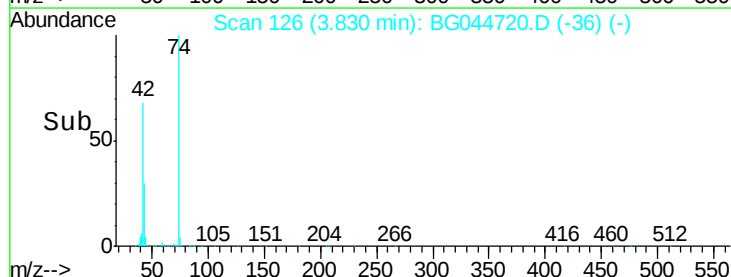
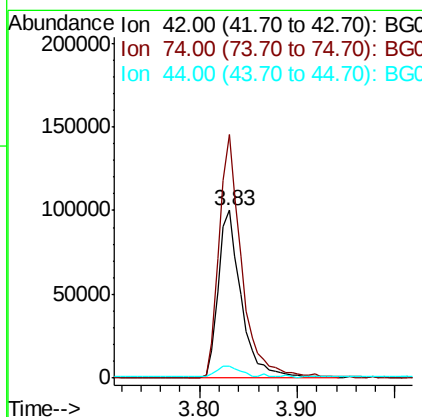
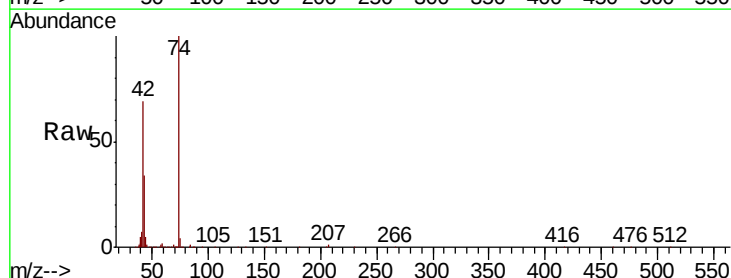
RT: 3.83 min Scan# 126

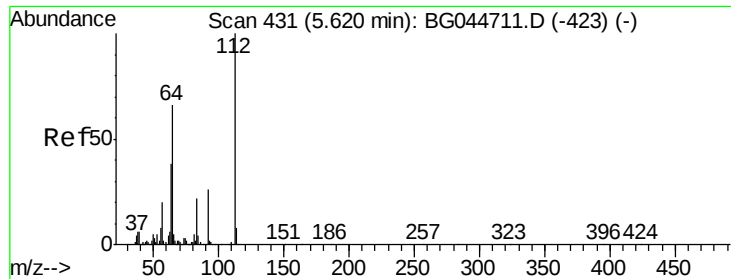
Delta R.T. -0.00 min

Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

Tgt Ion:	42	Resp:	164151
Ion Ratio	Lower	Upper	
42	100		
74	145.0	116.1	174.1
44	6.7	7.1	10.7





#5

2-Fluorophenol

Concen: 123.313 ng

RT: 5.63 min Scan# 433

Delta R.T. 0.01 min

Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

Instrument :

BNA_G

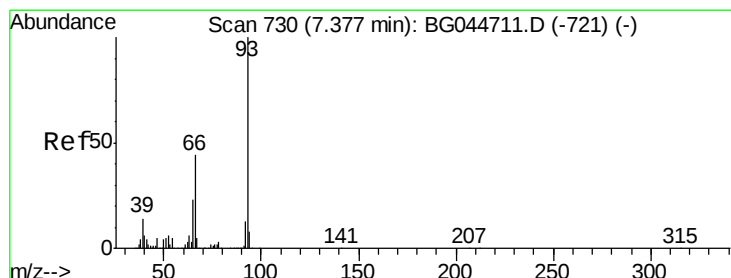
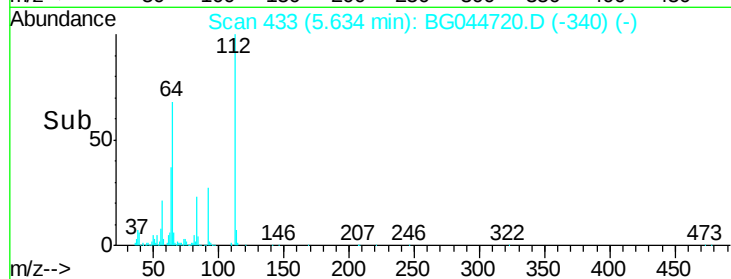
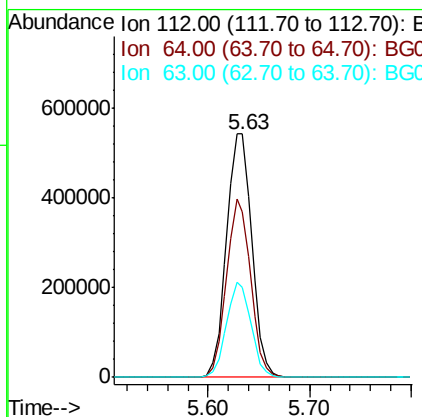
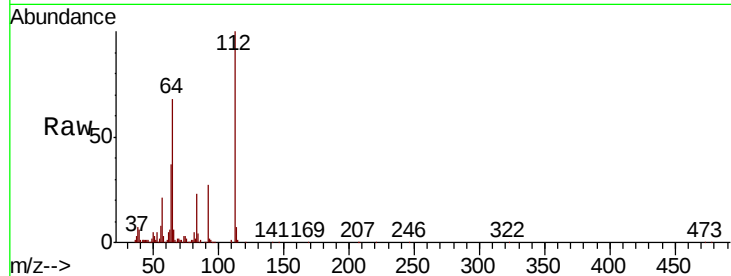
ClientSampleId :

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Tot Ion:	112	Resp:	939401
Ion Ratio	Lower	Upper	
112	100		
64	68.0	52.6	78.8
63	36.8	30.2	45.4

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#6

Aniline

Concen: 33.194 ng

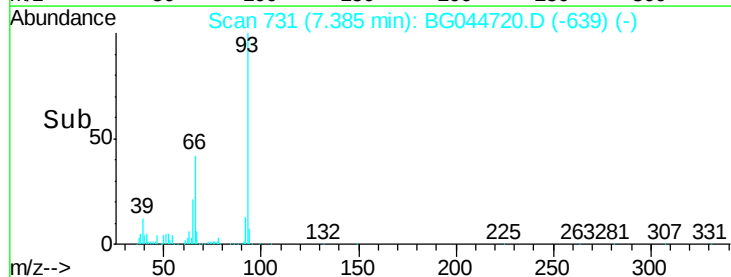
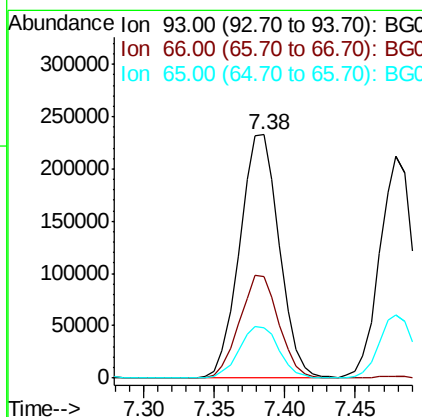
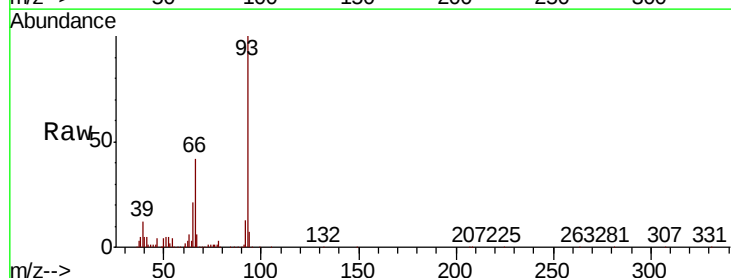
RT: 7.38 min Scan# 731

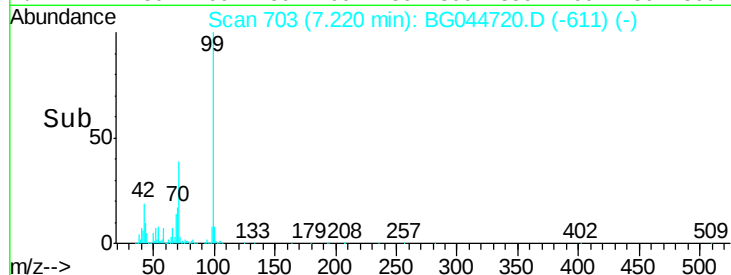
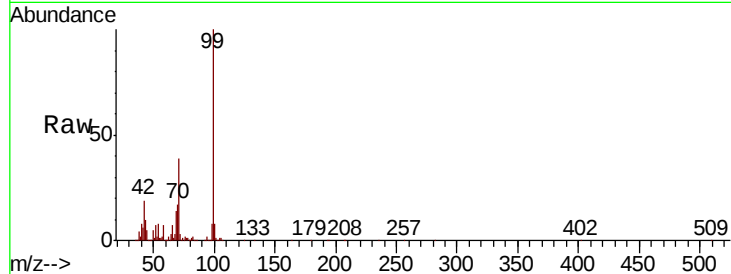
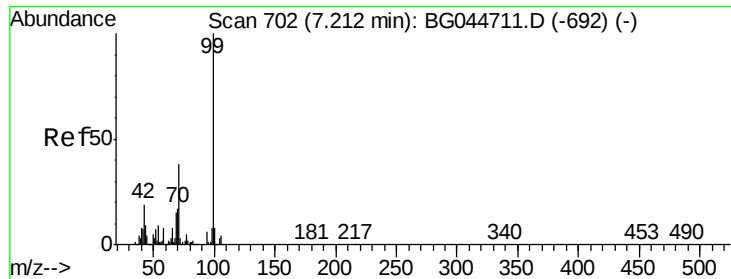
Delta R.T. 0.01 min

Lab File: BG044720.D

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Tgt Ion:	93	Resp:	457170
Ion Ratio	Lower	Upper	
93	100		
66	41.5	35.3	52.9
65	20.8	18.2	27.4





#7

Phenol-d6

Concen: 119.290 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

Tot Ion:	99	Resp:	1320356
Ion	Ratio	Lower	Upper
99	100		
42	18.9	15.4	23.0
71	38.7	30.2	45.4

Instrument :

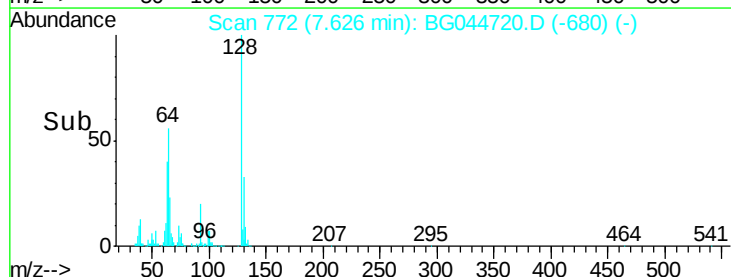
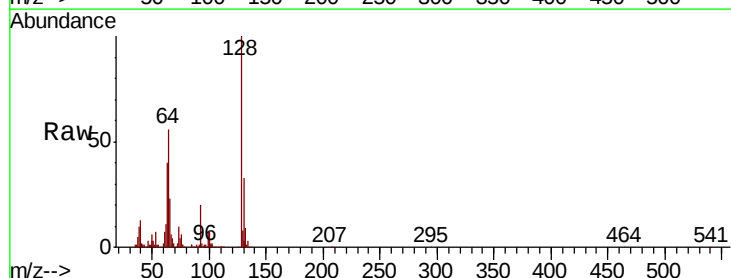
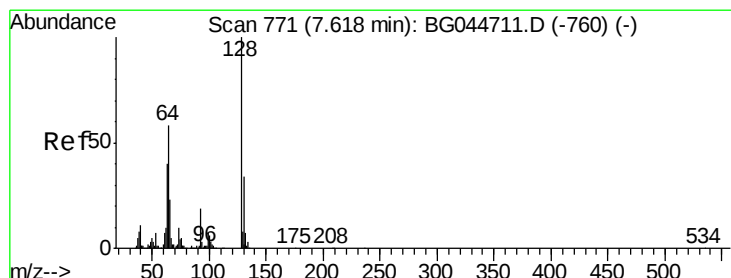
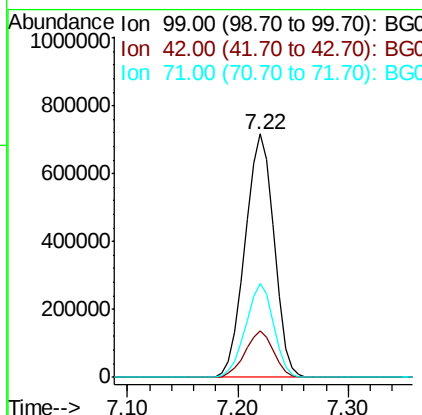
BNA_G

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#8

2-Chlorophenol

Concen: 45.943 ng

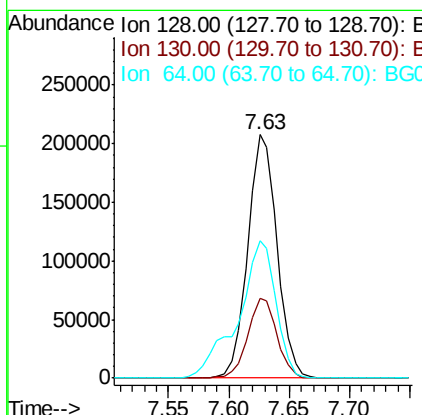
RT: 7.63 min Scan# 772

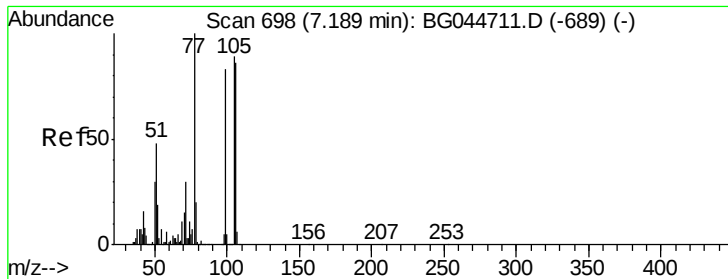
Delta R.T. 0.01 min

Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

Tgt Ion:	128	Resp:	349381
Ion	Ratio	Lower	Upper
128	100		
130	33.0	13.6	53.6
64	56.4	38.6	78.6





#9

Benzaldehyde

Concen: 20.075 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

Instrument :

BNA_G

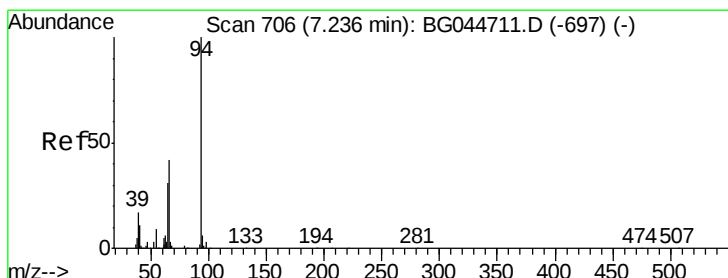
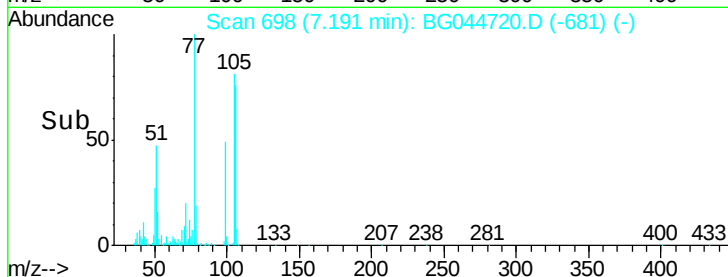
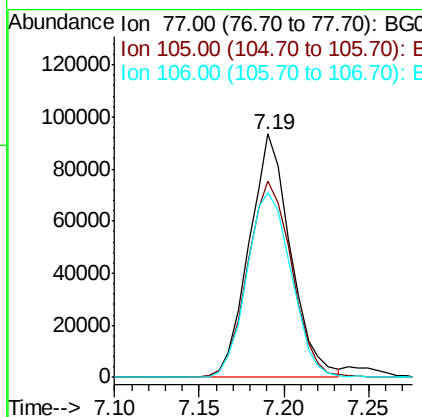
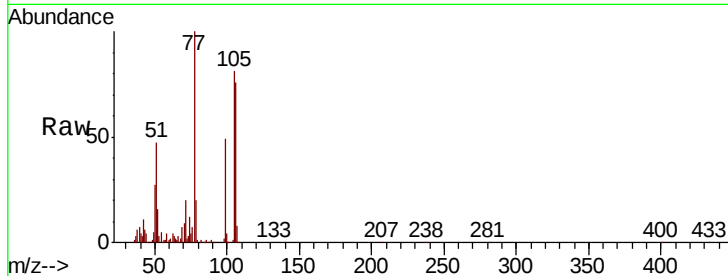
ClientSampleId :

PB127319BSD

Tot Ion:	77	Resp:	158556
Ion	Ratio	Lower	Upper
77	100		
105	80.8	68.6	108.6
106	75.9	65.9	105.9

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#10

Phenol

Concen: 45.747 ng

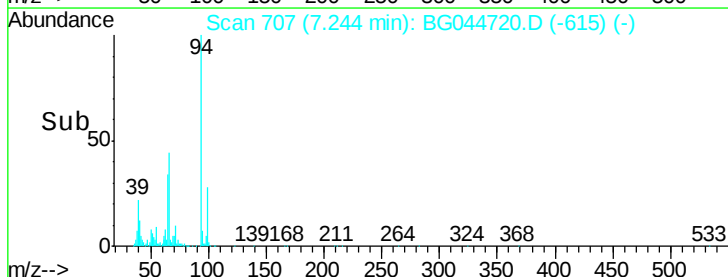
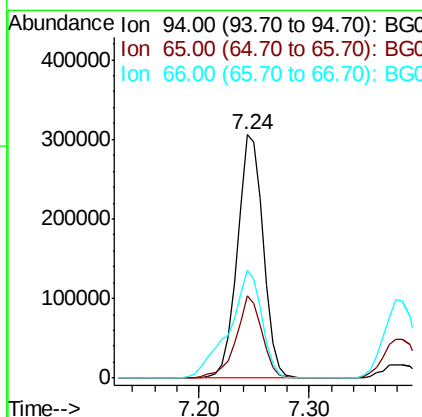
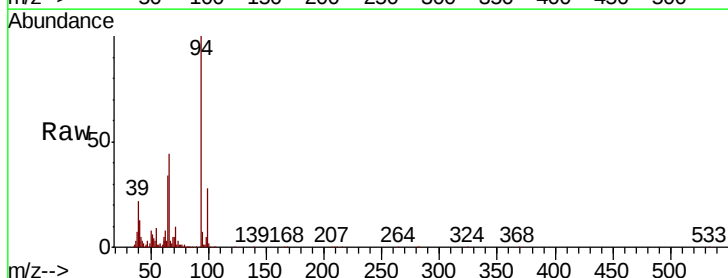
RT: 7.24 min Scan# 707

Delta R.T. 0.01 min

Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

Tgt Ion:	94	Resp:	501300
Ion	Ratio	Lower	Upper
94	100		
65	33.6	11.3	51.3
66	44.2	22.9	62.9





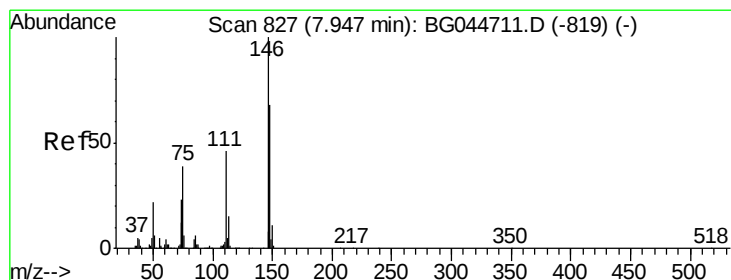
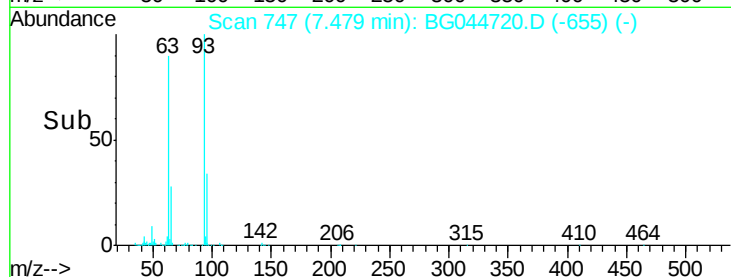
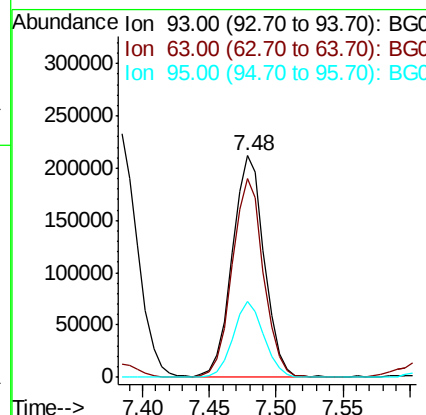
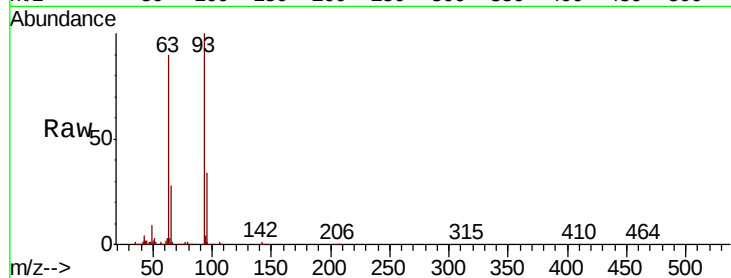
#11
bis(2-Chloroethyl)ether
Concen: 40.526 ng
RT: 7.48 min Scan# 747
Delta R.T. 0.01 min
Lab File: BG044720.D
Acq: 11 Mar 2020 14:50

Instrument :
BNA_G
ClientSampleId :
PB127319BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	90.0	68.1	108.1
95	34.0	12.4	52.4

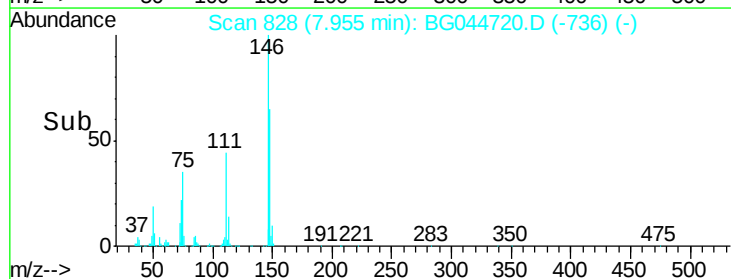
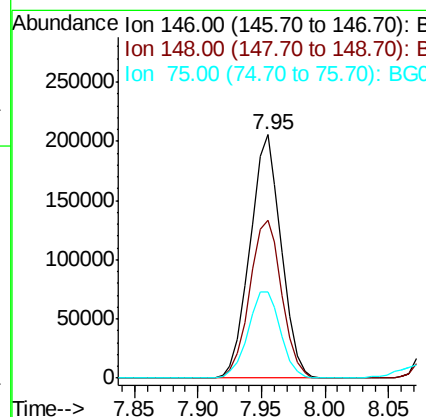
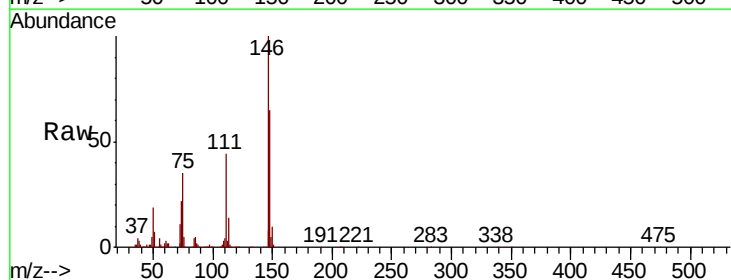
Manual Integrations
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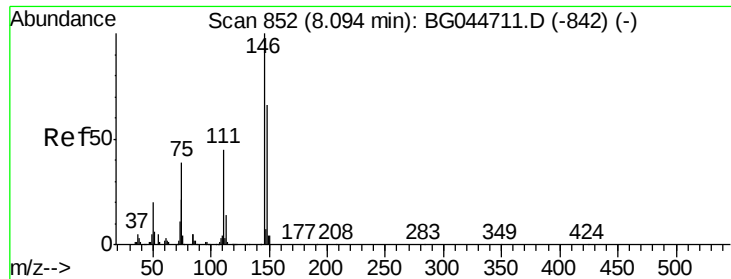
mohammad
3/16/2020 1:46:28 PM



#12
1,3-Dichlorobenzene
Concen: 37.499 ng
RT: 7.95 min Scan# 828
Delta R.T. 0.01 min
Lab File: BG044720.D
Acq: 11 Mar 2020 14:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	54.2	81.2
75	35.3	31.3	46.9





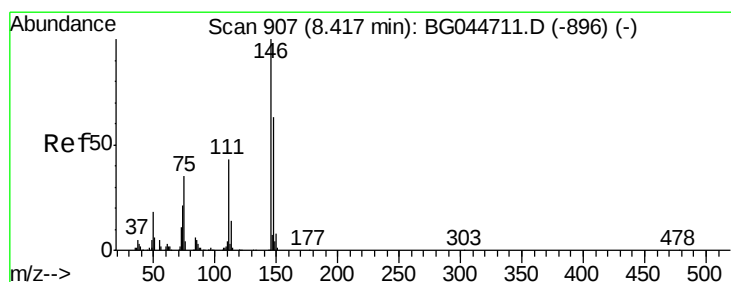
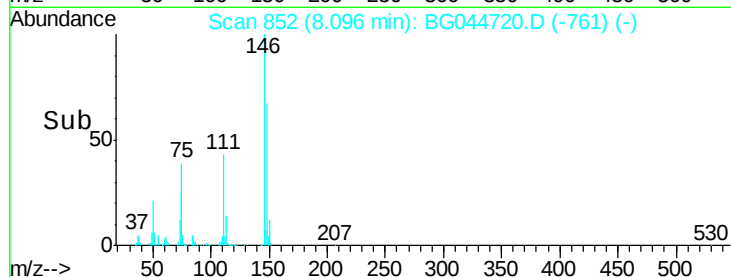
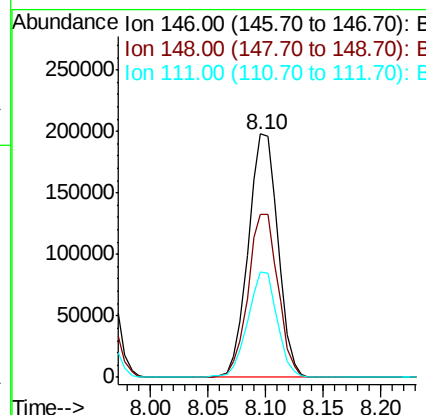
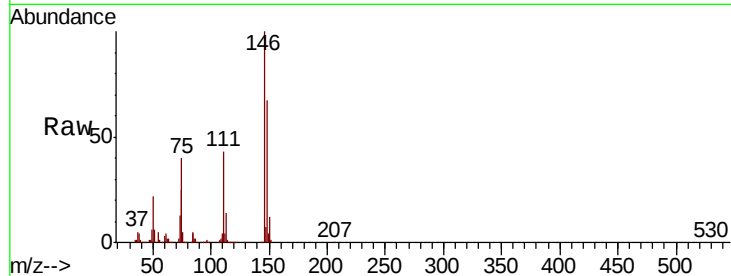
#13
 1,4-Dichlorobenzene
 Concen: 38.147 ng
 RT: 8.10 min Scan# 852
 Delta R.T. 0.00 min
 Lab File: BG044720.D
 Acq: 11 Mar 2020 14:50

Instrument :
 BNA_G
 ClientSampleId :
 PB127319BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.8	52.9	79.3
111	43.1	35.6	53.4

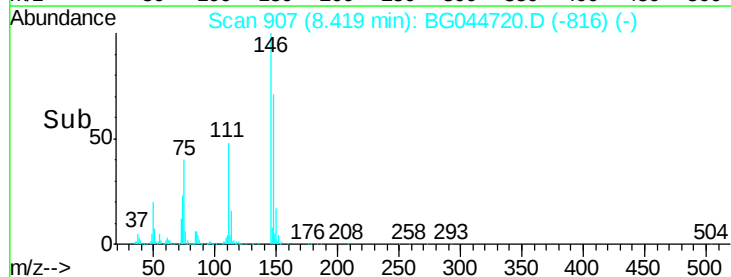
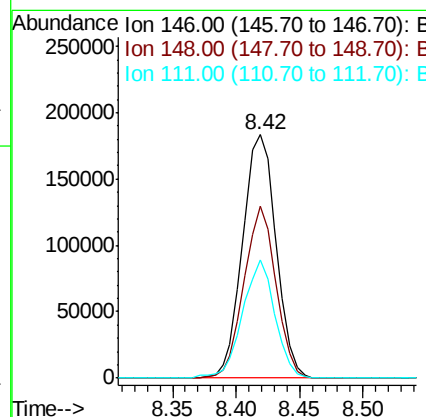
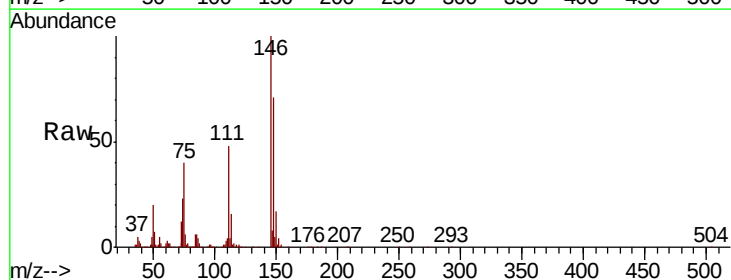
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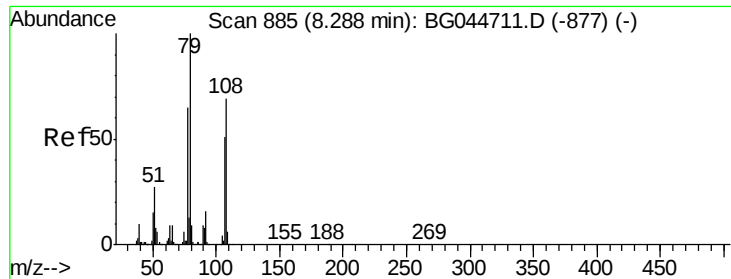
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 38.245 ng
 RT: 8.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: BG044720.D
 Acq: 11 Mar 2020 14:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	70.5	50.8	76.2
111	48.3	34.8	52.2





#15

Benzyl Alcohol

Concen: 42.978 ng

RT: 8.30 min Scan# 886

Delta R.T. 0.01 min

Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

Instrument :

BNA_G

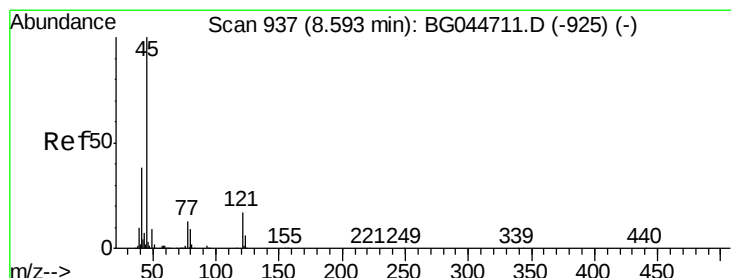
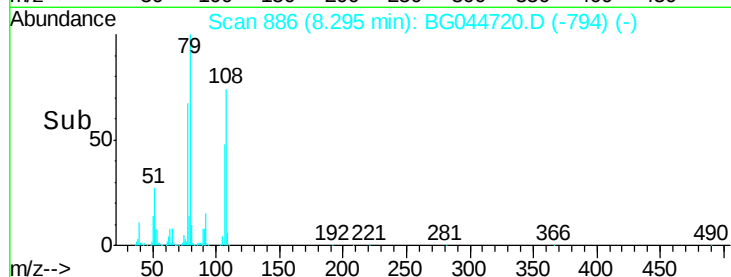
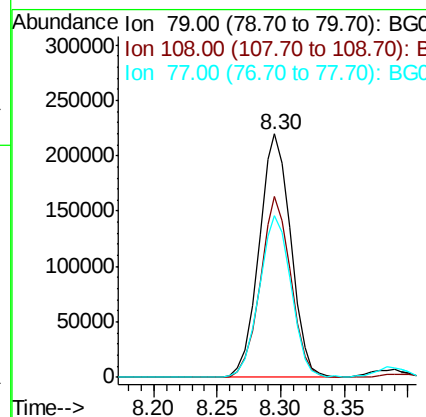
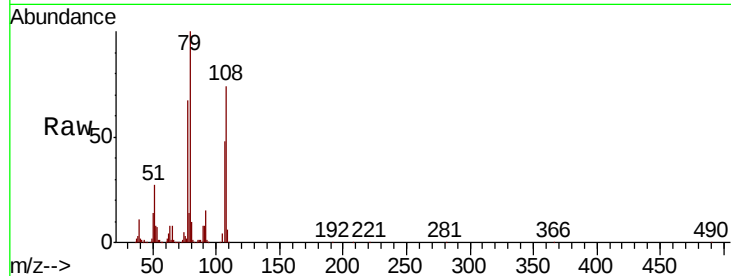
ClientSampleId :

PB127319BSD

Tot Ion:	79	Resp:	381678
Ion Ratio	Lower	Upper	
79	100		
108	74.5	55.4	83.0
77	66.6	52.2	78.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.739 ng

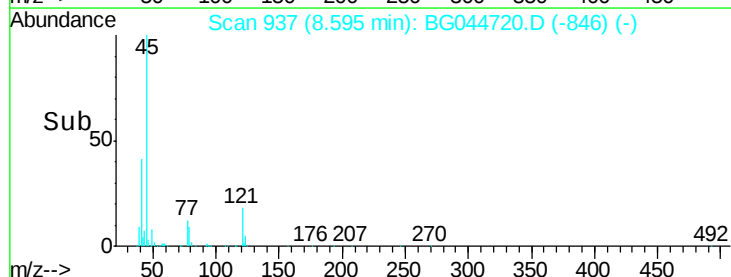
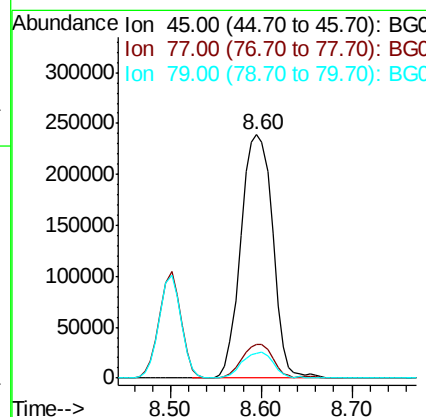
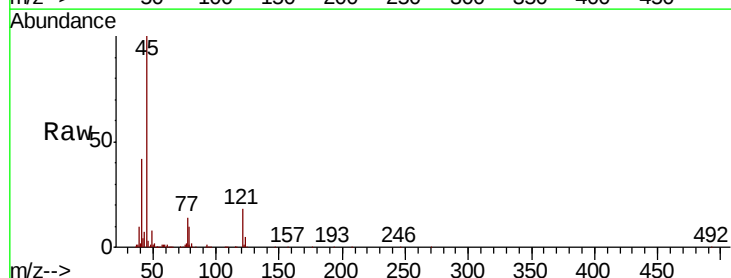
RT: 8.60 min Scan# 937

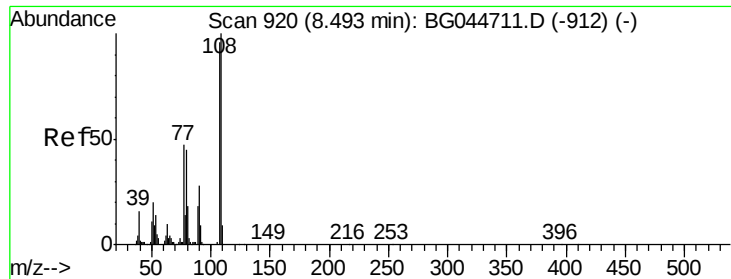
Delta R.T. 0.00 min

Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

Tgt Ion:	45	Resp:	582445
Ion Ratio	Lower	Upper	
45	100		
77	13.8	0.0	33.4
79	10.2	0.0	30.0





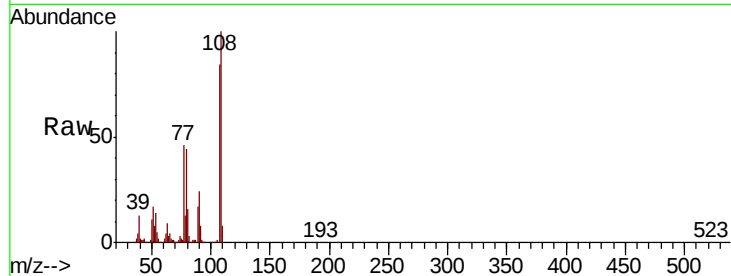
#17
2-Methylphenol
Concen: 44.958 ng
RT: 8.50 min Scan# 921
Delta R.T. 0.01 min
Lab File: BG044720.D
Acq: 11 Mar 2020 14:50

Instrument :
BNA_G
ClientSampleId :
PB127319BSD

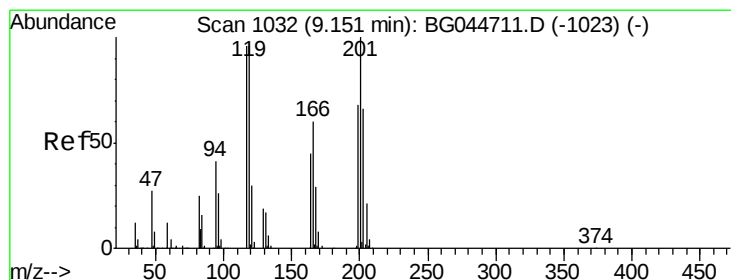
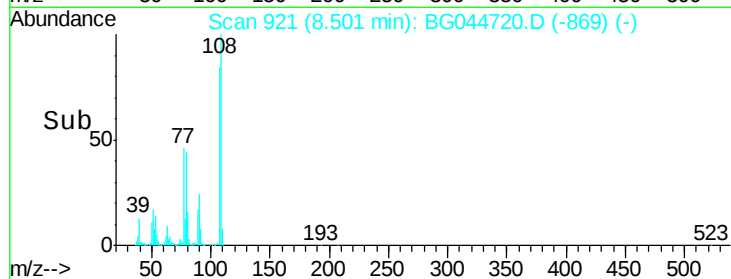
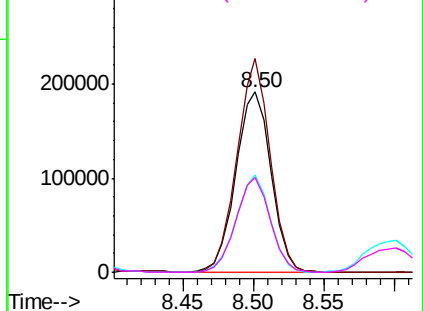
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	118.5	83.2	124.8	
77	54.3	39.0	58.6	
79	52.5	37.6	56.4	

Manual Integrations
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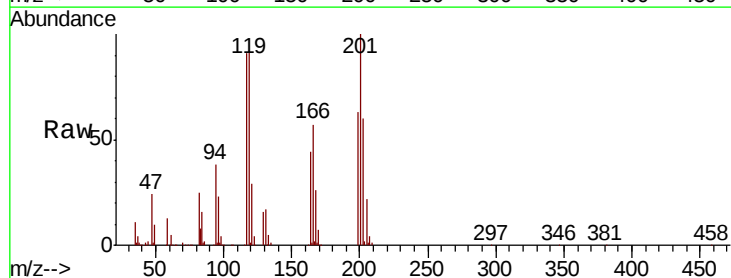


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

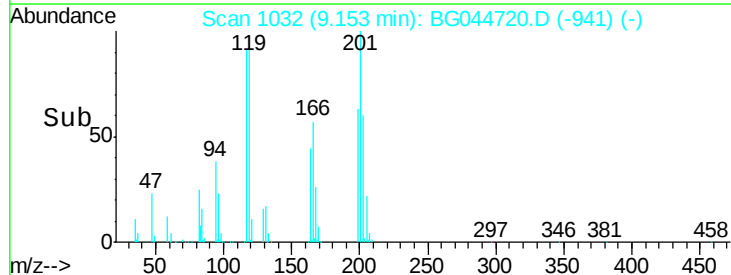
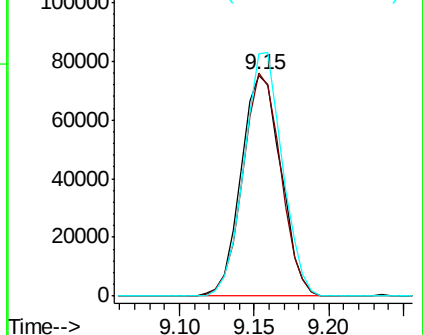


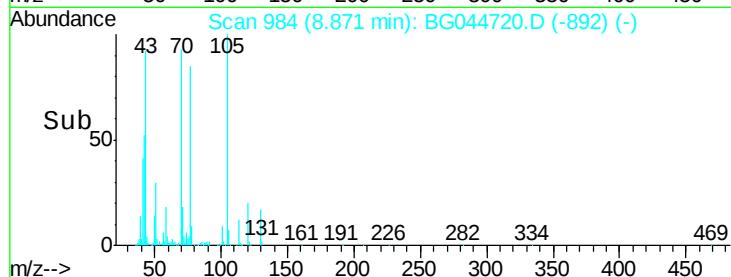
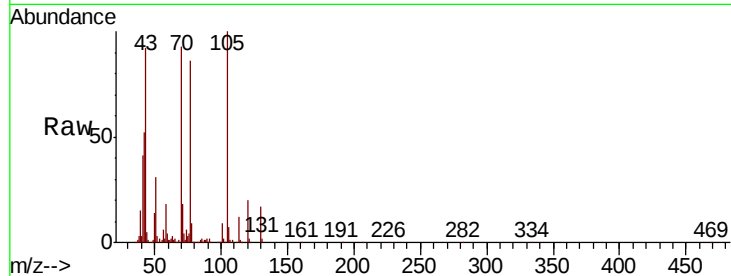
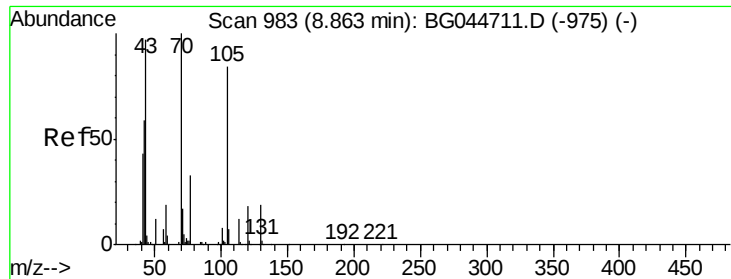
#18
Hexachloroethane
Concen: 38.252 ng
RT: 9.15 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BG044720.D
Acq: 11 Mar 2020 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	101.1	80.2	120.4	
201	109.6	83.4	125.2	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





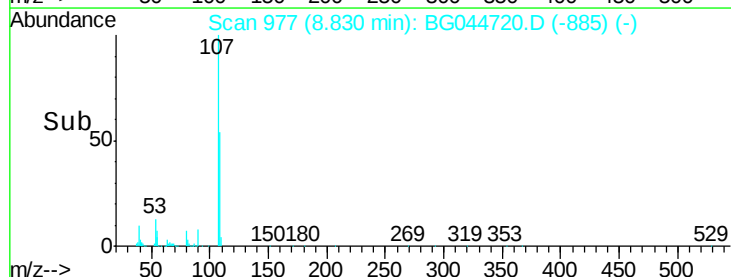
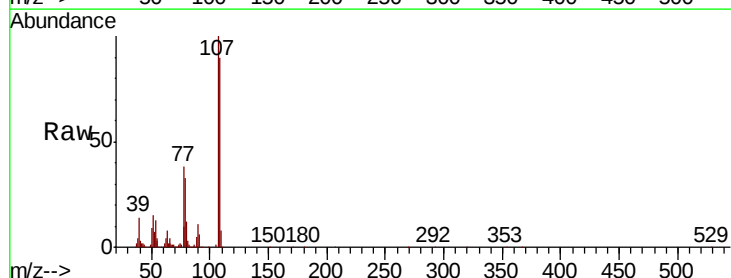
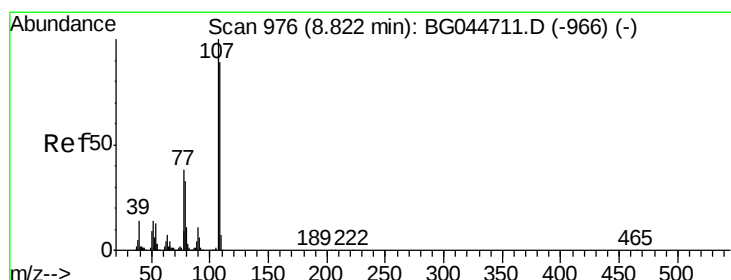
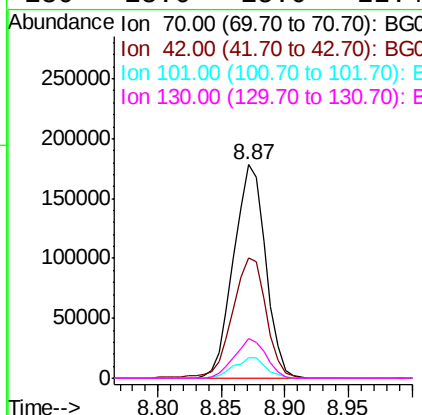
#19
n-Nitroso-di-n-propylamine
Concen: 39.989 ng
RT: 8.87 min Scan# 984
Delta R.T. 0.01 min
Lab File: BG044720.D
Acq: 11 Mar 2020 14:50

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.2	47.6	71.4	
101	9.4	6.5	9.7	
130	18.6	15.0	22.4	

Instrument :
BNA_G
ClientSampleId :
PB127319BSD

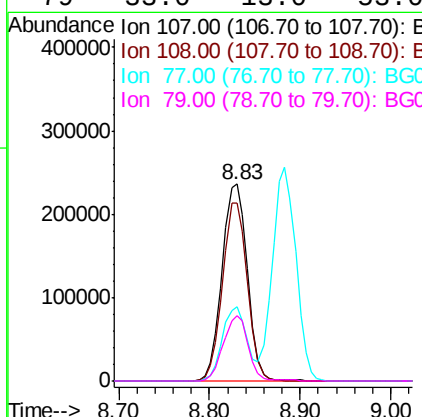
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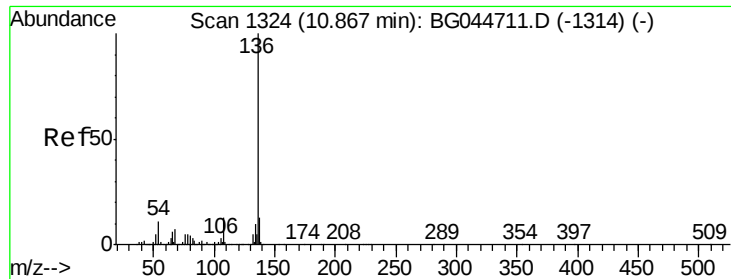
mohammad
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#20
3+4-Methylphenols
Concen: 44.732 ng
RT: 8.83 min Scan# 977
Delta R.T. 0.01 min
Lab File: BG044720.D
Acq: 11 Mar 2020 14:50

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.3	69.1	109.1	
77	37.7	17.7	57.7	
79	33.0	13.0	53.0	





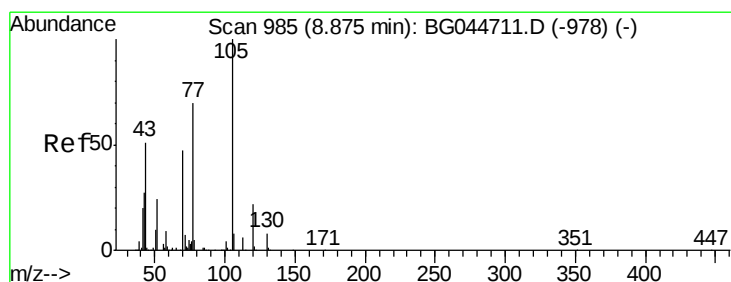
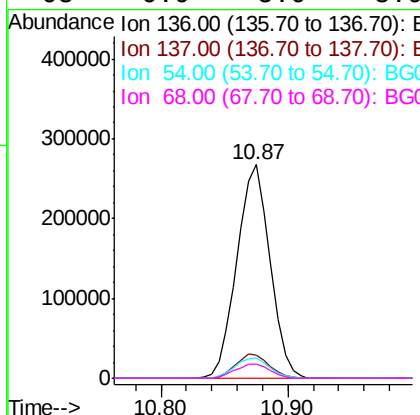
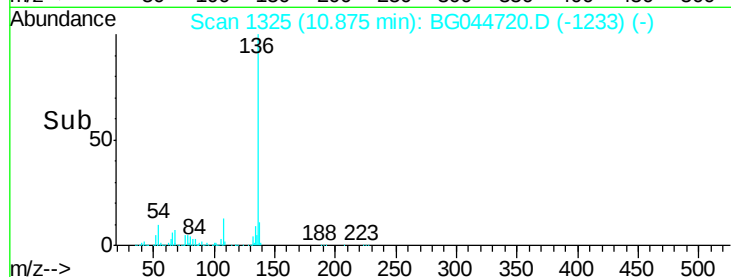
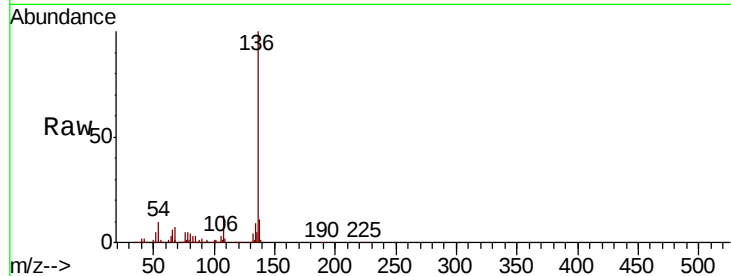
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BG044720.D
Acq: 11 Mar 2020 14:50

Instrument :
BNA_G
ClientSampleId :
PB127319BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		483810		
137	10.6	10.7	16.1#		
54	9.7	9.0	13.4		
68	6.9	5.9	8.9		

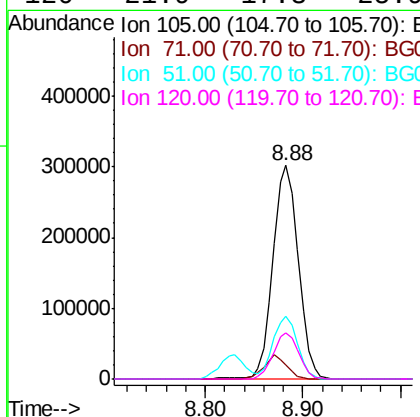
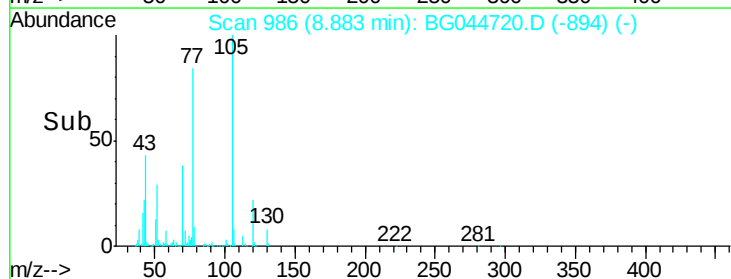
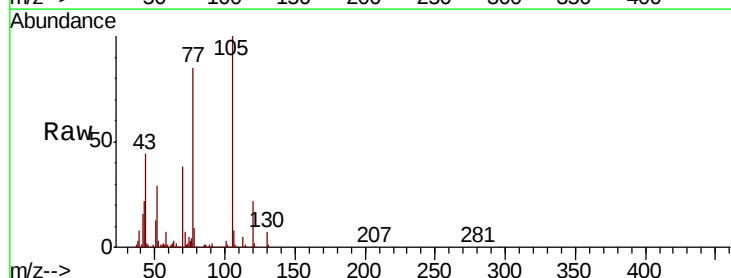
Manual Integrations
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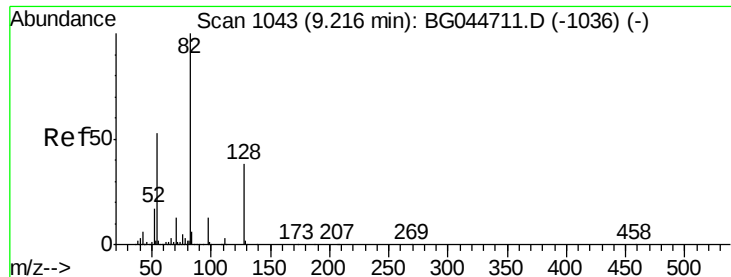
mohammad
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#22
Acetophenone
Concen: 40.033 ng
RT: 8.88 min Scan# 986
Delta R.T. 0.01 min
Lab File: BG044720.D
Acq: 11 Mar 2020 14:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		548710		
71	6.8	5.8	8.8		
51	29.5	23.8	35.8		
120	21.9	17.3	25.9		





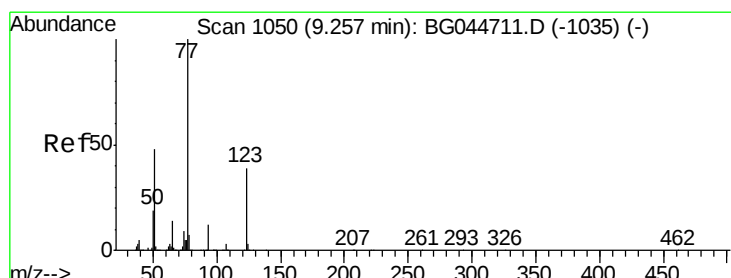
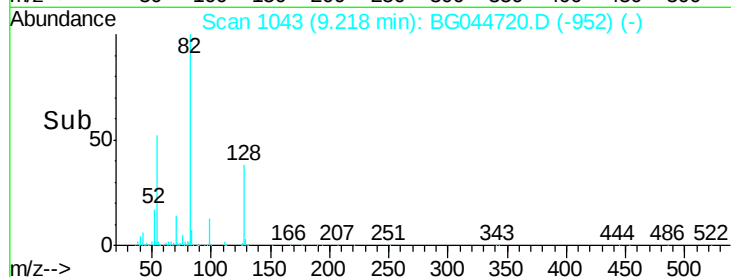
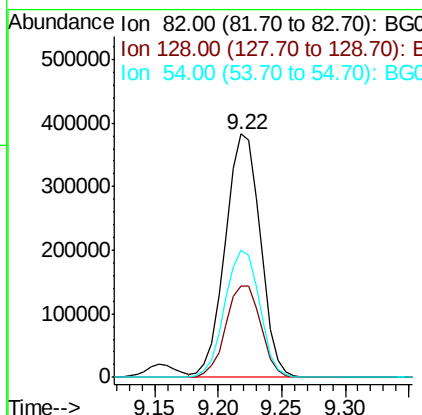
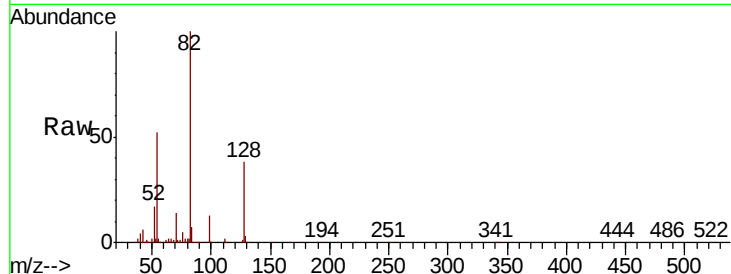
#23
Nitrobenzene-d5
Concen: 66.380 ng
RT: 9.22 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BG044720.D
Acq: 11 Mar 2020 14:50

Instrument :
BNA_G
ClientSampleId :
PB127319BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.5	30.2	45.2
54	52.0	41.8	62.8

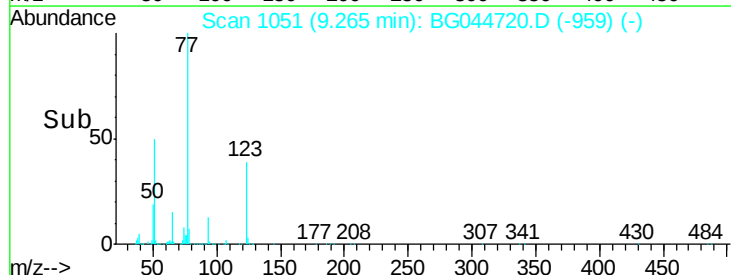
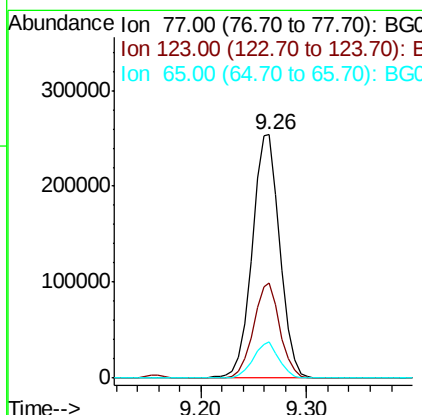
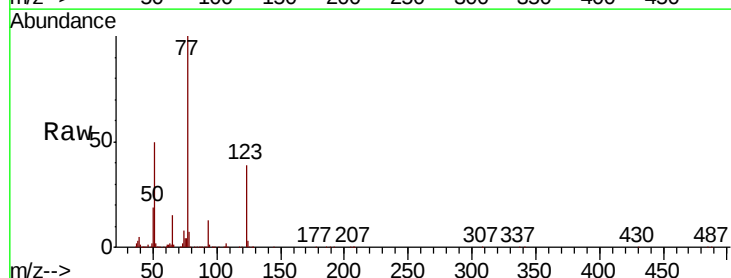
Manual Integrations
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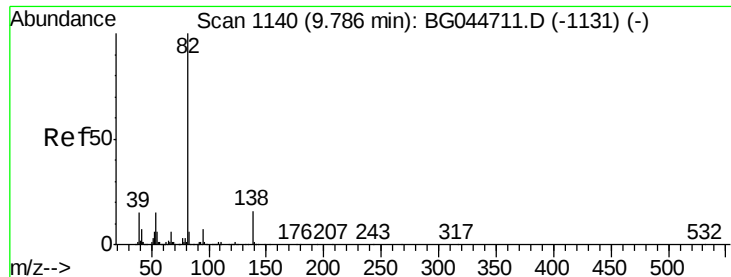
mohammad
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#24
Nitrobenzene
Concen: 40.349 ng
RT: 9.26 min Scan# 1051
Delta R.T. 0.01 min
Lab File: BG044720.D
Acq: 11 Mar 2020 14:50

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.2	31.5	47.3
65	14.9	11.0	16.4





#25

Isophorone

Concen: 39.682 ng

RT: 9.79 min Scan# 1141

Delta R.T. 0.01 min

Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

Instrument :

BNA_G

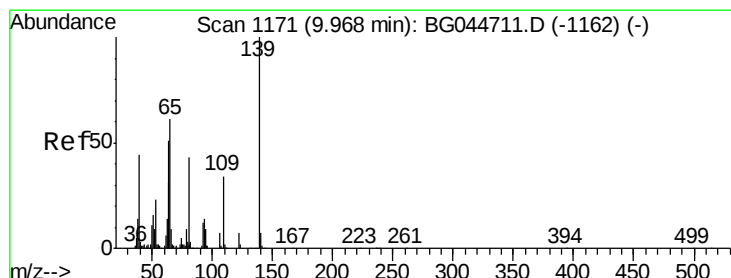
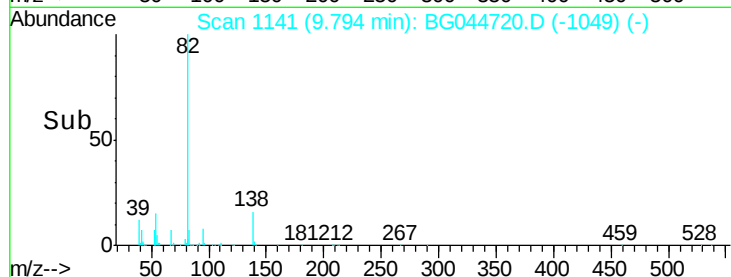
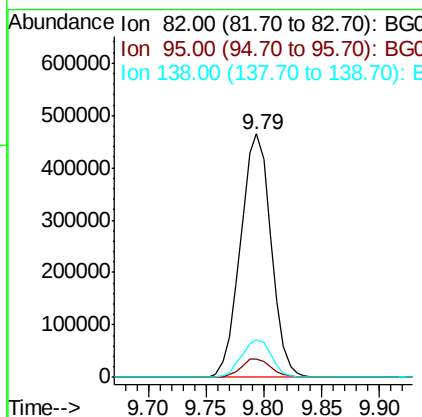
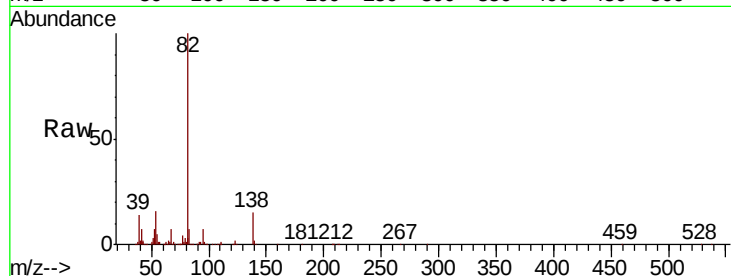
ClientSampleId :

PB127319BSD

Tot Ion:	82	Resp:	853891
Ion Ratio	Lower	Upper	
82	100		
95	7.4	5.6	8.4
138	15.3	13.0	19.4

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#26

2-Nitrophenol

Concen: 44.259 ng

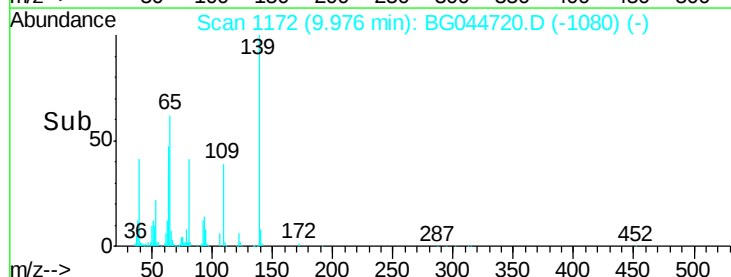
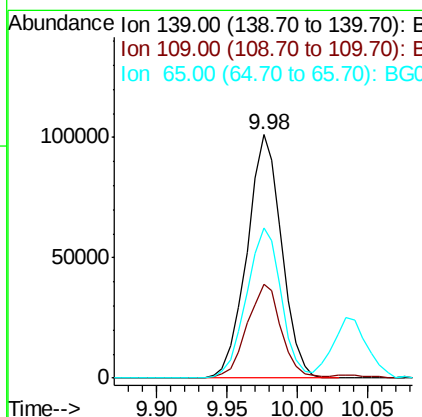
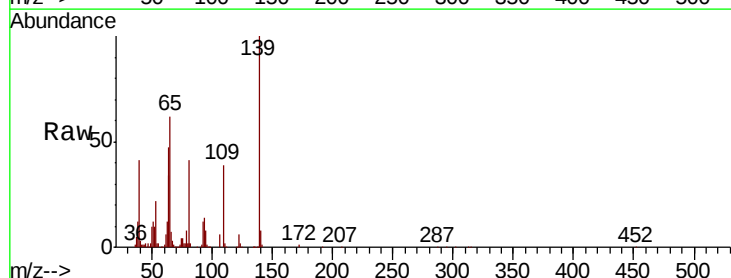
RT: 9.98 min Scan# 1172

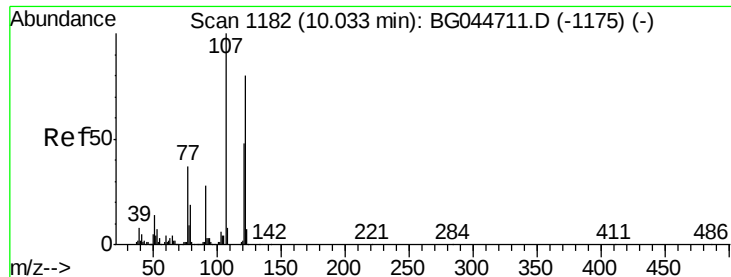
Delta R.T. 0.01 min

Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

Tgt Ion:	139	Resp:	173851
Ion Ratio	Lower	Upper	
139	100		
109	38.6	27.0	40.4
65	61.6	48.6	73.0





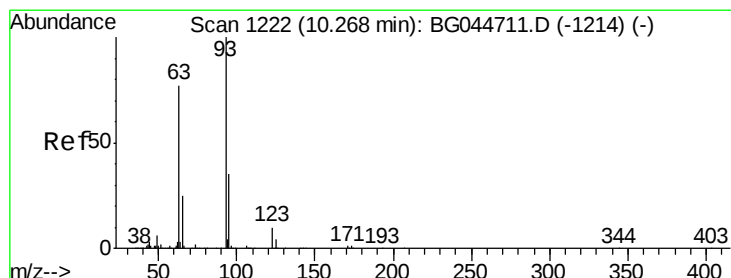
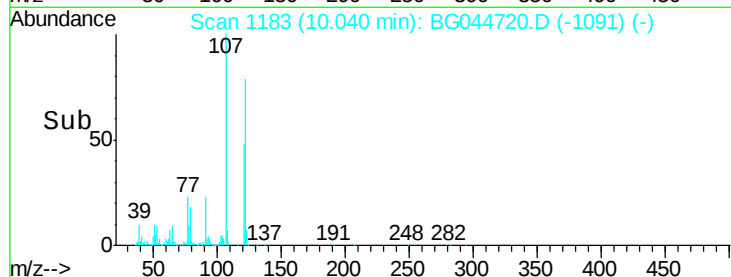
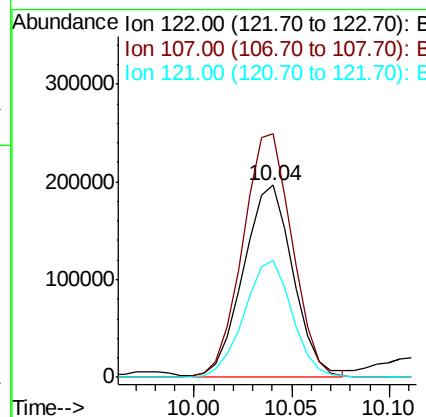
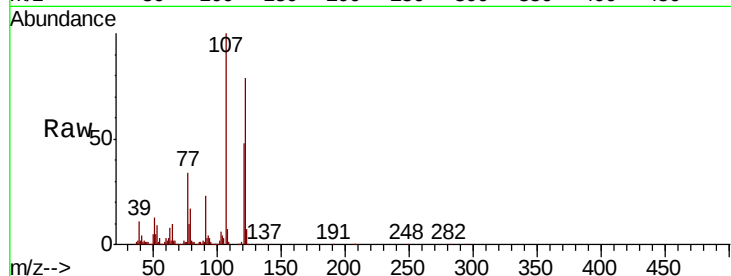
#27
2,4-Dimethylphenol
Concen: 49.295 ng
RT: 10.04 min Scan# 1183
Delta R.T. 0.01 min
Lab File: BG044720.D
Acq: 11 Mar 2020 14:50

Instrument :
BNA_G
ClientSampleId :
PB127319BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	345436		
107	126.7	99.0	148.6	
121	60.6	47.6	71.4	

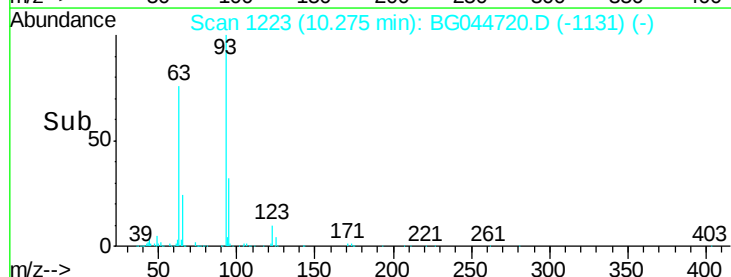
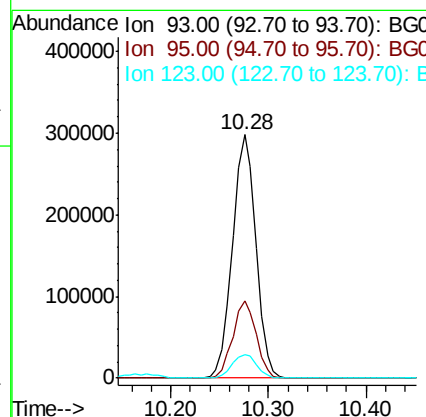
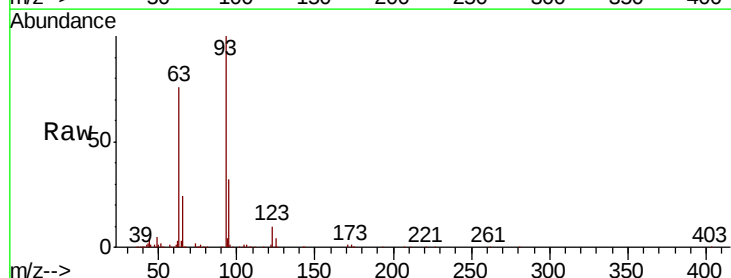
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#28
bis(2-Chloroethoxy)methane
Concen: 38.552 ng
RT: 10.28 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BG044720.D
Acq: 11 Mar 2020 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	495070		
95	31.7	27.7	41.5	
123	9.7	8.1	12.1	





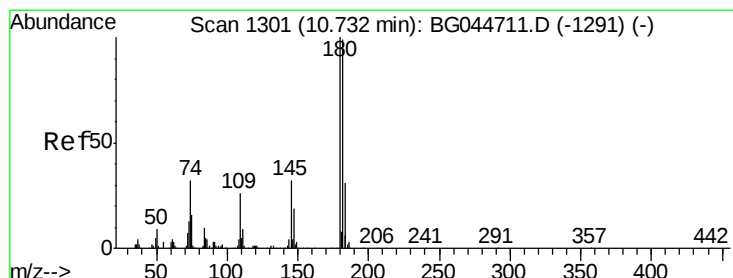
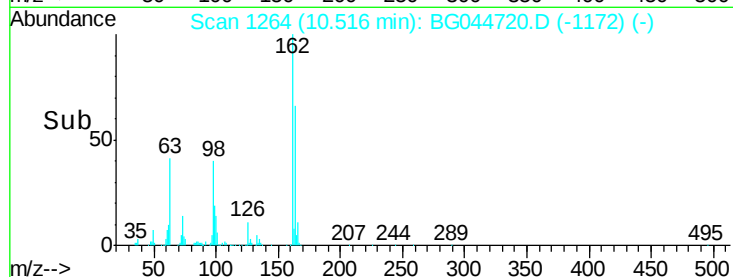
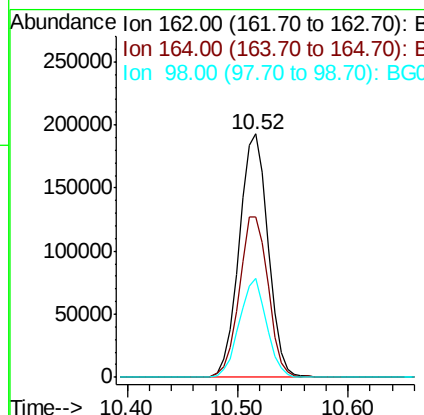
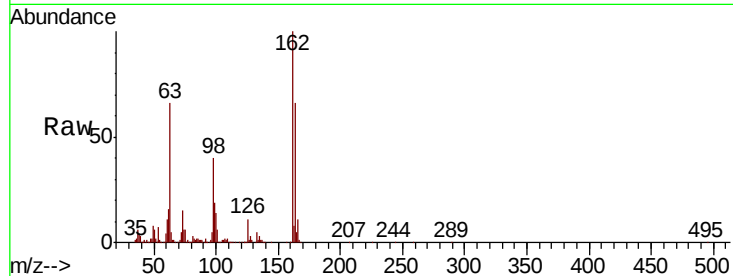
#29
2,4-Dichlorophenol
Concen: 43.242 ng
RT: 10.52 min Scan# 1264
Delta R.T. 0.01 min
Lab File: BG044720.D
Acq: 11 Mar 2020 14:50

Instrument :
BNA_G
ClientSampleId :
PB127319BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	65.7	46.5	86.5
98	40.4	18.1	58.1

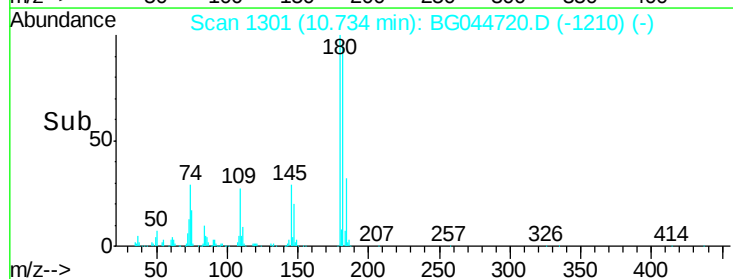
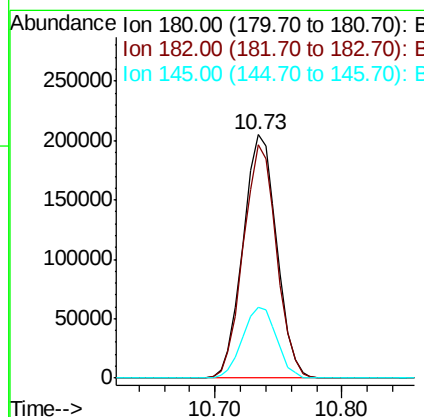
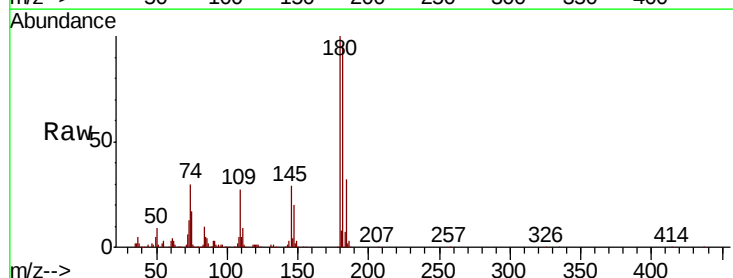
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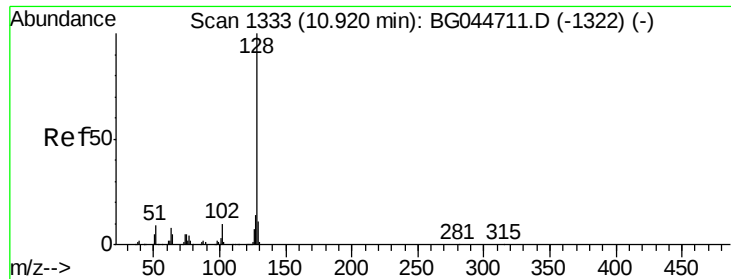
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#30
1,2,4-Trichlorobenzene
Concen: 38.628 ng
RT: 10.73 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BG044720.D
Acq: 11 Mar 2020 14:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.8	78.8	118.2
145	29.3	25.4	38.0





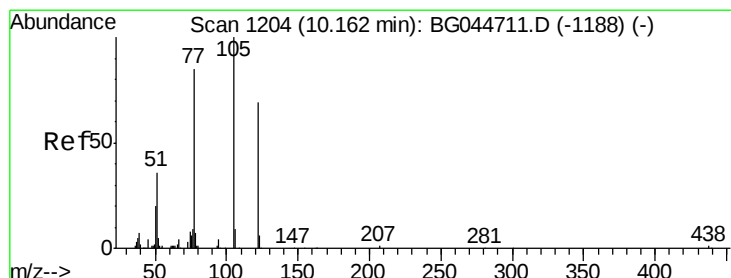
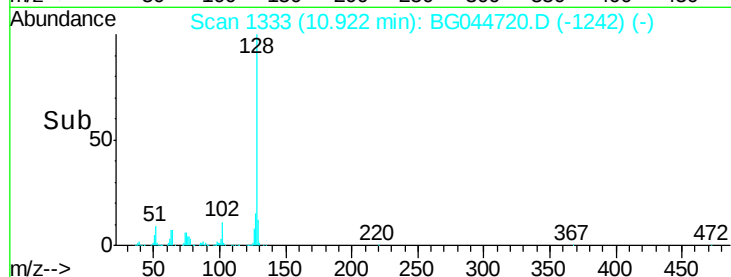
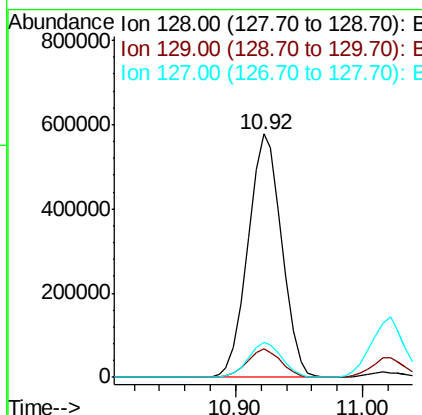
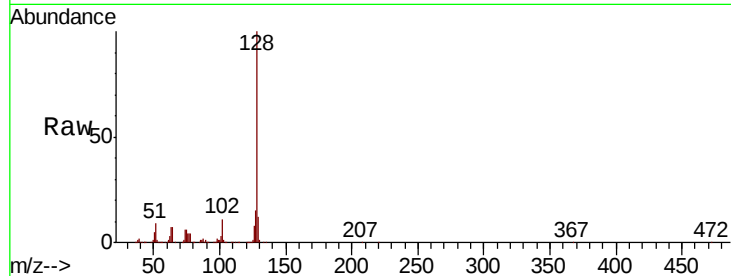
#31
Naphthalene
Concen: 39.774 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG044720.D
Acq: 11 Mar 2020 14:50

Instrument :
BNA_G
ClientSampleId :
PB127319BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.0	13.4
127	14.5	11.0	16.6

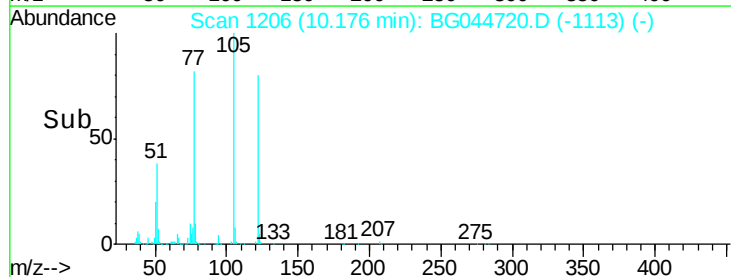
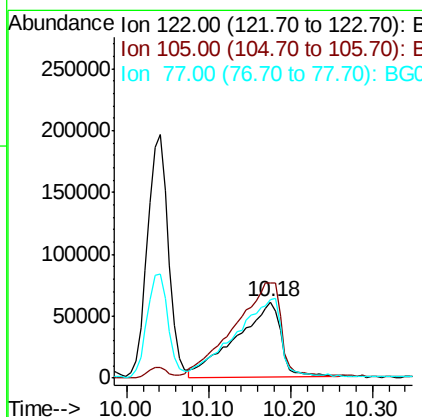
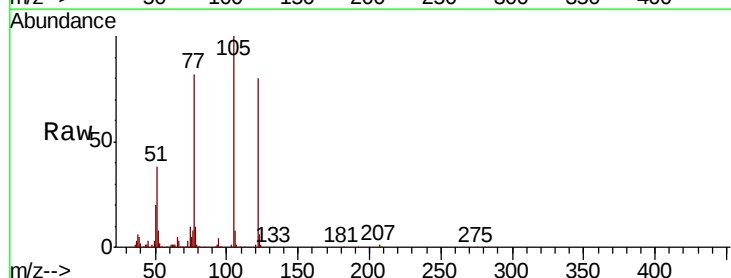
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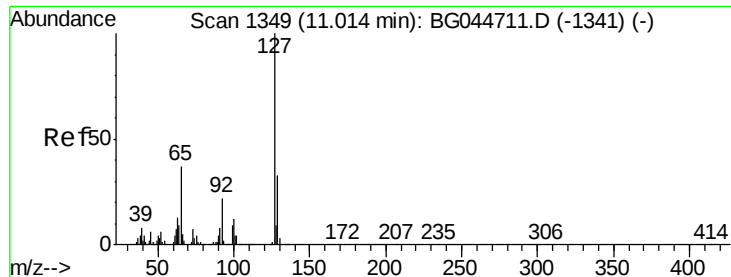
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#32
Benzoic acid
Concen: 42.884 ng
RT: 10.18 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BG044720.D
Acq: 11 Mar 2020 14:50

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.1	119.0	159.0
77	102.6	96.4	136.4





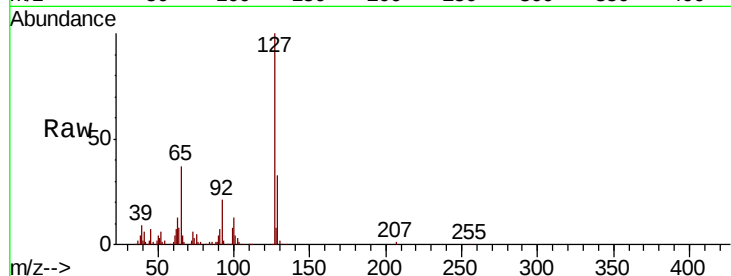
#33
4-Chloroaniline
Concen: 21.601 ng
RT: 11.02 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BG044720.D
Acq: 11 Mar 2020 14:50

Instrument :
BNA_G
ClientSampleId :
PB127319BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100	260819		
129	32.6	26.2	39.4	
65	37.4	29.6	44.4	
92	21.2	17.4	26.0	

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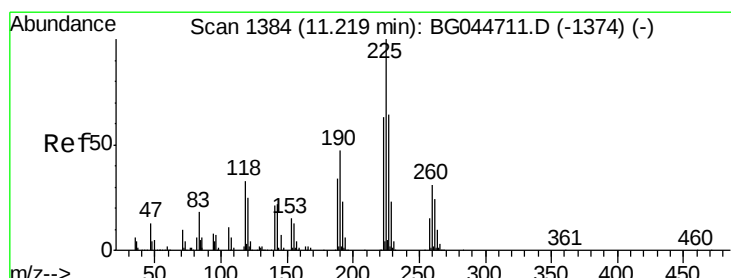
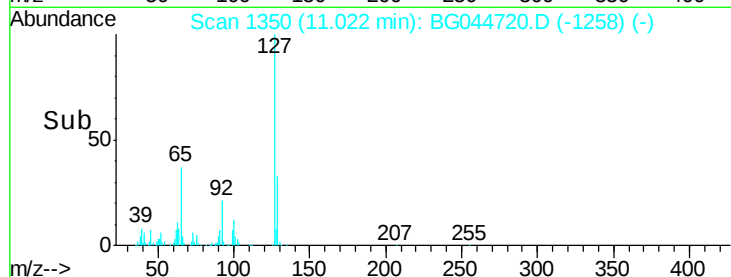
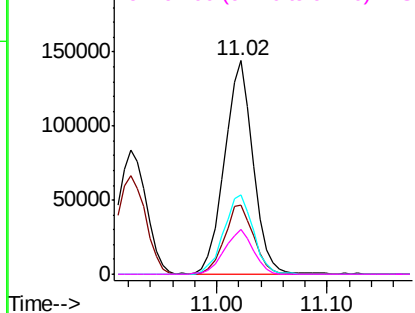
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

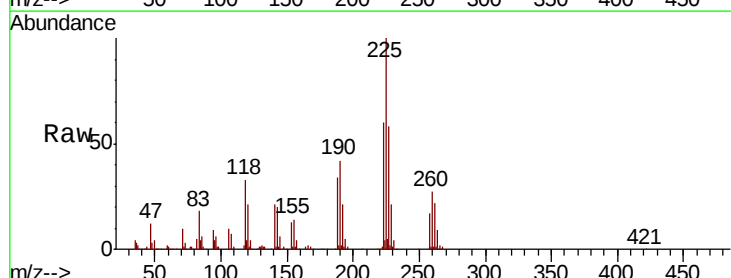
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 37.335 ng
RT: 11.22 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BG044720.D
Acq: 11 Mar 2020 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	240289		
223	59.9	50.6	76.0	
227	58.4	51.6	77.4	

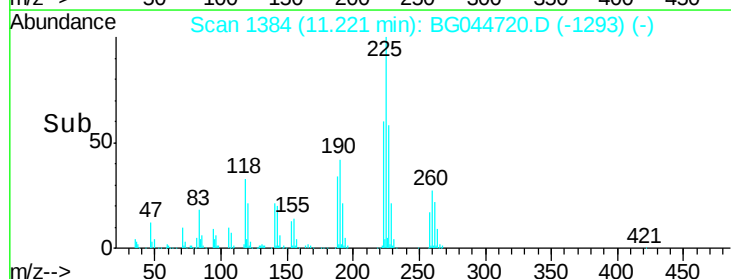
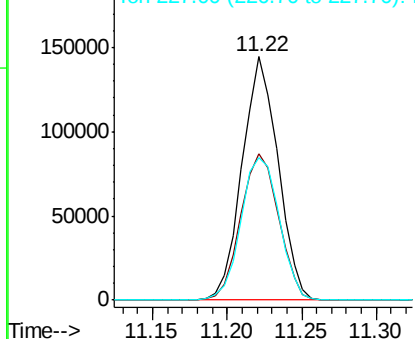


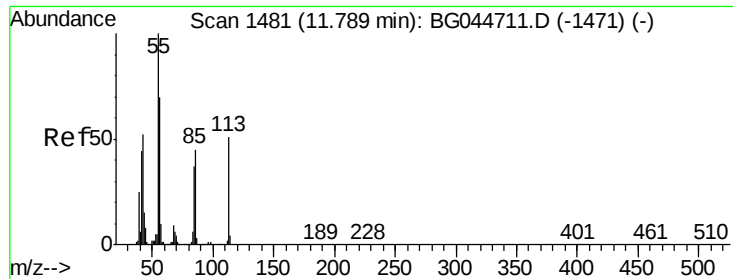
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 42.841 ng/mL

RT: 11.79 min Scan# 1481

Delta R.T. 0.00 min

Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

Instrument :

BNA_G

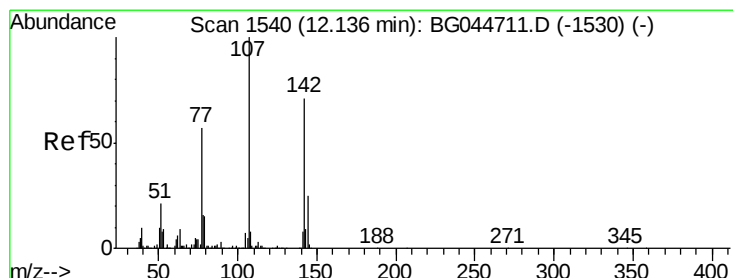
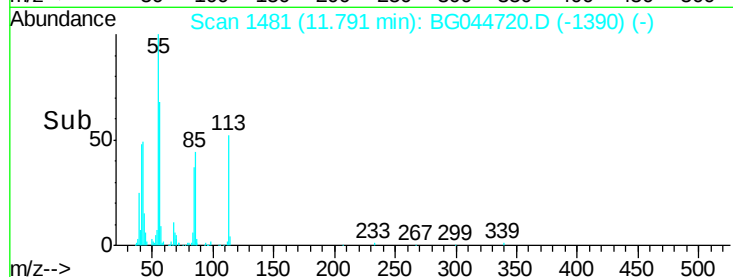
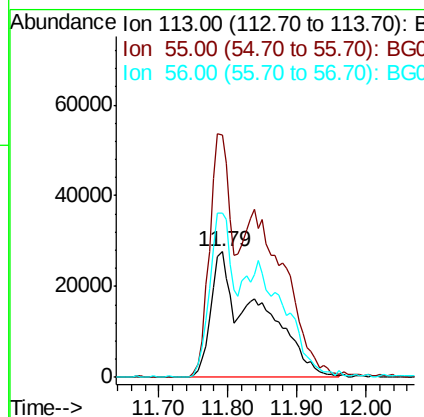
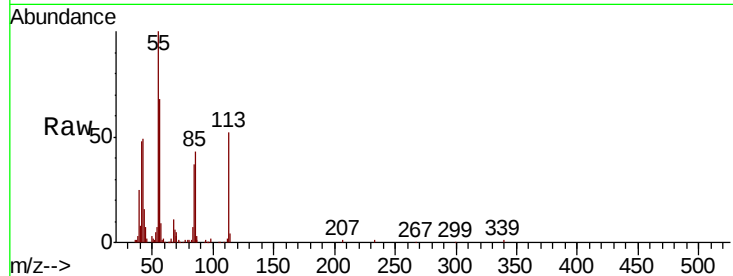
ClientSampleId :

PB127319BSD

Tot Ion:	113	Resp:	132763
Ion	Ratio	Lower	Upper
113	100		
55	192.7	178.4	218.4
56	130.6	117.7	157.7

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#36

4-Chloro-3-methylphenol

Concen: 42.604 ng/mL

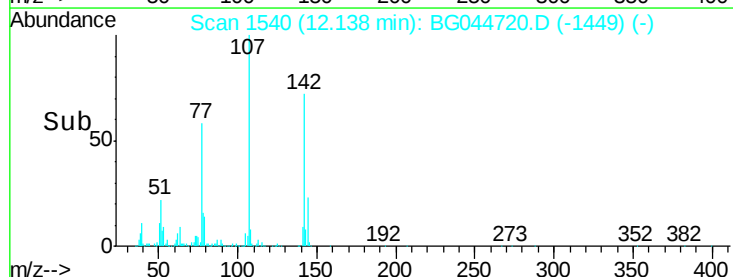
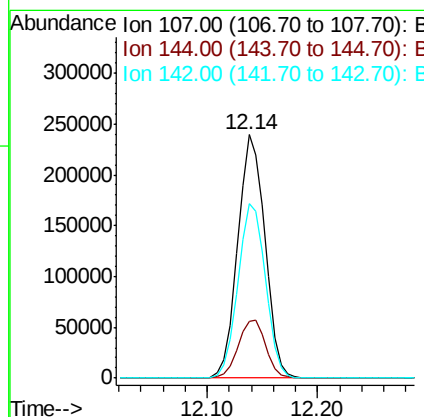
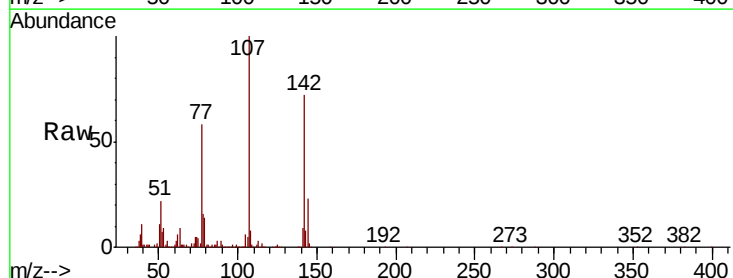
RT: 12.14 min Scan# 1540

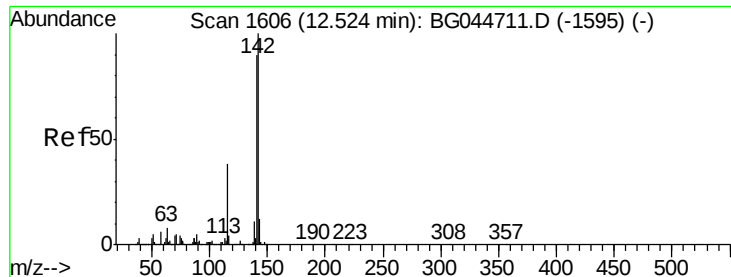
Delta R.T. 0.00 min

Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

Tgt Ion:	107	Resp:	415889
Ion	Ratio	Lower	Upper
107	100		
144	23.5	19.6	29.4
142	71.6	56.5	84.7





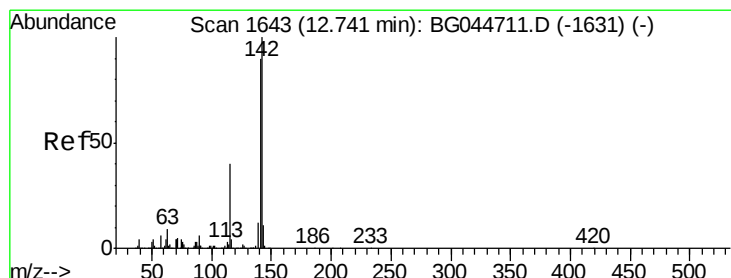
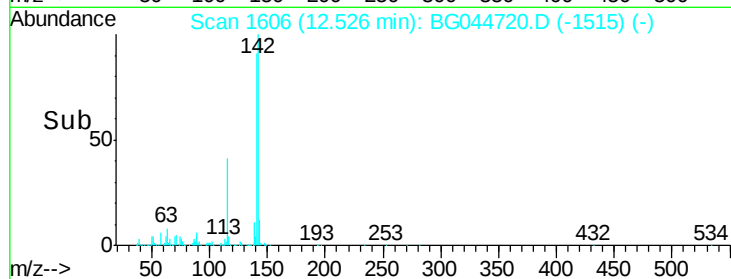
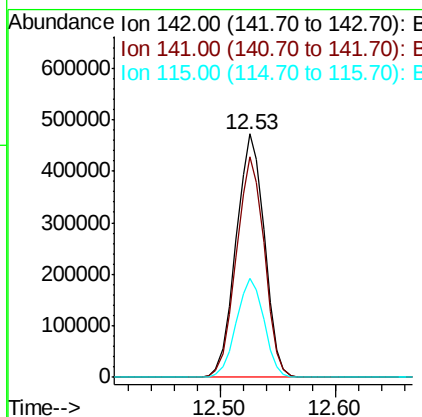
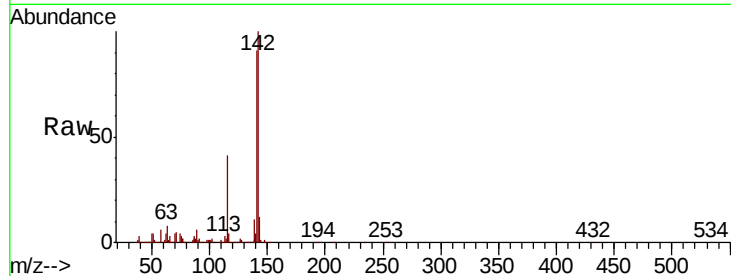
#37
2-Methylnaphthalene
Concen: 39.916 ng
RT: 12.53 min Scan# 1606
Delta R.T. 0.00 min
Lab File: BG044720.D
Acq: 11 Mar 2020 14:50

Instrument :
BNA_G
ClientSampleId :
PB127319BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.7	72.3	108.5
115	40.5	30.6	45.8

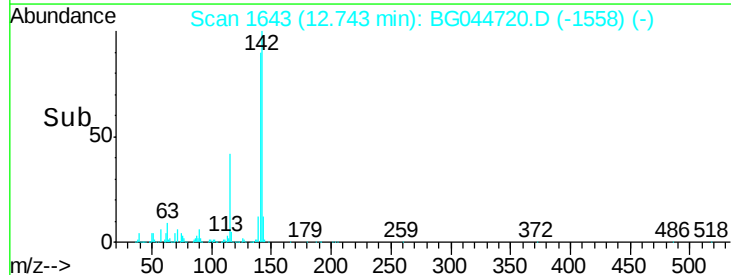
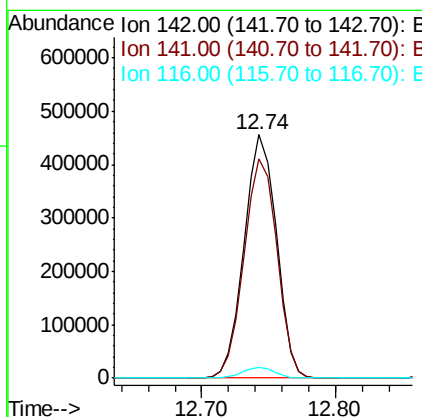
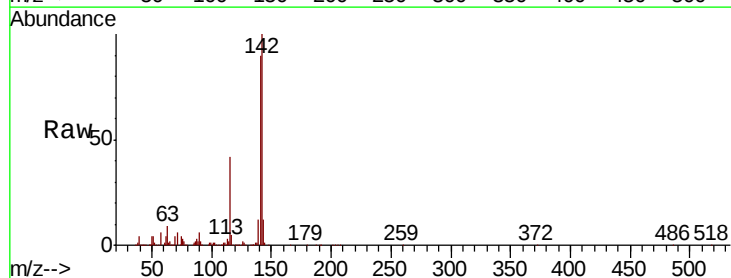
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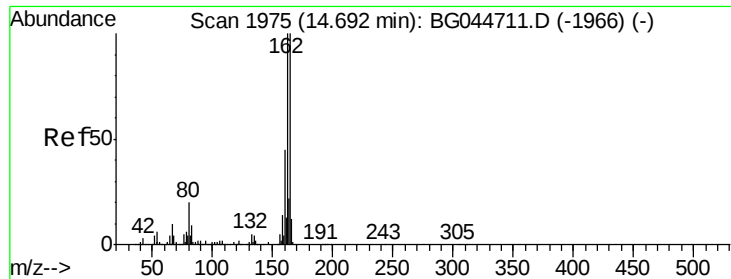
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#38
1-Methylnaphthalene
Concen: 40.391 ng
RT: 12.74 min Scan# 1643
Delta R.T. 0.00 min
Lab File: BG044720.D
Acq: 11 Mar 2020 14:50

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.2	72.2	108.2
116	4.5	3.5	5.3





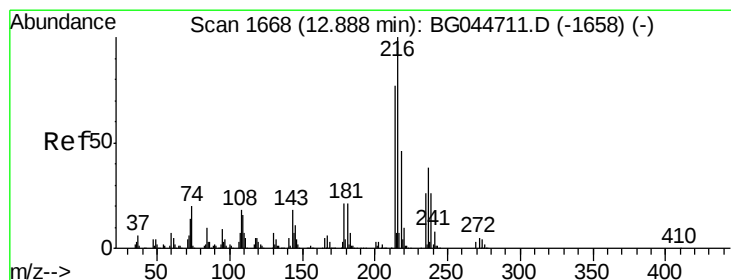
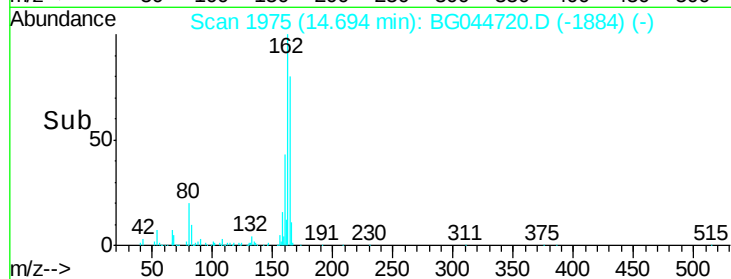
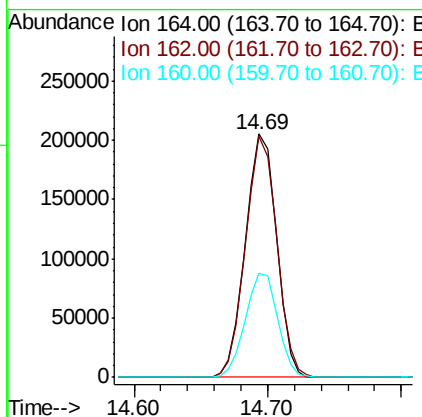
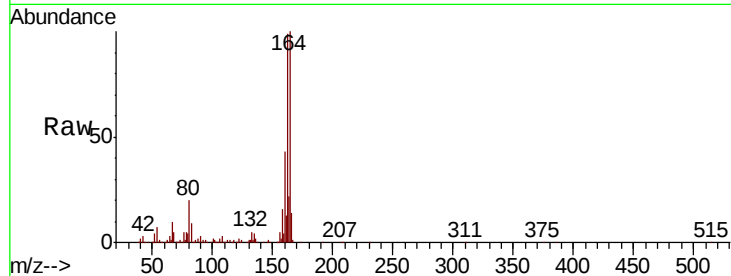
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BG044720.D
Acq: 11 Mar 2020 14:50

Instrument :
BNA_G
ClientSampleId :
PB127319BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.0	80.2	120.4
160	43.0	36.2	54.2

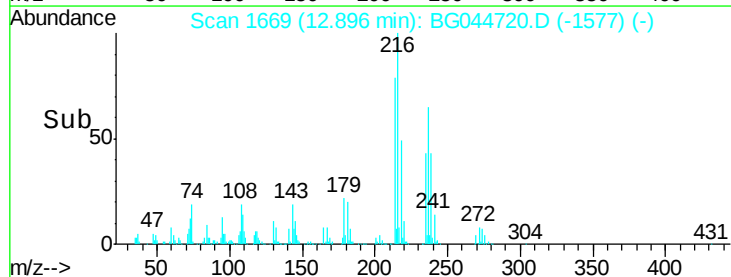
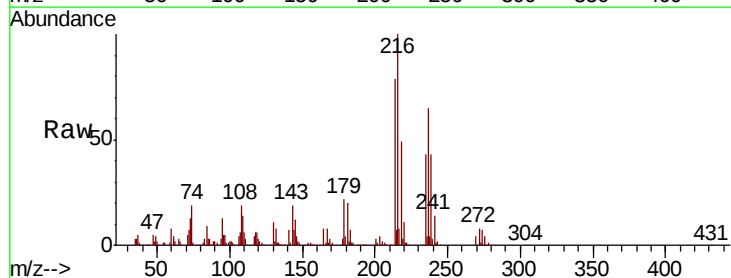
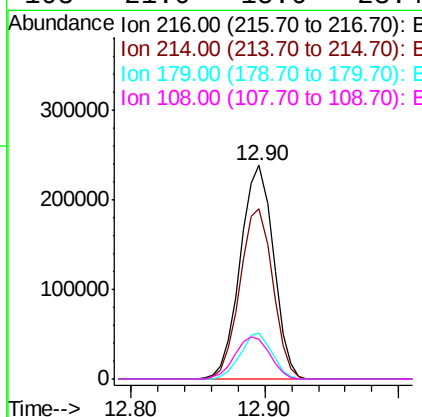
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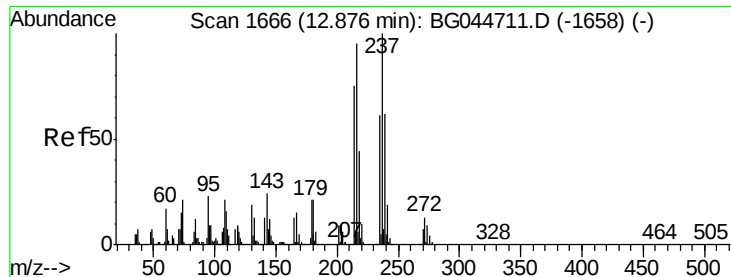
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.505 ng
RT: 12.90 min Scan# 1669
Delta R.T. 0.01 min
Lab File: BG044720.D
Acq: 11 Mar 2020 14:50

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.0	94.4
179	20.6	16.6	24.8
108	21.0	15.6	23.4





#41

Hexachlorocyclopentadiene

Concen: 83.174 ng

RT: 12.88 min Scan# 1667

Delta R.T. 0.01 min

Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

Instrument :

BNA_G

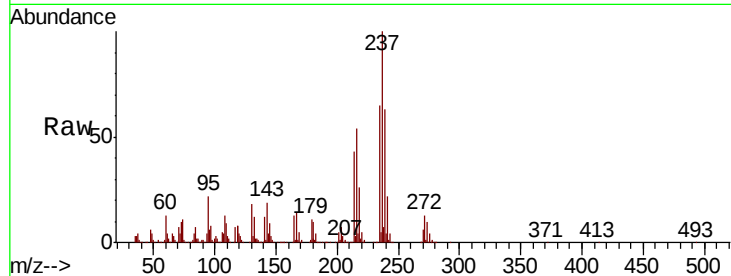
ClientSampleId :

PB127319BSD

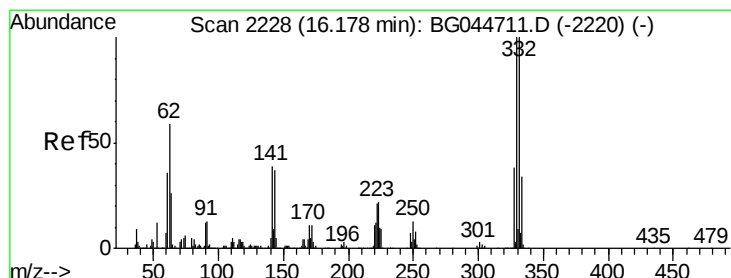
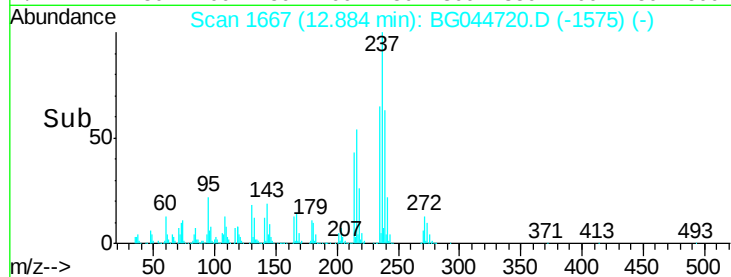
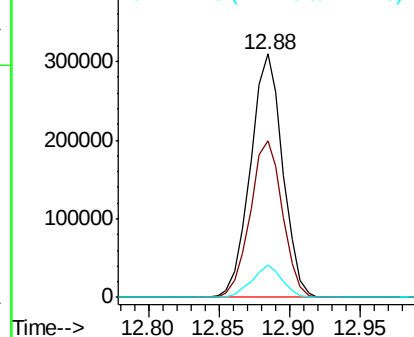
Tot Ion:	237	Resp:	495825
Ion Ratio	Lower	Upper	
237	100		
235	64.5	40.6	80.6
272	13.1	0.0	32.5

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



#42

2,4,6-Tribromophenol

Concen: 111.117 ng

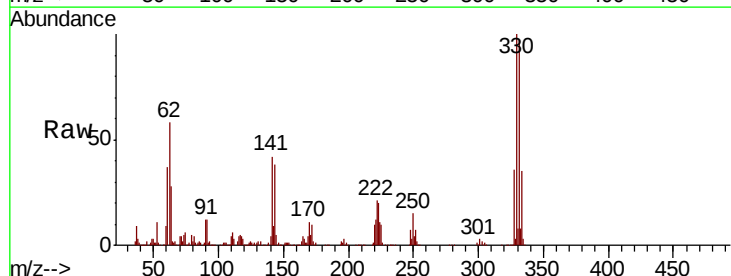
RT: 16.18 min Scan# 2228

Delta R.T. 0.00 min

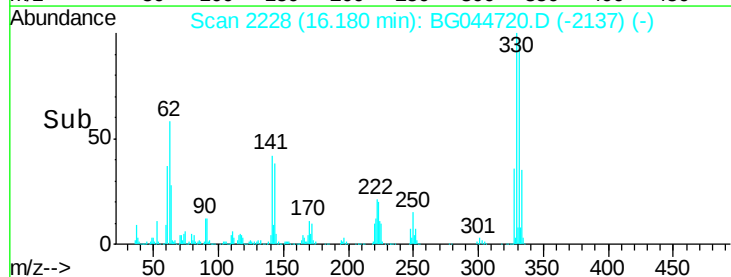
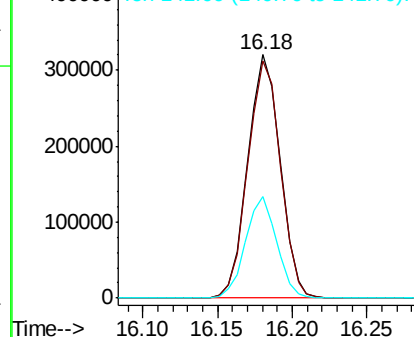
Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

Tgt Ion:	330	Resp:	481896
Ion Ratio	Lower	Upper	
330	100		
332	98.1	77.5	116.3
141	40.3	31.7	47.5



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





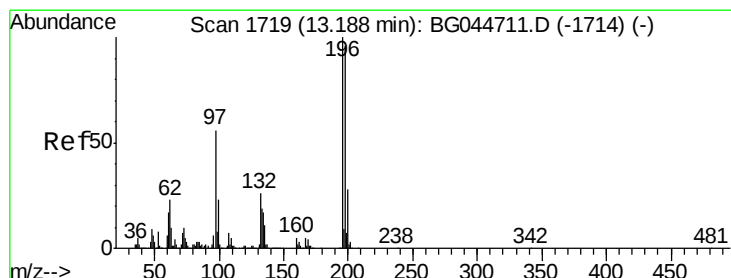
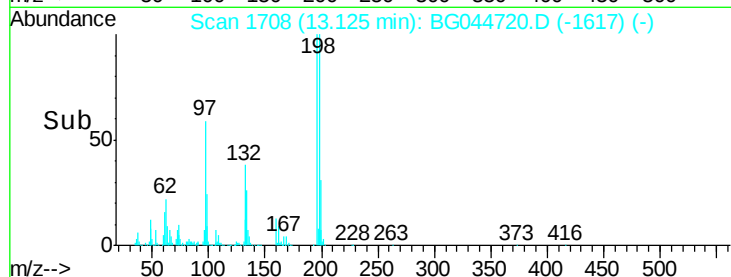
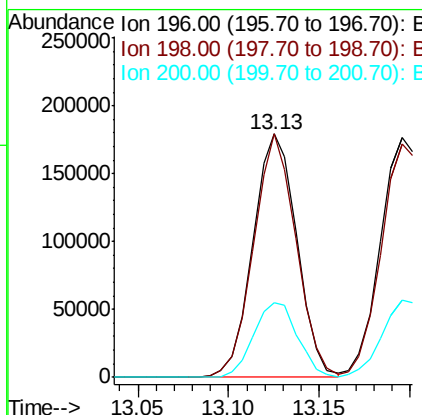
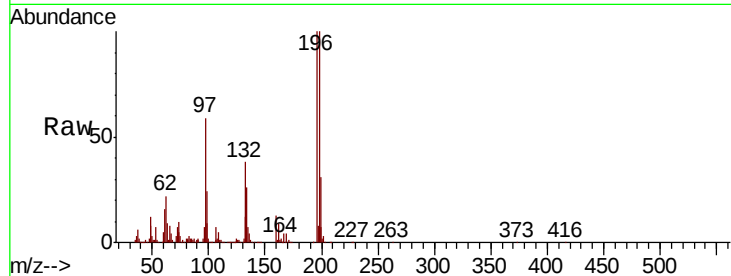
#43
2,4,6-Trichlorophenol
Concen: 41.534 ng
RT: 13.13 min Scan# 1708
Delta R.T. 0.00 min
Lab File: BG044720.D
Acq: 11 Mar 2020 14:50

Instrument :
BNA_G
ClientSampleId :
PB127319BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	300671		
198	99.9	76.5	114.7	
200	30.6	25.9	38.9	

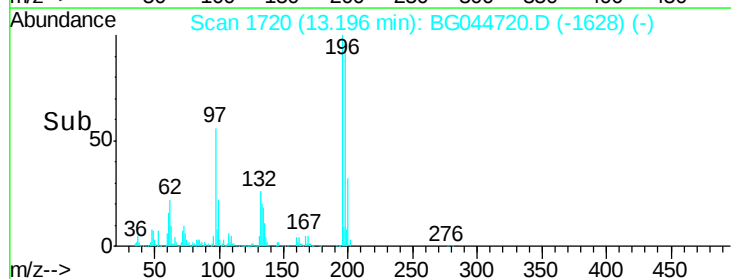
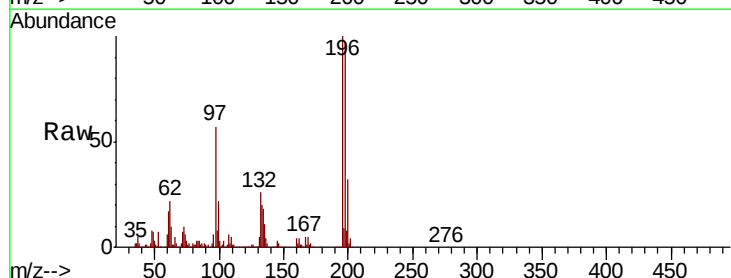
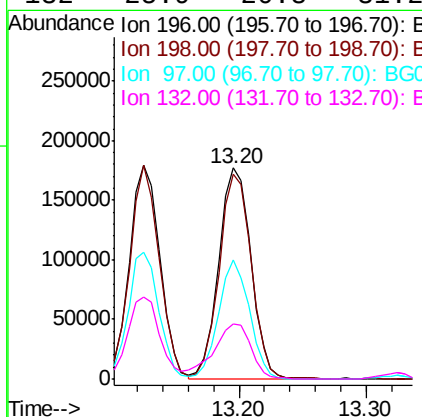
Manual Integrations
APPROVED

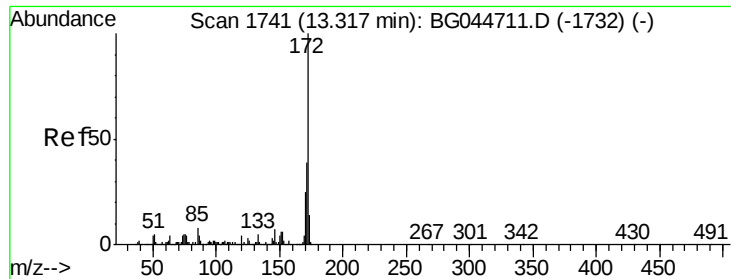
mohammad
3/16/2020 1:46:28 PM



#44
2,4,5-Trichlorophenol
Concen: 41.617 ng
RT: 13.20 min Scan# 1720
Delta R.T. 0.01 min
Lab File: BG044720.D
Acq: 11 Mar 2020 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	312438		
198	97.2	77.3	115.9	
97	56.7	44.9	67.3	
132	25.9	20.8	31.2	





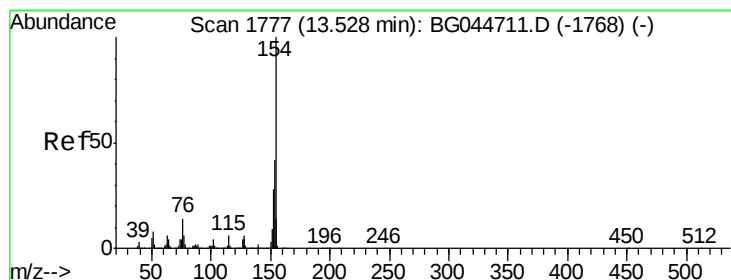
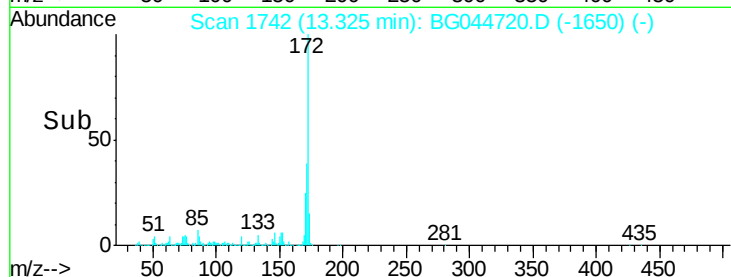
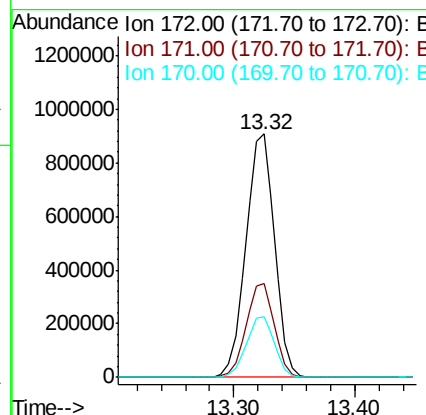
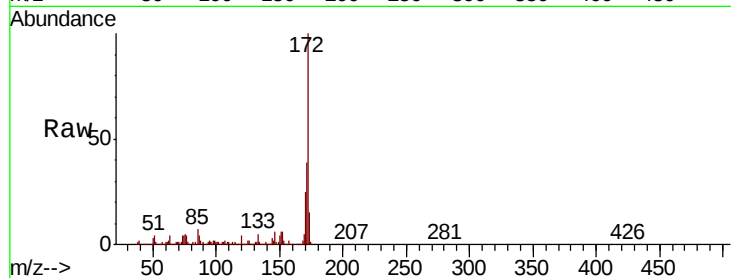
#45
2-Fluorobiphenyl
Concen: 64.851 ng
RT: 13.32 min Scan# 1742
Delta R.T. 0.01 min
Lab File: BG044720.D
Acq: 11 Mar 2020 14:50

Instrument :
BNA_G
ClientSampleId :
PB127319BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.5	30.8	46.2
170	24.9	20.0	30.0

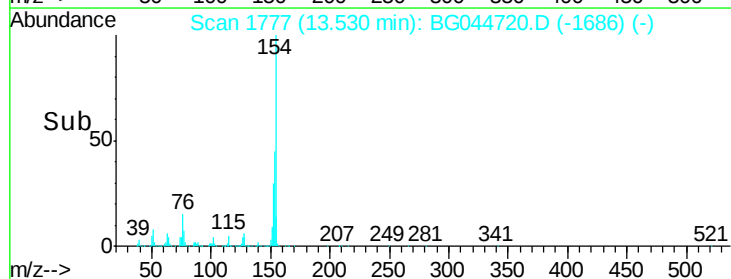
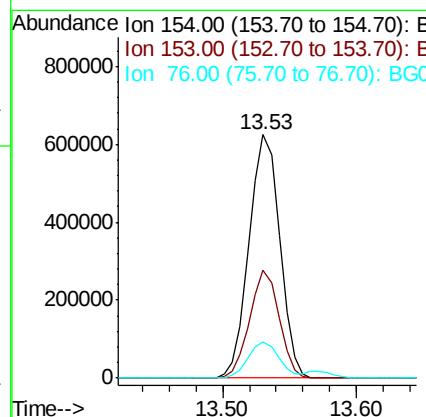
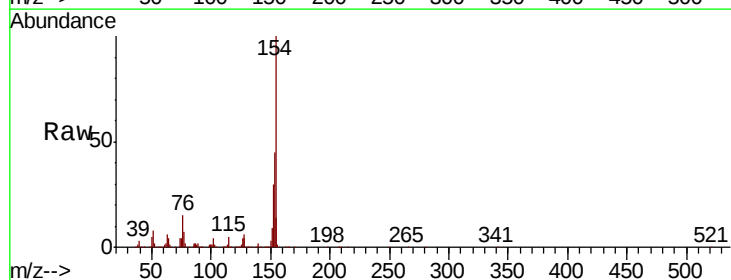
Manual Integrations
APPROVED

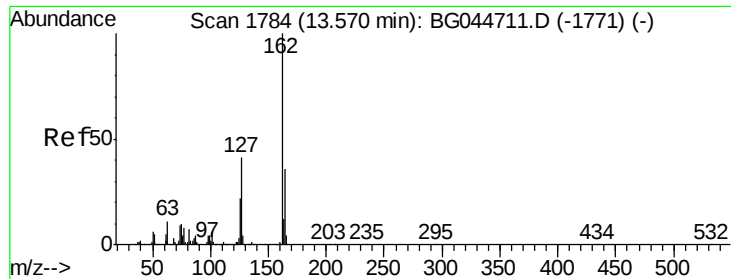
mohammad
3/16/2020 1:46:28 PM



#46
1,1'-Biphenyl
Concen: 37.403 ng
RT: 13.53 min Scan# 1777
Delta R.T. 0.00 min
Lab File: BG044720.D
Acq: 11 Mar 2020 14:50

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.5	22.0	62.0
76	15.1	0.0	34.2





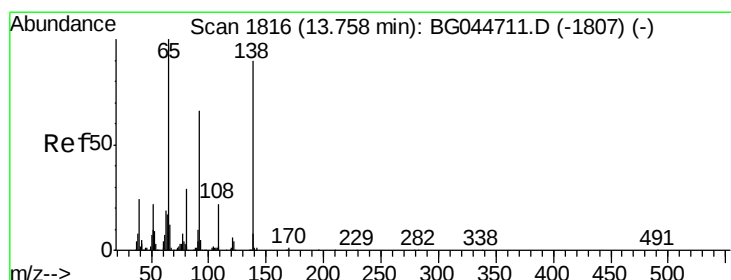
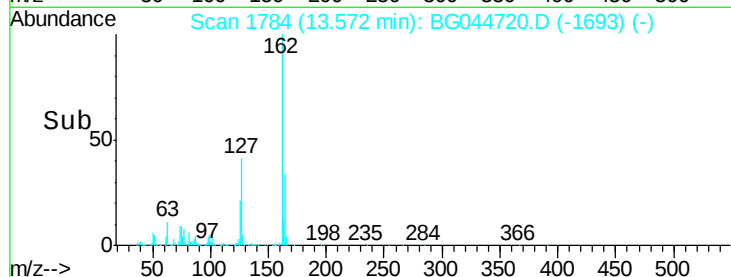
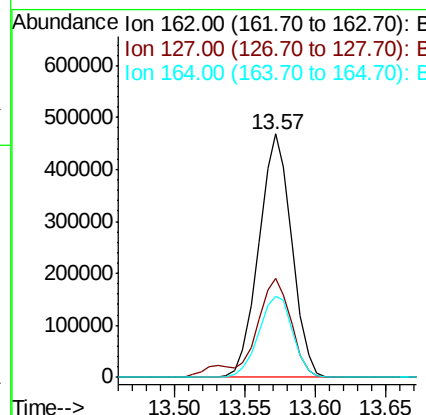
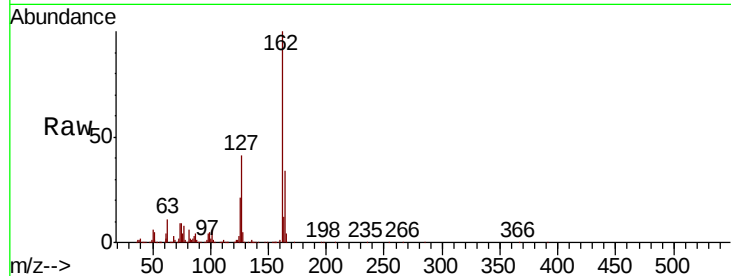
#47
 2-Chloronaphthalene
 Concen: 37.850 ng
 RT: 13.57 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: BG044720.D
 Acq: 11 Mar 2020 14:50

Instrument :
 BNA_G
 ClientSampleId :
 PB127319BSD

Tot Ion:	162	Resp:	765322
Ion Ratio	Lower	Upper	
162	100		
127	40.6	32.6	48.8
164	33.5	29.0	43.4

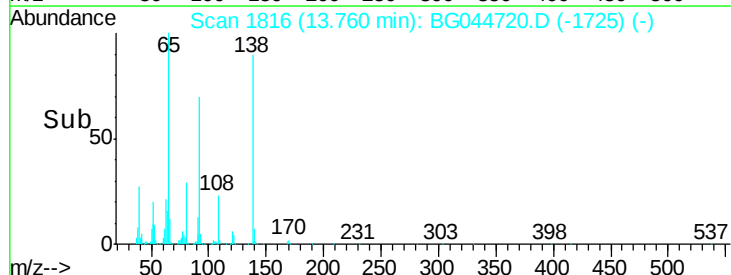
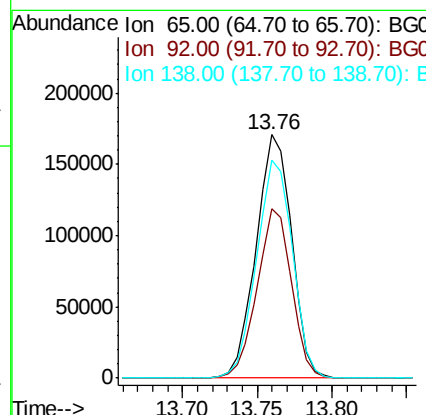
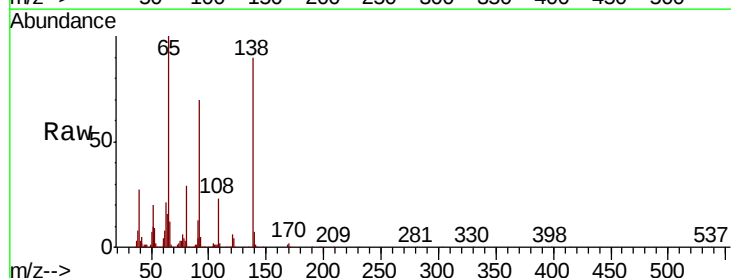
Manual Integrations
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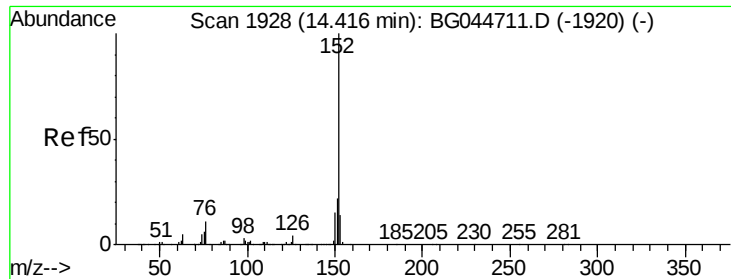
mohammad
 3/16/2020 1:46:28 PM



#48
 2-Nitroaniline
 Concen: 39.739 ng
 RT: 13.76 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: BG044720.D
 Acq: 11 Mar 2020 14:50

Tgt Ion:	65	Resp:	281306
Ion Ratio	Lower	Upper	
65	100		
92	69.7	52.6	79.0
138	89.8	71.8	107.6





#49

Acenaphthylene

Concen: 39.383 ng

RT: 14.42 min Scan# 1928

Delta R.T. 0.00 min

Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

Instrument :

BNA_G

ClientSampleId :

PB127319BSD

Tot Ion:152 Resp: 1247538

Ion Ratio Lower Upper

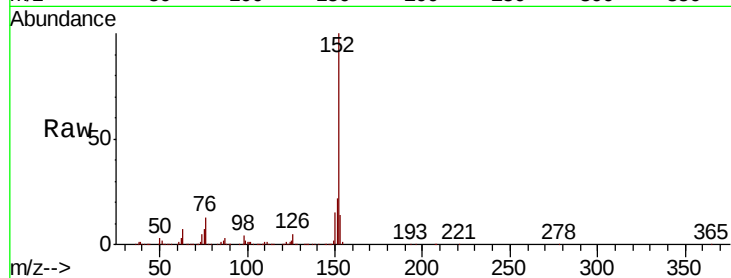
152 100

151 21.7 17.8 26.8

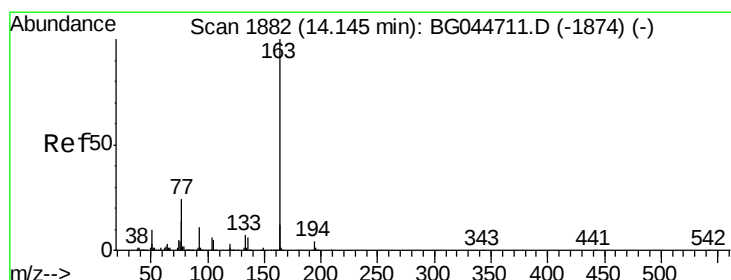
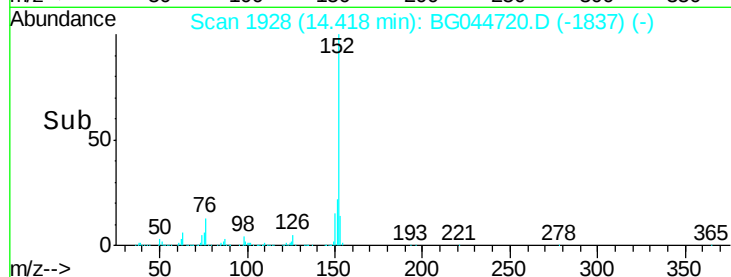
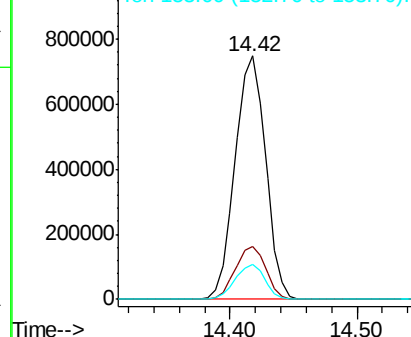
153 14.2 11.4 17.0

Manual Integrations
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.399 ng

RT: 14.15 min Scan# 1883

Delta R.T. 0.01 min

Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

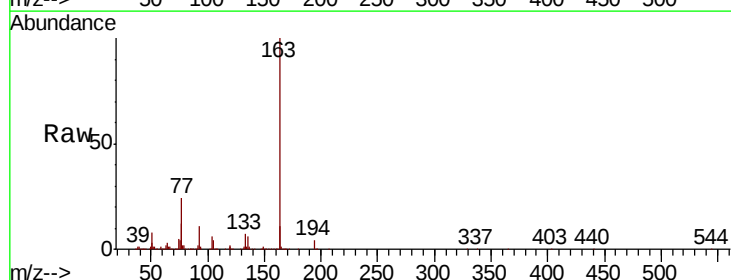
Tgt Ion:163 Resp: 1012980

Ion Ratio Lower Upper

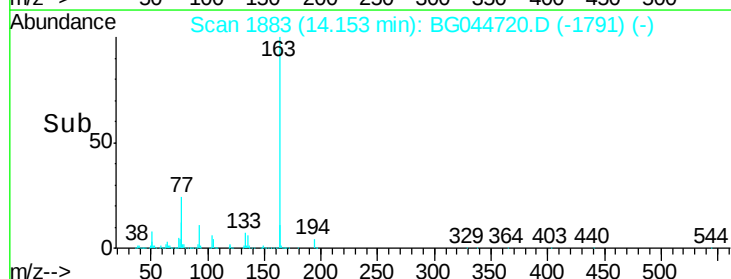
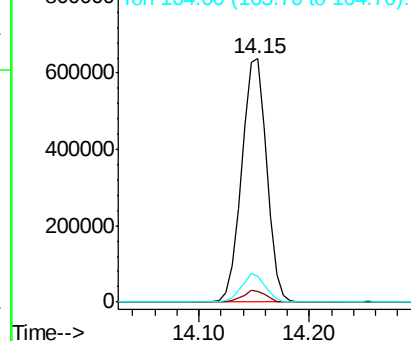
163 100

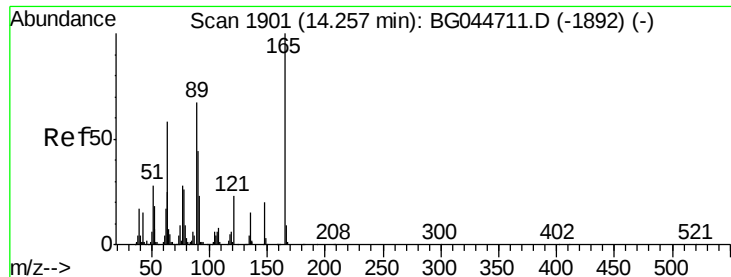
194 4.3 3.5 5.3

164 10.5 9.2 13.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 41.645 ng

RT: 14.26 min Scan# 1901

Delta R.T. 0.00 min

Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

Instrument :

BNA_G

ClientSampleId :

PB127319BSD

Tot Ion:165 Resp: 221442

Ion Ratio Lower Upper

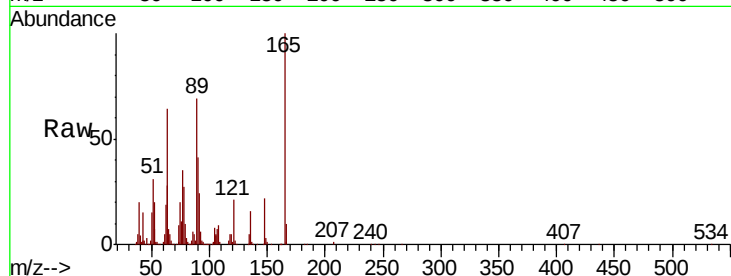
165 100

63 64.1 48.9 73.3

89 68.7 53.8 80.8

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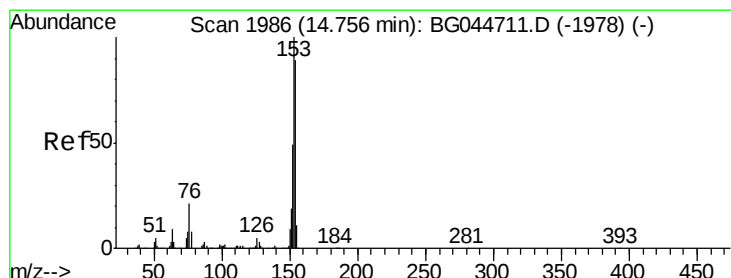
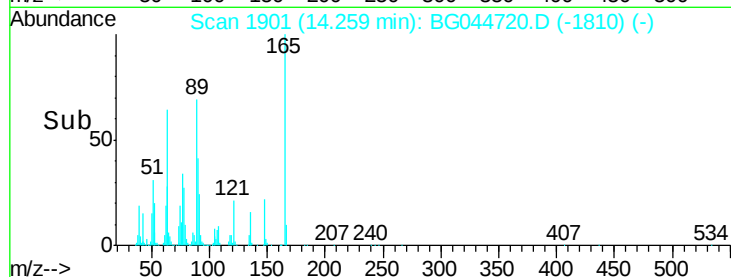
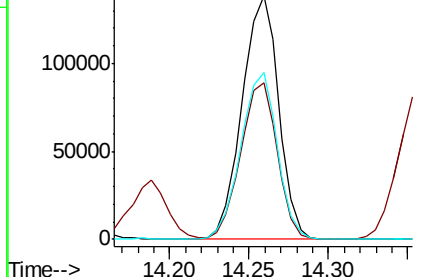
mohammad
3/16/2020 1:46:28 PM



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 42.475 ng

RT: 14.76 min Scan# 1986

Delta R.T. 0.00 min

Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

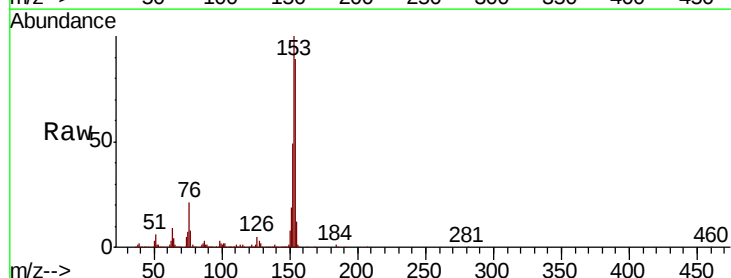
Tgt Ion:154 Resp: 881168

Ion Ratio Lower Upper

154 100

153 112.5 89.8 134.8

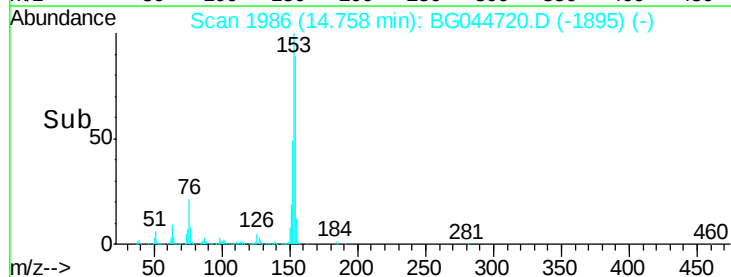
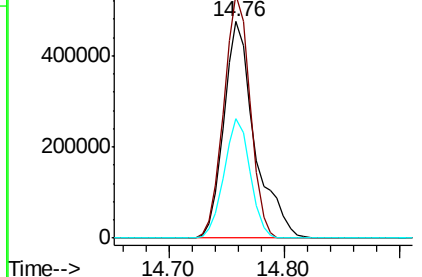
152 55.3 44.4 66.6

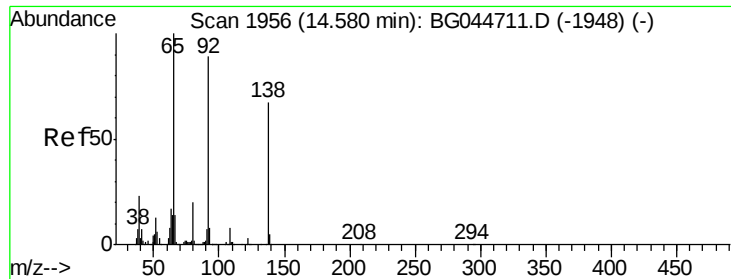


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





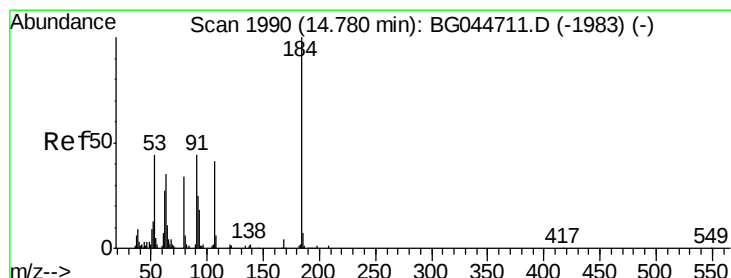
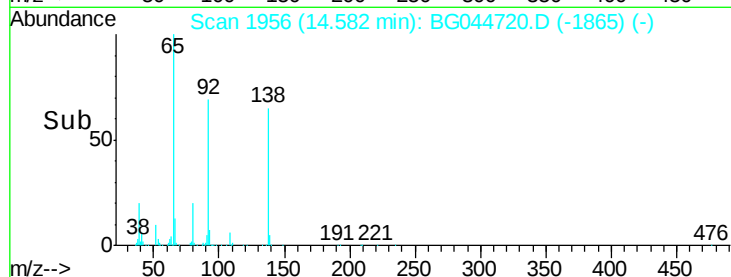
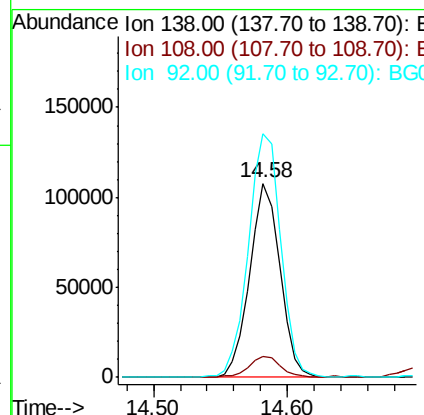
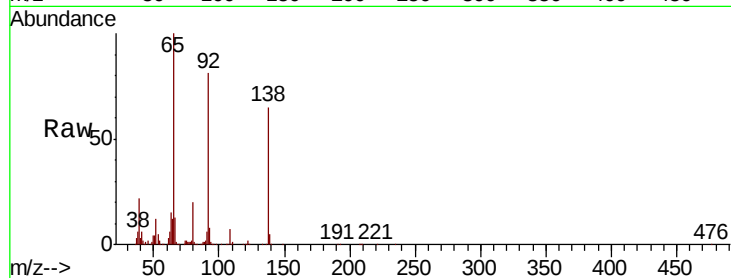
#53
3-Nitroaniline
Concen: 27.574 ng
RT: 14.58 min Scan# 1956
Delta R.T. 0.00 min
Lab File: BG044720.D
Acq: 11 Mar 2020 14:50

Instrument :
BNA_G
ClientSampleId :
PB127319BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.1	9.2	13.8
92	125.6	105.6	158.4

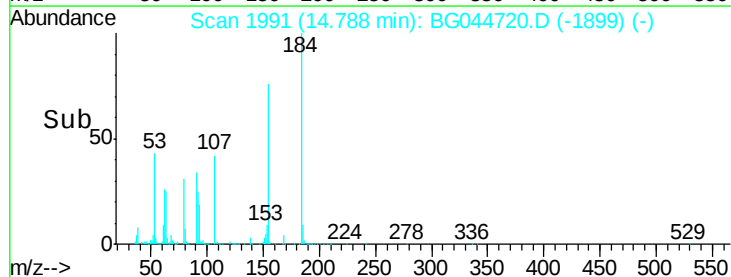
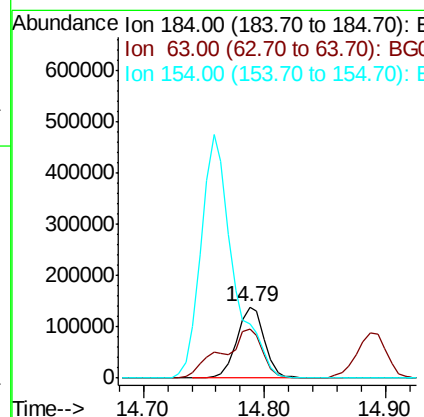
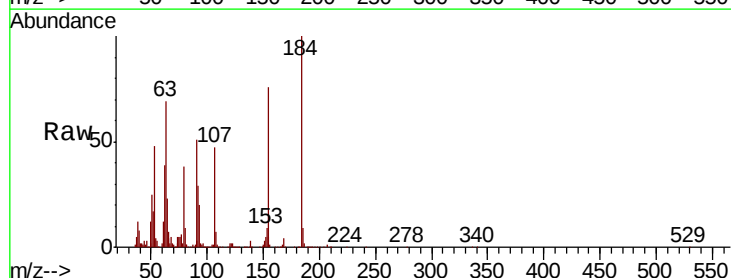
Manual Integrations
APPROVED

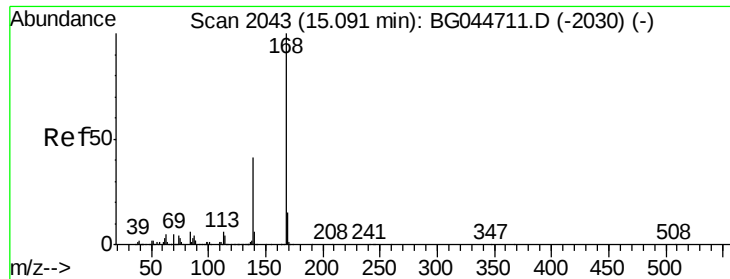
mohammad
3/16/2020 1:46:28 PM



#54
2,4-Dinitrophenol
Concen: 79.126 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BG044720.D
Acq: 11 Mar 2020 14:50

Tgt Ion	Ratio	Lower	Upper
184	100		
63	68.5	49.0	73.6
154	75.6	94.5	141.7#





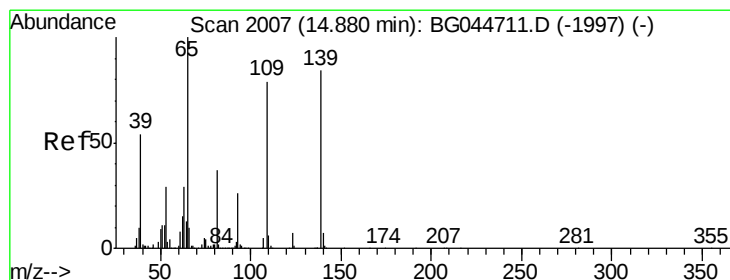
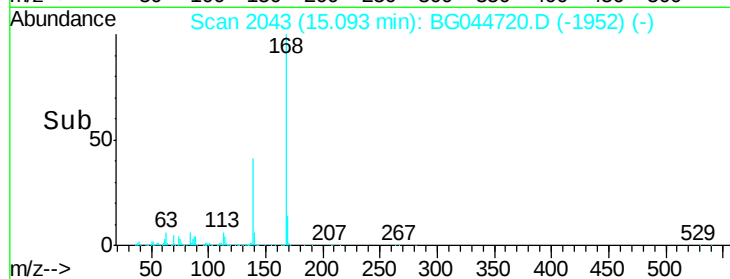
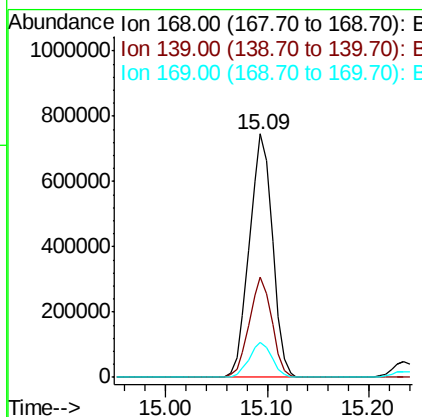
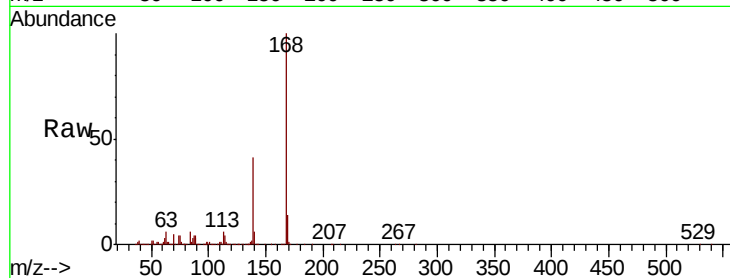
#55
Dibenzofuran
Concen: 39.212 ng
RT: 15.09 min Scan# 2043
Delta R.T. 0.00 min
Lab File: BG044720.D
Acq: 11 Mar 2020 14:50

Instrument :
BNA_G
ClientSampleId :
PB127319BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.2	32.6	49.0
169	14.4	11.8	17.6

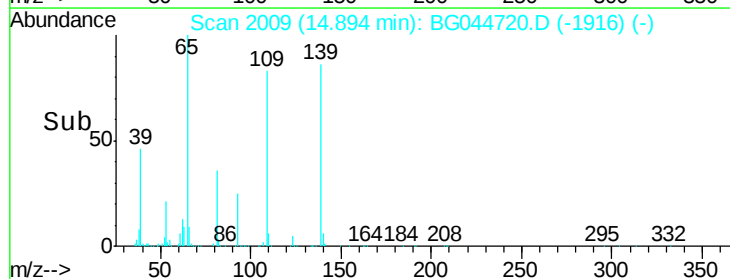
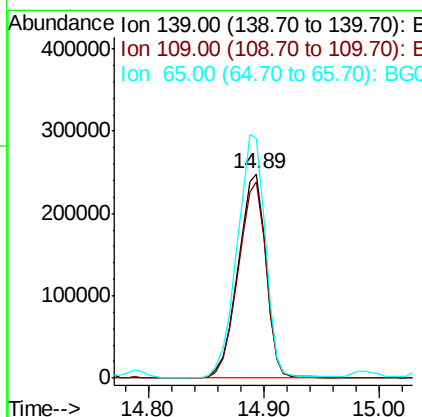
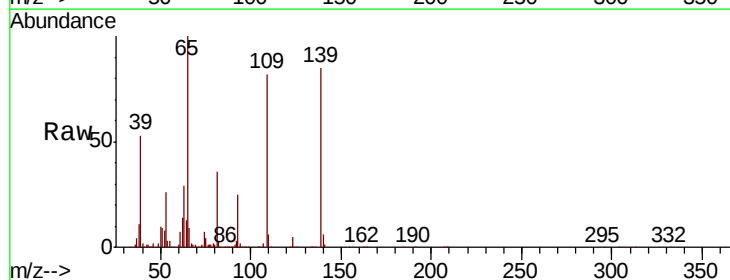
Manual Integrations
APPROVED

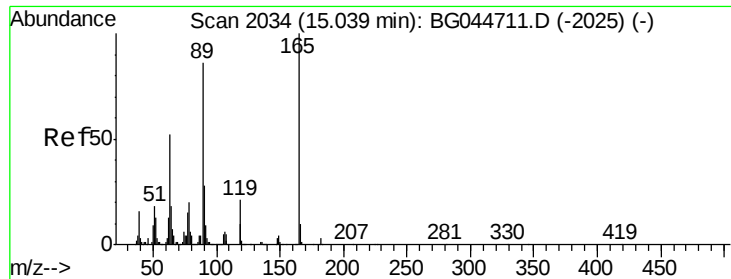
mohammad
3/16/2020 1:46:28 PM



#56
4-Nitrophenol
Concen: 89.077 ng
RT: 14.89 min Scan# 2009
Delta R.T. 0.01 min
Lab File: BG044720.D
Acq: 11 Mar 2020 14:50

Tgt Ion	Ratio	Lower	Upper
139	100		
109	96.2	74.1	114.1
65	117.7	98.6	138.6





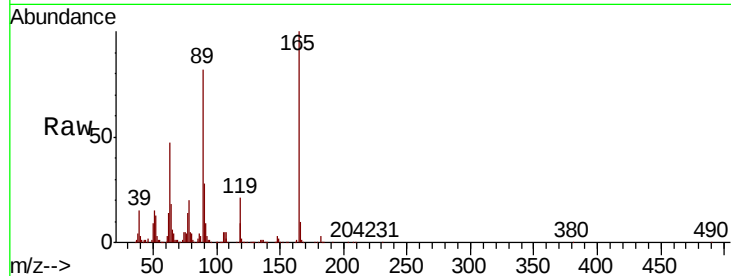
#57
2,4-Dinitrotoluene
Concen: 42.604 ng
RT: 15.05 min Scan# 2035
Delta R.T. 0.01 min
Lab File: BG044720.D
Acq: 11 Mar 2020 14:50

Instrument :
BNA_G
ClientSampleId :
PB127319BSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	46.7	41.5	62.3
89	82.1	69.0	103.4
182	2.7	2.7	4.1#

Manual Integrations
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3/16/2020 1:46:28 PM



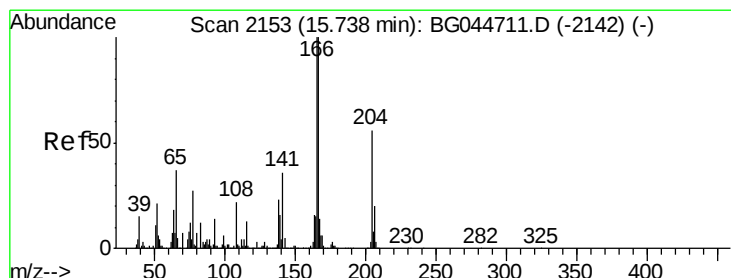
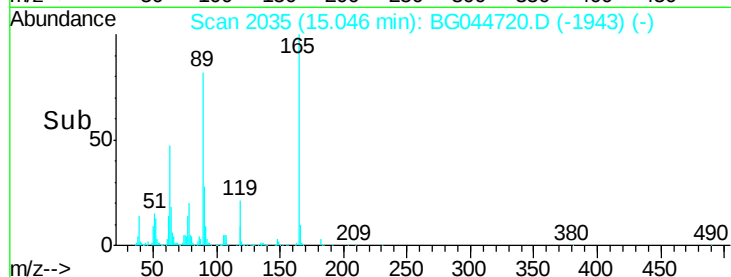
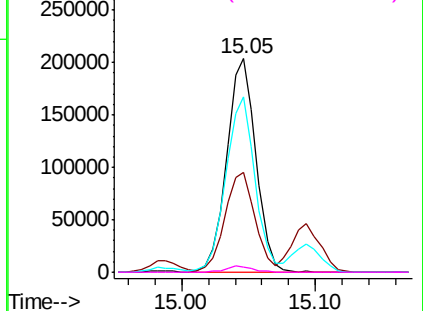
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 38.659 ng
RT: 15.75 min Scan# 2154
Delta R.T. 0.01 min
Lab File: BG044720.D
Acq: 11 Mar 2020 14:50

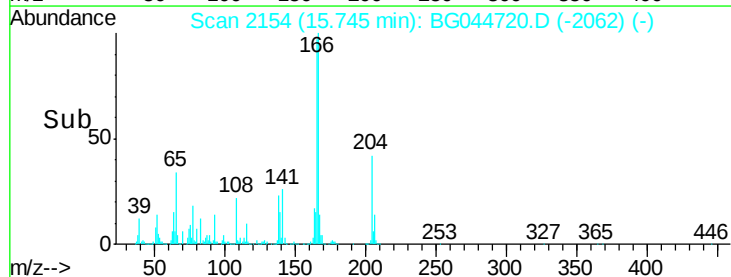
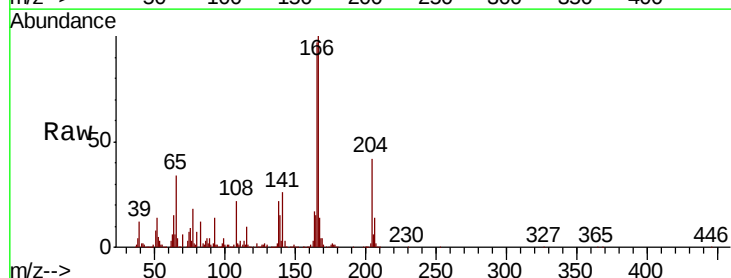
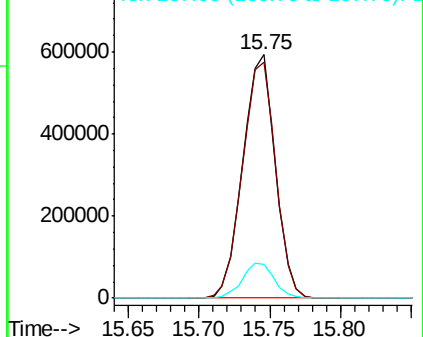
Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.8	79.6	119.4
167	14.0	11.4	17.2

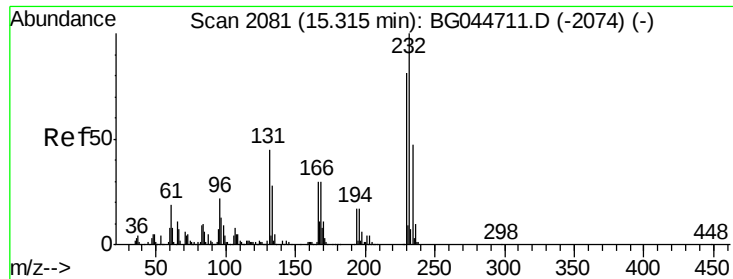
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





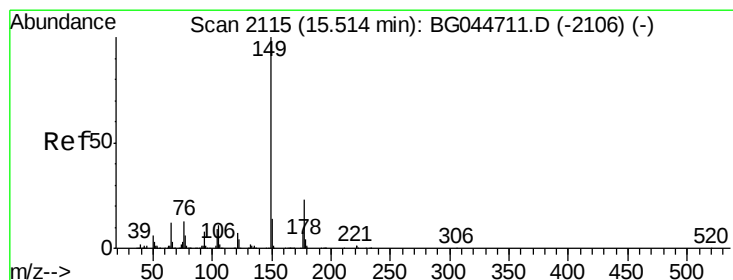
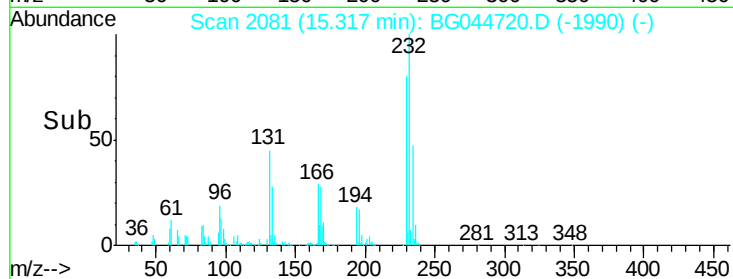
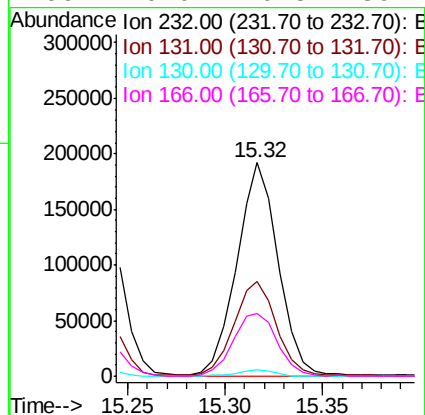
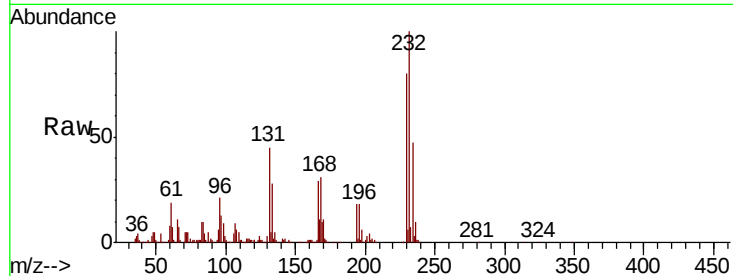
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.703 ng m
RT: 15.32 min Scan# 2081
Delta R.T. 0.00 min
Lab File: BG044720.D
Acq: 11 Mar 2020 14:50

Instrument :
BNA_G
ClientSampleId :
PB127319BSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	41.5	32.4	48.6
130	2.9	2.0	3.0
166	26.0	20.5	30.7

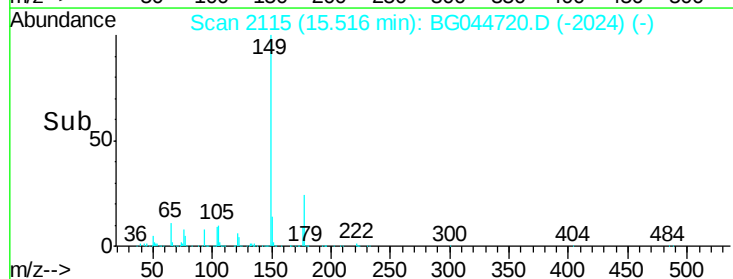
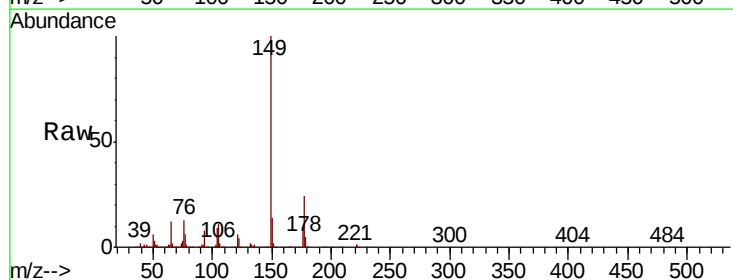
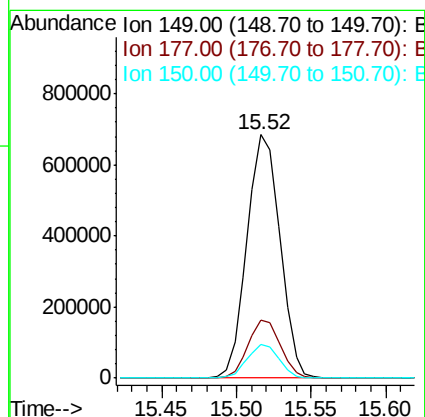
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#60
Diethylphthalate
Concen: 38.016 ng
RT: 15.52 min Scan# 2115
Delta R.T. 0.00 min
Lab File: BG044720.D
Acq: 11 Mar 2020 14:50

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.7	18.8	28.2
150	13.6	11.2	16.8





#61

4-Chlorophenyl-phenylether

Concen: 38.636 ng

RT: 15.74 min Scan# 2153

Delta R.T. 0.01 min

Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

Instrument :

BNA_G

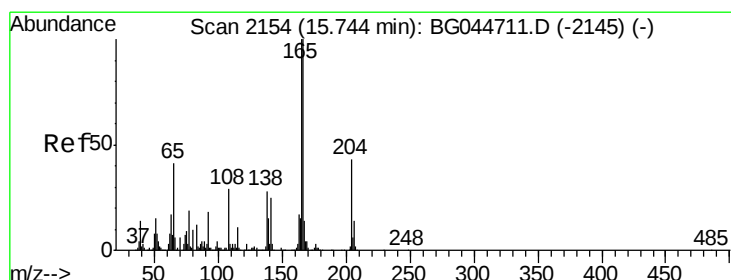
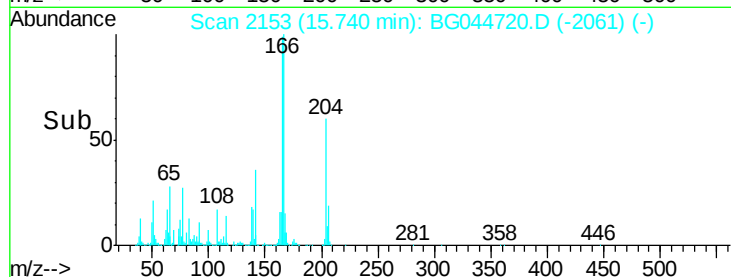
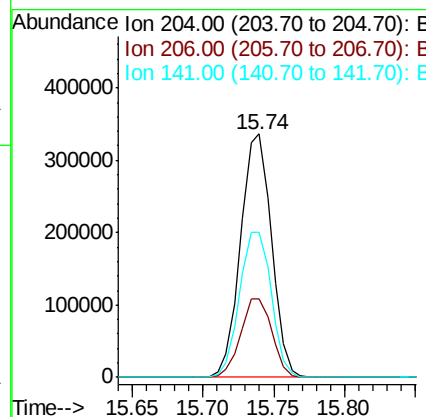
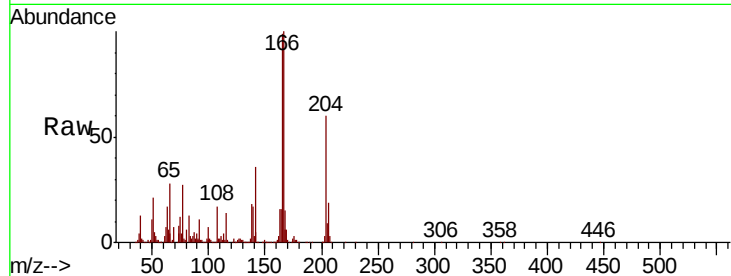
ClientSampleId :

PB127319BSD

Tot Ion:	204	Resp:	514838
Ion Ratio	Lower	Upper	
204	100		
206	32.1	25.8	38.6
141	59.5	50.8	76.2

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#62

4-Nitroaniline

Concen: 35.762 ng

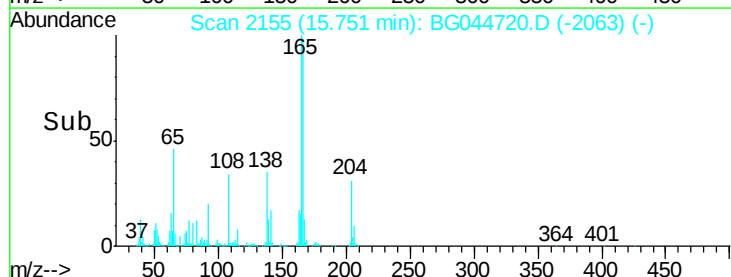
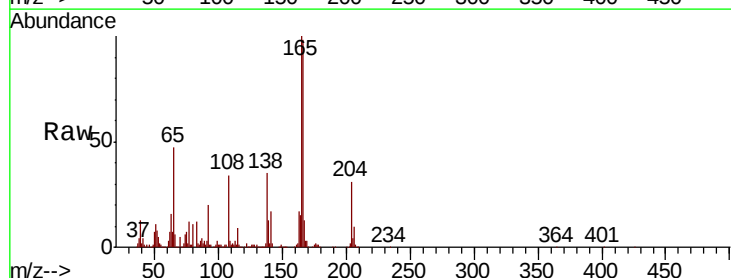
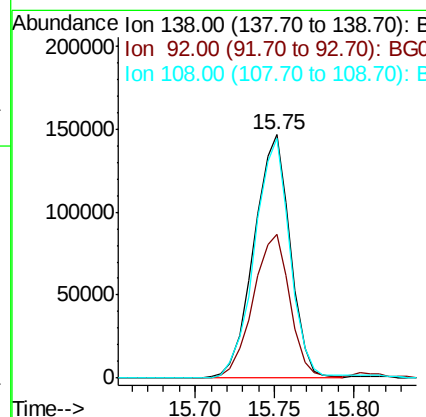
RT: 15.75 min Scan# 2155

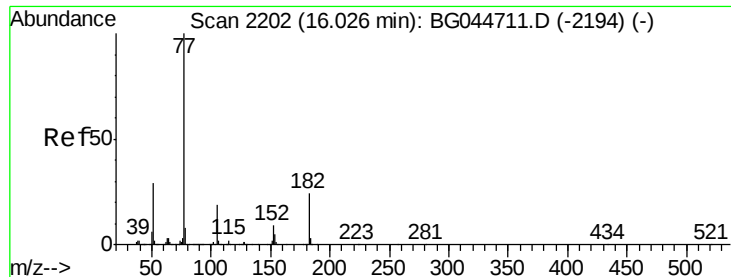
Delta R.T. 0.01 min

Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

Tgt Ion:	138	Resp:	233130
Ion Ratio	Lower	Upper	
138	100		
92	59.0	42.1	82.1
108	98.4	81.2	121.2





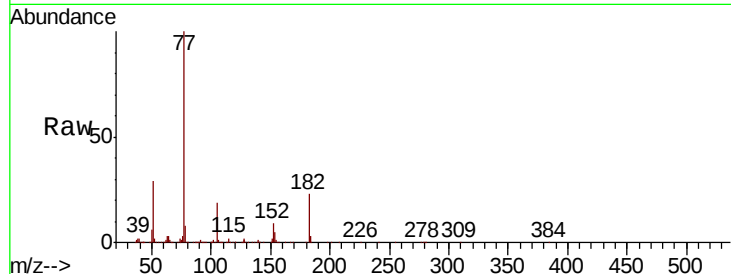
#63
Azobenzene
Concen: 38.460 ng
RT: 16.03 min Scan# 2202
Delta R.T. 0.00 min
Lab File: BG044720.D
Acq: 11 Mar 2020 14:50

Instrument :
BNA_G
ClientSampleId :
PB127319BSD

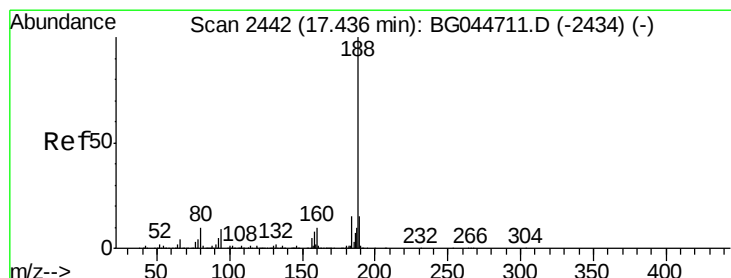
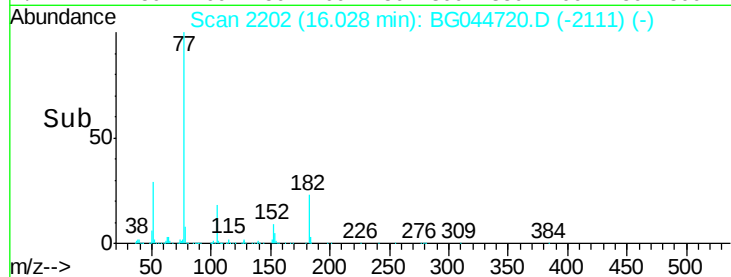
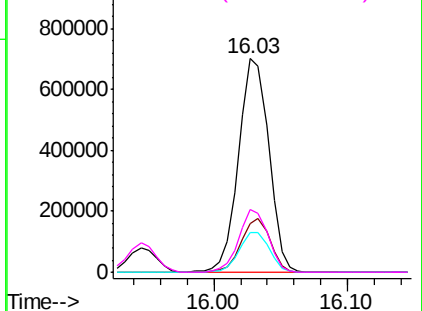
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	22.5	3.6	43.6	
105	18.6	0.0	39.3	
51	29.5	8.7	48.7	

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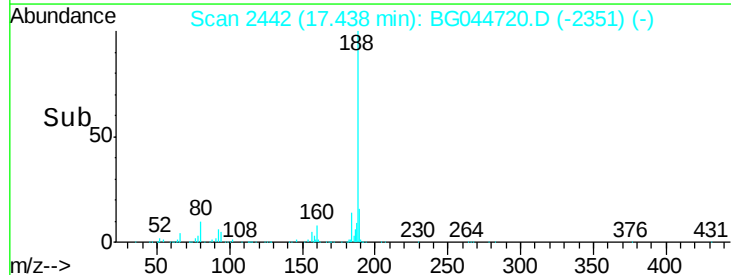
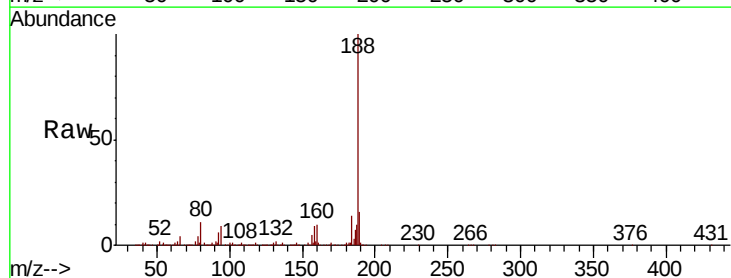
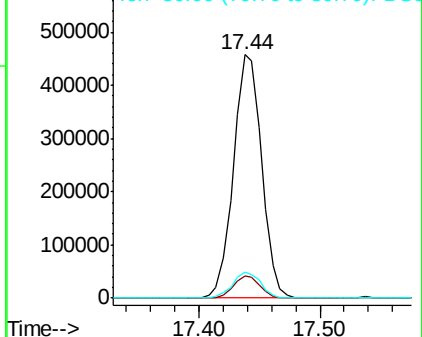
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

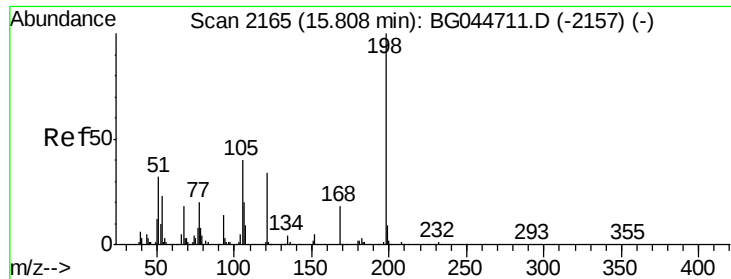


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2442
Delta R.T. 0.00 min
Lab File: BG044720.D
Acq: 11 Mar 2020 14:50

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.2	7.0	10.6	
80	10.6	8.4	12.6	

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





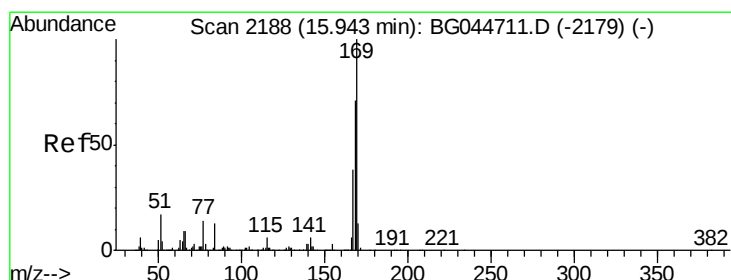
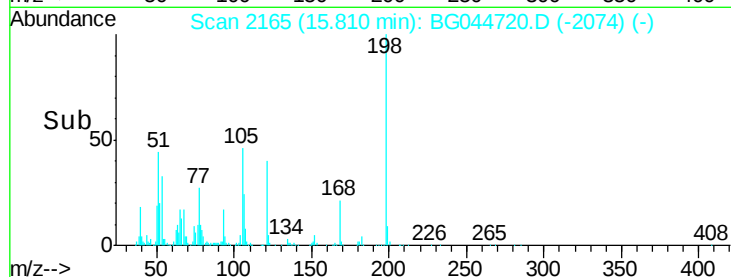
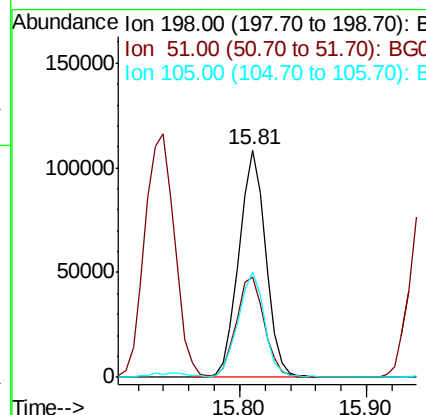
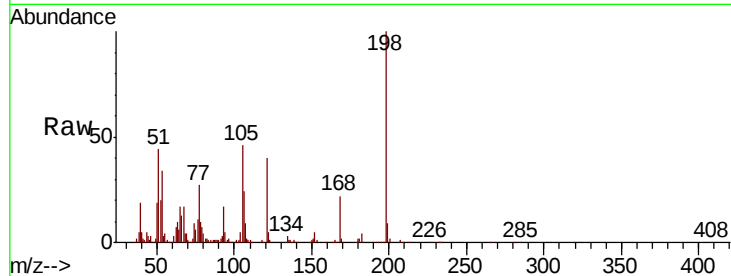
#65
 4,6-Dinitro-2-methylphenol
 Concen: 45.725 ng
 RT: 15.81 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: BG044720.D
 Acq: 11 Mar 2020 14:50

Instrument :
 BNA_G
 ClientSampleId :
 PB127319BSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	158442		
51	44.1	20.1	60.1	
105	46.2	21.3	61.3	

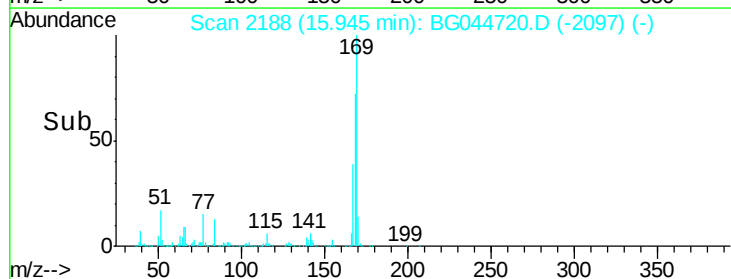
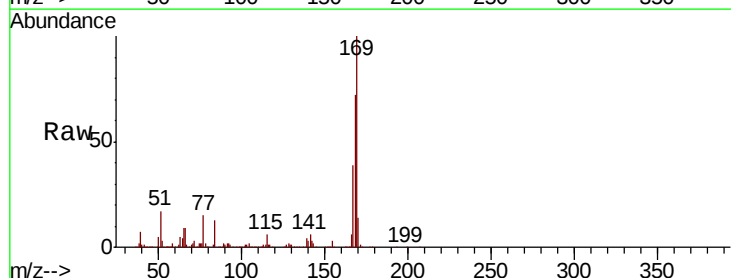
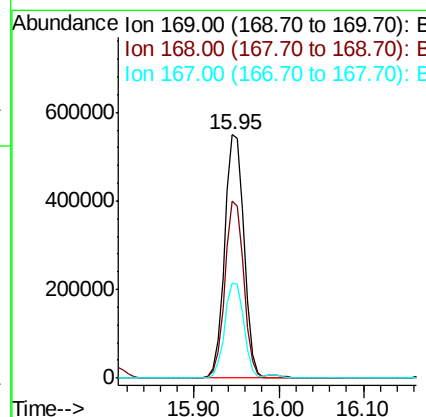
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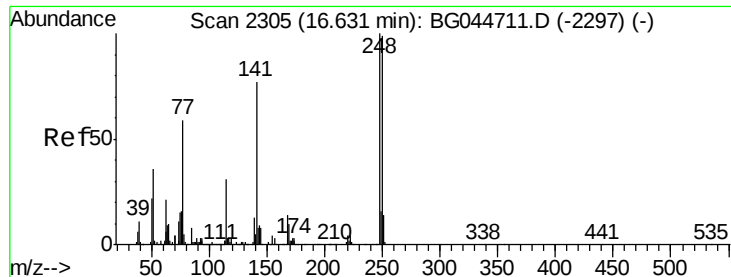
mohammad
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#66
 n-Nitrosodiphenylamine
 Concen: 39.134 ng
 RT: 15.95 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: BG044720.D
 Acq: 11 Mar 2020 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	875931		
168	72.5	56.6	85.0	
167	39.1	30.1	45.1	





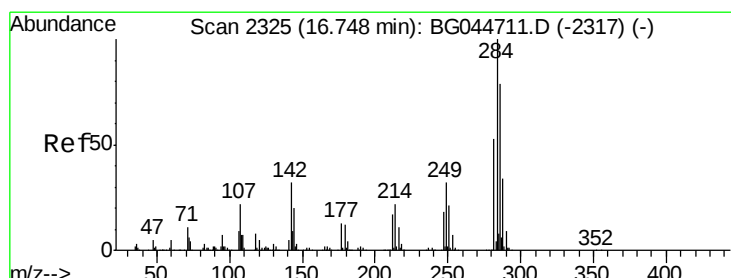
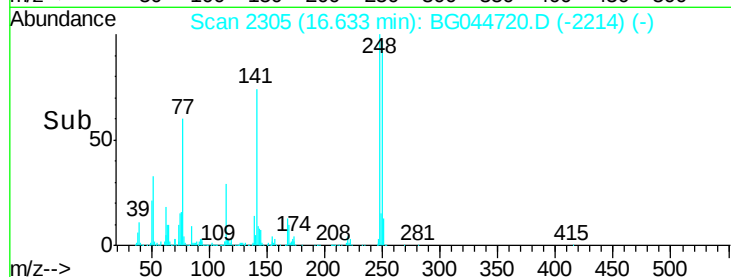
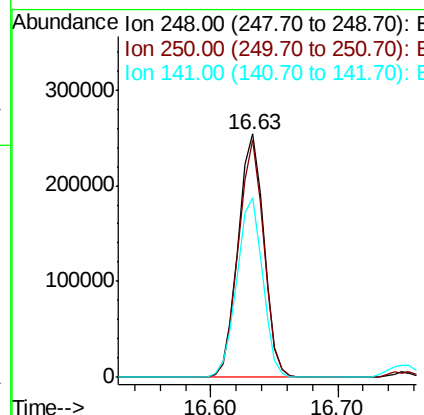
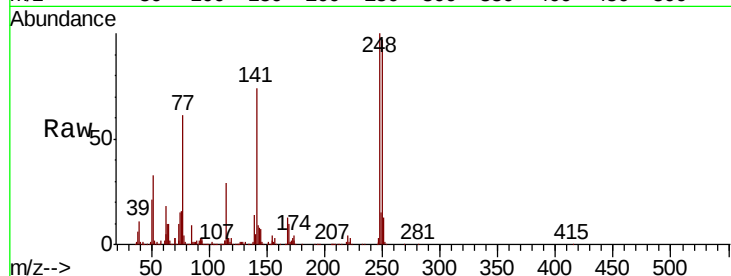
#67
4-Bromophenyl-phenylether
Concen: 38.288 ng
RT: 16.63 min Scan# 2305
Delta R.T. 0.00 min
Lab File: BG044720.D
Acq: 11 Mar 2020 14:50

Instrument :
BNA_G
ClientSampleId :
PB127319BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.4	79.4	119.0
141	73.6	61.7	92.5

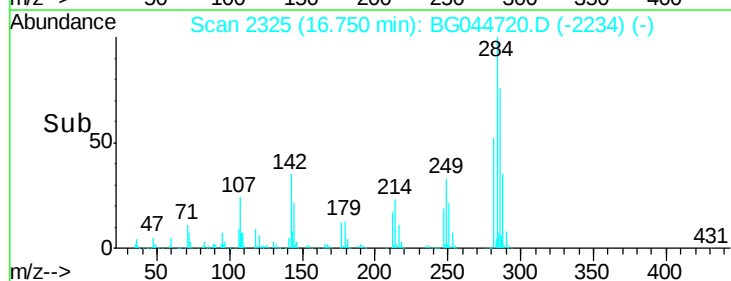
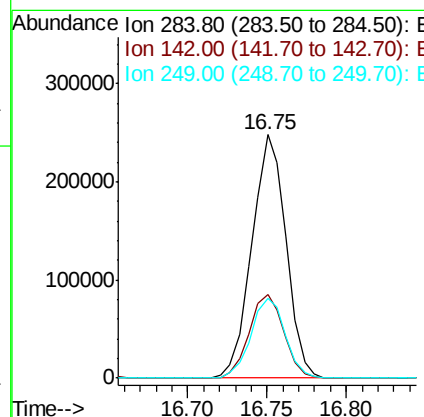
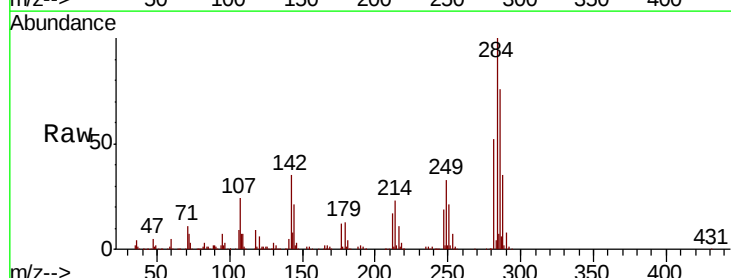
Manual Integrations
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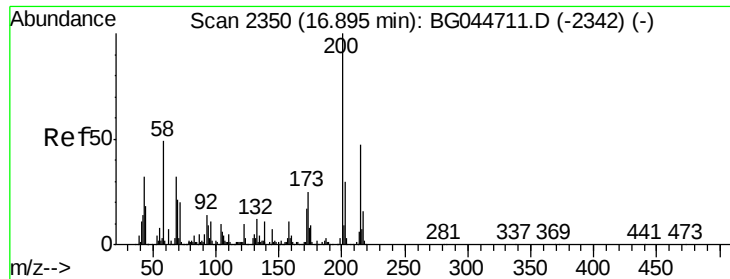
mohammad
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#68
Hexachlorobenzene
Concen: 36.855 ng
RT: 16.75 min Scan# 2325
Delta R.T. 0.00 min
Lab File: BG044720.D
Acq: 11 Mar 2020 14:50

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.5	25.6	38.4
249	32.8	25.8	38.6





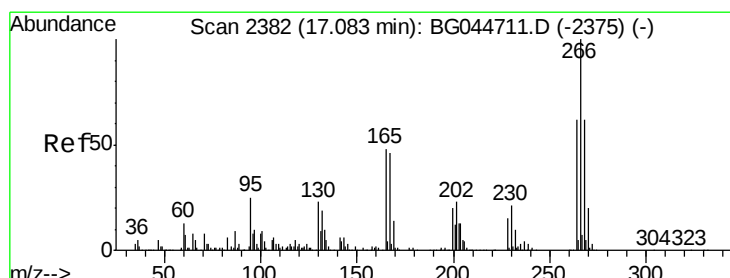
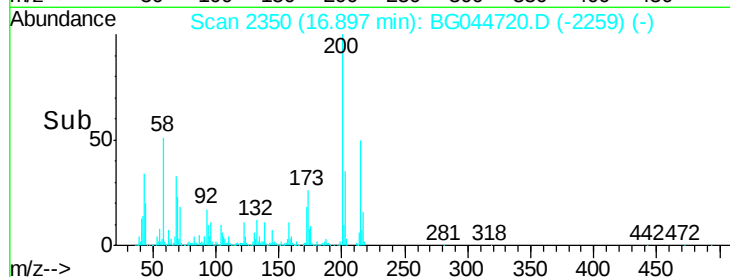
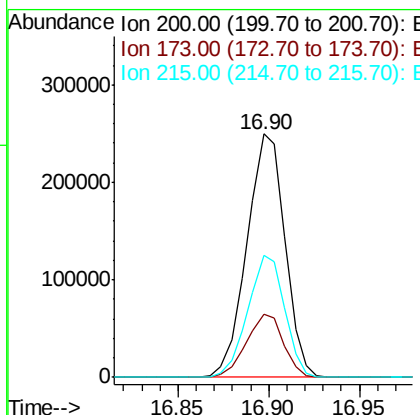
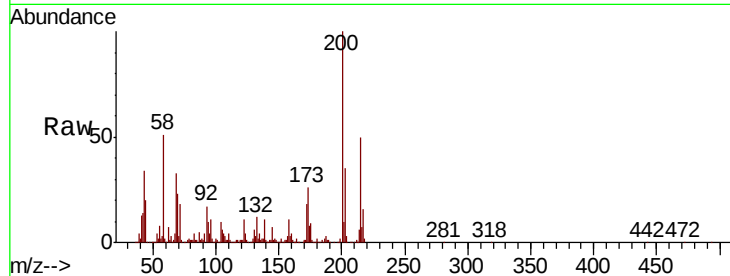
#69
Atrazine
Concen: 44.353 ng
RT: 16.90 min Scan# 2350
Delta R.T. 0.00 min
Lab File: BG044720.D
Acq: 11 Mar 2020 14:50

Instrument :
BNA_G
ClientSampleId :
PB127319BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	25.8	4.8	44.8
215	50.3	27.4	67.4

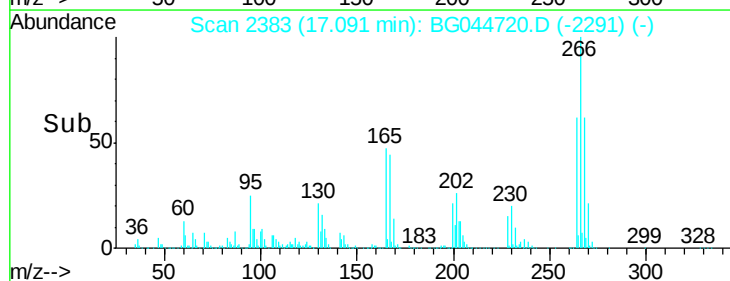
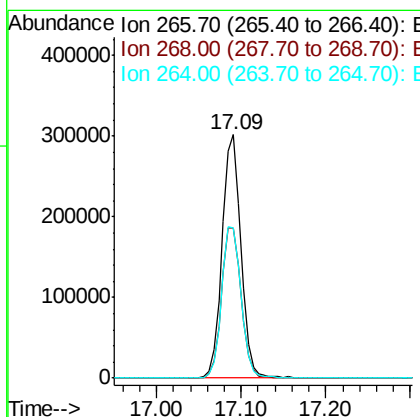
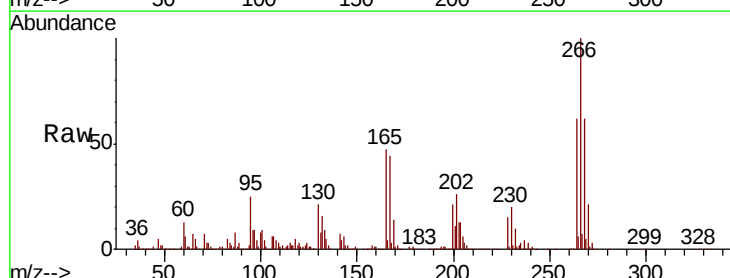
Manual Integrations
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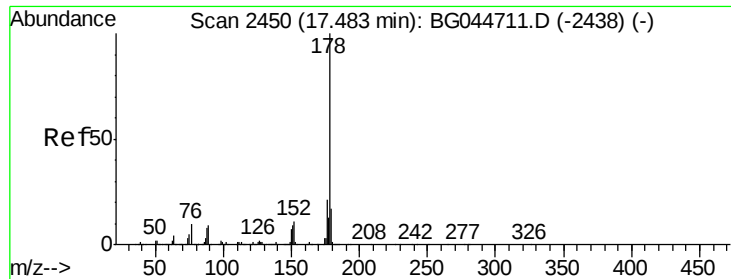
mohammad
3/16/2020 1:46:28 PM



#70
Pentachlorophenol
Concen: 84.205 ng
RT: 17.09 min Scan# 2383
Delta R.T. 0.01 min
Lab File: BG044720.D
Acq: 11 Mar 2020 14:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	61.5	49.9	74.9
264	61.8	49.9	74.9





#71

Phenanthrene

Concen: 38.715 ng

RT: 17.48 min Scan# 2450

Delta R.T. 0.00 min

Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

Instrument :

BNA_G

ClientSampleId :

PB127319BSD

Tot Ion:178 Resp: 1538095

Ion Ratio Lower Upper

178 100

176 22.5 17.0 25.6

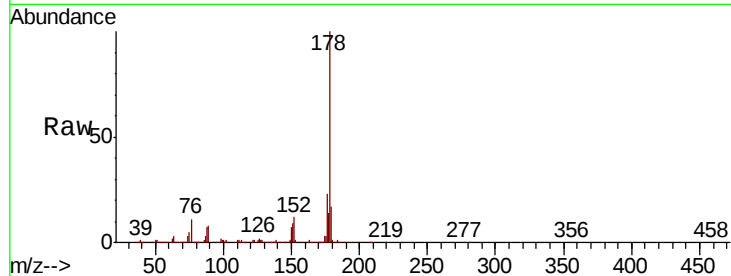
179 17.4 13.7 20.5

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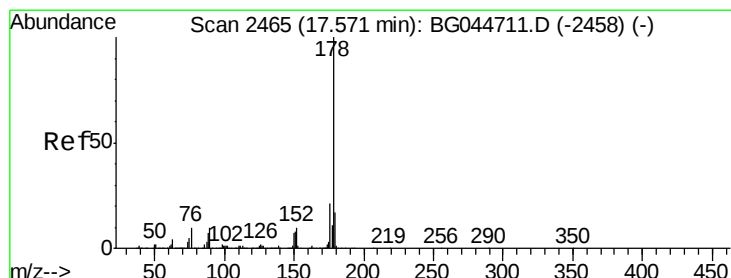
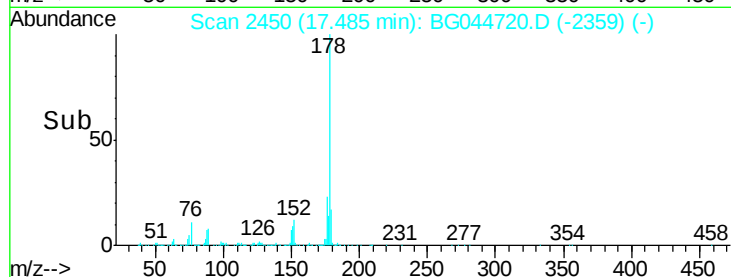
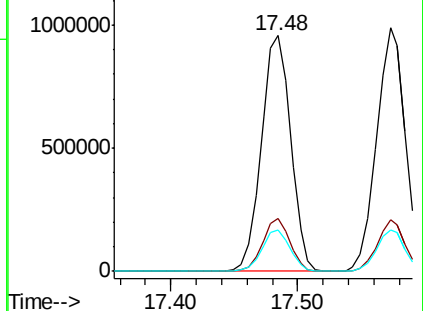
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.775 ng

RT: 17.57 min Scan# 2465

Delta R.T. 0.00 min

Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

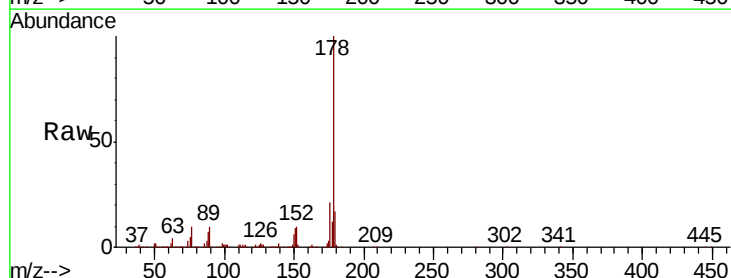
Tgt Ion:178 Resp: 1558174

Ion Ratio Lower Upper

178 100

176 21.2 17.0 25.6

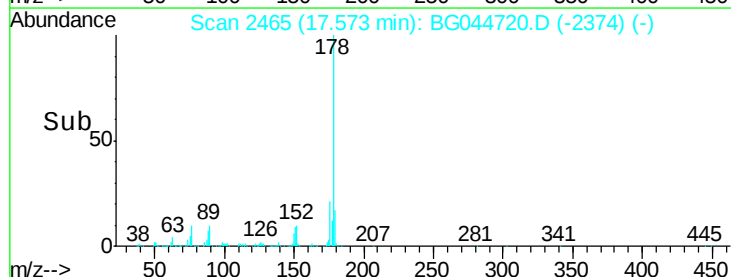
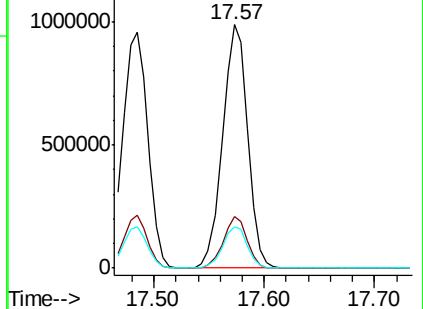
179 17.2 13.8 20.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 39.246 ng

RT: 17.84 min Scan# 2510

Delta R.T. 0.00 min

Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

Instrument :

BNA_G

ClientSampleId :

PB127319BSD

Tot Ion:167 Resp: 1476818

Ion Ratio Lower Upper

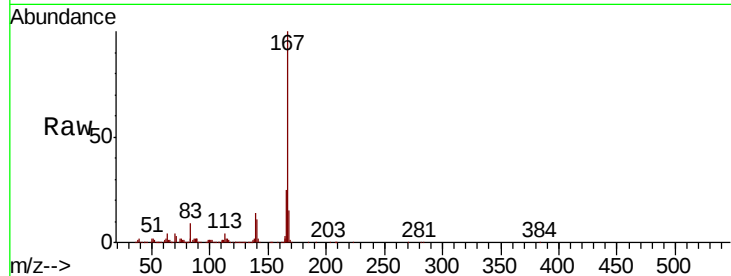
167 100

166 24.6 19.6 29.4

139 13.9 11.4 17.2

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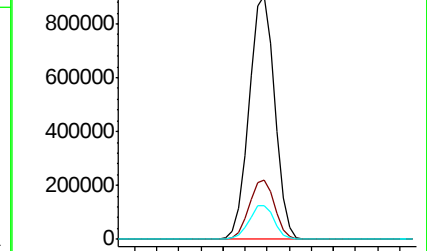
mohammad
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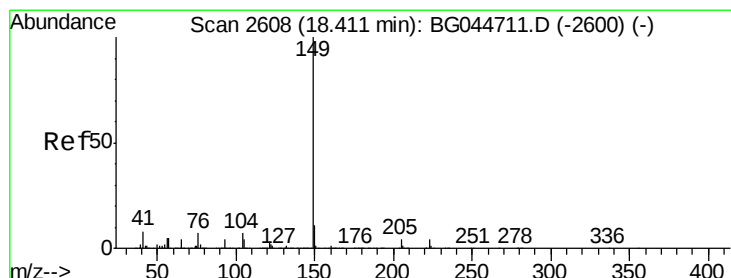
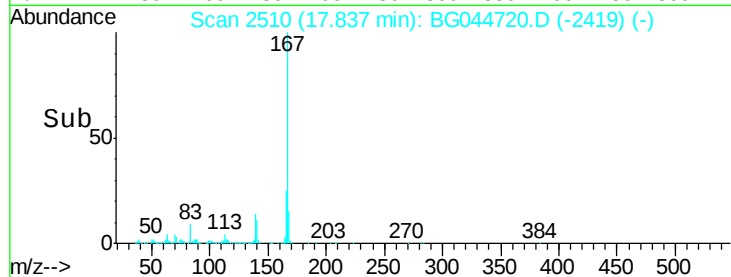
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->



#74

Di-n-butylphthalate

Concen: 38.632 ng

RT: 18.41 min Scan# 2608

Delta R.T. 0.00 min

Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

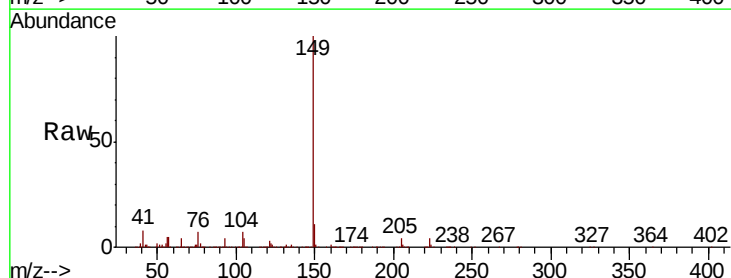
Tgt Ion:149 Resp: 1767191

Ion Ratio Lower Upper

149 100

150 10.8 8.4 12.6

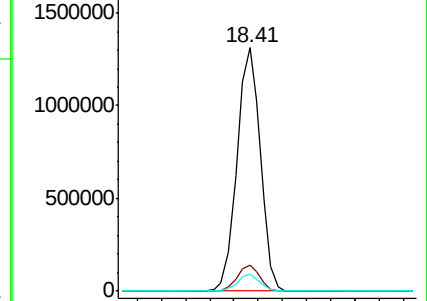
104 6.9 5.6 8.4



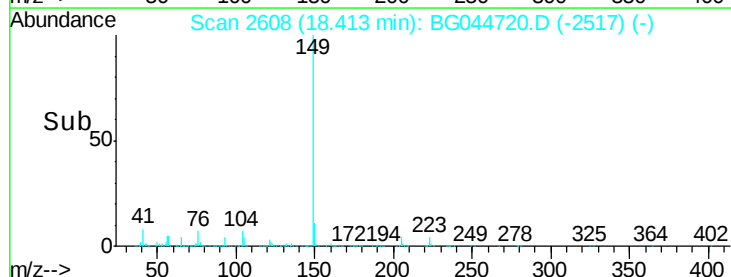
Abundance Ion 149.00 (148.70 to 149.70): E

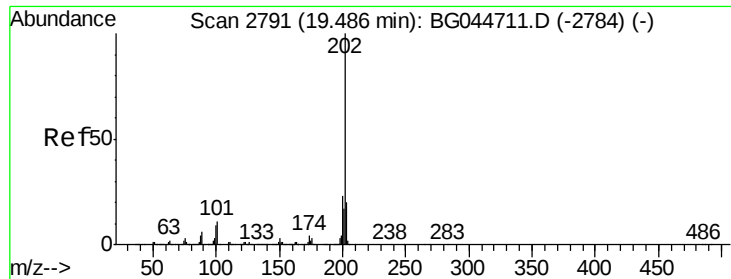
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->





#75

Fluoranthene

Concen: 39.591 ng

RT: 19.49 min Scan# 2791

Delta R.T. 0.00 min

Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

Instrument :

BNA_G

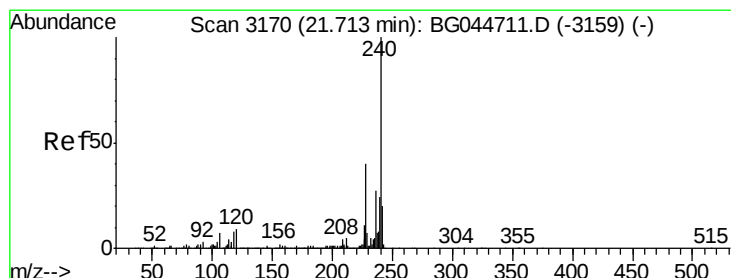
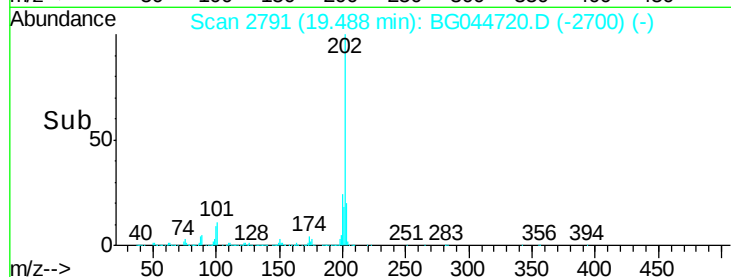
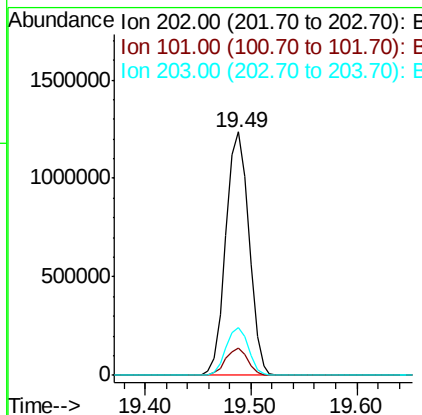
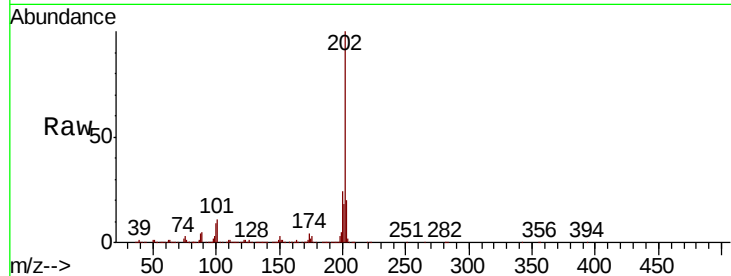
ClientSampleId :

PB127319BSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	31.3
203	19.8	0.4	40.4

Manual Integrations
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mohammad
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#76

Chrysene-d12

Concen: 20.000 ng

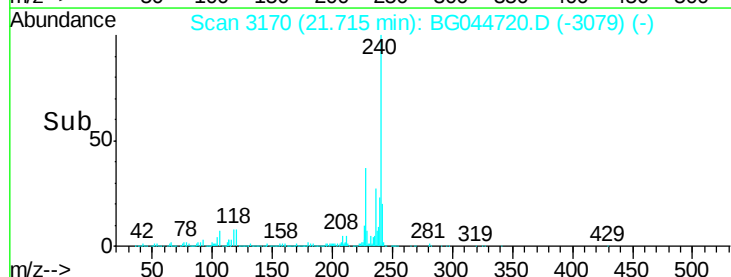
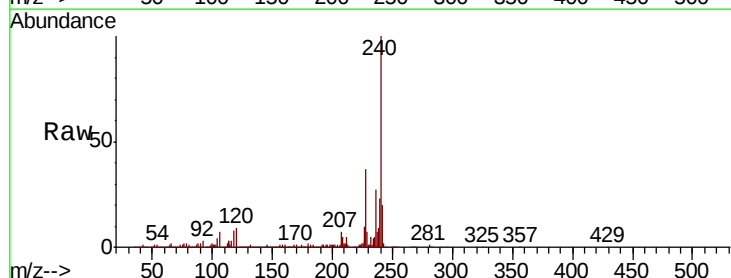
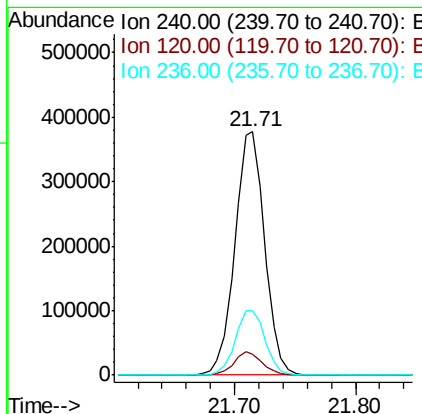
RT: 21.71 min Scan# 3170

Delta R.T. 0.00 min

Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.5	6.9	10.3
236	26.5	21.9	32.9





#77

Benzidine

Concen: 28.581 ng

RT: 19.66 min Scan# 2820

Delta R.T. 0.00 min

Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

Instrument :

BNA_G

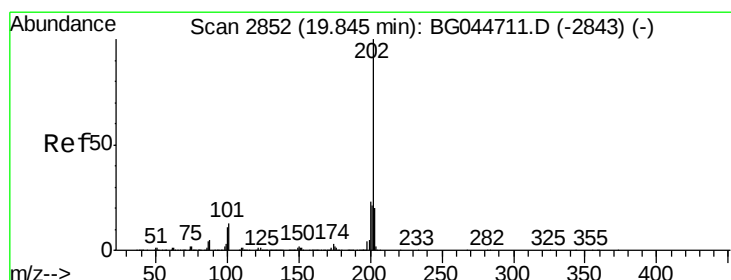
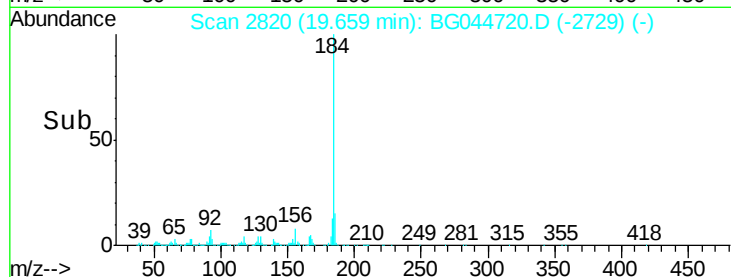
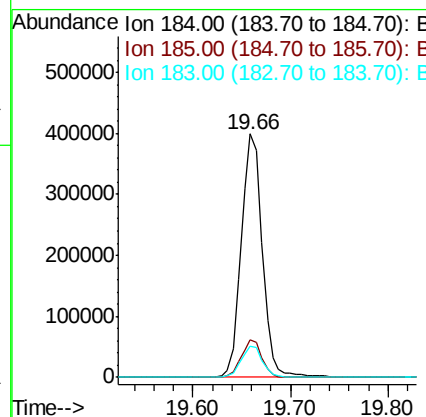
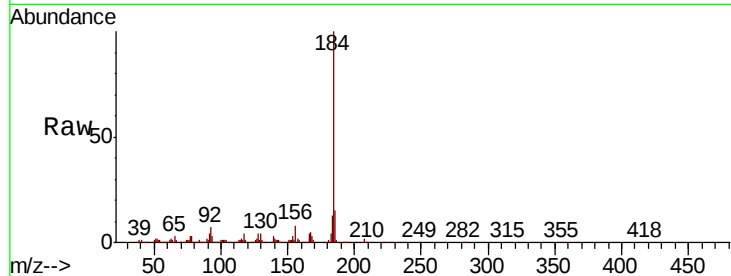
ClientSampleId :

PB127319BSD

Tot Ion:	184	Resp:	598766
Ion Ratio	Lower	Upper	
184	100		
185	15.5	12.9	19.3
183	12.9	10.6	15.8

Manual Integrations
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#78

Pyrene

Concen: 39.599 ng

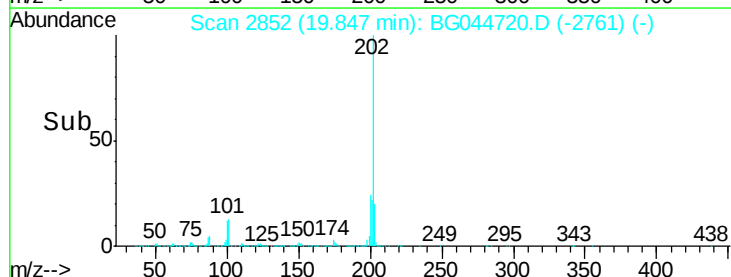
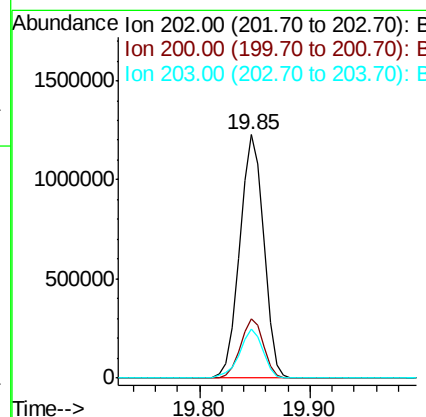
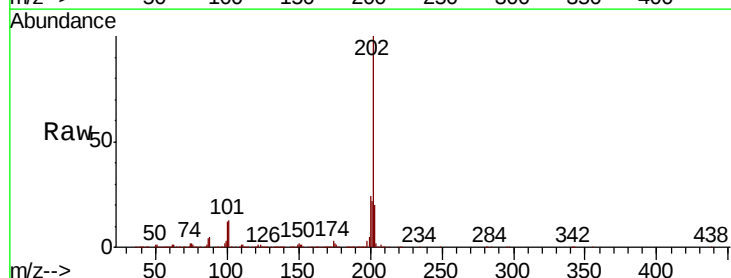
RT: 19.85 min Scan# 2852

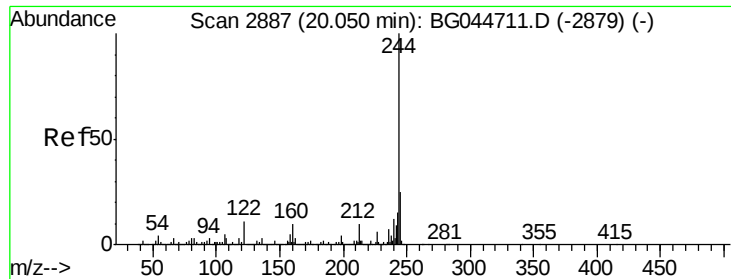
Delta R.T. 0.00 min

Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

Tgt Ion:	202	Resp:	1874840
Ion Ratio	Lower	Upper	
202	100		
200	24.4	18.7	28.1
203	20.1	16.0	24.0





#79

Terphenyl-d14

Concen: 64.823 ng

RT: 20.05 min Scan# 2887

Delta R.T. 0.00 min

Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

Instrument :

BNA_G

ClientSampleId :

PB127319BSD

Tot Ion:244 Resp: 2236363

Ion Ratio Lower Upper

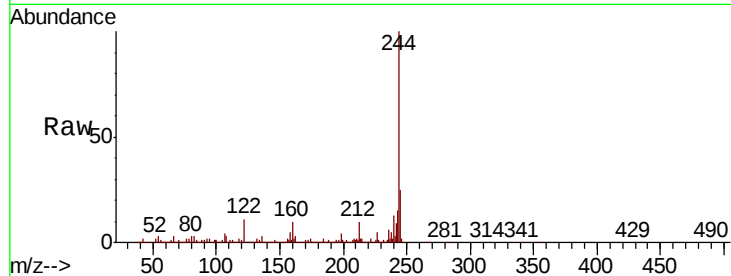
244 100

212 10.1 8.4 12.6

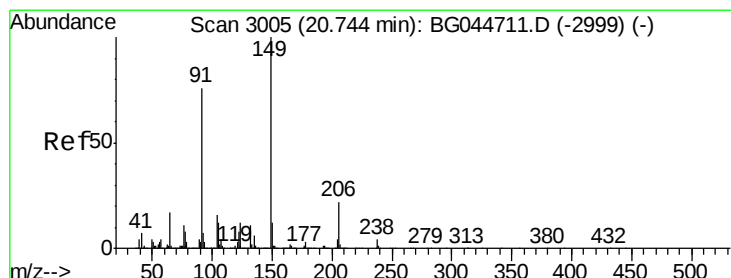
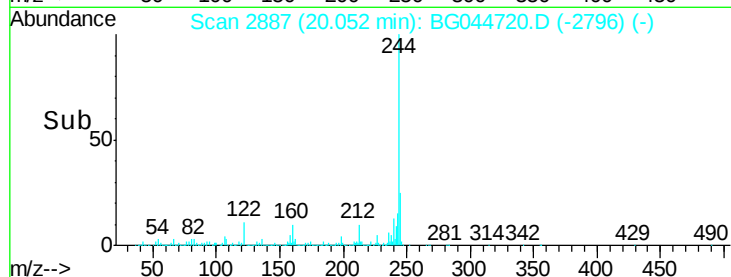
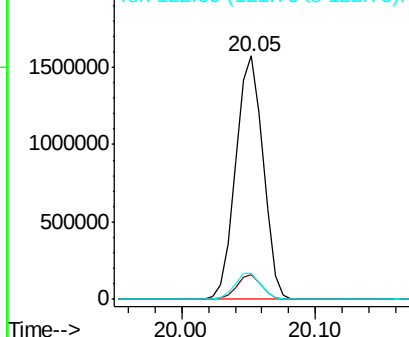
122 10.6 8.7 13.1

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



#80

Butylbenzylphthalate

Concen: 38.898 ng

RT: 20.75 min Scan# 3005

Delta R.T. 0.00 min

Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

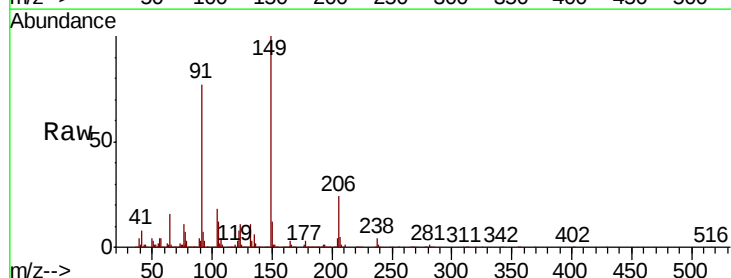
Tgt Ion:149 Resp: 819318

Ion Ratio Lower Upper

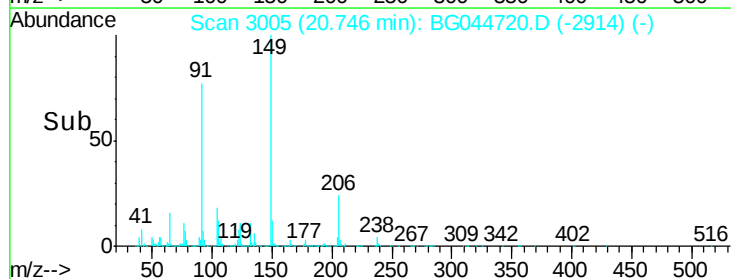
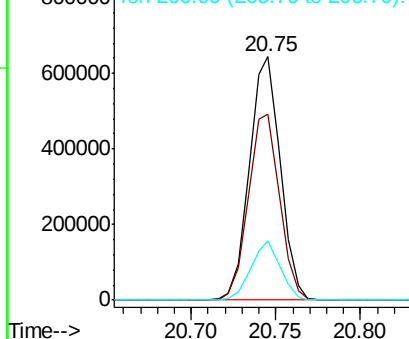
149 100

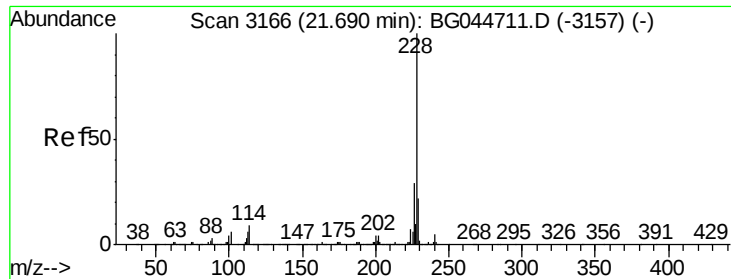
91 76.6 61.1 91.7

206 24.4 17.4 26.2



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





#81

Benzo(a)anthracene

Concen: 38.970 ng

RT: 21.69 min Scan# 3166

Delta R.T. 0.00 min

Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

Instrument :

BNA_G

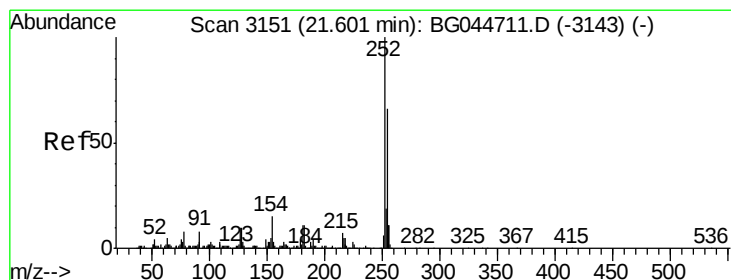
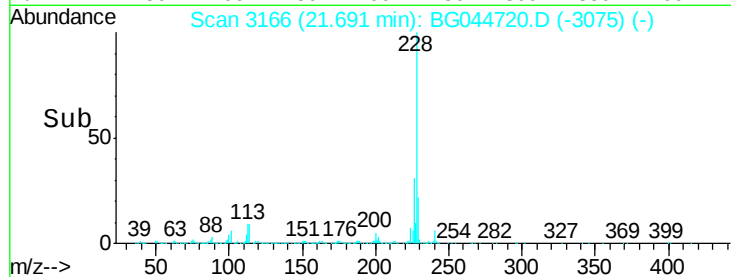
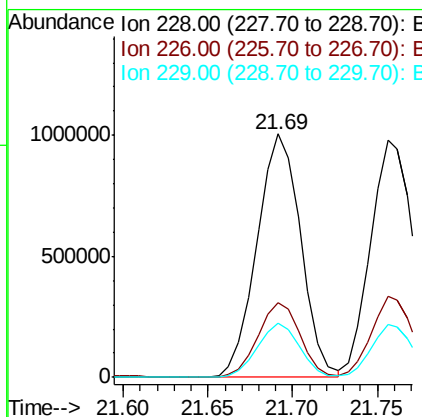
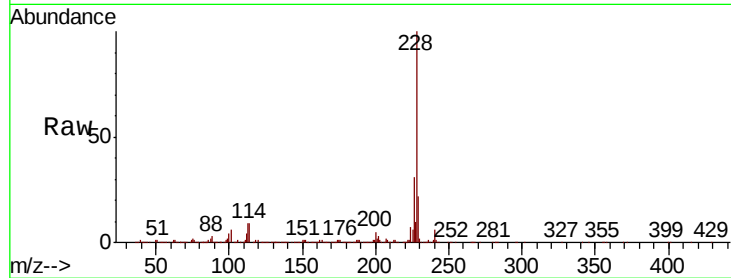
ClientSampled :

PB127319BSD

Tot Ion:	228	Resp:	1810890
Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.5	35.3
229	22.3	17.2	25.8

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 33.263 ng

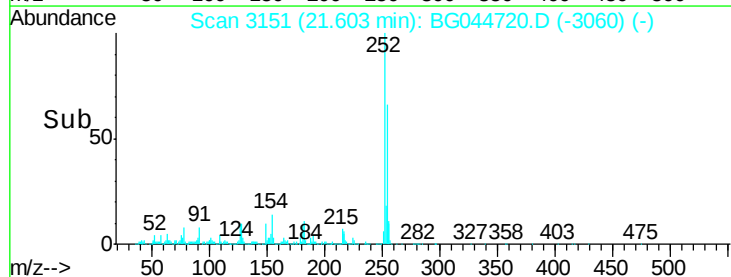
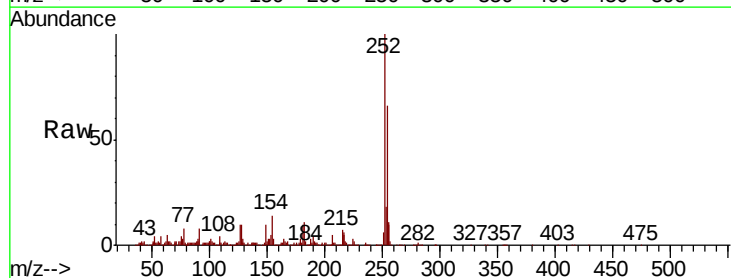
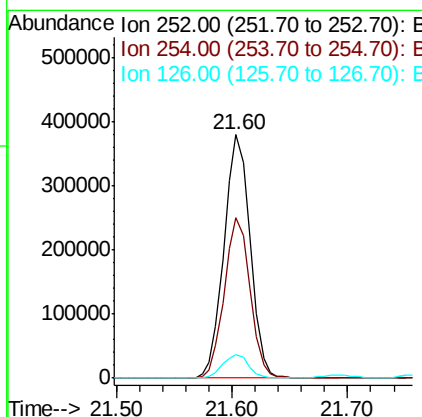
RT: 21.60 min Scan# 3151

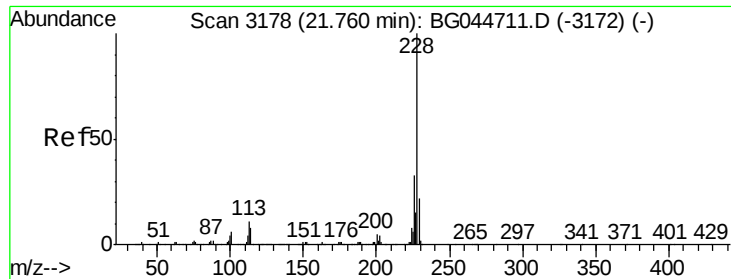
Delta R.T. 0.00 min

Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

Tgt Ion:	252	Resp:	597962
Ion	Ratio	Lower	Upper
252	100		
254	66.0	53.0	79.4
126	9.7	8.2	12.4





#83

Chrysene

Concen: 38.451 ng

RT: 21.76 min Scan# 3177

Delta R.T. -0.00 min

Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

Instrument :

BNA_G

ClientSampleId :

PB127319BSD

Tot Ion:228 Resp: 1706756

Ion Ratio Lower Upper

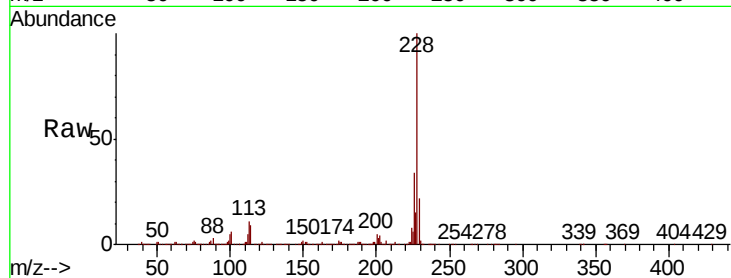
228 100

226 34.1 26.1 39.1

229 22.5 17.4 26.0

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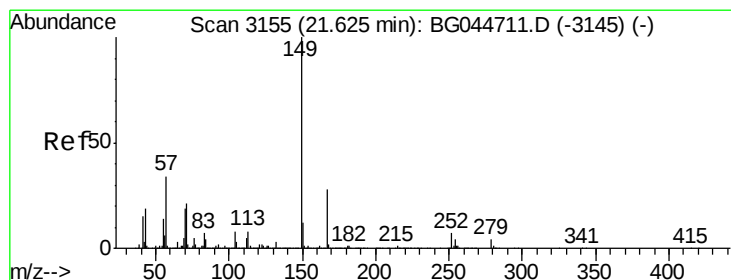
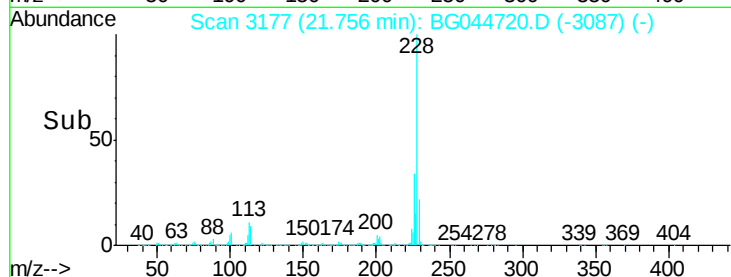
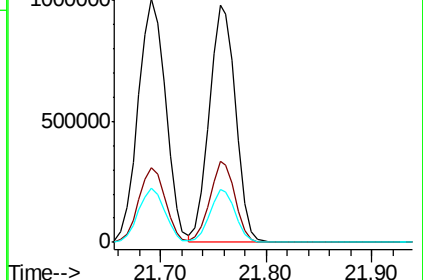
mohammad
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.704 ng

RT: 21.63 min Scan# 3155

Delta R.T. 0.00 min

Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

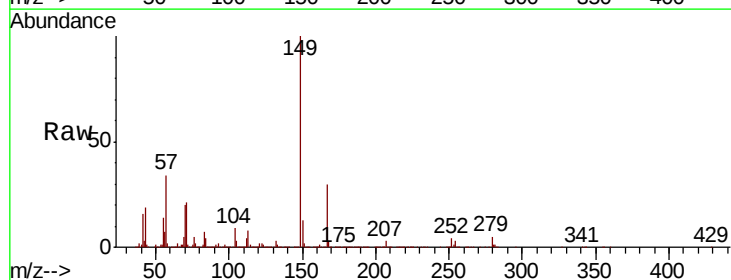
Tgt Ion:149 Resp: 1125095

Ion Ratio Lower Upper

149 100

167 29.6 22.6 33.8

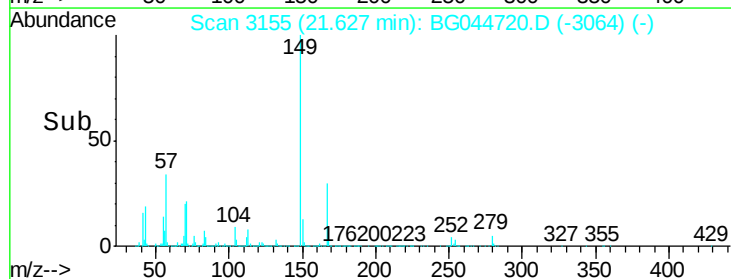
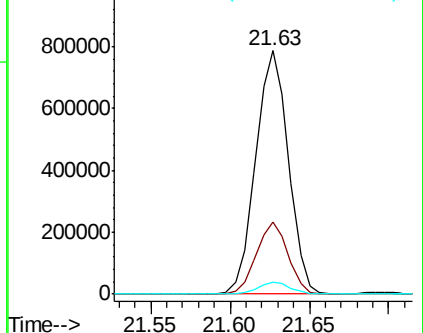
279 5.1 3.5 5.3

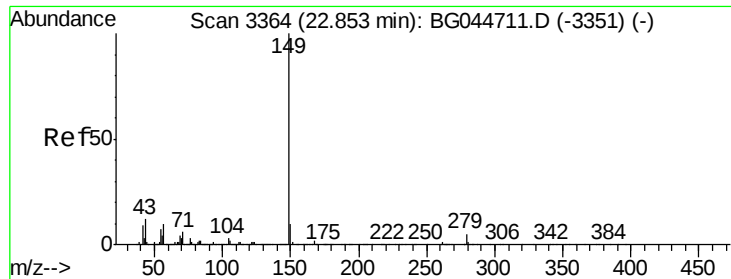


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





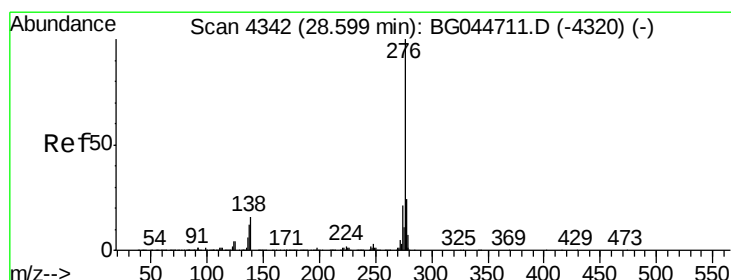
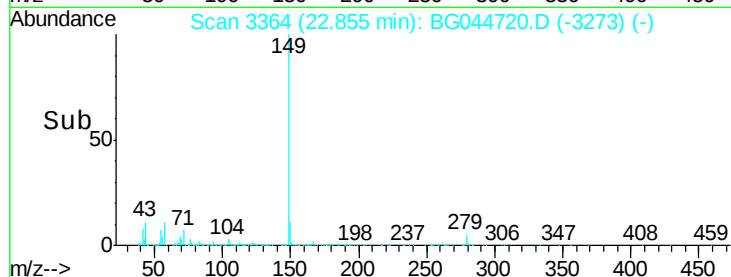
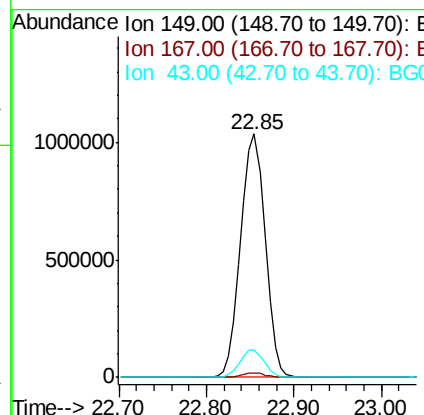
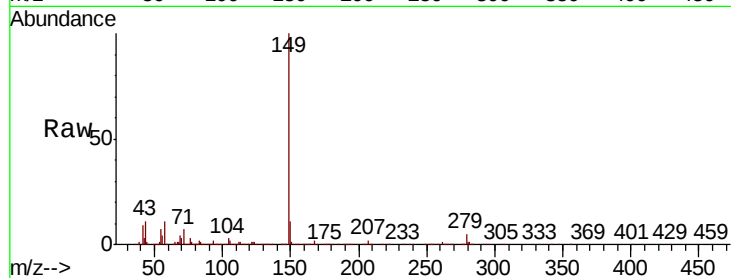
#85
Di-n-octyl phthalate
Concen: 40.247 ng
RT: 22.85 min Scan# 3364
Delta R.T. 0.00 min
Lab File: BG044720.D
Acq: 11 Mar 2020 14:50

Instrument :
BNA_G
ClientSampleId :
PB127319BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	11.2	9.0	13.6

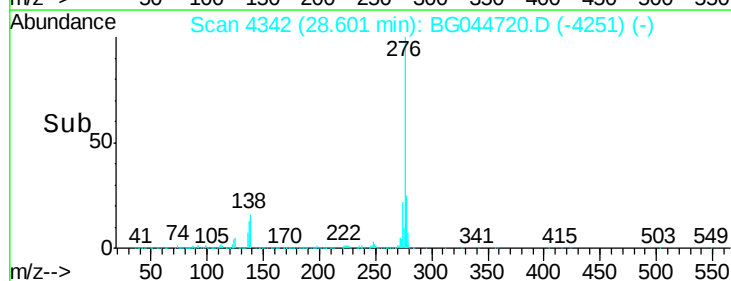
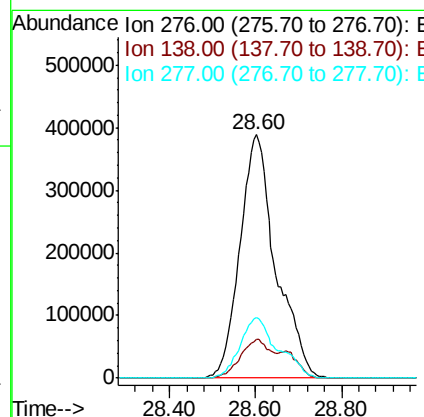
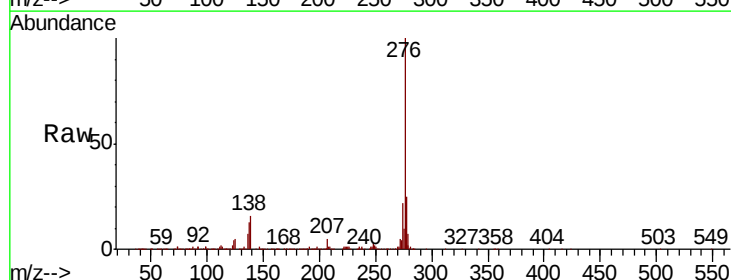
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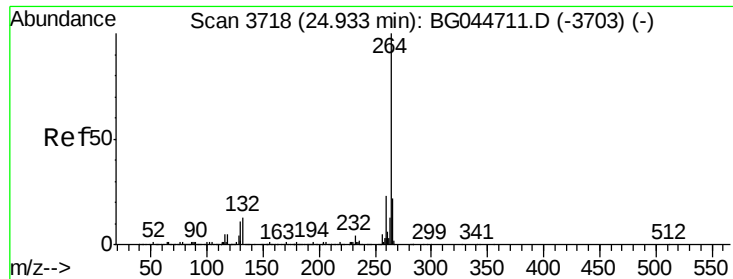
mohammad
3/16/2020 1:46:28 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 38.929 ng
RT: 28.60 min Scan# 4342
Delta R.T. 0.00 min
Lab File: BG044720.D
Acq: 11 Mar 2020 14:50

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.0	10.9	16.3
277	26.2	20.8	31.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.93 min Scan# 3718

Delta R.T. 0.00 min

Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

Instrument :

BNA_G

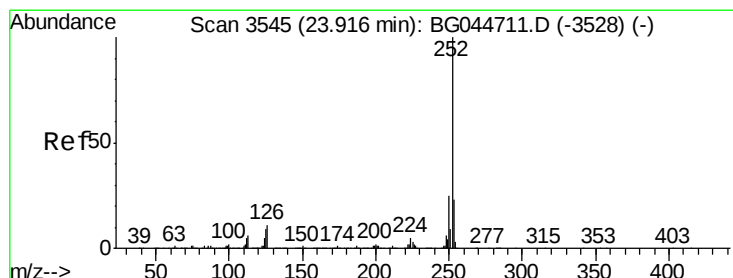
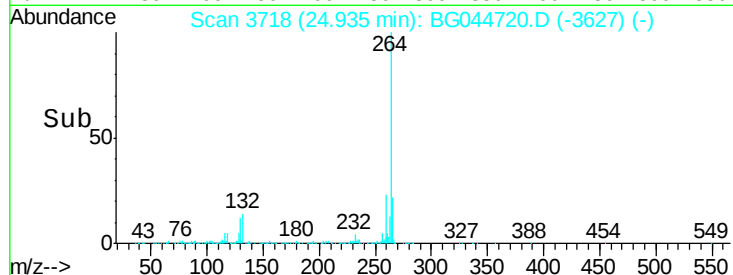
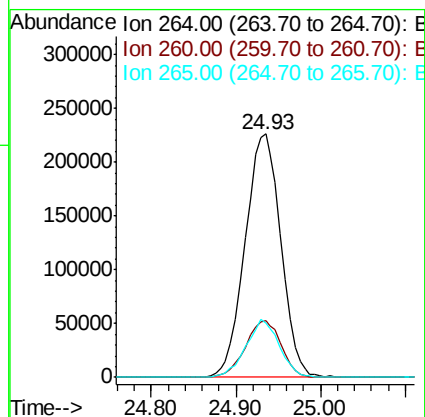
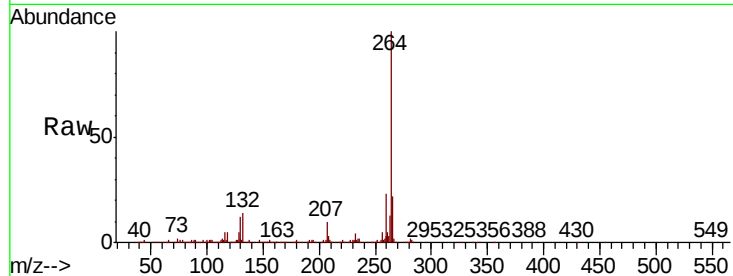
ClientSampleId :

PB127319BSD

Tot Ion:	264	Resp:	664852
Ion Ratio		Lower	Upper
264	100		
260	23.2	18.4	27.6
265	22.3	17.4	26.2

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 45.342 ng

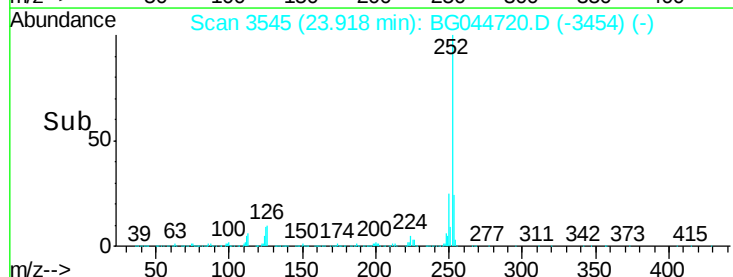
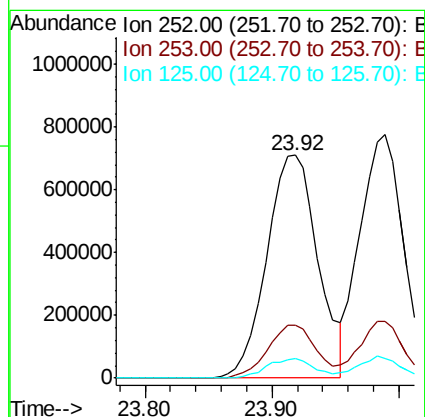
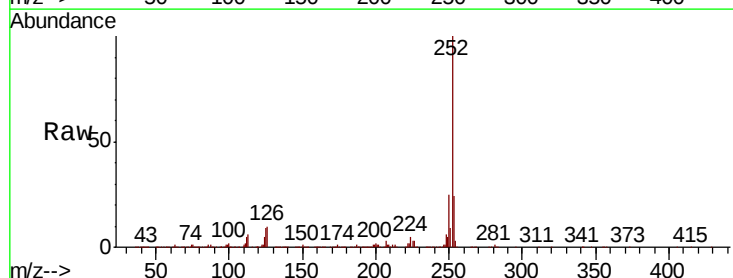
RT: 23.92 min Scan# 3545

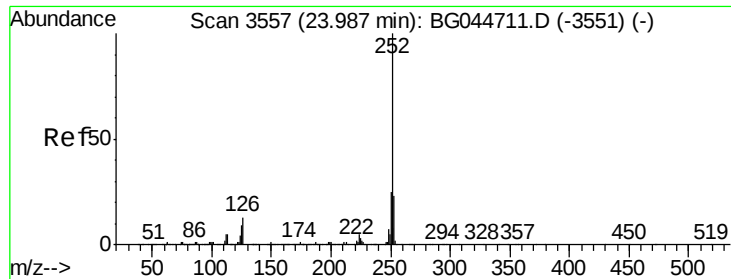
Delta R.T. 0.00 min

Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

Tgt Ion:	252	Resp:	1990145
Ion Ratio		Lower	Upper
252	100		
253	24.0	18.7	28.1
125	8.7	7.2	10.8





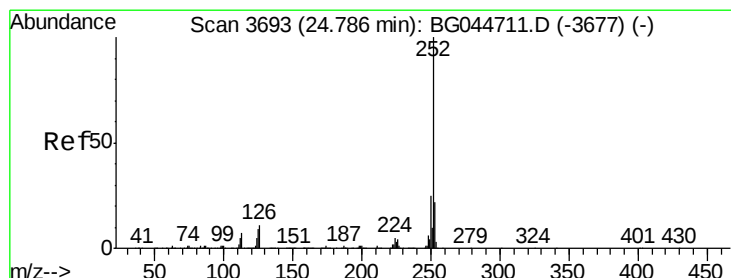
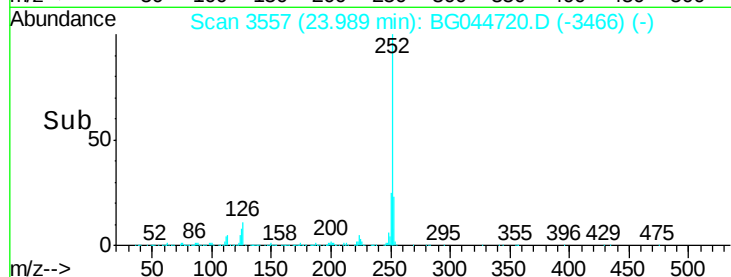
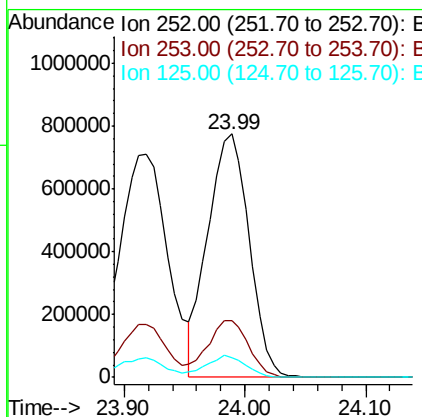
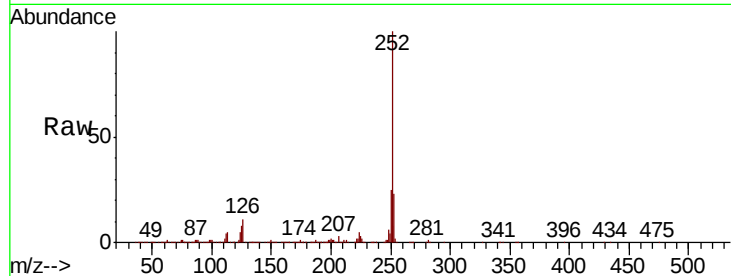
#89
Benzo(k)fluoranthene
Concen: 44.145 ng
RT: 23.99 min Scan# 3557
Delta R.T. 0.00 min
Lab File: BG044720.D
Acq: 11 Mar 2020 14:50

Instrument :
BNA_G
ClientSampled :
PB127319BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.4	27.6
125	8.0	7.0	10.4

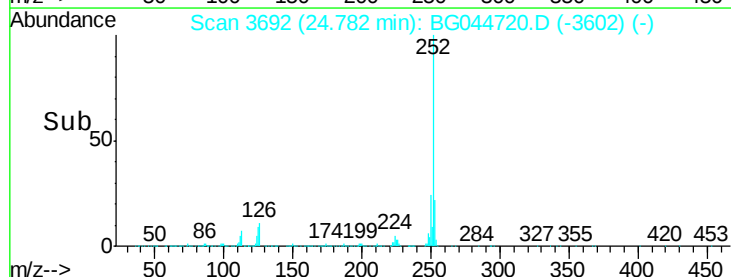
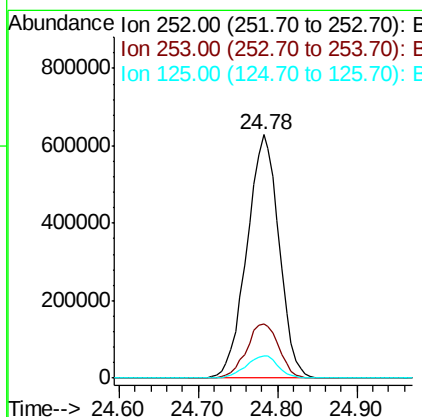
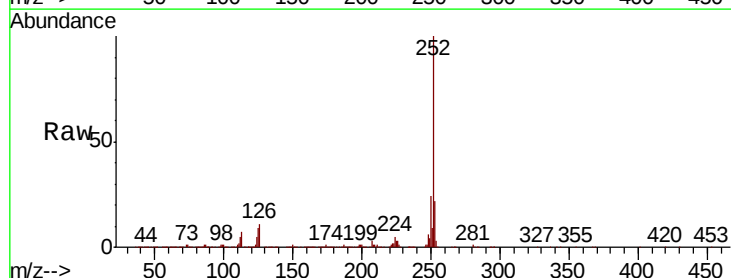
Manual Integrations
APPROVED

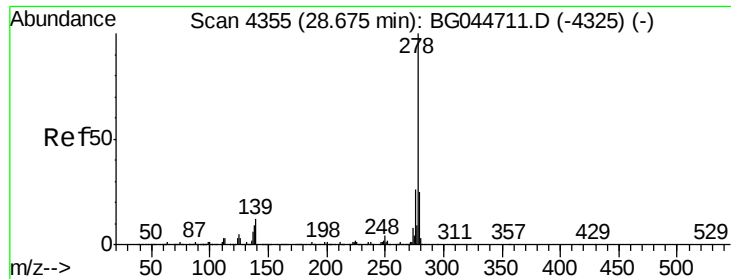
mohammad
3/16/2020 1:46:28 PM



#90
Benzo(a)pyrene
Concen: 43.068 ng
RT: 24.78 min Scan# 3692
Delta R.T. -0.00 min
Lab File: BG044720.D
Acq: 11 Mar 2020 14:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.7	26.5
125	9.2	7.0	10.6





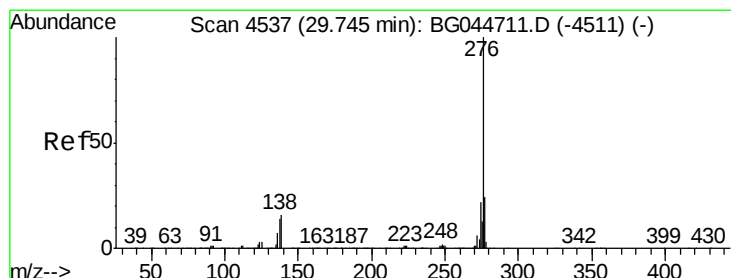
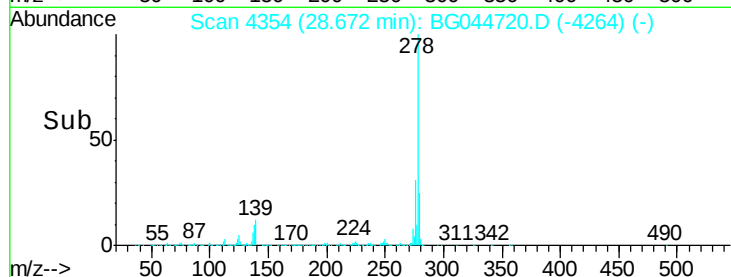
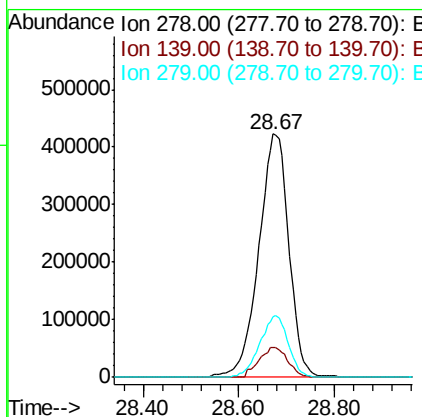
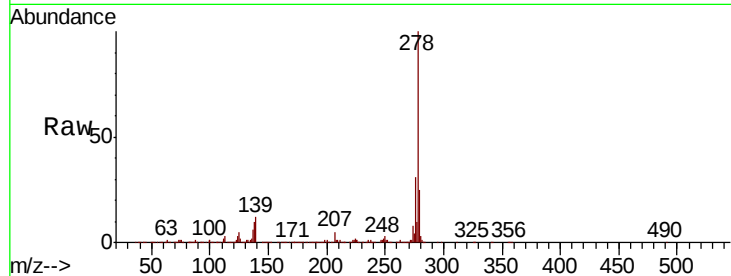
#91
Dibenzo(a,h)anthracene
Concen: 45.397 ng
RT: 28.67 min Scan# 4354
Delta R.T. -0.00 min
Lab File: BG044720.D
Acq: 11 Mar 2020 14:50

Instrument :
BNA_G
ClientSampleId :
PB127319BSD

Tot Ion:278 Resp: 1839413
Ion Ratio Lower Upper
278 100
139 12.5 9.9 14.9
279 24.7 20.2 30.4

Manual Integrations
APPROVED

mohammad
3/16/2020 1:46:28 PM



#92
Benzo(g,h,i)perylene
Concen: 46.165 ng
RT: 29.74 min Scan# 4536
Delta R.T. -0.00 min
Lab File: BG044720.D
Acq: 11 Mar 2020 14:50

Tgt Ion:276 Resp: 1889829
Ion Ratio Lower Upper
276 100
277 23.4 18.8 28.2
138 14.8 13.0 19.4

