

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022020\
 Data File : BG044532.D
 Acq On : 20 Feb 2020 22:32
 Operator : CG/JU
 Sample : L1595-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-C2-C3-C2A-C3AMS

Manual Integrations
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 2/21/2020 2:17:53 PM

Quant Time: Feb 21 07:34:33 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	59659	20.00	ng	-0.03
21) Naphthalene-d8	10.68	136	252824	20.00	ng	-0.02
39) Acenaphthene-d10	14.52	164	167627	20.00	ng	-0.02
64) Phenanthrene-d10	17.27	188	374922	20.00	ng	-0.02
76) Chrysene-d12	21.51	240	373069	20.00	ng	-0.03
87) Perylene-d12	24.58	264	405197	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	325190	96.20	ng	-0.02
7) Phenol-d6	7.06	99	437326	96.34	ng	-0.02
23) Nitrobenzene-d5	9.04	82	250353	55.90	ng	-0.03
42) 2,4,6-Tribromophenol	16.02	330	175201	89.03	ng	-0.02
45) 2-Fluorobiphenyl	13.14	172	588515	58.79	ng	-0.02
79) Terphenyl-d14	19.88	244	956607	52.74	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.33	88	65776	43.308	ng	98
3) Pyridine	3.73	79	158798	39.244	ng	97
4) n-Nitrosodimethylamine	3.65	42	78923	46.675	ng	91
6) Aniline	7.20	93	115160	20.438	ng	99
8) 2-Chlorophenol	7.45	128	204859	55.141	ng	99
9) Benzaldehyde	7.01	77	78948	30.537	ng	96
10) Phenol	7.08	94	252875	56.288	ng	98
11) bis(2-Chloroethyl)ether	7.30	93	182096	47.411	ng	97
12) 1,3-Dichlorobenzene	7.77	146	206653	46.588	ng	97
13) 1,4-Dichlorobenzene	7.91	146	209293	47.639	ng	99
14) 1,2-Dichlorobenzene	8.24	146	198563	47.817	ng	98
15) Benzyl Alcohol	8.12	79	162756	50.643	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.41	45	232585	44.742	ng	99
17) 2-Methylphenol	8.33	107	171436	53.485	ng	97
18) Hexachloroethane	8.96	117	76331	46.300	ng	98
19) n-Nitroso-di-n-propylamine	8.69	70	141399	46.739	ng	97
20) 3+4-Methylphenols	8.66	107	235205	53.245	ng	99
22) Acetophenone	8.70	105	268095	43.590	ng	99
24) Nitrobenzene	9.08	77	203279	46.497	ng	96
25) Isophorone	9.61	82	387934	46.477	ng	99
26) 2-Nitrophenol	9.79	139	113094	49.854	ng	99
27) 2,4-Dimethylphenol	9.86	122	190543	59.503	ng	99
28) bis(2-Chloroethoxy)methane	10.09	93	248193	44.574	ng	100
29) 2,4-Dichlorophenol	10.33	162	198788	51.339	ng	99
30) 1,2,4-Trichlorobenzene	10.55	180	199017	44.825	ng	97
31) Naphthalene	10.73	128	585786	47.756	ng	100
32) Benzoic acid	10.03	122	54395	32.346	ng	96
33) 4-Chloroaniline	10.84	127	65371	11.718	ng	99
34) Hexachlorobutadiene	11.03	225	118327	43.312	ng	99
35) Caprolactam	11.61	113	72717m	51.267	ng	
36) 4-Chloro-3-methylphenol	11.98	107	209141	51.517	ng	99
37) 2-Methylnaphthalene	12.34	142	431130	47.338	ng	100
38) 1-Methylnaphthalene	12.56	142	411185	47.888	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.71	216	218270	43.530	ng	99

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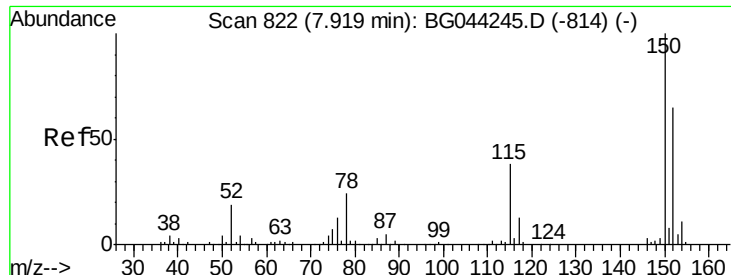
Manual Integrations
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 2/21/2020 2:17:53 PM

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 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.70	237	217785	90.518	ng	98
43) 2,4,6-Trichlorophenol	12.95	196	157044	48.454	ng	99
44) 2,4,5-Trichlorophenol	13.04	196	169906	51.324	ng	99
46) 1,1'-Biphenyl	13.35	154	550532	45.532	ng	99
47) 2-Chloronaphthalene	13.40	162	432762	44.979	ng	100
48) 2-Nitroaniline	13.59	65	125085	44.052	ng	98
49) Acenaphthylene	14.24	152	686597	48.653	ng	99
50) Dimethylphthalate	13.98	163	584525	48.510	ng	100
51) 2,6-Dinitrotoluene	14.09	165	125697	46.786	ng	98
52) Acenaphthene	14.59	154	417126	45.602	ng	98
53) 3-Nitroaniline	14.42	138	47661	16.035	ng	96
54) 2,4-Dinitrophenol	14.63	184	105200	67.409	ng	98
55) Dibenzofuran	14.92	168	656794	47.425	ng	97
56) 4-Nitrophenol	14.75	139	225630	103.630	ng	99
57) 2,4-Dinitrotoluene	14.89	165	174885	46.444	ng	95
58) Fluorene	15.57	166	520257	47.695	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.16	232	153371	51.291	ng	98
60) Diethylphthalate	15.35	149	551167	45.906	ng	99
61) 4-Chlorophenyl-phenylether	15.56	204	272170	46.018	ng	98
62) 4-Nitroaniline	15.59	138	126532	42.602	ng	99
63) Azobenzene	15.86	77	487288	46.308	ng	99
65) 4,6-Dinitro-2-methylphenol	15.66	198	100575	48.597	ng	98
66) n-Nitrosodiphenylamine	15.78	169	485918	46.247	ng	98
67) 4-Bromophenyl-phenylether	16.46	248	182355	44.643	ng	99
68) Hexachlorobenzene	16.59	284	200678	43.852	ng	97
69) Atrazine	16.73	200	189373	52.585	ng	98
70) Pentachlorophenol	16.93	266	200740	86.480	ng	97
71) Phenanthrene	17.31	178	851127	46.881	ng	98
72) Anthracene	17.40	178	880018	49.028	ng	99
73) Carbazole	17.67	167	802735	48.512	ng	99
74) Di-n-butylphthalate	18.23	149	971475	47.509	ng	99
75) Fluoranthene	19.32	202	1039268	49.484	ng	100
77) Benzidine	19.50	184	281306	27.184	ng	97
78) Pyrene	19.68	202	1049045	43.786	ng	98
80) Butylbenzylphthalate	20.57	149	461307	42.251	ng	98
81) Benzo(a)anthracene	21.49	228	1024353	44.551	ng	98
82) 3,3'-Dichlorobenzidine	21.41	252	164007	18.379	ng	99
83) Chrysene	21.56	228	980159	44.103	ng	99
84) Bis(2-ethylhexyl)phthalate	21.41	149	663278	44.136	ng	99
85) Di-n-octyl phthalate	22.57	149	1168238	44.929	ng	99
86) Indeno(1,2,3-cd)pyrene	28.07	276	1286388	44.366	ng	99
88) Benzo(b)fluoranthene	23.61	252	1080379	46.271	ng	99
89) Benzo(k)fluoranthene	23.68	252	1090754	47.931	ng	99
90) Benzo(a)pyrene	24.44	252	1019806	46.195	ng	99
91) Dibenzo(a,h)anthracene	28.12	278	1061230	48.573	ng	98
92) Benzo(g,h,i)perylene	29.15	276	1082726	49.504	ng	98

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



#1

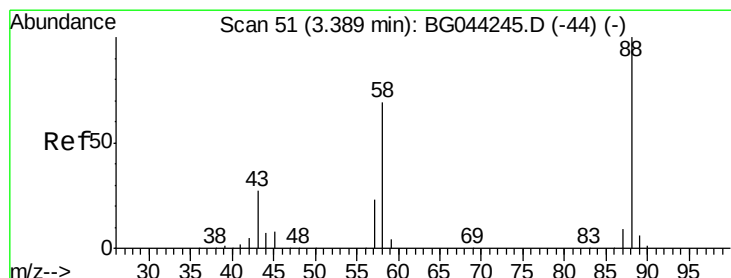
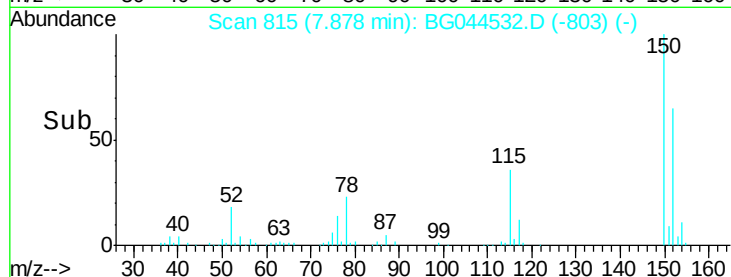
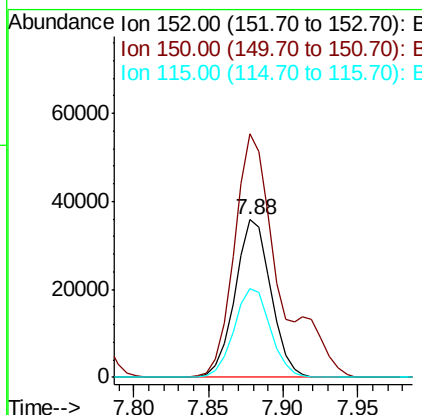
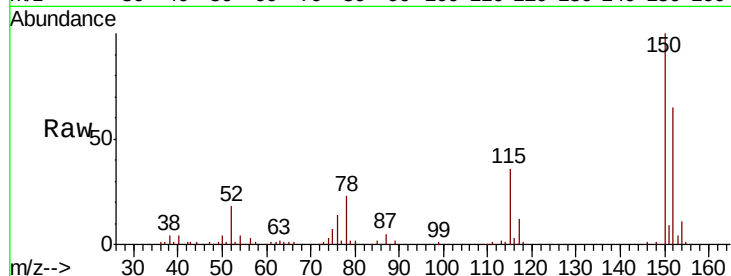
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.88 min Scan# 815
Delta R.T. -0.03 min
Lab File: BG044532.D
Acq: 20 Feb 2020 22:32

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-C2-C3-C2A-C3AMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	122.6	183.8
115	56.2	46.0	69.0

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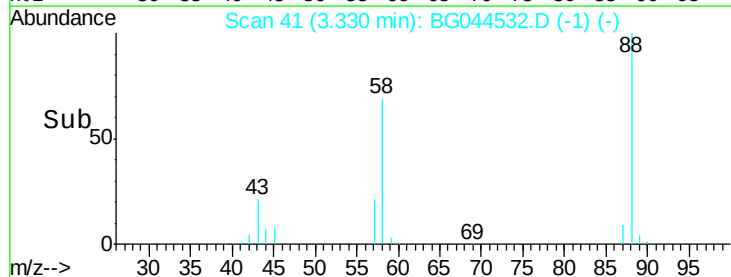
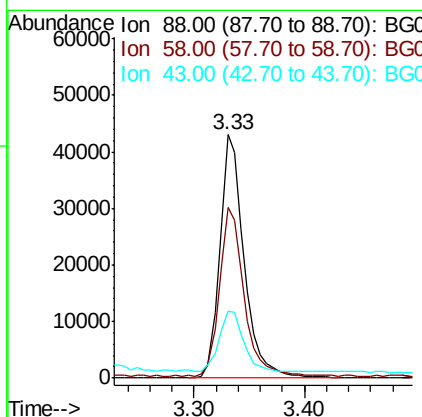
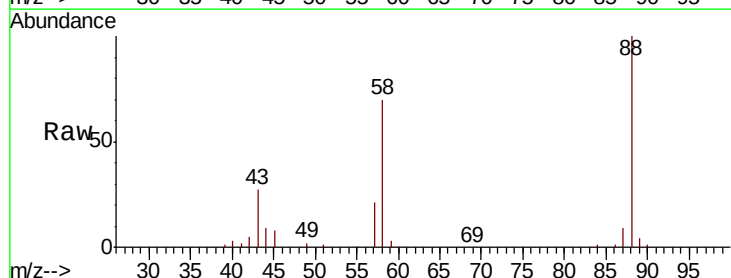
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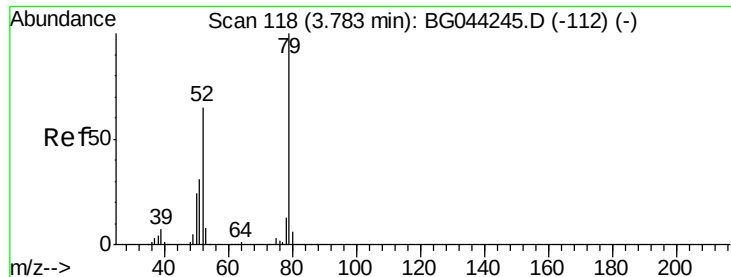


#2

1,4-Dioxane
Concen: 43.308 ng
RT: 3.33 min Scan# 41
Delta R.T. -0.03 min
Lab File: BG044532.D
Acq: 20 Feb 2020 22:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.8	55.8	83.6
43	25.1	21.6	32.4





#3

Pvridine

Concen: 39.244 ng

RT: 3.73 min Scan# 109

Delta R.T. -0.03 min

Lab File: BG044532.D

Acq: 20 Feb 2020 22:32

Instrument :

BNA_G

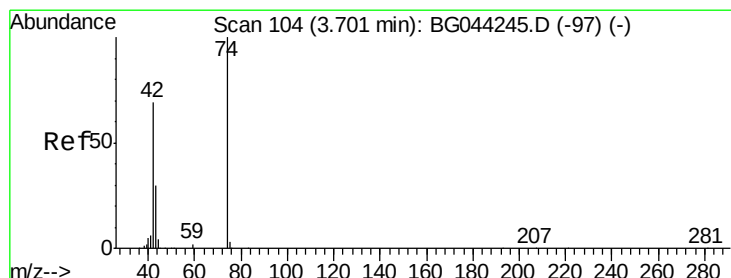
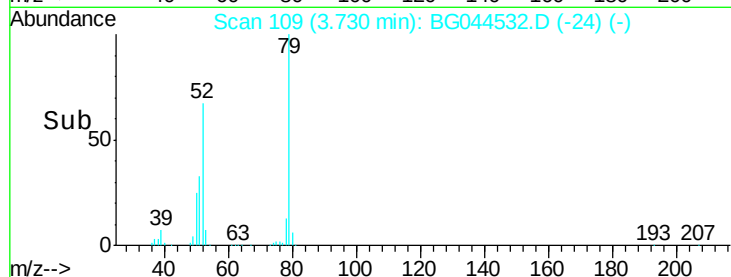
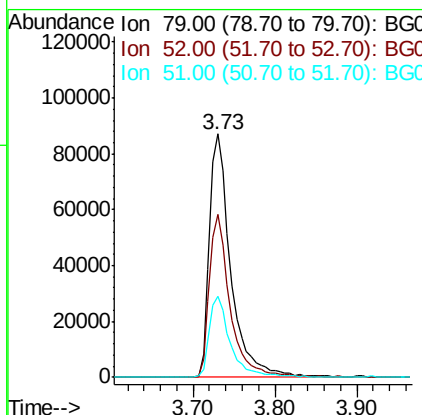
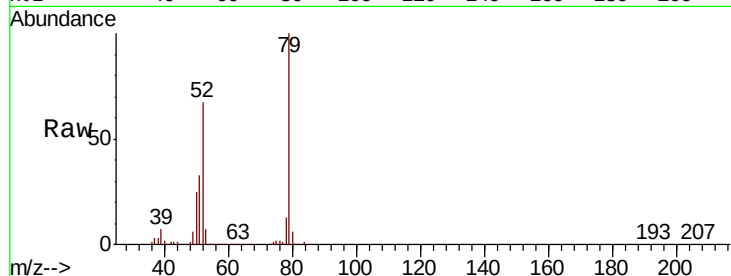
ClientSampleId :

FK-BPM-01-C2-C3-C2A-C3AMS

Tot Ion:	79	Resp:	158798
Ion Ratio	Lower	Upper	
79	100		
52	66.9	51.9	77.9
51	33.1	25.3	37.9

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 46.675 ng

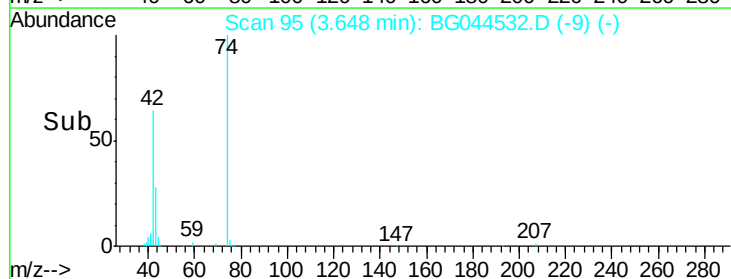
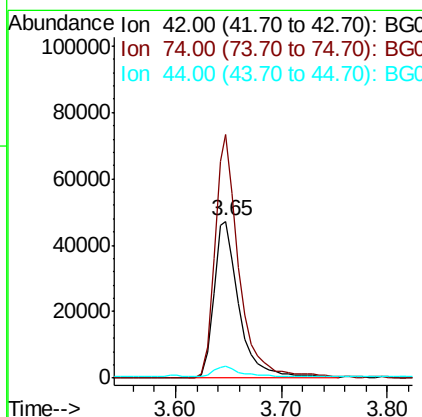
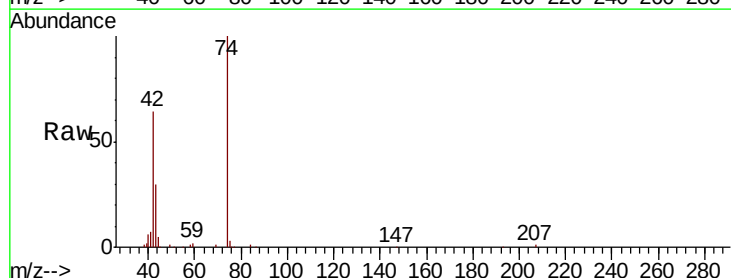
RT: 3.65 min Scan# 95

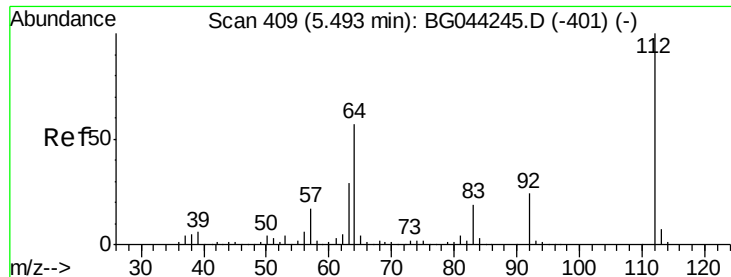
Delta R.T. -0.03 min

Lab File: BG044532.D

Acq: 20 Feb 2020 22:32

Tgt Ion:	42	Resp:	78923
Ion Ratio	Lower	Upper	
42	100		
74	155.5	115.1	172.7
44	7.6	5.6	8.4





#5

2-Fluorophenol

Concen: 96.198 ng

RT: 5.46 min Scan# 403

Delta R.T. -0.02 min

Lab File: BG044532.D

Acq: 20 Feb 2020 22:32

Instrument :

BNA_G

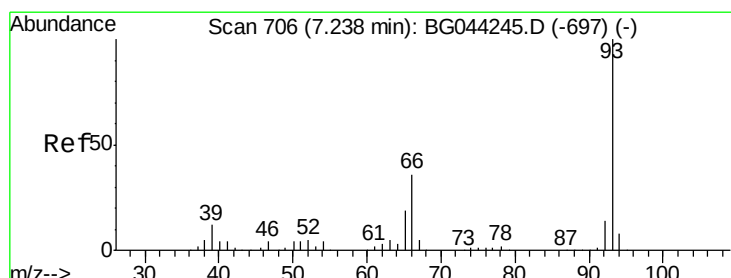
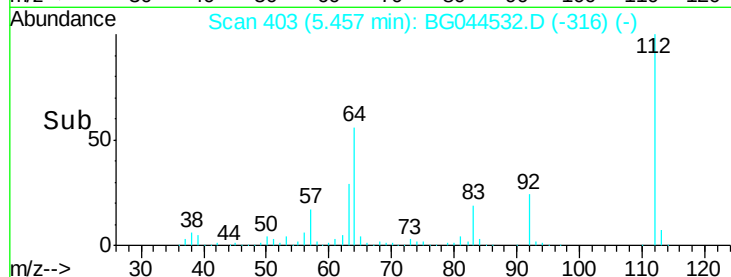
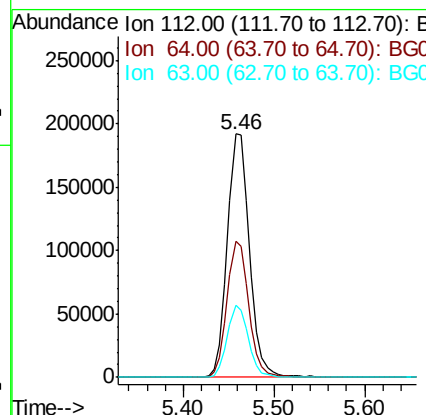
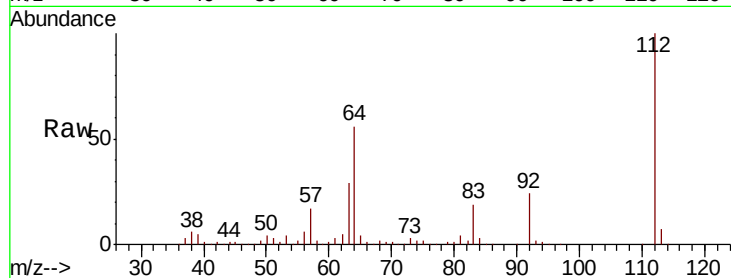
ClientSampleId :

FK-BPM-01-C2-C3-C2A-C3AMS

Tot Ion:	112	Resp:	325190
Ion Ratio	Lower	Upper	
112	100		
64	56.2	45.4	68.2
63	29.4	22.9	34.3

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#6

Aniline

Concen: 20.438 ng

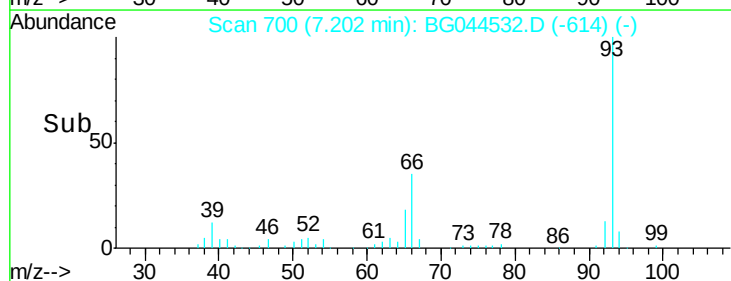
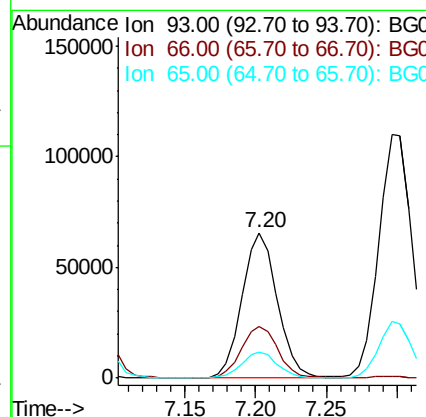
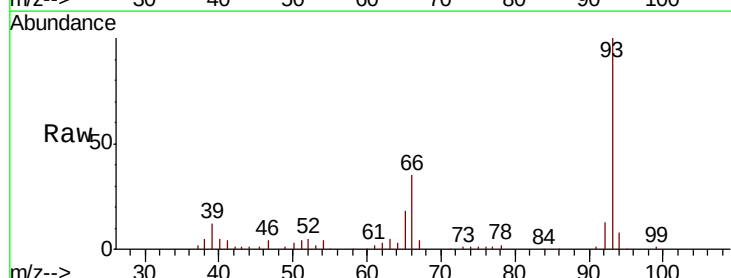
RT: 7.20 min Scan# 700

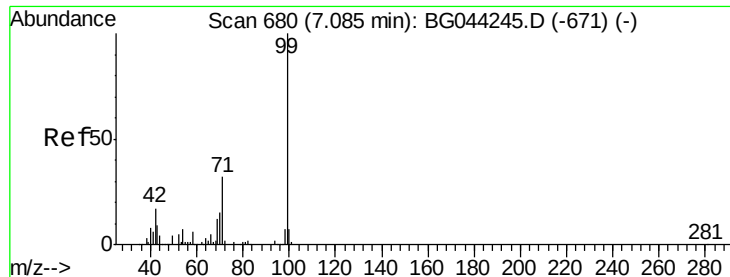
Delta R.T. -0.03 min

Lab File: BG044532.D

Acq: 20 Feb 2020 22:32

Tgt Ion:	93	Resp:	115160
Ion Ratio	Lower	Upper	
93	100		
66	35.5	28.7	43.1
65	18.3	15.4	23.0





#7

Phenol-d6

Concen: 96.340 ng

RT: 7.06 min Scan# 675

Delta R.T. -0.02 min

Lab File: BG044532.D

Acq: 20 Feb 2020 22:32

Instrument :

BNA_G

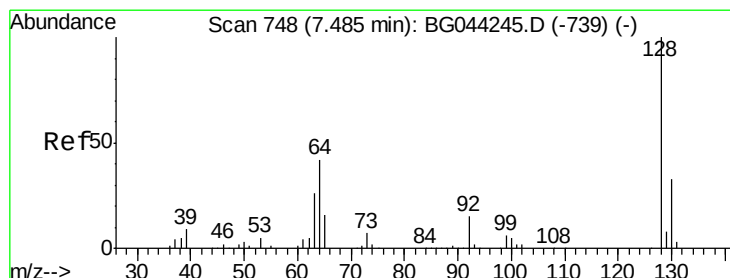
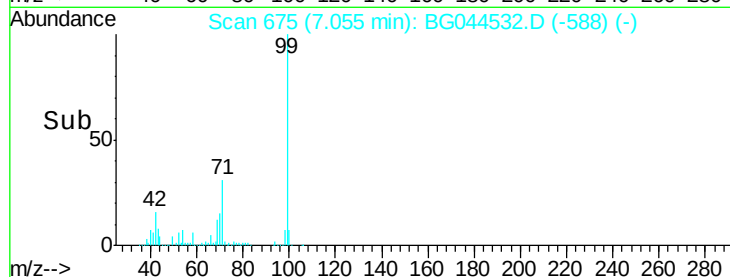
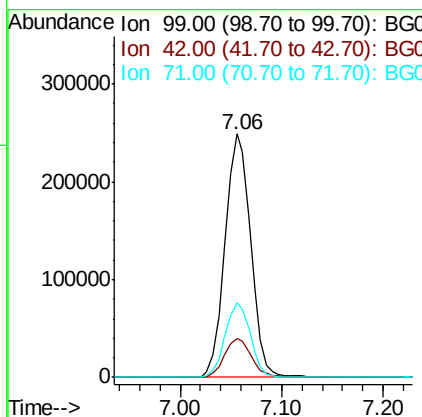
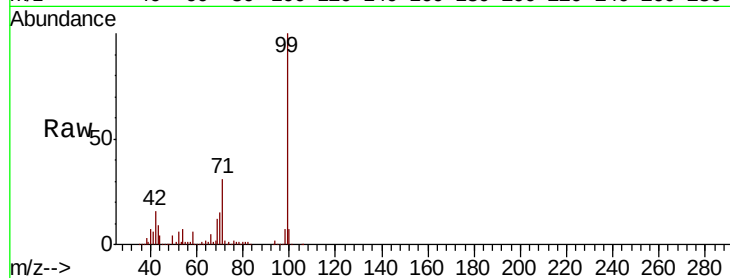
ClientSampleId :

FK-BPM-01-C2-C3-C2A-C3AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		437326		
42	16.1	13.8	20.6		
71	30.8	25.5	38.3		

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#8

2-Chlorophenol

Concen: 55.141 ng

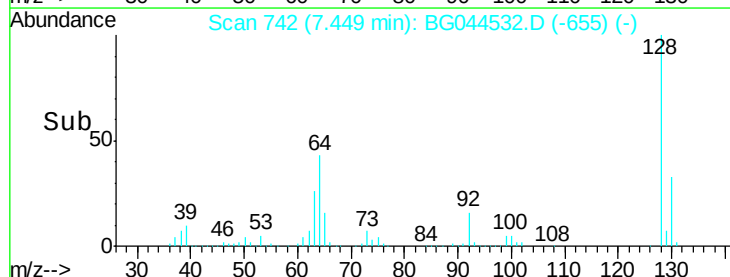
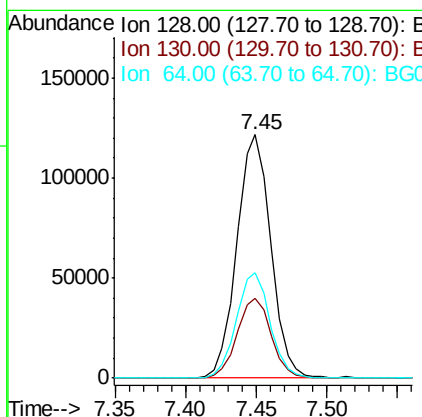
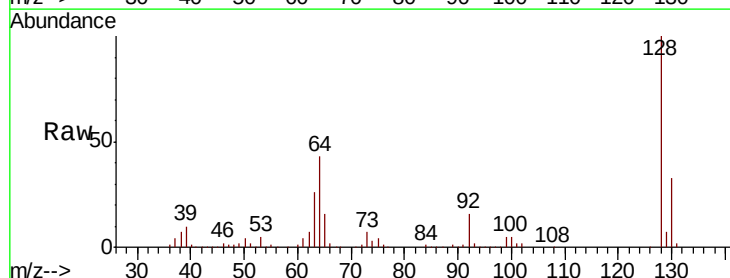
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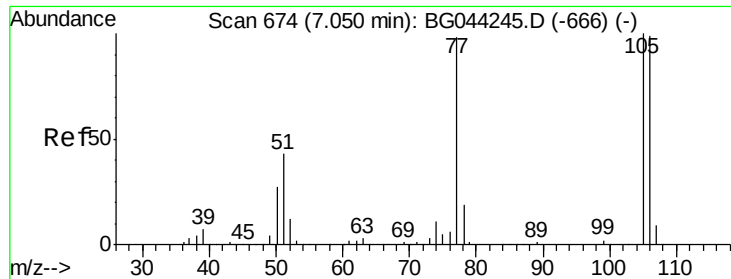
Delta R.T. -0.02 min

Lab File: BG044532.D

Acq: 20 Feb 2020 22:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		204859		
130	32.7	12.5	52.5		
64	43.4	24.2	64.2		





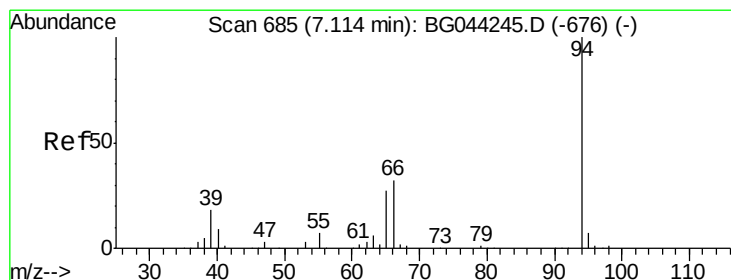
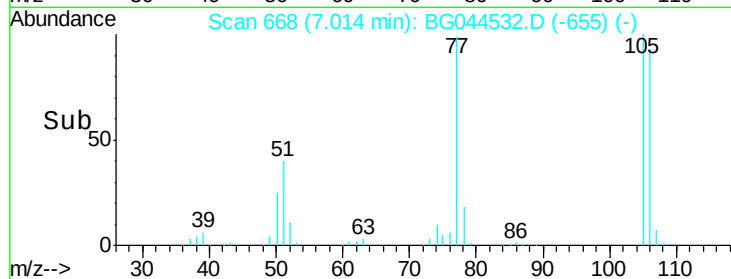
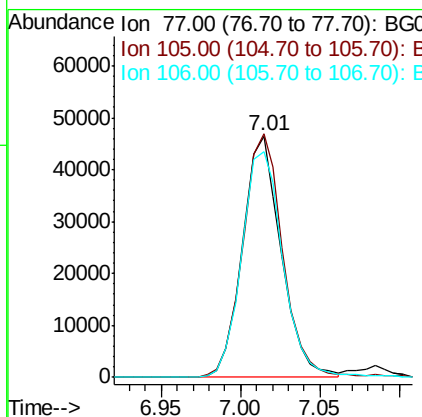
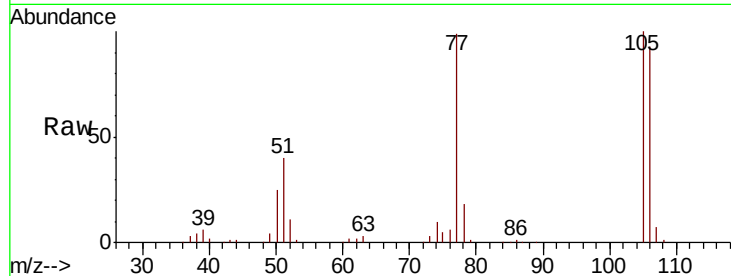
#9
Benzaldehyde
Concen: 30.537 ng
RT: 7.01 min Scan# 668
Delta R.T. -0.02 min
Lab File: BG044532.D
Acq: 20 Feb 2020 22:32

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-C2-C3-C2A-C3AMS

Tot Ion: 77 Resp: 78948
Ion Ratio Lower Upper
77 100
105 101.0 82.0 122.0
106 93.6 80.7 120.7

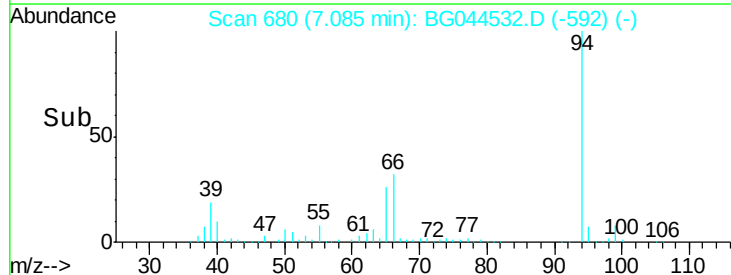
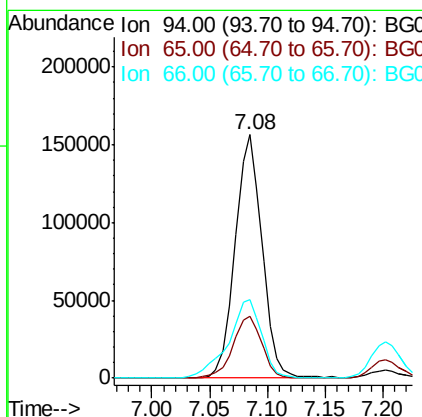
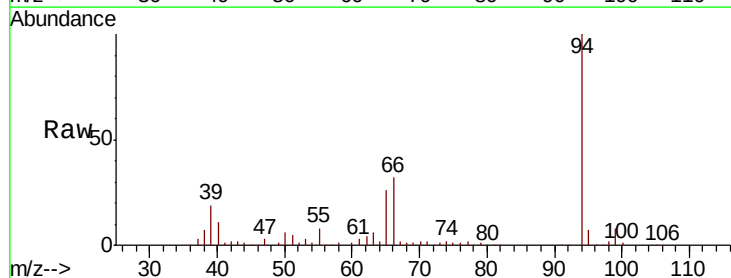
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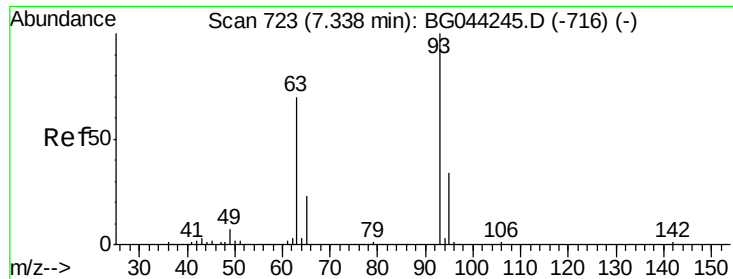
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#10
Phenol
Concen: 56.288 ng
RT: 7.08 min Scan# 680
Delta R.T. -0.02 min
Lab File: BG044532.D
Acq: 20 Feb 2020 22:32

Tgt Ion: 94 Resp: 252875
Ion Ratio Lower Upper
94 100
65 25.6 7.0 47.0
66 32.4 12.7 52.7





#11

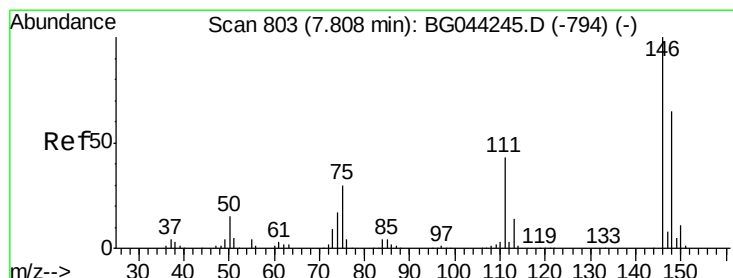
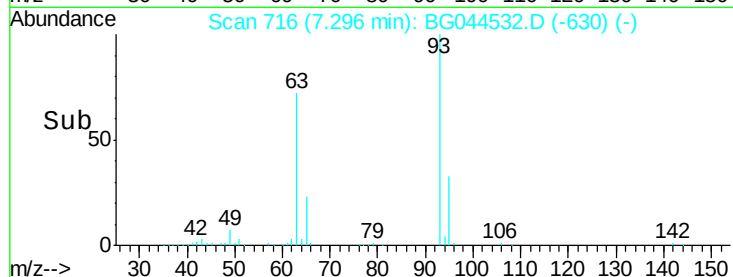
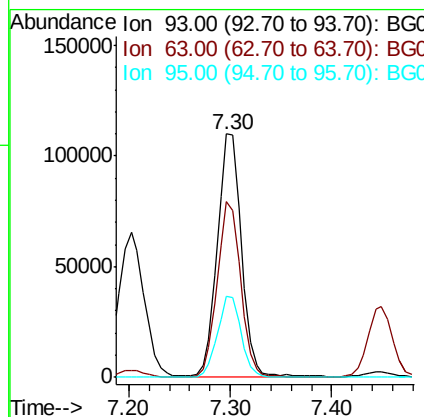
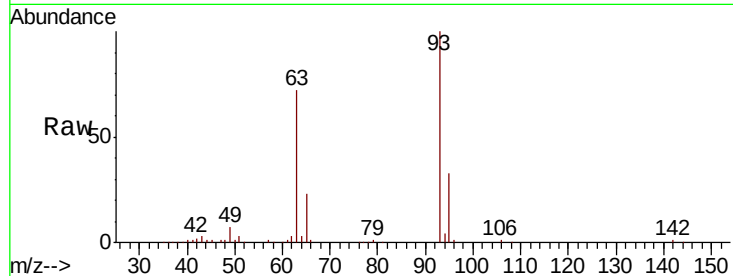
bis(2-Chloroethyl)ether
Concen: 47.411 ng
RT: 7.30 min Scan# 716
Delta R.T. -0.03 min
Lab File: BG044532.D
Acq: 20 Feb 2020 22:32

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-C2-C3-C2A-C3AMS

Tot Ion	93	Resp	182096
Ion	Ratio	Lower	Upper
93	100		
63	72.5	49.2	89.2
95	33.4	13.6	53.6

Manual Integrations
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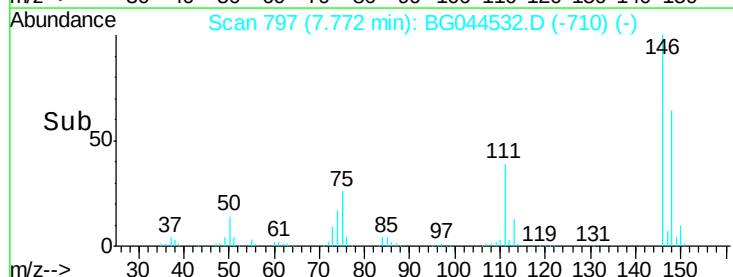
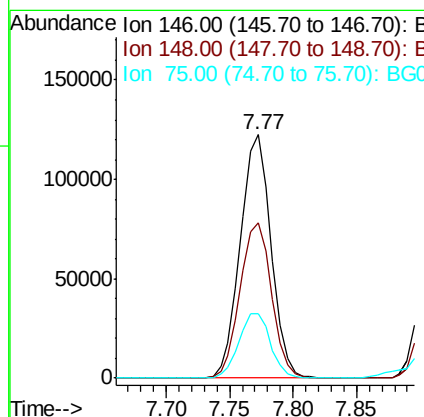
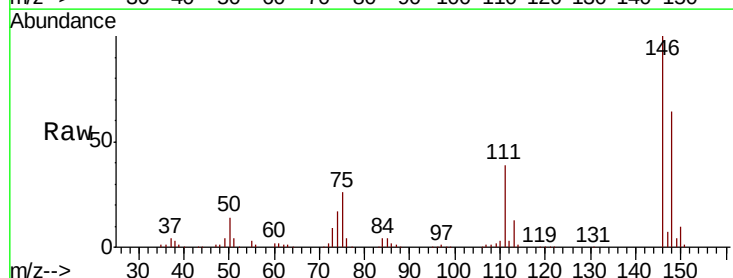
mohammad
2/21/2020 2:17:53 PM

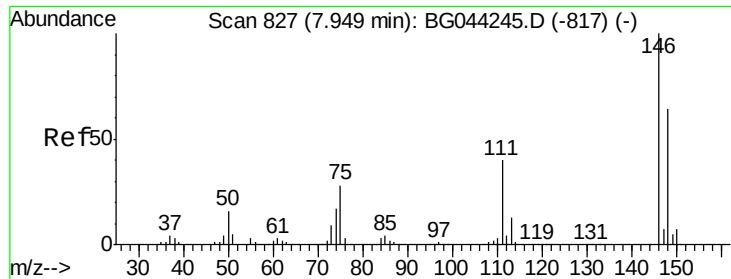


#12

1,3-Dichlorobenzene
Concen: 46.588 ng
RT: 7.77 min Scan# 797
Delta R.T. -0.02 min
Lab File: BG044532.D
Acq: 20 Feb 2020 22:32

Tgt Ion	146	Resp	206653
Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.8	77.8
75	26.3	23.7	35.5





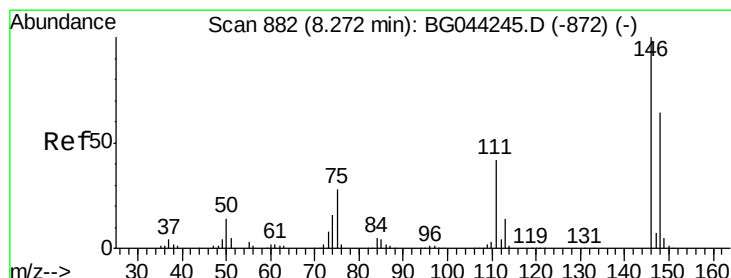
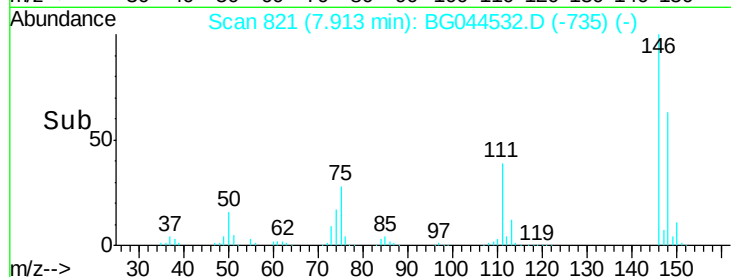
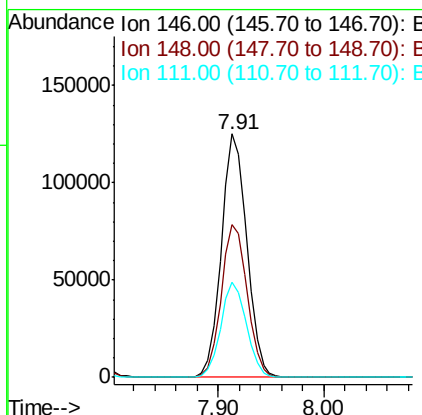
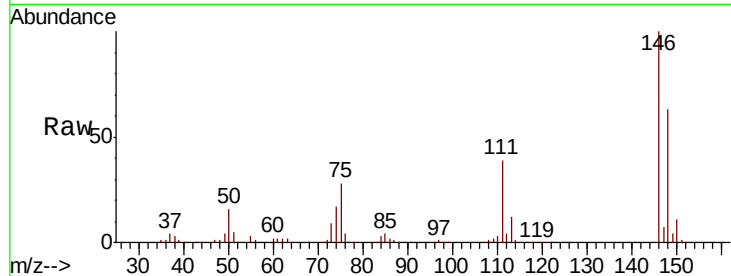
#13
 1,4-Dichlorobenzene
 Concen: 47.639 ng
 RT: 7.91 min Scan# 821
 Delta R.T. -0.03 min
 Lab File: BG044532.D
 Acq: 20 Feb 2020 22:32

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-C2-C3-C2A-C3AMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.4	77.0
111	39.0	31.8	47.8

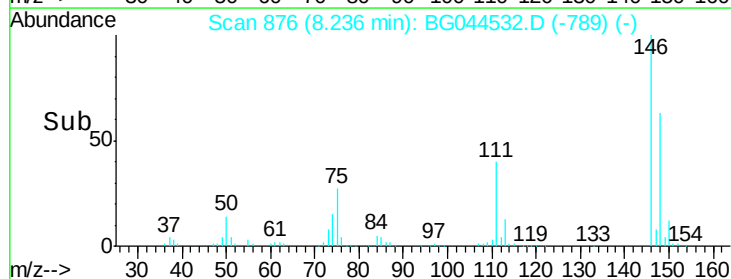
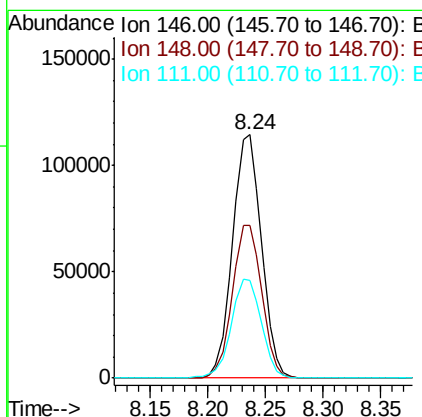
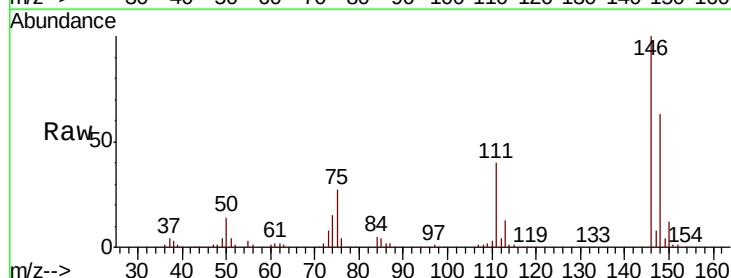
Manual Integrations
 APPROVED

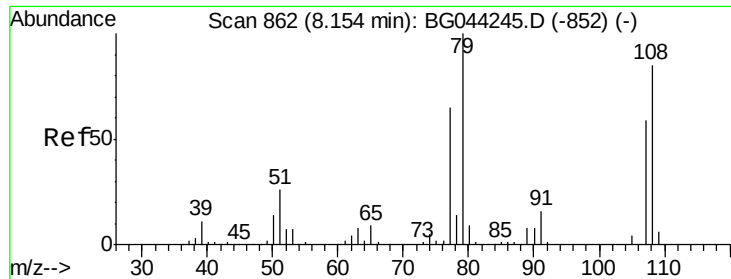
mohammad
 2/21/2020 2:17:53 PM



#14
 1,2-Dichlorobenzene
 Concen: 47.817 ng
 RT: 8.24 min Scan# 876
 Delta R.T. -0.02 min
 Lab File: BG044532.D
 Acq: 20 Feb 2020 22:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.2	76.8
111	40.3	34.0	51.0





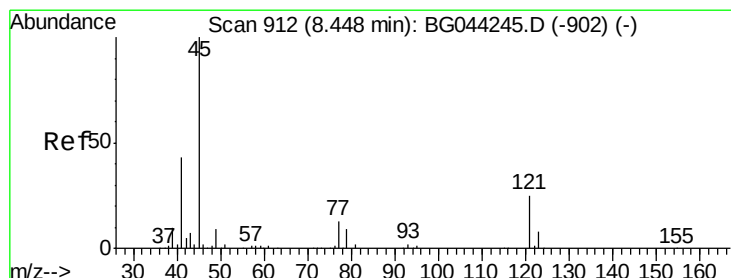
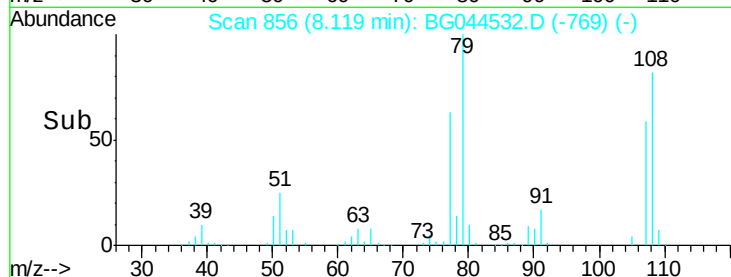
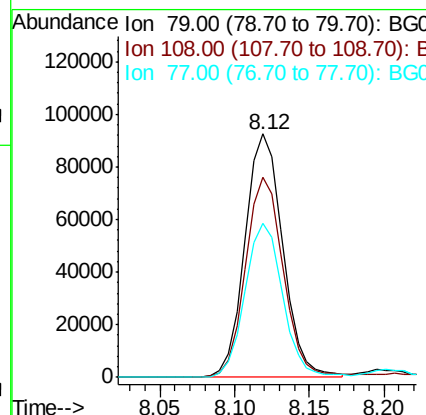
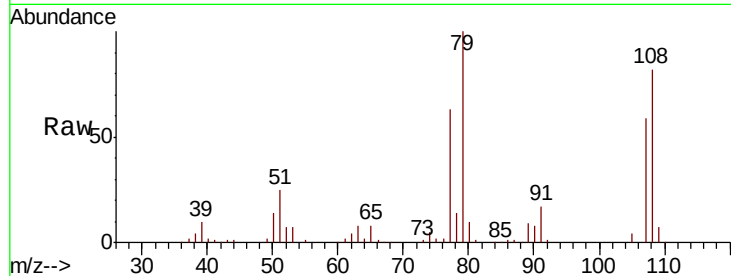
#15
Benzyl Alcohol
Concen: 50.643 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.02 min
Lab File: BG044532.D
Acq: 20 Feb 2020 22:32

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-C2-C3-C2A-C3AMS

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.4	68.3	102.5
77	63.3	51.8	77.8

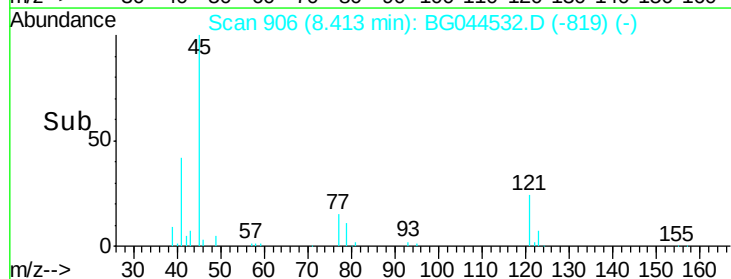
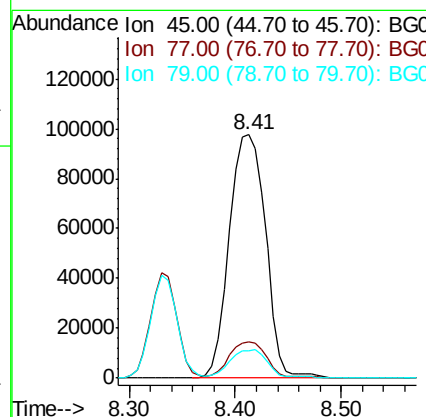
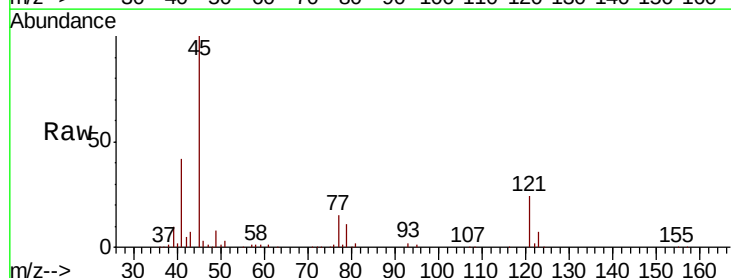
Manual Integrations
APPROVED

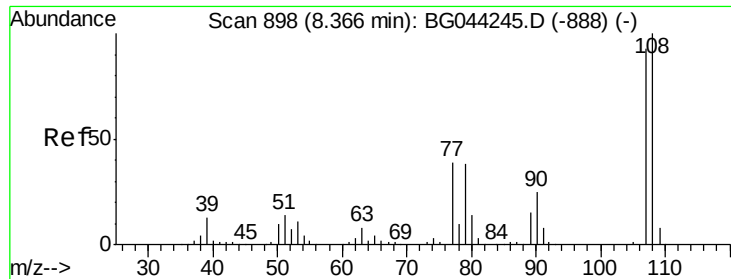
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.742 ng
RT: 8.41 min Scan# 906
Delta R.T. -0.02 min
Lab File: BG044532.D
Acq: 20 Feb 2020 22:32

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.8	0.0	35.2
79	11.3	0.0	31.1





#17

2-Methylphenol

Concen: 53.485 ng

RT: 8.33 min Scan# 892

Delta R.T. -0.02 min

Lab File: BG044532.D

Acq: 20 Feb 2020 22:32

Instrument :

BNA_G

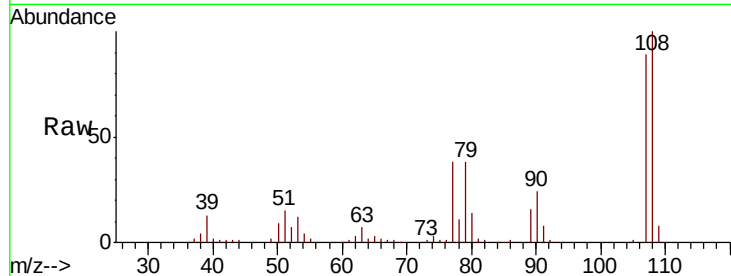
ClientSampleId :

FK-BPM-01-C2-C3-C2A-C3AMS

Tot Ion:	107	Resp:	171436
Ion Ratio	Lower	Upper	
107	100		
108	111.7	86.4	129.6
77	43.0	34.0	51.0
79	42.3	32.9	49.3

Manual Integrations
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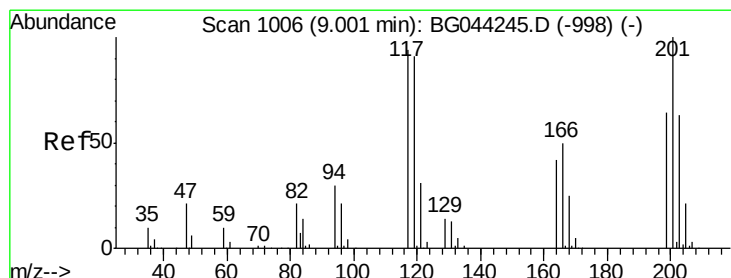
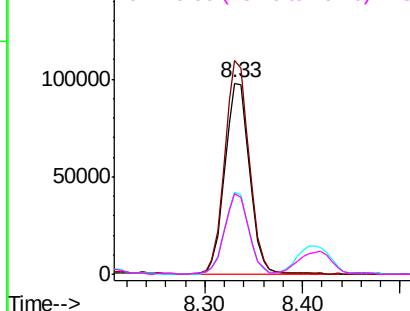
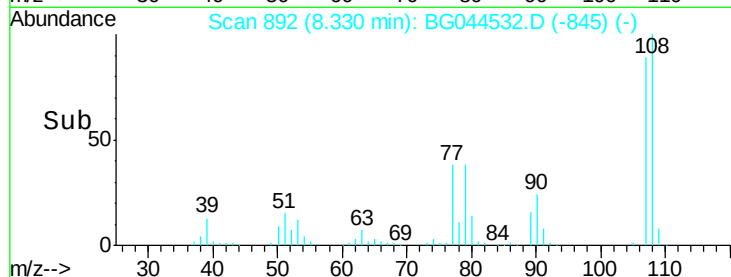
Abundance

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: 46.300 ng

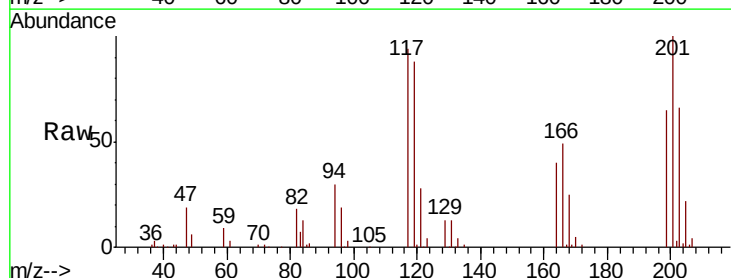
RT: 8.96 min Scan# 1000

Delta R.T. -0.02 min

Lab File: BG044532.D

Acq: 20 Feb 2020 22:32

Tgt Ion:	117	Resp:	76331
Ion Ratio	Lower	Upper	
117	100		
119	94.5	77.5	116.3
201	106.8	84.9	127.3

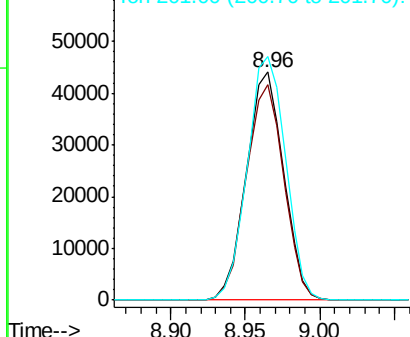
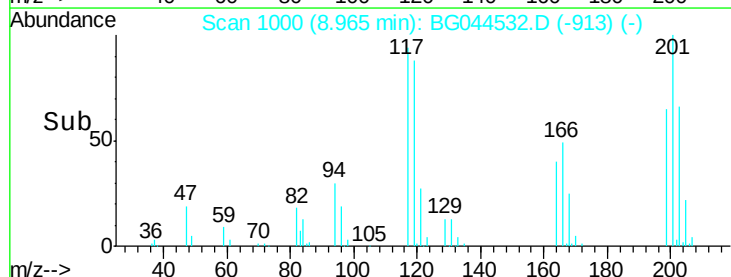


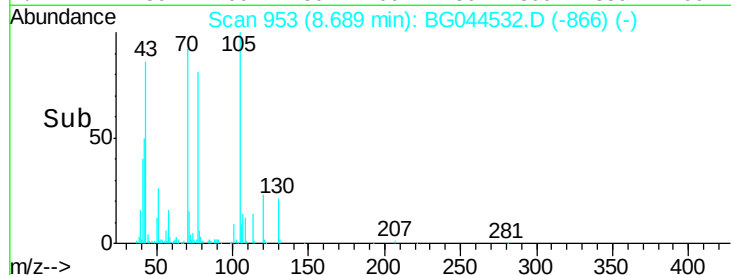
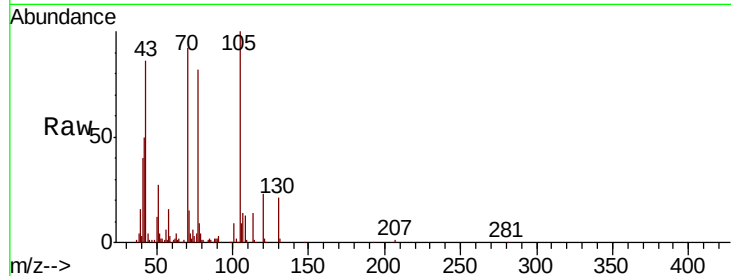
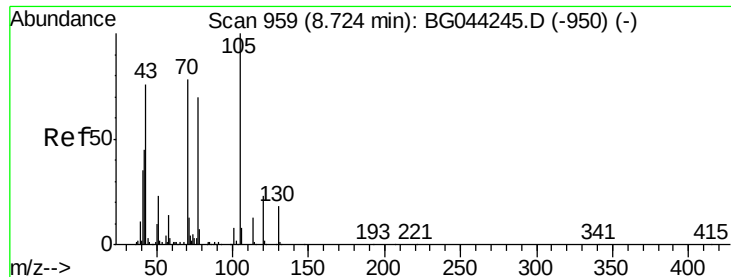
Abundance

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





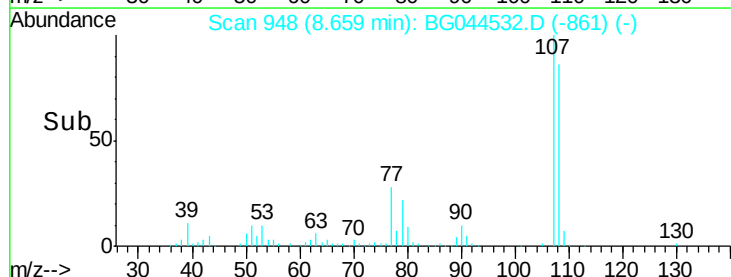
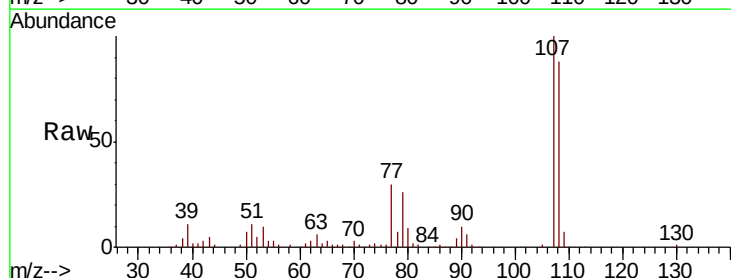
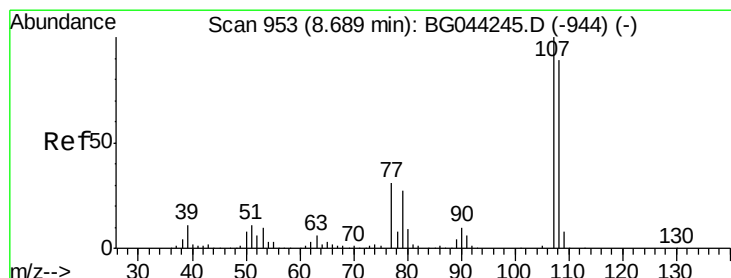
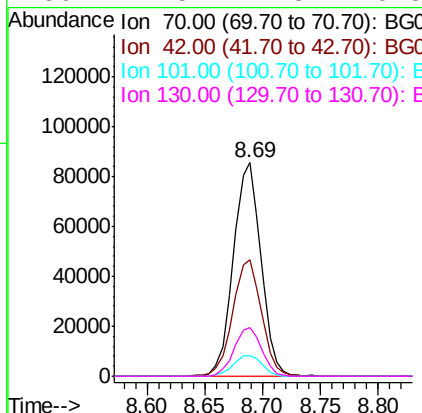
#19
n-Nitroso-di-n-propylamine
Concen: 46.739 ng
RT: 8.69 min Scan# 953
Delta R.T. -0.02 min
Lab File: BG044532.D
Acq: 20 Feb 2020 22:32

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-C2-C3-C2A-C3AMS

Tot Ion	Ratio	Lower	Upper
70	100		
42	54.6	46.2	69.2
101	9.9	8.4	12.6
130	22.5	17.8	26.8

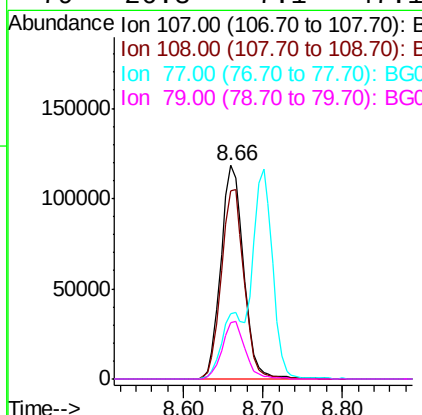
Manual Integrations
APPROVED

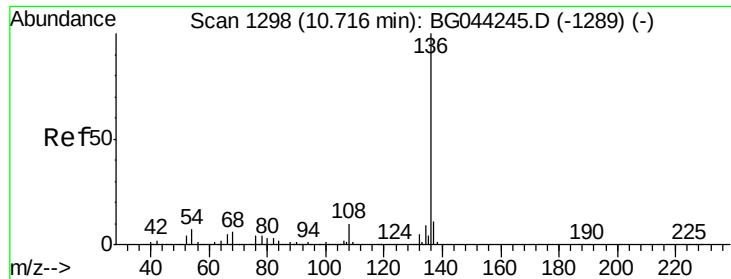
mohammad
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#20
3+4-Methylphenols
Concen: 53.245 ng
RT: 8.66 min Scan# 948
Delta R.T. -0.02 min
Lab File: BG044532.D
Acq: 20 Feb 2020 22:32

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.8	68.5	108.5
77	30.4	10.9	50.9
79	26.3	7.1	47.1





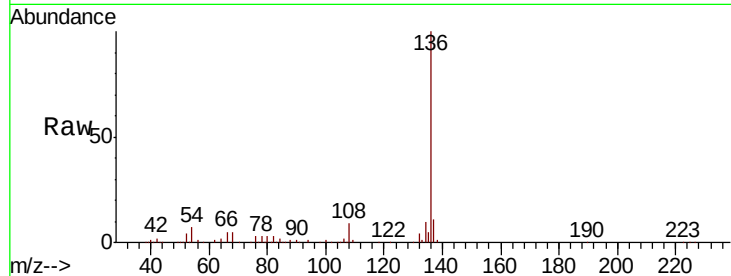
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.68 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BG044532.D
Acq: 20 Feb 2020 22:32

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-C2-C3-C2A-C3AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		252824		
137	10.6	8.8	13.2		
54	6.8	5.8	8.8		
68	5.5	4.6	6.8		

Manual Integrations
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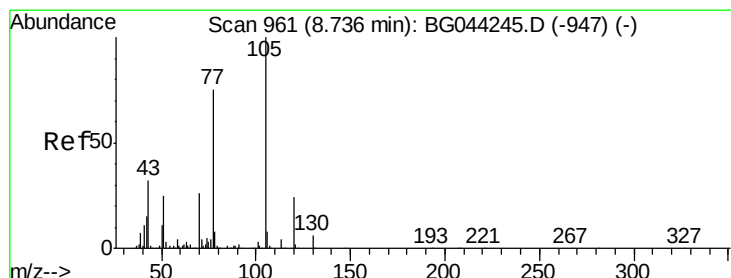
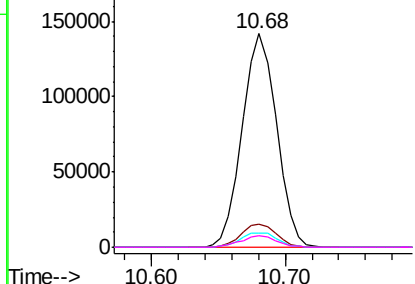
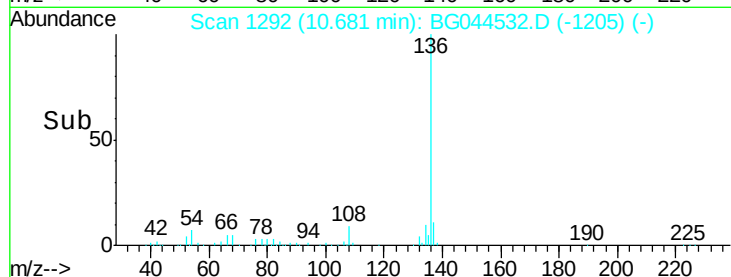
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

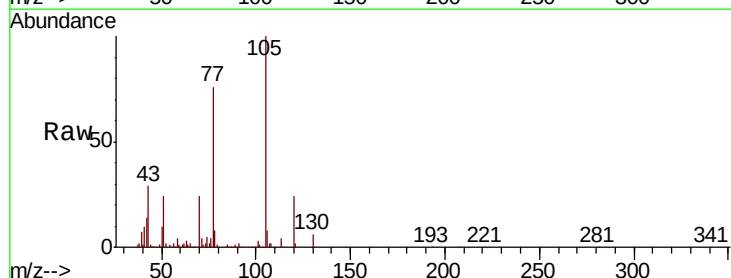
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 43.590 ng
RT: 8.70 min Scan# 955
Delta R.T. -0.02 min
Lab File: BG044532.D
Acq: 20 Feb 2020 22:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		268095		
71	3.9	3.4	5.0		
51	24.2	20.2	30.4		
120	23.6	19.1	28.7		



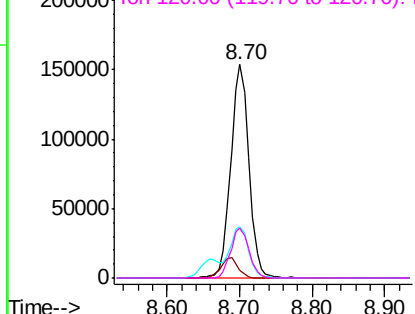
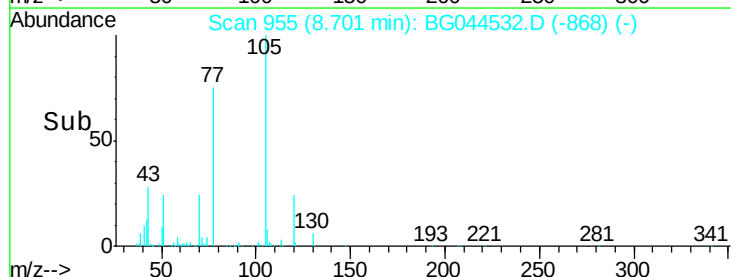
Abundance

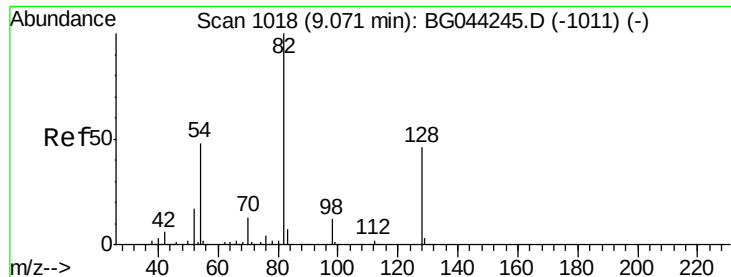
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





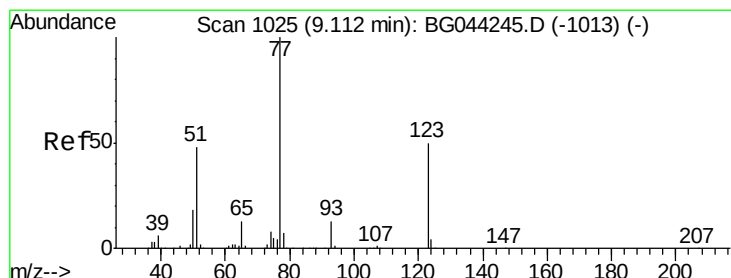
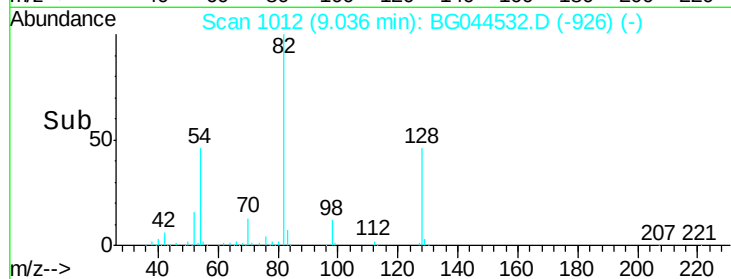
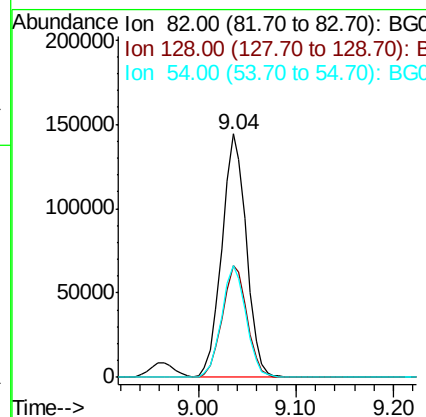
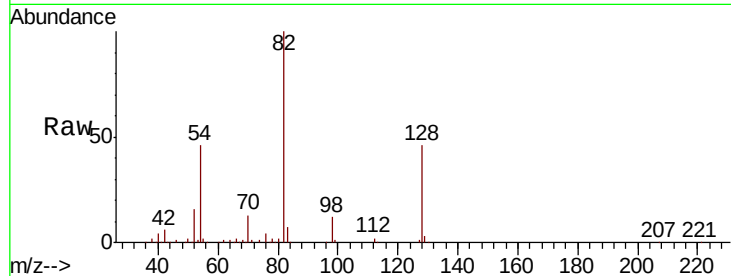
#23
 Nitrobenzene-d5
 Concen: 55.905 ng
 RT: 9.04 min Scan# 1012
 Delta R.T. -0.03 min
 Lab File: BG044532.D
 Acq: 20 Feb 2020 22:32

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-C2-C3-C2A-C3AMS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	250353		
128	45.7	36.5	54.7	
54	45.9	38.6	58.0	

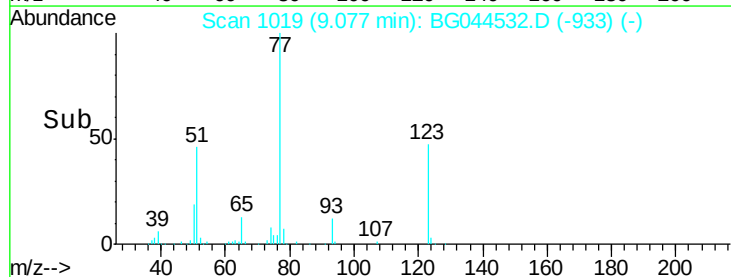
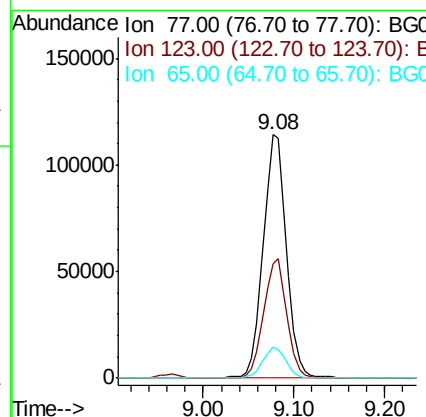
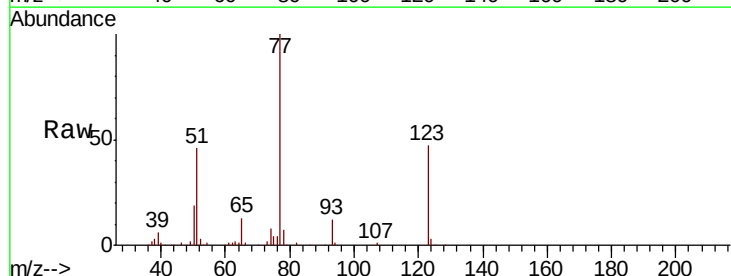
Manual Integrations
 APPROVED

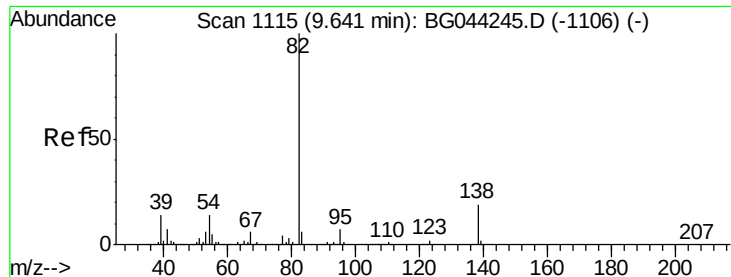
mohammad
 2/21/2020 2:17:53 PM



#24
 Nitrobenzene
 Concen: 46.497 ng
 RT: 9.08 min Scan# 1019
 Delta R.T. -0.03 min
 Lab File: BG044532.D
 Acq: 20 Feb 2020 22:32

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	203279		
123	46.9	39.9	59.9	
65	12.9	10.4	15.6	





#25

Isophorone

Concen: 46.477 ng

RT: 9.61 min Scan# 1109

Delta R.T. -0.03 min

Lab File: BG044532.D

Acq: 20 Feb 2020 22:32

Instrument :

BNA_G

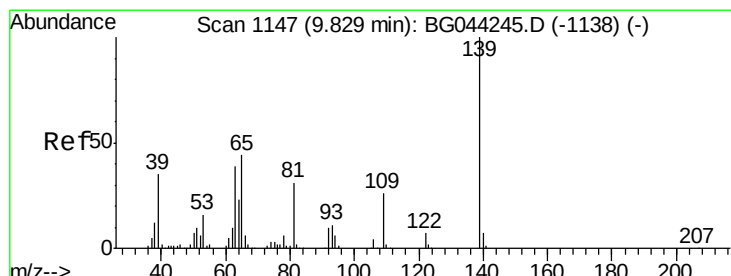
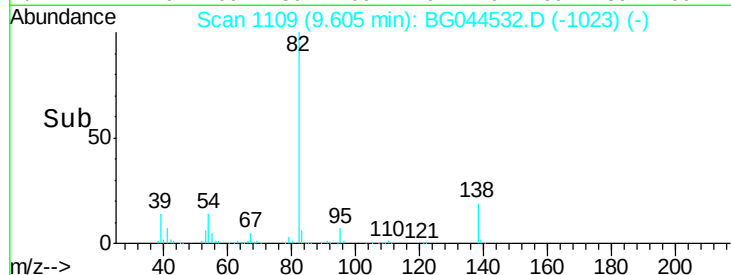
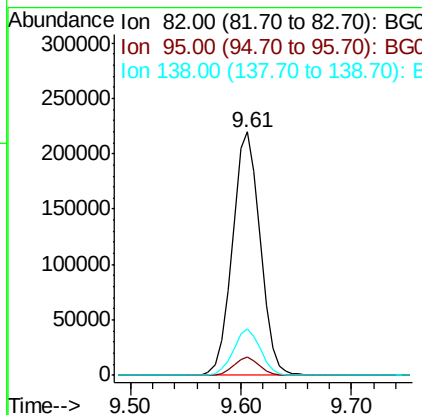
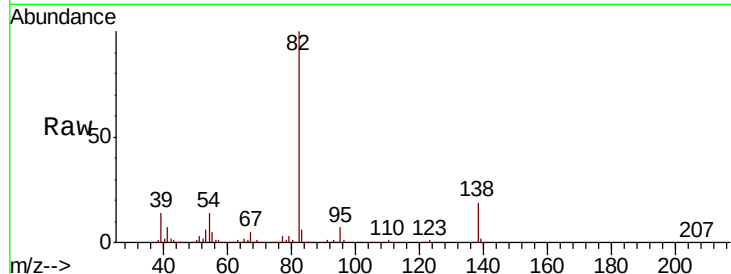
ClientSampleId :

FK-BPM-01-C2-C3-C2A-C3AMS

Tot Ion:	82	Resp:	387934
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.7	8.5
138	19.1	15.0	22.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 49.854 ng

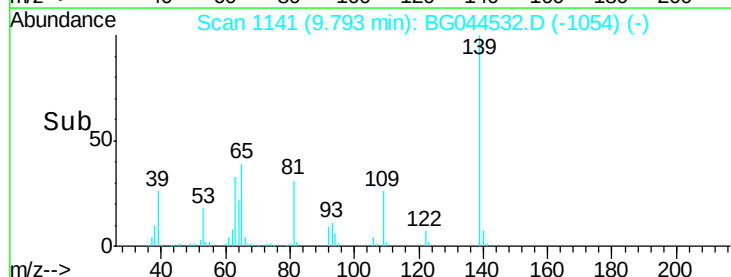
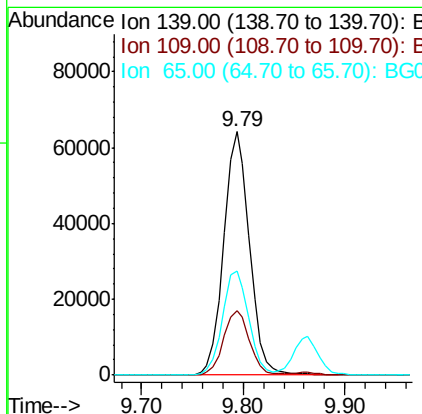
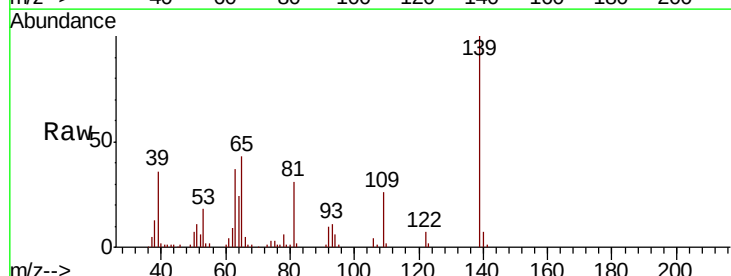
RT: 9.79 min Scan# 1141

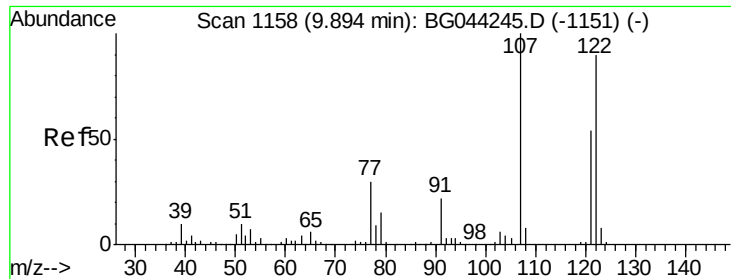
Delta R.T. -0.02 min

Lab File: BG044532.D

Acq: 20 Feb 2020 22:32

Tgt Ion:	139	Resp:	113094
Ion Ratio	Lower	Upper	
139	100		
109	26.3	21.0	31.4
65	42.7	35.0	52.4





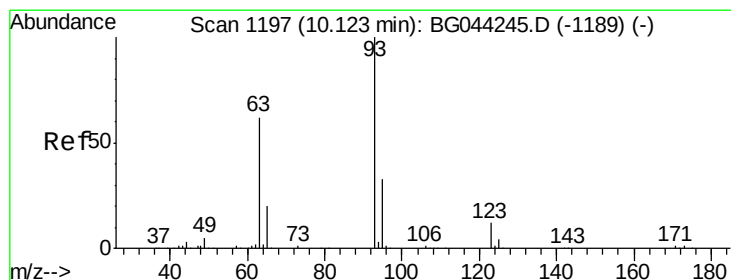
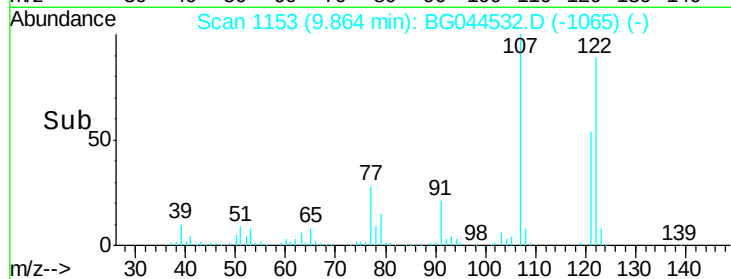
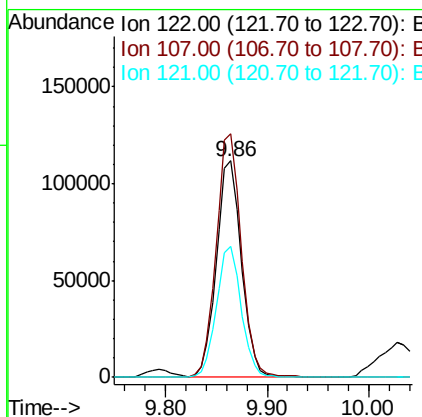
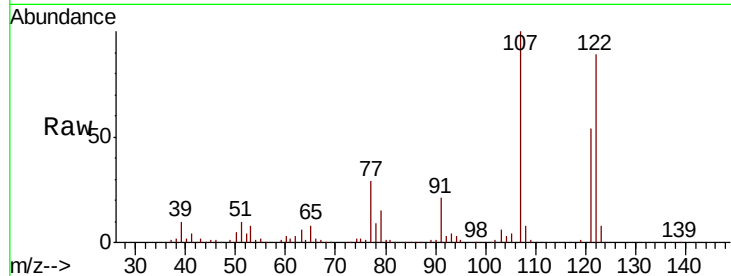
#27
2,4-Dimethylphenol
Concen: 59.503 ng
RT: 9.86 min Scan# 1153
Delta R.T. -0.02 min
Lab File: BG044532.D
Acq: 20 Feb 2020 22:32

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-C2-C3-C2A-C3AMS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	190543		
107	112.4	88.8	133.2	
121	60.5	48.3	72.5	

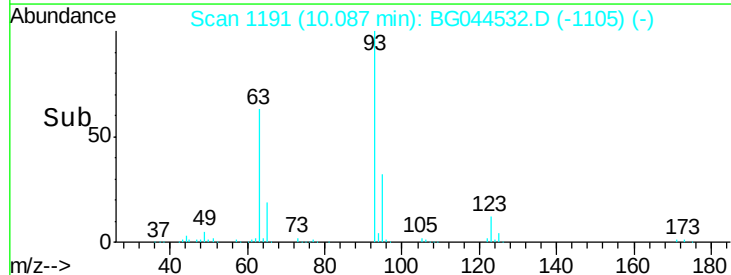
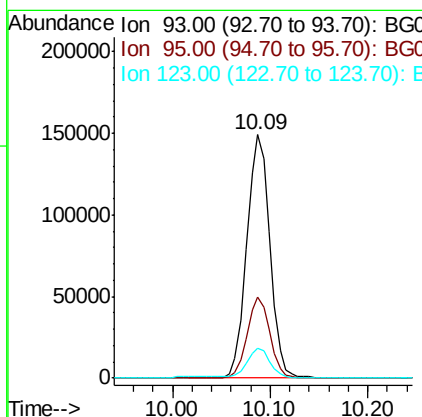
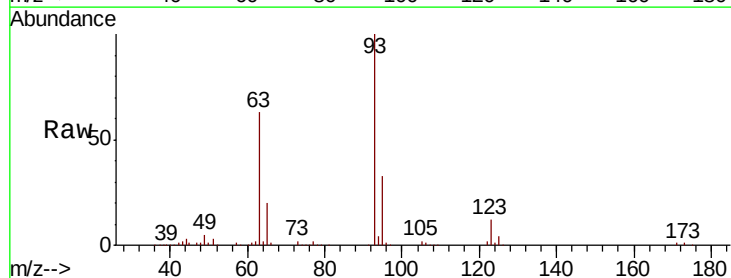
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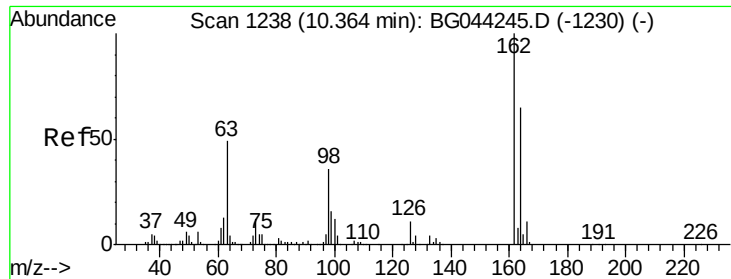
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 44.574 ng
RT: 10.09 min Scan# 1191
Delta R.T. -0.03 min
Lab File: BG044532.D
Acq: 20 Feb 2020 22:32

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	248193		
95	33.3	26.6	40.0	
123	12.1	10.0	15.0	





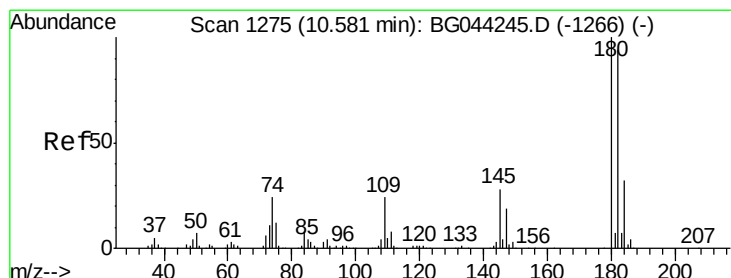
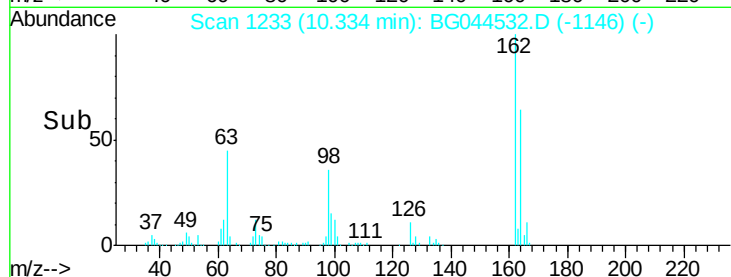
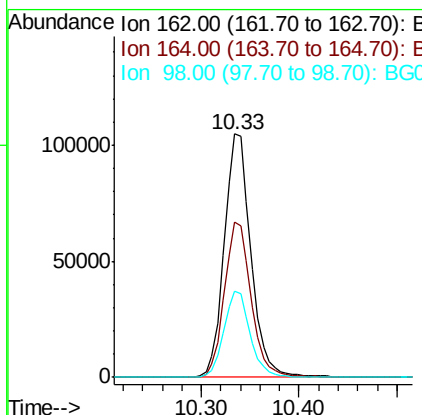
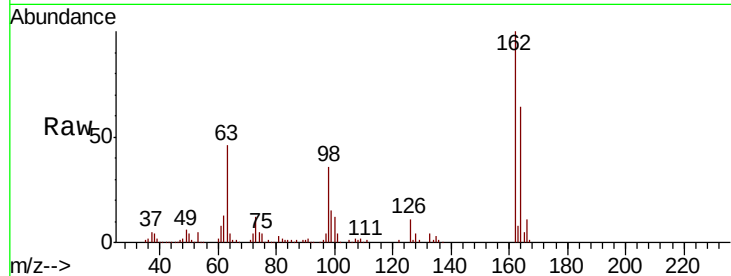
#29
 2,4-Dichlorophenol
 Concen: 51.339 ng
 RT: 10.33 min Scan# 1233
 Delta R.T. -0.02 min
 Lab File: BG044532.D
 Acq: 20 Feb 2020 22:32

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-C2-C3-C2A-C3AMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	198788		
164	63.7	44.7	84.7	
98	35.6	15.8	55.8	

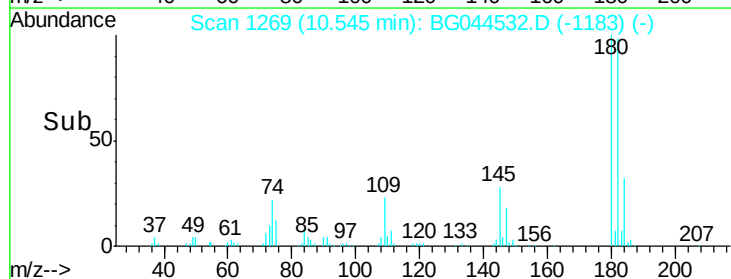
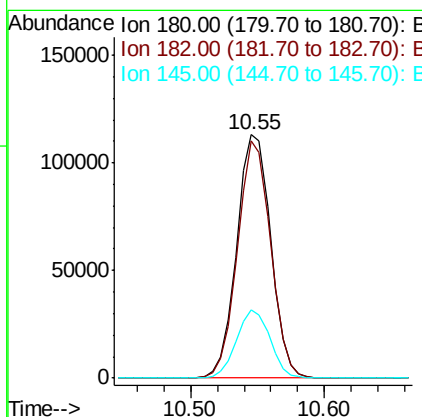
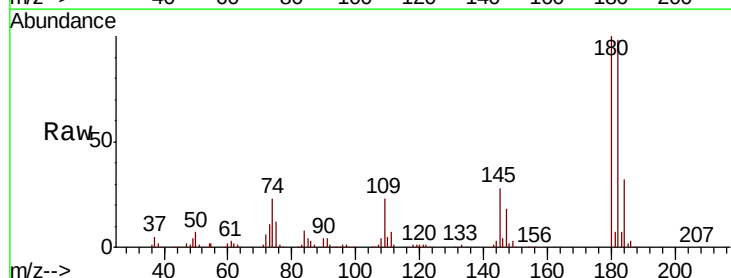
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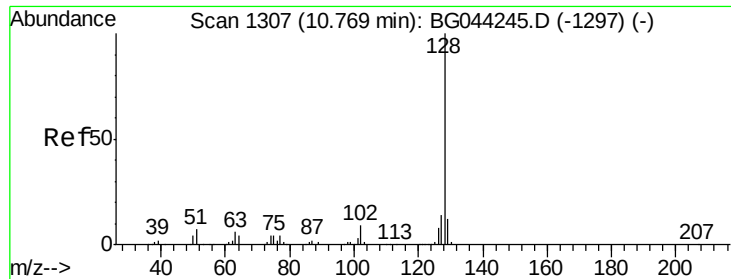
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#30
 1,2,4-Trichlorobenzene
 Concen: 44.825 ng
 RT: 10.55 min Scan# 1269
 Delta R.T. -0.03 min
 Lab File: BG044532.D
 Acq: 20 Feb 2020 22:32

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	199017		
182	97.7	75.5	113.3	
145	28.2	22.6	34.0	





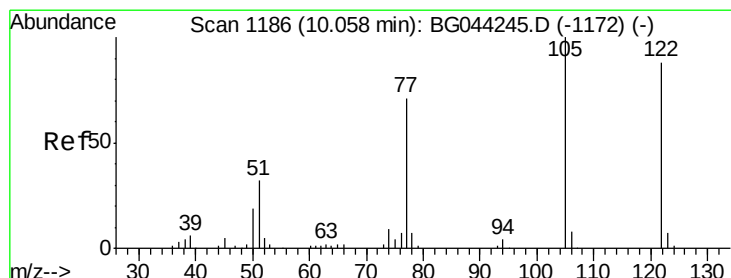
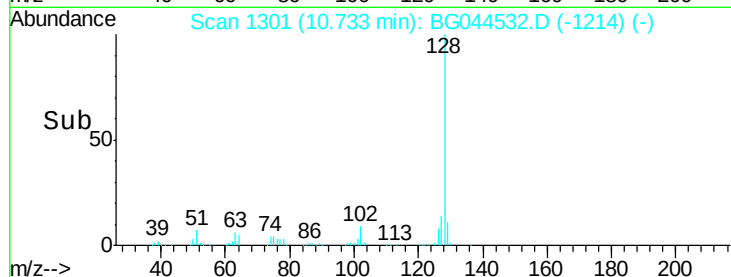
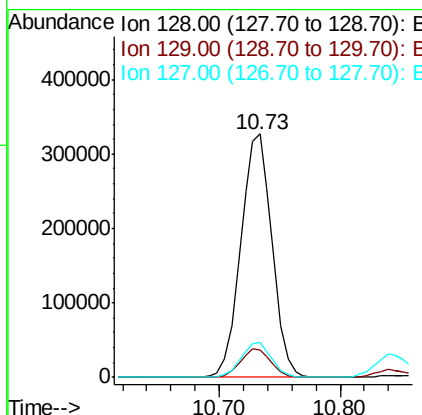
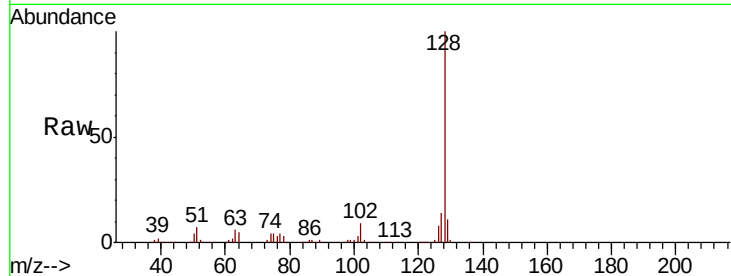
#31
Naphthalene
Concen: 47.756 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BG044532.D
Acq: 20 Feb 2020 22:32

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-C2-C3-C2A-C3AMS

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

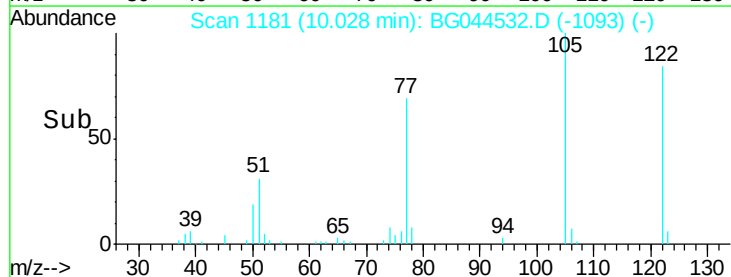
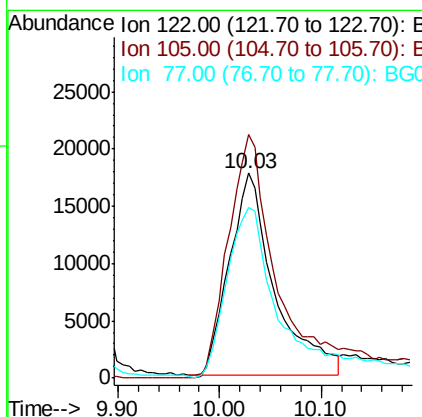
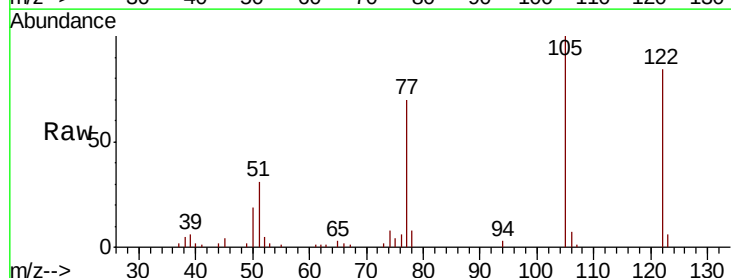
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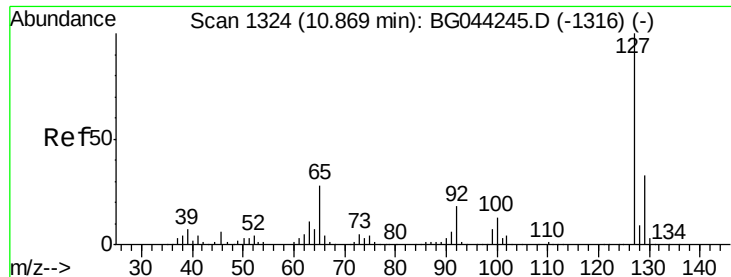
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#32
Benzoic acid
Concen: 32.346 ng
RT: 10.03 min Scan# 1181
Delta R.T. -0.02 min
Lab File: BG044532.D
Acq: 20 Feb 2020 22:32

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.8	93.5	133.5
77	83.2	61.0	101.0





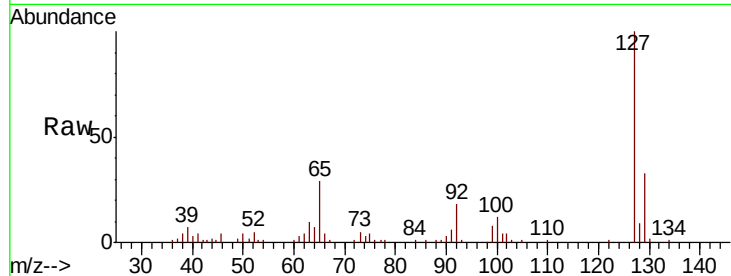
#33
4-Chloroaniline
Concen: 11.718 ng
RT: 10.84 min Scan# 1319
Delta R.T. -0.02 min
Lab File: BG044532.D
Acq: 20 Feb 2020 22:32

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-C2-C3-C2A-C3AMS

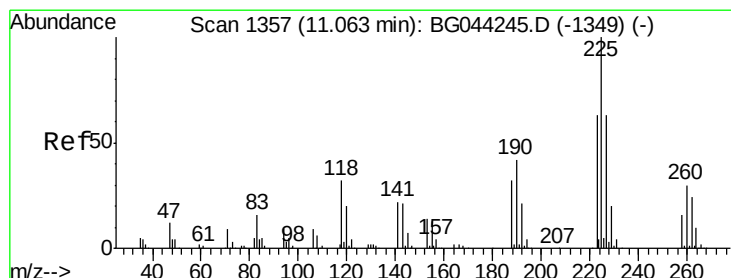
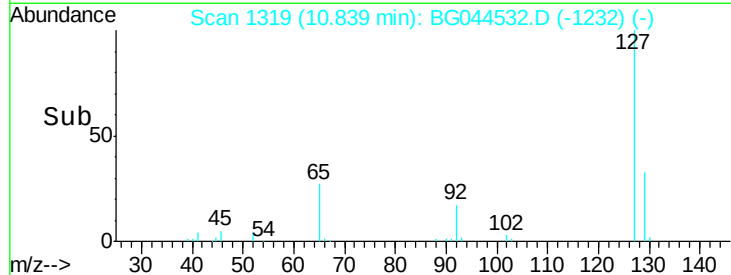
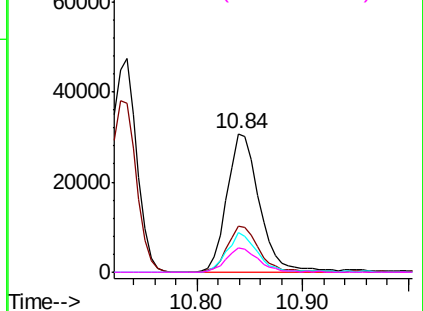
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		65371		
129	33.4	26.6	40.0		
65	28.6	22.5	33.7		
92	17.7	14.1	21.1		

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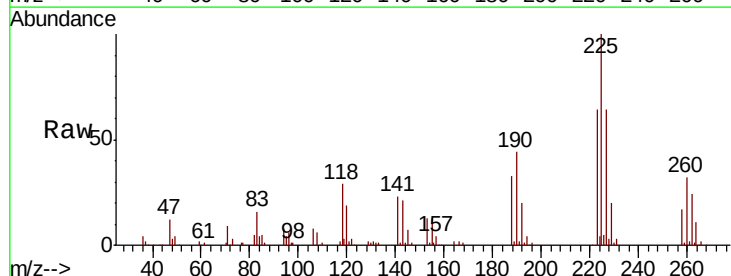


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

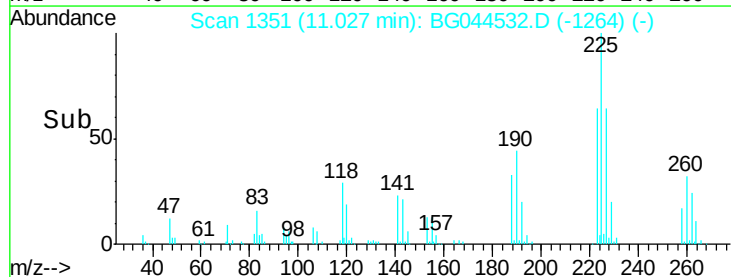
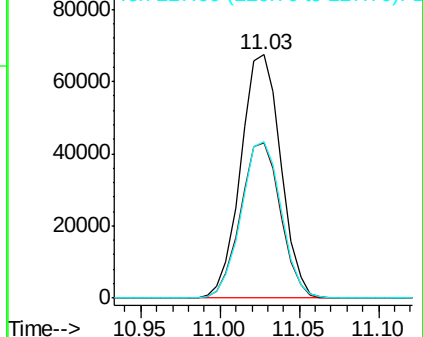


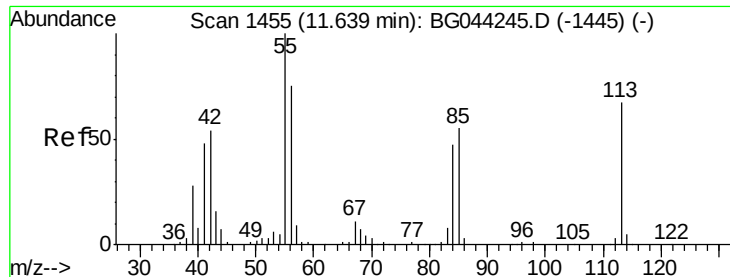
#34
Hexachlorobutadiene
Concen: 43.312 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BG044532.D
Acq: 20 Feb 2020 22:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		118327		
223	63.6	50.2	75.4		
227	64.2	50.8	76.2		



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





#35

Caprolactam

Concen: 51.267 ng/mL

RT: 11.61 min Scan# 1450

Delta R.T. -0.03 min

Lab File: BG044532.D

Acq: 20 Feb 2020 22:32

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-C2-C3-C2A-C3AMS

Tot Ion:113 Resp: 72717

Ion Ratio Lower Upper

113 100

55 157.0 129.9 169.9

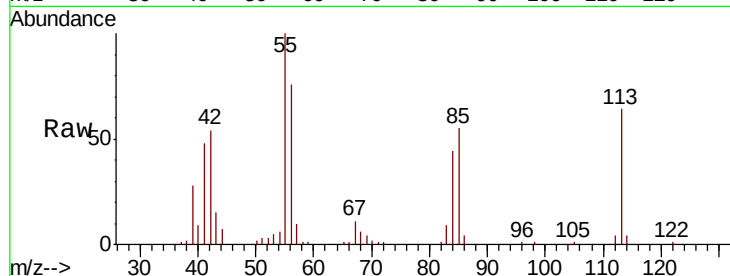
56 118.7 92.5 132.5

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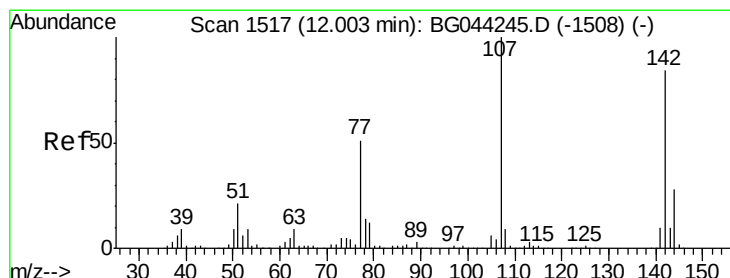
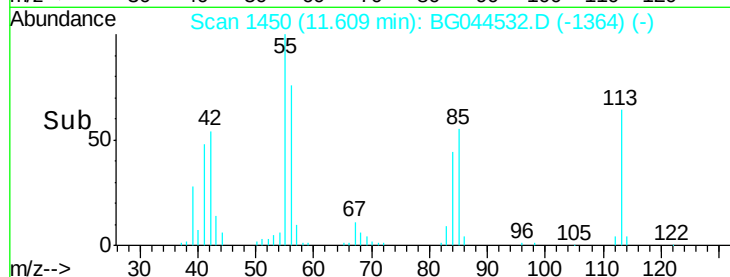
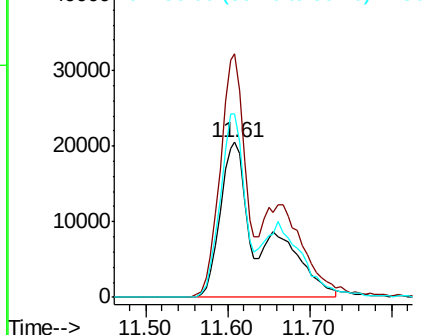
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 51.517 ng/mL

RT: 11.98 min Scan# 1513

Delta R.T. -0.02 min

Lab File: BG044532.D

Acq: 20 Feb 2020 22:32

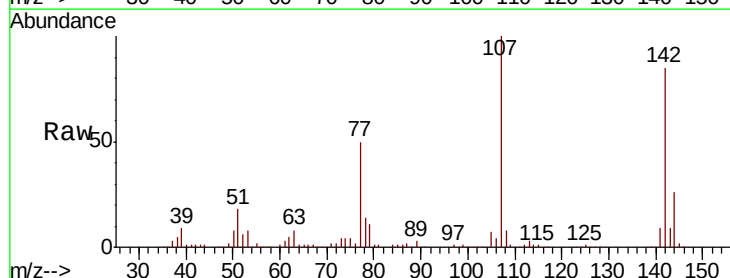
Tgt Ion:107 Resp: 209141

Ion Ratio Lower Upper

107 100

144 26.2 22.2 33.4

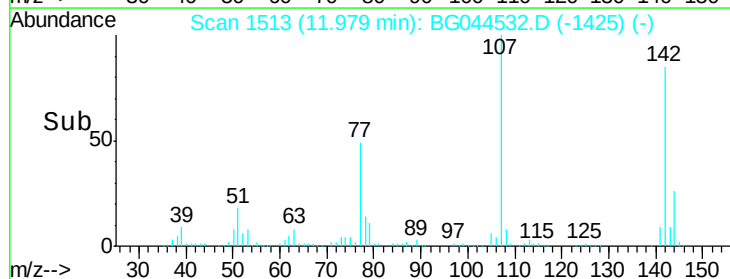
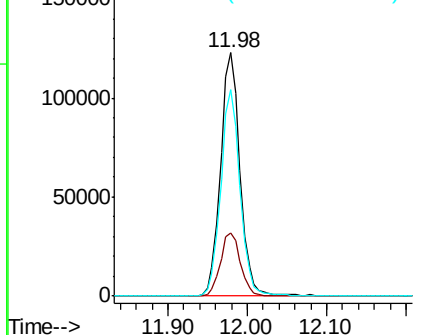
142 84.9 67.4 101.0

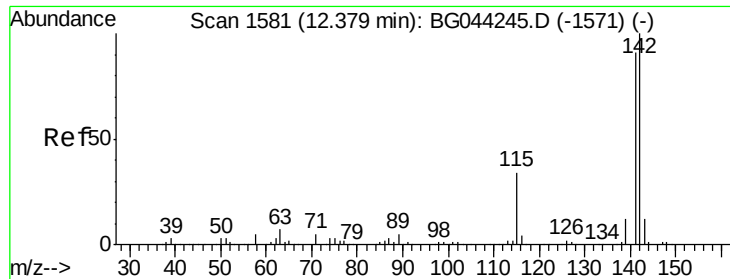


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





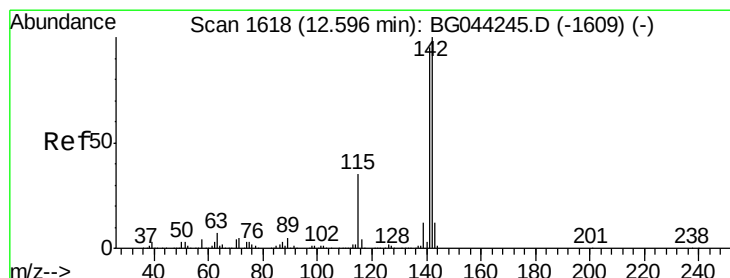
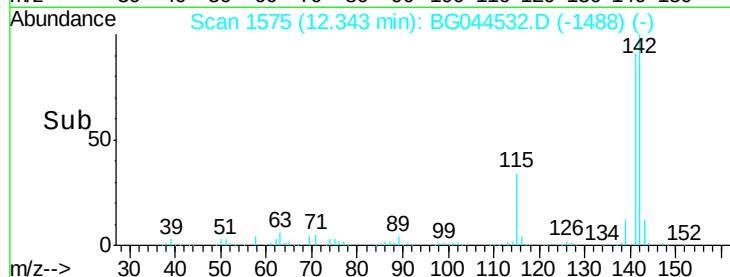
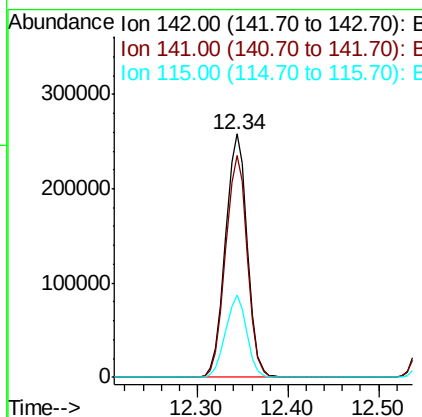
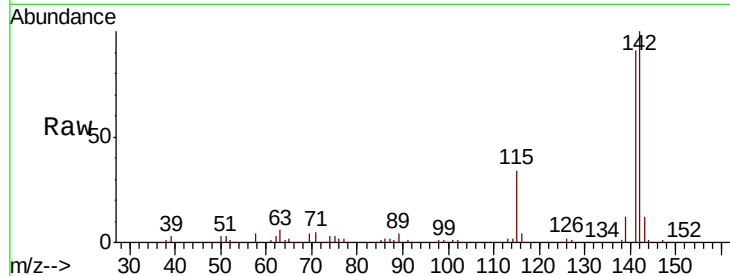
#37
2-Methylnaphthalene
Concen: 47.338 ng
RT: 12.34 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BG044532.D
Acq: 20 Feb 2020 22:32

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-C2-C3-C2A-C3AMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.2	109.8
115	33.9	27.1	40.7

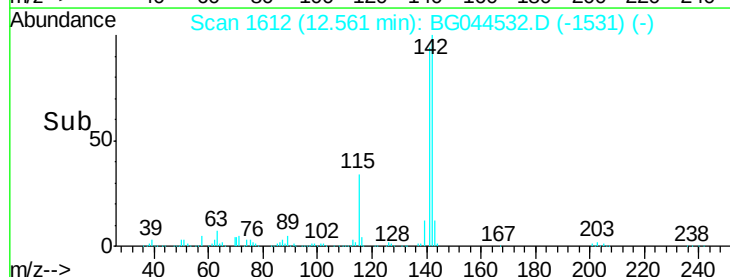
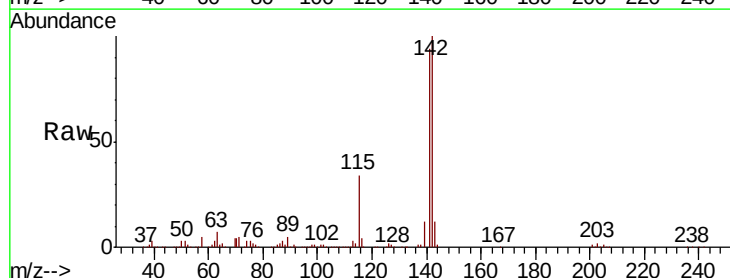
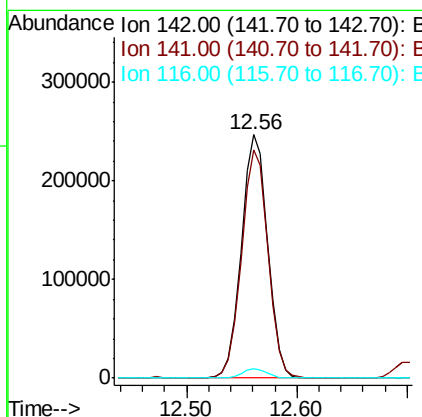
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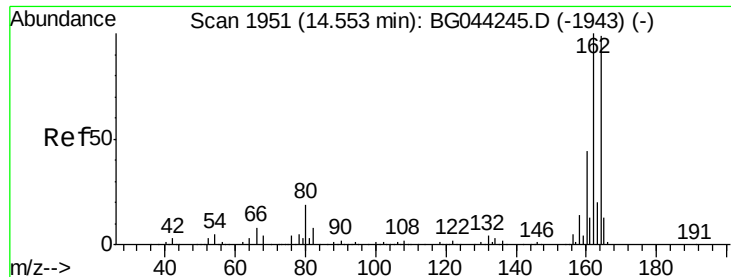
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#38
1-Methylnaphthalene
Concen: 47.888 ng
RT: 12.56 min Scan# 1612
Delta R.T. -0.02 min
Lab File: BG044532.D
Acq: 20 Feb 2020 22:32

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.8	75.8	113.6
116	3.9	3.1	4.7





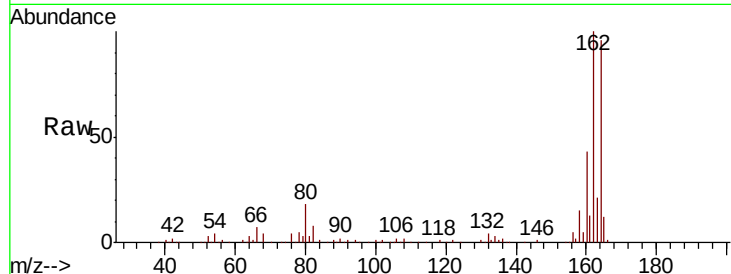
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.52 min Scan# 1946
Delta R.T. -0.02 min
Lab File: BG044532.D
Acq: 20 Feb 2020 22:32

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-C2-C3-C2A-C3AMS

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.2	80.7	121.1
160	44.8	35.3	52.9

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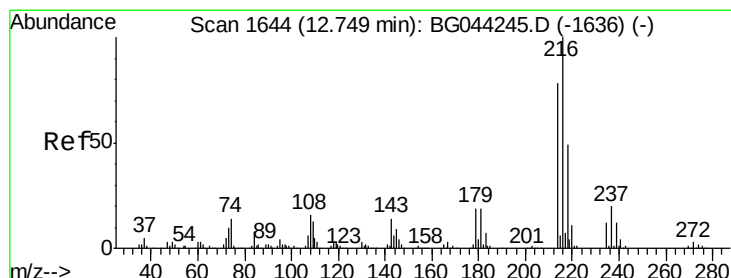
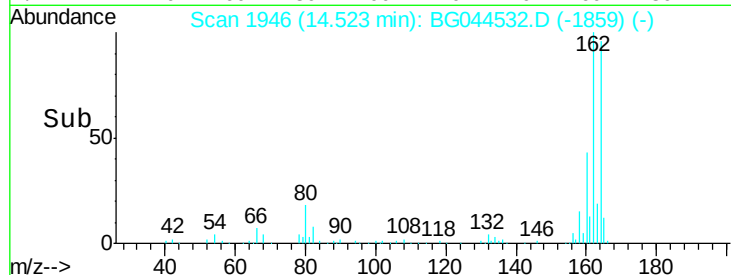
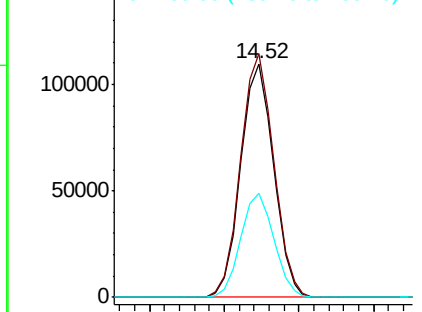


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.530 ng
RT: 12.71 min Scan# 1638
Delta R.T. -0.03 min
Lab File: BG044532.D
Acq: 20 Feb 2020 22:32

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.0	94.6
179	20.5	16.2	24.4
108	17.7	13.5	20.3

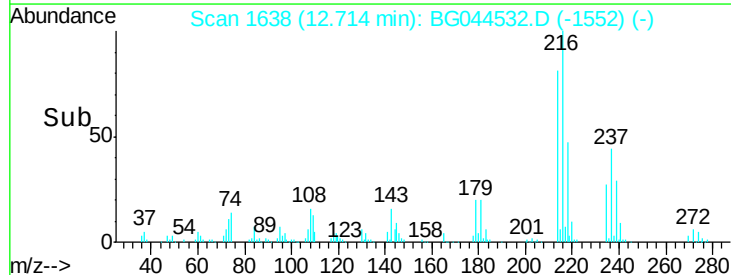
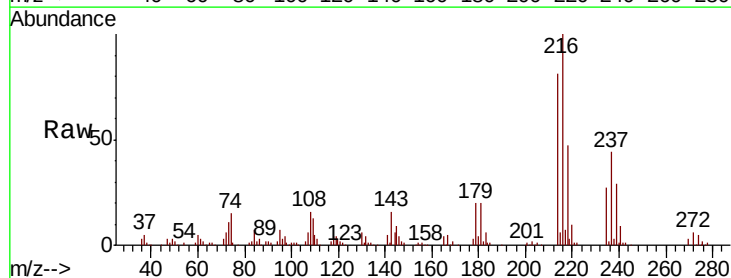
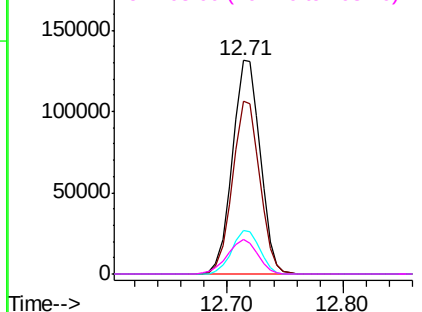
Abundance

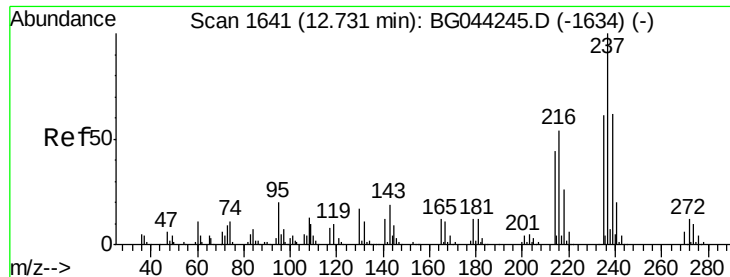
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





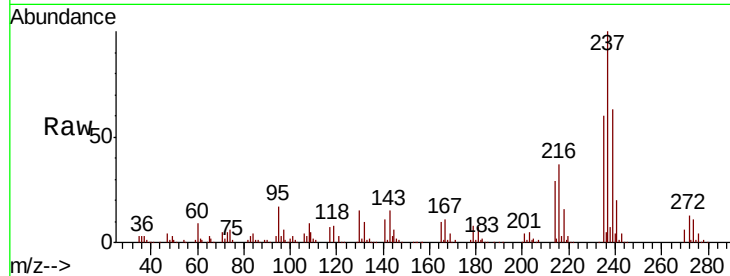
#41
Hexachlorocyclopentadiene
Concen: 90.518 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.02 min
Lab File: BG044532.D
Acq: 20 Feb 2020 22:32

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-C2-C3-C2A-C3AMS

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	59.7	41.2	81.2
272	12.6	0.0	32.4

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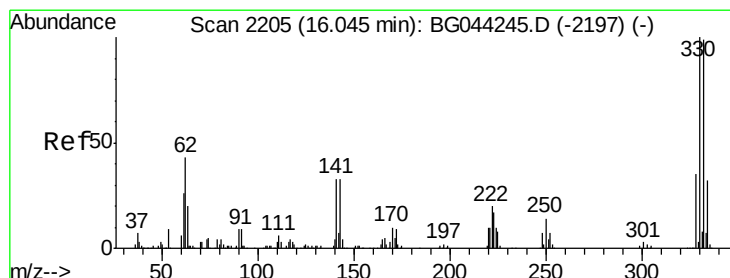
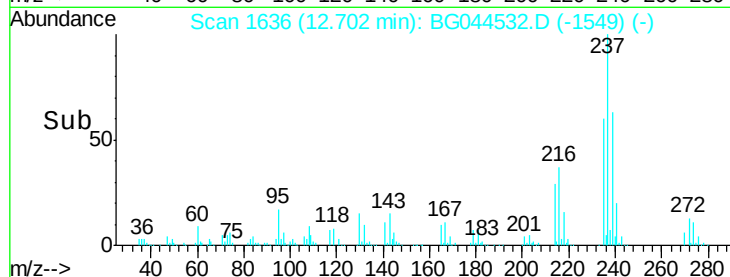
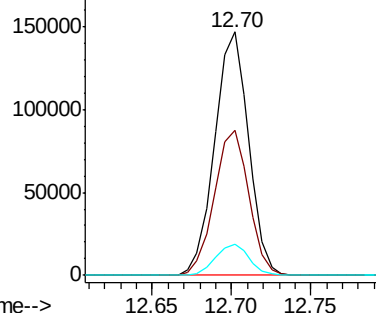


Abundance

Ion 236.80 (236.50 to 237.50): E

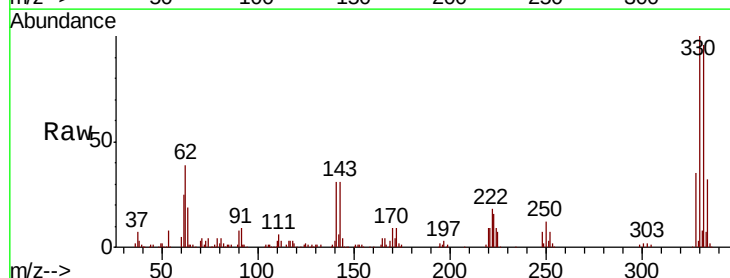
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 89.032 ng
RT: 16.02 min Scan# 2200
Delta R.T. -0.02 min
Lab File: BG044532.D
Acq: 20 Feb 2020 22:32

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	94.9	77.2	115.8
141	33.5	28.3	42.5

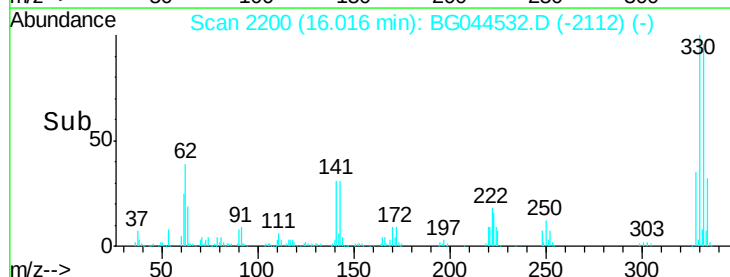
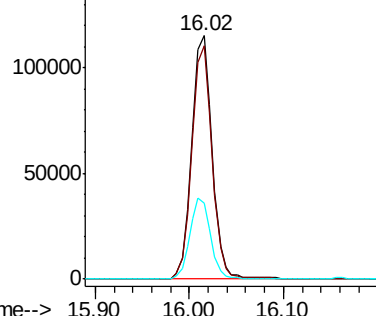


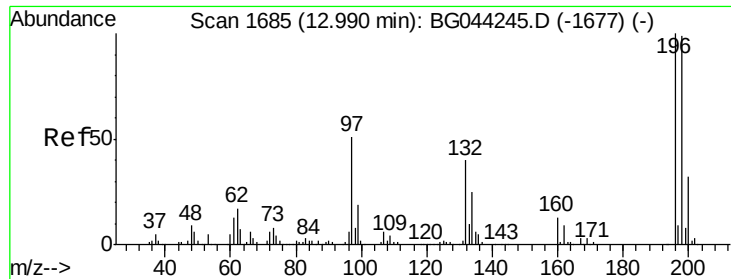
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





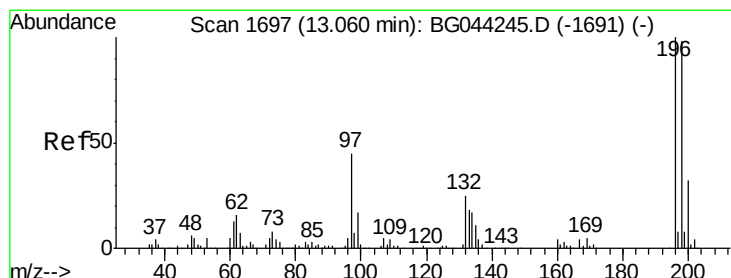
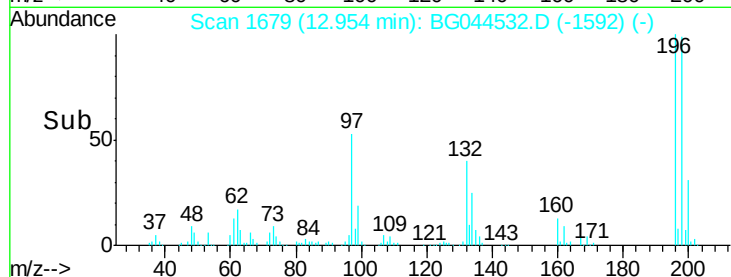
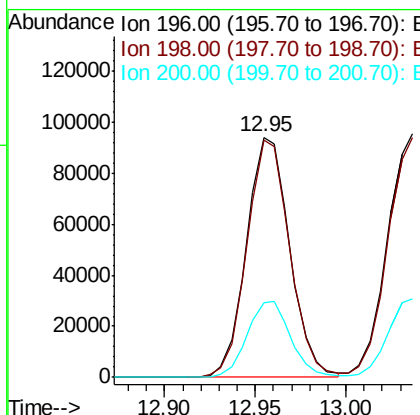
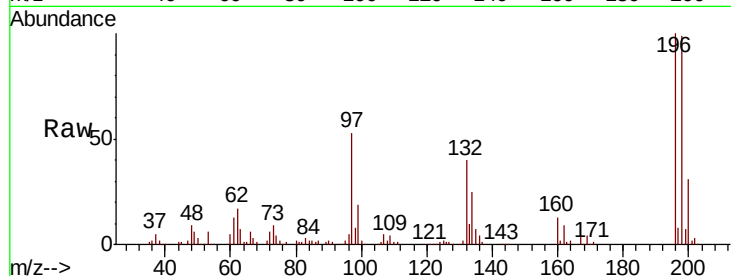
#43
 2,4,6-Trichlorophenol
 Concen: 48.454 ng
 RT: 12.95 min Scan# 1679
 Delta R.T. -0.02 min
 Lab File: BG044532.D
 Acq: 20 Feb 2020 22:32

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-C2-C3-C2A-C3AMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	157044		
198	98.7	79.3	118.9	
200	31.3	25.7	38.5	

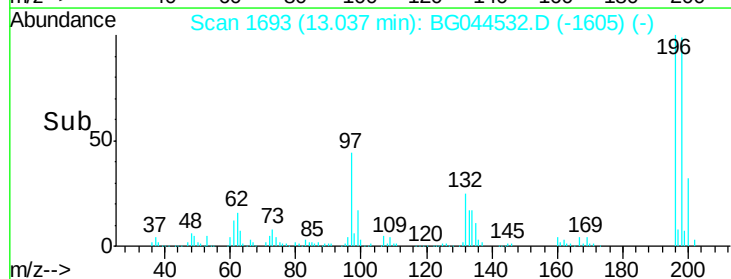
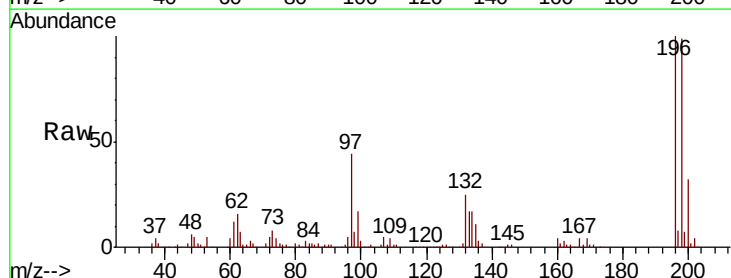
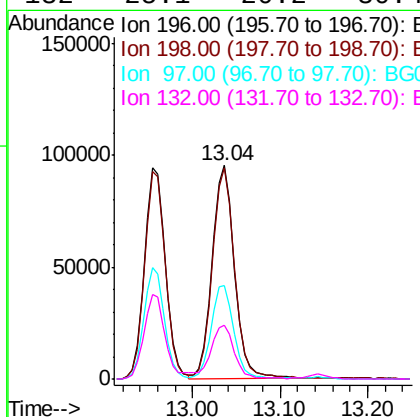
Manual Integrations
 APPROVED

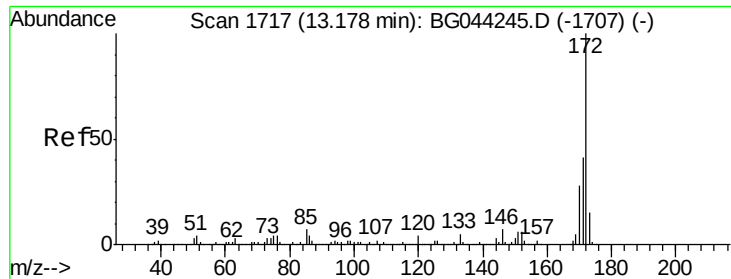
mohammad
 2/21/2020 2:17:53 PM



#44
 2,4,5-Trichlorophenol
 Concen: 51.324 ng
 RT: 13.04 min Scan# 1693
 Delta R.T. -0.02 min
 Lab File: BG044532.D
 Acq: 20 Feb 2020 22:32

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	169906		
198	98.7	78.2	117.2	
97	43.8	36.2	54.4	
132	25.1	20.2	30.4	





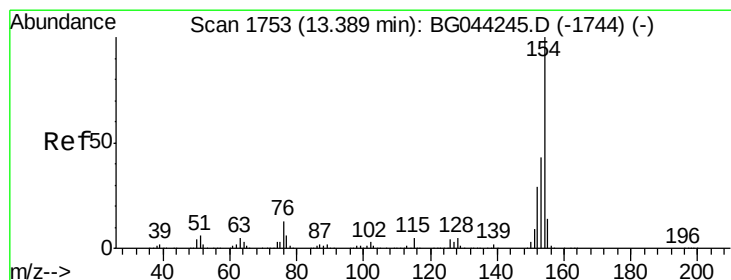
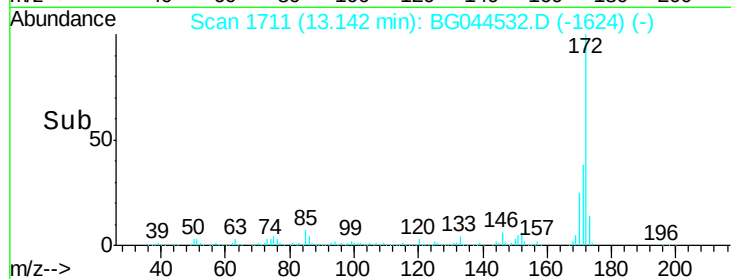
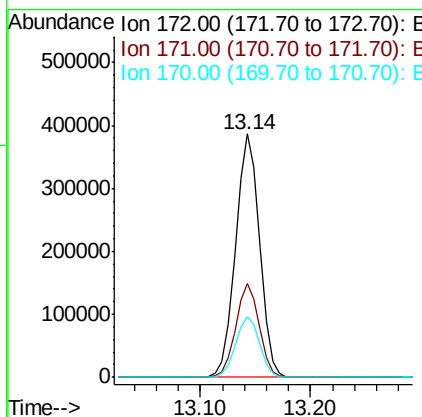
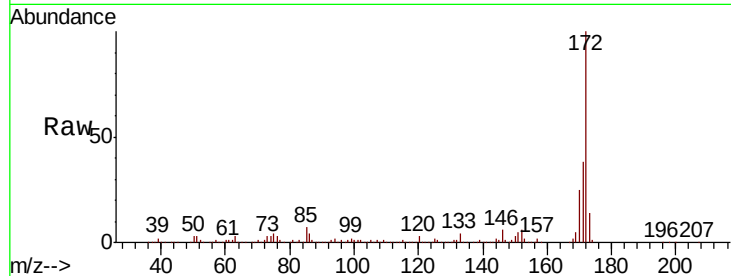
#45
2-Fluorobiphenyl
Concen: 58.791 ng
RT: 13.14 min Scan# 1711
Delta R.T. -0.02 min
Lab File: BG044532.D
Acq: 20 Feb 2020 22:32

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-C2-C3-C2A-C3AMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.3	32.9	49.3
170	25.0	22.0	33.0

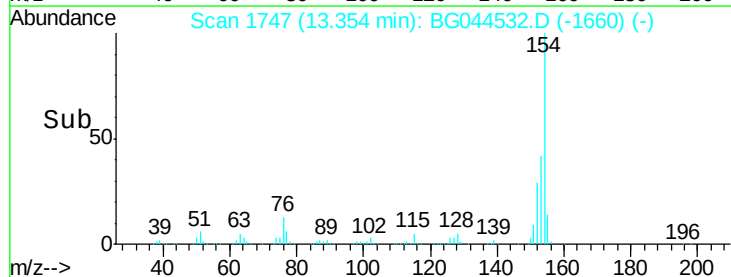
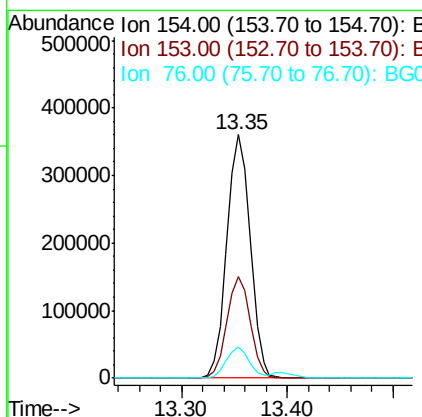
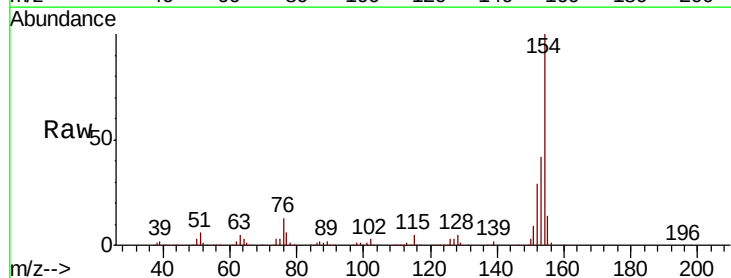
Manual Integrations
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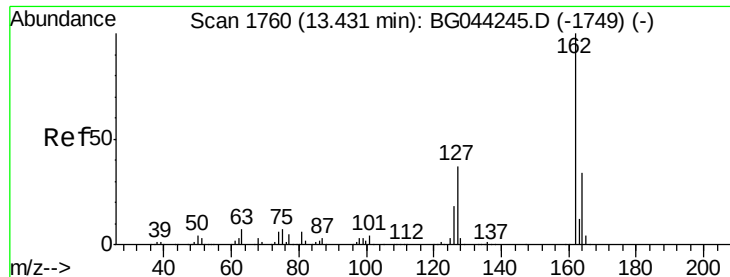
mohammad
2/21/2020 2:17:53 PM



#46
1,1'-Biphenyl
Concen: 45.532 ng
RT: 13.35 min Scan# 1747
Delta R.T. -0.02 min
Lab File: BG044532.D
Acq: 20 Feb 2020 22:32

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.8	22.7	62.7
76	12.6	0.0	32.9





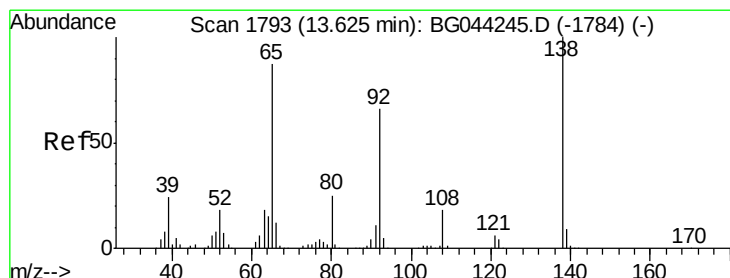
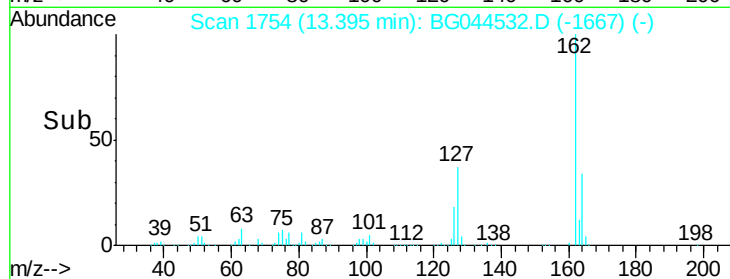
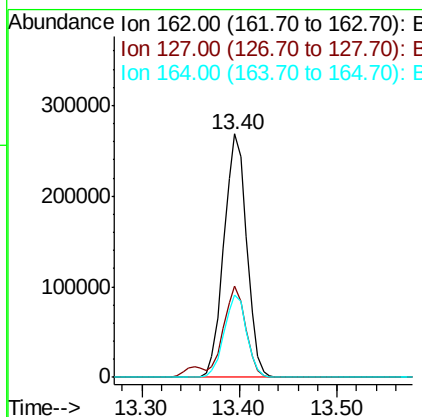
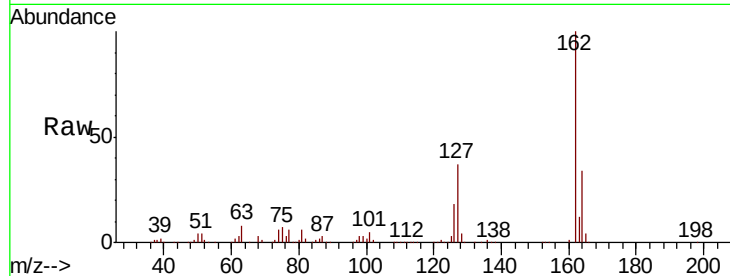
#47
 2-Chloronaphthalene
 Concen: 44.979 ng
 RT: 13.40 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG044532.D
 Acq: 20 Feb 2020 22:32

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-C2-C3-C2A-C3AMS

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.4	30.0	45.0
164	33.8	27.2	40.8

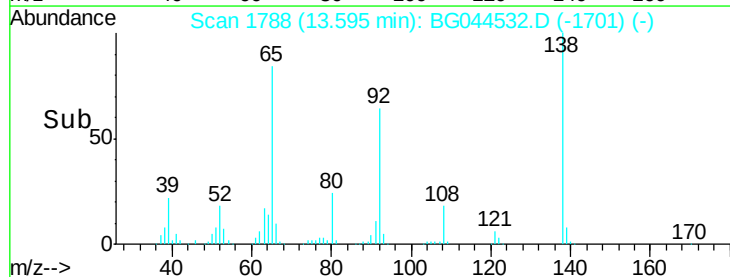
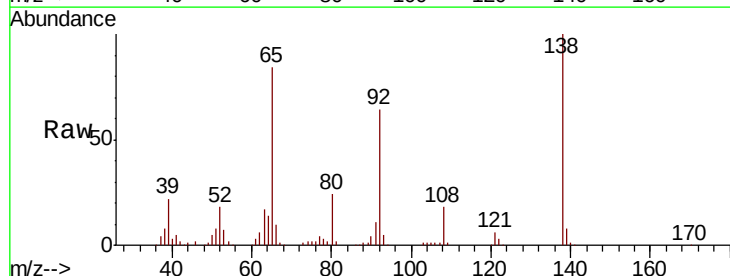
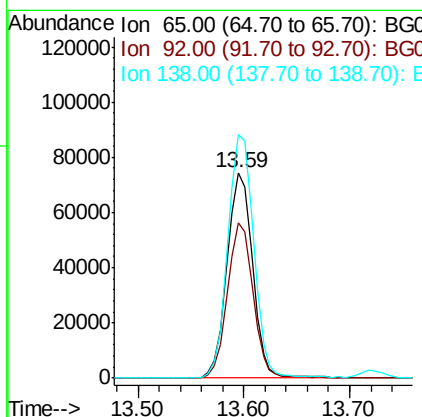
Manual Integrations
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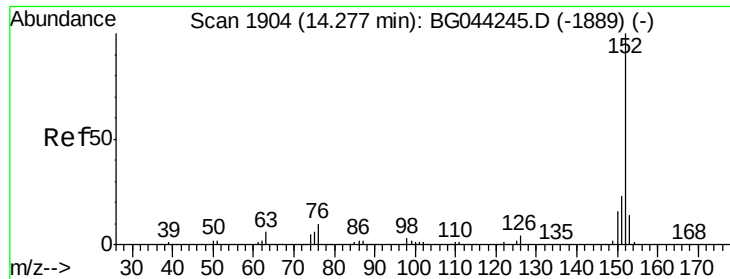
mohammad
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#48
 2-Nitroaniline
 Concen: 44.052 ng
 RT: 13.59 min Scan# 1788
 Delta R.T. -0.02 min
 Lab File: BG044532.D
 Acq: 20 Feb 2020 22:32

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.4	60.3	90.5
138	118.5	91.9	137.9





#49

Acenaphthylene

Concen: 48.653 ng

RT: 14.24 min Scan# 1898

Delta R.T. -0.02 min

Lab File: BG044532.D

Acq: 20 Feb 2020 22:32

Instrument :

BNA_G

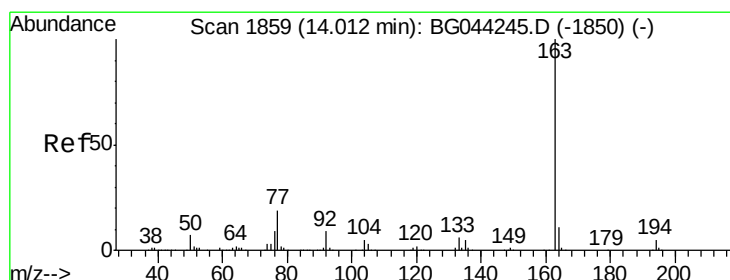
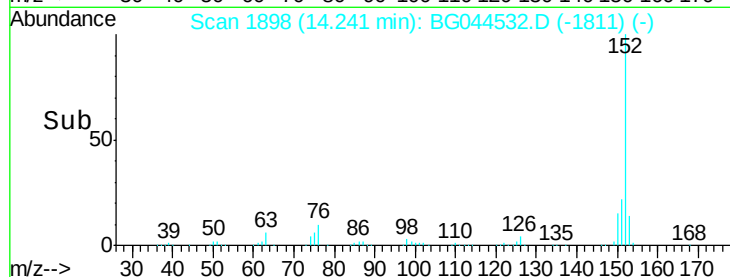
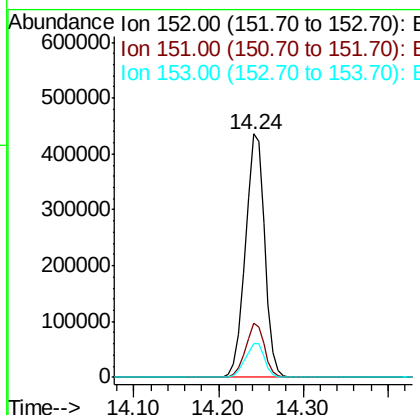
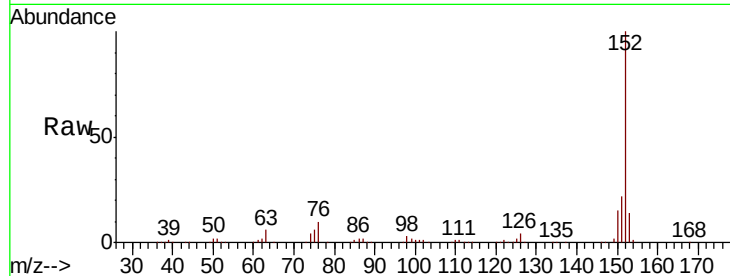
ClientSampleId :

FK-BPM-01-C2-C3-C2A-C3AMS

Tot Ion	Ratio	Lower	Upper
152	100		
151	22.3	18.1	27.1
153	14.0	11.5	17.3

Manual Integrations
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#50

Dimethylphthalate

Concen: 48.510 ng

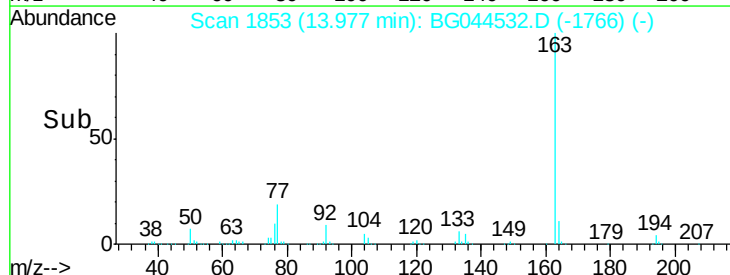
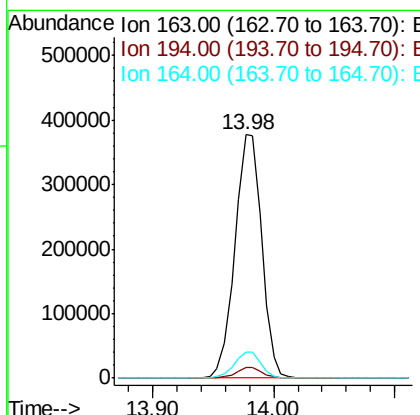
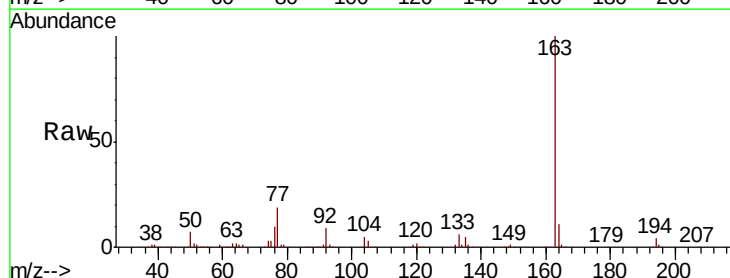
RT: 13.98 min Scan# 1853

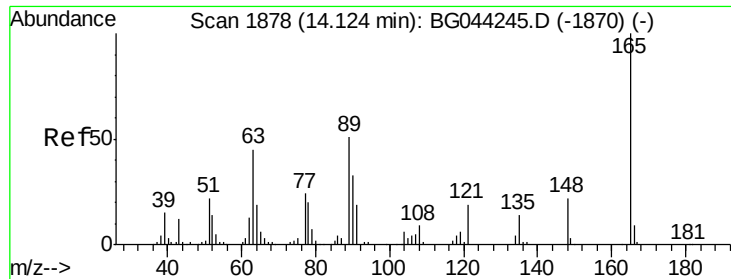
Delta R.T. -0.02 min

Lab File: BG044532.D

Acq: 20 Feb 2020 22:32

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.6	5.4
164	10.9	8.7	13.1





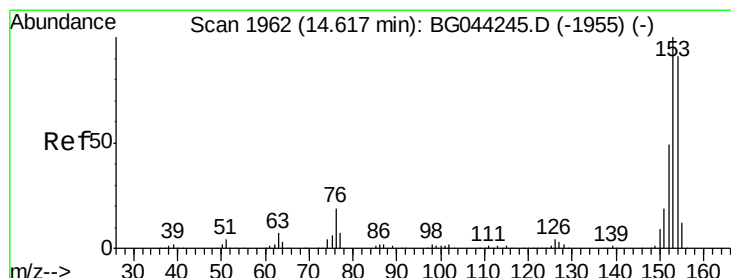
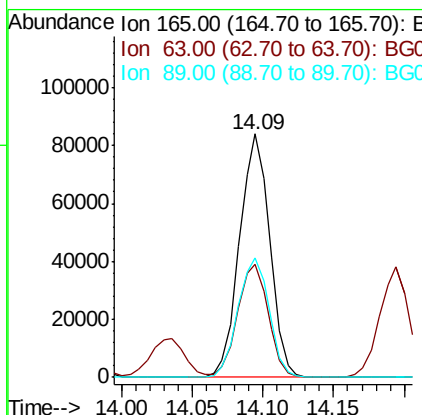
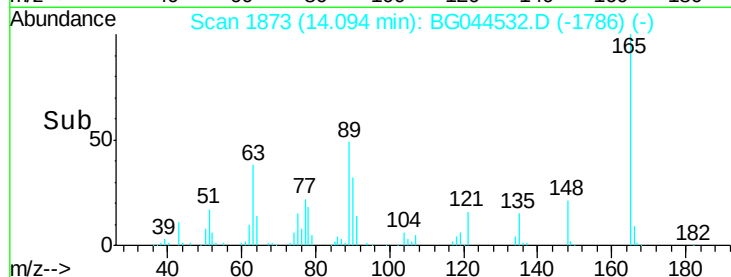
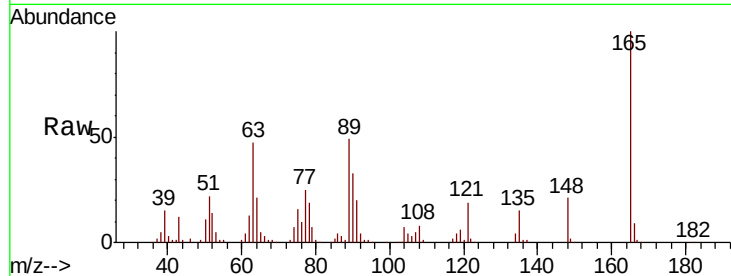
#51
 2,6-Dinitrotoluene
 Concen: 46.786 ng
 RT: 14.09 min Scan# 1873
 Delta R.T. -0.02 min
 Lab File: BG044532.D
 Acq: 20 Feb 2020 22:32

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-C2-C3-C2A-C3AMS

Tot Ion	Ratio	Lower	Upper
165	100		
63	46.6	38.7	58.1
89	49.2	40.4	60.6

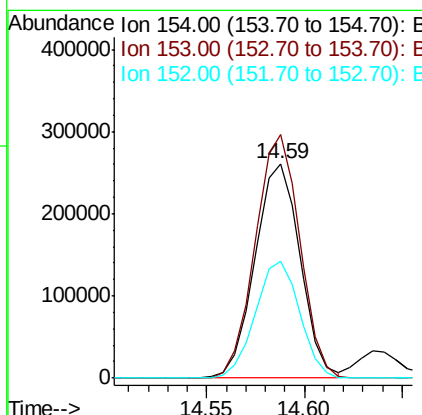
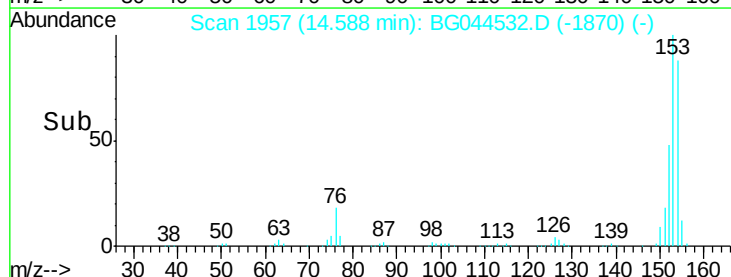
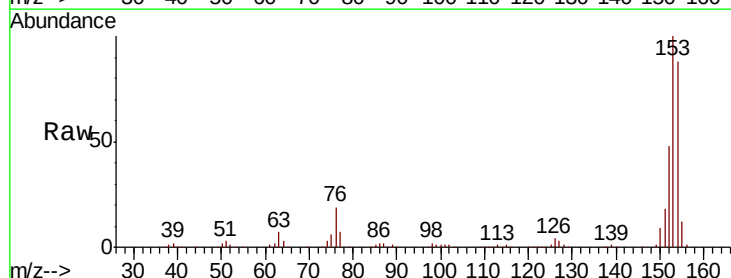
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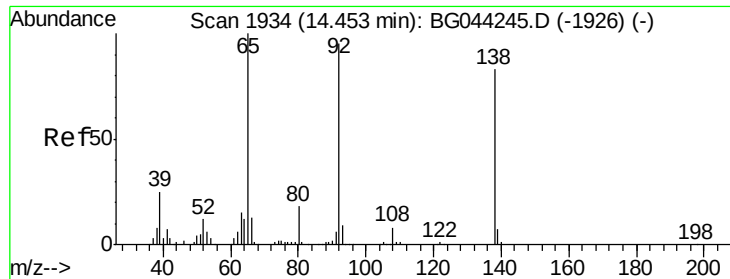
mohammad
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#52
 Acenaphthene
 Concen: 45.602 ng
 RT: 14.59 min Scan# 1957
 Delta R.T. -0.02 min
 Lab File: BG044532.D
 Acq: 20 Feb 2020 22:32

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.5	87.9	131.9
152	54.2	43.1	64.7





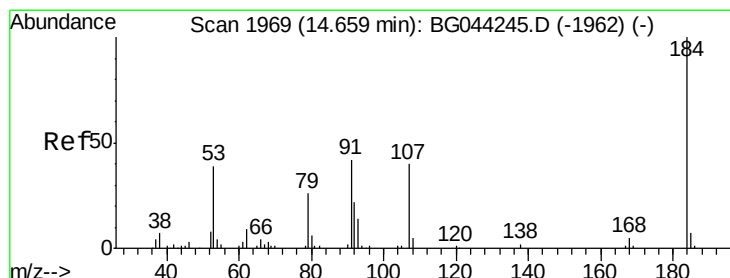
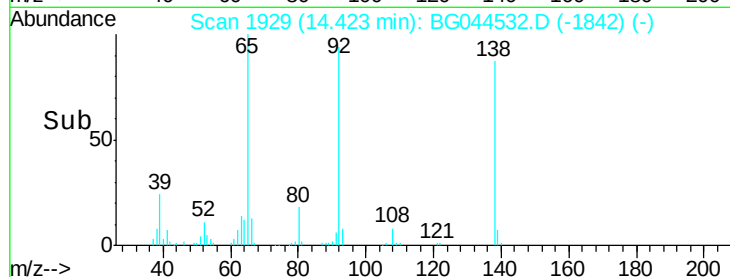
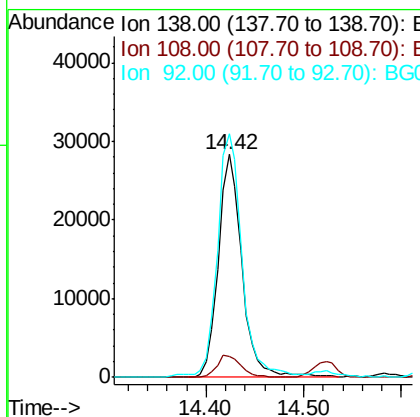
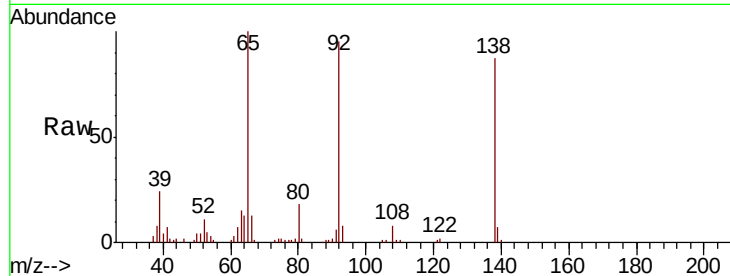
#53
 3-Nitroaniline
 Concen: 16.035 ng
 RT: 14.42 min Scan# 1929
 Delta R.T. -0.02 min
 Lab File: BG044532.D
 Acq: 20 Feb 2020 22:32

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-C2-C3-C2A-C3AMS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.1	7.9	11.9
92	109.2	91.0	136.4

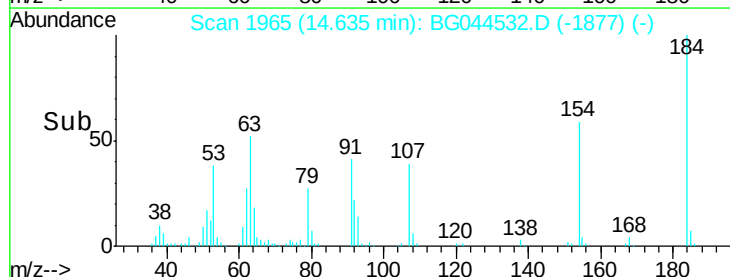
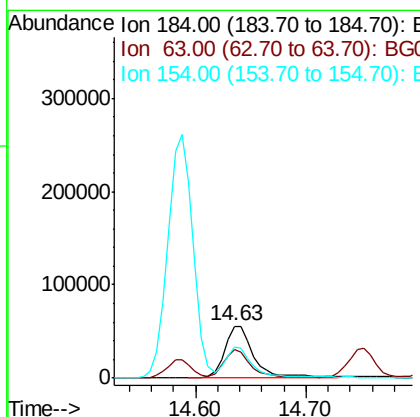
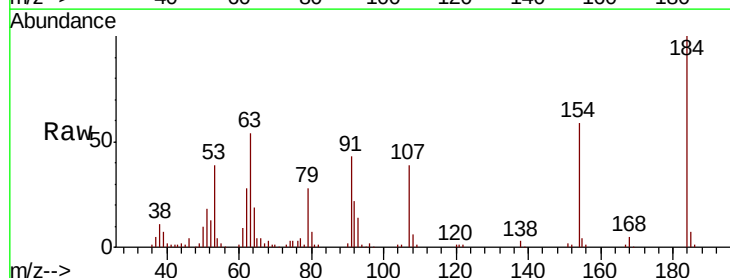
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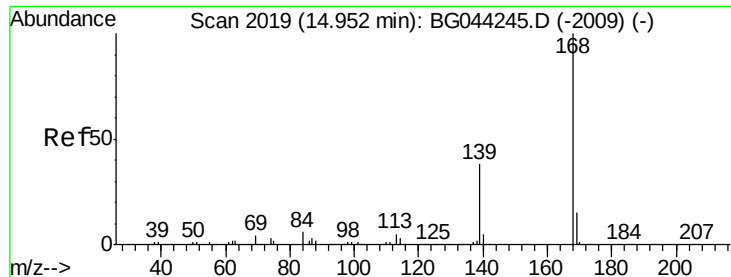
mohammad
 2/21/2020 2:17:53 PM



#54
 2,4-Dinitrophenol
 Concen: 67.409 ng
 RT: 14.63 min Scan# 1965
 Delta R.T. -0.02 min
 Lab File: BG044532.D
 Acq: 20 Feb 2020 22:32

Tgt Ion	Ratio	Lower	Upper
184	100		
63	54.2	44.1	66.1
154	58.5	45.4	68.0





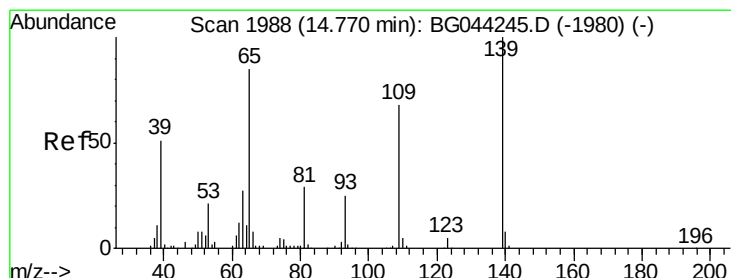
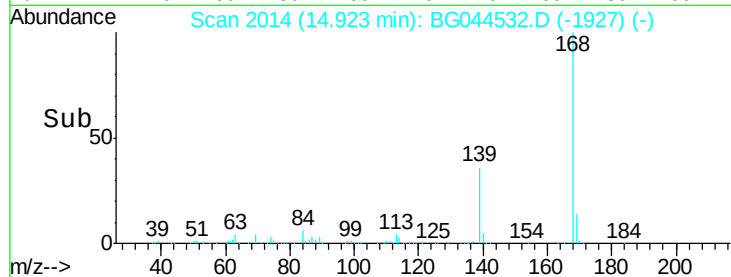
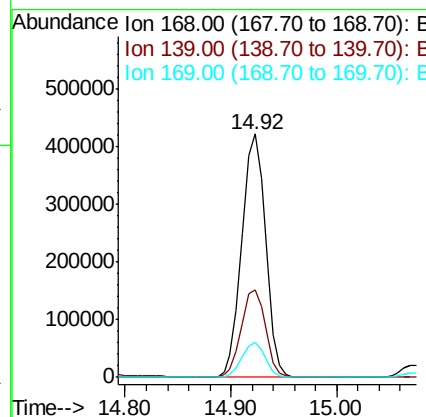
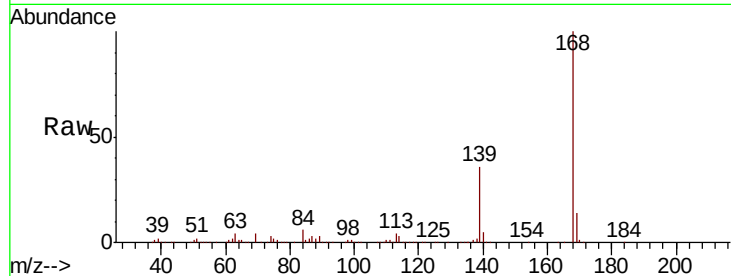
#55
Dibenzenofuran
Concen: 47.425 ng
RT: 14.92 min Scan# 2014
Delta R.T. -0.02 min
Lab File: BG044532.D
Acq: 20 Feb 2020 22:32

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-C2-C3-C2A-C3AMS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.2	30.5	45.7
169	14.2	11.7	17.5

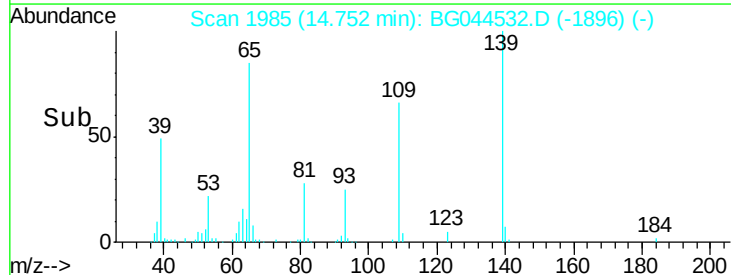
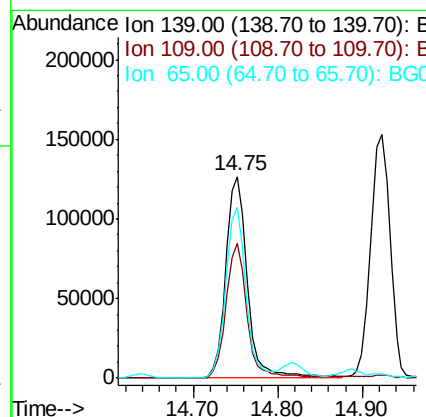
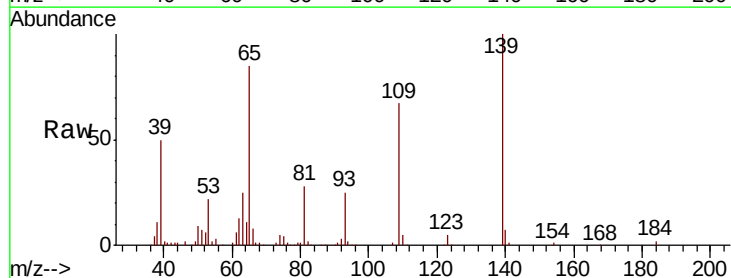
Manual Integrations
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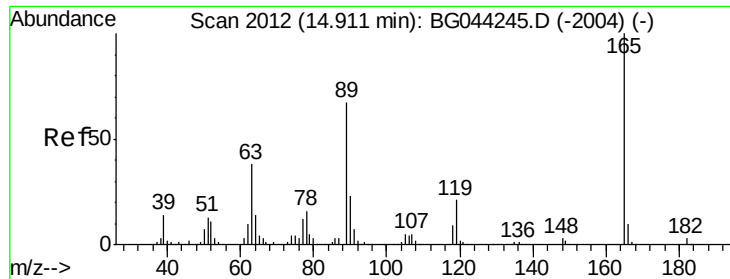
mohammad
2/21/2020 2:17:53 PM



#56
4-Nitrophenol
Concen: 103.630 ng
RT: 14.75 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BG044532.D
Acq: 20 Feb 2020 22:32

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.8	47.5	87.5
65	84.7	64.9	104.9





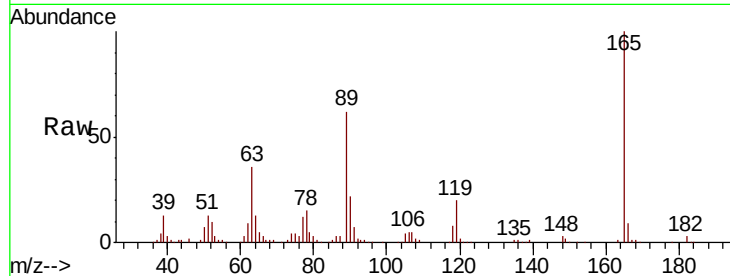
#57
2,4-Dinitrotoluene
Concen: 46.444 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BG044532.D
Acq: 20 Feb 2020 22:32

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-C2-C3-C2A-C3AMS

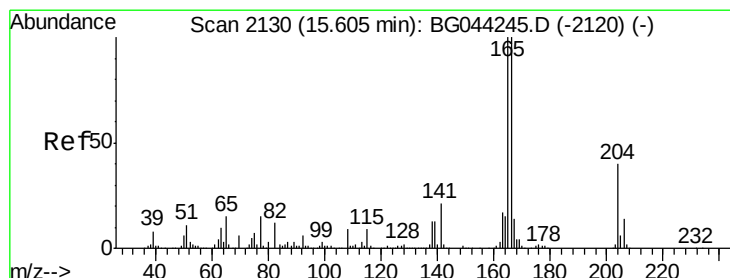
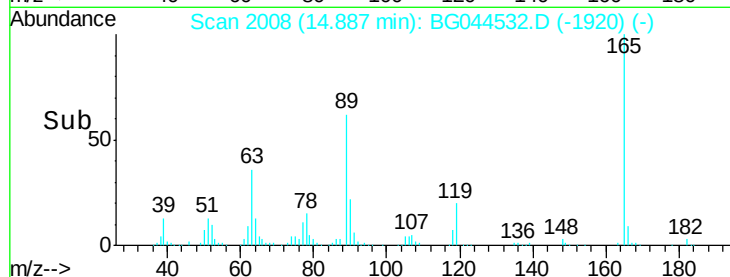
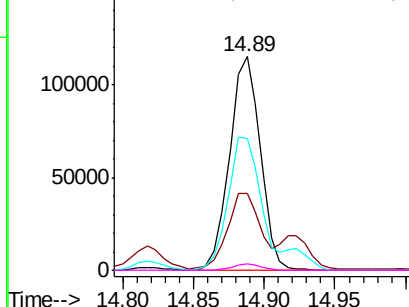
Tot Ion	Ratio	Resp	Lower	Upper
165	100	174885		
63	36.0	30.3	45.5	
89	62.0	53.4	80.2	
182	2.9	2.1	3.1	

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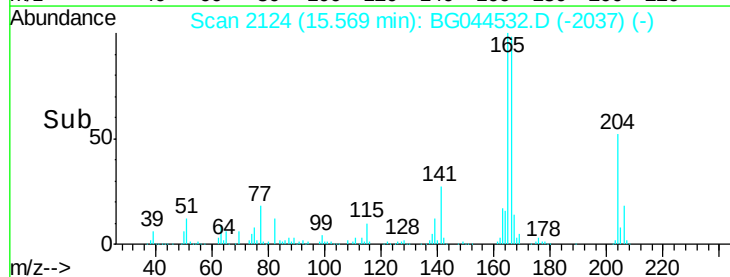
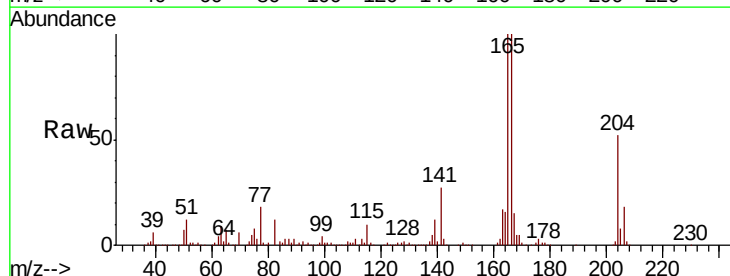
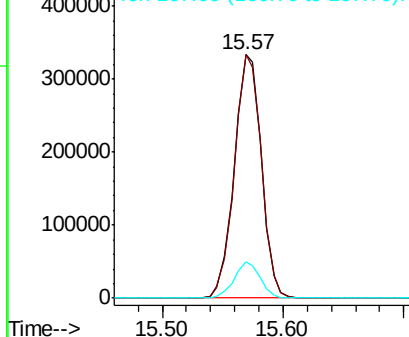
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGO
Ion 89.00 (88.70 to 89.70): BGO
Ion 182.00 (181.70 to 182.70): E

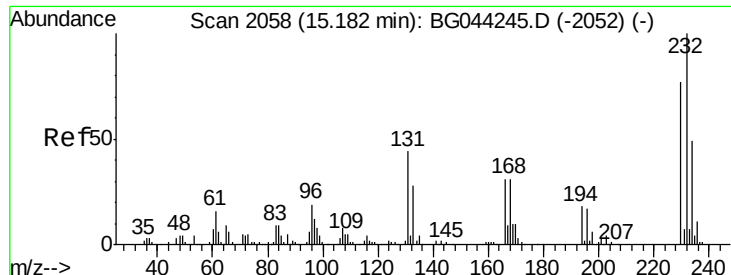


#58
Fluorene
Concen: 47.695 ng
RT: 15.57 min Scan# 2124
Delta R.T. -0.02 min
Lab File: BG044532.D
Acq: 20 Feb 2020 22:32

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	520257		
165	99.9	79.9	119.9	
167	14.8	11.4	17.0	

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





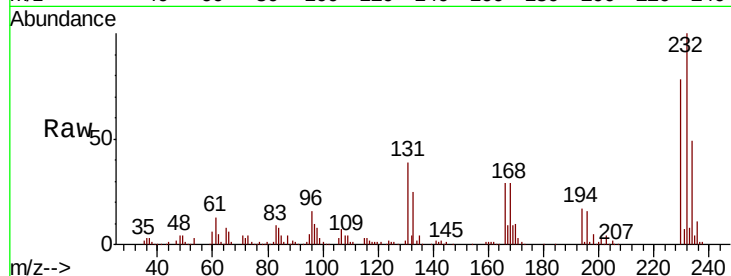
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 51.291 ng
 RT: 15.16 min Scan# 2054
 Delta R.T. -0.02 min
 Lab File: BG044532.D
 Acq: 20 Feb 2020 22:32

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-C2-C3-C2A-C3AMS

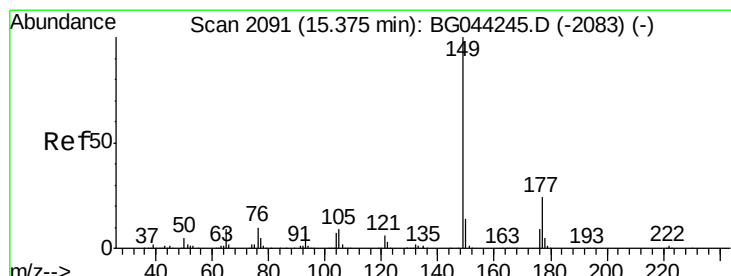
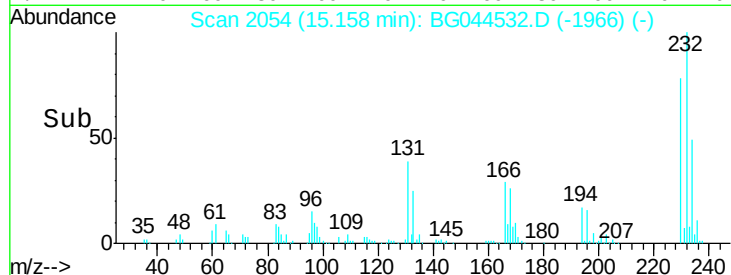
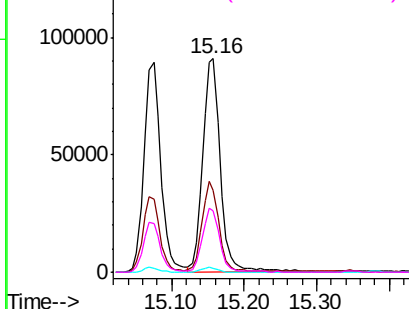
Tot Ion	Ratio	Resp	Lower	Upper
232	100	153371		
131	40.8		34.2	51.4
130	2.1		1.8	2.8
166	29.1		23.8	35.8

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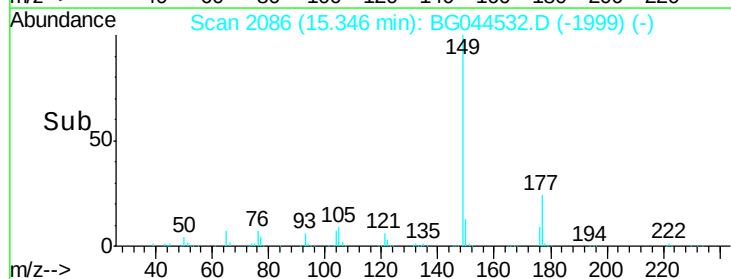
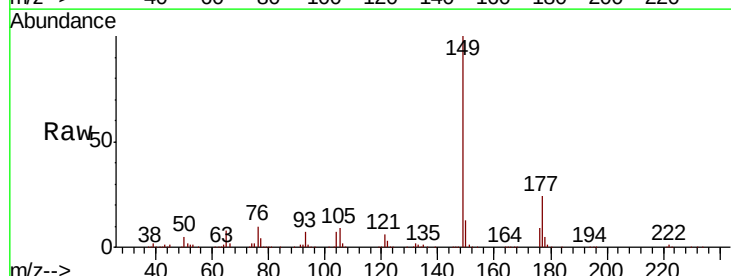
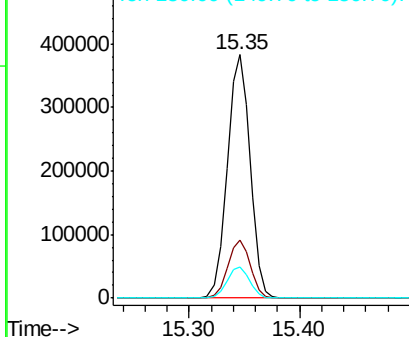
Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

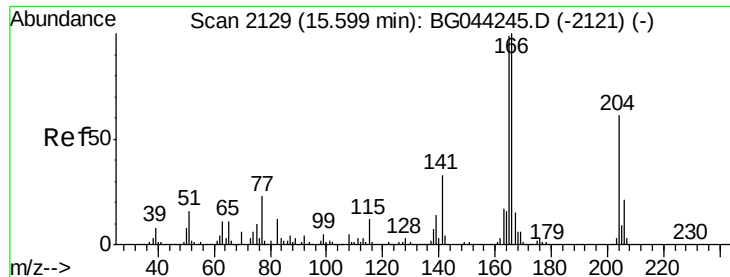


#60
 Diethylphthalate
 Concen: 45.906 ng
 RT: 15.35 min Scan# 2086
 Delta R.T. -0.02 min
 Lab File: BG044532.D
 Acq: 20 Feb 2020 22:32

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	551167		
177	24.0		19.4	29.0
150	12.7		10.9	16.3

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





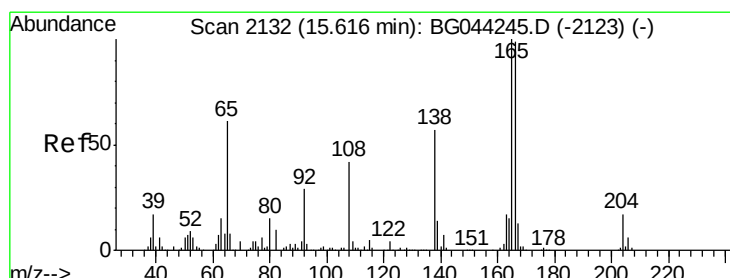
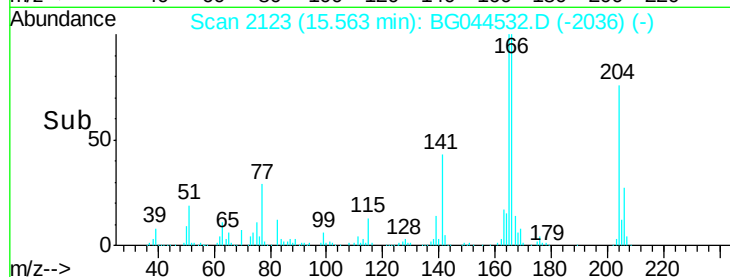
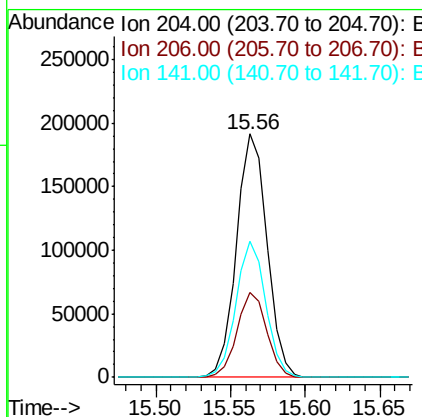
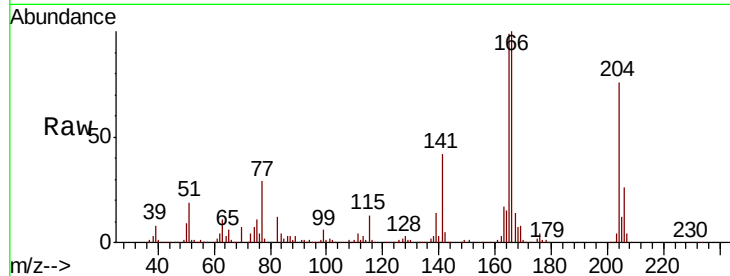
#61
4-Chlorophenyl-phenylether
Concen: 46.018 ng
RT: 15.56 min Scan# 2123
Delta R.T. -0.02 min
Lab File: BG044532.D
Acq: 20 Feb 2020 22:32

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-C2-C3-C2A-C3AMS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.9	27.6	41.4
141	55.9	43.4	65.0

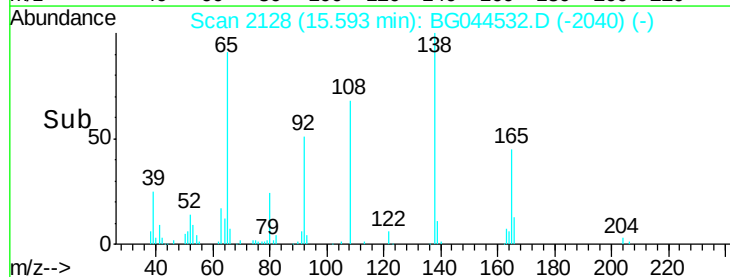
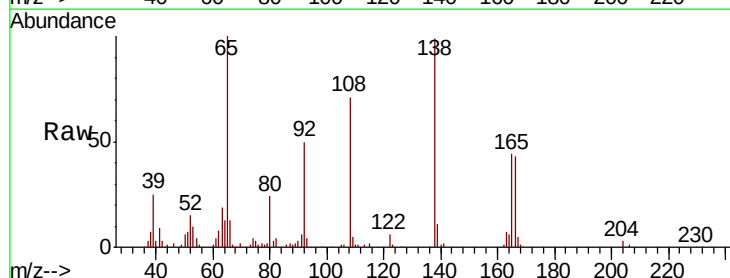
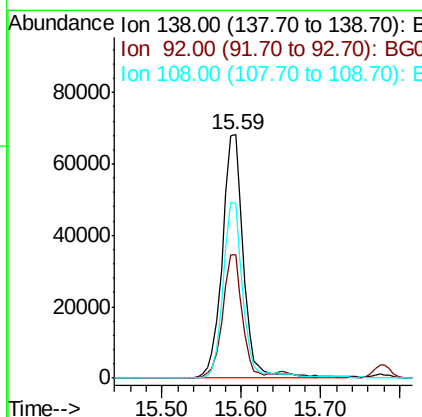
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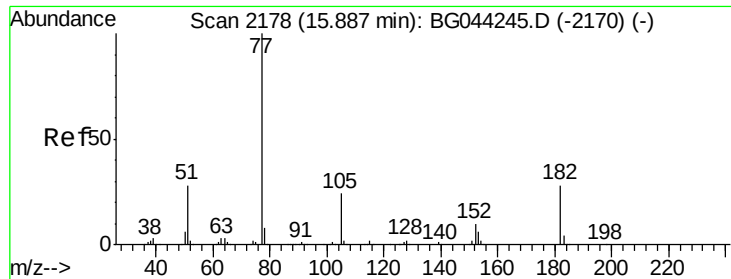
mohammad
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#62
4-Nitroaniline
Concen: 42.602 ng
RT: 15.59 min Scan# 2128
Delta R.T. -0.02 min
Lab File: BG044532.D
Acq: 20 Feb 2020 22:32

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.8	31.3	71.3
108	71.9	52.6	92.6





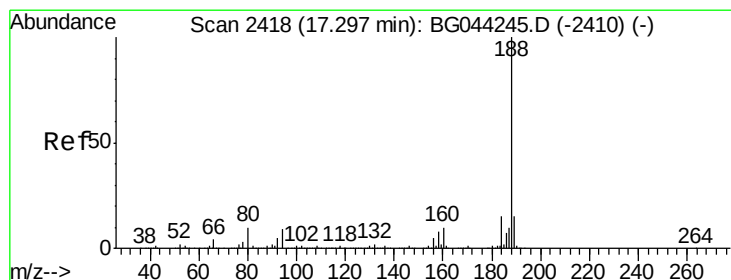
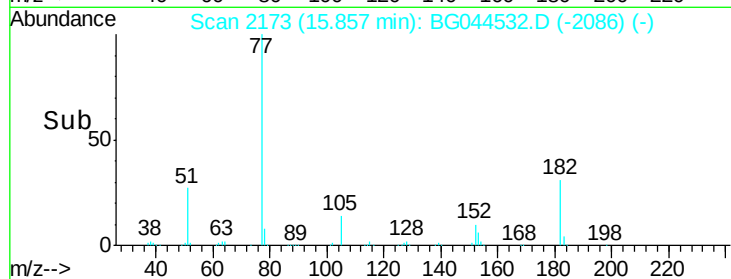
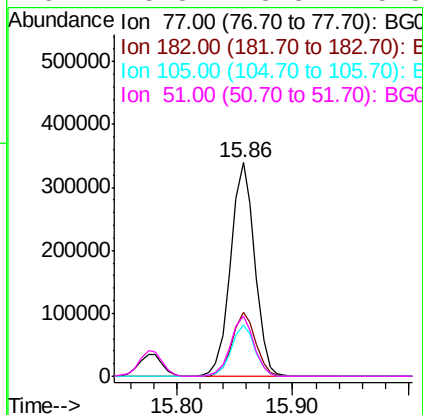
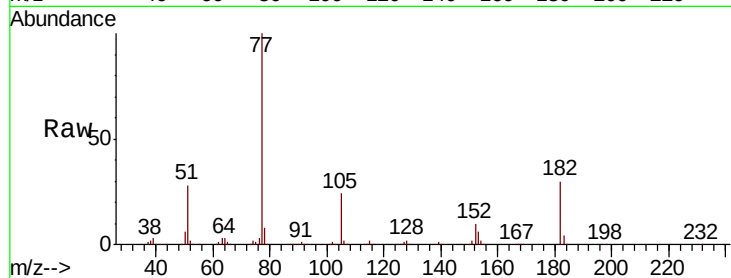
#63
Azobenzene
Concen: 46.308 ng
RT: 15.86 min Scan# 2173
Delta R.T. -0.02 min
Lab File: BG044532.D
Acq: 20 Feb 2020 22:32

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-C2-C3-C2A-C3AMS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	29.9	8.2	48.2	
105	23.8	3.6	43.6	
51	28.3	8.3	48.3	

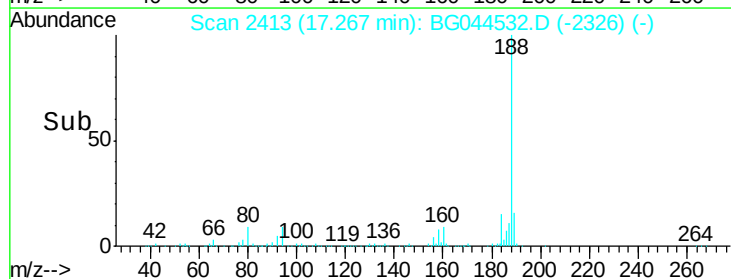
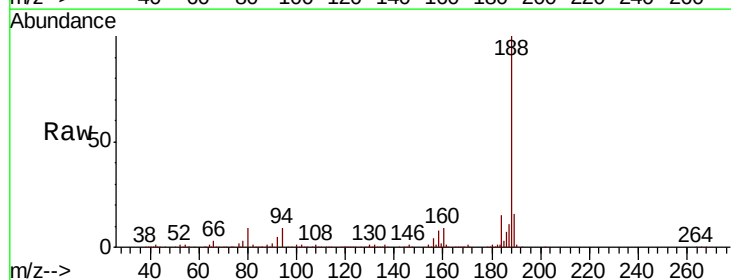
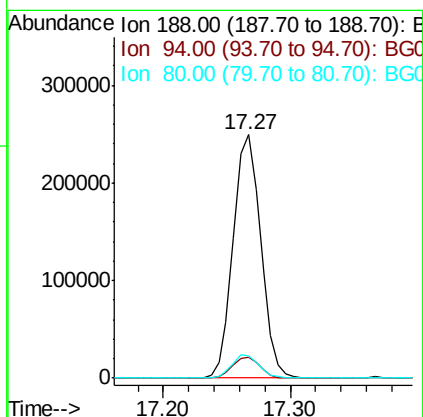
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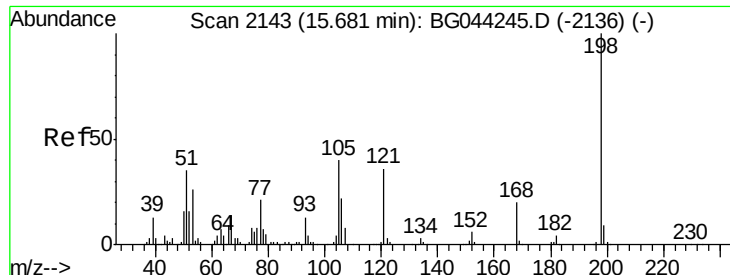
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.27 min Scan# 2413
Delta R.T. -0.02 min
Lab File: BG044532.D
Acq: 20 Feb 2020 22:32

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.7	7.4	11.2	
80	9.1	7.7	11.5	





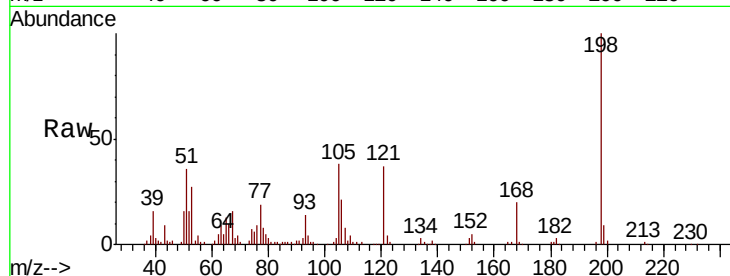
#65
4,6-Dinitro-2-methylphenol
Concen: 48.597 ng
RT: 15.66 min Scan# 2139
Delta R.T. -0.02 min
Lab File: BG044532.D
Acq: 20 Feb 2020 22:32

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-C2-C3-C2A-C3AMS

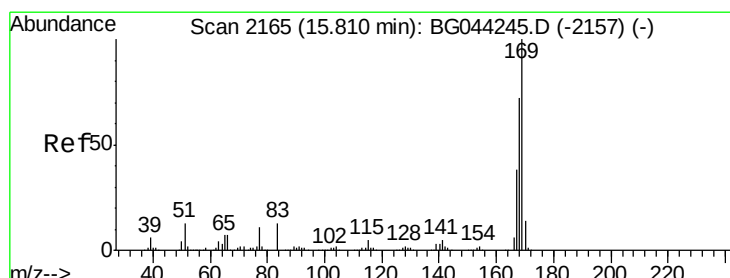
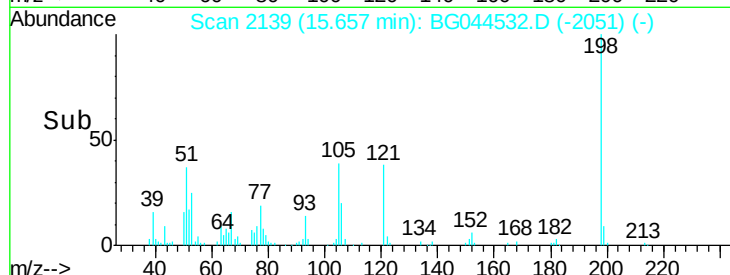
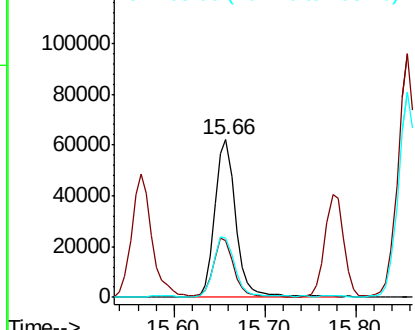
Tot Ion	Ratio	Lower	Upper
198	100		
51	36.4	16.6	56.6
105	37.9	20.6	60.6

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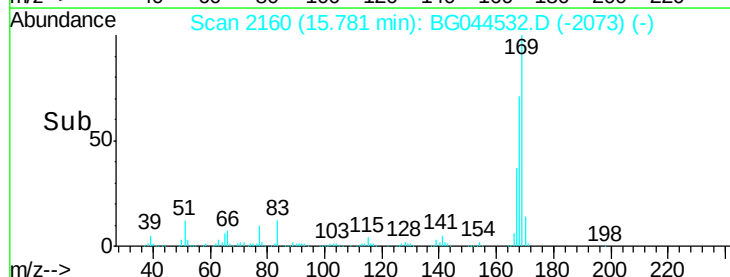
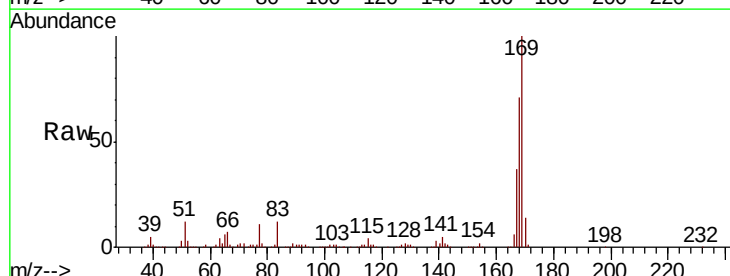
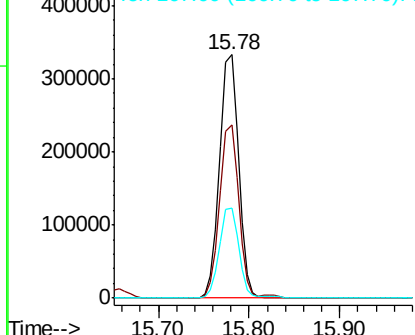
Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

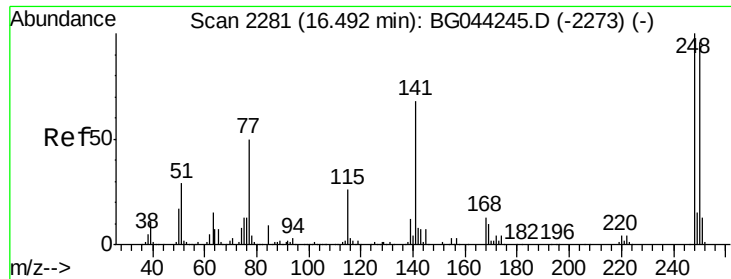


#66
n-Nitrosodiphenylamine
Concen: 46.247 ng
RT: 15.78 min Scan# 2160
Delta R.T. -0.02 min
Lab File: BG044532.D
Acq: 20 Feb 2020 22:32

Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.9	57.9	86.9
167	37.0	30.7	46.1

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





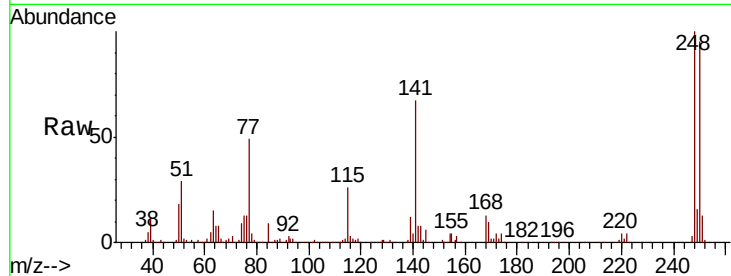
#67
 4-Bromophenyl-phenylether
 Concen: 44.643 ng
 RT: 16.46 min Scan# 2275
 Delta R.T. -0.02 min
 Lab File: BG044532.D
 Acq: 20 Feb 2020 22:32

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-C2-C3-C2A-C3AMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.3	76.6	114.8
141	67.4	54.7	82.1

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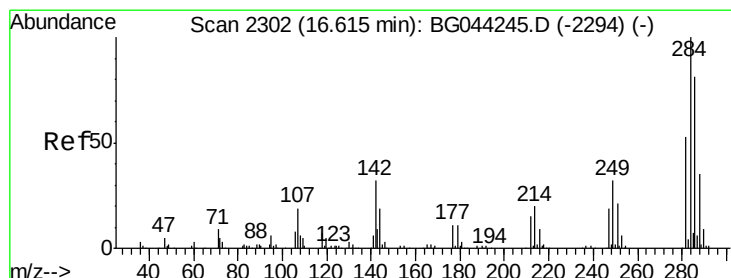
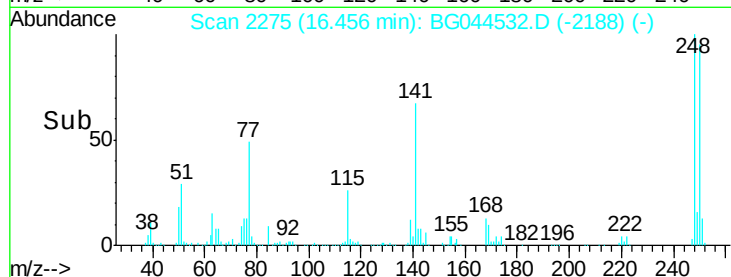
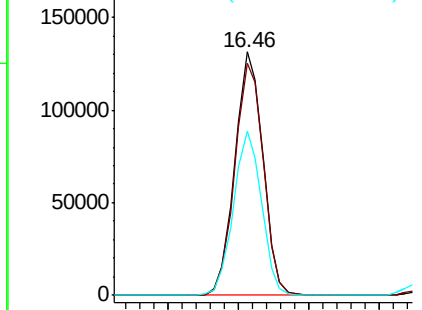


Abundance

Ion 248.00 (247.70 to 248.70): E

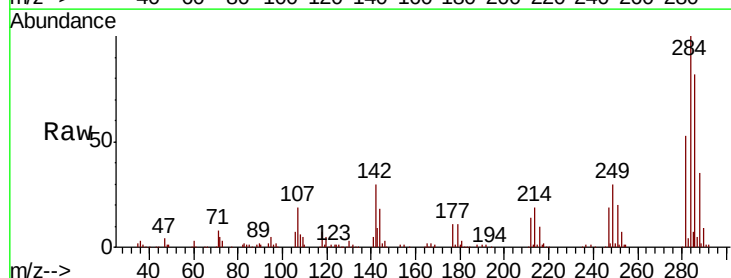
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 43.852 ng
 RT: 16.59 min Scan# 2297
 Delta R.T. -0.02 min
 Lab File: BG044532.D
 Acq: 20 Feb 2020 22:32

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.7	25.3	37.9
249	30.1	25.5	38.3

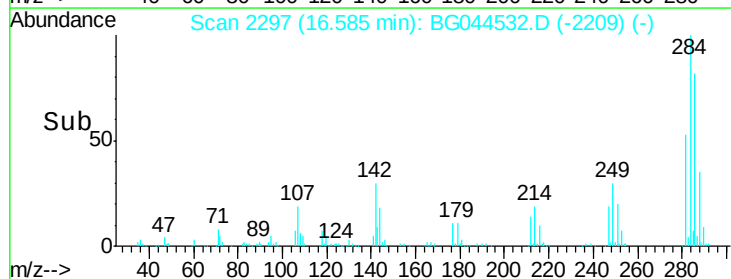
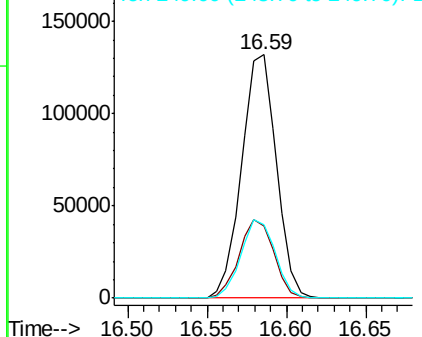


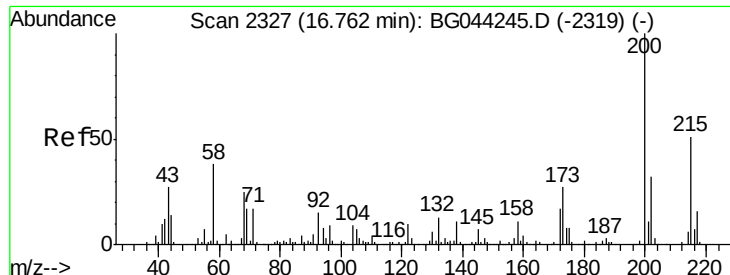
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





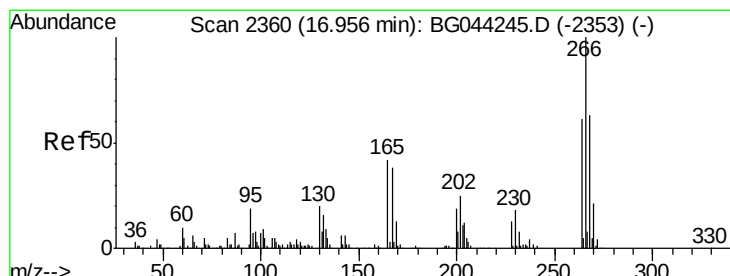
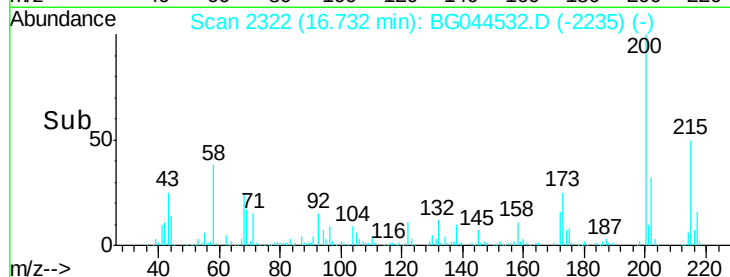
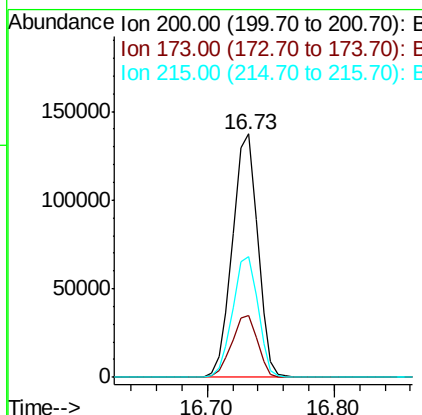
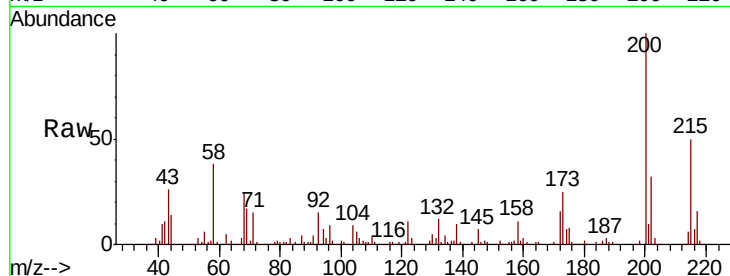
#69
 Atrazine
 Concen: 52.585 ng
 RT: 16.73 min Scan# 2322
 Delta R.T. -0.02 min
 Lab File: BG044532.D
 Acq: 20 Feb 2020 22:32

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-C2-C3-C2A-C3AMS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	189373		
173	25.2	6.6	46.6	
215	49.5	31.0	71.0	

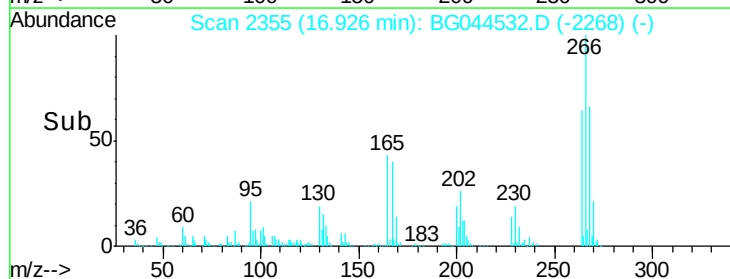
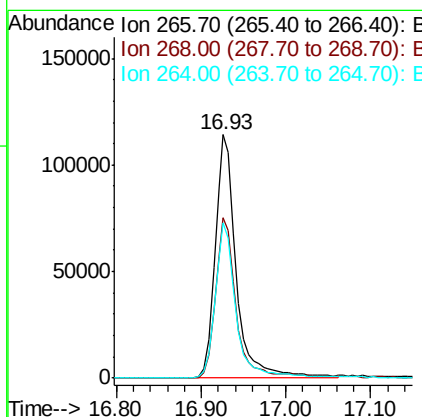
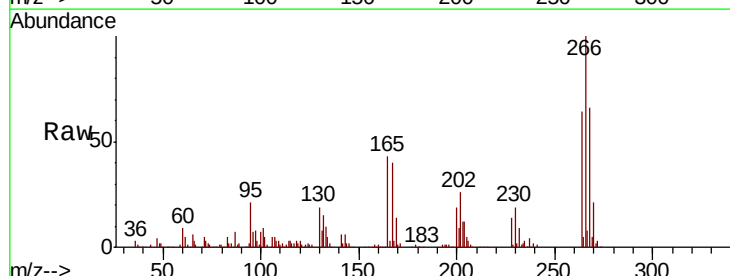
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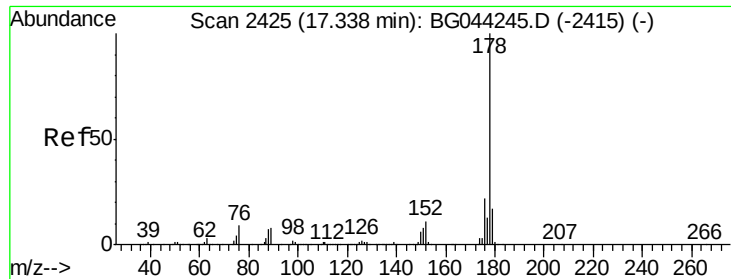
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#70
 Pentachlorophenol
 Concen: 86.480 ng
 RT: 16.93 min Scan# 2355
 Delta R.T. -0.02 min
 Lab File: BG044532.D
 Acq: 20 Feb 2020 22:32

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	200740		
268	65.7	50.6	75.8	
264	63.7	48.7	73.1	





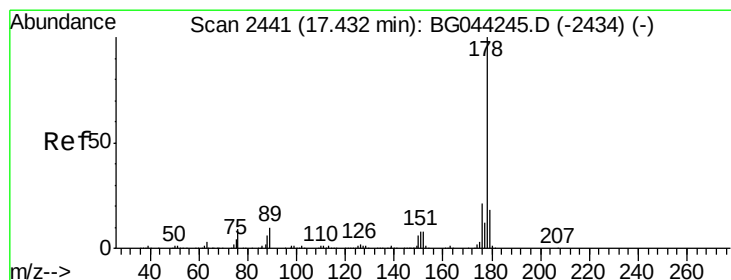
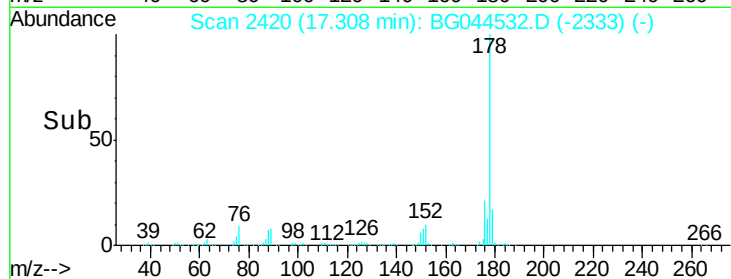
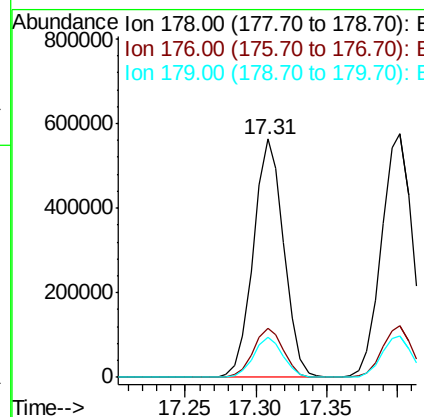
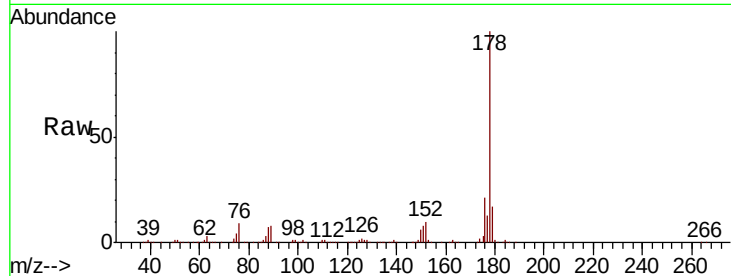
#71
 Phenanthrene
 Concen: 46.881 ng
 RT: 17.31 min Scan# 2420
 Delta R.T. -0.02 min
 Lab File: BG044532.D
 Acq: 20 Feb 2020 22:32

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-C2-C3-C2A-C3AMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.8	17.7	26.5
179	17.1	13.7	20.5

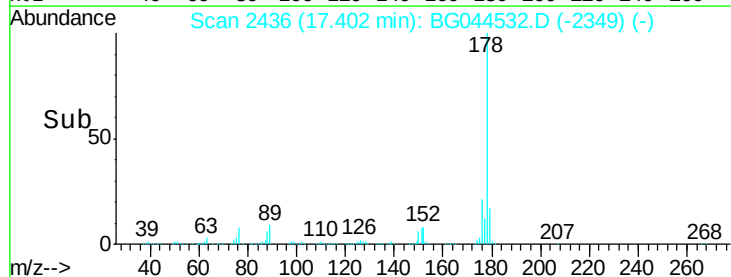
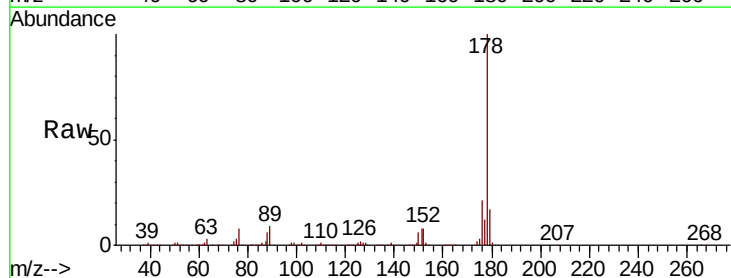
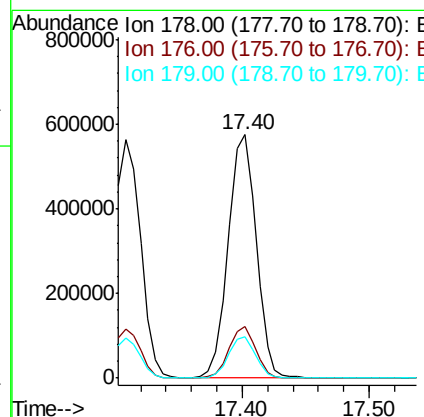
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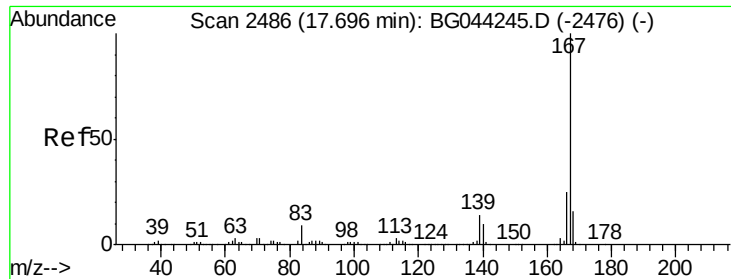
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#72
 Anthracene
 Concen: 49.028 ng
 RT: 17.40 min Scan# 2436
 Delta R.T. -0.02 min
 Lab File: BG044532.D
 Acq: 20 Feb 2020 22:32

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.3	17.0	25.4
179	17.1	14.4	21.6





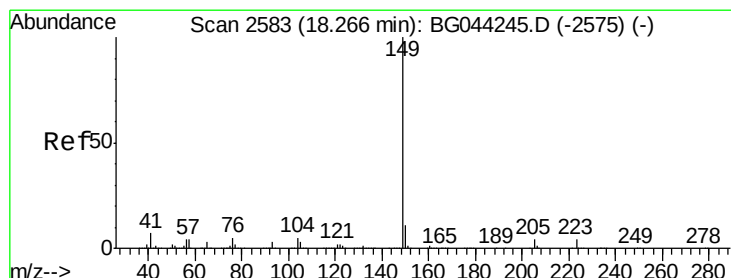
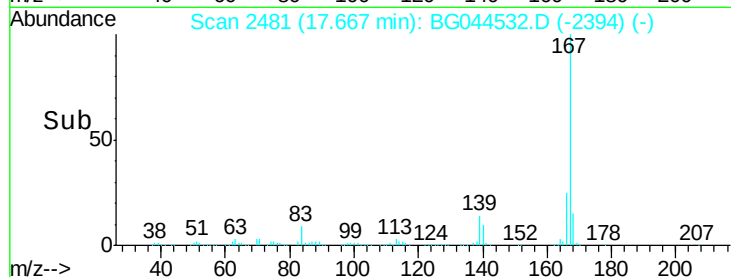
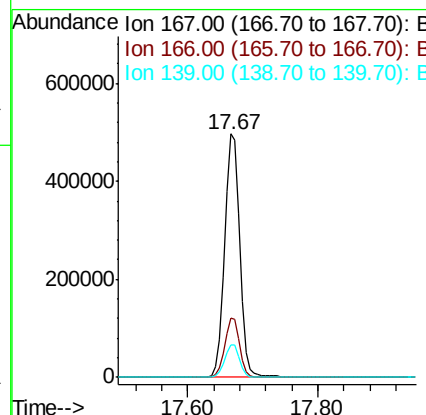
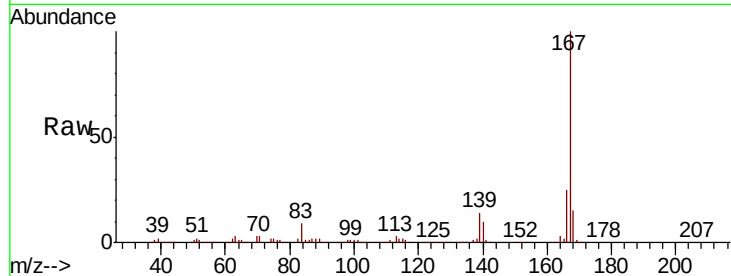
#73
 Carbazole
 Concen: 48.512 ng
 RT: 17.67 min Scan# 2481
 Delta R.T. -0.02 min
 Lab File: BG044532.D
 Acq: 20 Feb 2020 22:32

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-C2-C3-C2A-C3AMS

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.5	19.8	29.6
139	13.5	11.1	16.7

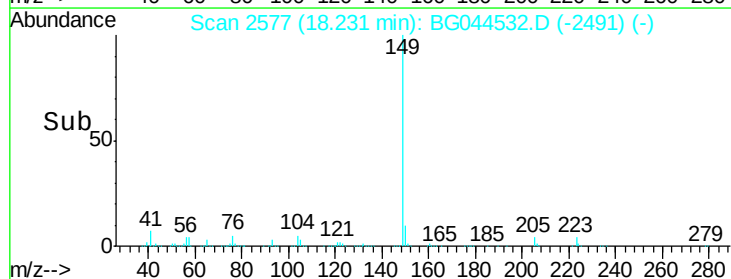
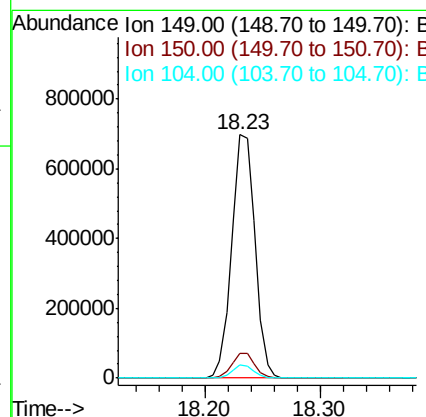
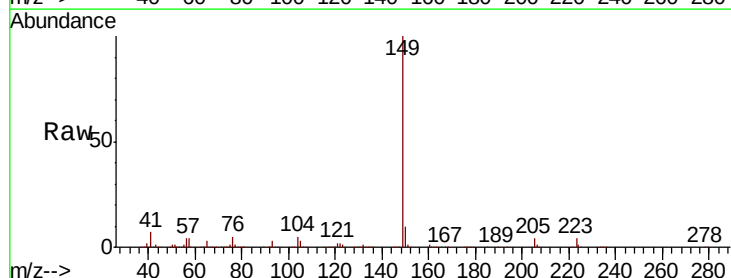
Manual Integrations
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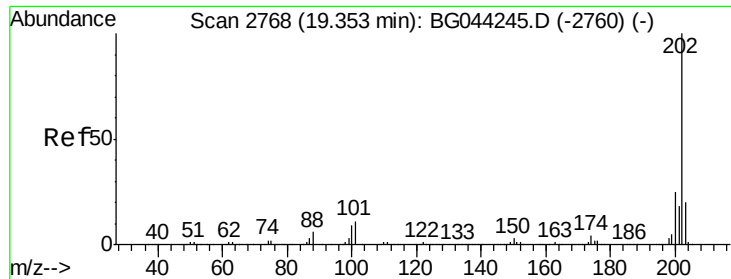
mohammad
 2/21/2020 2:17:53 PM



#74
 Di-n-butylphthalate
 Concen: 47.509 ng
 RT: 18.23 min Scan# 2577
 Delta R.T. -0.03 min
 Lab File: BG044532.D
 Acq: 20 Feb 2020 22:32

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.3	8.7	13.1
104	5.2	4.3	6.5





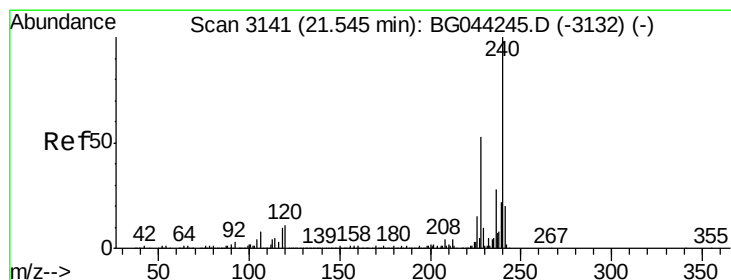
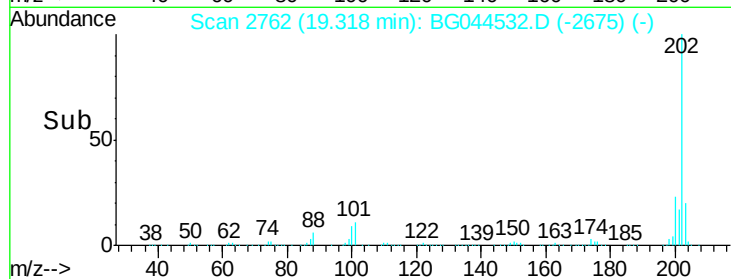
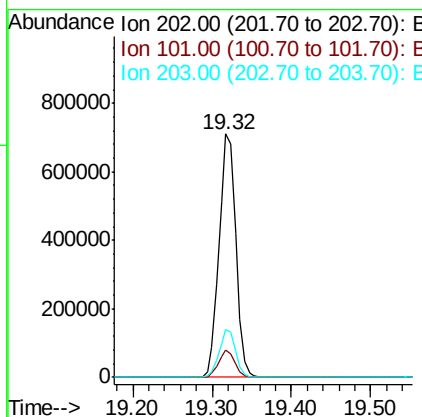
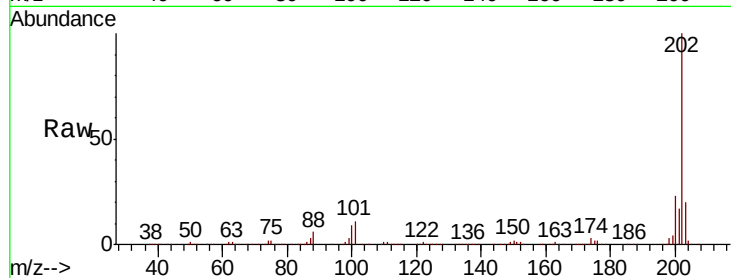
#75
 Fluoranthene
 Concen: 49.484 ng
 RT: 19.32 min Scan# 2762
 Delta R.T. -0.02 min
 Lab File: BG044532.D
 Acq: 20 Feb 2020 22:32

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-C2-C3-C2A-C3AMS

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	31.3
203	19.9	0.0	39.9

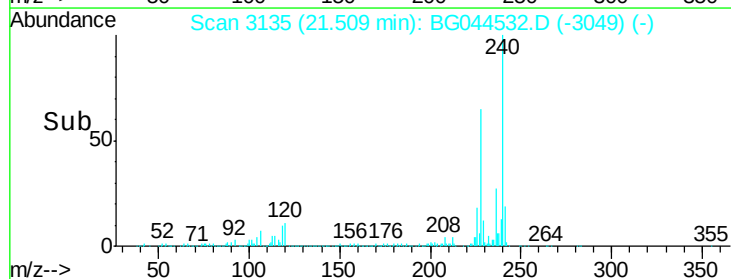
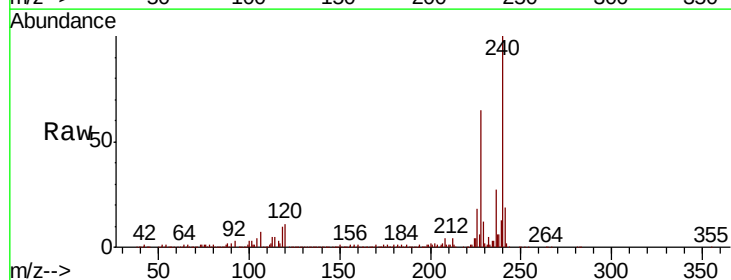
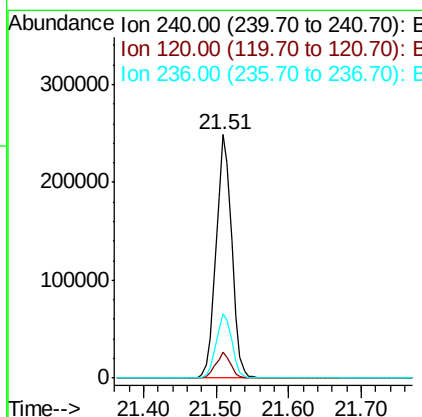
Manual Integrations
 APPROVED

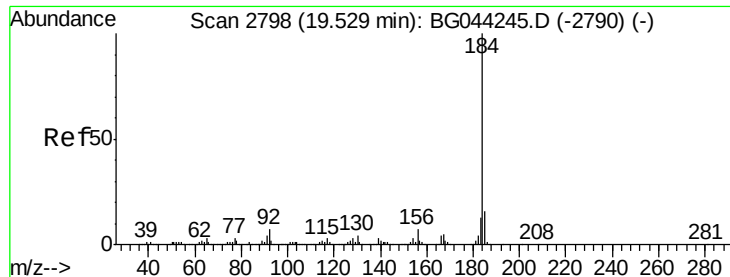
mohammad
 2/21/2020 2:17:53 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.51 min Scan# 3135
 Delta R.T. -0.03 min
 Lab File: BG044532.D
 Acq: 20 Feb 2020 22:32

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.4	12.6
236	26.6	22.1	33.1





#77

Benzidine

Concen: 27.184 ng

RT: 19.50 min Scan# 2793

Delta R.T. -0.02 min

Lab File: BG044532.D

Acq: 20 Feb 2020 22:32

Instrument :

BNA_G

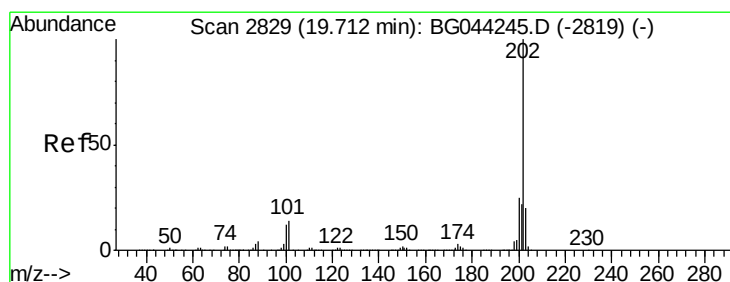
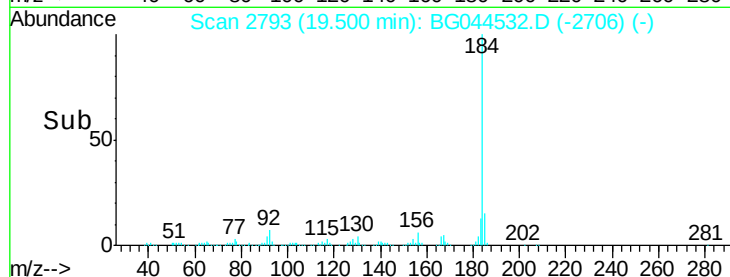
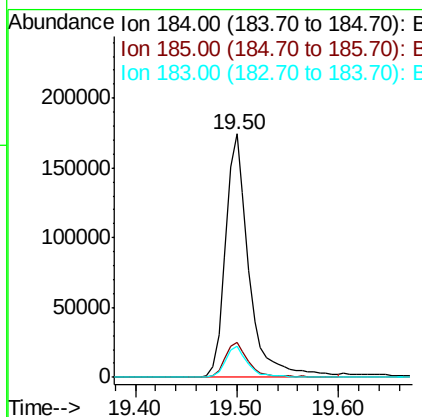
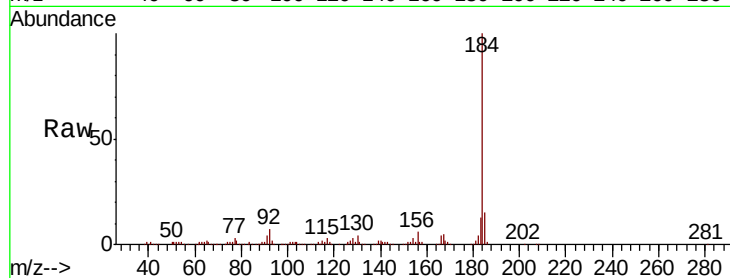
ClientSampleId :

FK-BPM-01-C2-C3-C2A-C3AMS

Tot Ion:	184	Resp:	281306
Ion Ratio		Lower	Upper
184	100		
185	14.6	12.9	19.3
183	12.7	10.8	16.2

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#78

Pyrene

Concen: 43.786 ng

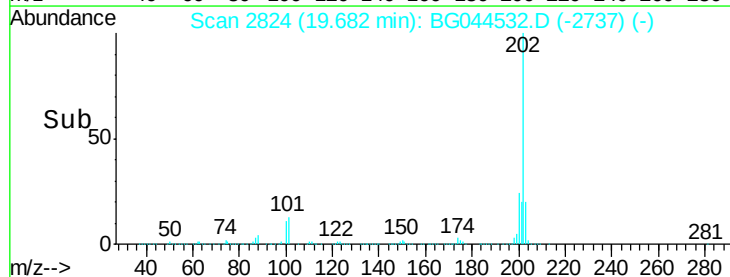
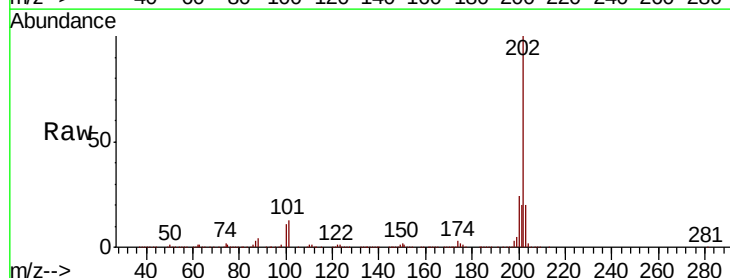
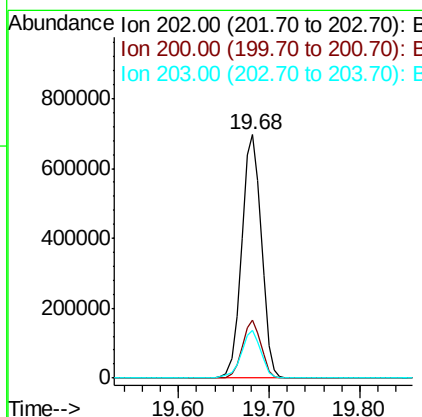
RT: 19.68 min Scan# 2824

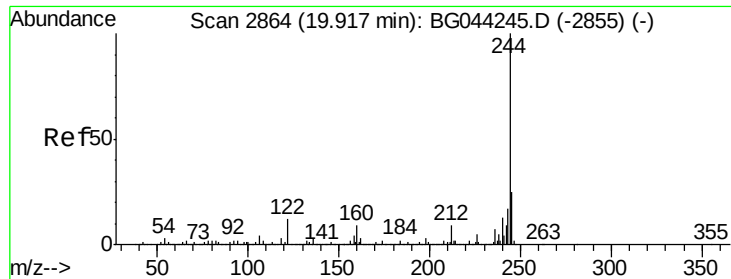
Delta R.T. -0.02 min

Lab File: BG044532.D

Acq: 20 Feb 2020 22:32

Tgt Ion:	202	Resp:	1049045
Ion Ratio		Lower	Upper
202	100		
200	23.6	20.0	30.0
203	19.9	16.2	24.2





#79

Terphenyl-d14

Concen: 52.741 ng

RT: 19.88 min Scan# 2858

Delta R.T. -0.02 min

Lab File: BG044532.D

Acq: 20 Feb 2020 22:32

Instrument :

BNA_G

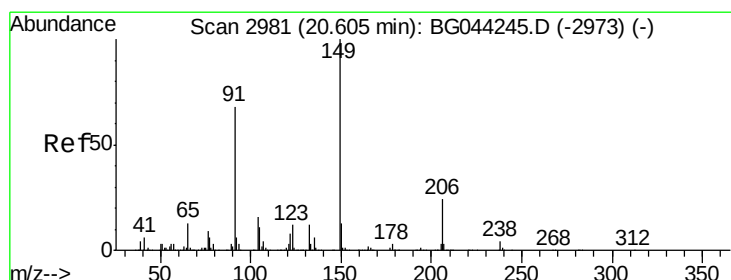
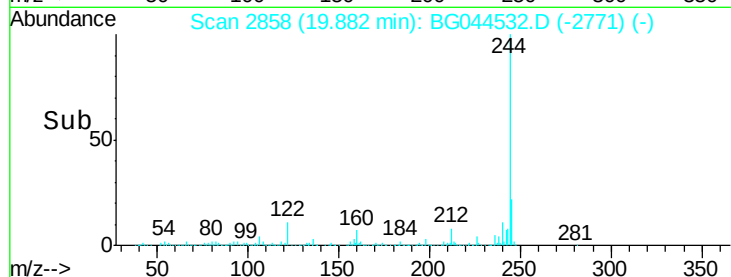
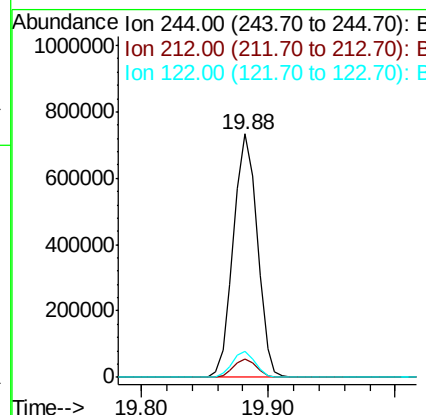
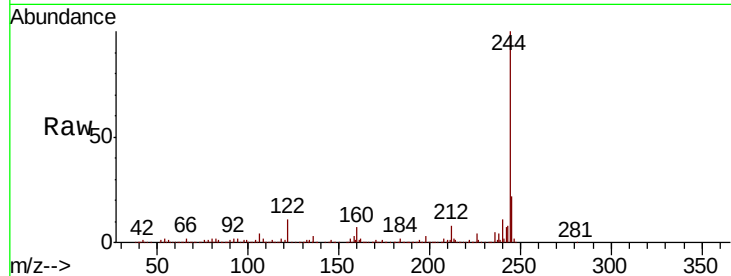
ClientSampleId :

FK-BPM-01-C2-C3-C2A-C3AMS

Tot Ion:	244	Resp:	956607
Ion Ratio		Lower	Upper
244	100		
212	7.6	7.4	11.2
122	10.6	9.8	14.6

Manual Integrations
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#80

Butylbenzylphthalate

Concen: 42.251 ng

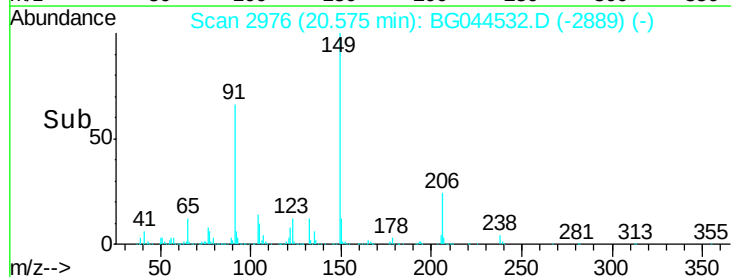
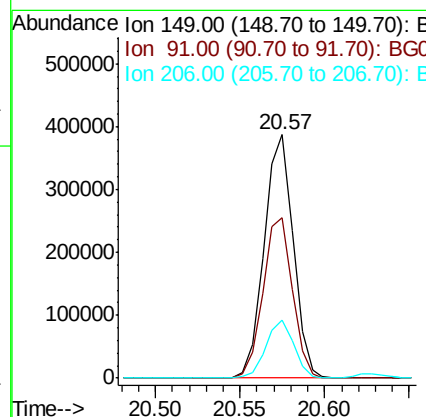
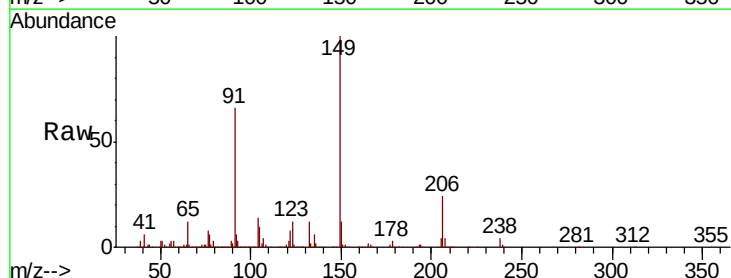
RT: 20.57 min Scan# 2976

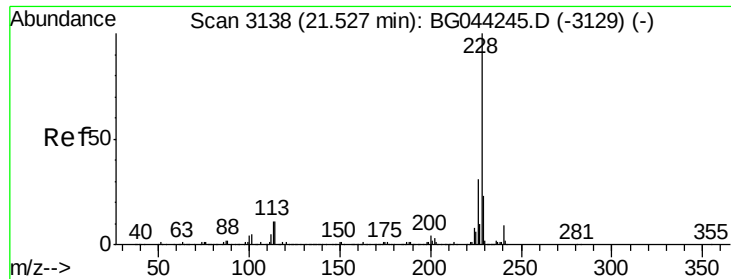
Delta R.T. -0.02 min

Lab File: BG044532.D

Acq: 20 Feb 2020 22:32

Tgt Ion:	149	Resp:	461307
Ion Ratio		Lower	Upper
149	100		
91	66.1	54.5	81.7
206	23.8	19.1	28.7





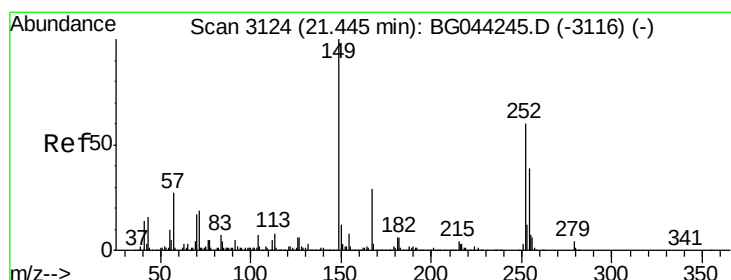
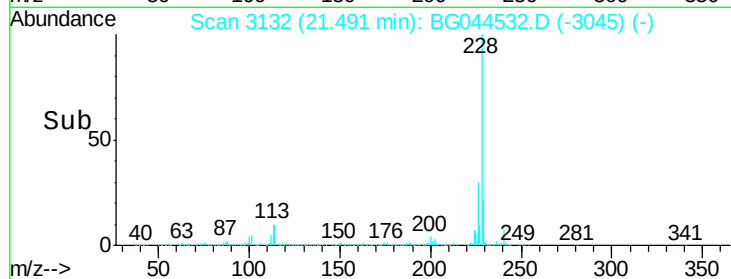
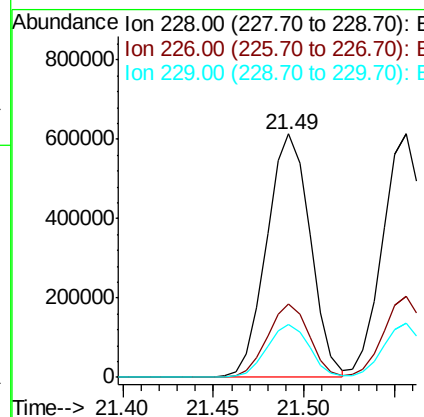
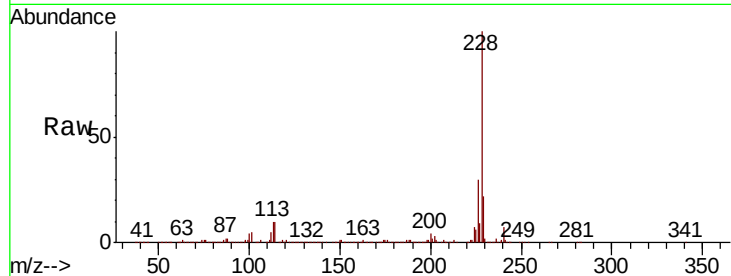
#81
Benzo(a)anthracene
Concen: 44.551 ng
RT: 21.49 min Scan# 3132
Delta R.T. -0.02 min
Lab File: BG044532.D
Acq: 20 Feb 2020 22:32

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-C2-C3-C2A-C3AMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.7	37.1
229	21.8	18.2	27.4

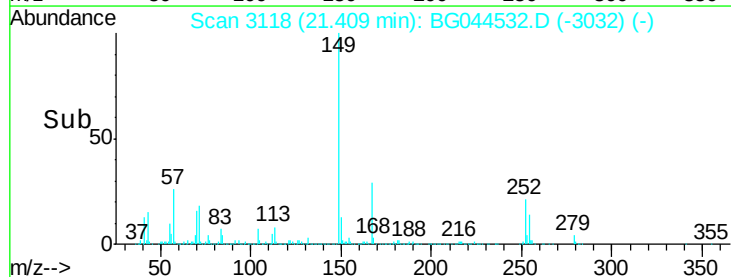
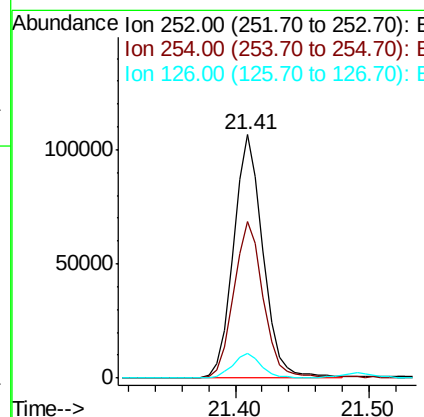
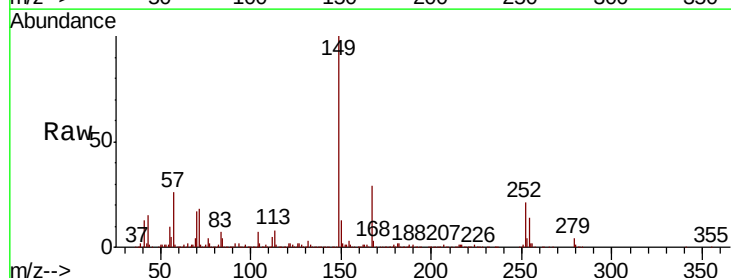
Manual Integrations
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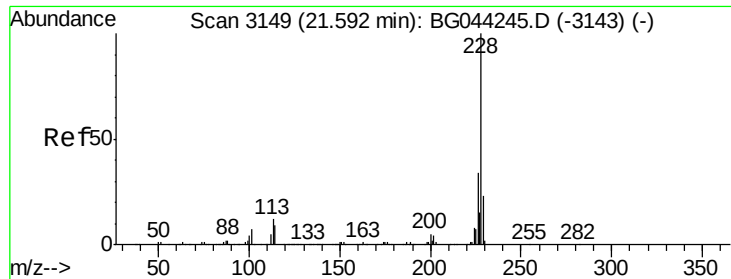
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 18.379 ng
RT: 21.41 min Scan# 3118
Delta R.T. -0.03 min
Lab File: BG044532.D
Acq: 20 Feb 2020 22:32

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.5	52.6	78.8
126	10.0	8.2	12.4





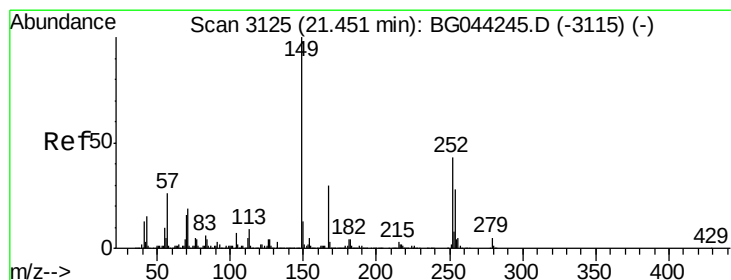
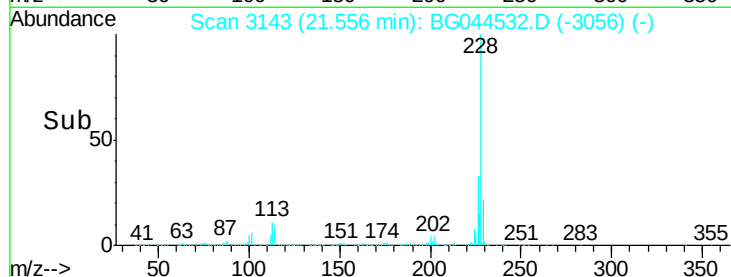
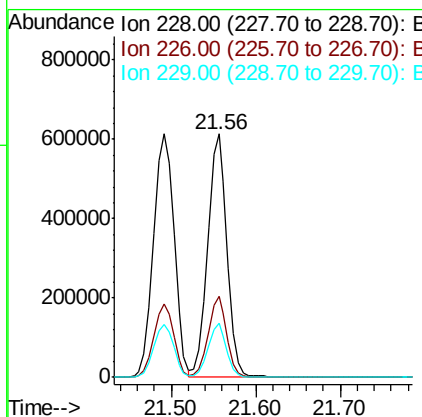
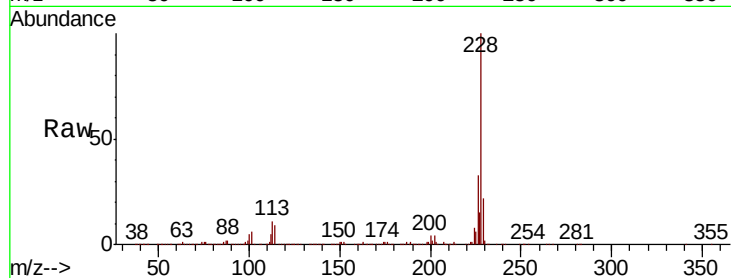
#83
 Chrysene
 Concen: 44.103 ng
 RT: 21.56 min Scan# 3143
 Delta R.T. -0.02 min
 Lab File: BG044532.D
 Acq: 20 Feb 2020 22:32

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-C2-C3-C2A-C3AMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.3	27.1	40.7
229	22.0	17.9	26.9

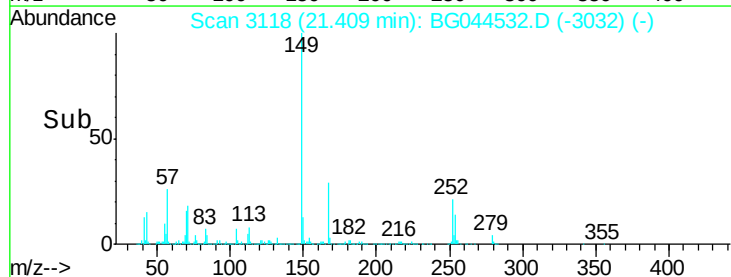
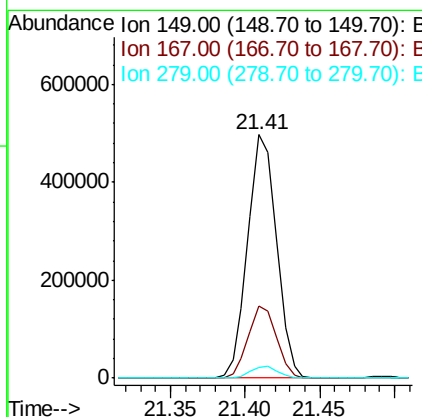
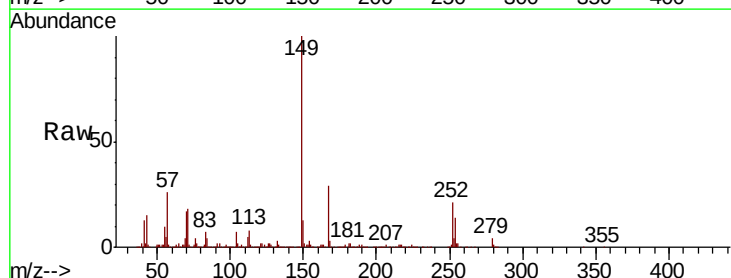
Manual Integrations
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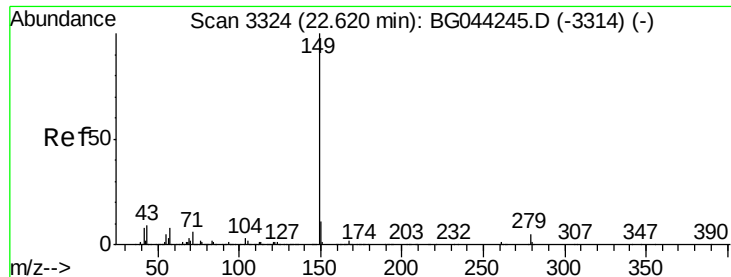
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.136 ng
 RT: 21.41 min Scan# 3118
 Delta R.T. -0.03 min
 Lab File: BG044532.D
 Acq: 20 Feb 2020 22:32

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.5	24.0	36.0
279	4.5	3.8	5.8





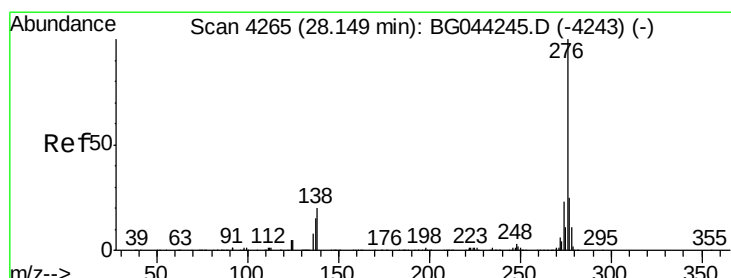
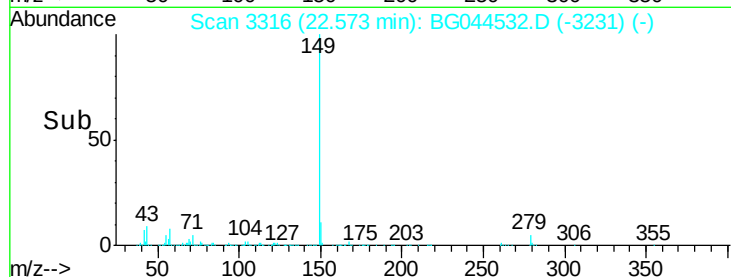
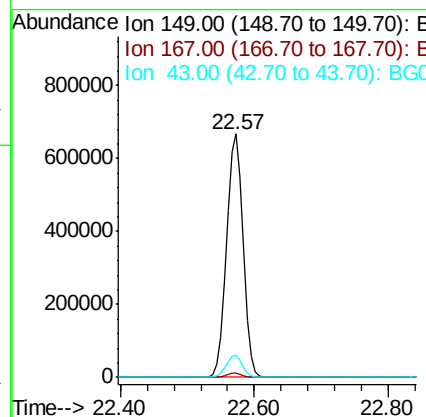
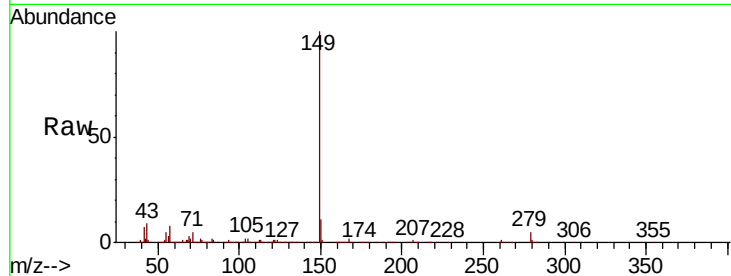
#85
Di-n-octyl phthalate
Concen: 44.929 ng
RT: 22.57 min Scan# 3316
Delta R.T. -0.03 min
Lab File: BG044532.D
Acq: 20 Feb 2020 22:32

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-C2-C3-C2A-C3AMS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	8.6	7.4	11.0

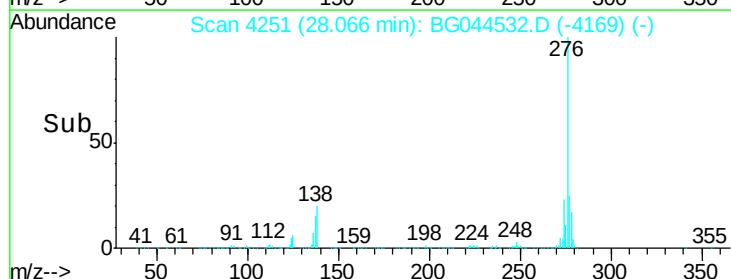
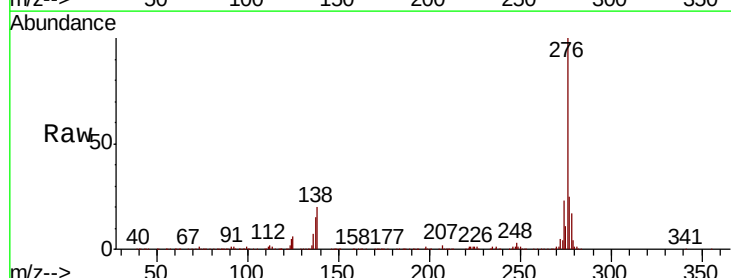
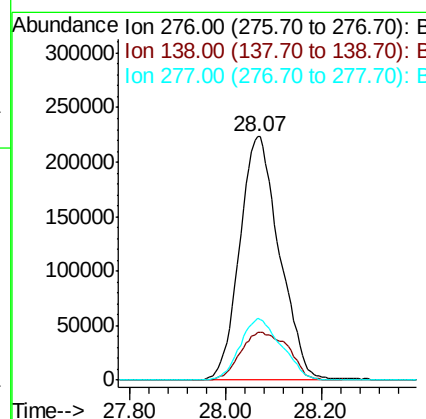
Manual Integrations
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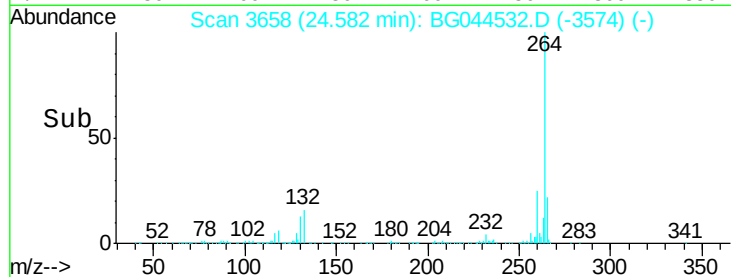
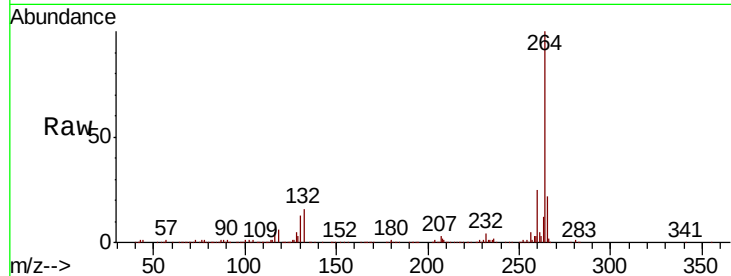
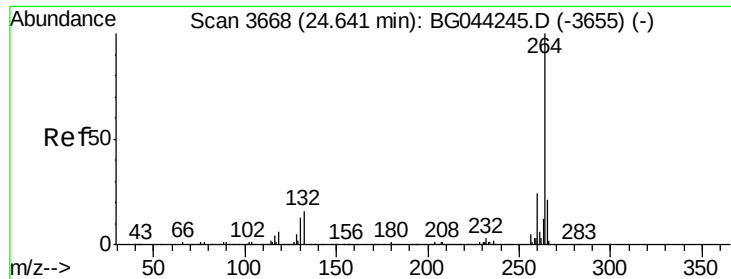
mohammad
2/21/2020 2:17:53 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 44.366 ng
RT: 28.07 min Scan# 4251
Delta R.T. -0.05 min
Lab File: BG044532.D
Acq: 20 Feb 2020 22:32

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.6	19.4	29.0
277	26.5	21.0	31.6





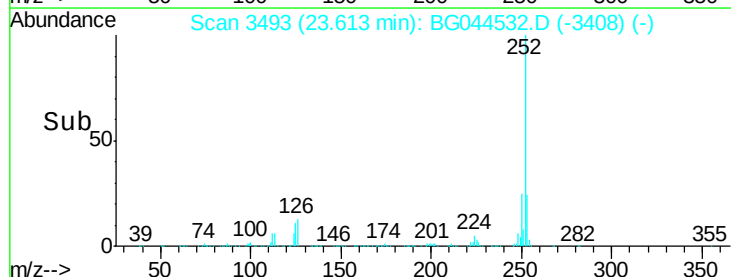
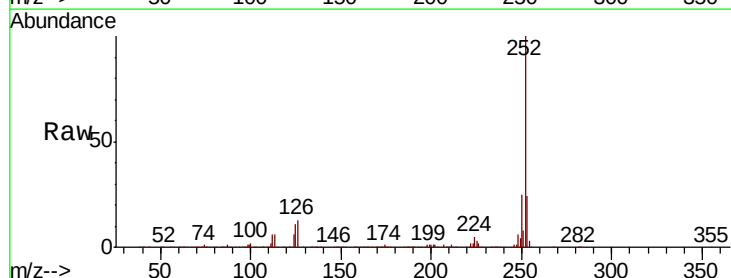
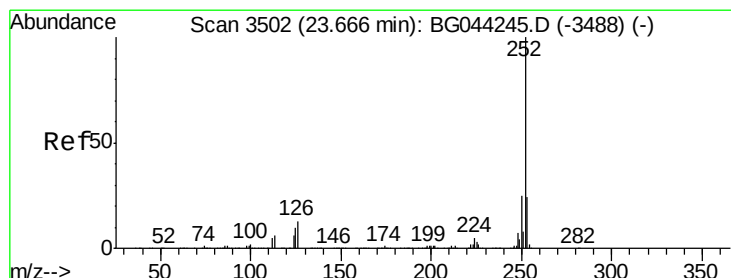
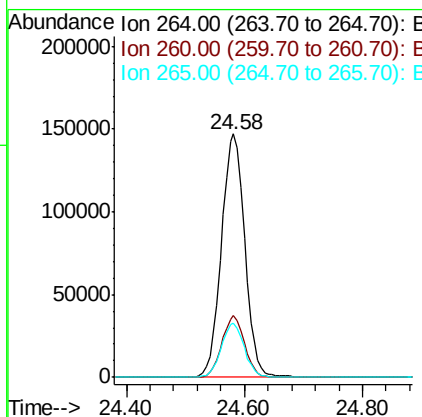
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.58 min Scan# 3658
Delta R.T. -0.04 min
Lab File: BG044532.D
Acq: 20 Feb 2020 22:32

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-C2-C3-C2A-C3AMS

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.5	19.4	29.2
265	22.4	16.7	25.1

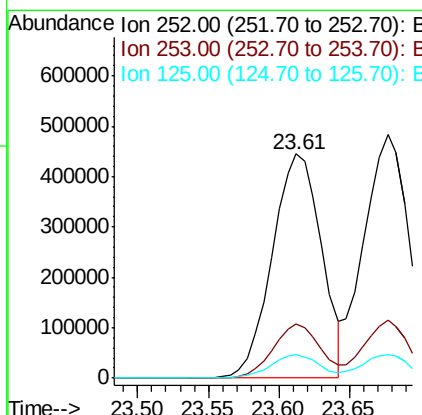
Manual Integrations
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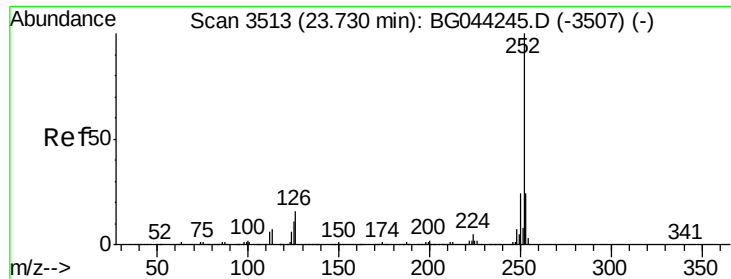
mohammad
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#88
Benzo(b)fluoranthene
Concen: 46.271 ng
RT: 23.61 min Scan# 3493
Delta R.T. -0.03 min
Lab File: BG044532.D
Acq: 20 Feb 2020 22:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	19.2	28.8
125	10.6	8.4	12.6





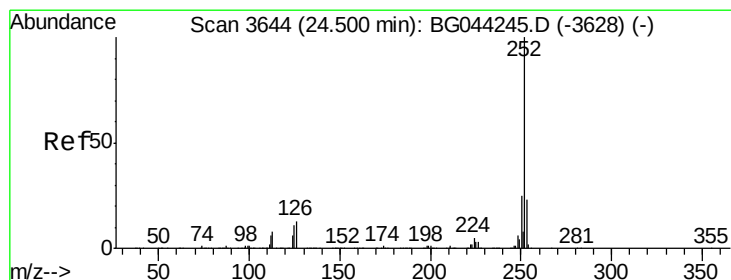
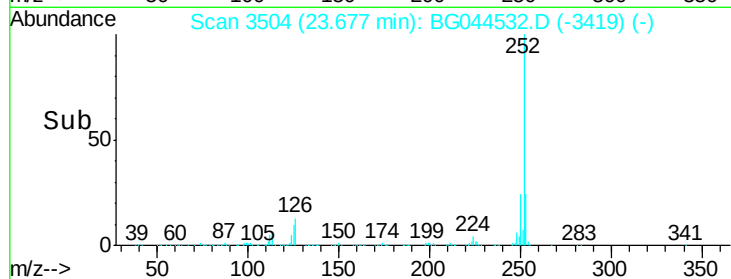
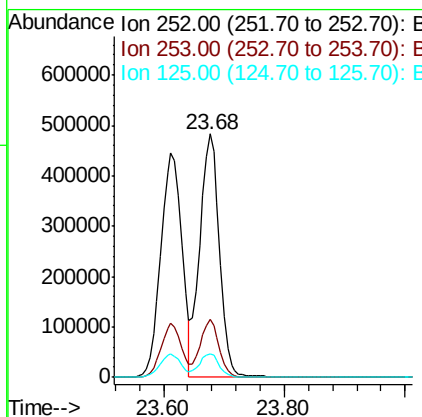
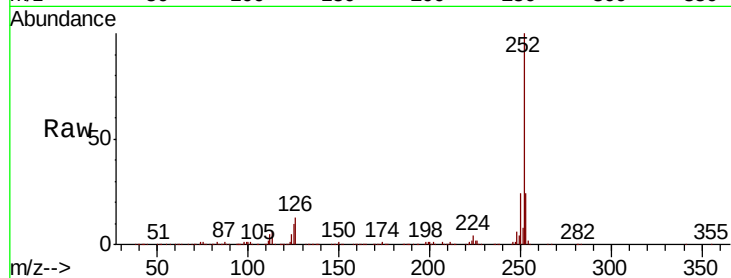
#89
Benzo(k)fluoranthene
Concen: 47.931 ng
RT: 23.68 min Scan# 3504
Delta R.T. -0.03 min
Lab File: BG044532.D
Acq: 20 Feb 2020 22:32

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-C2-C3-C2A-C3AMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.1	28.7
125	9.6	8.6	12.8

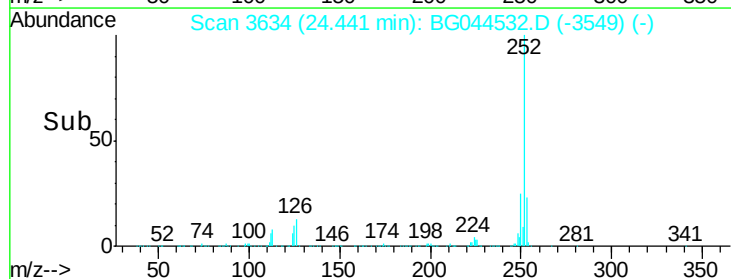
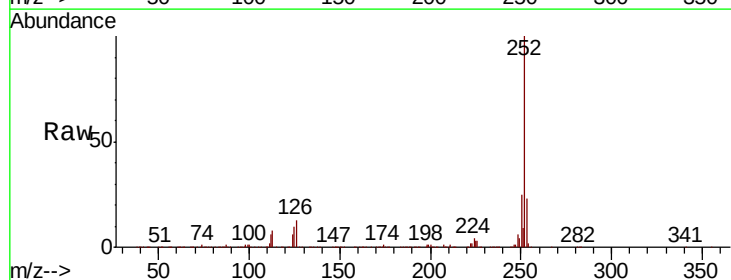
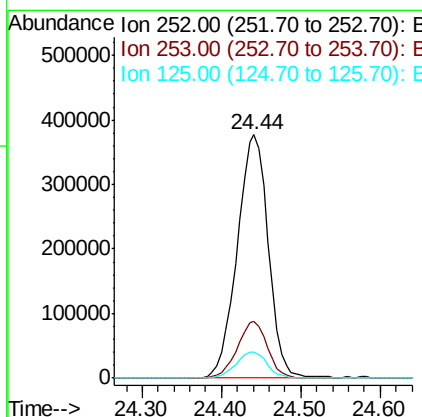
Manual Integrations
APPROVED

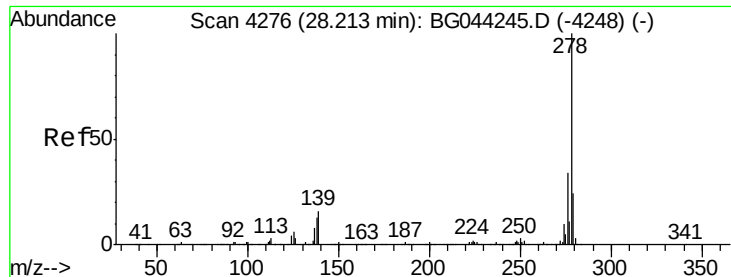
mohammad
2/21/2020 2:17:53 PM



#90
Benzo(a)pyrene
Concen: 46.195 ng
RT: 24.44 min Scan# 3634
Delta R.T. -0.03 min
Lab File: BG044532.D
Acq: 20 Feb 2020 22:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.1	27.1
125	10.5	8.6	13.0





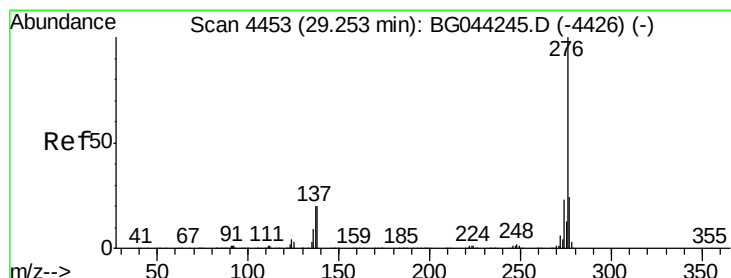
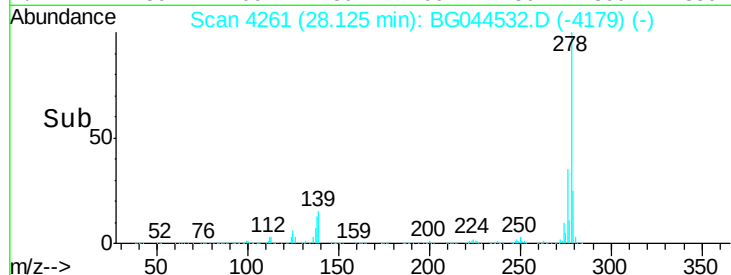
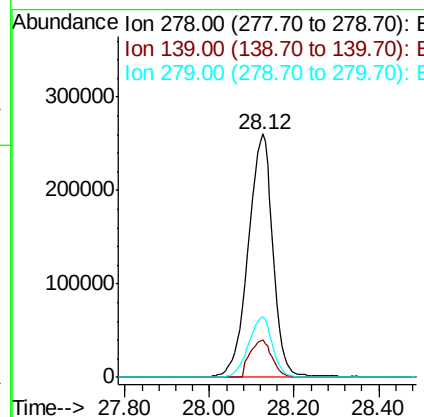
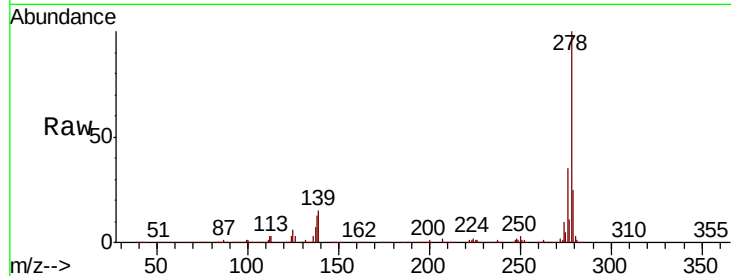
#91
Dibenzo(a,h)anthracene
Concen: 48.573 ng
RT: 28.12 min Scan# 4261
Delta R.T. -0.05 min
Lab File: BG044532.D
Acq: 20 Feb 2020 22:32

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-C2-C3-C2A-C3AMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.2	12.7	19.1
279	25.1	19.3	28.9

Manual Integrations
APPROVED

mohammad
2/21/2020 2:17:53 PM



#92
Benzo(g,h,i)perylene
Concen: 49.504 ng
RT: 29.15 min Scan# 4436
Delta R.T. -0.05 min
Lab File: BG044532.D
Acq: 20 Feb 2020 22:32

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.8	28.2
138	20.7	16.2	24.2

