

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022020\
 Data File : BG044533.D
 Acq On : 20 Feb 2020 23:11
 Operator : CG/JU
 Sample : L1595-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-C2-C3-C2A-C3AMSD

Manual Integrations
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 2/21/2020 2:17:55 PM

Quant Time: Feb 21 07:36:00 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	56871	20.00	ng	-0.02
21) Naphthalene-d8	10.68	136	241477	20.00	ng	-0.02
39) Acenaphthene-d10	14.52	164	159588	20.00	ng	-0.02
64) Phenanthrene-d10	17.27	188	359087	20.00	ng	-0.02
76) Chrysene-d12	21.51	240	365891	20.00	ng	-0.02
87) Perylene-d12	24.58	264	400692	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	335159	104.01	ng	-0.02
7) Phenol-d6	7.05	99	451680	104.38	ng	-0.02
23) Nitrobenzene-d5	9.03	82	259585	60.69	ng	-0.03
42) 2,4,6-Tribromophenol	16.01	330	184101	98.27	ng	-0.02
45) 2-Fluorobiphenyl	13.14	172	606406	63.63	ng	-0.02
79) Terphenyl-d14	19.88	244	1004899	56.49	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.33	88	60761	41.967	ng	99
3) Pyridine	3.73	79	148209	38.423	ng	99
4) n-Nitrosodimethylamine	3.65	42	73044	45.316	ng	96
6) Aniline	7.20	93	120486	22.432	ng	99
8) 2-Chlorophenol	7.45	128	194005	54.780	ng	98
9) Benzaldehyde	7.01	77	73989	30.022	ng	99
10) Phenol	7.08	94	235903	55.085	ng	98
11) bis(2-Chloroethyl)ether	7.30	93	169366	46.259	ng	98
12) 1,3-Dichlorobenzene	7.77	146	197452	46.696	ng	97
13) 1,4-Dichlorobenzene	7.92	146	197067	47.055	ng	98
14) 1,2-Dichlorobenzene	8.23	146	186102	47.013	ng	100
15) Benzyl Alcohol	8.12	79	153490	50.101	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.41	45	217813	43.954	ng	99
17) 2-Methylphenol	8.33	107	162451	53.167	ng	99
18) Hexachloroethane	8.96	117	71194	45.301	ng	98
19) n-Nitroso-di-n-propylamine	8.69	70	131948	45.753	ng	99
20) 3+4-Methylphenols	8.66	107	218580	51.907	ng	99
22) Acetophenone	8.70	105	252404	42.967	ng	98
24) Nitrobenzene	9.08	77	189810	45.456	ng	99
25) Isophorone	9.60	82	365090	45.795	ng	100
26) 2-Nitrophenol	9.79	139	107464	49.598	ng	99
27) 2,4-Dimethylphenol	9.86	122	179928	58.829	ng	99
28) bis(2-Chloroethoxy)methane	10.09	93	230836	43.405	ng	99
29) 2,4-Dichlorophenol	10.34	162	185830	50.248	ng	99
30) 1,2,4-Trichlorobenzene	10.55	180	187861	44.301	ng	100
31) Naphthalene	10.73	128	548846	46.847	ng	100
32) Benzoic acid	10.03	122	52659	32.593	ng	90
33) 4-Chloroaniline	10.84	127	72234	13.557	ng	97
34) Hexachlorobutadiene	11.03	225	112781	43.222	ng	98
35) Caprolactam	11.61	113	70283m	51.879	ng	
36) 4-Chloro-3-methylphenol	11.98	107	194691	50.211	ng	99
37) 2-Methylnaphthalene	12.34	142	406203	46.697	ng	98
38) 1-Methylnaphthalene	12.56	142	391438	47.731	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.72	216	205325	43.011	ng	98

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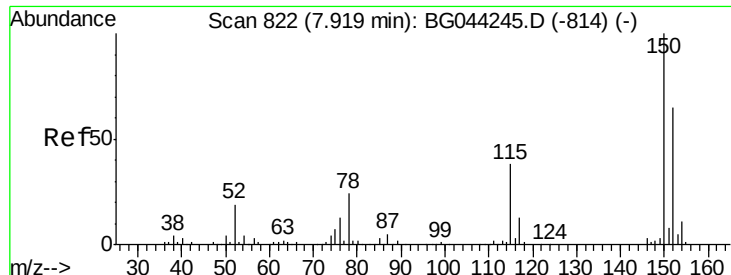
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 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.70	237	205941	89.907	ng	98
43) 2,4,6-Trichlorophenol	12.96	196	147236	47.716	ng	98
44) 2,4,5-Trichlorophenol	13.04	196	158922	50.424	ng	99
46) 1,1'-Biphenyl	13.35	154	522882	45.424	ng	98
47) 2-Chloronaphthalene	13.39	162	409761	44.733	ng	98
48) 2-Nitroaniline	13.59	65	118133	43.699	ng	99
49) Acenaphthylene	14.25	152	651989	48.528	ng	98
50) Dimethylphthalate	13.98	163	553404	48.241	ng	99
51) 2,6-Dinitrotoluene	14.09	165	119293	46.639	ng	100
52) Acenaphthene	14.59	154	391914	45.004	ng	98
53) 3-Nitroaniline	14.42	138	50375	17.802	ng	100
54) 2,4-Dinitrophenol	14.64	184	103941	69.669	ng	97
55) Dibenzofuran	14.92	168	624337	47.352	ng	98
56) 4-Nitrophenol	14.75	139	214163	103.318	ng	99
57) 2,4-Dinitrotoluene	14.89	165	168110	46.893	ng	98
58) Fluorene	15.57	166	493666	47.537	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.16	232	142120	49.923	ng	98
60) Diethylphthalate	15.34	149	519733	45.468	ng	99
61) 4-Chlorophenyl-phenylether	15.56	204	256274	45.513	ng	98
62) 4-Nitroaniline	15.59	138	119929	42.413	ng	95
63) Azobenzene	15.86	77	460554	45.972	ng	99
65) 4,6-Dinitro-2-methylphenol	15.66	198	99810	50.354	ng	96
66) n-Nitrosodiphenylamine	15.78	169	463584	46.067	ng	98
67) 4-Bromophenyl-phenylether	16.46	248	171911	43.942	ng	98
68) Hexachlorobenzene	16.58	284	191265	43.638	ng	99
69) Atrazine	16.73	200	182622	52.946	ng	98
70) Pentachlorophenol	16.93	266	195349	87.818	ng	98
71) Phenanthrene	17.31	178	810507	46.612	ng	98
72) Anthracene	17.40	178	838510	48.776	ng	99
73) Carbazole	17.67	167	764754	48.255	ng	98
74) Di-n-butylphthalate	18.23	149	923120	47.135	ng	98
75) Fluoranthene	19.32	202	1000500	49.739	ng	98
77) Benzidine	19.50	184	306501	30.200	ng	97
78) Pyrene	19.68	202	1012682	43.097	ng	98
80) Butylbenzylphthalate	20.57	149	450009	42.025	ng	98
81) Benzo(a)anthracene	21.49	228	1002608	44.461	ng	99
82) 3,3'-Dichlorobenzidine	21.41	252	173207	19.791	ng	96
83) Chrysene	21.55	228	963740	44.215	ng	99
84) Bis(2-ethylhexyl)phthalate	21.41	149	643469	43.658	ng	99
85) Di-n-octyl phthalate	22.57	149	1139301	44.676	ng	99
86) Indeno(1,2,3-cd)pyrene	28.06	276	1262252	44.387	ng	99
88) Benzo(b)fluoranthene	23.62	252	1087004	47.078	ng	98
89) Benzo(k)fluoranthene	23.68	252	1048432	46.589	ng	99
90) Benzo(a)pyrene	24.44	252	1000894	45.848	ng	100
91) Dibenzo(a,h)anthracene	28.12	278	1045035	48.370	ng	98
92) Benzo(g,h,i)perylene	29.16	276	1061171	49.064	ng	98

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



#1

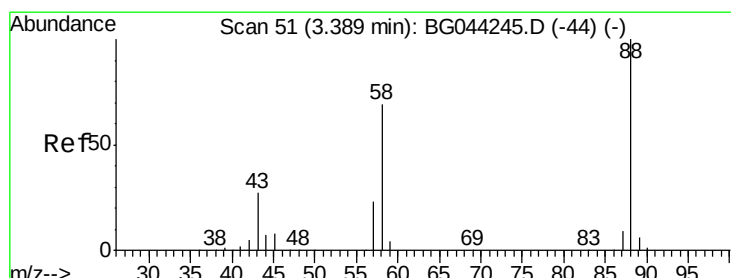
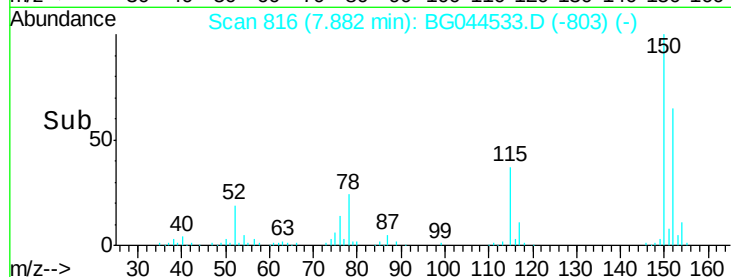
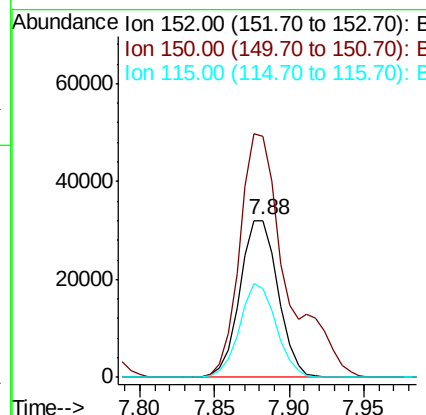
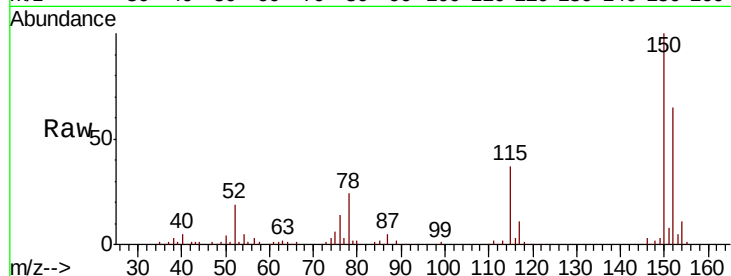
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.88 min Scan# 816
Delta R.T. -0.02 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-C2-C3-C2A-C3AMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	122.6	183.8
115	56.5	46.0	69.0

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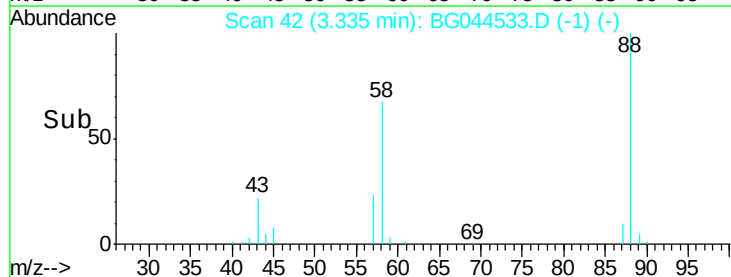
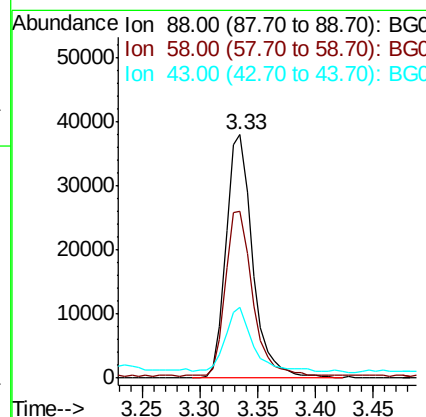
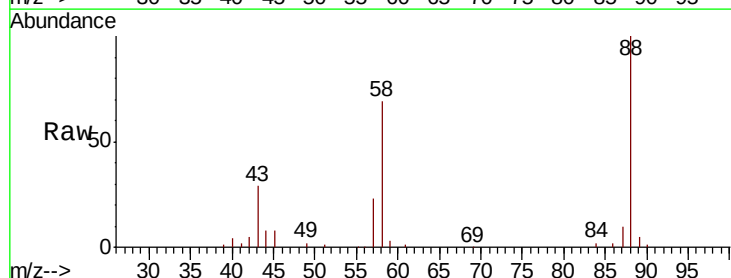
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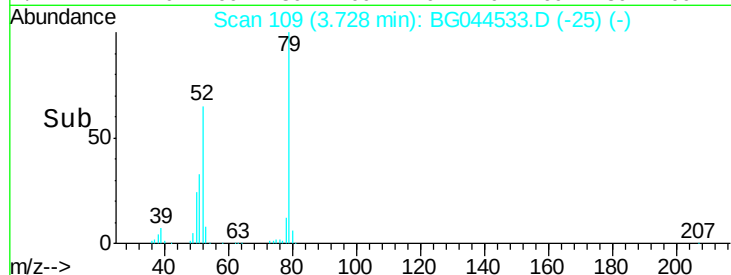
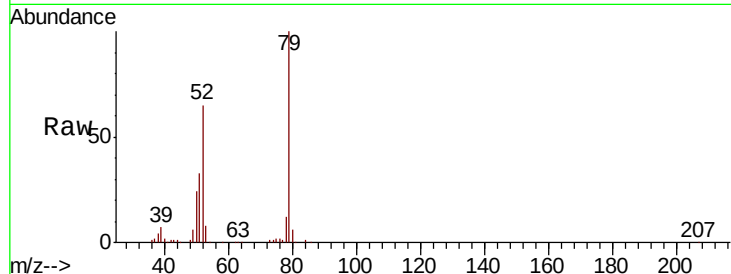
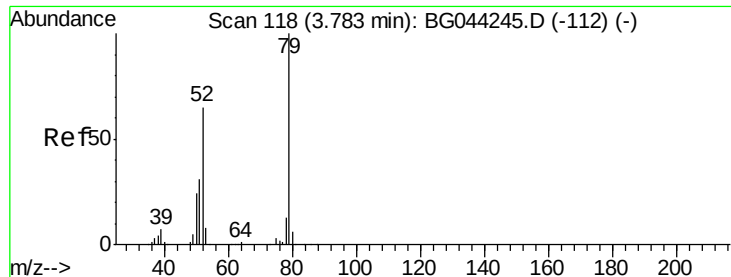


#2

1,4-Dioxane
Concen: 41.967 ng
RT: 3.33 min Scan# 42
Delta R.T. -0.03 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.5	55.8	83.6
43	26.8	21.6	32.4





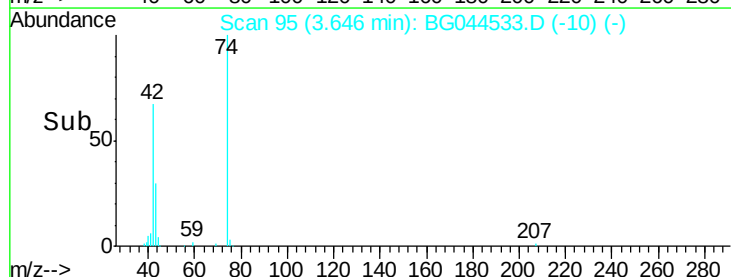
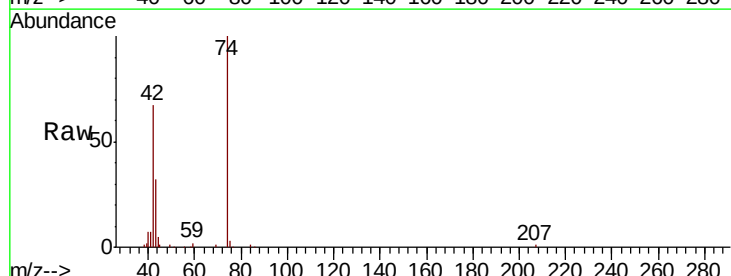
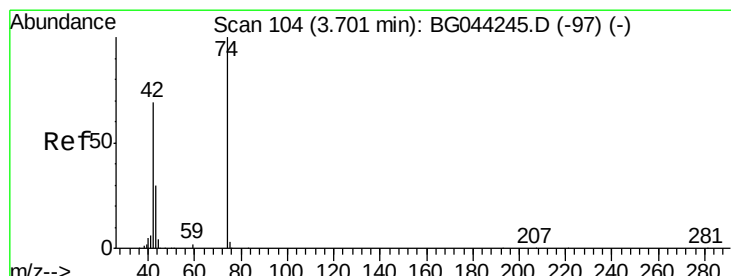
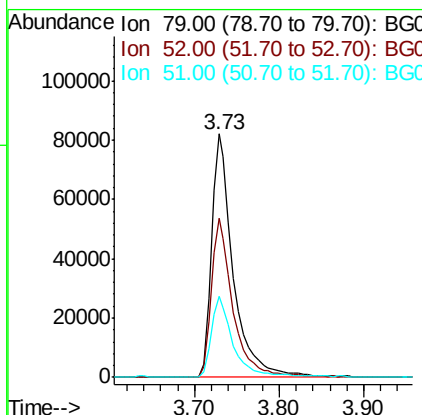
#3
 Pvridine
 Concen: 38.423 ng
 RT: 3.73 min Scan# 109
 Delta R.T. -0.03 min
 Lab File: BG044533.D
 Acq: 20 Feb 2020 23:11

Tot Ion:	79	Resp:	148209
Ion Ratio	Lower	Upper	
79	100		
52	65.2	51.9	77.9
51	33.1	25.3	37.9

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-C2-C3-C2A-C3AMSD

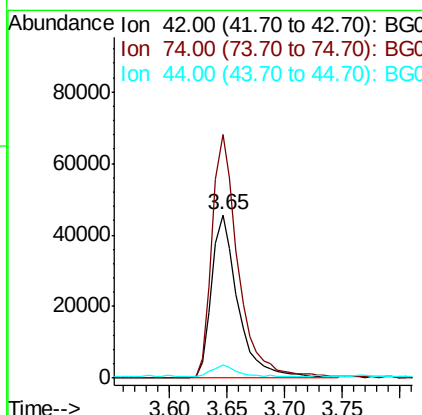
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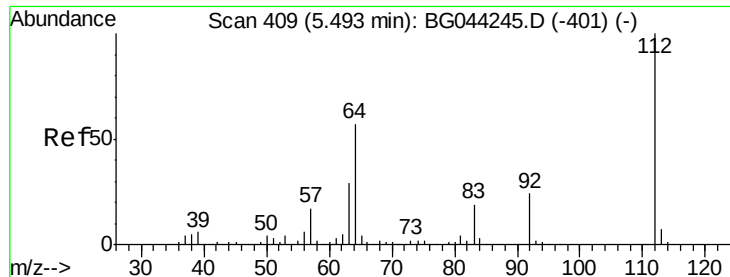
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#4
 n-Nitrosodimethylamine
 Concen: 45.316 ng
 RT: 3.65 min Scan# 95
 Delta R.T. -0.03 min
 Lab File: BG044533.D
 Acq: 20 Feb 2020 23:11

Tgt Ion:	42	Resp:	73044
Ion Ratio	Lower	Upper	
42	100		
74	149.0	115.1	172.7
44	7.7	5.6	8.4





#5

2-Fluorophenol

Concen: 104.008 ng

RT: 5.46 min Scan# 404

Delta R.T. -0.02 min

Lab File: BG044533.D

Acq: 20 Feb 2020 23:11

Instrument :

BNA_G

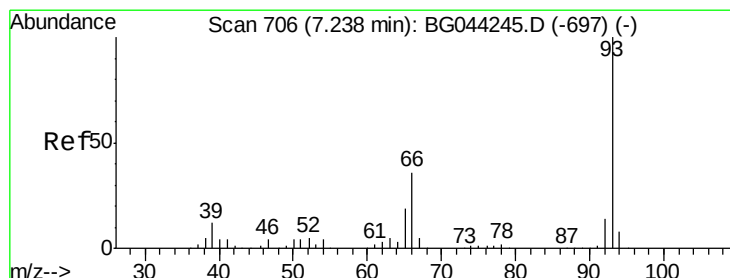
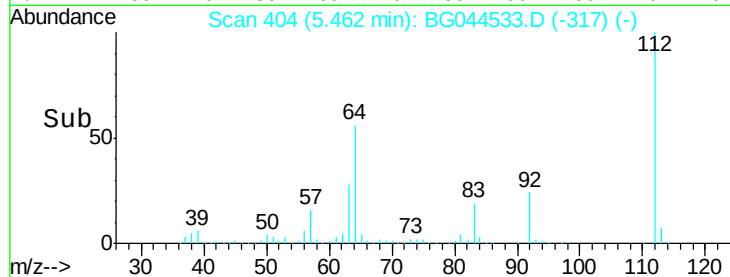
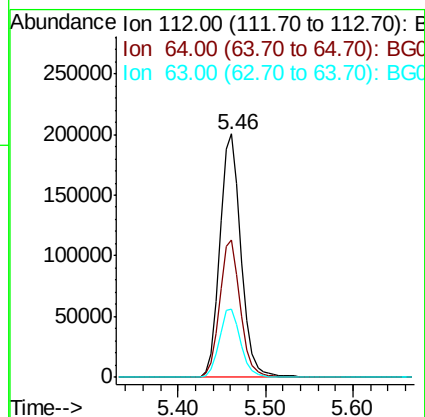
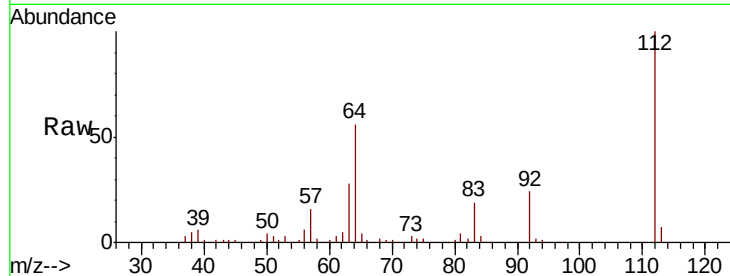
ClientSampleId :

FK-BPM-01-C2-C3-C2A-C3AMSD

Tot Ion:	112	Resp:	335159
Ion Ratio	Lower	Upper	
112	100		
64	56.2	45.4	68.2
63	27.9	22.9	34.3

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#6

Aniline

Concen: 22.432 ng

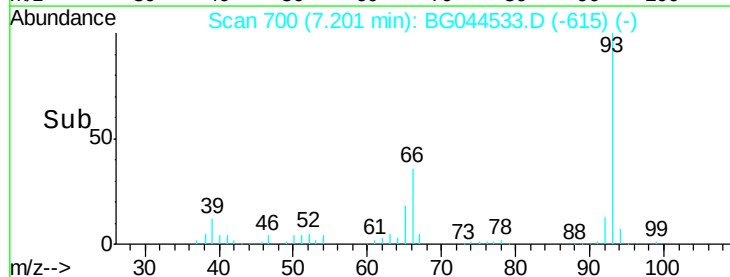
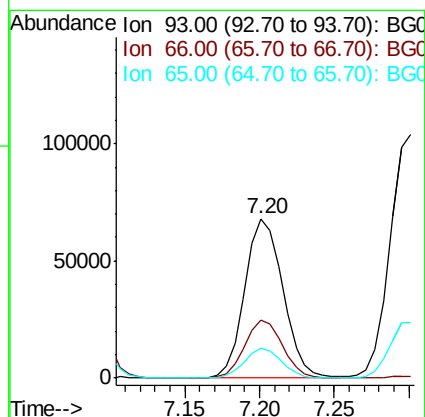
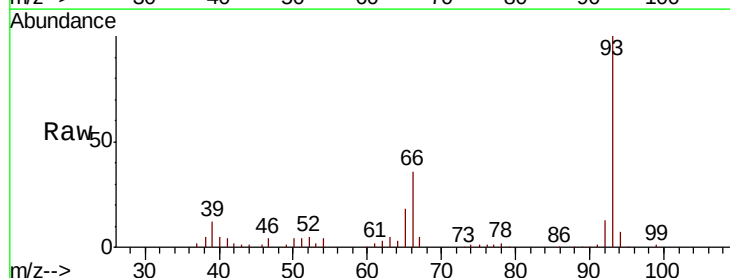
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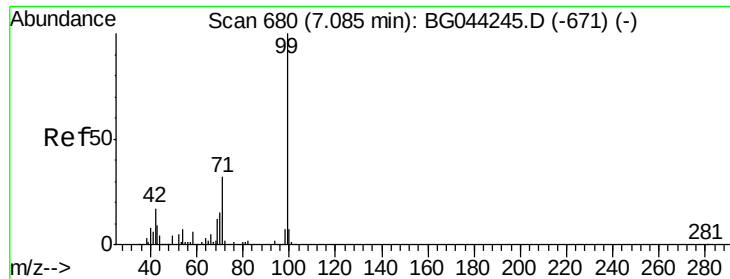
Delta R.T. -0.03 min

Lab File: BG044533.D

Acq: 20 Feb 2020 23:11

Tgt Ion:	93	Resp:	120486
Ion Ratio	Lower	Upper	
93	100		
66	36.2	28.7	43.1
65	18.4	15.4	23.0





#7

Phenol-d6

Concen: 104.380 ng

RT: 7.05 min Scan# 675

Delta R.T. -0.02 min

Lab File: BG044533.D

Acq: 20 Feb 2020 23:11

Instrument :

BNA_G

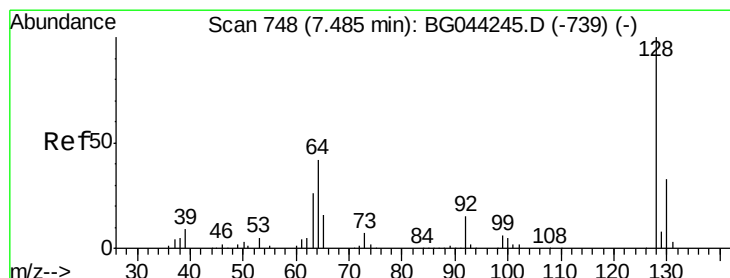
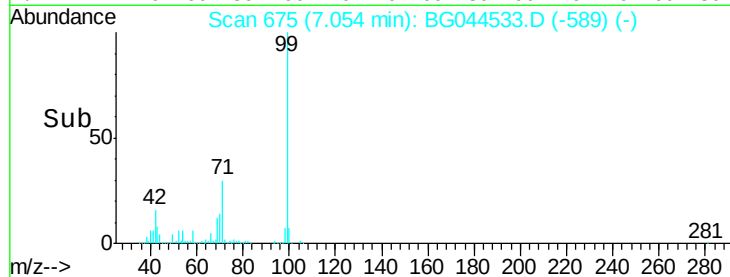
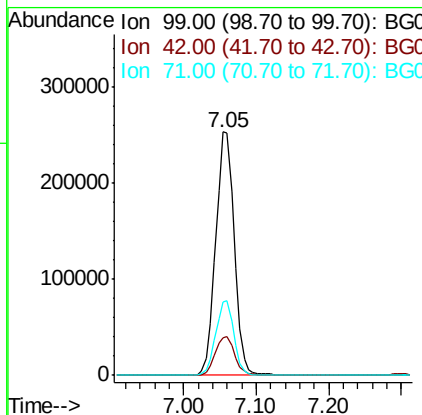
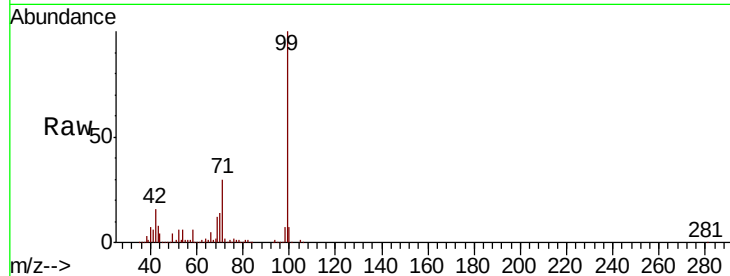
ClientSampleId :

FK-BPM-01-C2-C3-C2A-C3AMSD

Tot Ion:	99	Resp:	451680
Ion Ratio	Lower	Upper	
99	100		
42	15.5	13.8	20.6
71	29.9	25.5	38.3

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#8

2-Chlorophenol

Concen: 54.780 ng

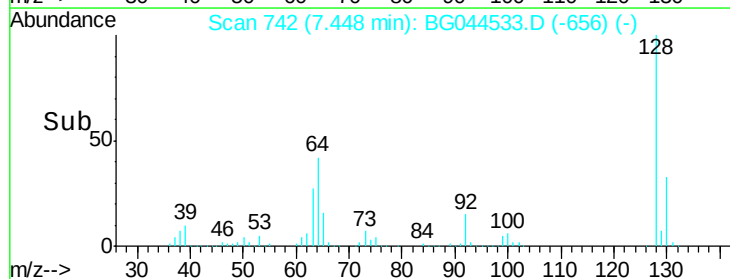
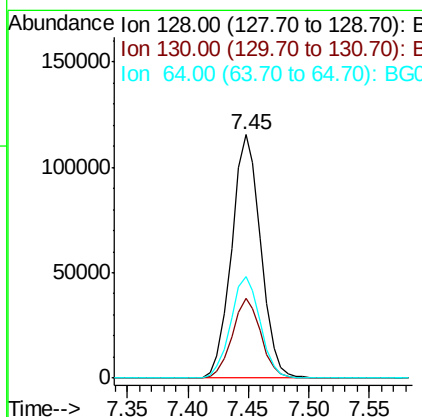
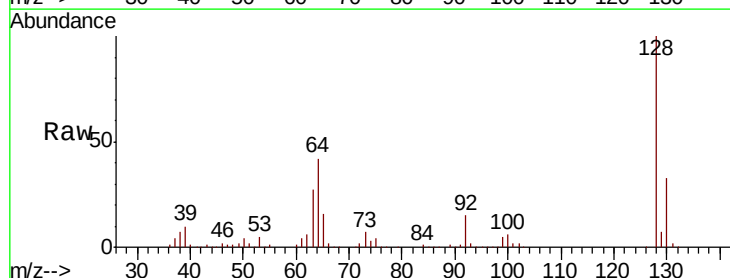
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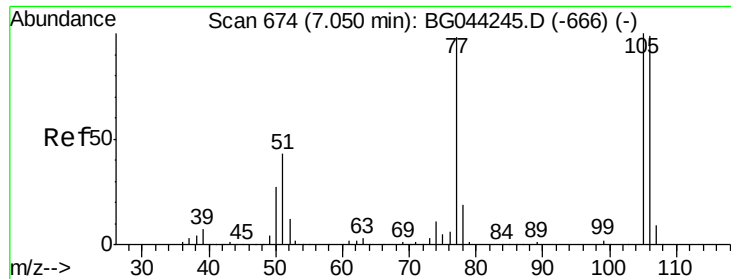
Delta R.T. -0.02 min

Lab File: BG044533.D

Acq: 20 Feb 2020 23:11

Tgt Ion:	128	Resp:	194005
Ion Ratio	Lower	Upper	
128	100		
130	32.9	12.5	52.5
64	41.9	24.2	64.2





#9

Benzaldehyde

Concen: 30.022 ng

RT: 7.01 min Scan# 668

Delta R.T. -0.02 min

Lab File: BG044533.D

Acq: 20 Feb 2020 23:11

Instrument :

BNA_G

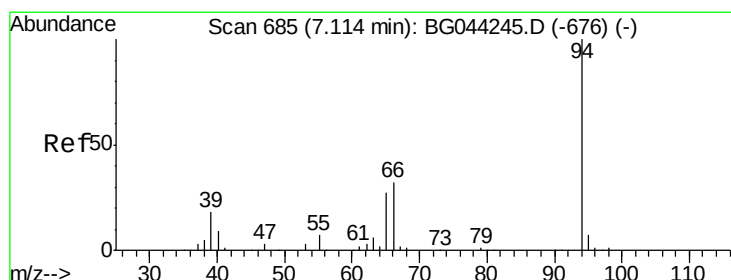
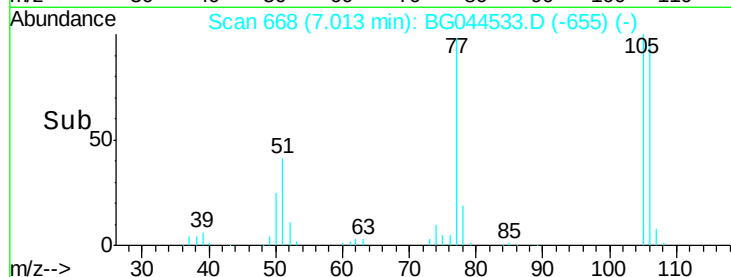
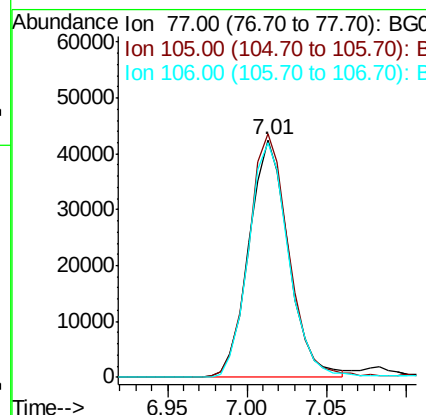
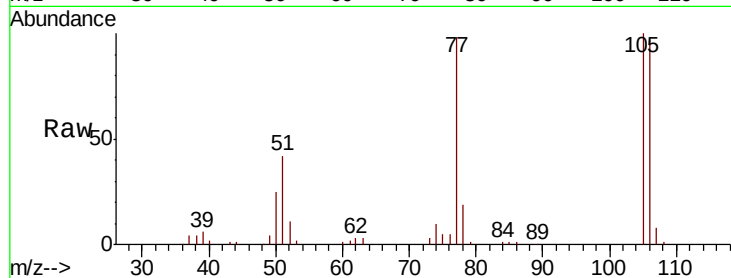
ClientSampleId :

FK-BPM-01-C2-C3-C2A-C3AMSD

Tot Ion:	77	Resp:	73989
Ion	Ratio	Lower	Upper
77	100		
105	102.5	82.0	122.0
106	99.0	80.7	120.7

Manual Integrations
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#10

Phenol

Concen: 55.085 ng

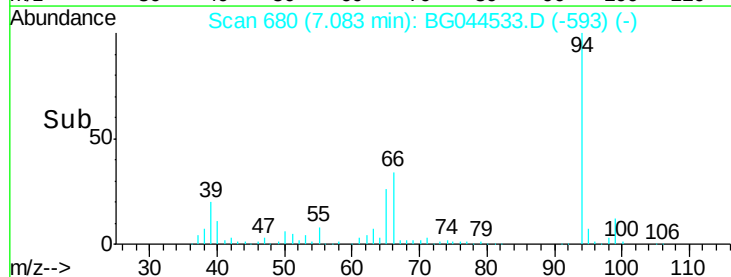
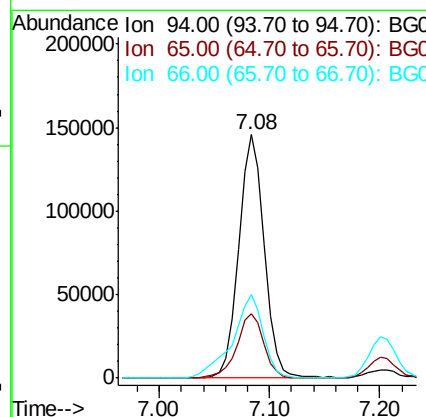
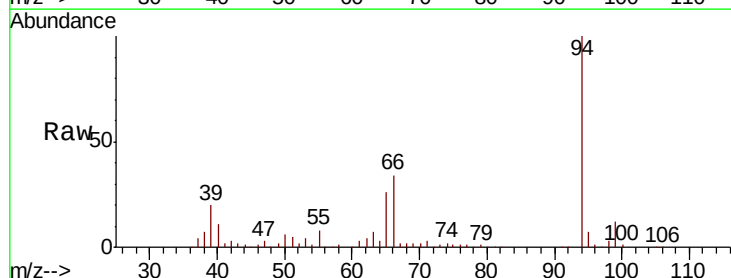
RT: 7.08 min Scan# 680

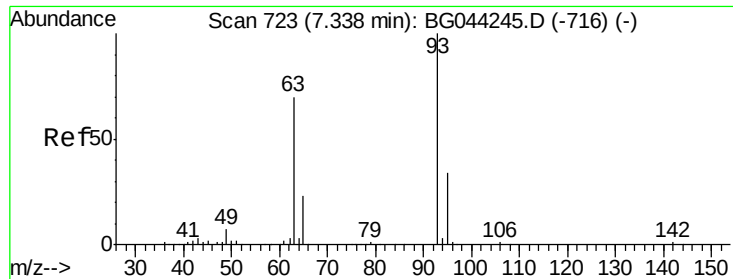
Delta R.T. -0.02 min

Lab File: BG044533.D

Acq: 20 Feb 2020 23:11

Tgt Ion:	94	Resp:	235903
Ion	Ratio	Lower	Upper
94	100		
65	26.3	7.0	47.0
66	34.1	12.7	52.7





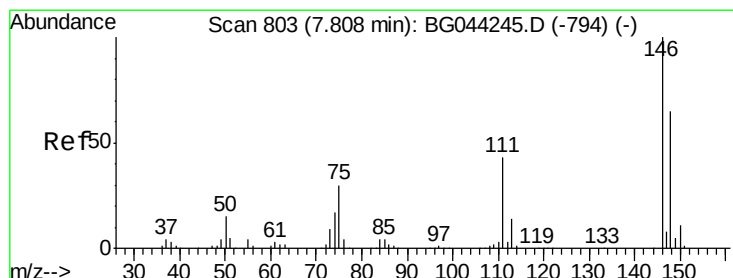
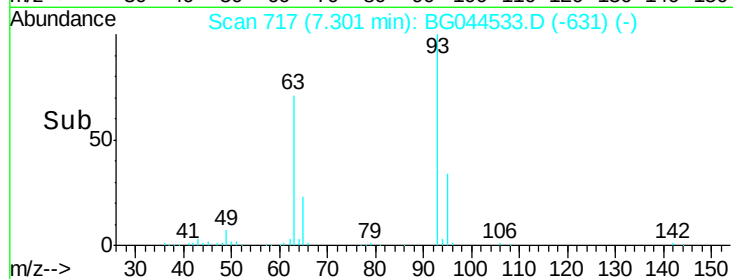
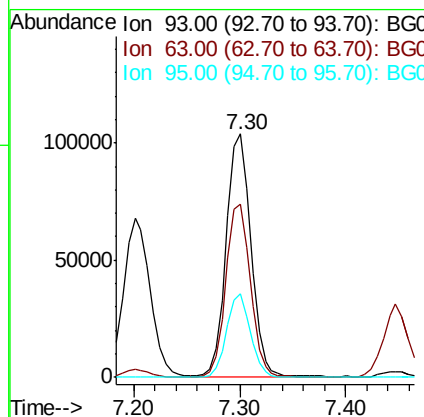
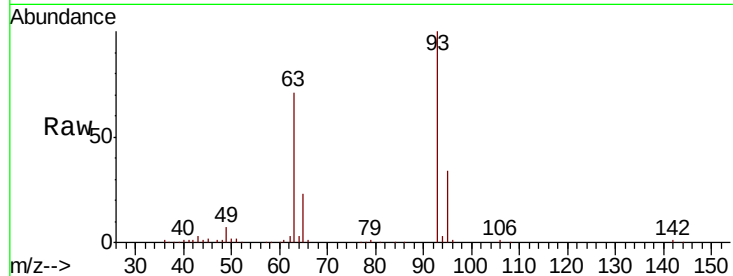
#11
bis(2-Chloroethyl)ether
Concen: 46.259 ng
RT: 7.30 min Scan# 717
Delta R.T. -0.02 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-C2-C3-C2A-C3AMSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	70.9	49.2	89.2
95	34.1	13.6	53.6

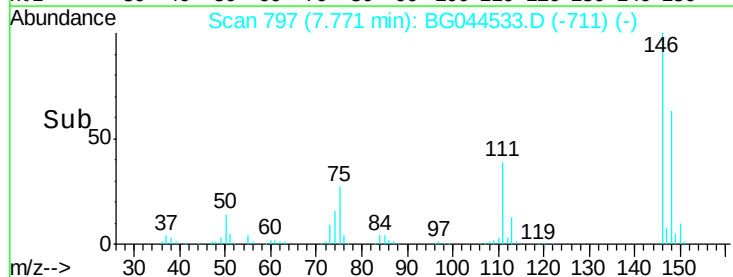
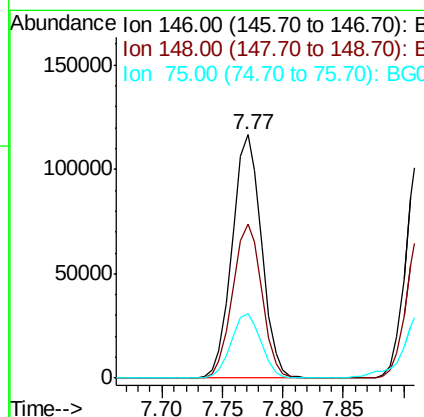
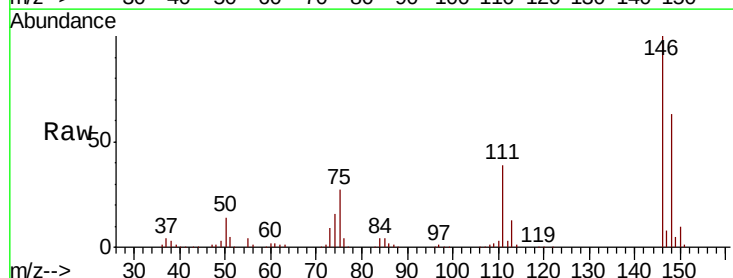
Manual Integrations
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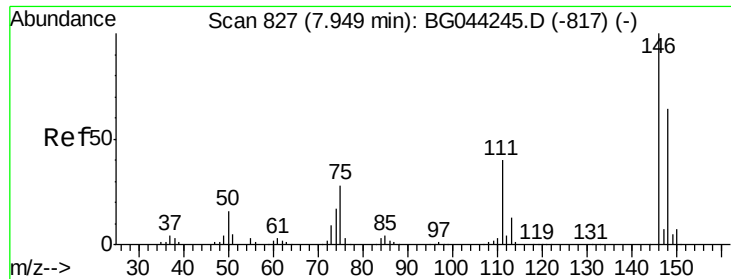
mohammad
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#12
1,3-Dichlorobenzene
Concen: 46.696 ng
RT: 7.77 min Scan# 797
Delta R.T. -0.02 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.8	77.8
75	26.7	23.7	35.5





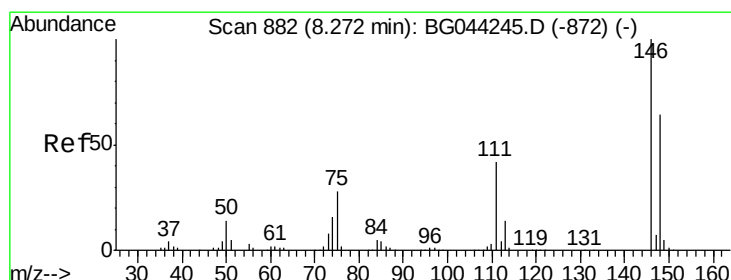
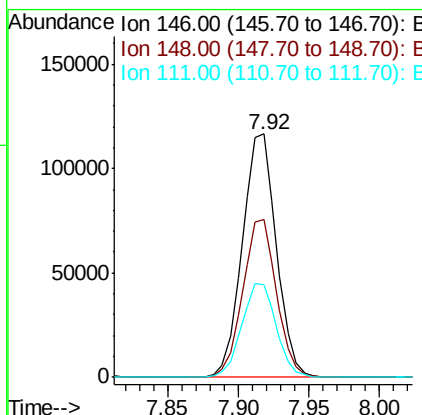
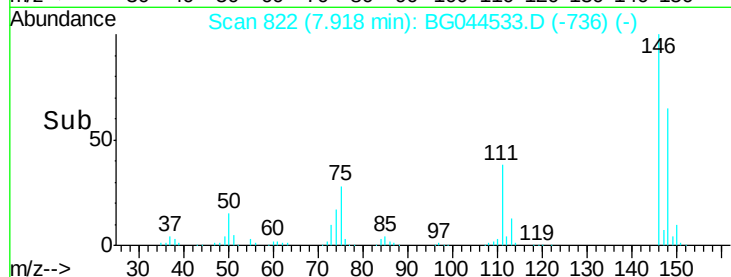
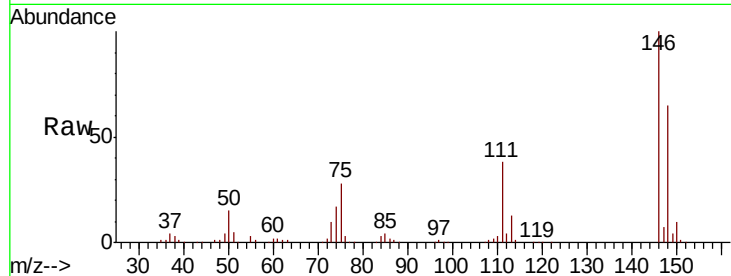
#13
 1,4-Dichlorobenzene
 Concen: 47.055 ng
 RT: 7.92 min Scan# 822
 Delta R.T. -0.02 min
 Lab File: BG044533.D
 Acq: 20 Feb 2020 23:11

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-C2-C3-C2A-C3AMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.4	77.0
111	38.0	31.8	47.8

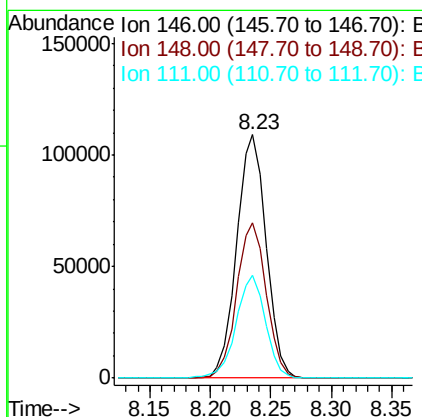
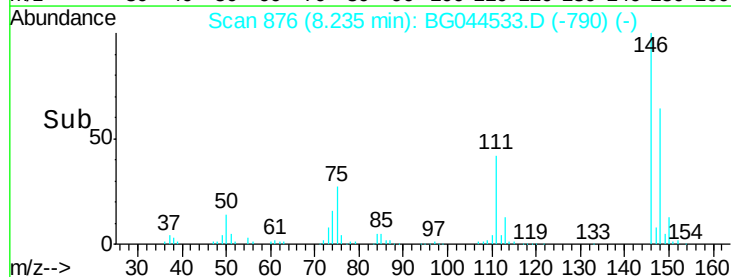
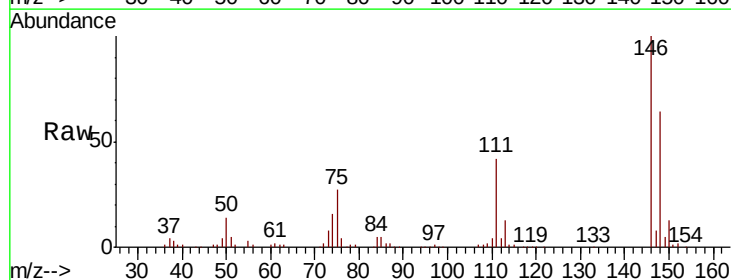
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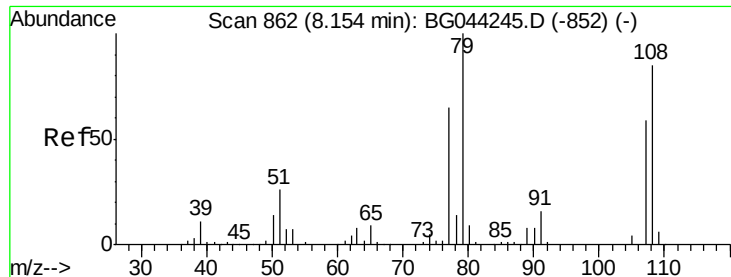
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 47.013 ng
 RT: 8.23 min Scan# 876
 Delta R.T. -0.02 min
 Lab File: BG044533.D
 Acq: 20 Feb 2020 23:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.2	76.8
111	42.1	34.0	51.0





#15

Benzyl Alcohol

Concen: 50.101 ng

RT: 8.12 min Scan# 856

Delta R.T. -0.02 min

Lab File: BG044533.D

Acq: 20 Feb 2020 23:11

Instrument :

BNA_G

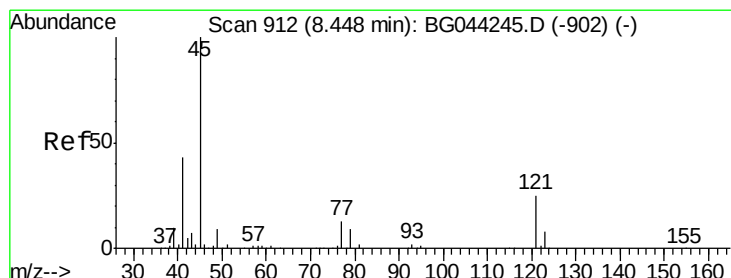
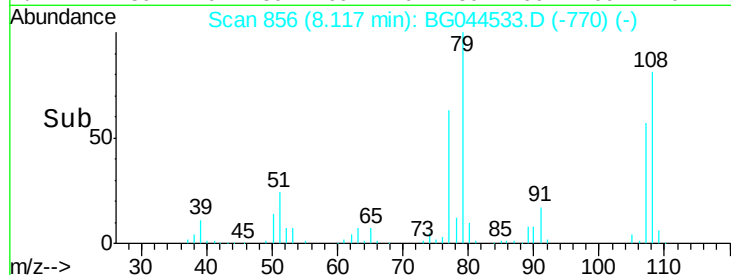
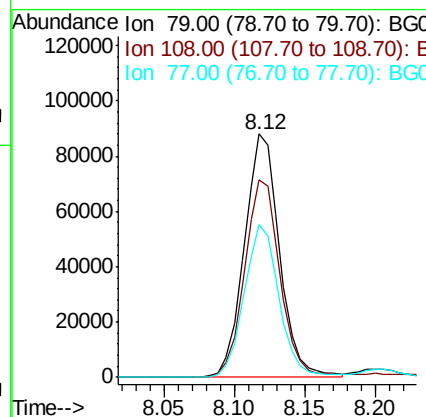
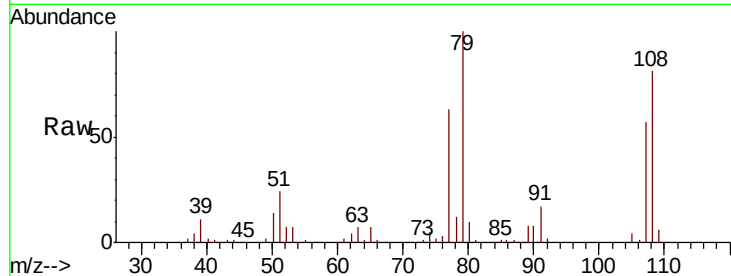
ClientSampleId :

FK-BPM-01-C2-C3-C2A-C3AMSD

Tot Ion:	79	Resp:	153490
Ion	Ratio	Lower	Upper
79	100		
108	80.9	68.3	102.5
77	63.0	51.8	77.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 43.954 ng

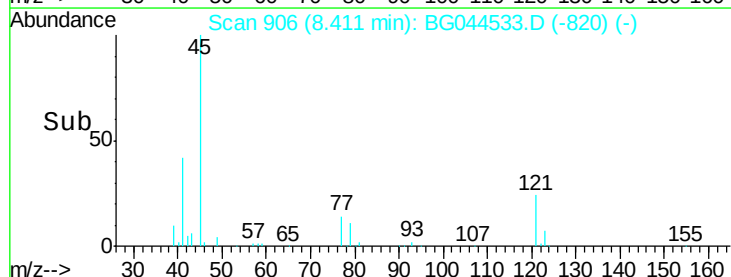
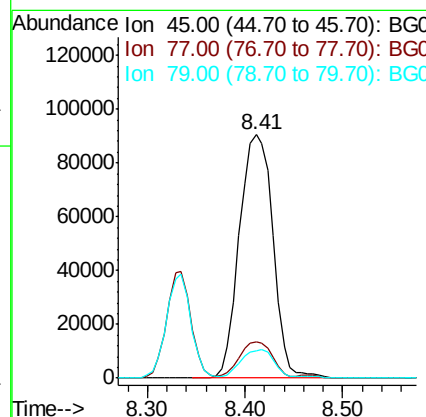
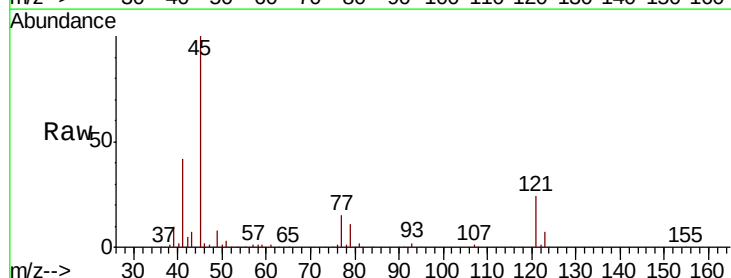
RT: 8.41 min Scan# 906

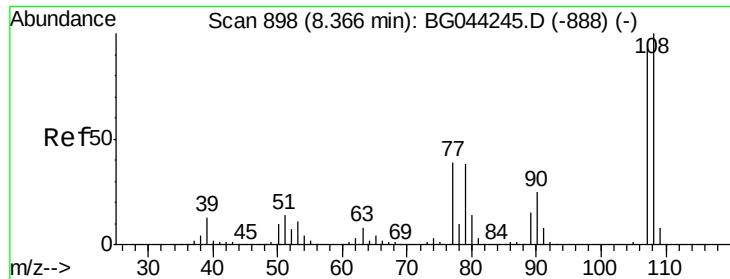
Delta R.T. -0.02 min

Lab File: BG044533.D

Acq: 20 Feb 2020 23:11

Tgt Ion:	45	Resp:	217813
Ion	Ratio	Lower	Upper
45	100		
77	14.7	0.0	35.2
79	11.2	0.0	31.1





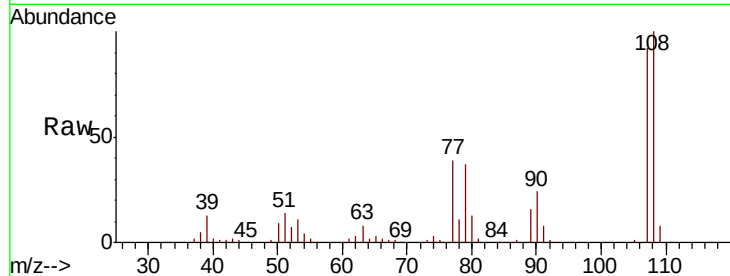
#17
2-Methylphenol
Concen: 53.167 ng
RT: 8.33 min Scan# 892
Delta R.T. -0.02 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-C2-C3-C2A-C3AMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.0	86.4	129.6	
77	42.8	34.0	51.0	
79	40.5	32.9	49.3	

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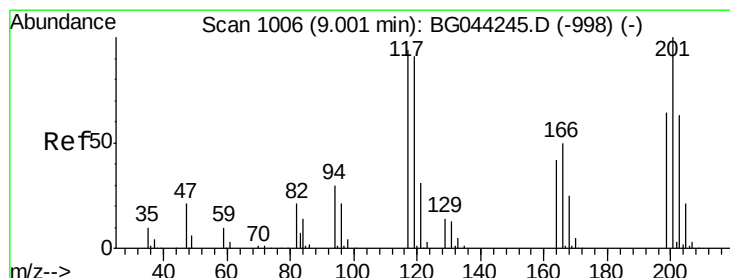
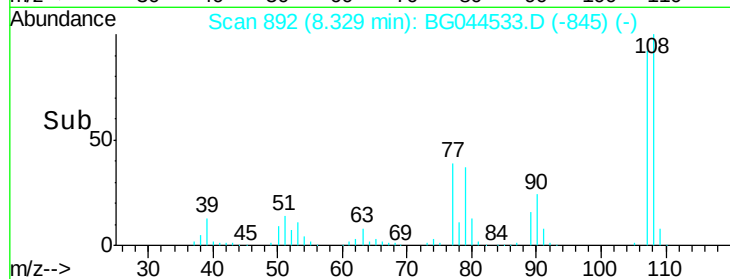
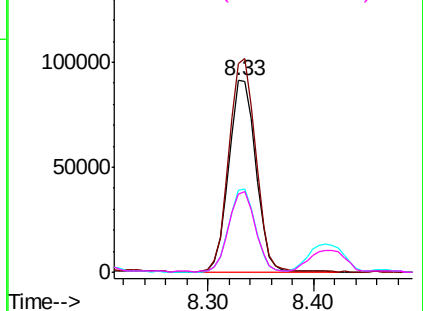
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

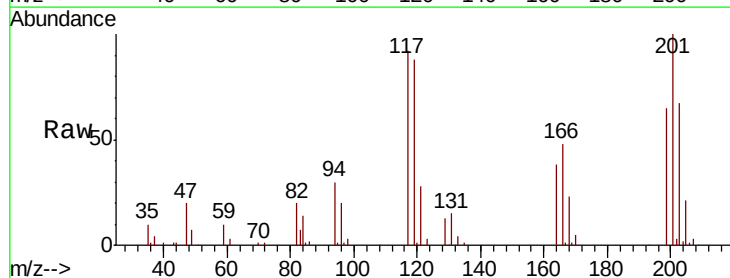
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 45.301 ng
RT: 8.96 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.5	77.5	116.3	
201	109.0	84.9	127.3	

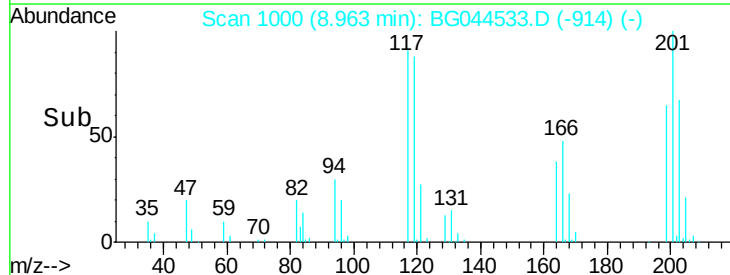
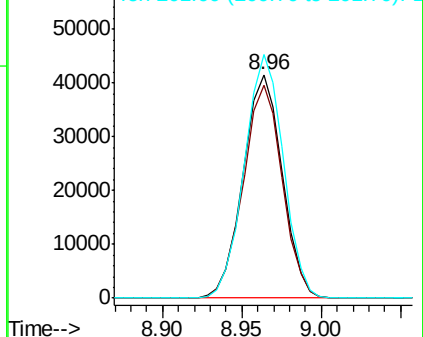


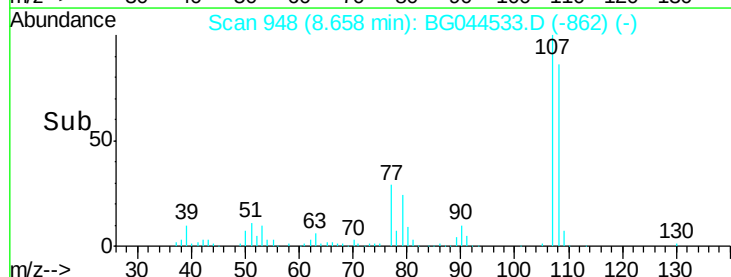
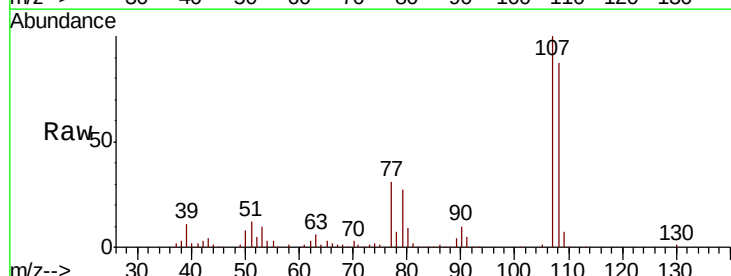
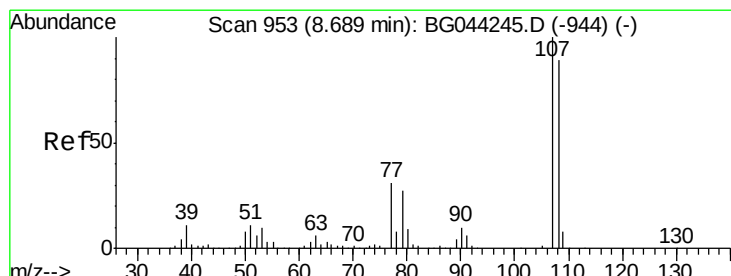
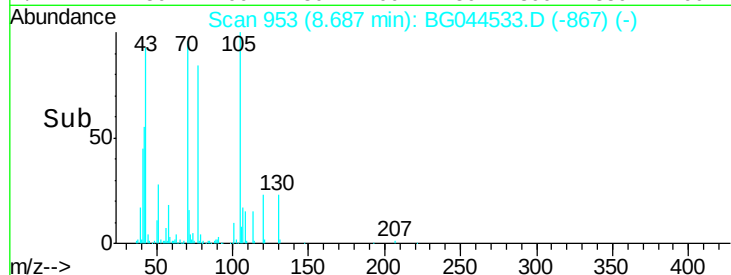
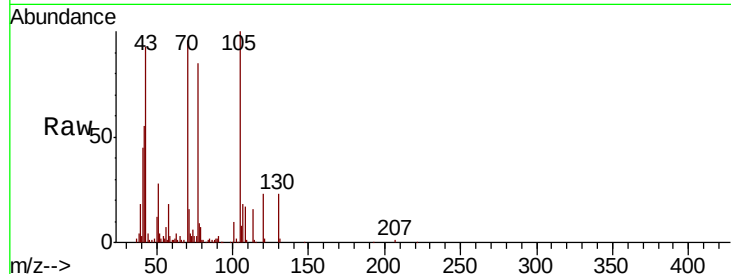
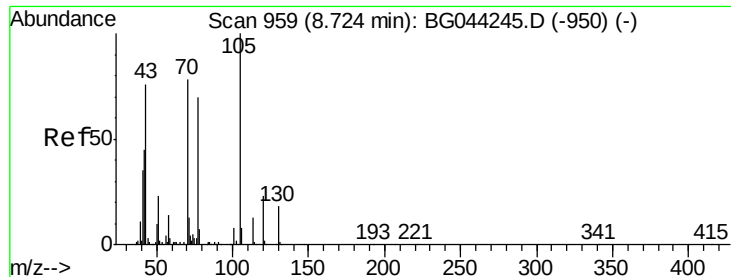
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

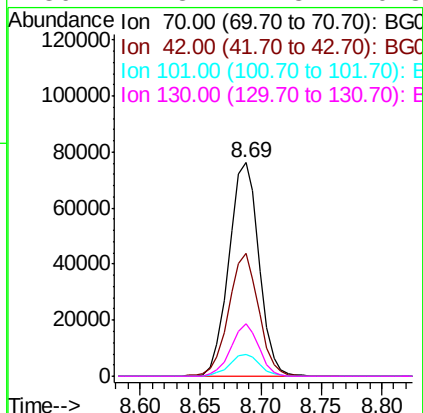
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 45.753 ng
RT: 8.69 min Scan# 953
Delta R.T. -0.02 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

Tot Ion	Ratio	Lower	Upper
70	100		
42	57.8	46.2	69.2
101	10.1	8.4	12.6
130	24.3	17.8	26.8



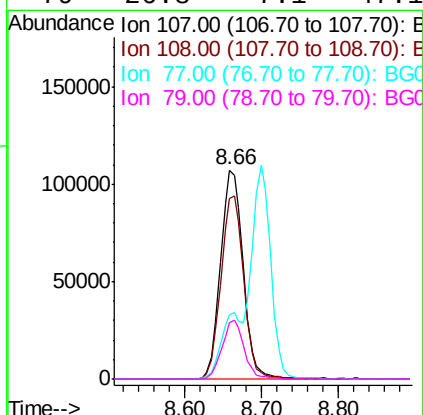
Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-C2-C3-C2A-C3AMSD

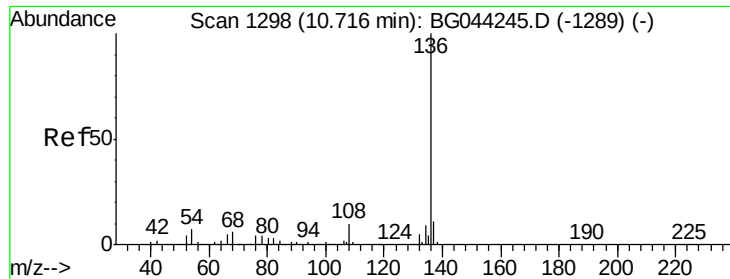
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#20
3+4-Methylphenols
Concen: 51.907 ng
RT: 8.66 min Scan# 948
Delta R.T. -0.02 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.7	68.5	108.5
77	30.5	10.9	50.9
79	26.8	7.1	47.1





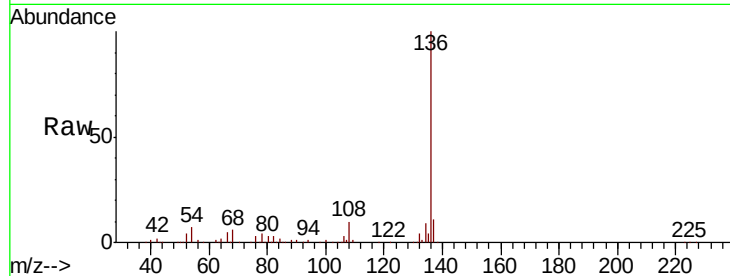
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.68 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-C2-C3-C2A-C3AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		241477		
137	11.0		8.8	13.2	
54	6.8		5.8	8.8	
68	5.9		4.6	6.8	

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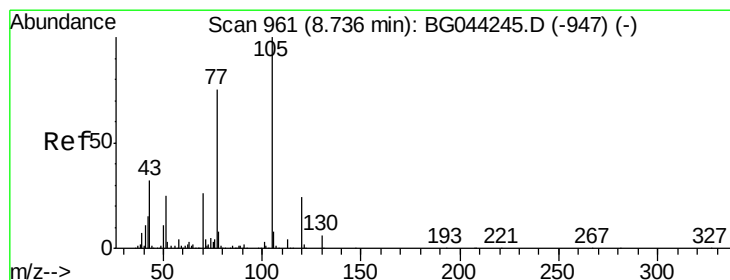
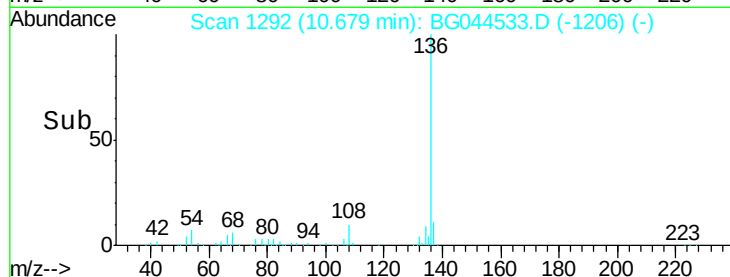
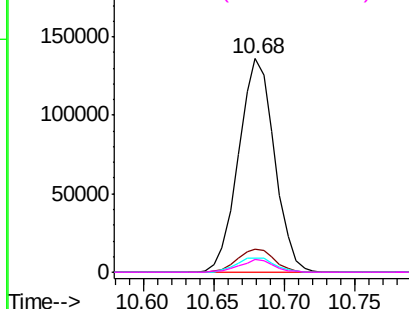
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 42.967 ng
RT: 8.70 min Scan# 955
Delta R.T. -0.02 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		252404		
71	4.7		3.4	5.0	
51	24.2		20.2	30.4	
120	23.4		19.1	28.7	

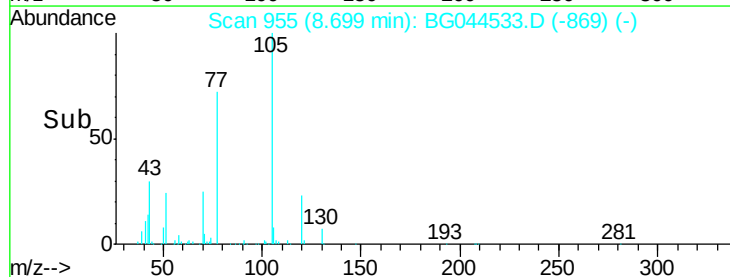
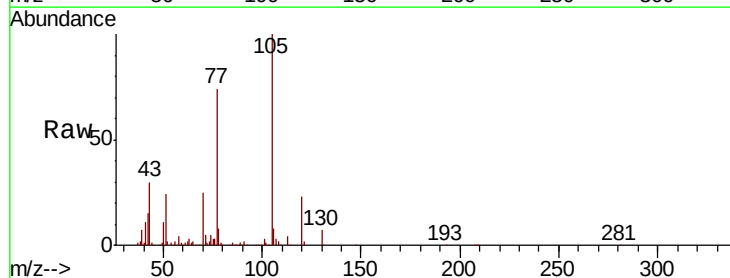
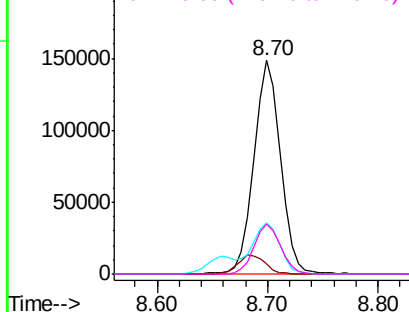
Abundance

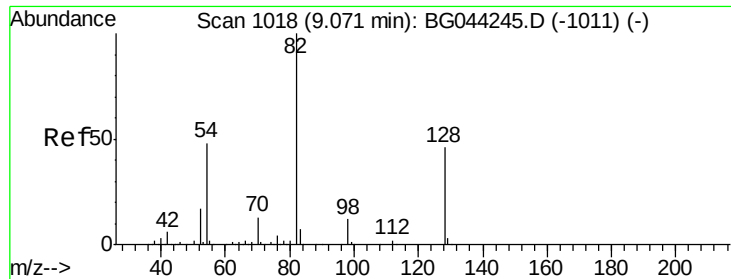
Ion 105.00 (104.70 to 105.70): E

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





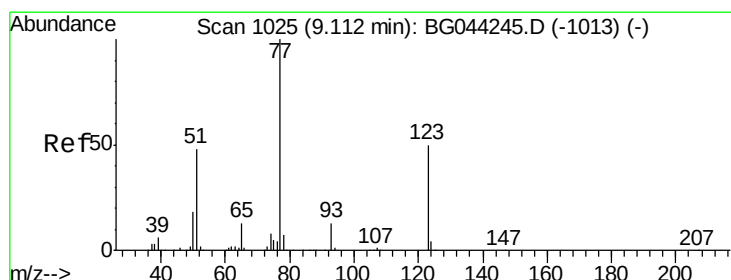
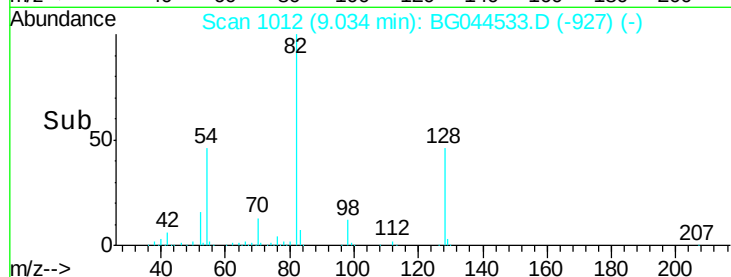
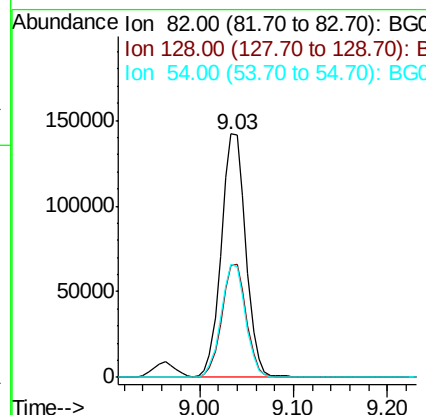
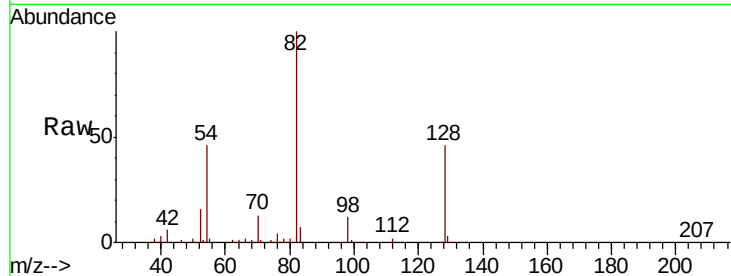
#23
Nitrobenzene-d5
Concen: 60.690 ng
RT: 9.03 min Scan# 1012
Delta R.T. -0.03 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-C2-C3-C2A-C3AMSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	259585		
128	46.0		36.5	54.7
54	46.3		38.6	58.0

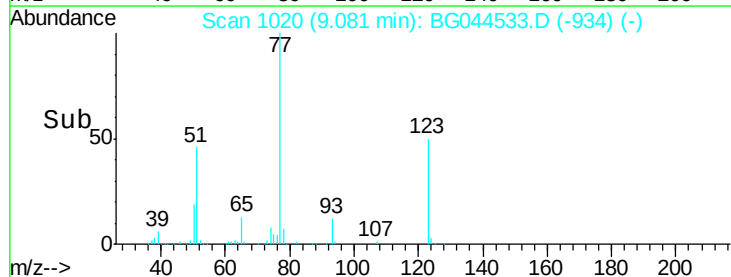
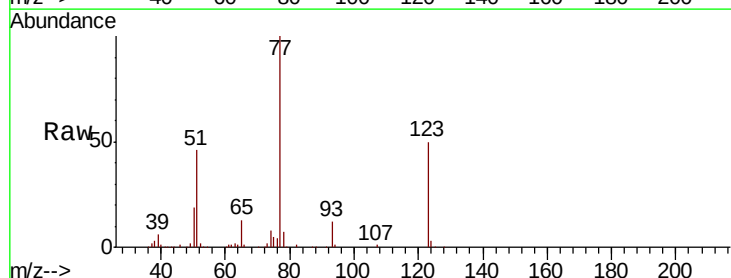
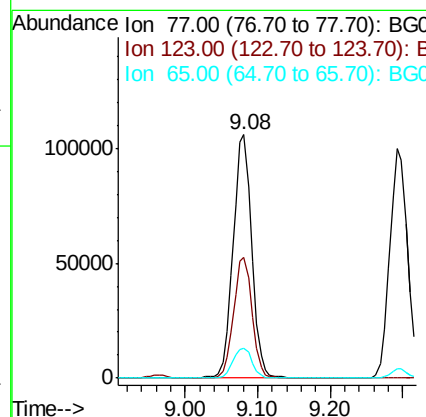
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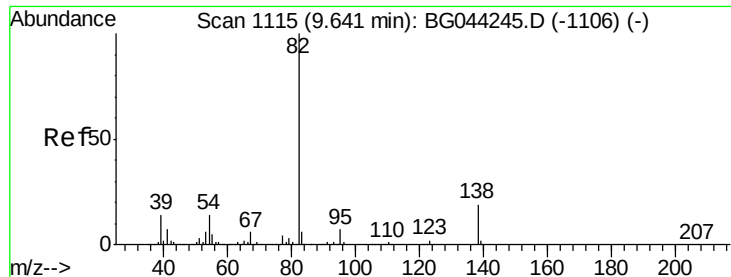
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#24
Nitrobenzene
Concen: 45.456 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	189810		
123	49.6		39.9	59.9
65	12.5		10.4	15.6





#25

Isophorone

Concen: 45.795 ng

RT: 9.60 min Scan# 1109

Delta R.T. -0.03 min

Lab File: BG044533.D

Acq: 20 Feb 2020 23:11

Instrument :

BNA_G

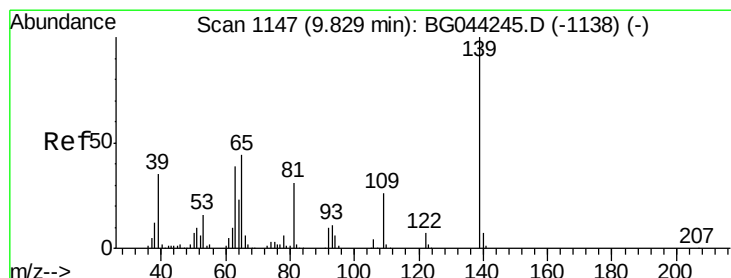
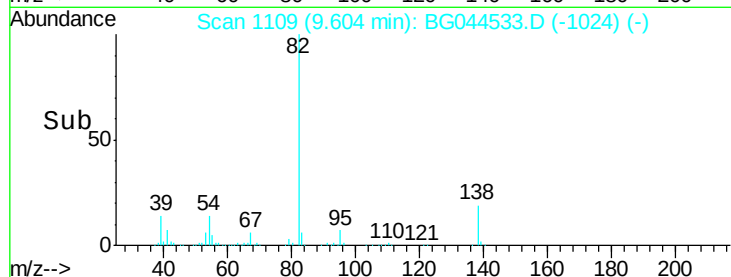
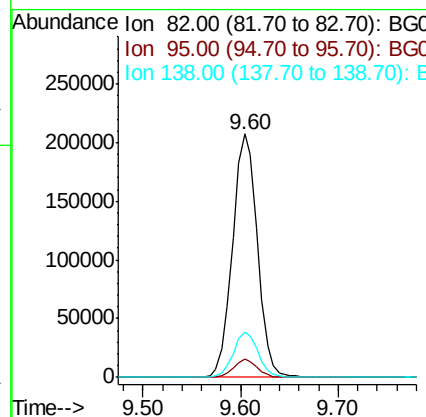
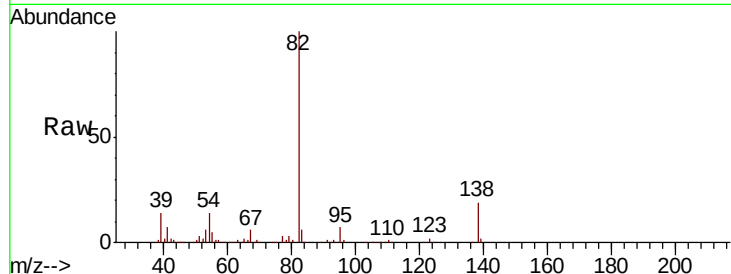
ClientSampleId :

FK-BPM-01-C2-C3-C2A-C3AMSD

Tot Ion:	82	Resp:	365090
Ion Ratio	Lower	Upper	
82	100		
95	7.4	5.7	8.5
138	18.8	15.0	22.4

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#26

2-Nitrophenol

Concen: 49.598 ng

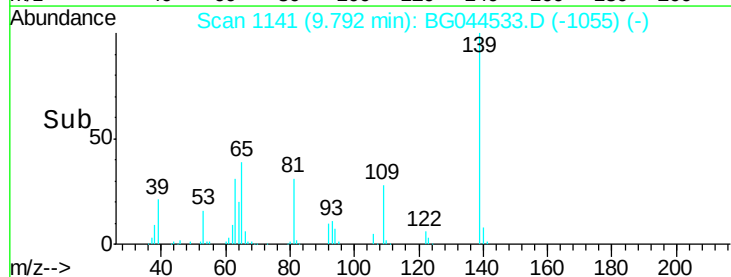
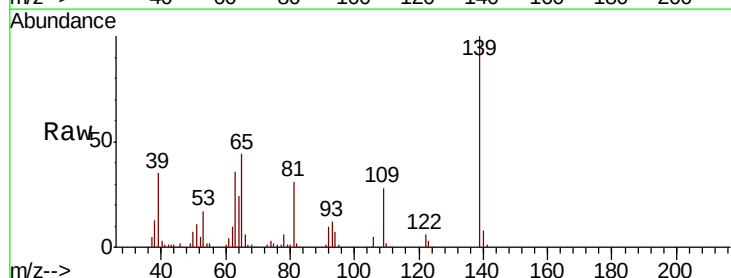
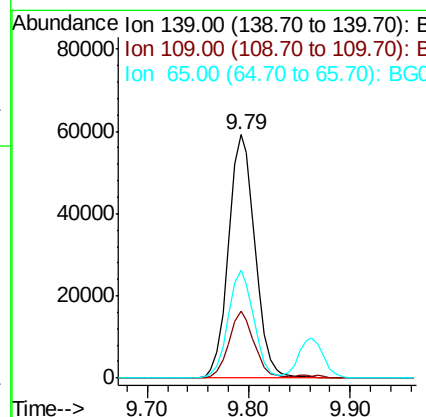
RT: 9.79 min Scan# 1141

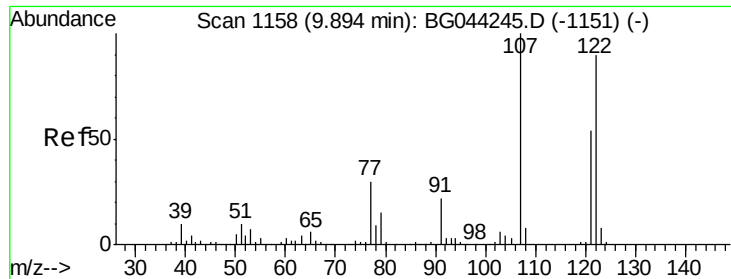
Delta R.T. -0.02 min

Lab File: BG044533.D

Acq: 20 Feb 2020 23:11

Tgt Ion:	139	Resp:	107464
Ion Ratio	Lower	Upper	
139	100		
109	27.6	21.0	31.4
65	44.1	35.0	52.4





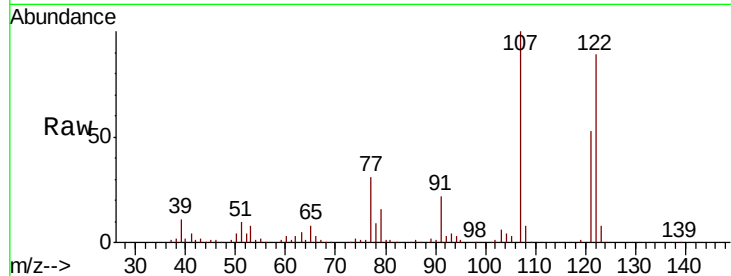
#27
2,4-Dimethylphenol
Concen: 58.829 ng
RT: 9.86 min Scan# 1153
Delta R.T. -0.02 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-C2-C3-C2A-C3AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		179928		
107	111.9	88.8	133.2		
121	59.6	48.3	72.5		

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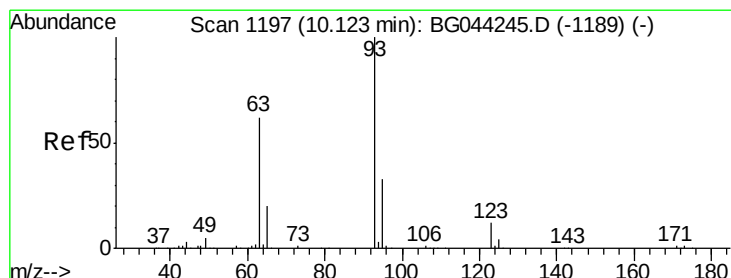
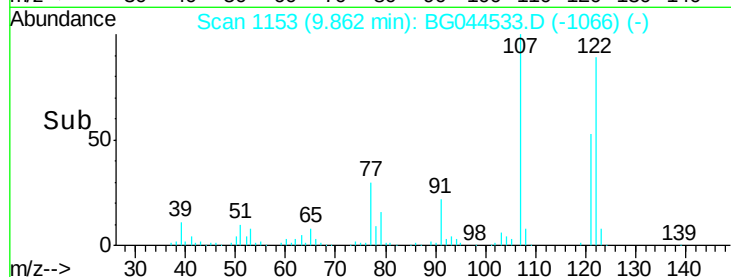
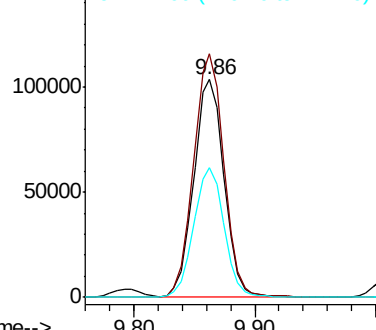


Abundance

Ion 122.00 (121.70 to 122.70): E

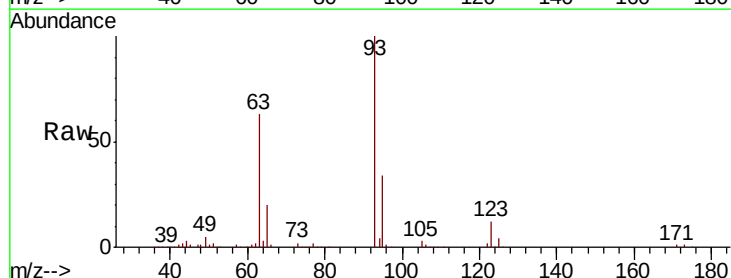
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 43.405 ng
RT: 10.09 min Scan# 1191
Delta R.T. -0.03 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		230836		
95	33.7	26.6	40.0		
123	12.4	10.0	15.0		

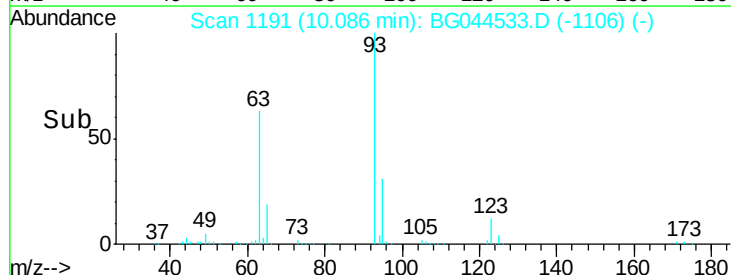
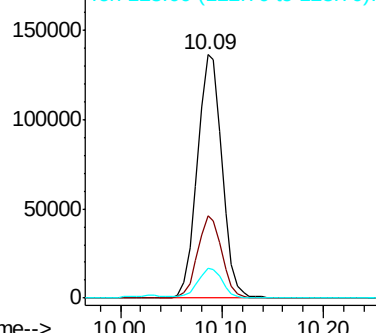


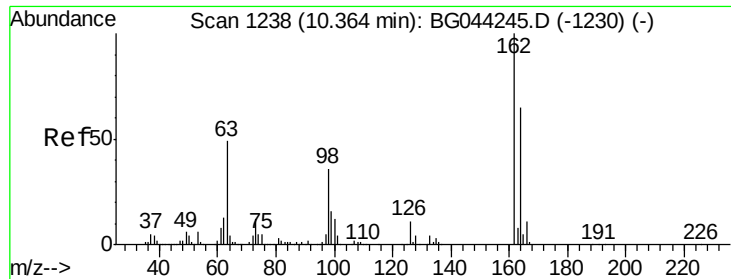
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





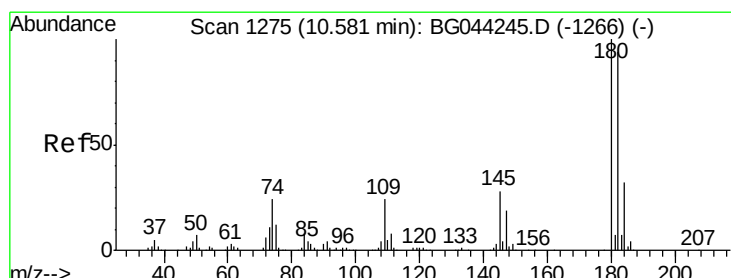
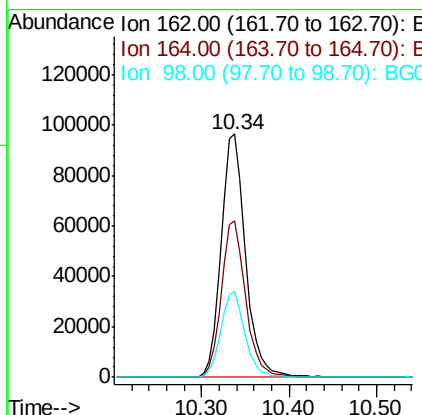
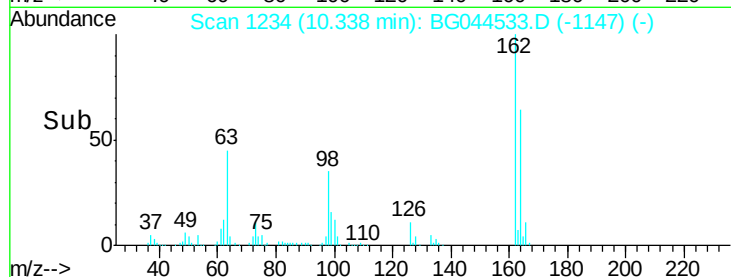
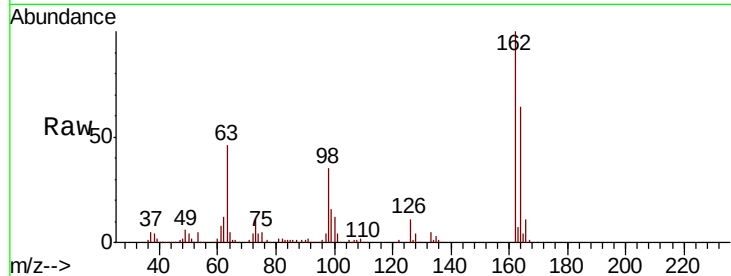
#29
2,4-Dichlorophenol
Concen: 50.248 ng
RT: 10.34 min Scan# 1234
Delta R.T. -0.02 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-C2-C3-C2A-C3AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		185830		
164	64.3	44.7	84.7		
98	35.4	15.8	55.8		

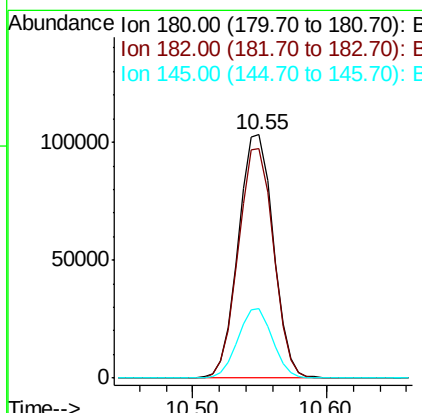
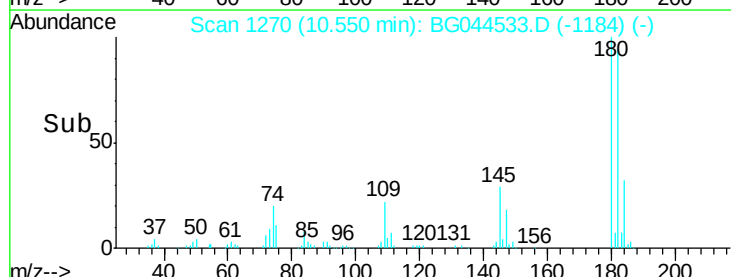
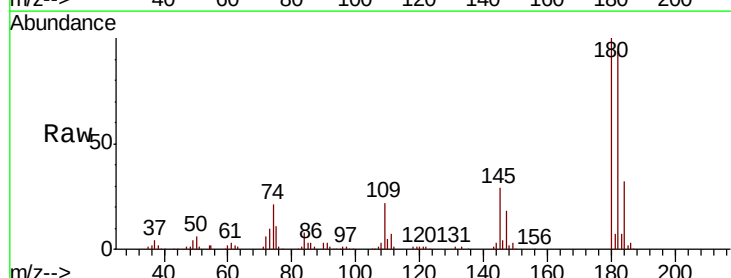
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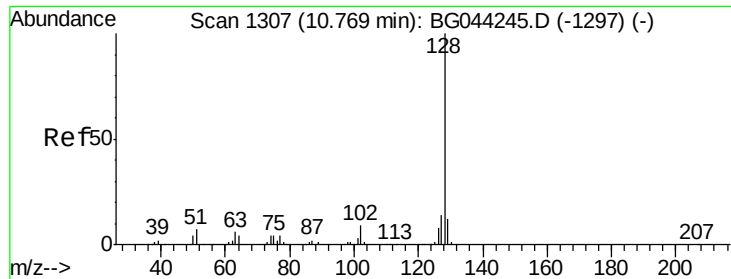
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 44.301 ng
RT: 10.55 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		187861		
182	94.2	75.5	113.3		
145	28.8	22.6	34.0		





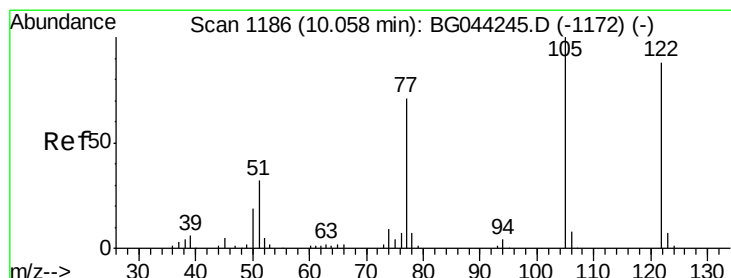
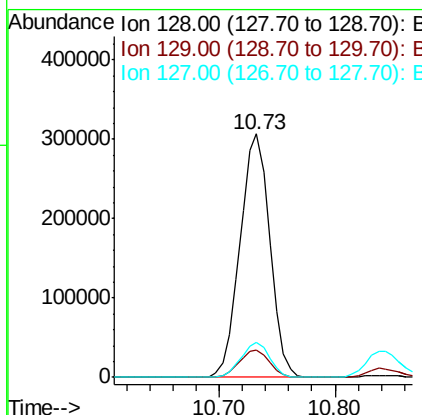
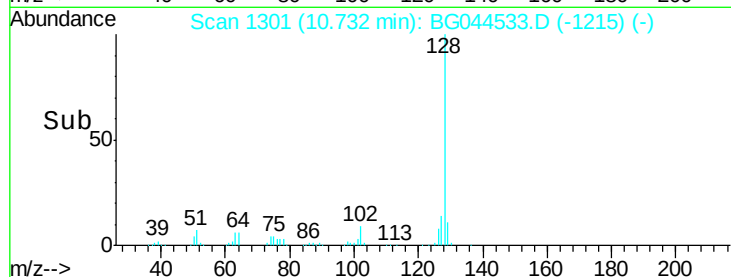
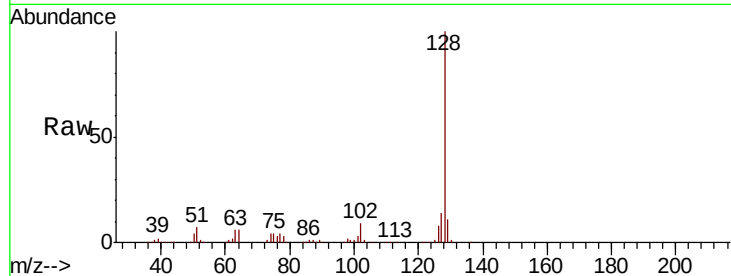
#31
Naphthalene
Concen: 46.847 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-C2-C3-C2A-C3AMSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.4	9.3	13.9	
127	14.4	11.6	17.4	

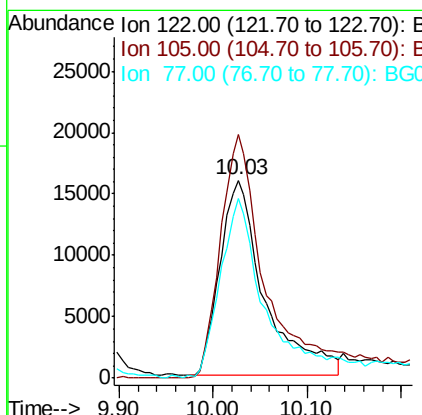
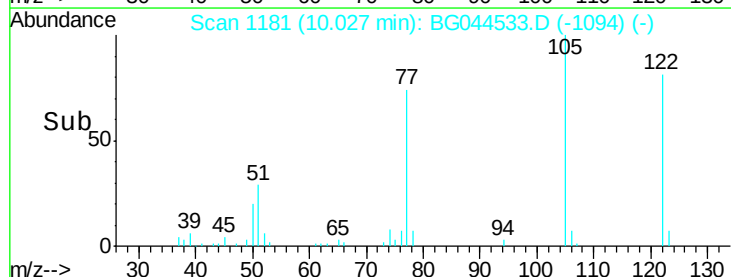
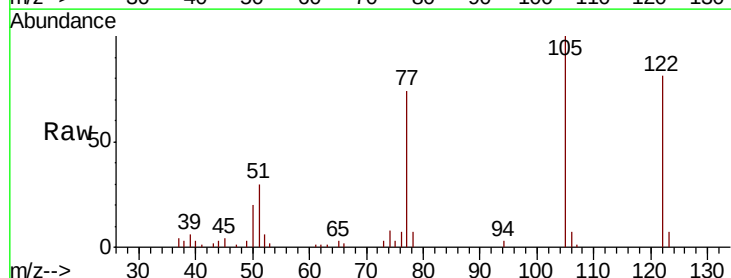
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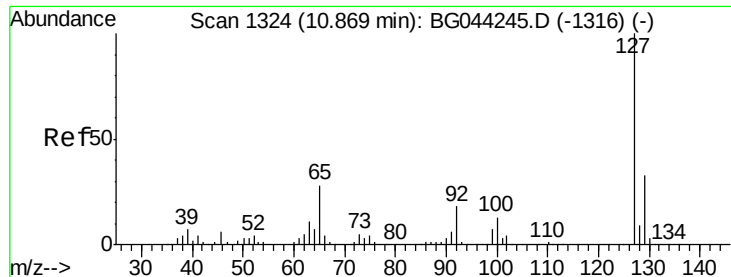
mohammad
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#32
Benzoic acid
Concen: 32.593 ng
RT: 10.03 min Scan# 1181
Delta R.T. -0.02 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	123.2	93.5	133.5	
77	90.9	61.0	101.0	





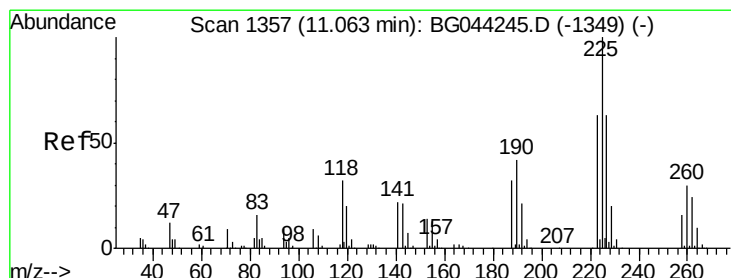
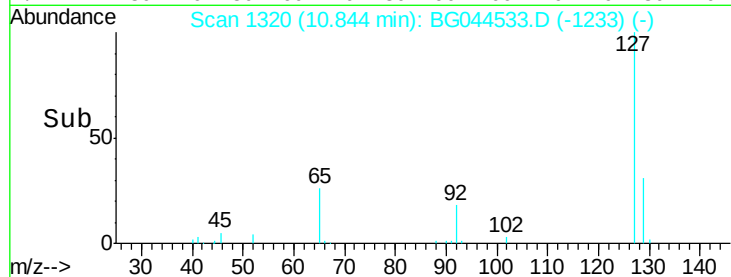
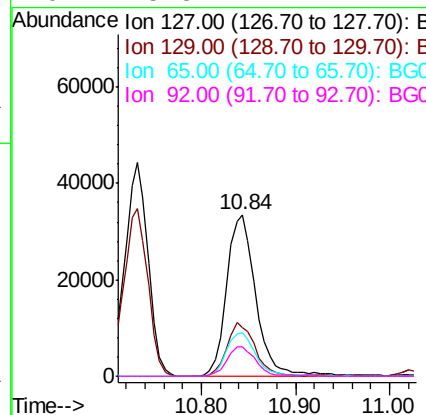
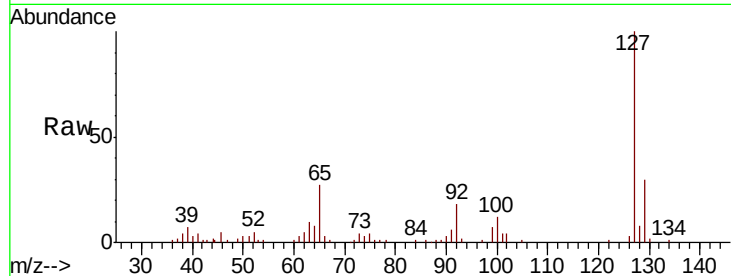
#33
4-Chloroaniline
Concen: 13.557 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-C2-C3-C2A-C3AMSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	30.5	26.6	40.0
65	26.8	22.5	33.7
92	18.3	14.1	21.1

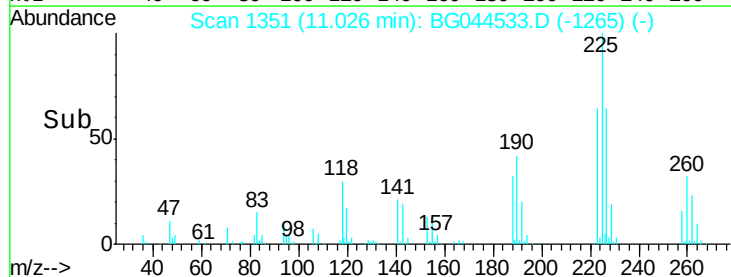
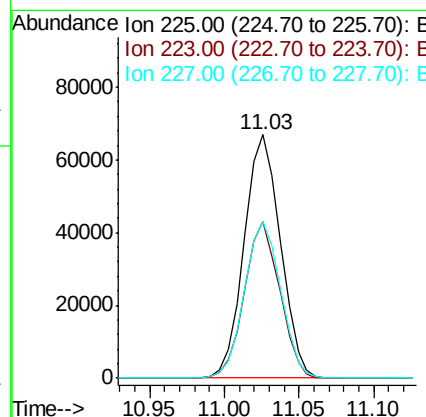
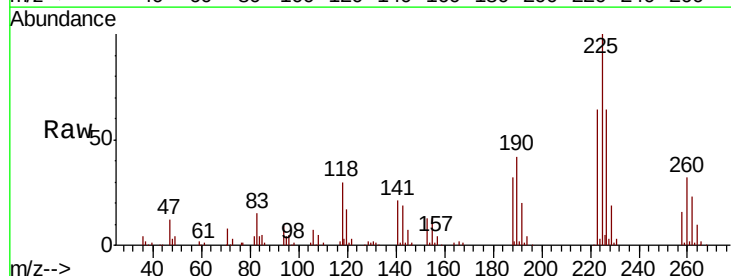
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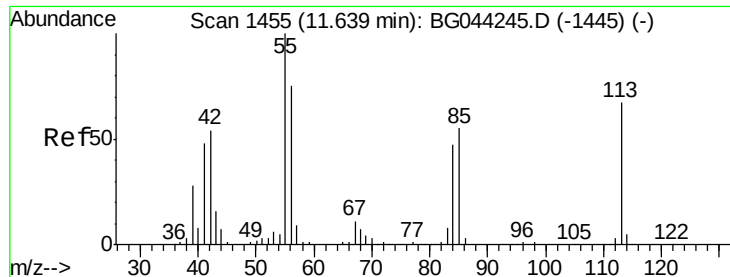
mohammad
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#34
Hexachlorobutadiene
Concen: 43.222 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.4	50.2	75.4
227	64.4	50.8	76.2





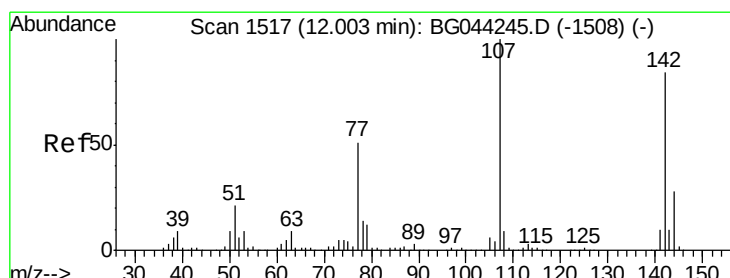
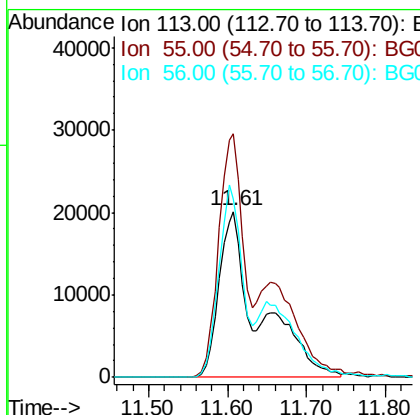
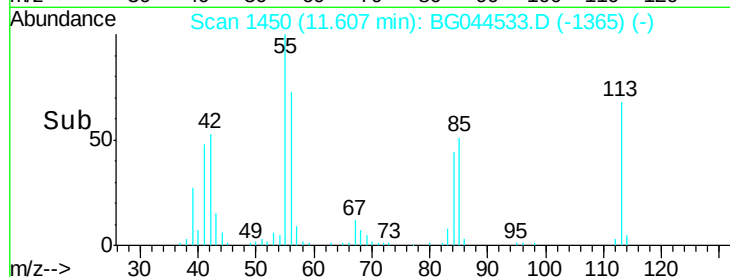
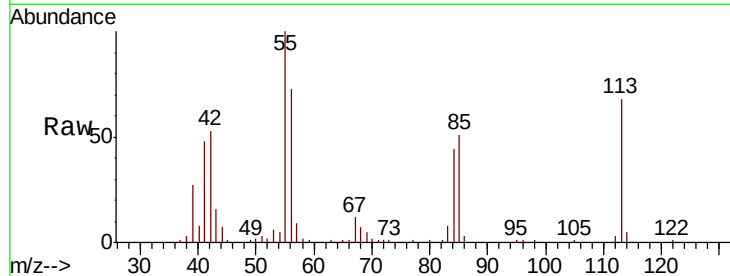
#35
 Caprolactam
 Concen: 51.879 ng/ml
 RT: 11.61 min Scan# 1450
 Delta R.T. -0.03 min
 Lab File: BG044533.D
 Acq: 20 Feb 2020 23:11

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-C2-C3-C2A-C3AMSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	146.9	129.9	169.9
56	107.6	92.5	132.5

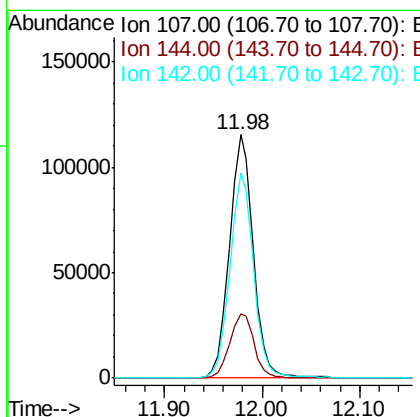
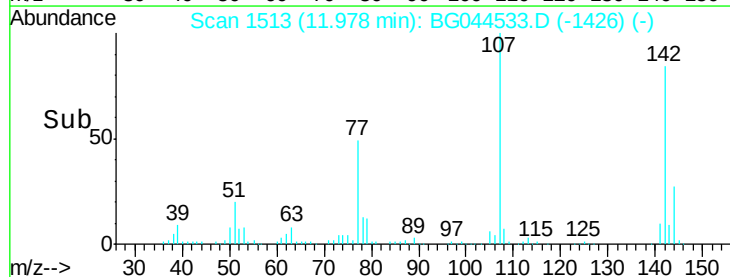
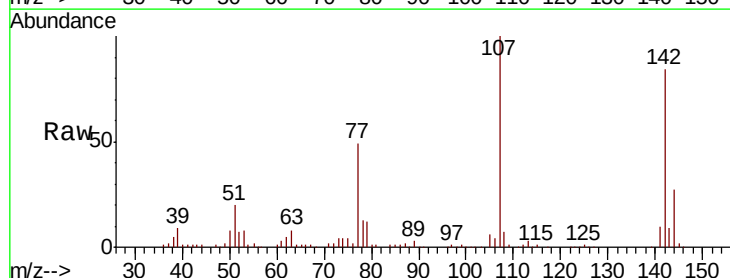
Manual Integrations
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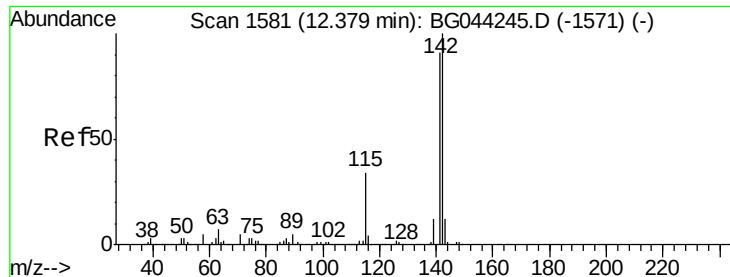
mohammad
 2/21/2020 2:17:55 PM



#36
 4-Chloro-3-methylphenol
 Concen: 50.211 ng/ml
 RT: 11.98 min Scan# 1513
 Delta R.T. -0.02 min
 Lab File: BG044533.D
 Acq: 20 Feb 2020 23:11

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.7	22.2	33.4
142	84.4	67.4	101.0





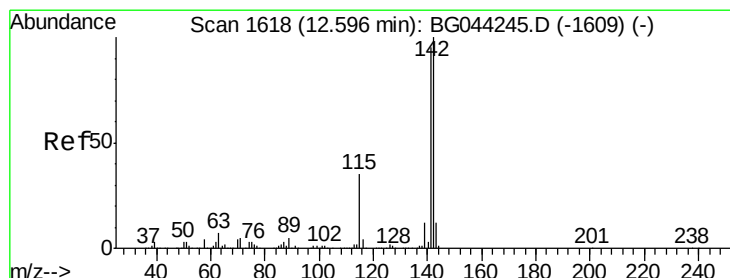
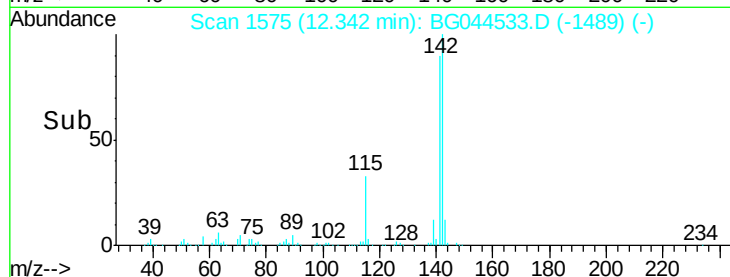
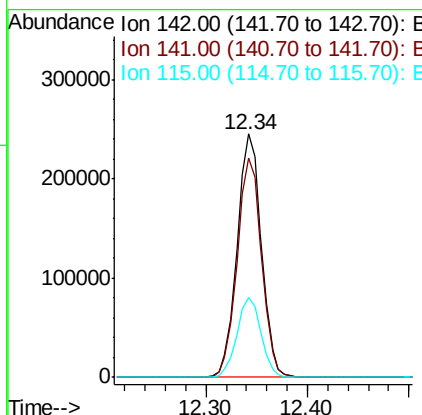
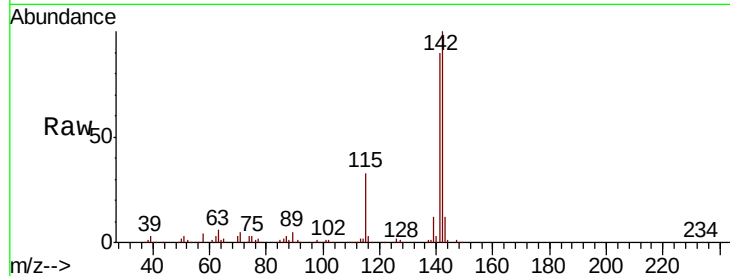
#37
2-Methylnaphthalene
Concen: 46.697 ng
RT: 12.34 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-C2-C3-C2A-C3AMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	73.2	109.8
115	33.0	27.1	40.7

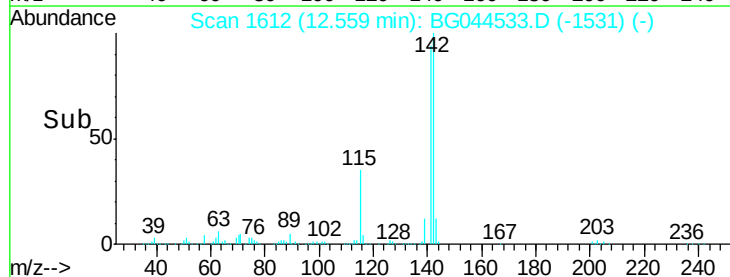
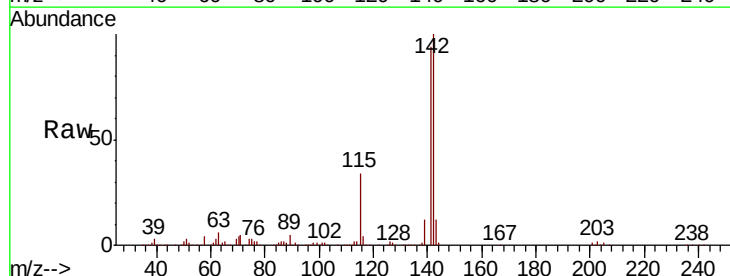
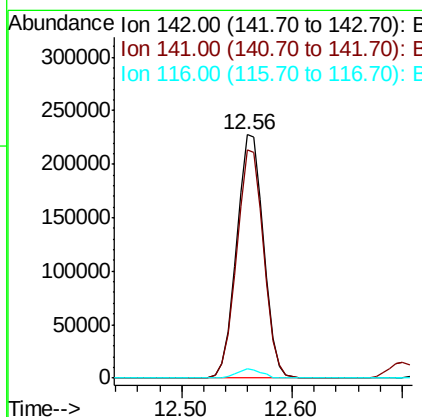
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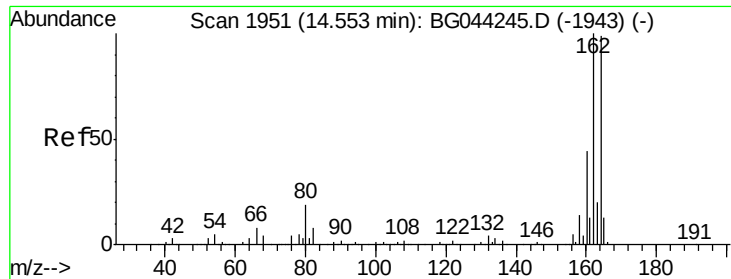
mohammad
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#38
1-Methylnaphthalene
Concen: 47.731 ng
RT: 12.56 min Scan# 1612
Delta R.T. -0.02 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.8	75.8	113.6
116	3.8	3.1	4.7





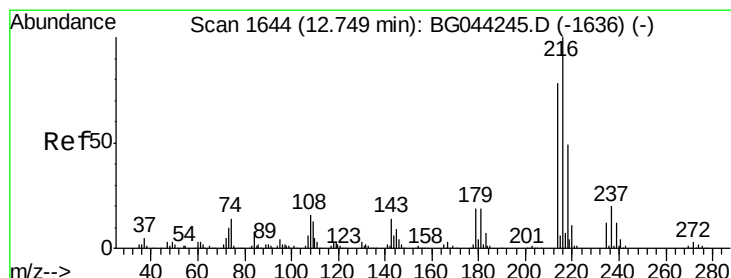
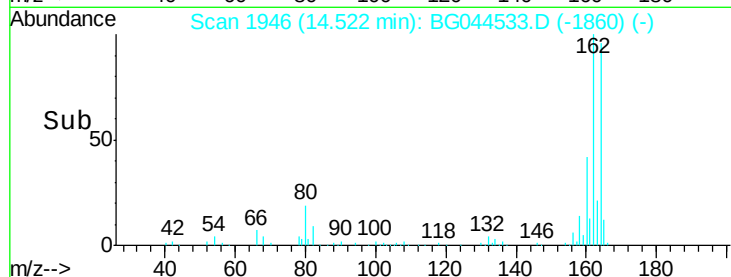
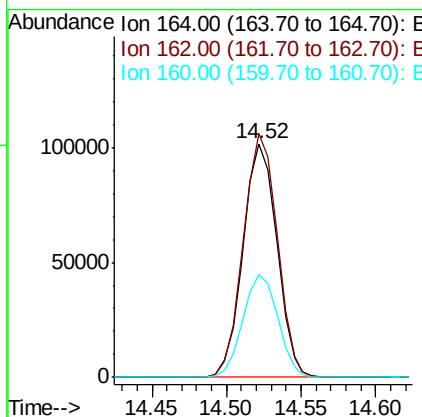
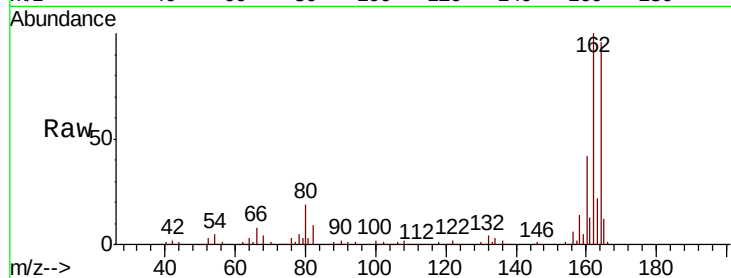
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.52 min Scan# 1946
Delta R.T. -0.02 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-C2-C3-C2A-C3AMSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.0	80.7	121.1	
160	44.0	35.3	52.9	

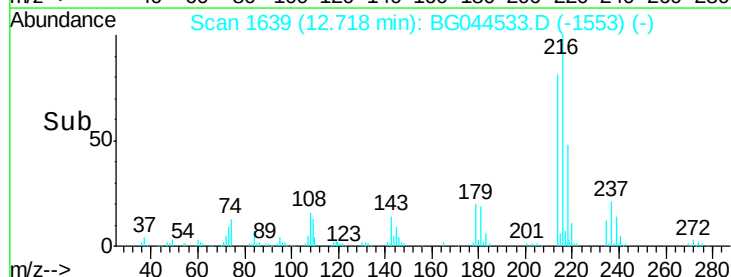
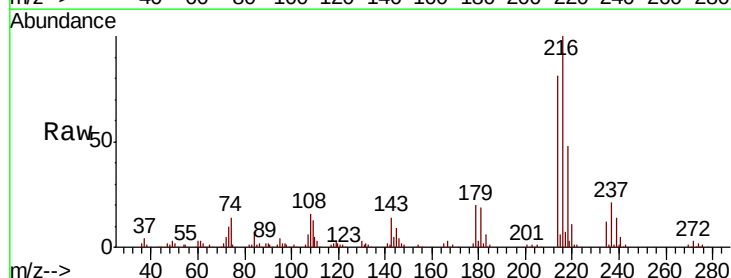
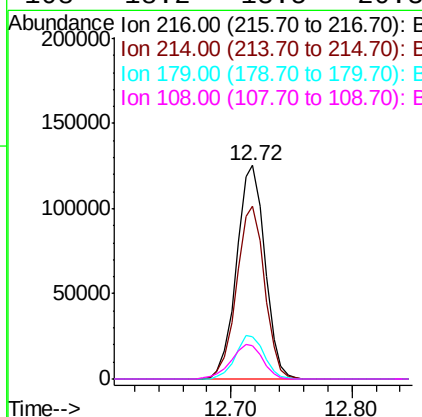
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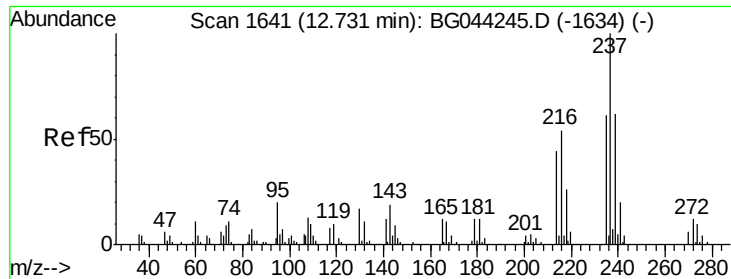
mohammad
2/21/2020 2:17:55 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.011 ng
RT: 12.72 min Scan# 1639
Delta R.T. -0.02 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	80.2	63.0	94.6	
179	20.7	16.2	24.4	
108	18.2	13.5	20.3	





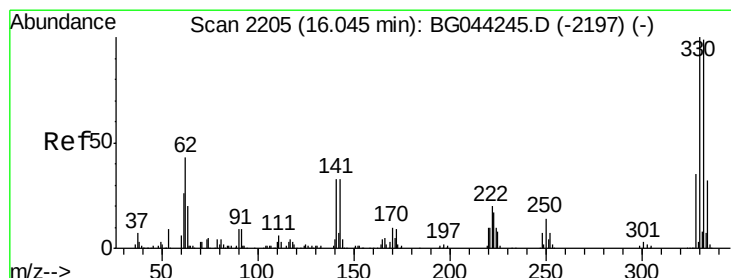
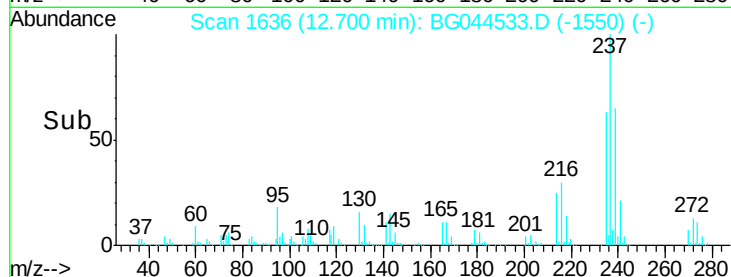
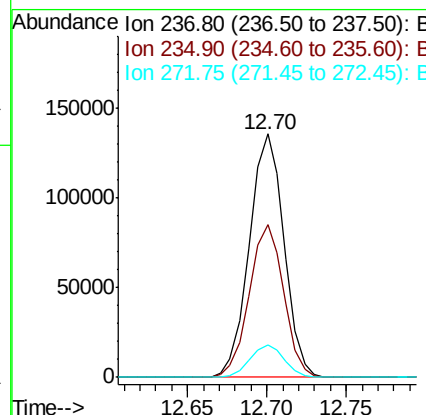
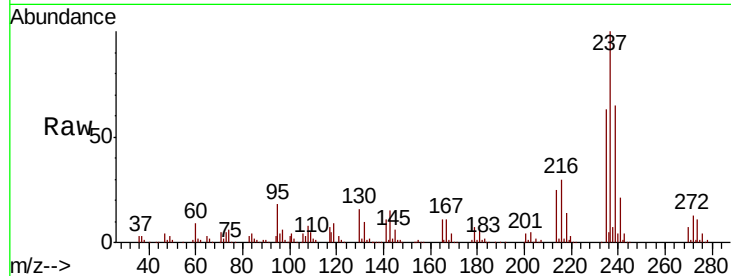
#41
Hexachlorocyclopentadiene
Concen: 89.907 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.02 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-C2-C3-C2A-C3AMSD

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	62.5	41.2	81.2
272	13.2	0.0	32.4

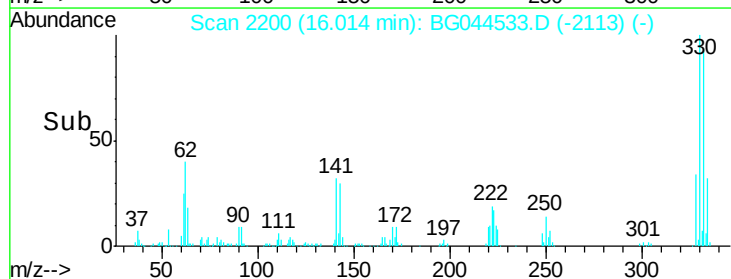
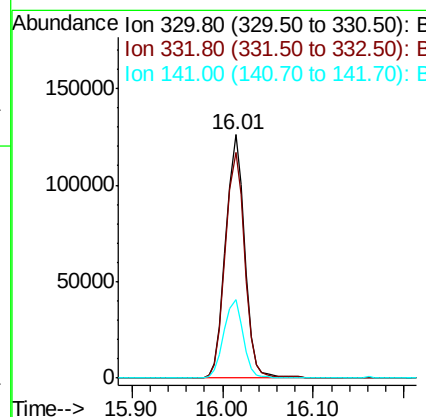
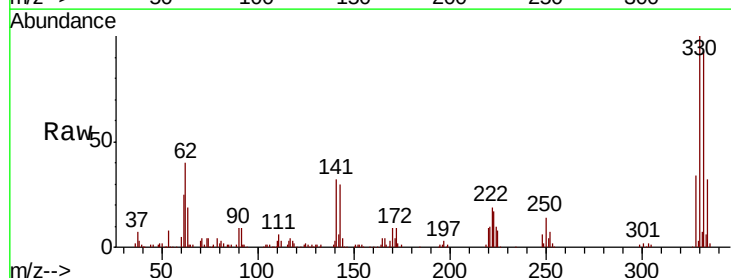
Manual Integrations
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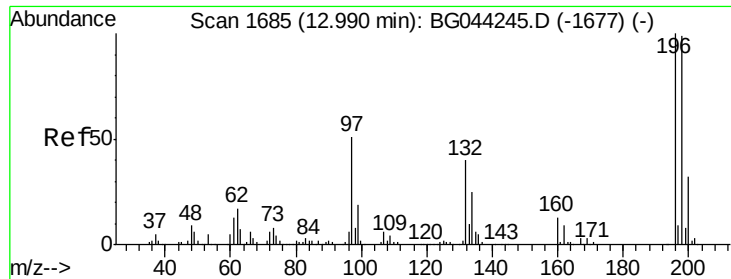
mohammad
2/21/2020 2:17:55 PM



#42
2,4,6-Tribromophenol
Concen: 98.267 ng
RT: 16.01 min Scan# 2200
Delta R.T. -0.02 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	94.6	77.2	115.8
141	32.7	28.3	42.5





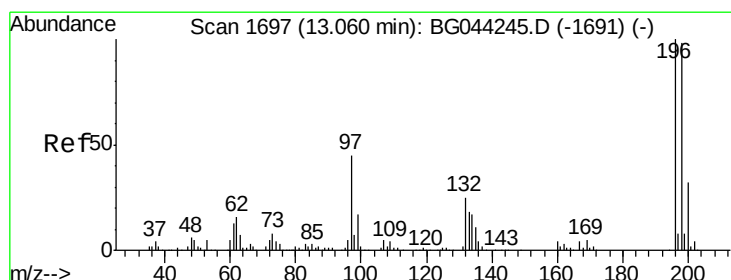
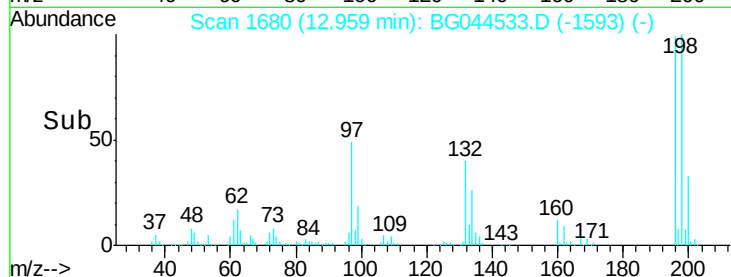
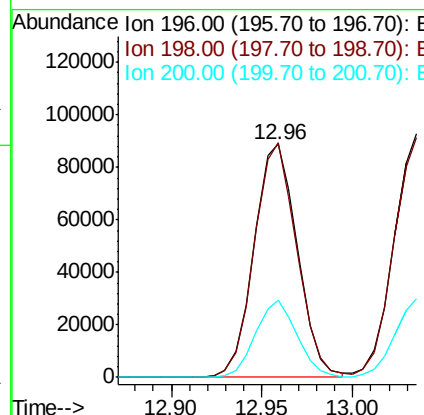
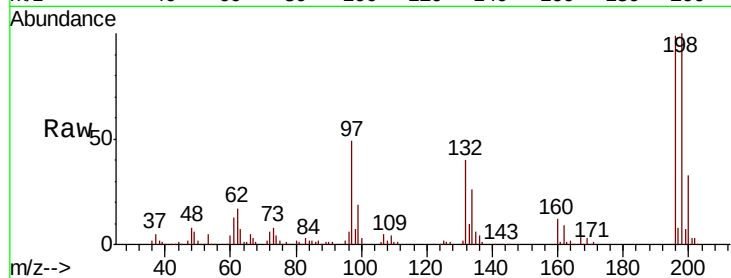
#43
 2,4,6-Trichlorophenol
 Concen: 47.716 ng
 RT: 12.96 min Scan# 1680
 Delta R.T. -0.02 min
 Lab File: BG044533.D
 Acq: 20 Feb 2020 23:11

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-C2-C3-C2A-C3AMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	147236		
198	100.8	79.3	118.9	
200	32.9	25.7	38.5	

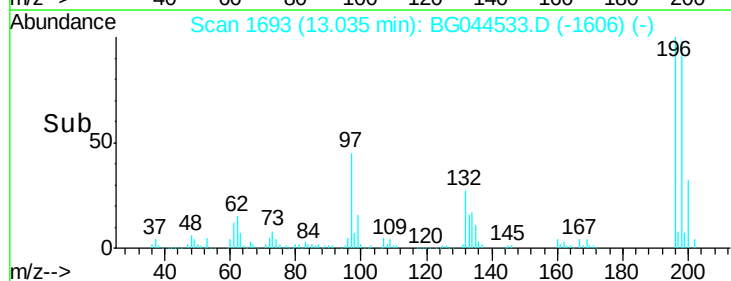
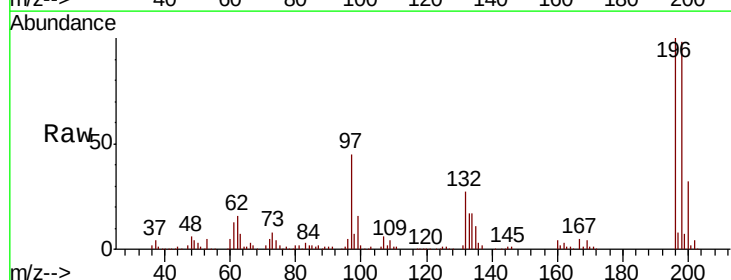
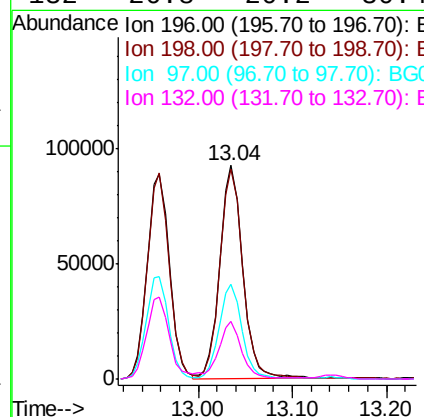
Manual Integrations
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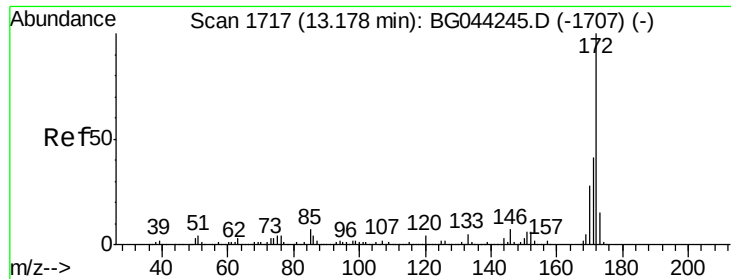
mohammad
 2/21/2020 2:17:55 PM



#44
 2,4,5-Trichlorophenol
 Concen: 50.424 ng
 RT: 13.04 min Scan# 1693
 Delta R.T. -0.02 min
 Lab File: BG044533.D
 Acq: 20 Feb 2020 23:11

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	158922		
198	98.3	78.2	117.2	
97	44.6	36.2	54.4	
132	26.8	20.2	30.4	





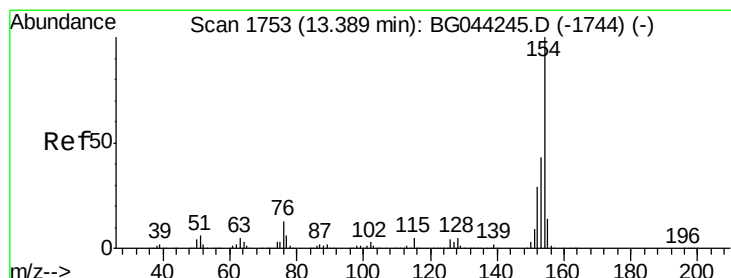
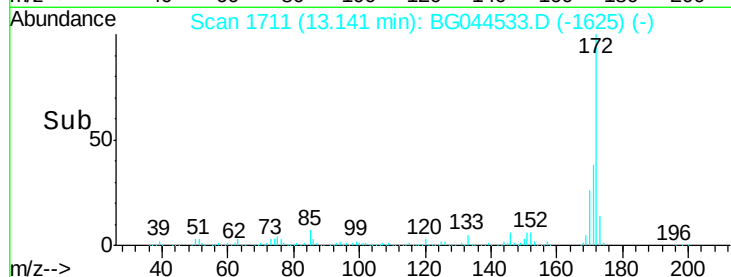
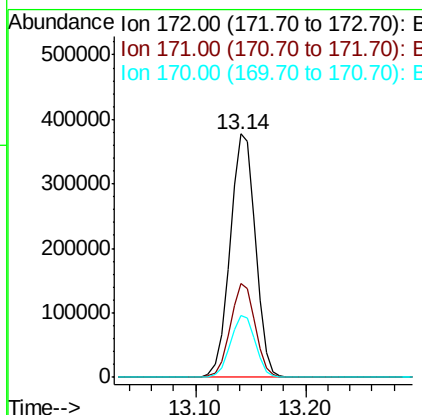
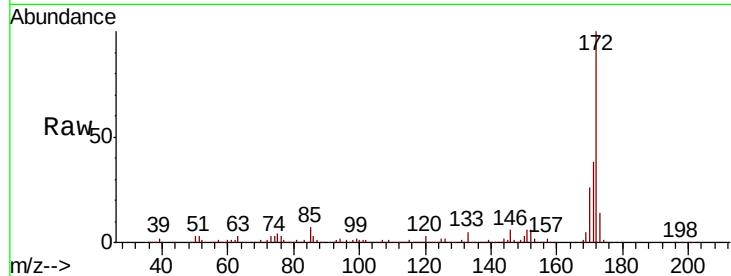
#45
2-Fluorobiphenyl
Concen: 63.630 ng
RT: 13.14 min Scan# 1711
Delta R.T. -0.02 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-C2-C3-C2A-C3AMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.4	32.9	49.3
170	25.6	22.0	33.0

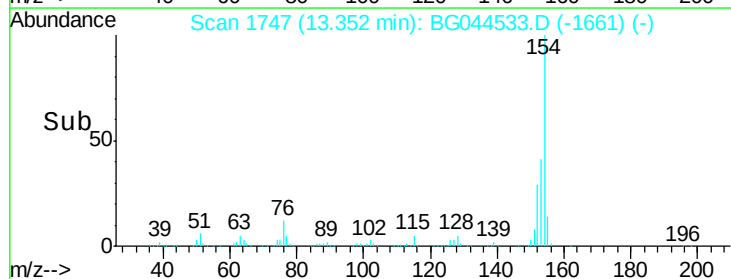
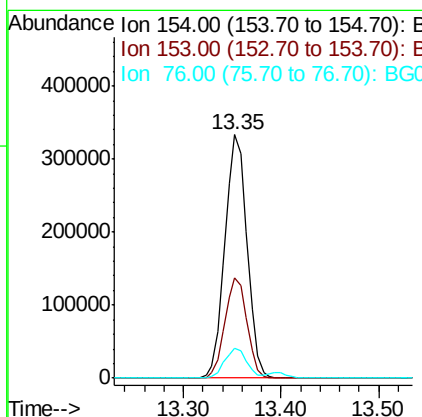
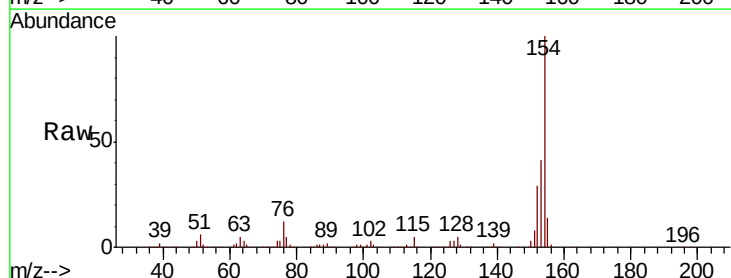
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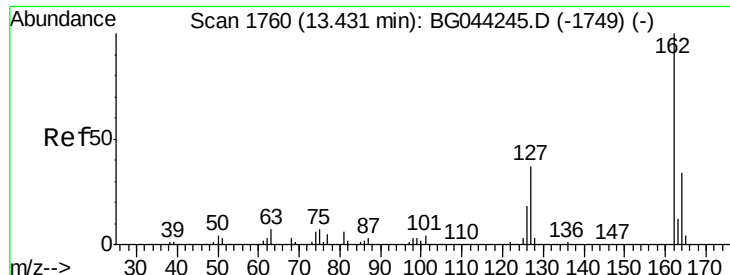
mohammad
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#46
1,1'-Biphenyl
Concen: 45.424 ng
RT: 13.35 min Scan# 1747
Delta R.T. -0.02 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	22.7	62.7
76	12.2	0.0	32.9





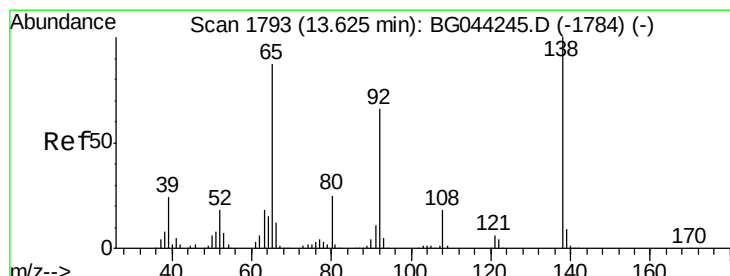
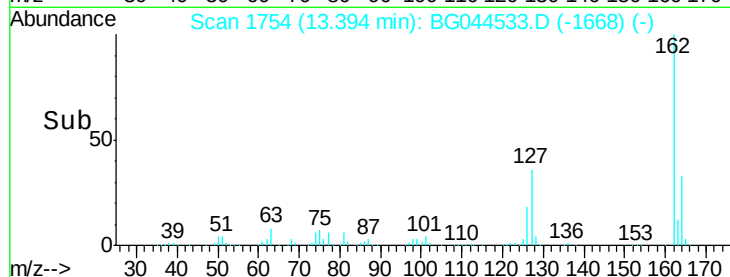
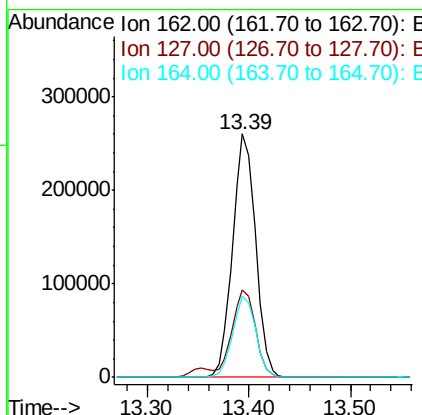
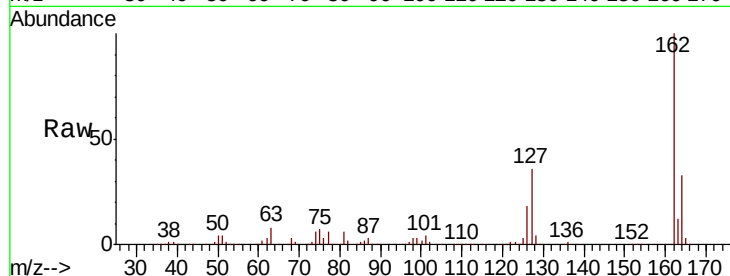
#47
 2-Chloronaphthalene
 Concen: 44.733 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG044533.D
 Acq: 20 Feb 2020 23:11

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-C2-C3-C2A-C3AMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	409761		
127	36.2		30.0	45.0
164	33.4		27.2	40.8

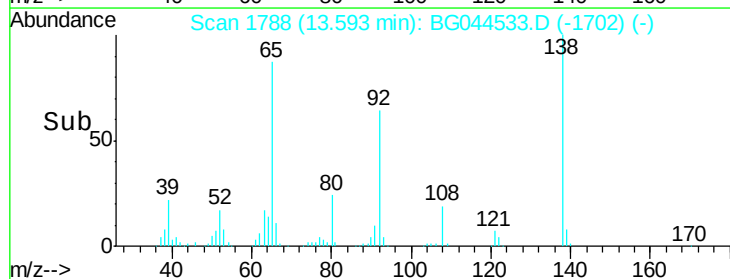
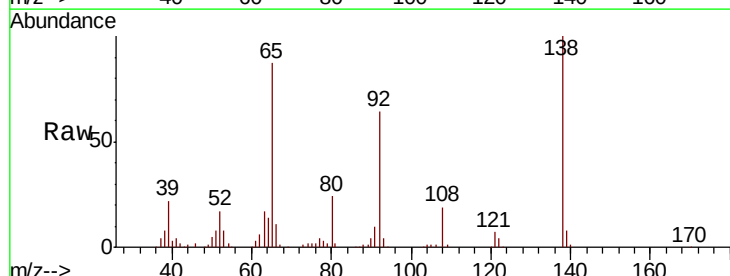
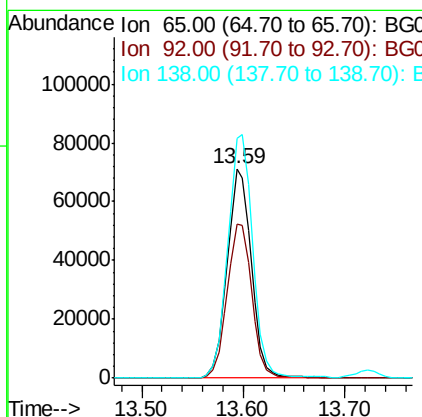
Manual Integrations
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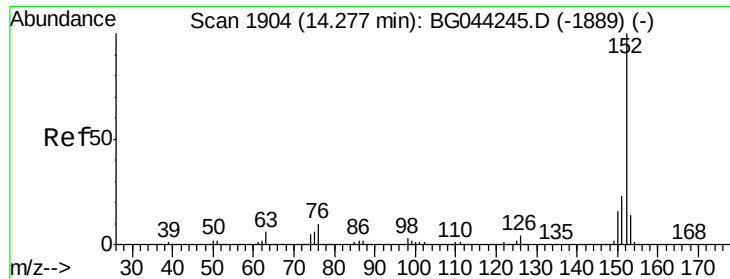
mohammad
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#48
 2-Nitroaniline
 Concen: 43.699 ng
 RT: 13.59 min Scan# 1788
 Delta R.T. -0.02 min
 Lab File: BG044533.D
 Acq: 20 Feb 2020 23:11

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	118133		
92	73.7		60.3	90.5
138	114.4		91.9	137.9





#49

Acenaphthylene

Concen: 48.528 ng

RT: 14.25 min Scan# 1899

Delta R.T. -0.02 min

Lab File: BG044533.D

Acq: 20 Feb 2020 23:11

Instrument :

BNA_G

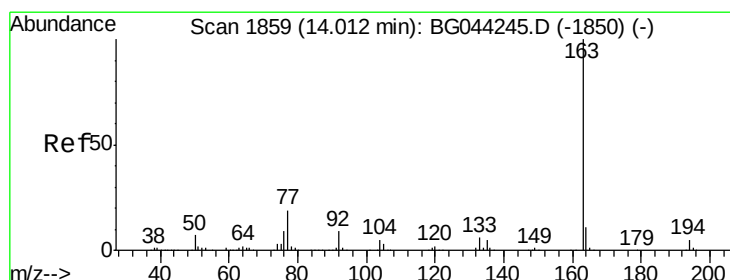
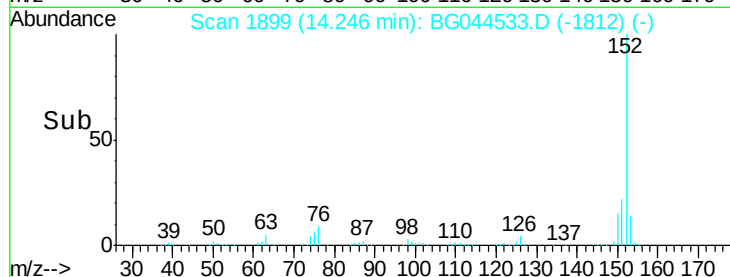
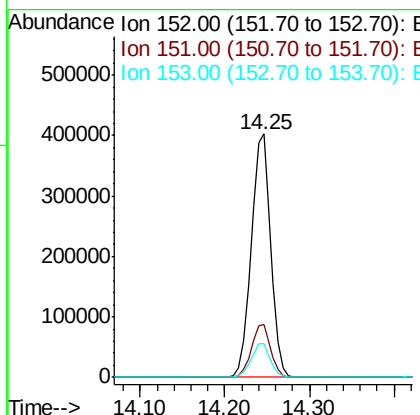
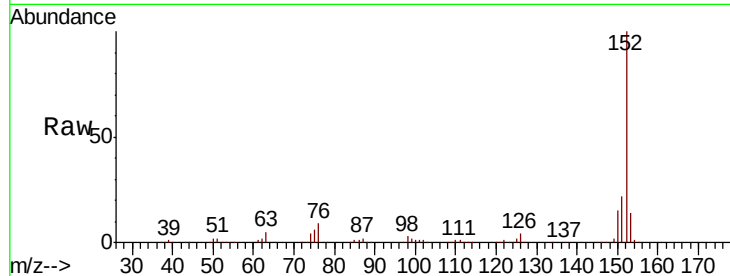
ClientSampleId :

FK-BPM-01-C2-C3-C2A-C3AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		651989		
151	21.7	18.1	27.1		
153	13.9	11.5	17.3		

Manual Integrations
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#50

Dimethylphthalate

Concen: 48.241 ng

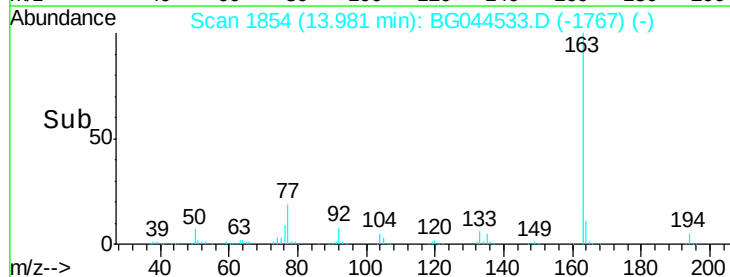
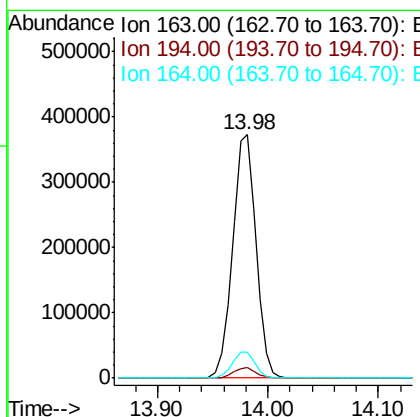
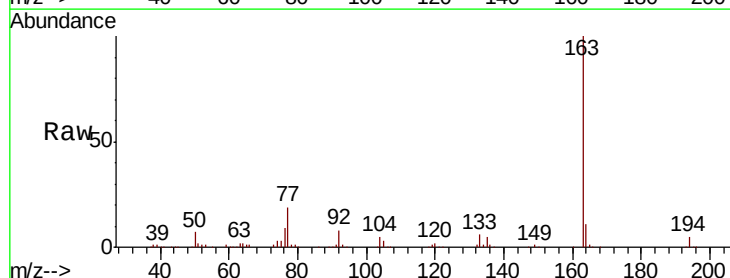
RT: 13.98 min Scan# 1854

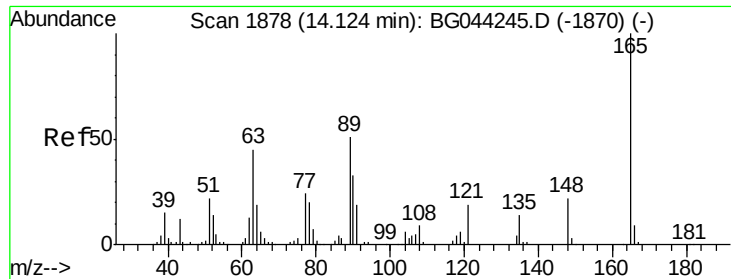
Delta R.T. -0.02 min

Lab File: BG044533.D

Acq: 20 Feb 2020 23:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		553404		
194	4.5	3.6	5.4		
164	10.6	8.7	13.1		





#51

2,6-Dinitrotoluene

Concen: 46.639 ng

RT: 14.09 min Scan# 1873

Delta R.T. -0.02 min

Lab File: BG044533.D

Acq: 20 Feb 2020 23:11

Instrument :

BNA_G

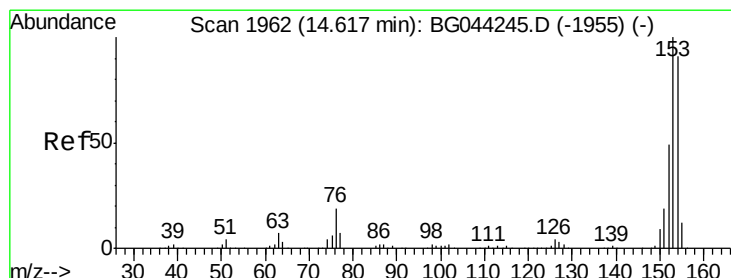
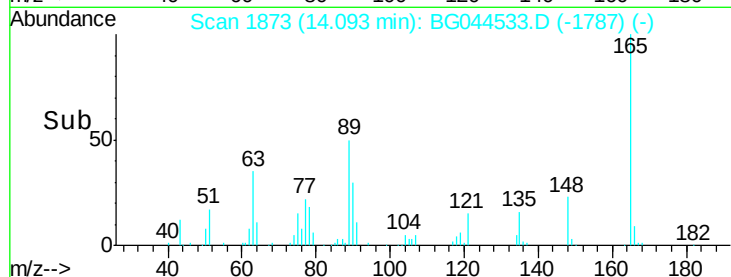
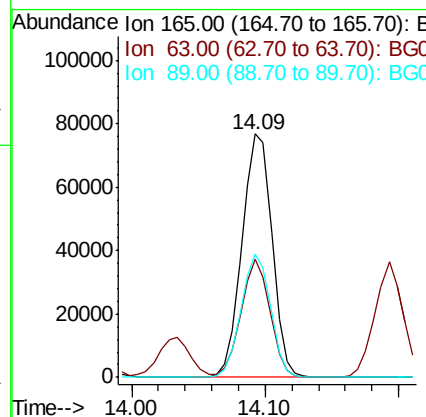
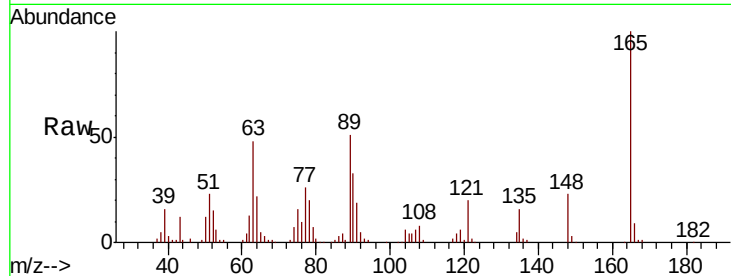
ClientSampleId :

FK-BPM-01-C2-C3-C2A-C3AMSD

Tot Ion:	165	Resp:	119293
Ion Ratio	Lower	Upper	
165	100		
63	48.4	38.7	58.1
89	50.8	40.4	60.6

Manual Integrations
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#52

Acenaphthene

Concen: 45.004 ng

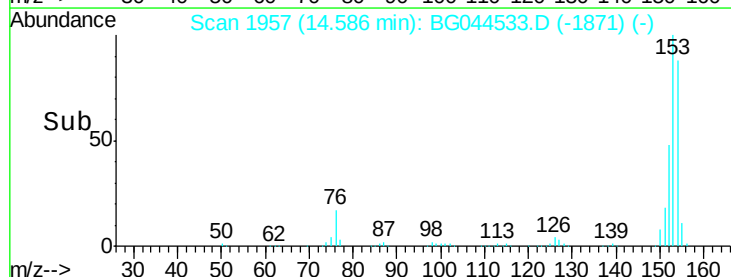
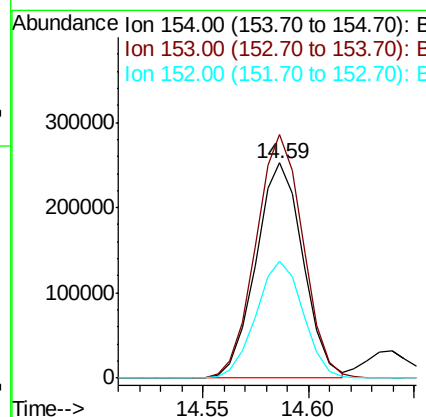
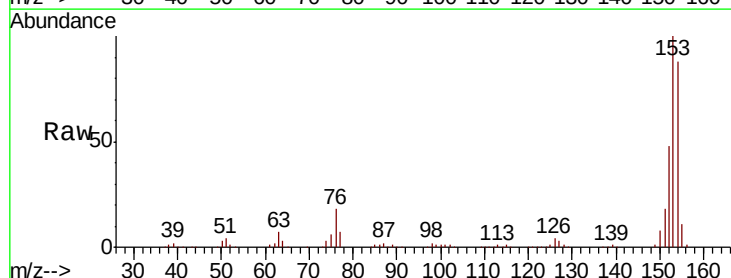
RT: 14.59 min Scan# 1957

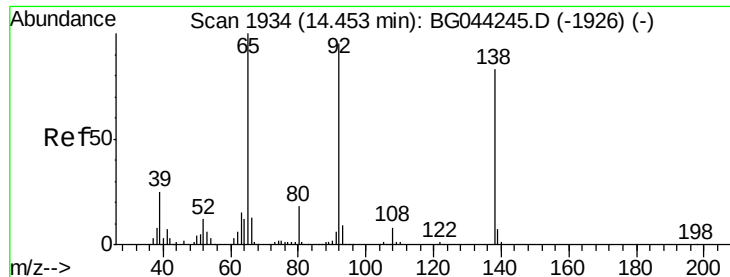
Delta R.T. -0.02 min

Lab File: BG044533.D

Acq: 20 Feb 2020 23:11

Tgt Ion:	154	Resp:	391914
Ion Ratio	Lower	Upper	
154	100		
153	113.2	87.9	131.9
152	54.3	43.1	64.7





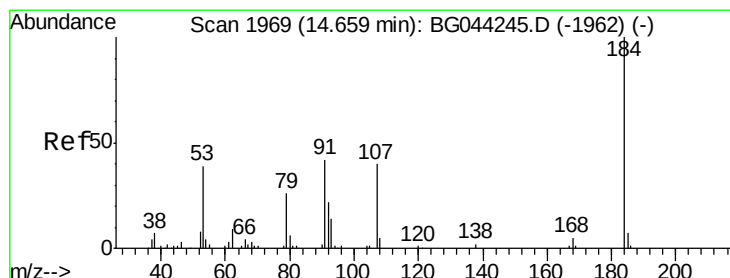
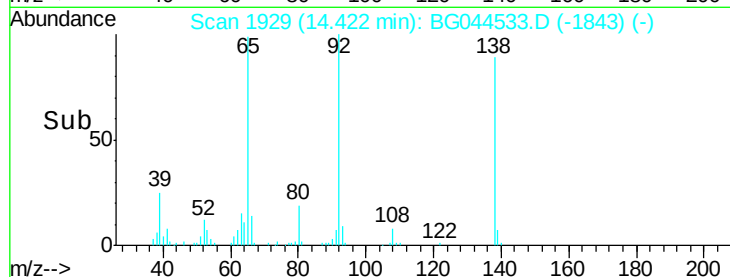
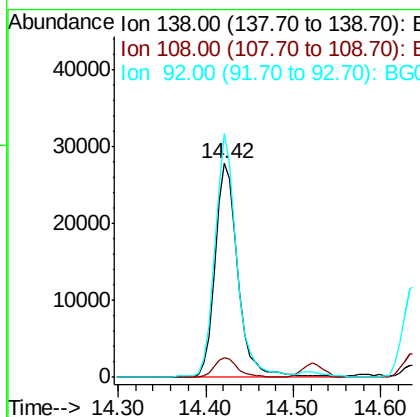
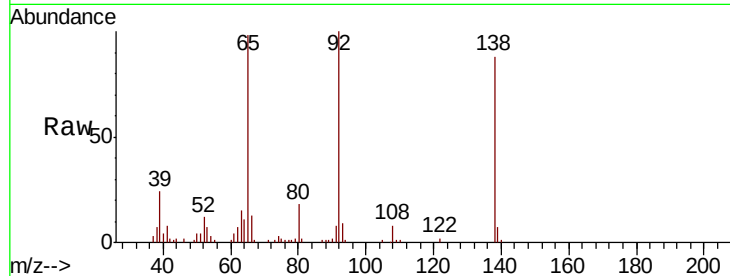
#53
3-Nitroaniline
Concen: 17.802 ng
RT: 14.42 min Scan# 1929
Delta R.T. -0.02 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-C2-C3-C2A-C3AMSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.3	7.9	11.9
92	113.9	91.0	136.4

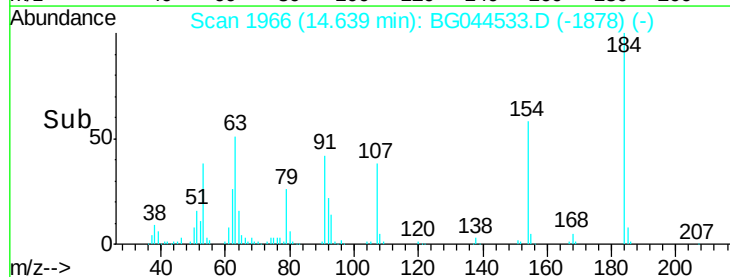
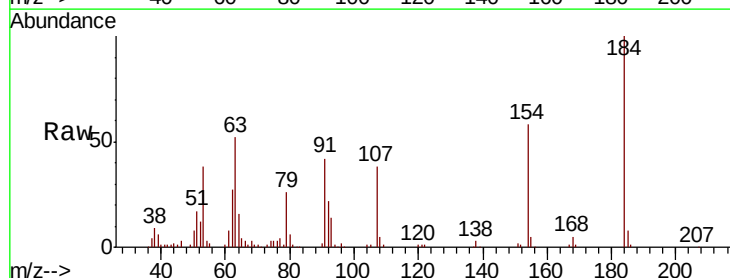
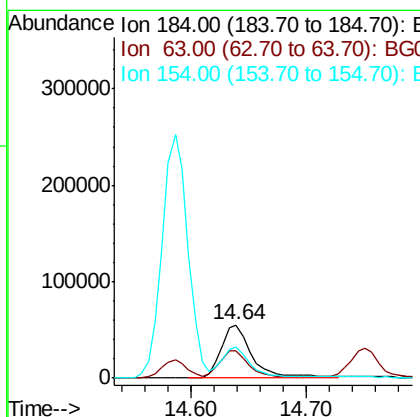
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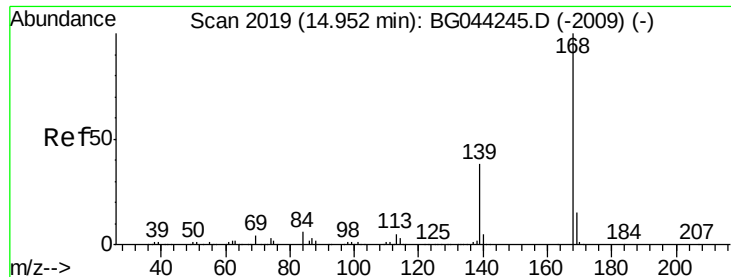
mohammad
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#54
2,4-Dinitrophenol
Concen: 69.669 ng
RT: 14.64 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

Tgt Ion	Ratio	Lower	Upper
184	100		
63	52.0	44.1	66.1
154	58.0	45.4	68.0





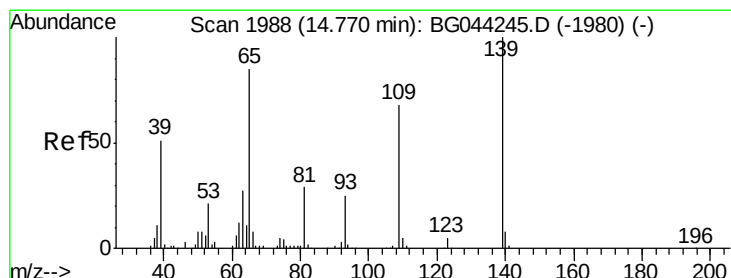
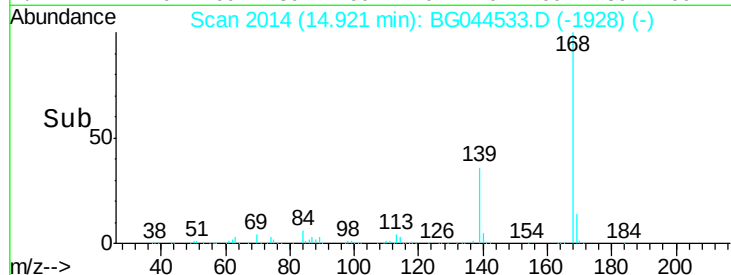
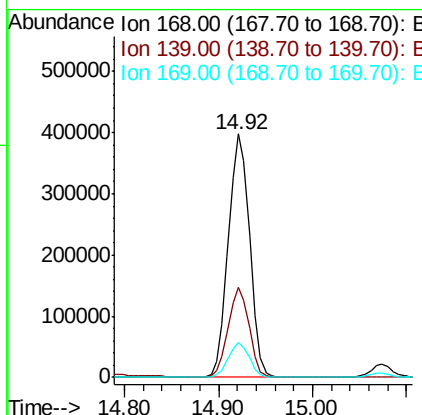
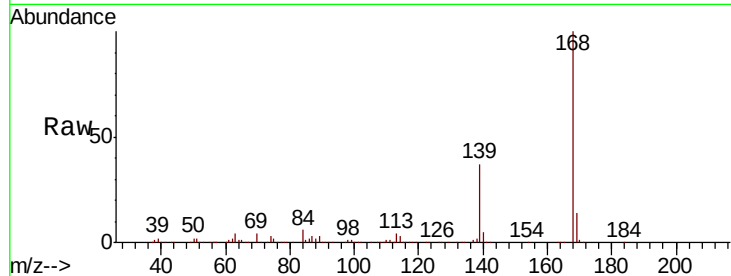
#55
Dibenzofuran
Concen: 47.352 ng
RT: 14.92 min Scan# 2014
Delta R.T. -0.02 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-C2-C3-C2A-C3AMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.8	30.5	45.7
169	14.2	11.7	17.5

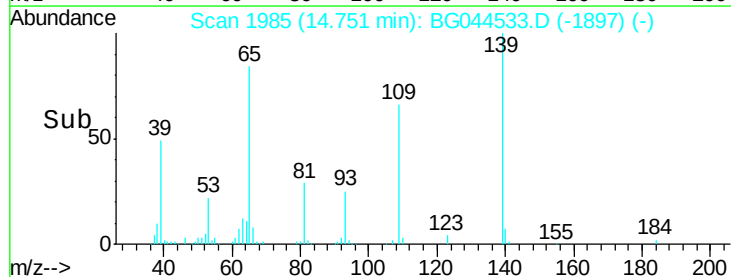
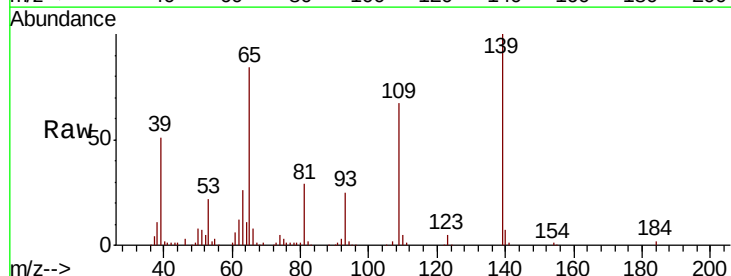
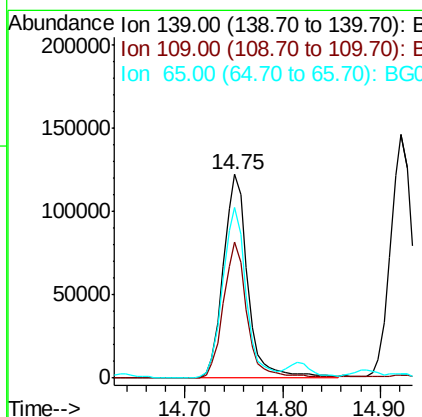
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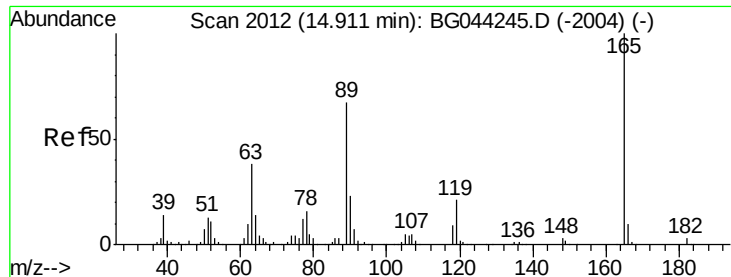
mohammad
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#56
4-Nitrophenol
Concen: 103.318 ng
RT: 14.75 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.7	47.5	87.5
65	83.9	64.9	104.9





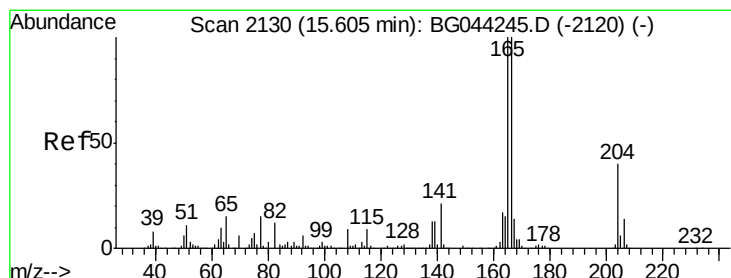
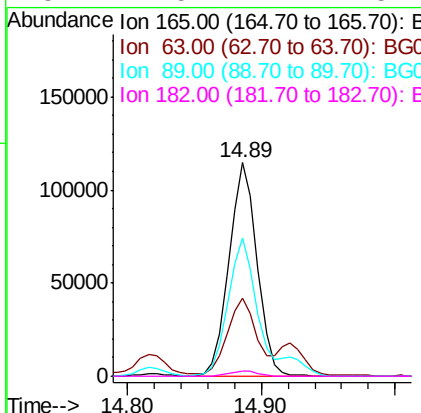
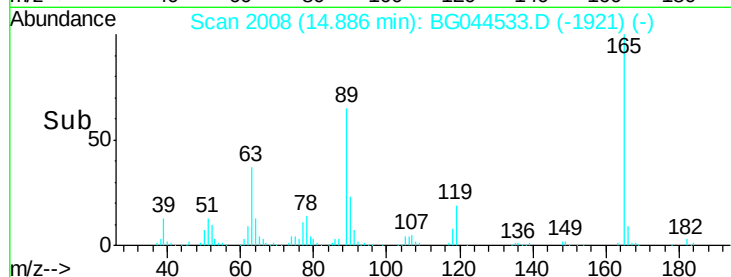
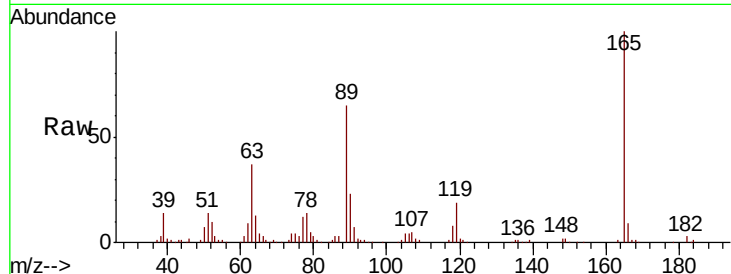
#57
2,4-Dinitrotoluene
Concen: 46.893 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-C2-C3-C2A-C3AMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	168110		
63	36.7	30.3	45.5	
89	65.0	53.4	80.2	
182	2.5	2.1	3.1	

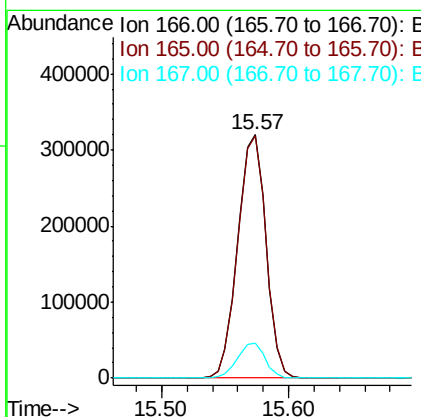
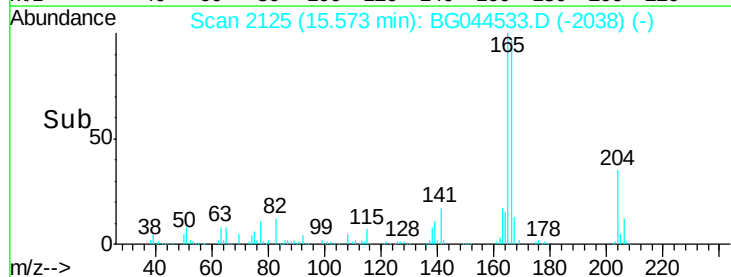
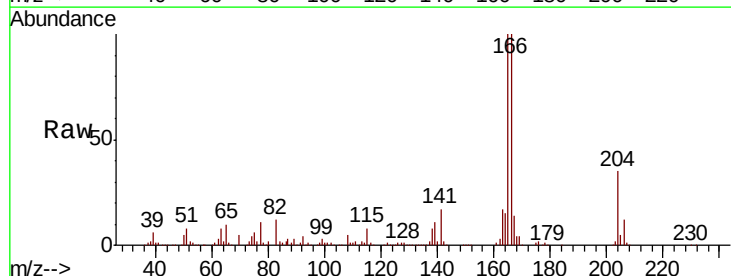
Manual Integrations
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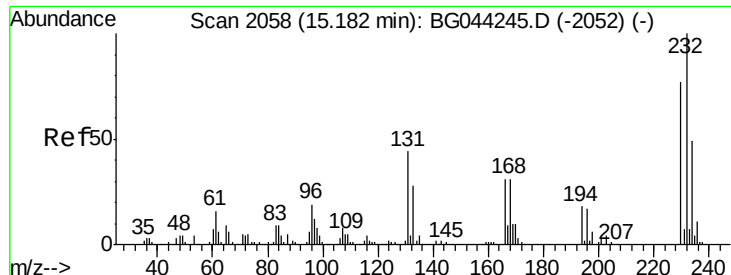
mohammad
2/21/2020 2:17:55 PM



#58
Fluorene
Concen: 47.537 ng
RT: 15.57 min Scan# 2125
Delta R.T. -0.02 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	493666		
165	99.6	79.9	119.9	
167	14.1	11.4	17.0	





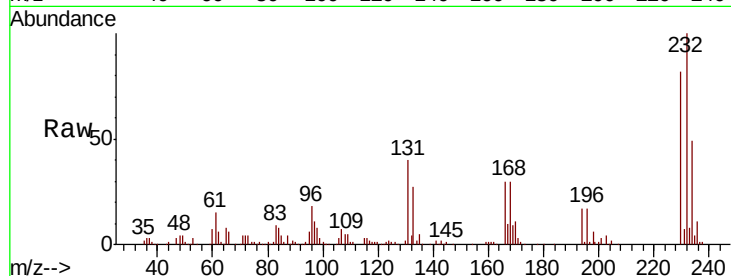
#59
2,3,4,6-Tetrachlorophenol
Concen: 49.923 ng
RT: 15.16 min Scan# 2054
Delta R.T. -0.02 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-C2-C3-C2A-C3AMSD

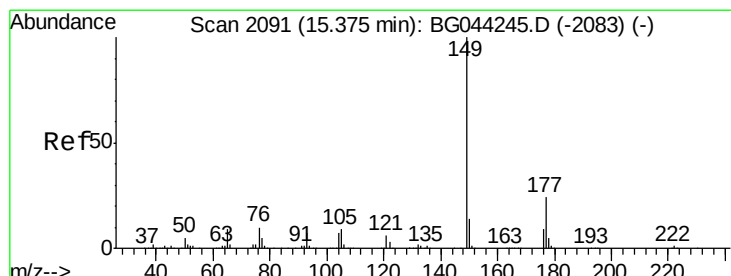
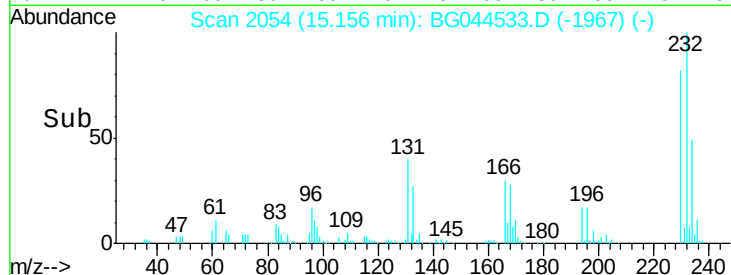
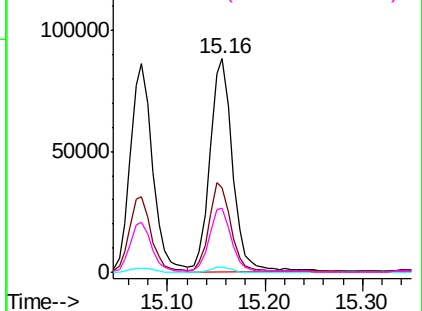
Tot Ion	Ratio	Resp	Lower	Upper
232	100	142120		
131	41.0		34.2	51.4
130	2.1		1.8	2.8
166	29.8		23.8	35.8

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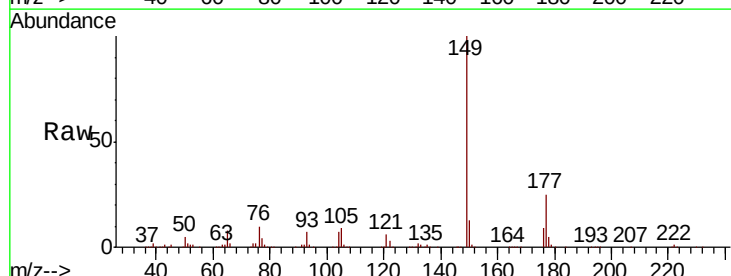


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

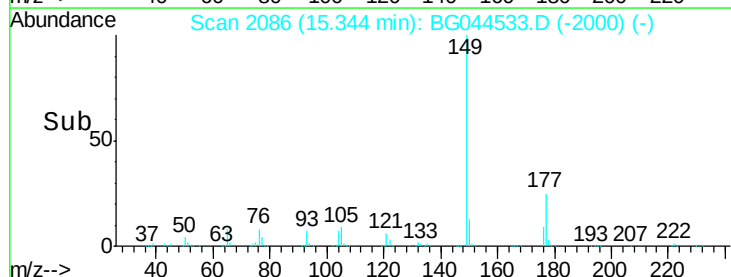
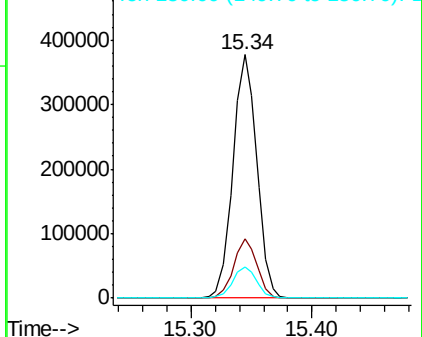


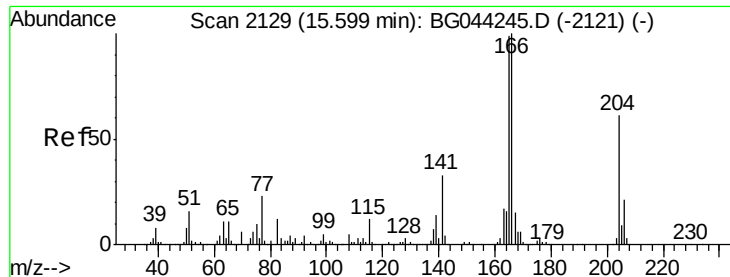
#60
Diethylphthalate
Concen: 45.468 ng
RT: 15.34 min Scan# 2086
Delta R.T. -0.02 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	519733		
177	24.6		19.4	29.0
150	13.0		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





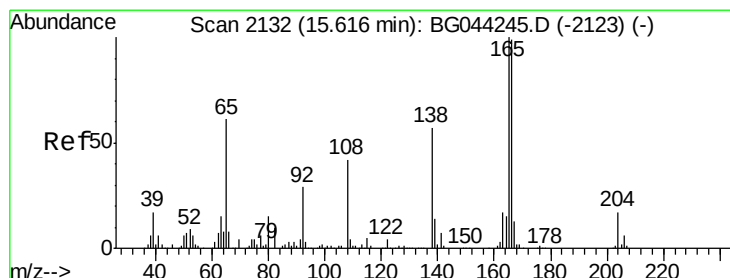
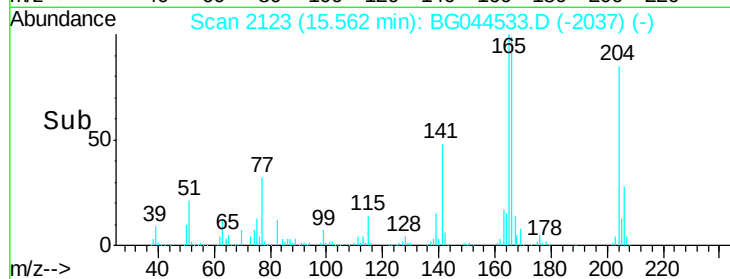
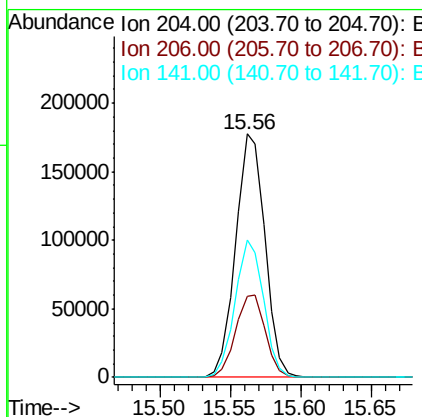
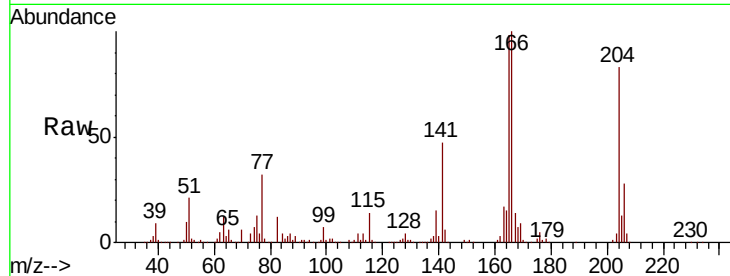
#61
 4-Chlorophenyl-phenylether
 Concen: 45.513 ng
 RT: 15.56 min Scan# 2123
 Delta R.T. -0.02 min
 Lab File: BG044533.D
 Acq: 20 Feb 2020 23:11

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-C2-C3-C2A-C3AMSD

Tot Ion:	204	Resp:	256274
Ion Ratio	Lower	Upper	
204	100		
206	33.5	27.6	41.4
141	56.3	43.4	65.0

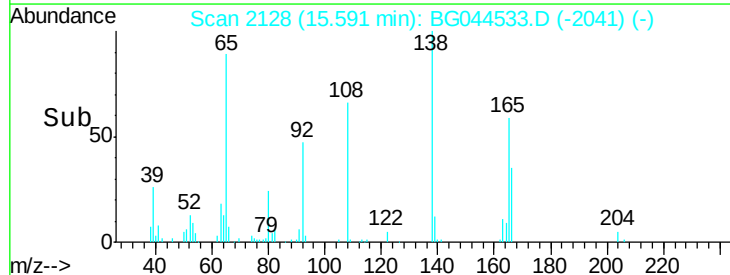
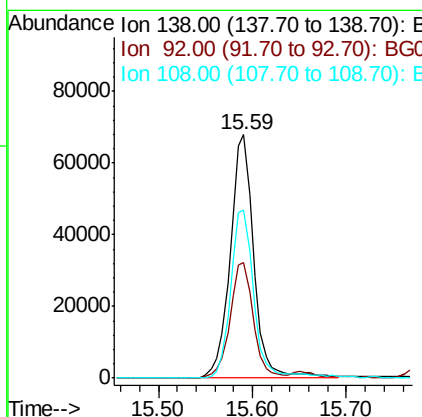
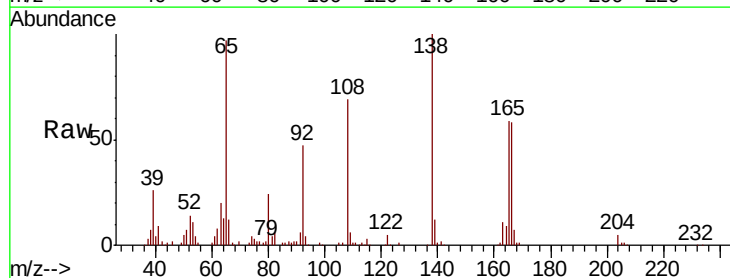
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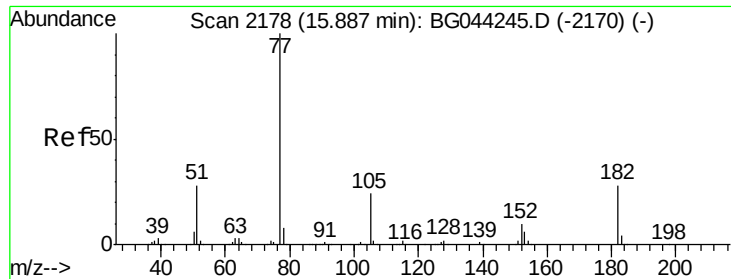
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#62
 4-Nitroaniline
 Concen: 42.413 ng
 RT: 15.59 min Scan# 2128
 Delta R.T. -0.02 min
 Lab File: BG044533.D
 Acq: 20 Feb 2020 23:11

Tgt Ion:	138	Resp:	119929
Ion Ratio	Lower	Upper	
138	100		
92	47.3	31.3	71.3
108	69.3	52.6	92.6





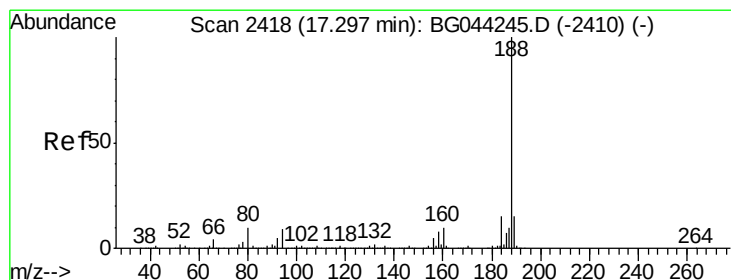
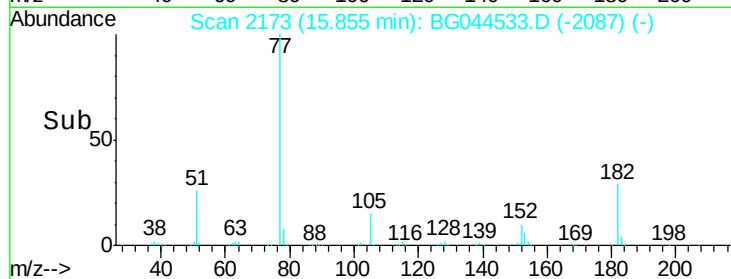
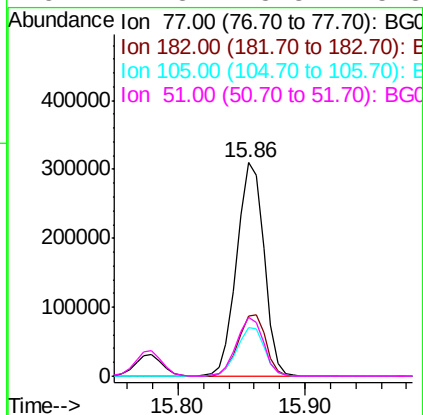
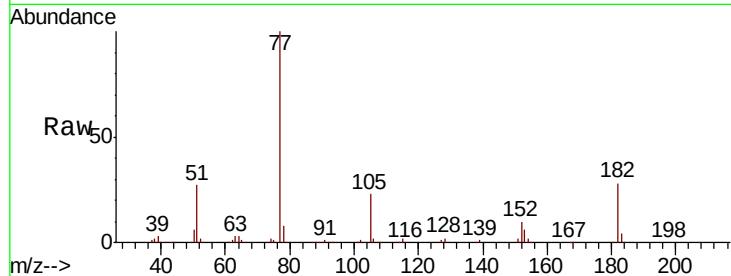
#63
Azobenzene
Concen: 45.972 ng
RT: 15.86 min Scan# 2173
Delta R.T. -0.02 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-C2-C3-C2A-C3AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		460554		
182	28.0	8.2	48.2		
105	23.0	3.6	43.6		
51	27.3	8.3	48.3		

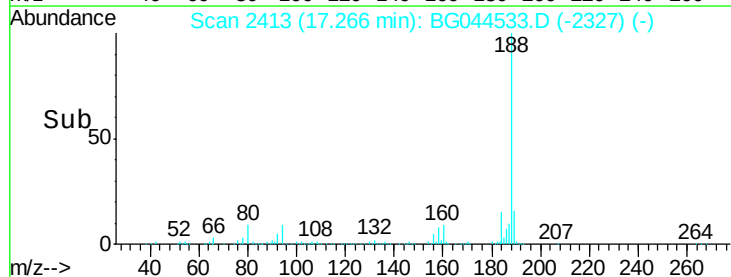
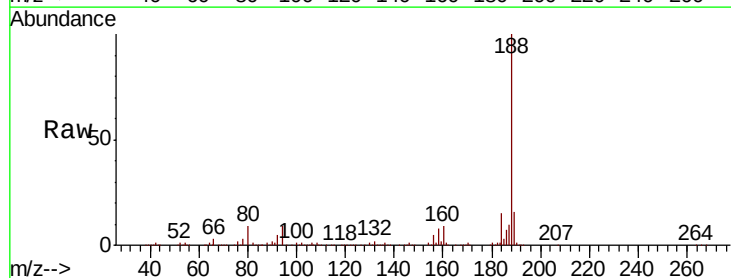
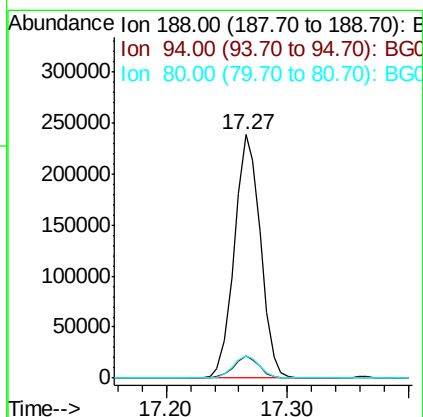
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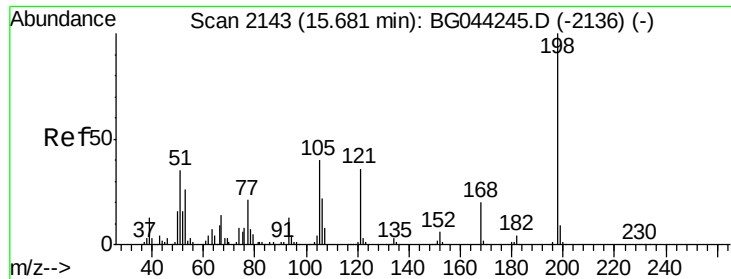
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.27 min Scan# 2413
Delta R.T. -0.02 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		359087		
94	9.0	7.4	11.2		
80	9.4	7.7	11.5		





#65

4,6-Dinitro-2-methylphenol

Concen: 50.354 ng

RT: 15.66 min Scan# 2139

Delta R.T. -0.02 min

Lab File: BG044533.D

Acq: 20 Feb 2020 23:11

Instrument :

BNA_G

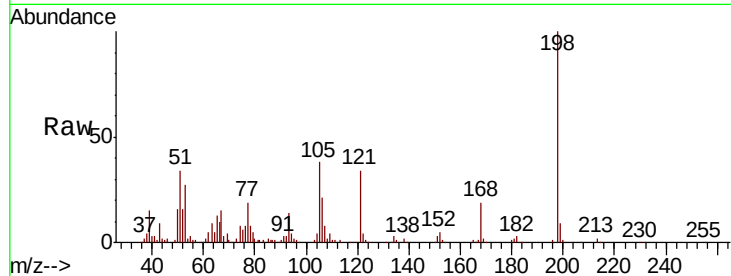
ClientSampleId :

FK-BPM-01-C2-C3-C2A-C3AMSD

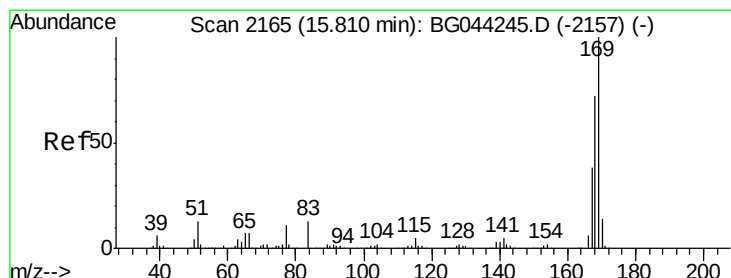
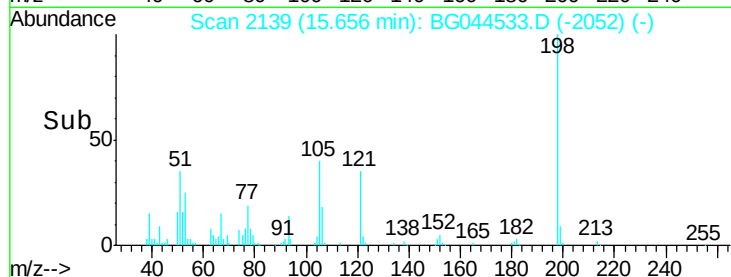
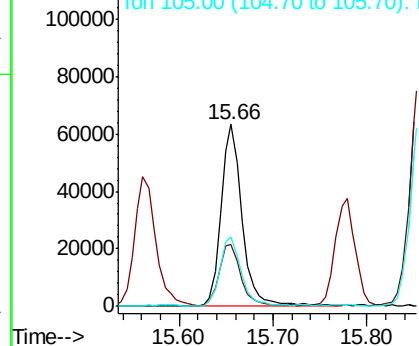
Tot Ion:	198	Resp:	99810
Ion Ratio	Lower	Upper	
198	100		
51	33.9	16.6	56.6
105	38.3	20.6	60.6

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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: 46.067 ng

RT: 15.78 min Scan# 2160

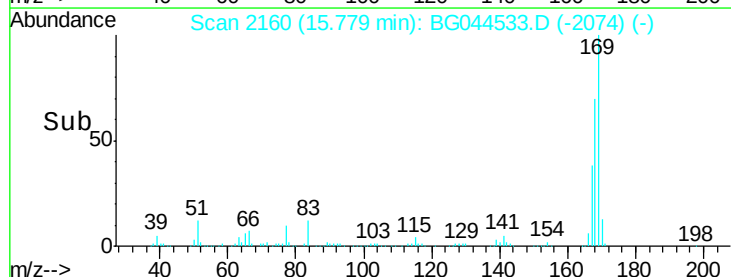
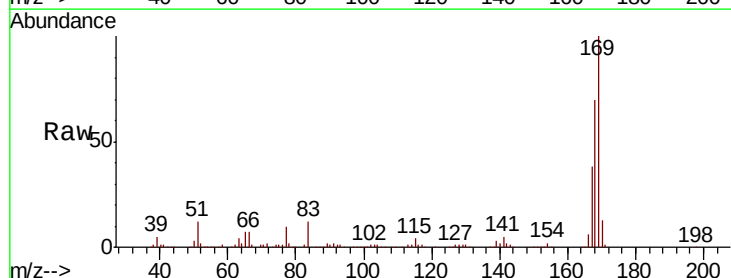
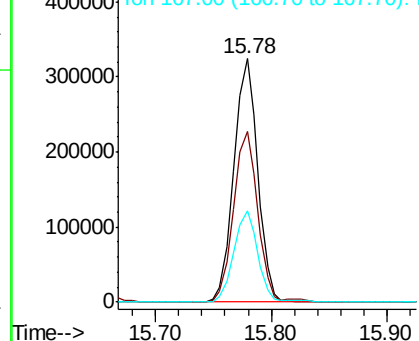
Delta R.T. -0.02 min

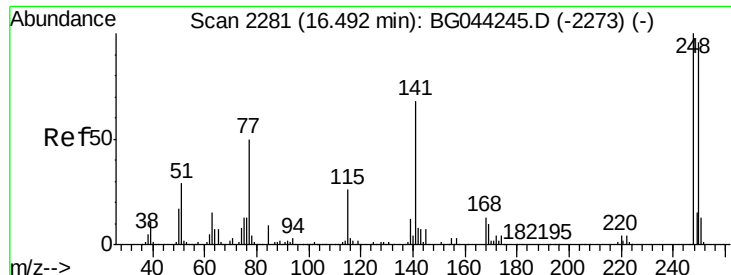
Lab File: BG044533.D

Acq: 20 Feb 2020 23:11

Tgt Ion:	169	Resp:	463584
Ion Ratio	Lower	Upper	
169	100		
168	70.2	57.9	86.9
167	37.7	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





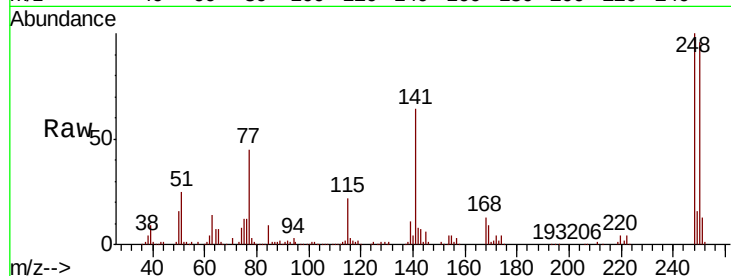
#67
 4-Bromophenyl-phenylether
 Concen: 43.942 ng
 RT: 16.46 min Scan# 2276
 Delta R.T. -0.02 min
 Lab File: BG044533.D
 Acq: 20 Feb 2020 23:11

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-C2-C3-C2A-C3AMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.9	76.6	114.8
141	64.4	54.7	82.1

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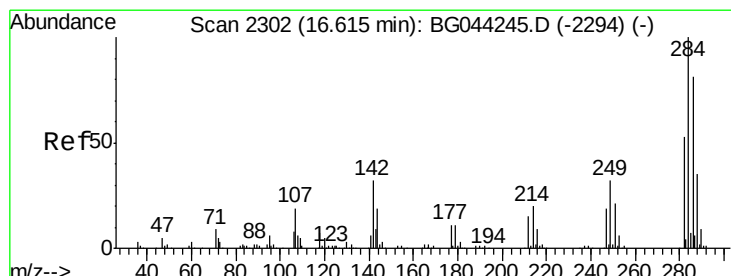
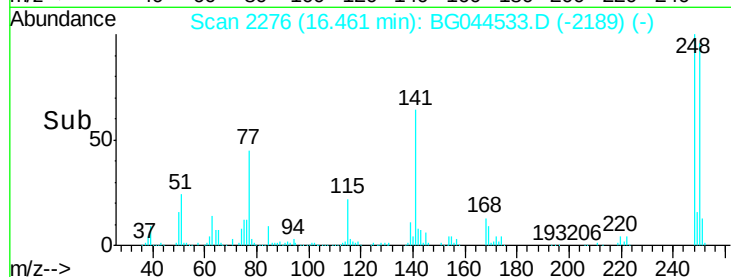
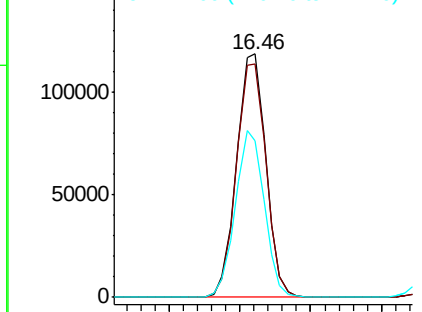


Abundance

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: 43.638 ng
 RT: 16.58 min Scan# 2297
 Delta R.T. -0.02 min
 Lab File: BG044533.D
 Acq: 20 Feb 2020 23:11

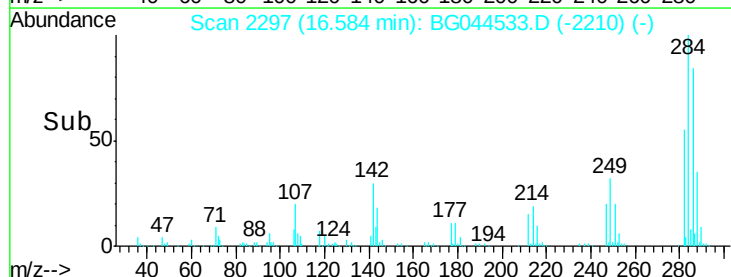
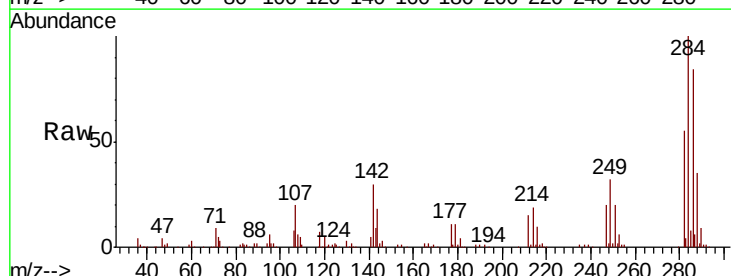
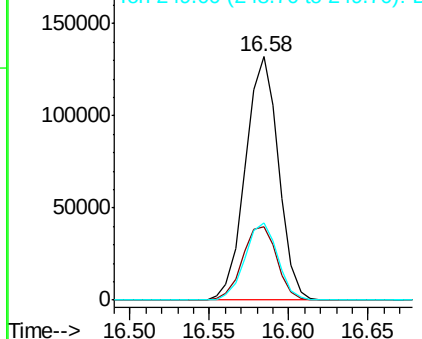
Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.3	25.3	37.9
249	31.6	25.5	38.3

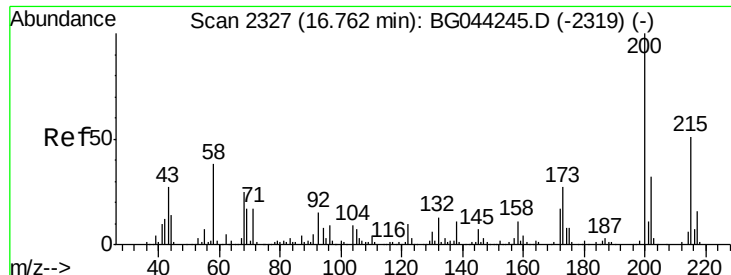
Abundance

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





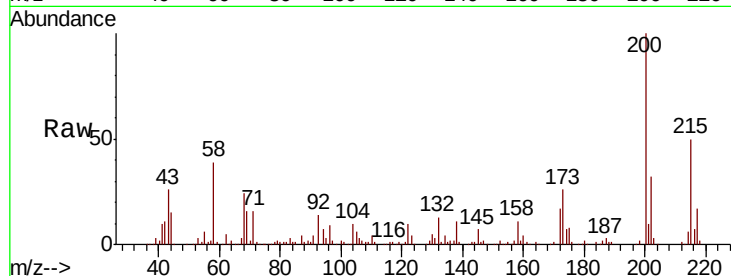
#69
Atrazine
Concen: 52.946 ng
RT: 16.73 min Scan# 2322
Delta R.T. -0.02 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-C2-C3-C2A-C3AMSD

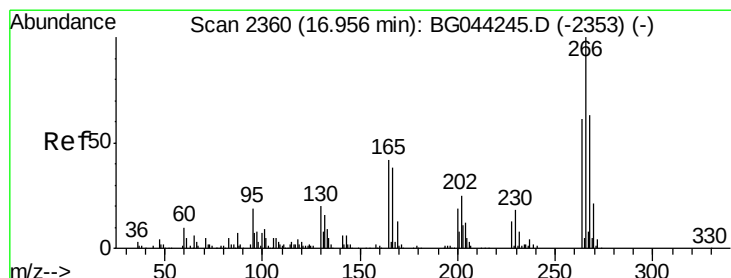
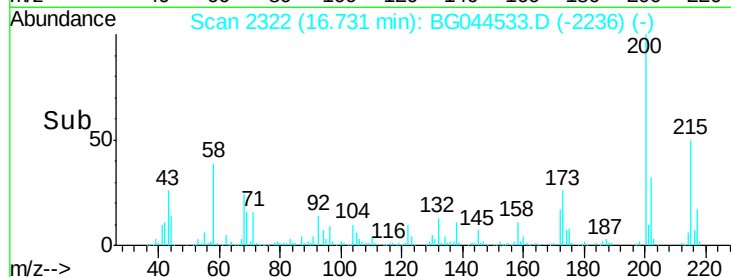
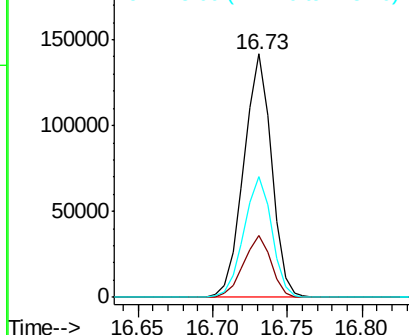
Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	25.6	6.6	46.6
215	49.7	31.0	71.0

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2/21/2020 2:17:55 PM

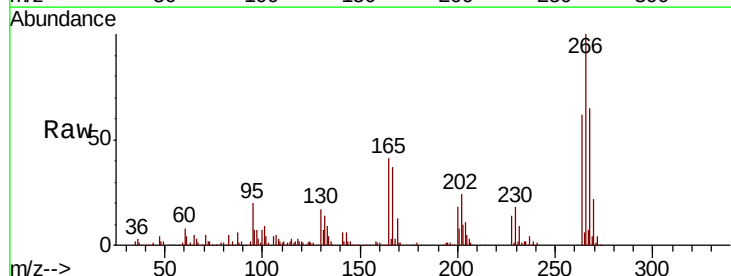


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

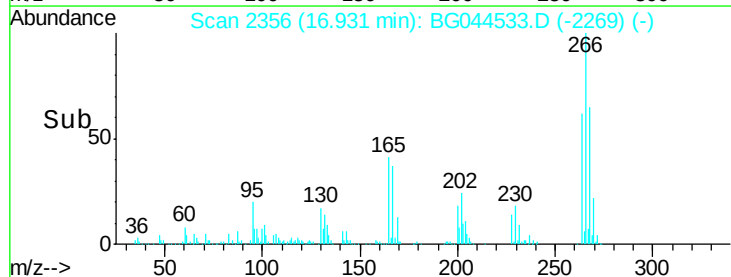
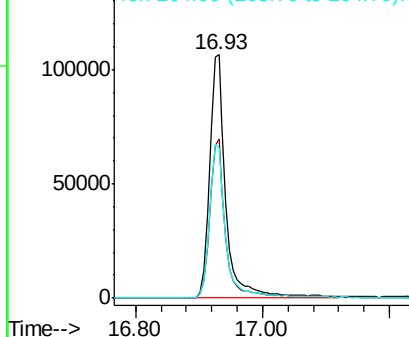


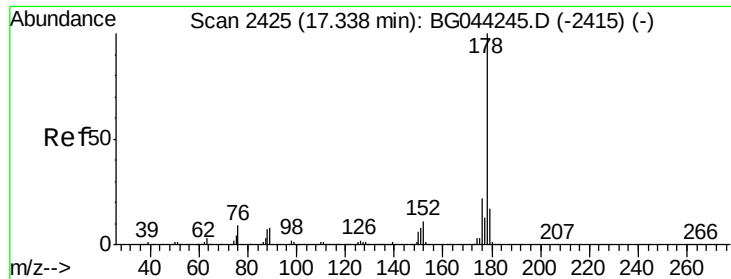
#70
Pentachlorophenol
Concen: 87.818 ng
RT: 16.93 min Scan# 2356
Delta R.T. -0.02 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	65.2	50.6	75.8
264	61.7	48.7	73.1



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





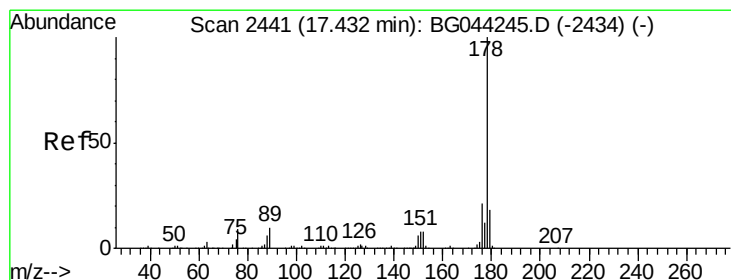
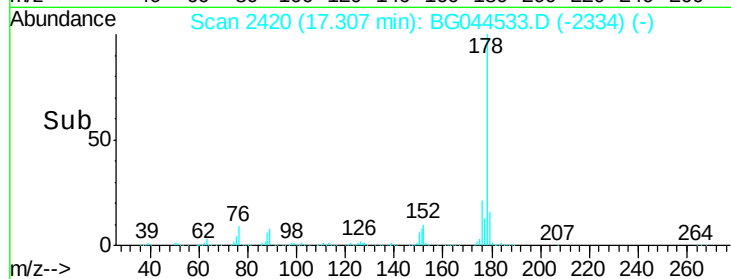
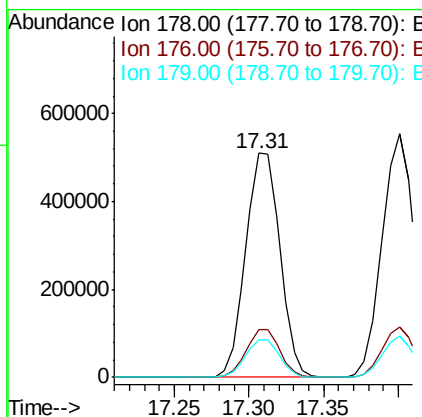
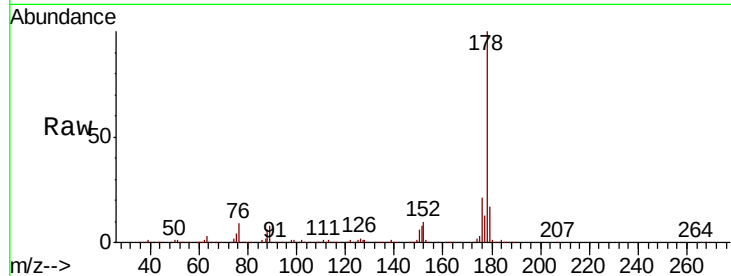
#71
Phenanthrene
Concen: 46.612 ng
RT: 17.31 min Scan# 2420
Delta R.T. -0.02 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-C2-C3-C2A-C3AMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.1	17.7	26.5
179	16.5	13.7	20.5

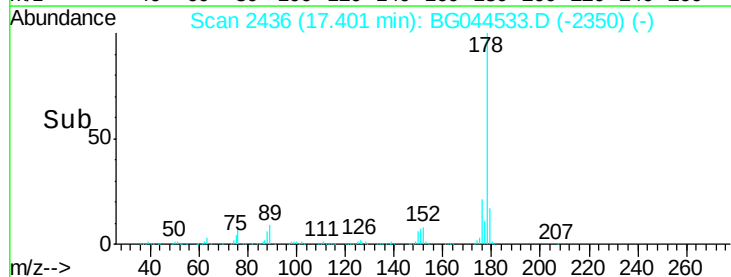
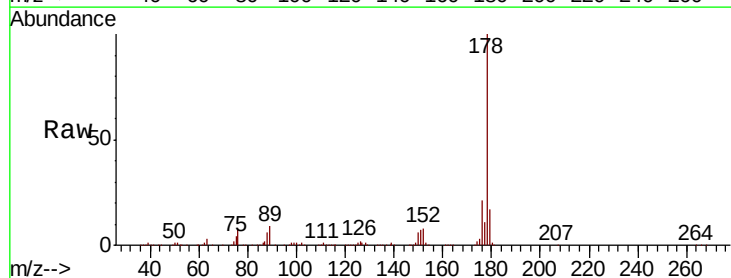
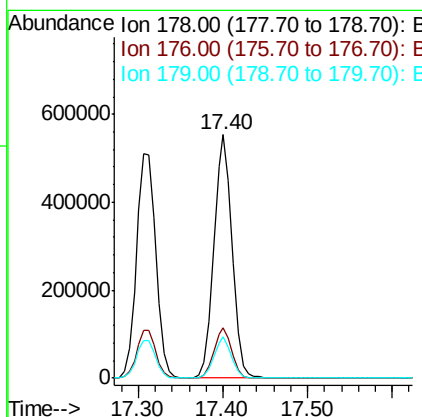
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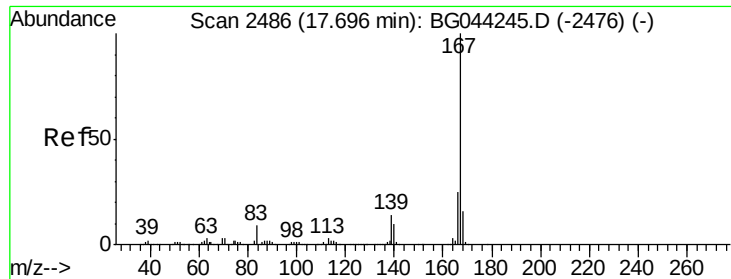
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#72
Anthracene
Concen: 48.776 ng
RT: 17.40 min Scan# 2436
Delta R.T. -0.02 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.9	17.0	25.4
179	17.0	14.4	21.6





#73

Carbazole

Concen: 48.255 ng

RT: 17.67 min Scan# 2482

Delta R.T. -0.02 min

Lab File: BG044533.D

Acq: 20 Feb 2020 23:11

Instrument :

BNA_G

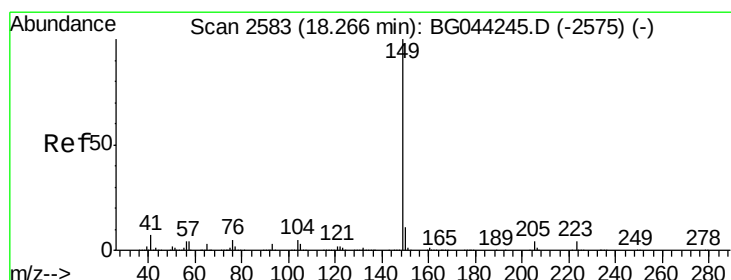
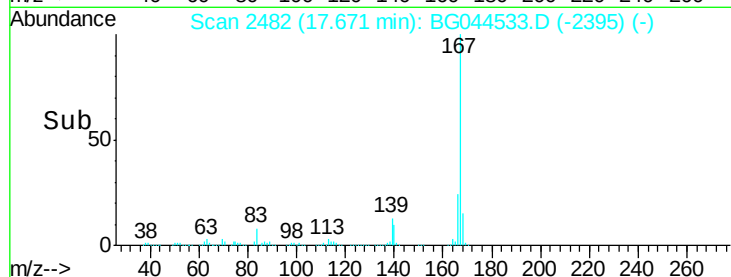
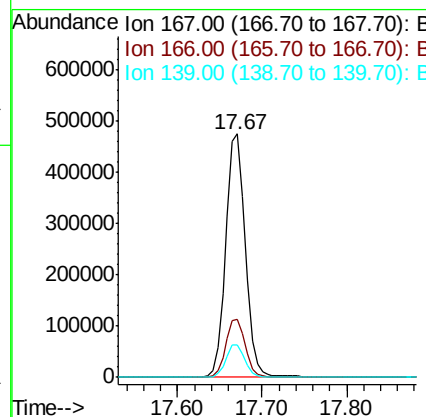
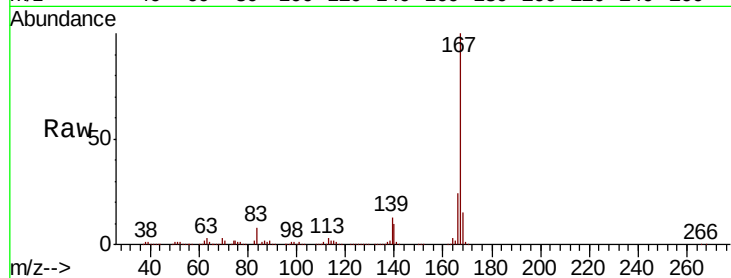
ClientSampleId :

FK-BPM-01-C2-C3-C2A-C3AMSD

Tot Ion:	167	Resp:	764754
Ion Ratio	Lower	Upper	
167	100		
166	24.0	19.8	29.6
139	13.2	11.1	16.7

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#74

Di-n-butylphthalate

Concen: 47.135 ng

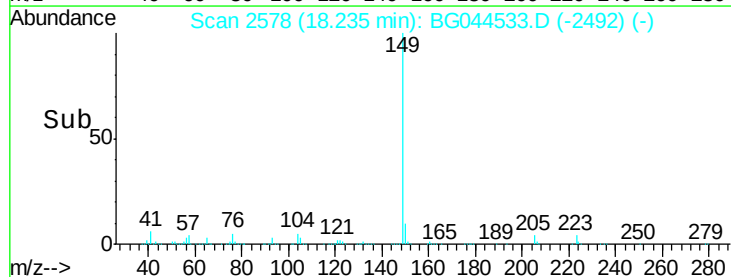
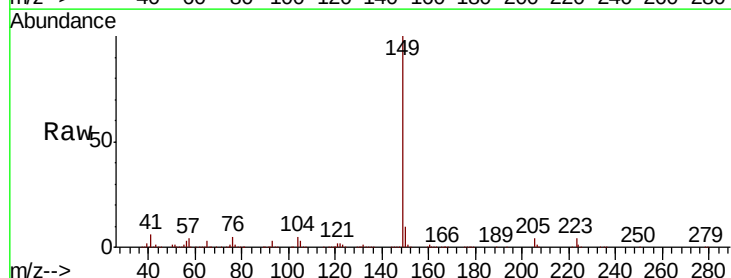
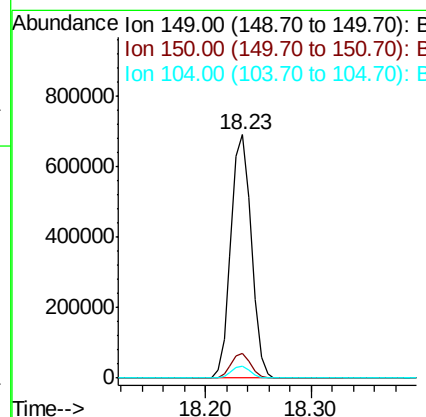
RT: 18.23 min Scan# 2578

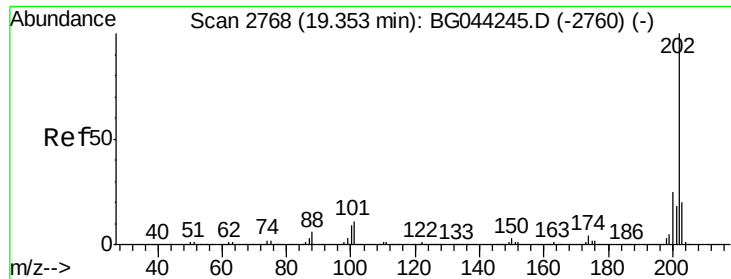
Delta R.T. -0.02 min

Lab File: BG044533.D

Acq: 20 Feb 2020 23:11

Tgt Ion:	149	Resp:	923120
Ion Ratio	Lower	Upper	
149	100		
150	10.1	8.7	13.1
104	5.0	4.3	6.5





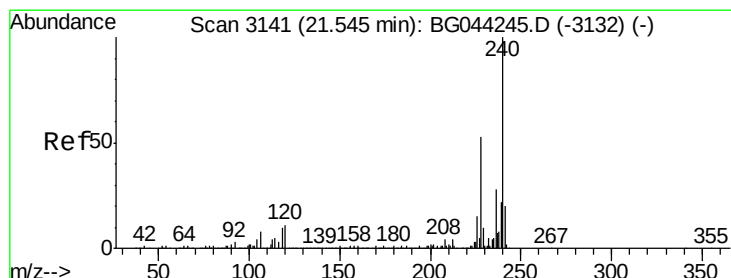
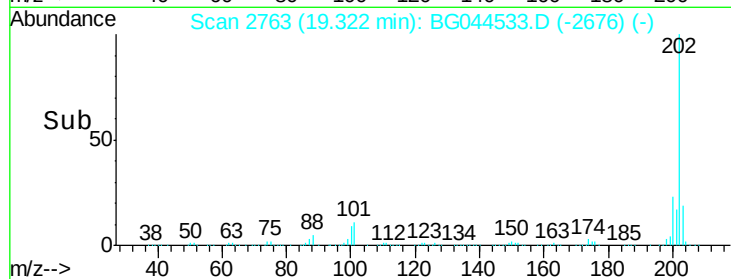
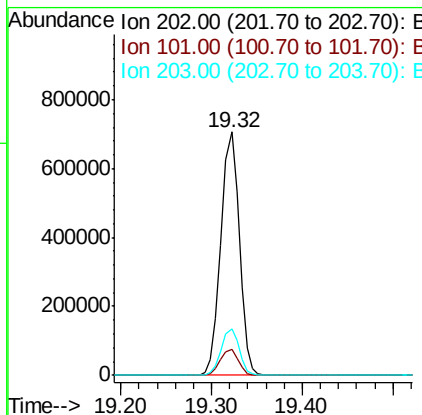
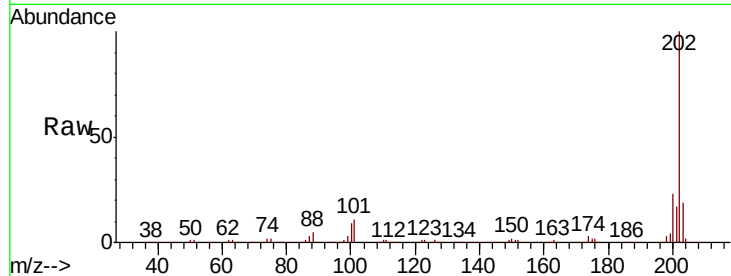
#75
 Fluoranthene
 Concen: 49.739 ng
 RT: 19.32 min Scan# 2763
 Delta R.T. -0.02 min
 Lab File: BG044533.D
 Acq: 20 Feb 2020 23:11

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-C2-C3-C2A-C3AMSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1000500		
101	10.6		0.0	31.3
203	19.3		0.0	39.9

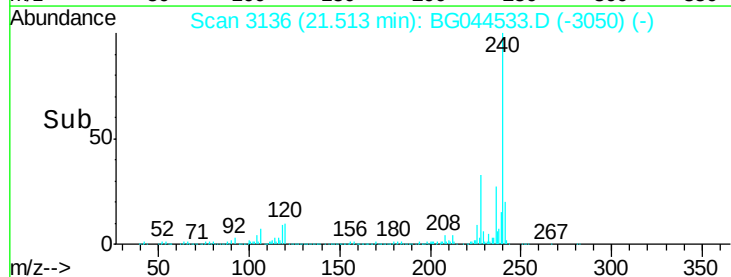
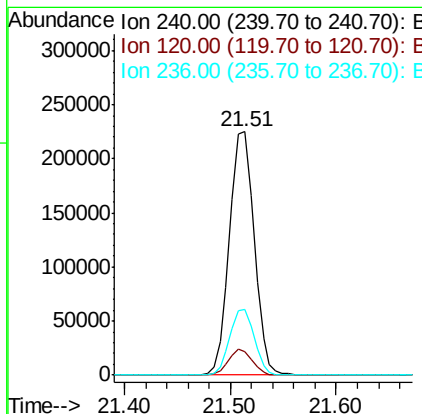
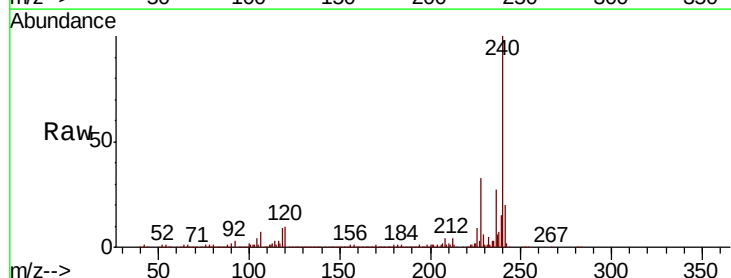
Manual Integrations
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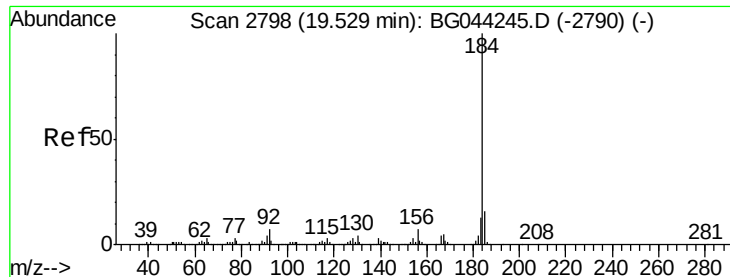
mohammad
 2/21/2020 2:17:55 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.51 min Scan# 3136
 Delta R.T. -0.02 min
 Lab File: BG044533.D
 Acq: 20 Feb 2020 23:11

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	365891		
120	9.8		8.4	12.6
236	26.8		22.1	33.1





#77

Benzidine

Concen: 30.200 ng

RT: 19.50 min Scan# 2793

Delta R.T. -0.02 min

Lab File: BG044533.D

Acq: 20 Feb 2020 23:11

Instrument :

BNA_G

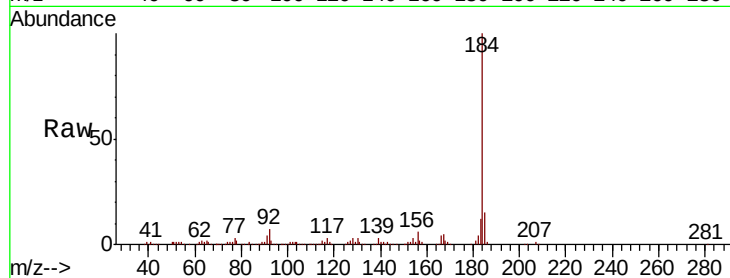
ClientSampleId :

FK-BPM-01-C2-C3-C2A-C3AMSD

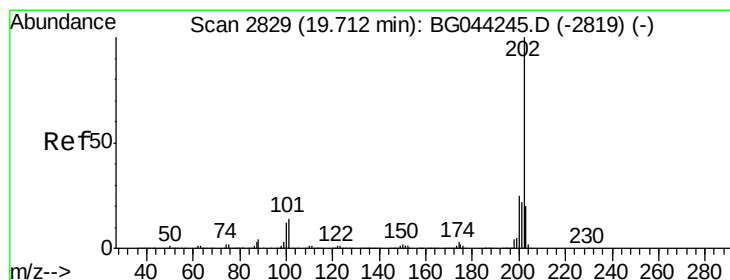
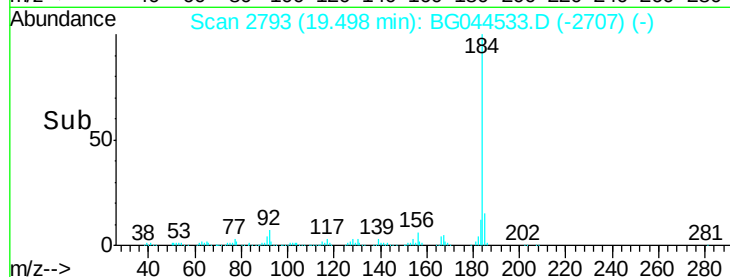
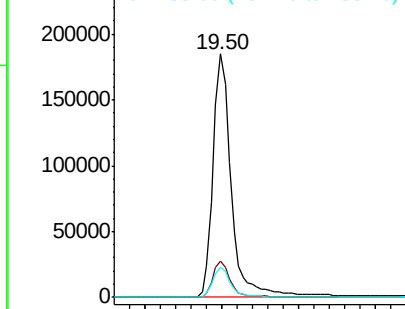
Tot Ion:	184	Resp:	306501
Ion Ratio		Lower	Upper
184	100		
185	14.9	12.9	19.3
183	12.2	10.8	16.2

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



#78

Pyrene

Concen: 43.097 ng

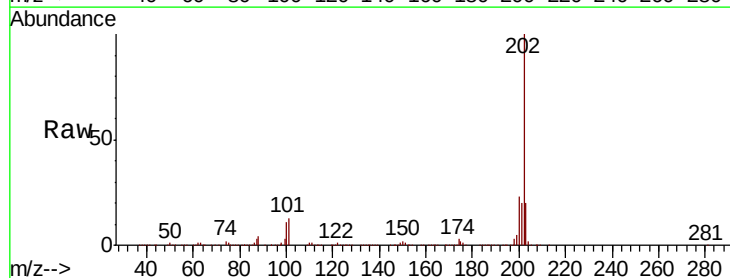
RT: 19.68 min Scan# 2824

Delta R.T. -0.02 min

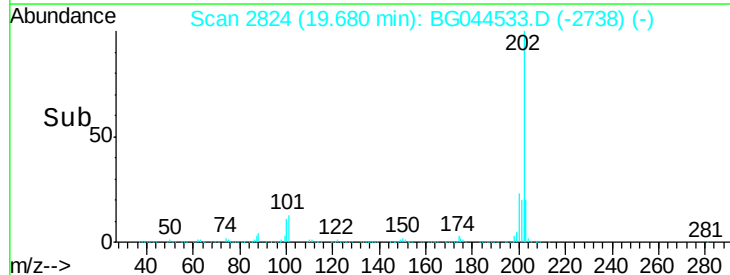
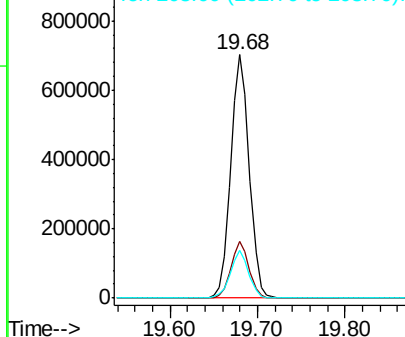
Lab File: BG044533.D

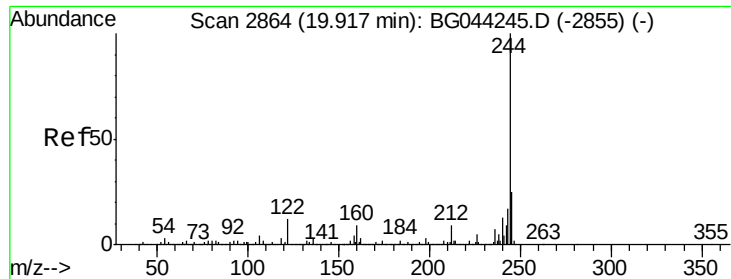
Acq: 20 Feb 2020 23:11

Tgt Ion:	202	Resp:	1012682
Ion Ratio		Lower	Upper
202	100		
200	23.4	20.0	30.0
203	19.7	16.2	24.2



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





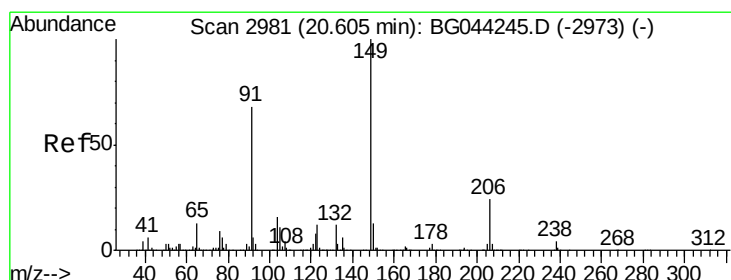
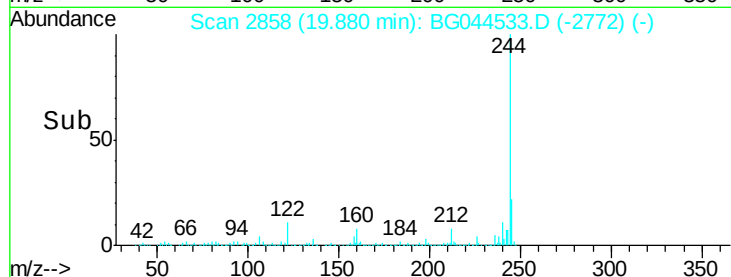
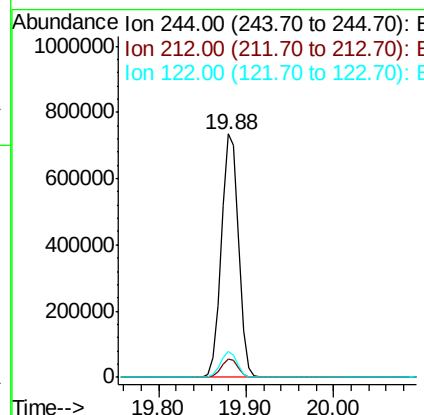
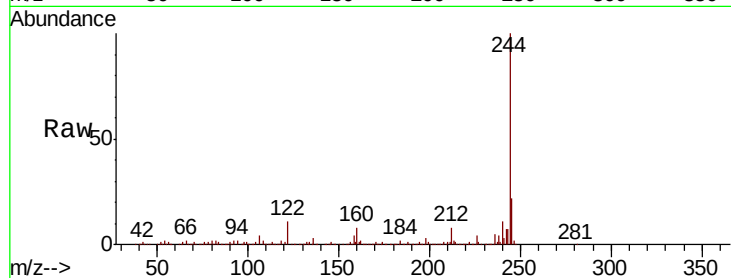
#79
 Terphenyl-d14
 Concen: 56.491 ng
 RT: 19.88 min Scan# 2858
 Delta R.T. -0.02 min
 Lab File: BG044533.D
 Acq: 20 Feb 2020 23:11

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-C2-C3-C2A-C3AMSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.7	7.4	11.2
122	10.9	9.8	14.6

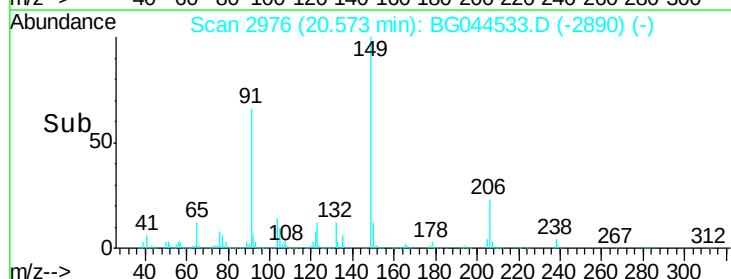
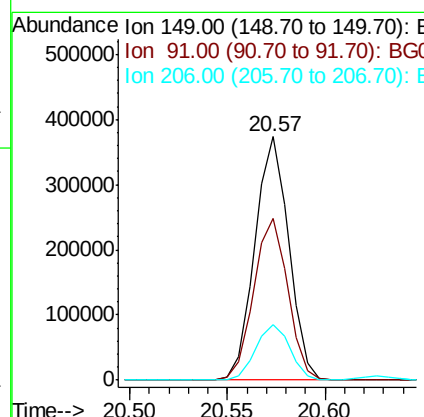
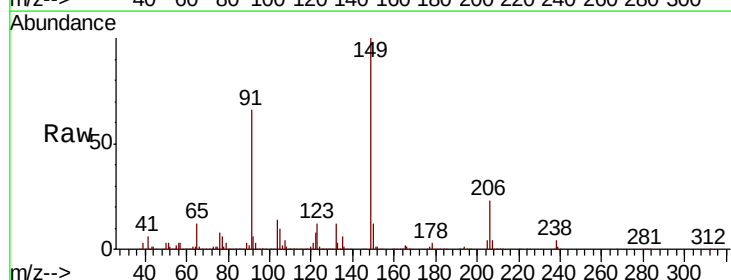
Manual Integrations
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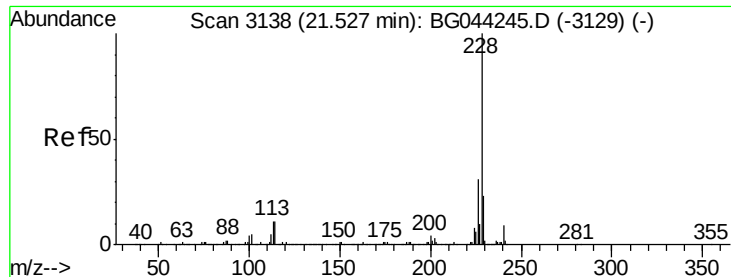
mohammad
 2/21/2020 2:17:55 PM



#80
 Butylbenzylphthalate
 Concen: 42.025 ng
 RT: 20.57 min Scan# 2976
 Delta R.T. -0.02 min
 Lab File: BG044533.D
 Acq: 20 Feb 2020 23:11

Tgt Ion	Ratio	Lower	Upper
149	100		
91	66.4	54.5	81.7
206	22.9	19.1	28.7





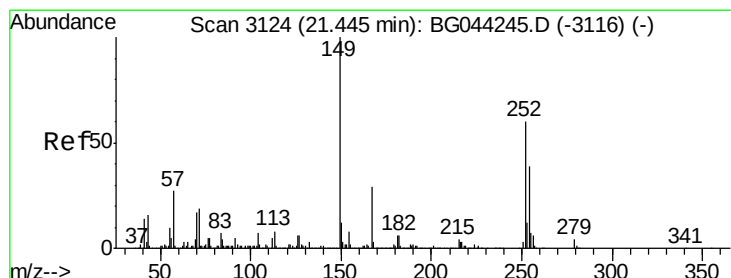
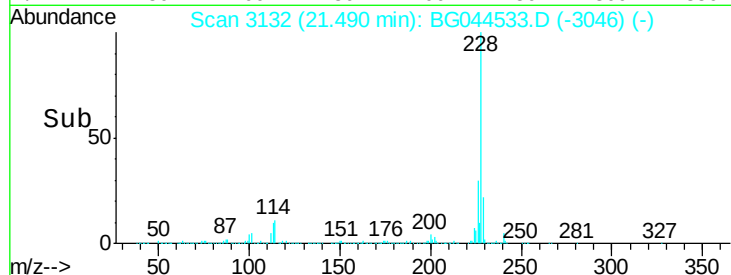
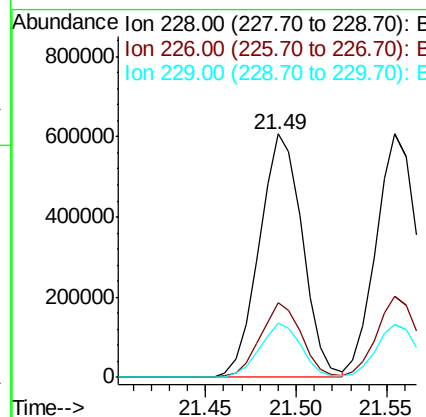
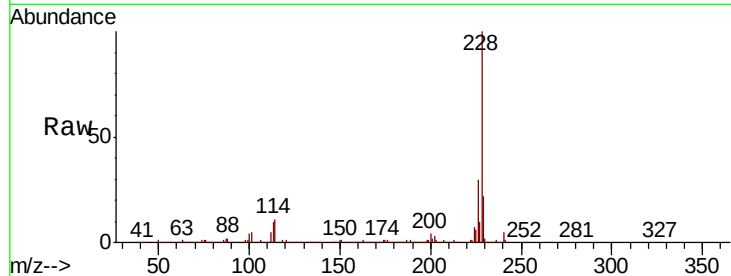
#81
Benzo(a)anthracene
Concen: 44.461 ng
RT: 21.49 min Scan# 3132
Delta R.T. -0.02 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-C2-C3-C2A-C3AMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.7	37.1
229	22.1	18.2	27.4

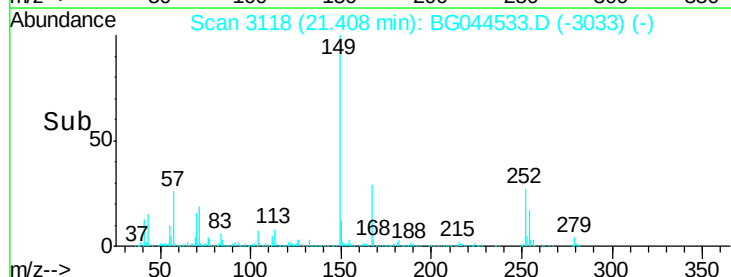
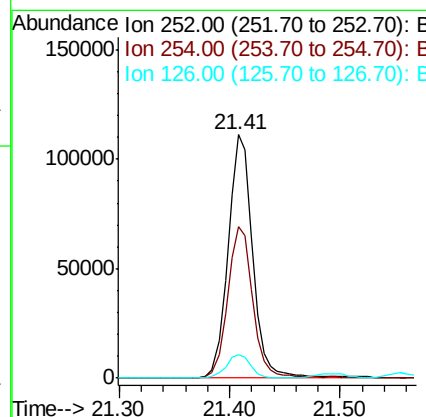
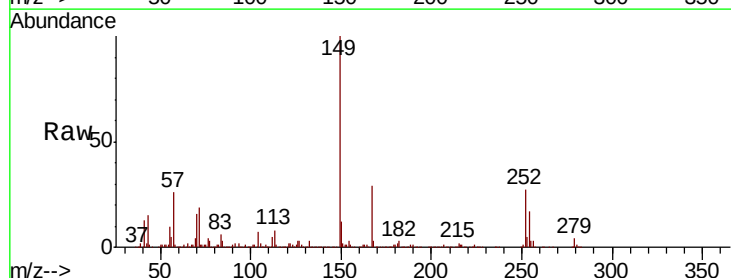
Manual Integrations
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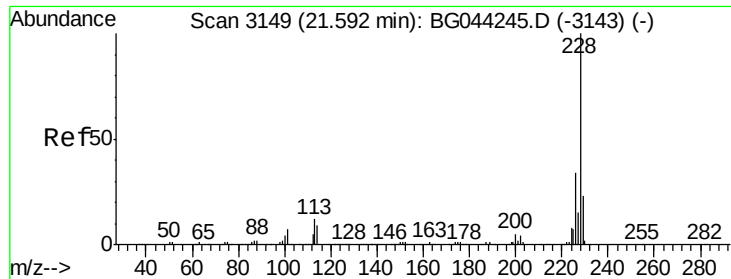
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 19.791 ng
RT: 21.41 min Scan# 3118
Delta R.T. -0.03 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.4	52.6	78.8
126	9.9	8.2	12.4





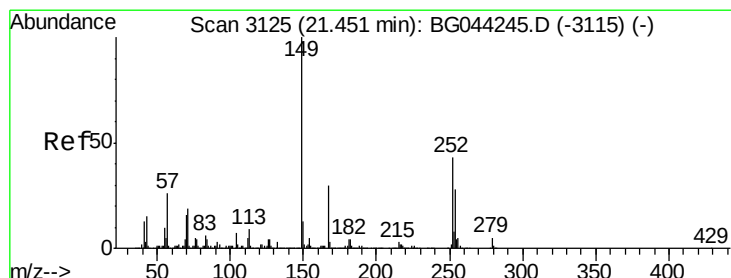
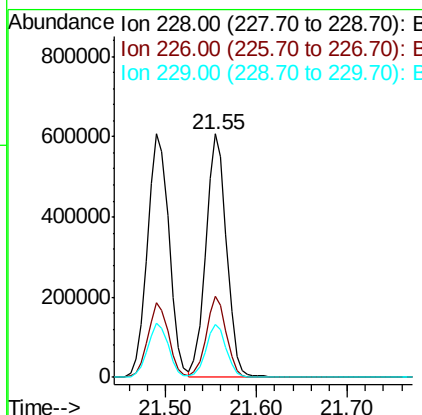
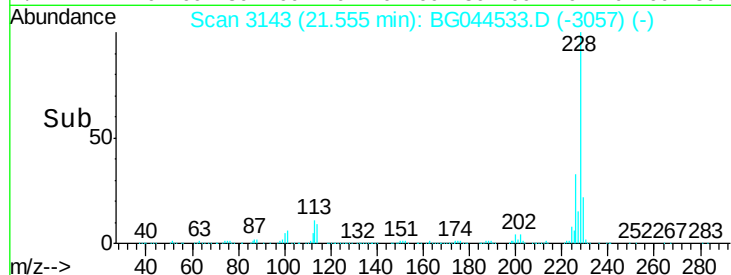
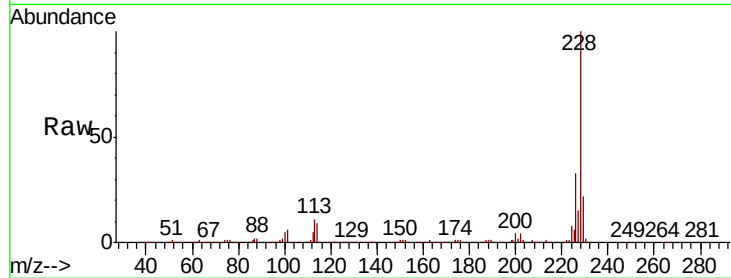
#83
 Chrysene
 Concen: 44.215 ng
 RT: 21.55 min Scan# 3143
 Delta R.T. -0.02 min
 Lab File: BG044533.D
 Acq: 20 Feb 2020 23:11

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-C2-C3-C2A-C3AMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.1	27.1	40.7
229	22.0	17.9	26.9

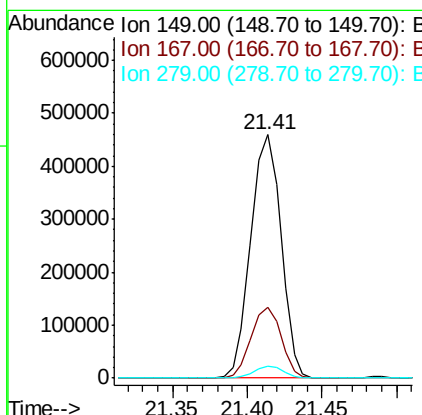
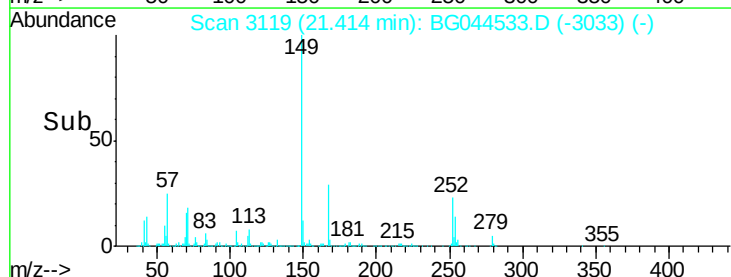
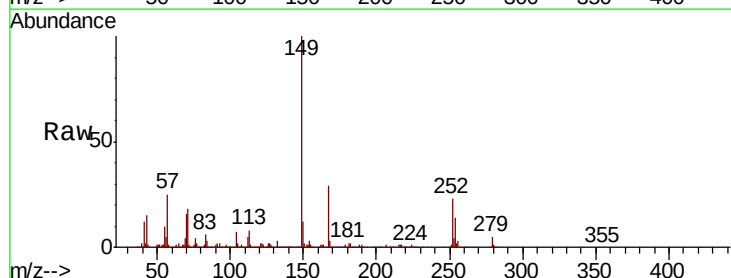
Manual Integrations
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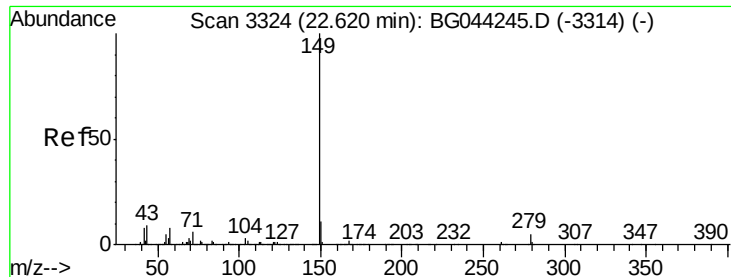
mohammad
 2/21/2020 2:17:55 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.658 ng
 RT: 21.41 min Scan# 3119
 Delta R.T. -0.02 min
 Lab File: BG044533.D
 Acq: 20 Feb 2020 23:11

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.1	24.0	36.0
279	4.9	3.8	5.8





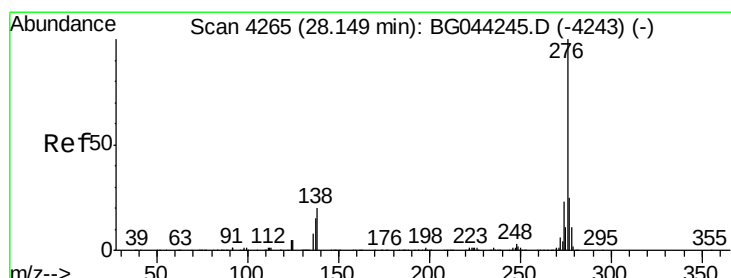
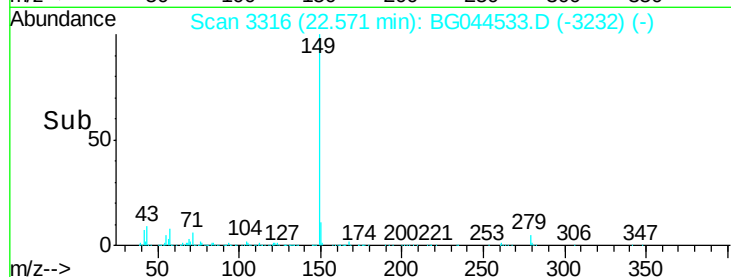
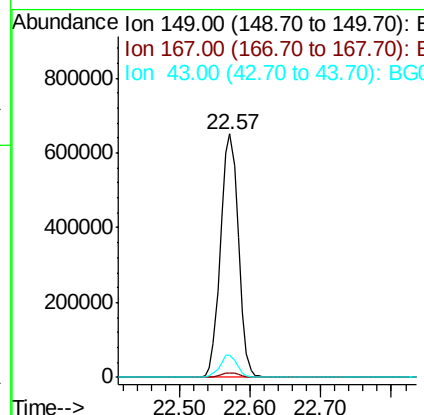
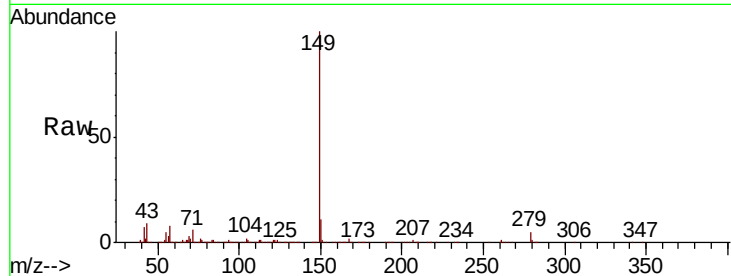
#85
Di-n-octyl phthalate
Concen: 44.676 ng
RT: 22.57 min Scan# 3316
Delta R.T. -0.03 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-C2-C3-C2A-C3AMSD

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

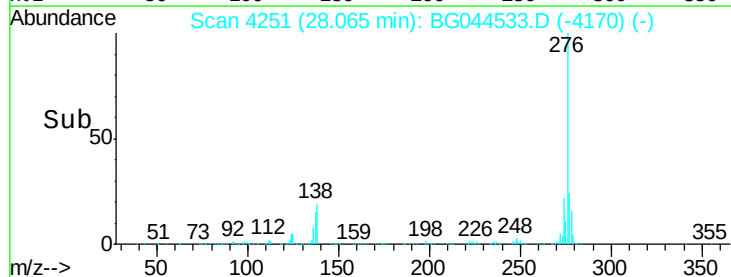
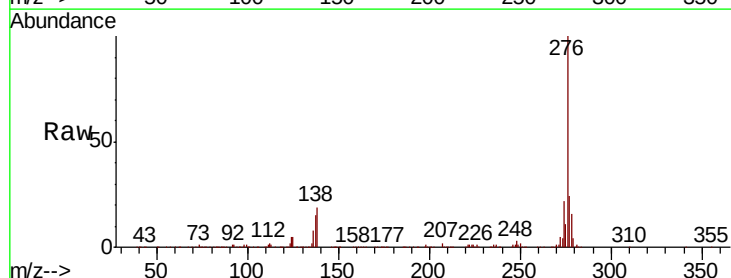
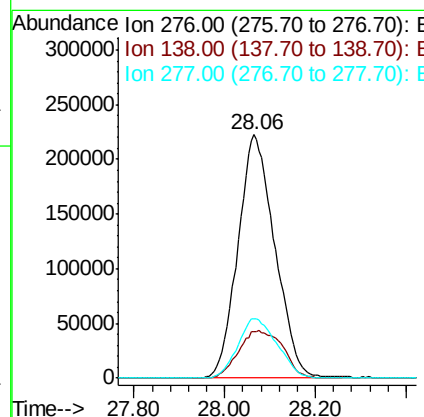
Manual Integrations
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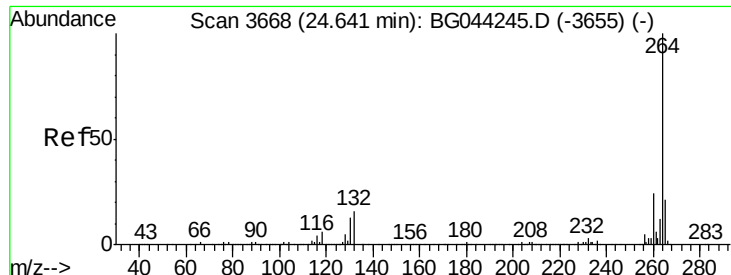
mohammad
2/21/2020 2:17:55 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 44.387 ng
RT: 28.06 min Scan# 4251
Delta R.T. -0.05 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.4	19.4	29.0
277	26.0	21.0	31.6





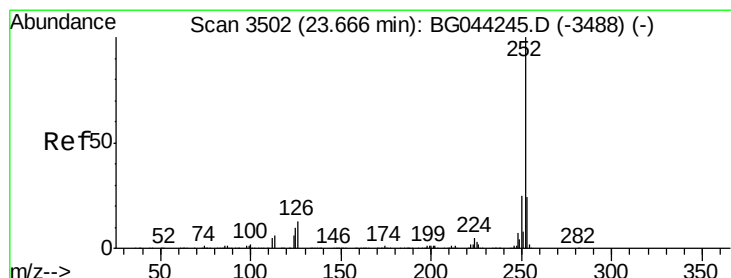
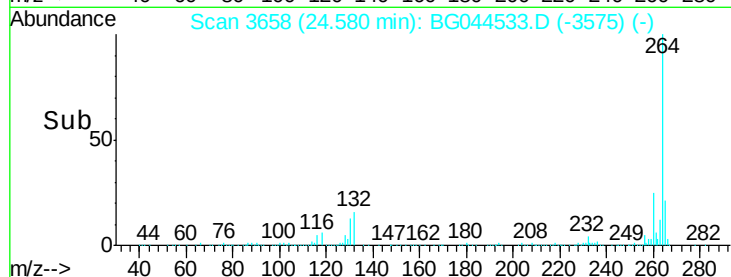
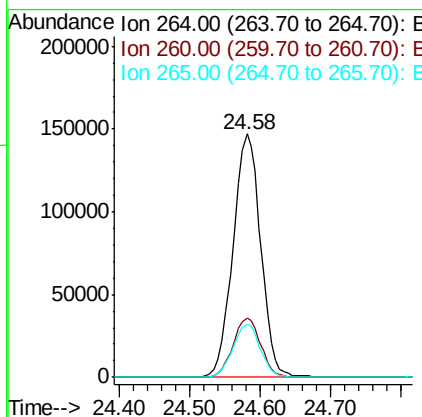
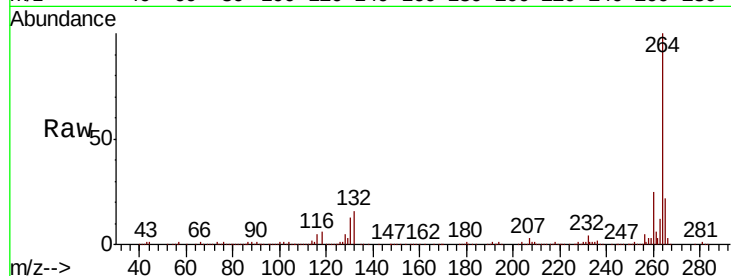
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.58 min Scan# 3658
Delta R.T. -0.04 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-C2-C3-C2A-C3AMSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.2
265	21.6	16.7	25.1

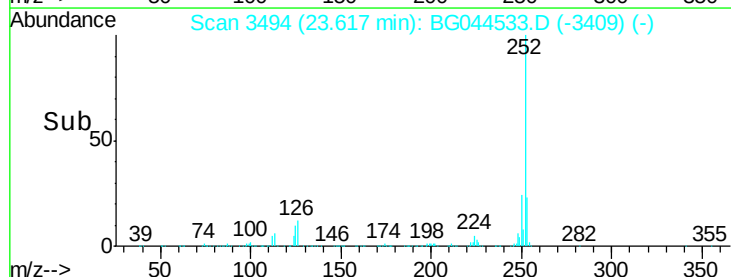
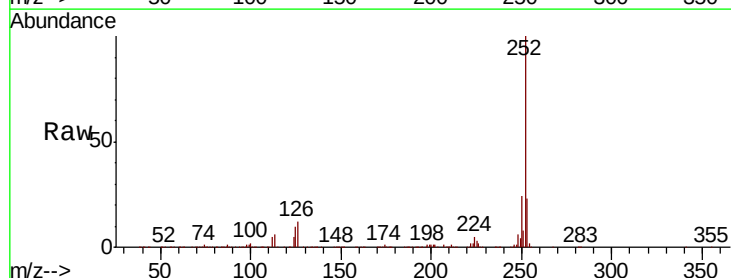
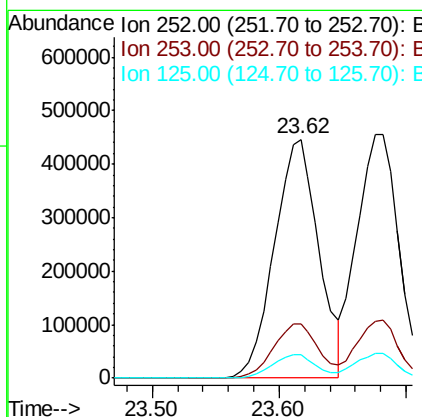
Manual Integrations
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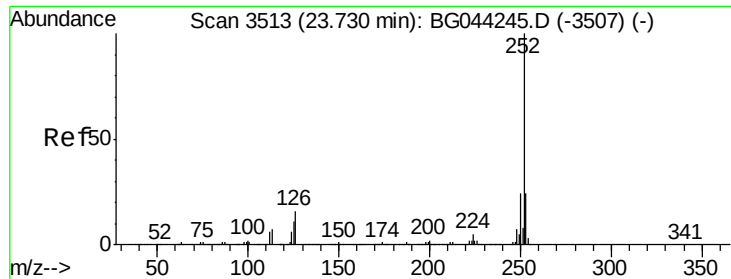
mohammad
2/21/2020 2:17:55 PM



#88
Benzo(b)fluoranthene
Concen: 47.078 ng
RT: 23.62 min Scan# 3494
Delta R.T. -0.03 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	19.2	28.8
125	10.0	8.4	12.6





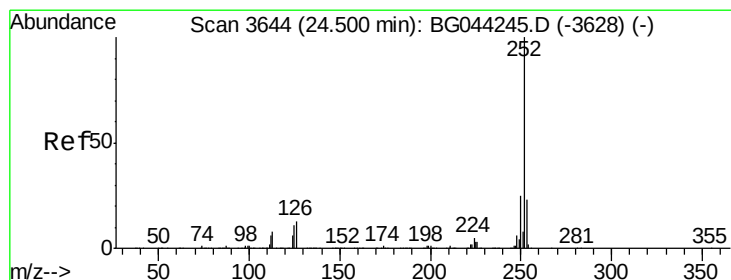
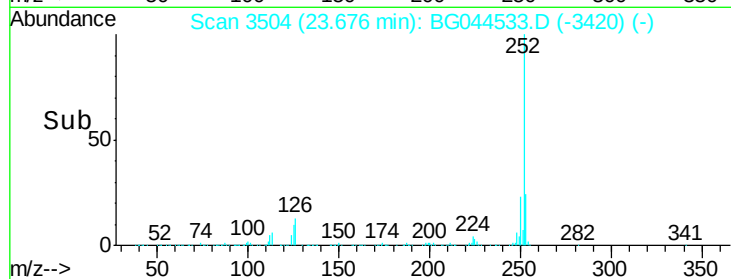
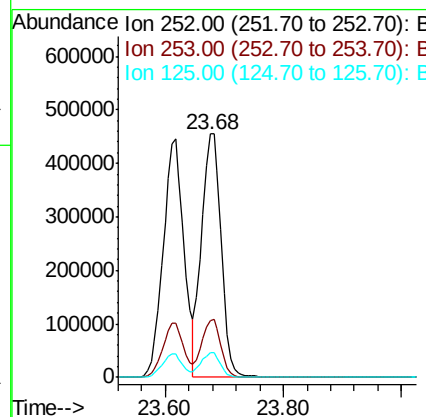
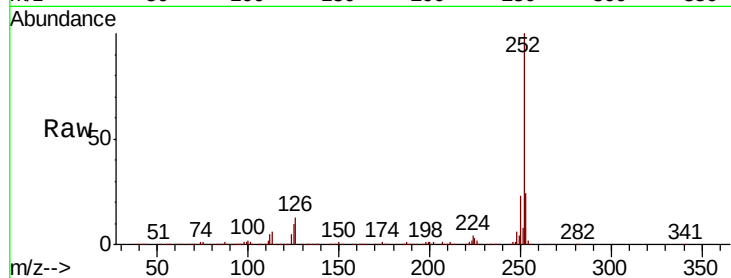
#89
Benzo(k)fluoranthene
Concen: 46.589 ng
RT: 23.68 min Scan# 3504
Delta R.T. -0.03 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-C2-C3-C2A-C3AMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.1	28.7
125	10.0	8.6	12.8

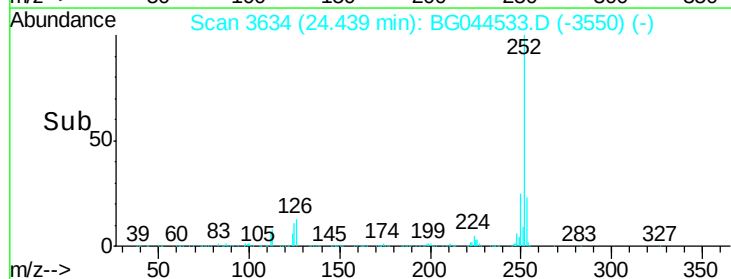
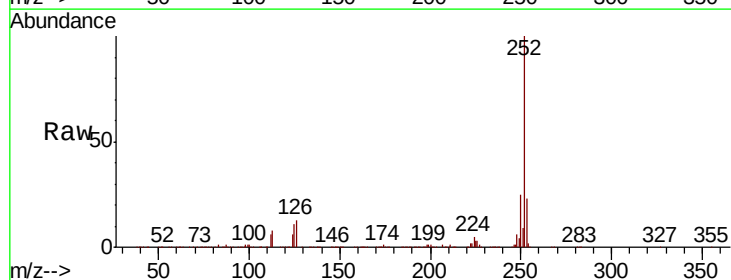
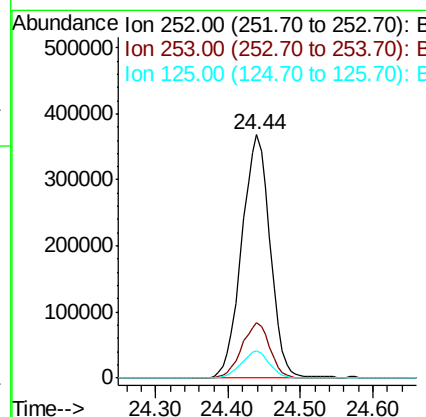
Manual Integrations
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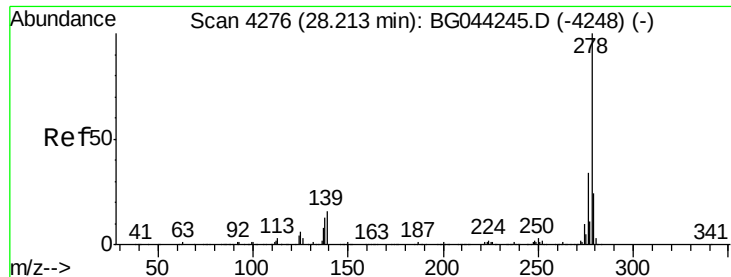
mohammad
2/21/2020 2:17:55 PM



#90
Benzo(a)pyrene
Concen: 45.848 ng
RT: 24.44 min Scan# 3634
Delta R.T. -0.03 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	11.0	8.6	13.0





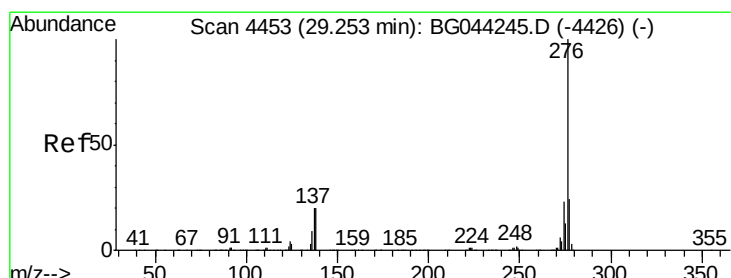
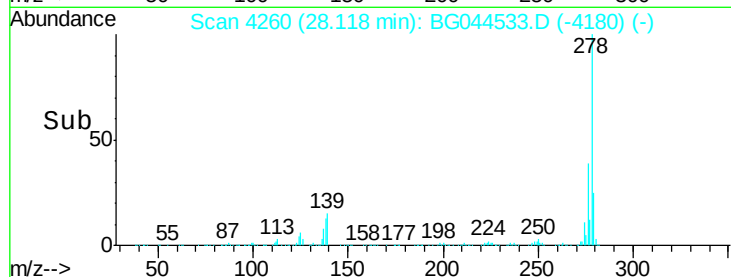
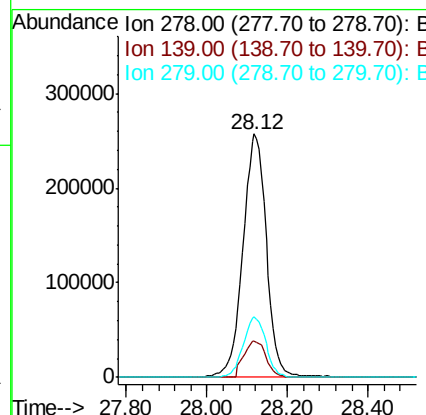
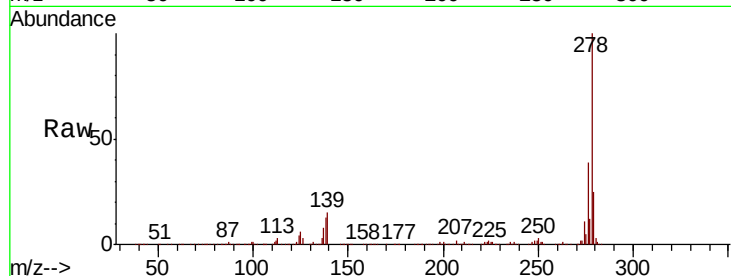
#91
Dibenzo(a,h)anthracene
Concen: 48.370 ng
RT: 28.12 min Scan# 4260
Delta R.T. -0.06 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-C2-C3-C2A-C3AMSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.8	12.7	19.1
279	24.7	19.3	28.9

Manual Integrations
APPROVED

mohammad
2/21/2020 2:17:55 PM



#92
Benzo(g,h,i)perylene
Concen: 49.064 ng
RT: 29.16 min Scan# 4437
Delta R.T. -0.05 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.8	28.2
138	19.9	16.2	24.2

