

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM053019\
 Data File : BM020601.D
 Acq On : 29 May 2019 16:09
 Operator : JU/SJ
 Sample : PB119867BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB119867BS

Manual Integrations
 APPROVED

mohammad

5/30/2019 8:16:15 AM

Quant Time: May 30 02:19:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM052419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 30 02:15:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	51130	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	171959	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	107689	20.00	ng	0.00
64) Phenanthrene-d10	17.04	188	244764	20.00	ng	0.00
76) Chrysene-d12	21.24	240	261677	20.00	ng	0.00
87) Perylene-d12	23.47	264	282286	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	438939	168.42	ng	0.00
7) Phenol-d6	6.80	99	565372	143.72	ng	0.00
23) Nitrobenzene-d5	8.80	82	375722	91.71	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	294221	136.37	ng	0.00
45) 2-Fluorobiphenyl	12.90	172	828658	96.56	ng	0.00
79) Terphenyl-d14	19.68	244	1361284	94.04	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.13	88	83873	61.498	ng	99
3) Pyridine	3.53	79	149759	37.355	ng	99
4) n-Nitrosodimethylamine	3.46	42	37032	38.288	ng	# 88
6) Aniline	6.97	93	142285	25.005	ng	100
8) 2-Chlorophenol	7.19	128	141204	44.307	ng	99
9) Benzaldehyde	6.79	77	66775m	26.589	ng	
10) Phenol	6.83	94	180030	42.382	ng	100
11) bis(2-Chloroethyl)ether	7.07	93	118478	37.375	ng	99
12) 1,3-Dichlorobenzene	7.51	146	162064	39.708	ng	98
13) 1,4-Dichlorobenzene	7.66	146	157773	38.674	ng	98
14) 1,2-Dichlorobenzene	7.97	146	158543	38.765	ng	96
15) Benzyl Alcohol	7.88	79	128920m	35.417	ng	
16) 2,2'-oxybis(1-Chloropropan	8.16	45	79873	36.152	ng	99
17) 2-Methylphenol	8.07	107	107123	38.199	ng	97
18) Hexachloroethane	8.68	117	65454	39.607	ng	92
19) n-Nitroso-di-n-propylamine	8.43	70	121266	34.717	ng	97
20) 3+4-Methylphenols	8.40	107	136859	36.390	ng	99
22) Acetophenone	8.46	105	202889	42.847	ng	98
24) Nitrobenzene	8.84	77	177318	43.825	ng	96
25) Isophorone	9.36	82	317246	41.616	ng	99
26) 2-Nitrophenol	9.55	139	61628	41.280	ng	98
27) 2,4-Dimethylphenol	9.60	122	105117	47.266	ng	97
28) bis(2-Chloroethoxy)methane	9.84	93	153009	38.558	ng	98
29) 2,4-Dichlorophenol	10.07	162	126504	42.768	ng	99
30) 1,2,4-Trichlorobenzene	10.27	180	177808	43.965	ng	97
31) Naphthalene	10.46	128	386963	43.583	ng	99
32) Benzoic acid	9.72	122	7294m	13.938	ng	
33) 4-Chloroaniline	10.60	127	61860m	17.456	ng	
34) Hexachlorobutadiene	10.72	225	138925	46.202	ng	99
35) Caprolactam	11.40	113	30619m	31.453	ng	
36) 4-Chloro-3-methylphenol	11.72	107	122212	37.968	ng	95
37) 2-Methylnaphthalene	12.09	142	277122	40.855	ng	96
38) 1-Methylnaphthalene	12.31	142	267447	40.694	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.46	216	228667	50.512	ng	99

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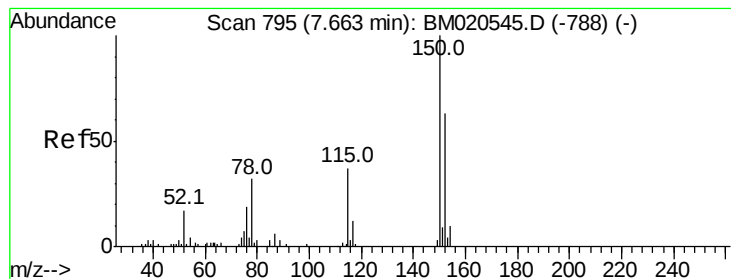
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.42	237	121402	57.335	ng	99
43) 2,4,6-Trichlorophenol	12.71	196	125681	44.862	ng	97
44) 2,4,5-Trichlorophenol	12.79	196	116171	44.406	ng	98
46) 1,1'-Biphenyl	13.12	154	376723	45.422	ng	99
47) 2-Chloronaphthalene	13.16	162	308389	43.863	ng	98
48) 2-Nitroaniline	13.39	65	69821	33.536	ng	87
49) Acenaphthylene	14.01	152	461476	43.161	ng	100
50) Dimethylphthalate	13.75	163	390839	40.974	ng	100
51) 2,6-Dinitrotoluene	13.89	165	80213	40.348	ng	91
52) Acenaphthene	14.35	154	271528	42.141	ng	99
53) 3-Nitroaniline	14.23	138	32938	22.008	ng	90
54) 2,4-Dinitrophenol	14.45	184	44093	40.329	ng	97
55) Dibenzofuran	14.69	168	473917	42.505	ng	99
56) 4-Nitrophenol	14.55	139	72913	58.150	ng	96
57) 2,4-Dinitrotoluene	14.68	165	104580	36.428	ng	88
58) Fluorene	15.34	166	368490	39.785	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.92	232	130195	42.769	ng	99
60) Diethylphthalate	15.12	149	364264	38.760	ng	99
61) 4-Chlorophenyl-phenylether	15.34	204	242202	40.961	ng	99
62) 4-Nitroaniline	15.40	138	47983m	28.713	ng	
63) Azobenzene	15.63	77	371615	40.636	ng	97
65) 4,6-Dinitro-2-methylphenol	15.44	198	43554	30.717	ng	97
66) n-Nitrosodiphenylamine	15.56	169	313232	47.197	ng	98
67) 4-Bromophenyl-phenylether	16.23	248	147460	45.224	ng	96
68) Hexachlorobenzene	16.33	284	181475	45.904	ng	98
69) Atrazine	16.52	200	120946	44.293	ng	98
70) Pentachlorophenol	16.69	266	193574	94.793	ng	99
71) Phenanthrene	17.09	178	568434	42.749	ng	99
72) Anthracene	17.17	178	541332	41.980	ng	99
73) Carbazole	17.46	167	430217	38.876	ng	99
74) Di-n-butylphthalate	18.00	149	553367	40.650	ng	99
75) Fluoranthene	19.11	202	710025	38.399	ng	100
77) Benzidine	19.32	184	250237m	52.035	ng	
78) Pyrene	19.47	202	719858	43.818	ng	100
80) Butylbenzylphthalate	20.37	149	226726	39.279	ng	98
81) Benzo(a)anthracene	21.23	228	723418	39.944	ng	99
82) 3,3'-Dichlorobenzidine	21.17	252	240251	36.344	ng	100
83) Chrysene	21.28	228	757862	43.306	ng	100
84) Bis(2-ethylhexyl)phthalate	21.14	149	327134	38.885	ng	98
85) Di-n-octyl phthalate	22.02	149	579598	39.630	ng	100
86) Indeno(1,2,3-cd)pyrene	25.72	276	1095195	51.759	ng	99
88) Benzo(b)fluoranthene	22.80	252	871910	47.191	ng	100
89) Benzo(k)fluoranthene	22.84	252	846672	47.216	ng	98
90) Benzo(a)pyrene	23.37	252	841837	49.514	ng	100
91) Dibenzo(a,h)anthracene	25.73	278	934459	53.693	ng	98
92) Benzo(g,h,i)perylene	26.41	276	921866	57.141	ng	99

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.63 min Scan# 789
 Delta R.T. -0.00 min
 Lab File: BM020601.D
 Acq: 29 May 2019 16:09

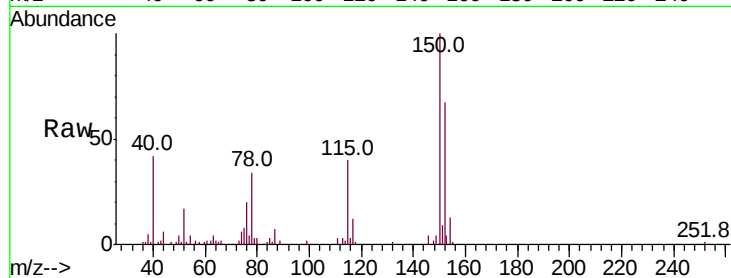
Instrument :
 BNA_M
 ClientSampleId :
 PB119867BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.1	126.6	190.0
115	60.4	46.6	70.0

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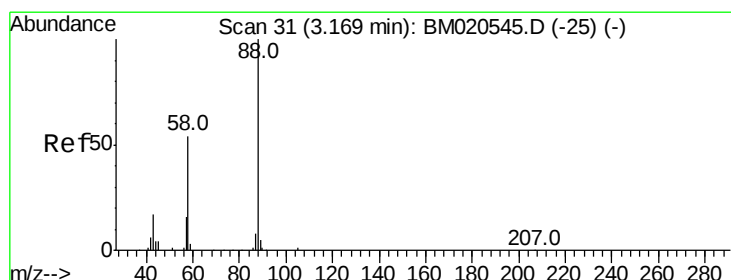
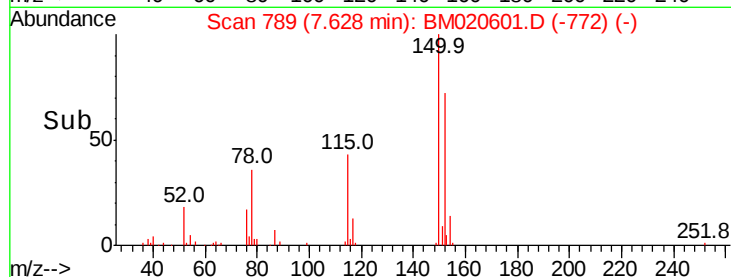
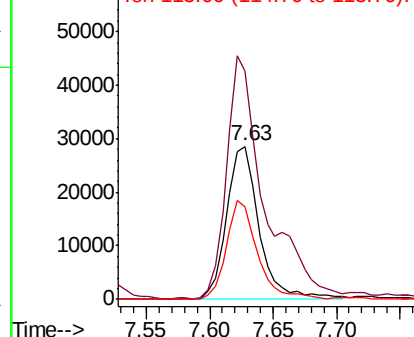


Abundance

Ion 152.00 (151.70 to 152.70): E

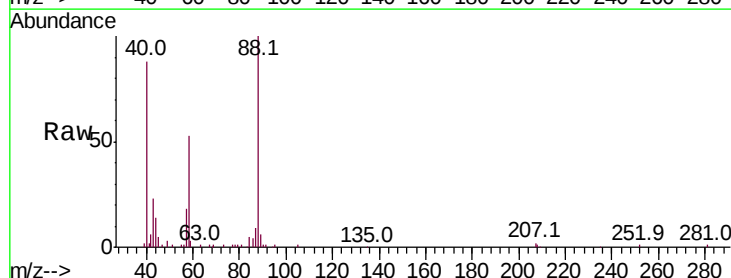
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2
 1,4-Dioxane
 Concen: 61.498 ng
 RT: 3.13 min Scan# 24
 Delta R.T. -0.00 min
 Lab File: BM020601.D
 Acq: 29 May 2019 16:09

Tgt Ion	Ratio	Lower	Upper
88	100		
58	52.1	42.3	63.5
43	19.7	16.0	24.0

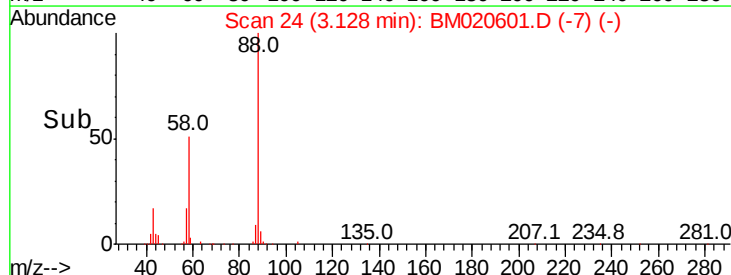
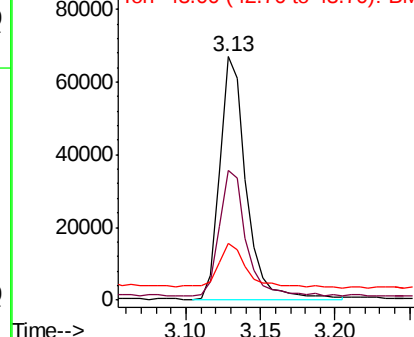


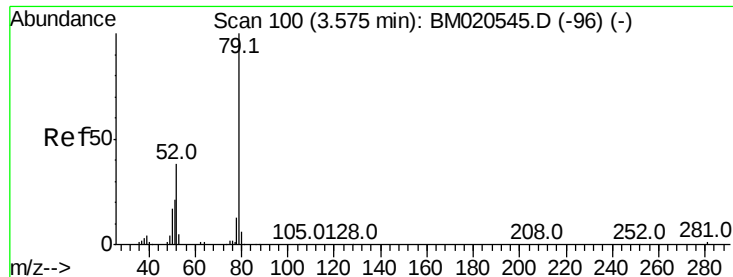
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 37.355 ng

RT: 3.53 min Scan# 93

Delta R.T. -0.01 min

Lab File: BM020601.D

Acq: 29 May 2019 16:09

Instrument :

BNA_M

ClientSampled :

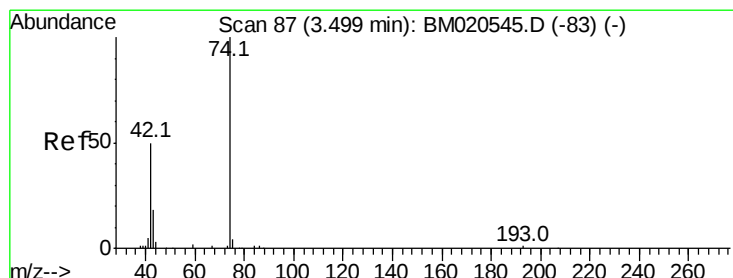
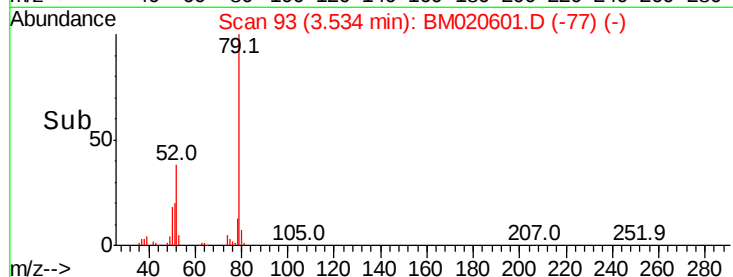
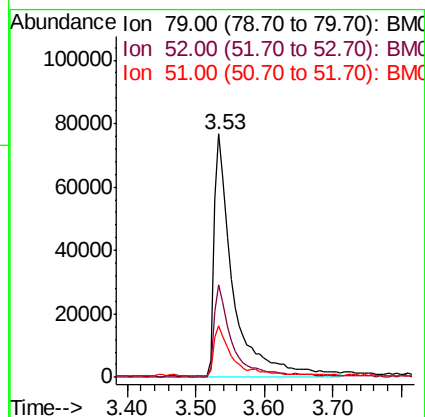
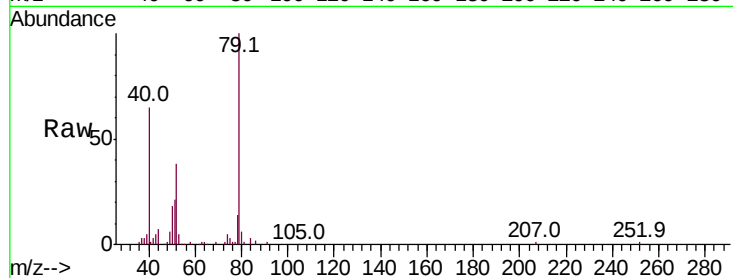
PB119867BS

Tot Ion:	79	Resp:	149759
Ion Ratio	Lower	Upper	
79	100		
52	37.8	30.1	45.1
51	21.2	17.8	26.8

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#4

n-Nitrosodimethylamine

Concen: 38.288 ng

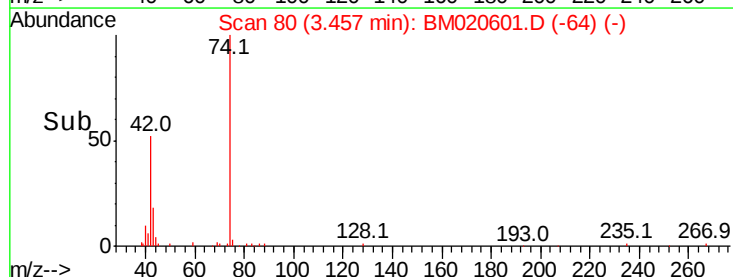
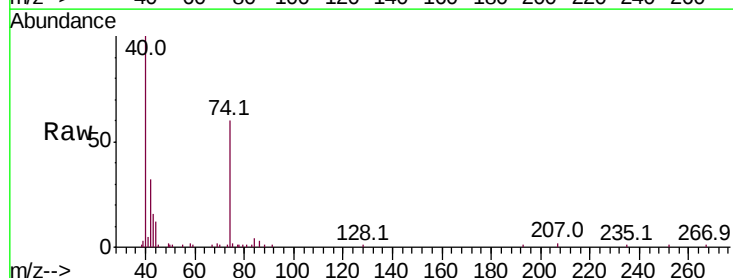
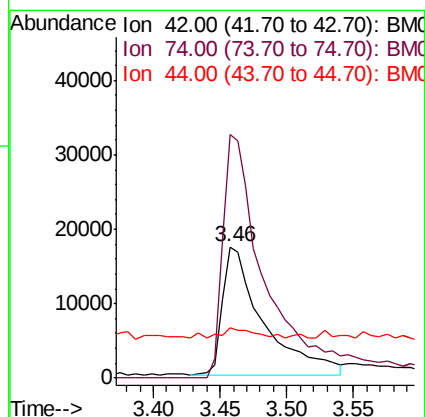
RT: 3.46 min Scan# 80

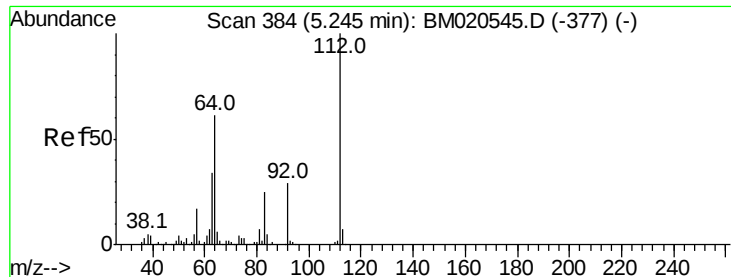
Delta R.T. -0.01 min

Lab File: BM020601.D

Acq: 29 May 2019 16:09

Tgt Ion:	42	Resp:	37032
Ion Ratio	Lower	Upper	
42	100		
74	185.5	161.1	241.7
44	38.5	20.9	31.3





#5

2-Fluorophenol

Concen: 168.417 ng

RT: 5.21 min Scan# 378

Delta R.T. 0.01 min

Lab File: BM020601.D

Acq: 29 May 2019 16:09

Instrument :

BNA_M

ClientSampleId :

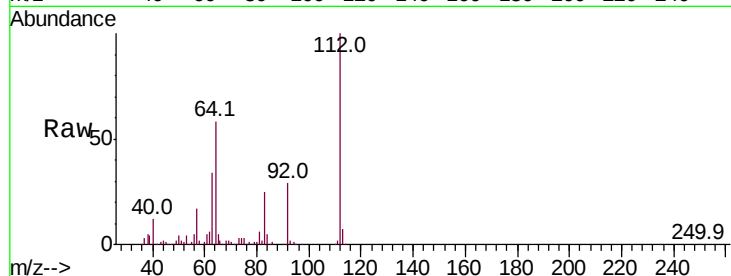
PB119867BS

Tot Ion:	112	Resp:	438939
Ion Ratio	Lower	Upper	
112	100		
64	58.3	48.6	73.0
63	33.5	27.4	41.0

Manual Integrations
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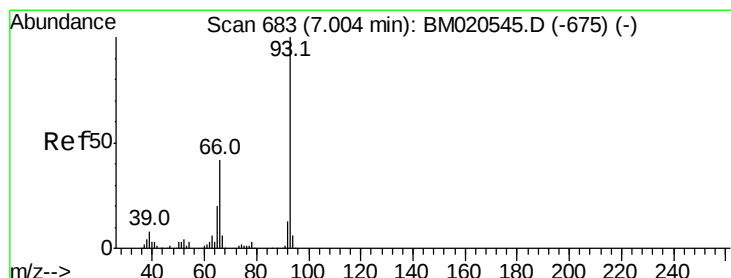
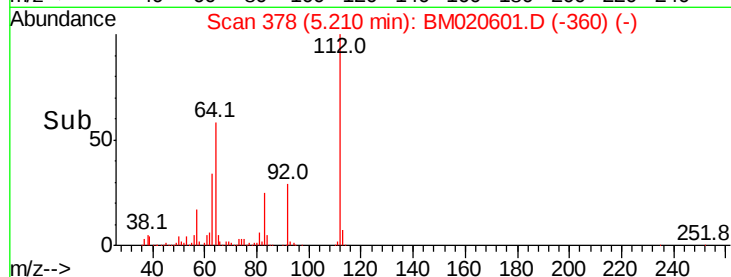
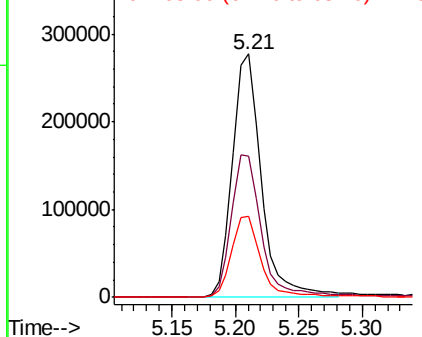
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 25.005 ng

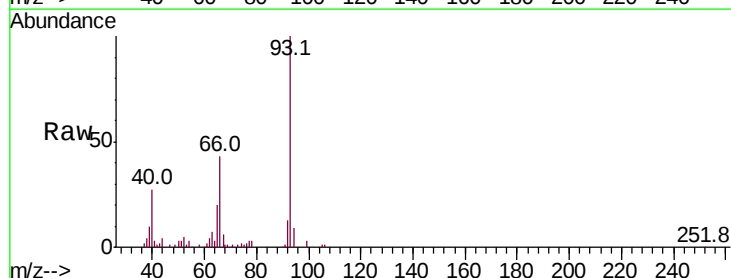
RT: 6.97 min Scan# 677

Delta R.T. 0.01 min

Lab File: BM020601.D

Acq: 29 May 2019 16:09

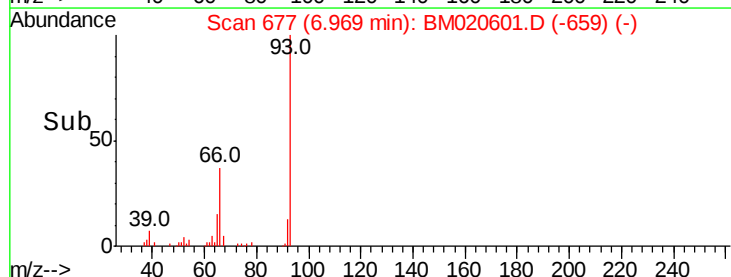
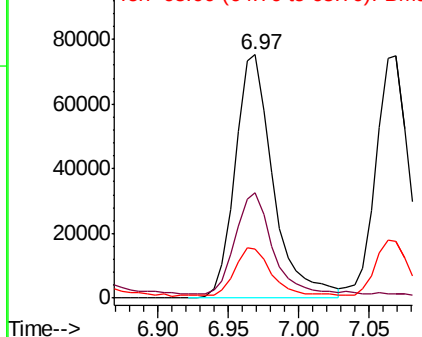
Tgt Ion:	93	Resp:	142285
Ion Ratio	Lower	Upper	
93	100		
66	43.4	34.5	51.7
65	20.1	16.2	24.2

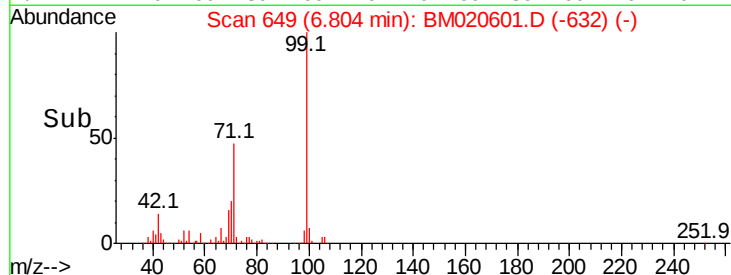
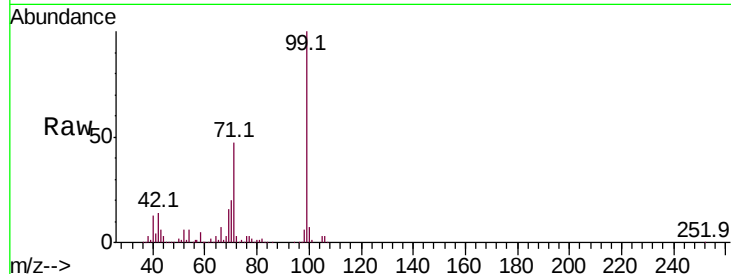
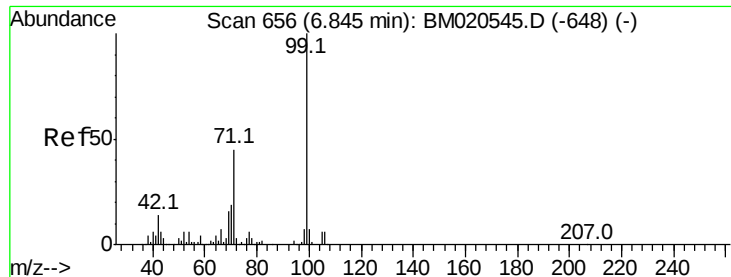


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 143.724 ng

RT: 6.80 min Scan# 649

Delta R.T. -0.00 min

Lab File: BM020601.D

Acq: 29 May 2019 16:09

Tot Ion:	99	Resp:	565372
Ion Ratio	Lower	Upper	
99	100		
42	13.9	10.8	16.2
71	46.9	36.3	54.5

Instrument :

BNA_M

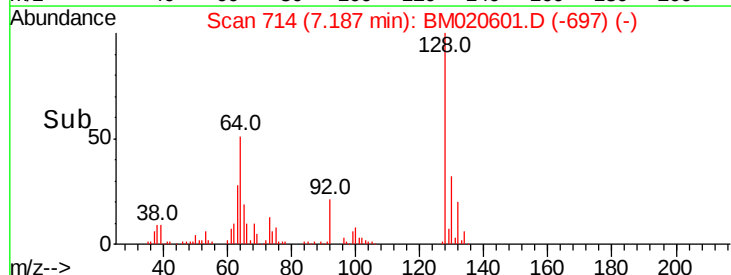
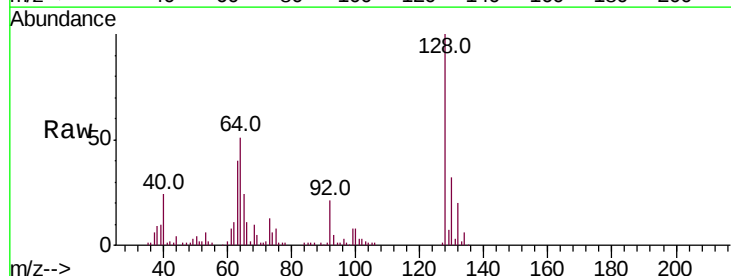
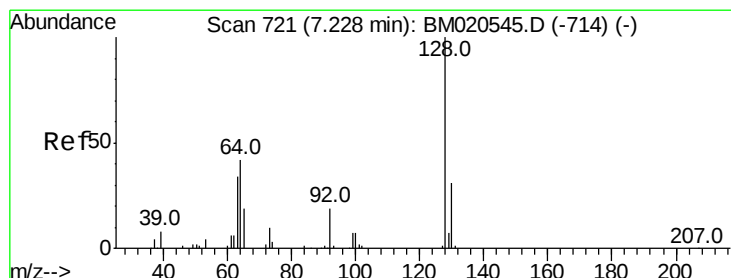
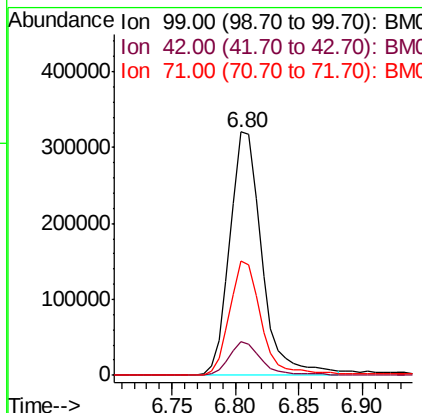
ClientSampleId :

PB119867BS

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#8

2-Chlorophenol

Concen: 44.307 ng

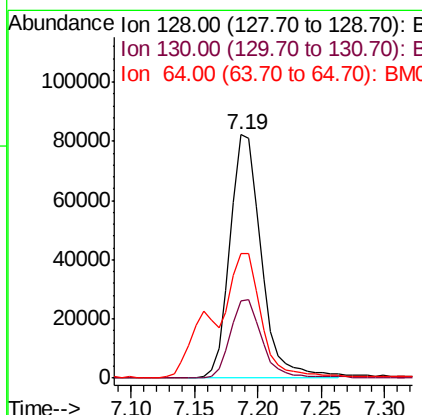
RT: 7.19 min Scan# 714

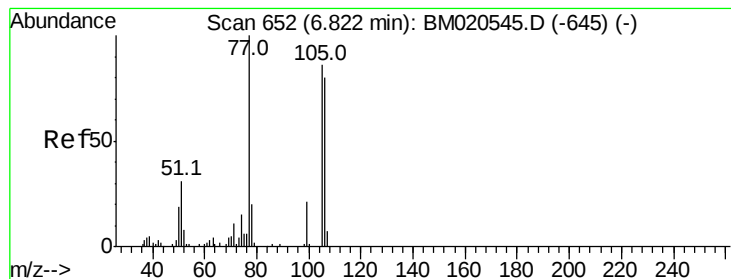
Delta R.T. -0.00 min

Lab File: BM020601.D

Acq: 29 May 2019 16:09

Tgt Ion:	128	Resp:	141204
Ion Ratio	Lower	Upper	
128	100		
130	31.8	11.2	51.2
64	51.4	31.1	71.1





#9

Benzaldehyde

Concen: 26.589 ng/mL

RT: 6.79 min Scan# 646

Delta R.T. -0.00 min

Lab File: BM020601.D

Acq: 29 May 2019 16:09

Instrument :

BNA_M

ClientSampleId :

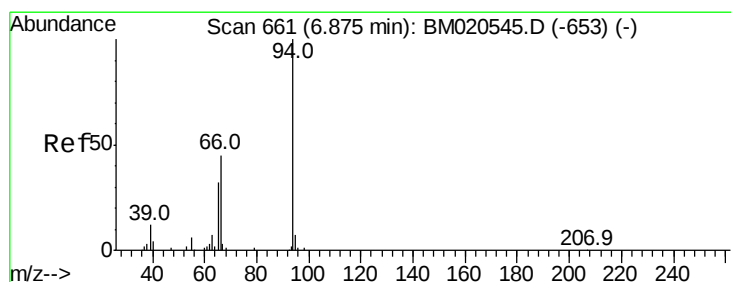
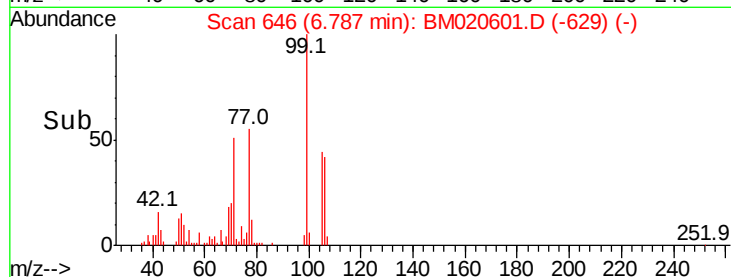
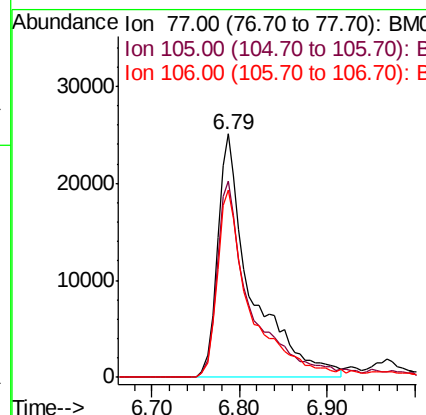
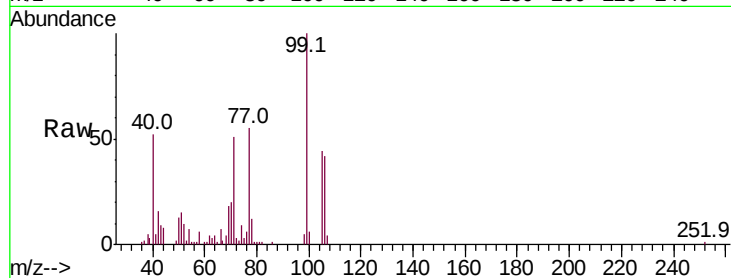
PB119867BS

Tot Ion:	77	Resp:	66775
Ion	Ratio	Lower	Upper
77	100		
105	80.8	66.1	106.1
106	77.0	60.0	100.0

Manual Integrations
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#10

Phenol

Concen: 42.382 ng/mL

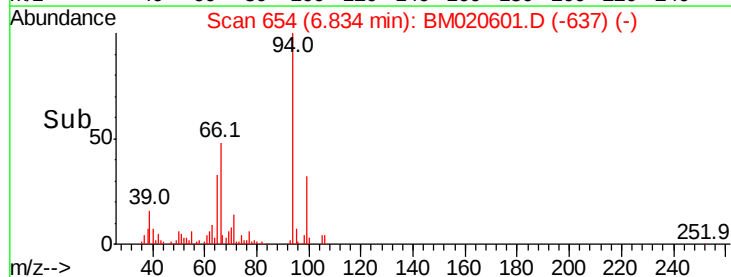
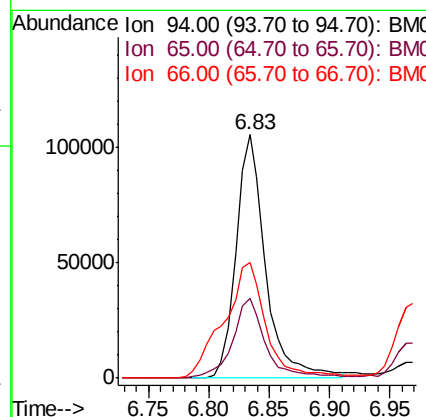
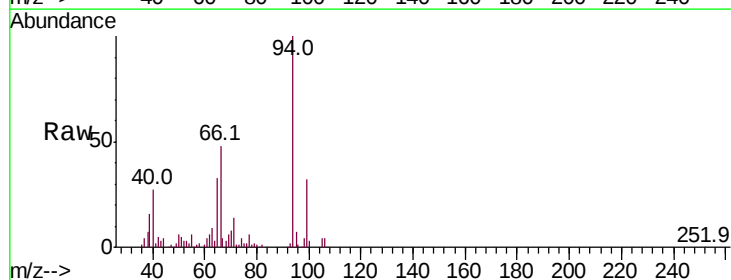
RT: 6.83 min Scan# 654

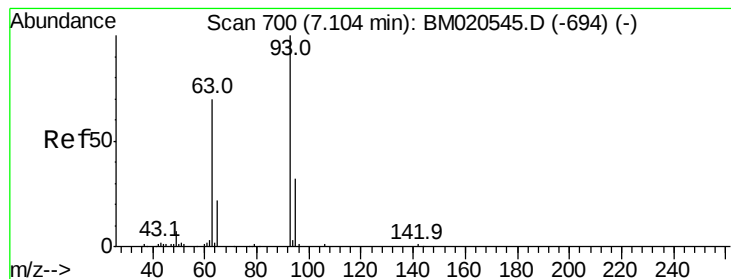
Delta R.T. -0.00 min

Lab File: BM020601.D

Acq: 29 May 2019 16:09

Tgt Ion:	94	Resp:	180030
Ion	Ratio	Lower	Upper
94	100		
65	32.5	12.4	52.4
66	47.7	27.4	67.4





#11
bis(2-Chloroethyl)ether
Concen: 37.375 ng
RT: 7.07 min Scan# 694
Delta R.T. 0.01 min
Lab File: BM020601.D
Acq: 29 May 2019 16:09

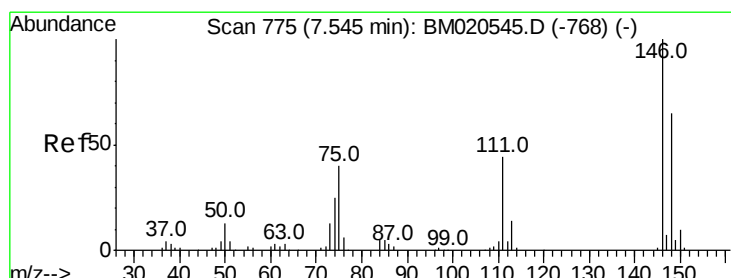
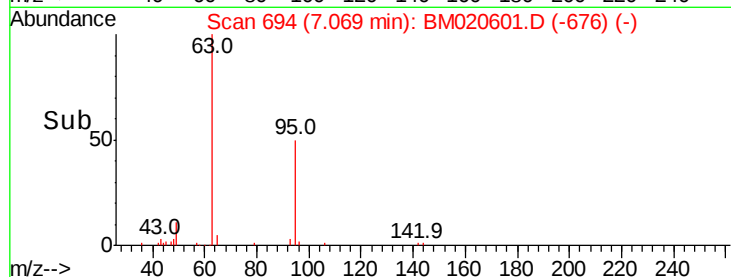
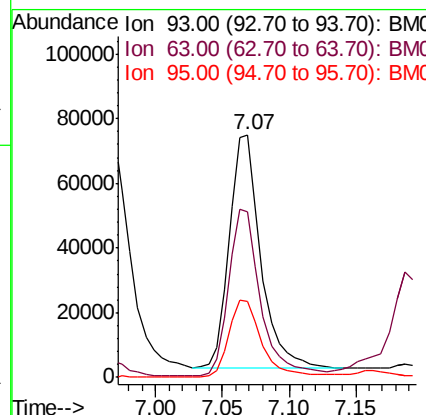
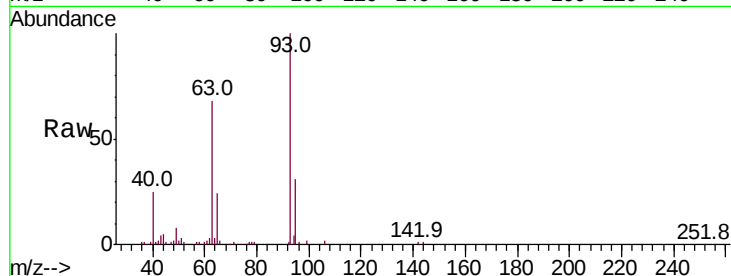
Instrument :
BNA_M
ClientSampleID :
PB119867BS

Tot Ion:	93	Resp:	118478
Ion	Ratio	Lower	Upper
93	100		
63	68.1	47.6	87.6
95	31.3	10.9	50.9

Manual Integrations
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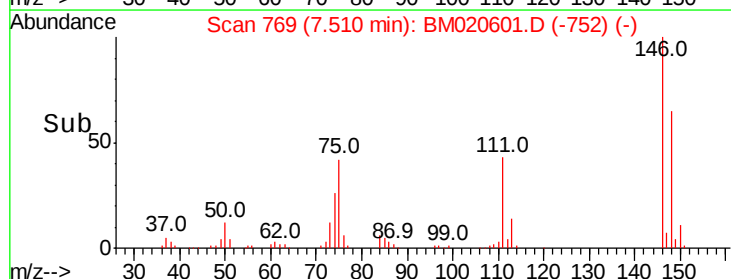
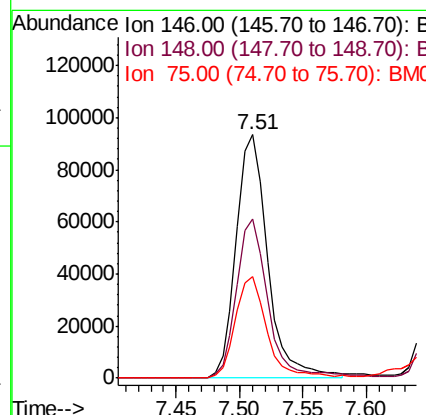
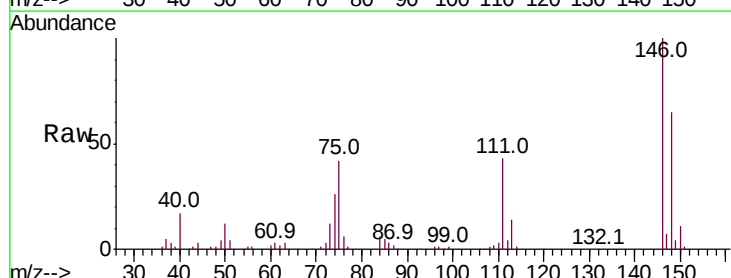
mohammad

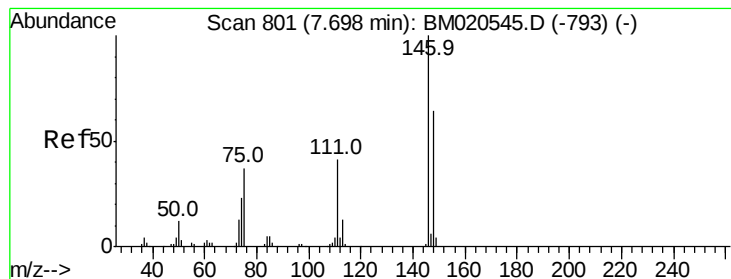
5/30/2019 8:16:15 AM



#12
1,3-Dichlorobenzene
Concen: 39.708 ng
RT: 7.51 min Scan# 769
Delta R.T. -0.00 min
Lab File: BM020601.D
Acq: 29 May 2019 16:09

Tgt Ion:	146	Resp:	162064
Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.9	77.9
75	41.6	31.6	47.4





#13

1,4-Dichlorobenzene

Concen: 38.674 ng

RT: 7.66 min Scan# 795

Delta R.T. 0.01 min

Lab File: BM020601.D

Acq: 29 May 2019 16:09

Instrument :

BNA_M

ClientSampleId :

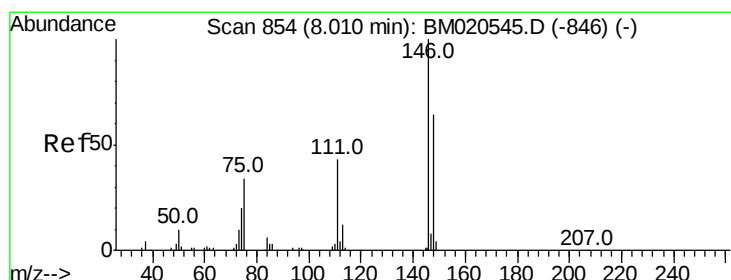
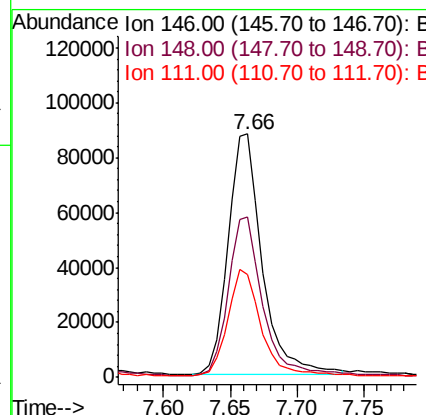
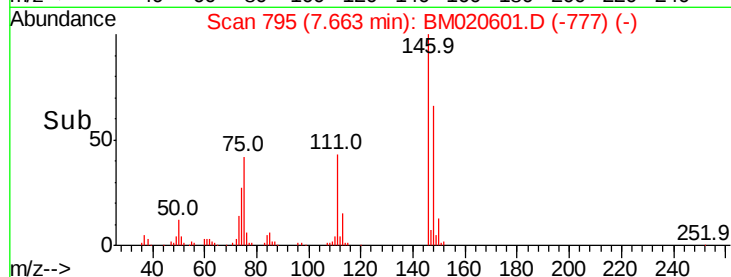
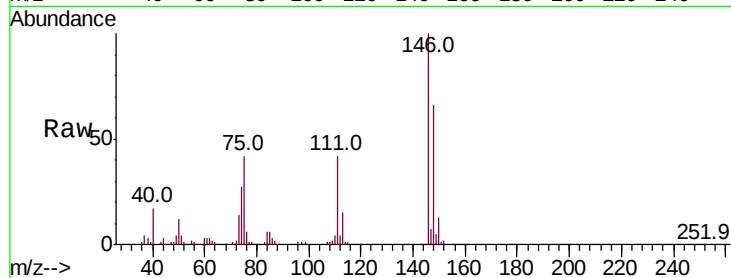
PB119867BS

Tot Ion:	146	Resp:	157773
Ion Ratio	Lower	Upper	
146	100		
148	66.1	51.1	76.7
111	42.4	33.5	50.3

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 38.765 ng

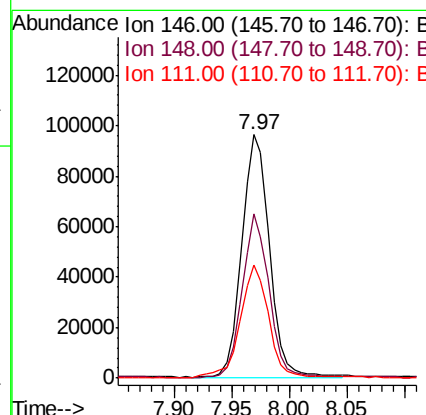
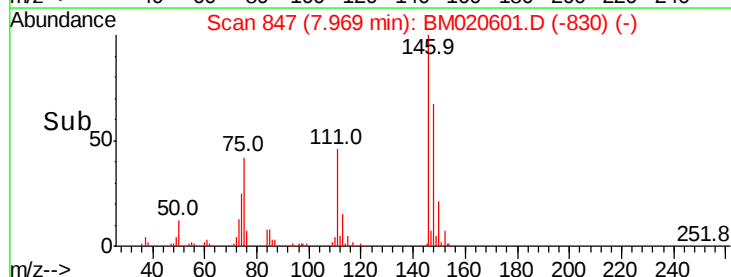
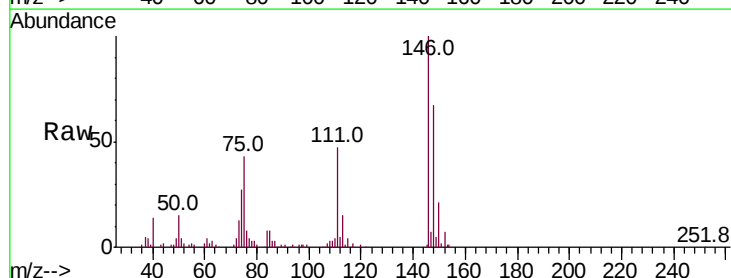
RT: 7.97 min Scan# 847

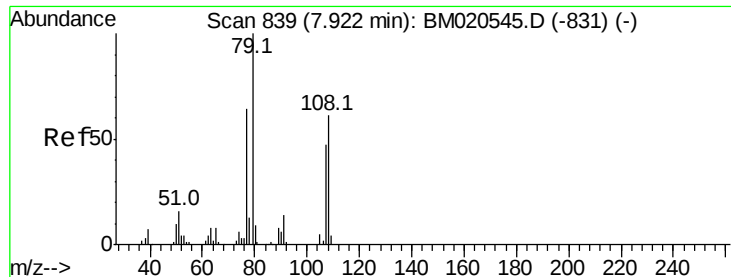
Delta R.T. -0.00 min

Lab File: BM020601.D

Acq: 29 May 2019 16:09

Tgt Ion:	146	Resp:	158543
Ion Ratio	Lower	Upper	
146	100		
148	67.3	51.2	76.8
111	46.5	35.2	52.8





#15

Benzyl Alcohol

Concen: 35.417 ng/ml

RT: 7.88 min Scan# 832

Delta R.T. -0.00 min

Lab File: BM020601.D

Acq: 29 May 2019 16:09

Instrument :

BNA_M

ClientSampleID :

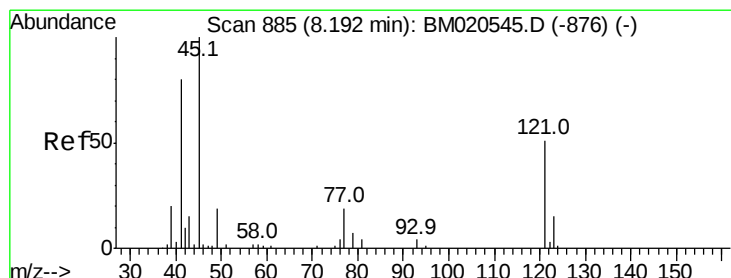
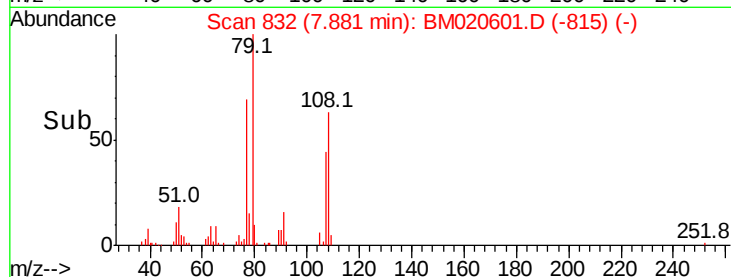
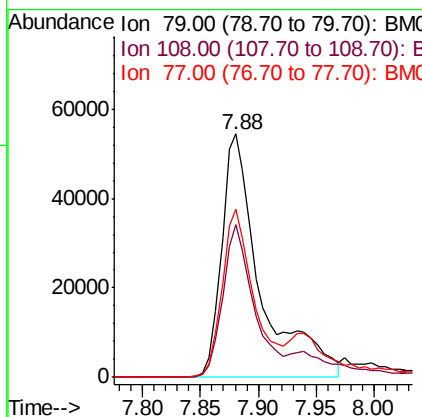
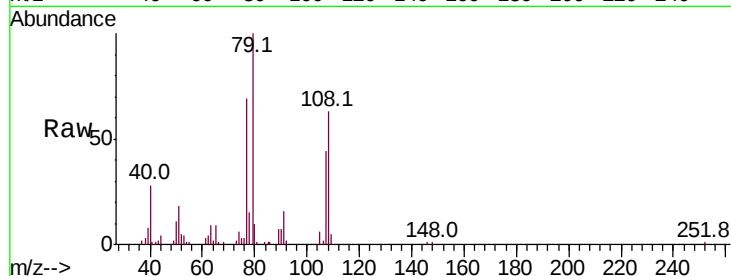
PB119867BS

Tot Ion:	79	Resp:	128920
Ion Ratio	Lower	Upper	
79	100		
108	62.9	48.5	72.7
77	69.1	50.9	76.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.152 ng/ml

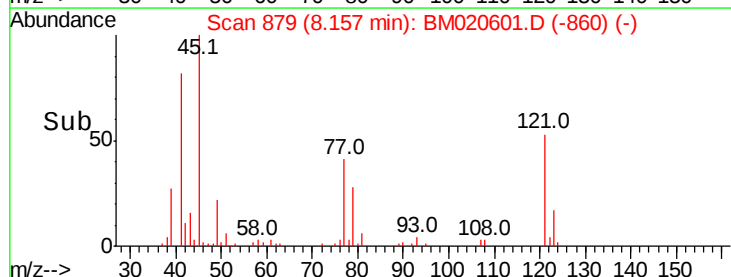
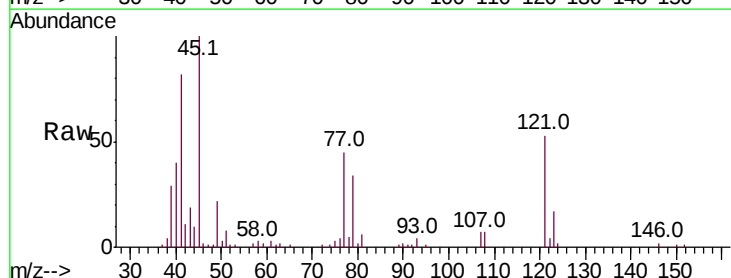
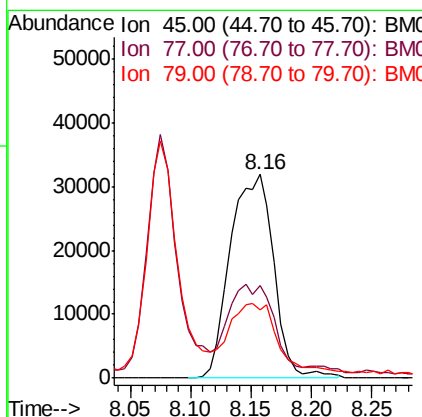
RT: 8.16 min Scan# 879

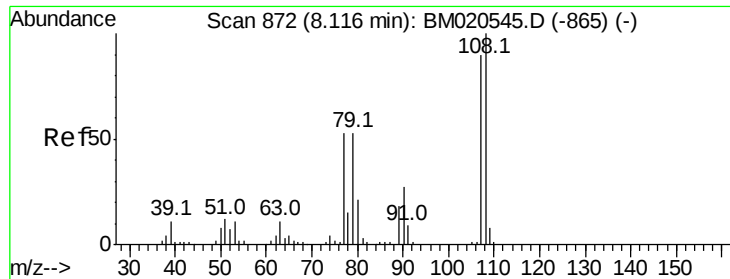
Delta R.T. 0.01 min

Lab File: BM020601.D

Acq: 29 May 2019 16:09

Tgt Ion:	45	Resp:	79873
Ion Ratio	Lower	Upper	
45	100		
77	45.3	25.0	65.0
79	33.6	13.1	53.1





#17
2-Methylphenol
Concen: 38.199 ng
RT: 8.07 min Scan# 865
Delta R.T. -0.00 min
Lab File: BM020601.D
Acq: 29 May 2019 16:09

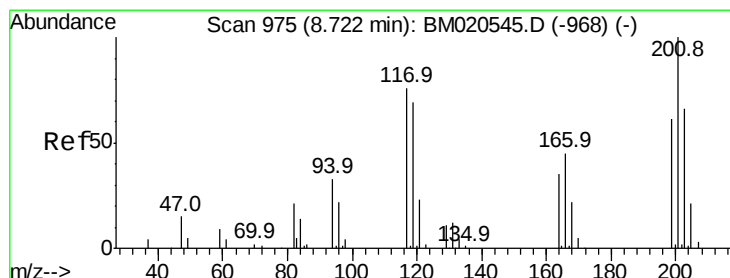
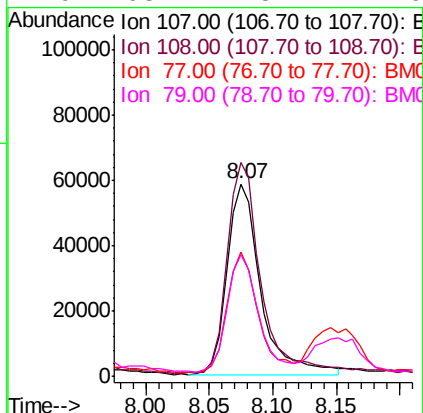
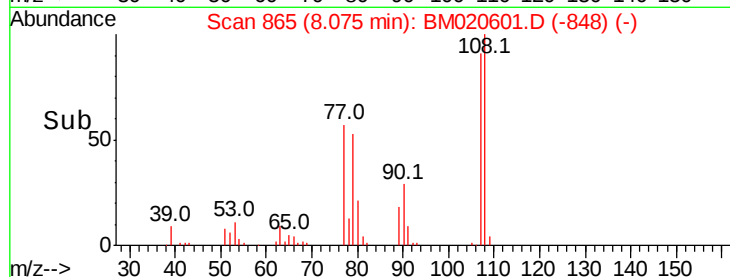
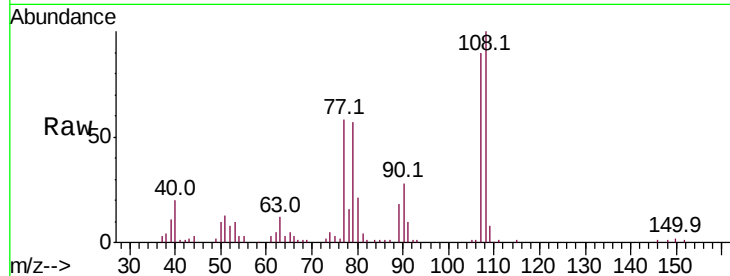
Instrument :
BNA_M
ClientSampled :
PB119867BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.9	89.4	134.2	
77	64.7	48.2	72.4	
79	63.1	48.4	72.6	

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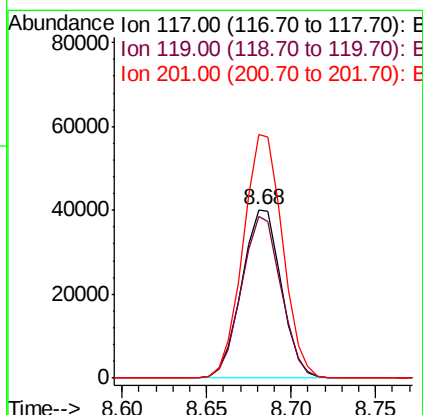
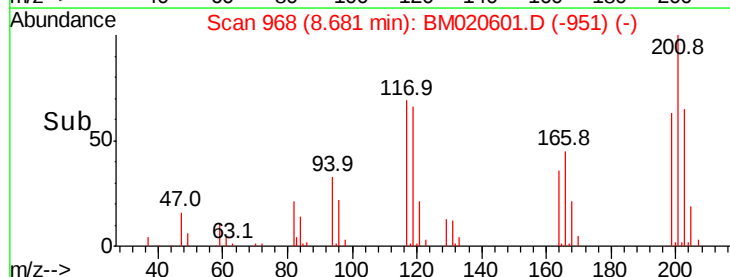
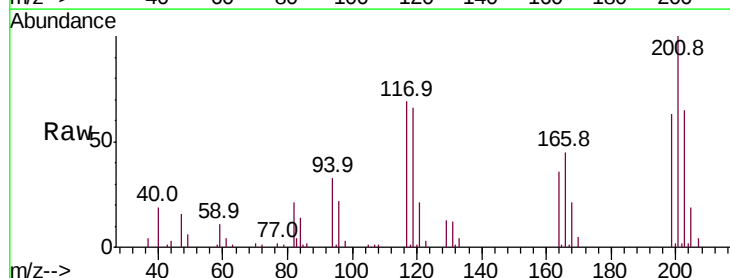
mohammad

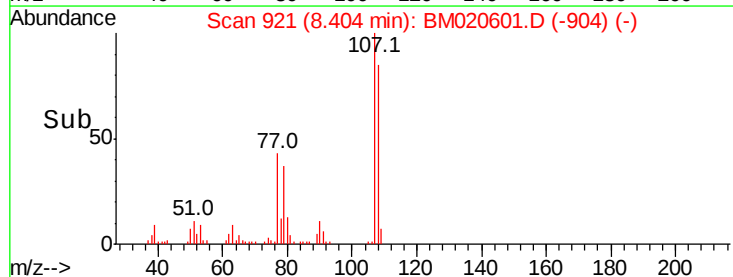
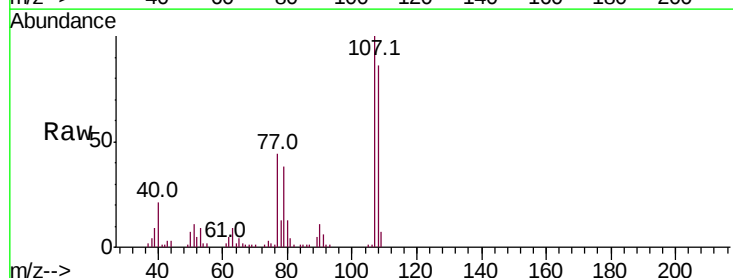
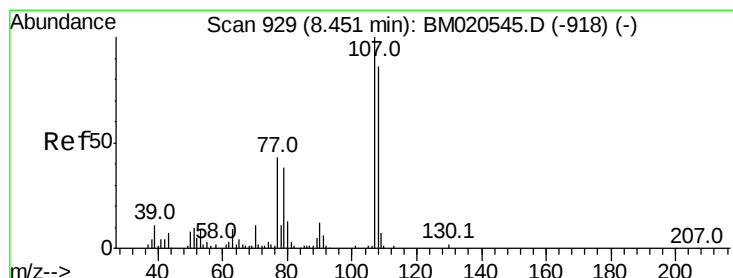
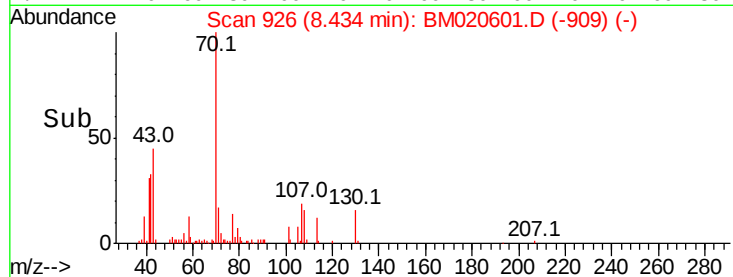
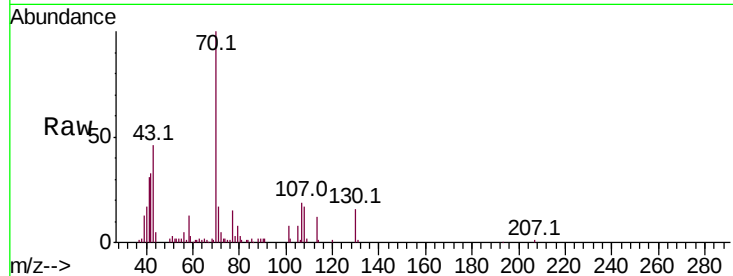
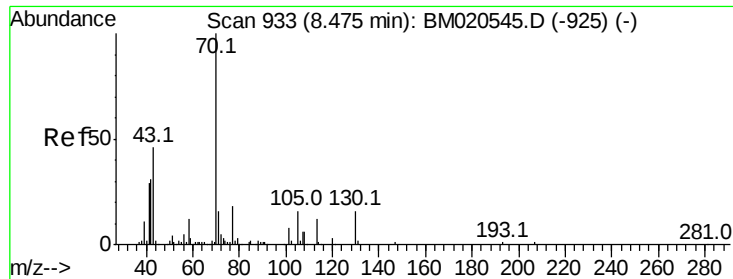
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#18
Hexachloroethane
Concen: 39.607 ng
RT: 8.68 min Scan# 968
Delta R.T. -0.00 min
Lab File: BM020601.D
Acq: 29 May 2019 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.1	73.2	109.8	
201	144.7	105.8	158.8	





#19

n-Nitroso-di-n-propylamine

Concen: 34.717 ng

RT: 8.43 min Scan# 926

Delta R.T. -0.00 min

Lab File: BM020601.D

Acq: 29 May 2019 16:09

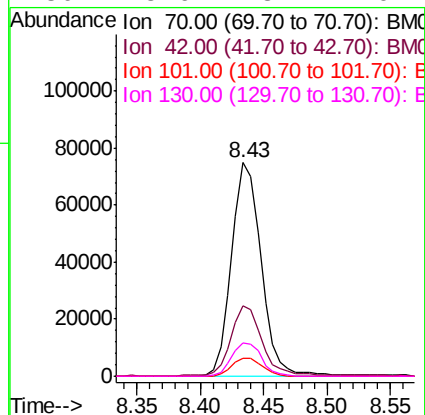
Instrument :
BNA_M
ClientSampleId :
PB119867BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	33.2	24.7	37.1
101	8.2	6.8	10.2
130	15.6	13.1	19.7

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#20

3+4-Methylphenols

Concen: 36.390 ng

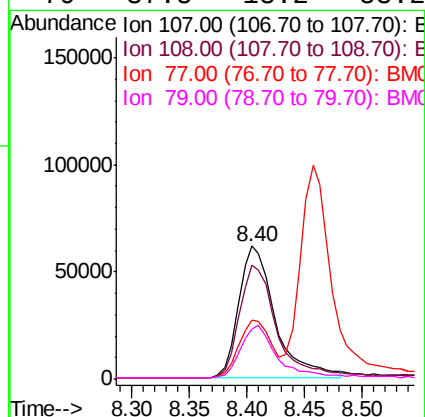
RT: 8.40 min Scan# 921

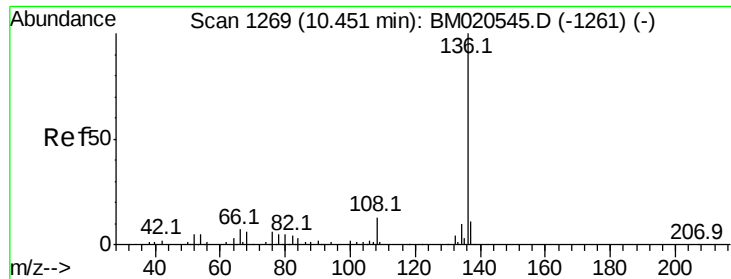
Delta R.T. -0.00 min

Lab File: BM020601.D

Acq: 29 May 2019 16:09

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.5	66.5	106.5
77	44.3	23.0	63.0
79	37.5	18.2	58.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.42 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BM020601.D
Acq: 29 May 2019 16:09

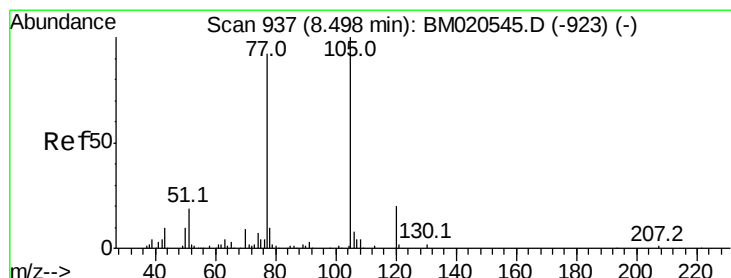
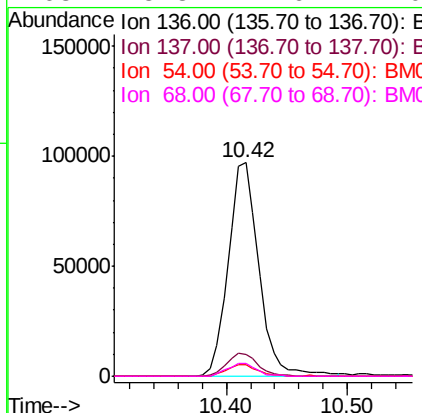
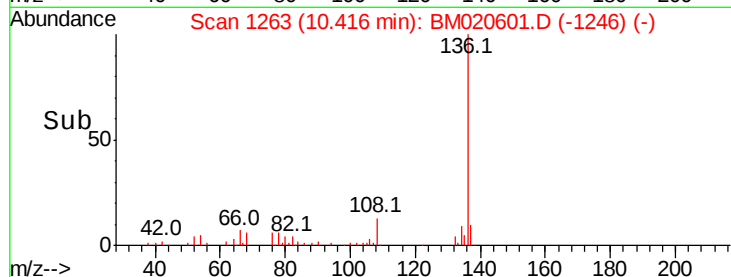
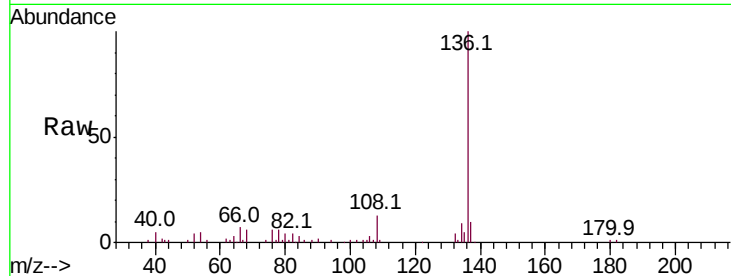
Instrument :
BNA_M
ClientSampled :
PB119867BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	171959		
137	10.1		8.4	12.6
54	5.4		4.2	6.4
68	5.8		4.6	7.0

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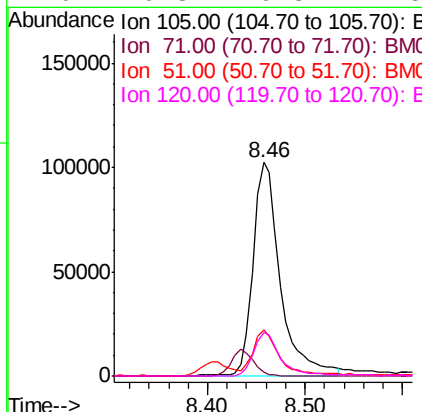
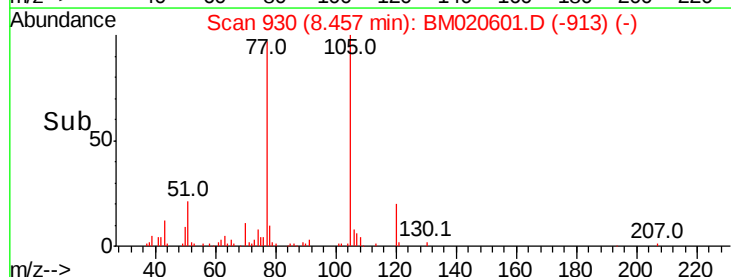
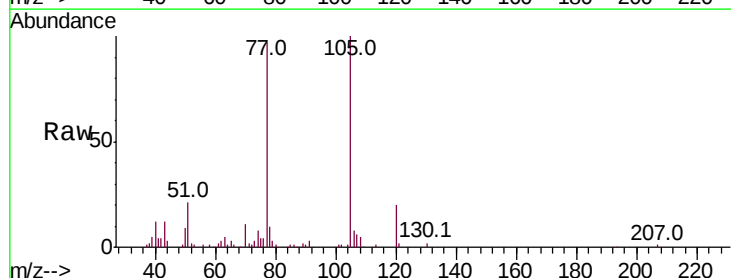
mohammad

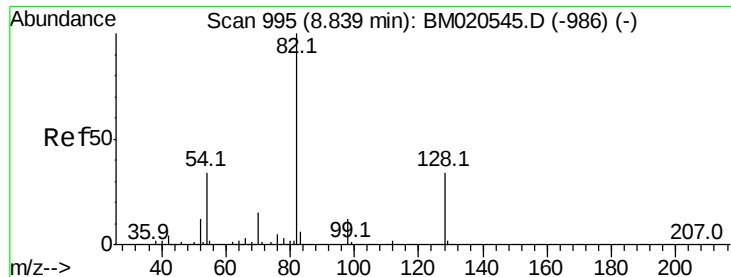
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#22
Acetophenone
Concen: 42.847 ng
RT: 8.46 min Scan# 930
Delta R.T. -0.00 min
Lab File: BM020601.D
Acq: 29 May 2019 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	202889		
71	1.9		1.3	1.9
51	21.5		15.7	23.5
120	20.3		16.3	24.5





#23
 Nitrobenzene-d5
 Concen: 91.709 ng
 RT: 8.80 min Scan# 988
 Delta R.T. -0.00 min
 Lab File: BM020601.D
 Acq: 29 May 2019 16:09

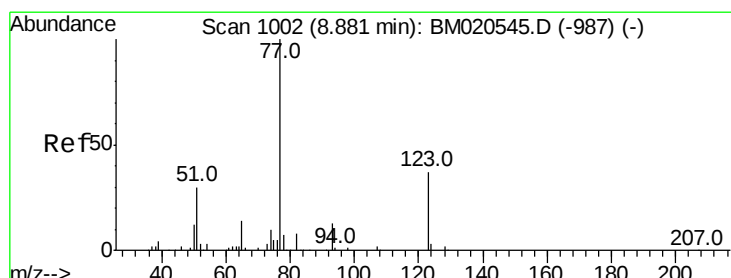
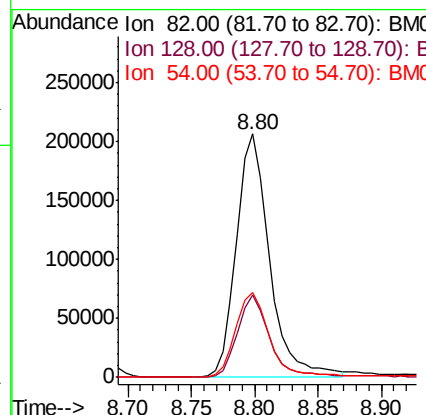
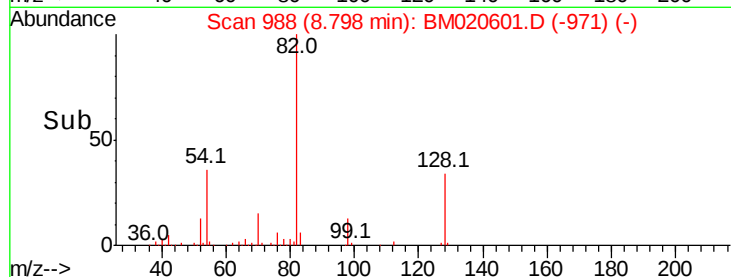
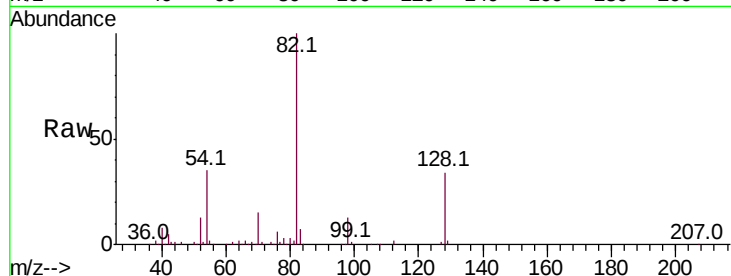
Instrument :
 BNA_M
 ClientSampled :
 PB119867BS

Tot Ion	82	Resp	375722
Ion Ratio	Lower	Upper	
82	100		
128	33.8	27.0	40.4
54	35.1	27.4	41.2

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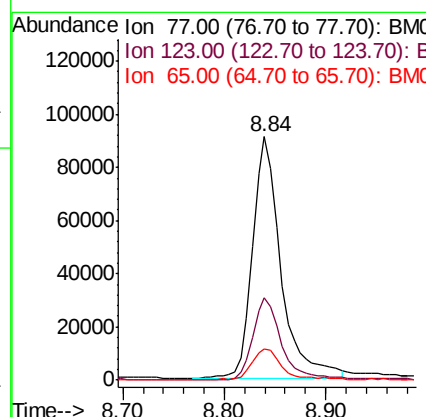
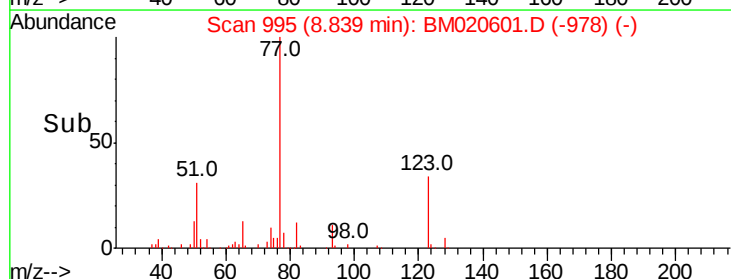
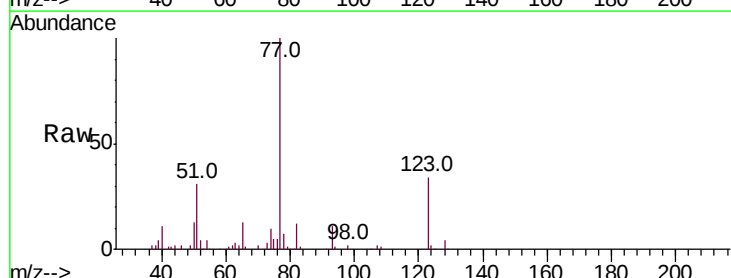
mohammad

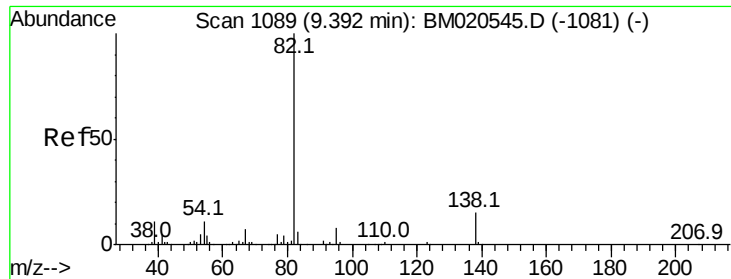
5/30/2019 8:16:15 AM



#24
 Nitrobenzene
 Concen: 43.825 ng
 RT: 8.84 min Scan# 995
 Delta R.T. -0.00 min
 Lab File: BM020601.D
 Acq: 29 May 2019 16:09

Tgt Ion	77	Resp	177318
Ion Ratio	Lower	Upper	
77	100		
123	33.9	29.4	44.2
65	12.7	10.8	16.2





#25

Isophorone

Concen: 41.616 ng

RT: 9.36 min Scan# 1083

Delta R.T. -0.00 min

Lab File: BM020601.D

Acq: 29 May 2019 16:09

Instrument :

BNA_M

ClientSampled :

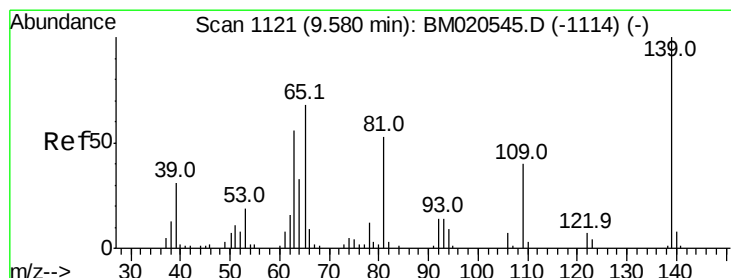
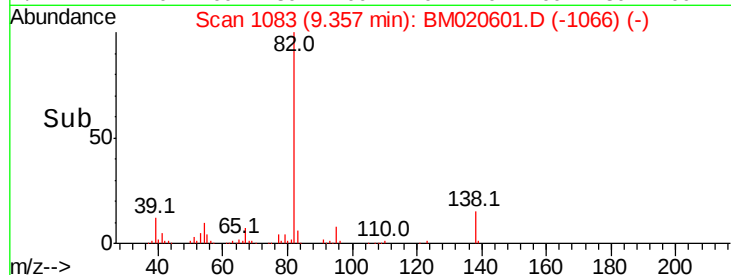
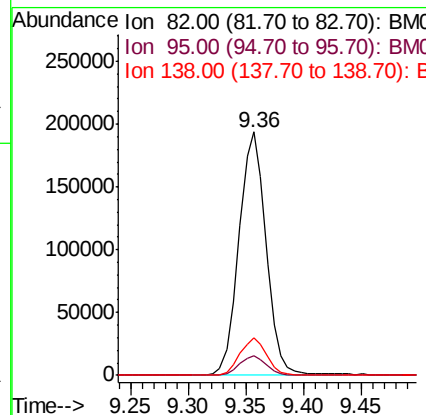
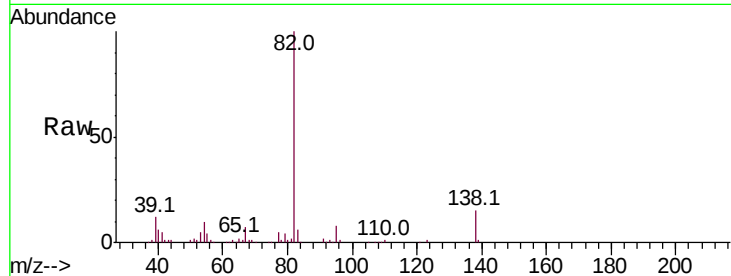
PB119867BS

Tot Ion:	82	Resp:	317246
Ion Ratio	Lower	Upper	
82	100		
95	8.2	6.7	10.1
138	15.2	12.0	18.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 41.280 ng

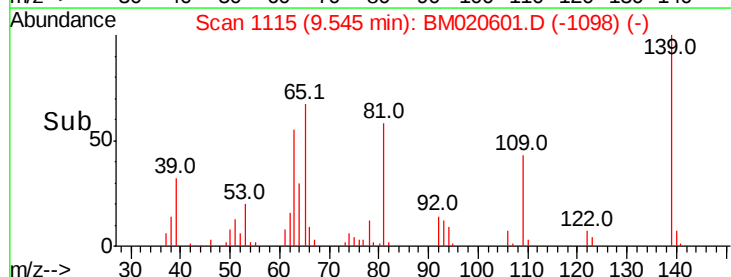
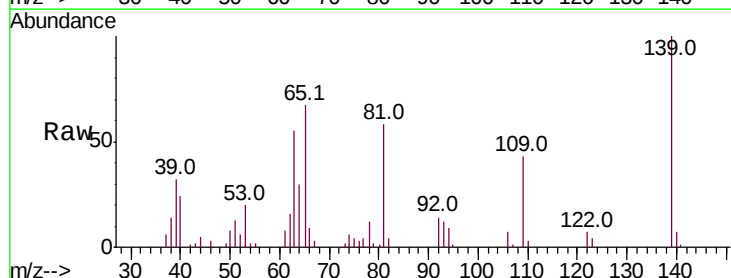
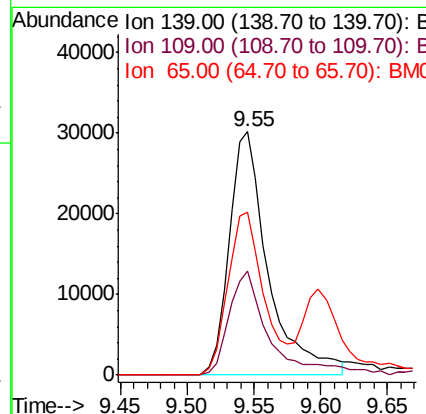
RT: 9.55 min Scan# 1115

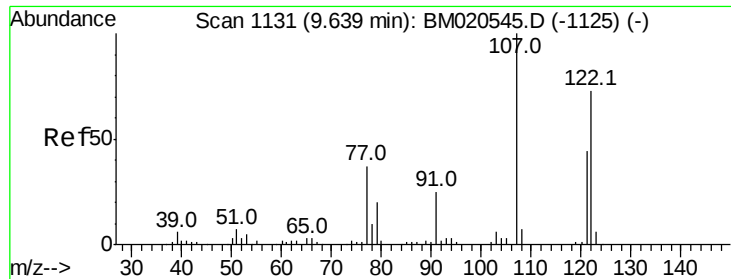
Delta R.T. -0.00 min

Lab File: BM020601.D

Acq: 29 May 2019 16:09

Tgt Ion:	139	Resp:	61628
Ion Ratio	Lower	Upper	
139	100		
109	42.6	32.3	48.5
65	66.7	54.4	81.6





#27
 2,4-Dimethylphenol
 Concen: 47.266 ng
 RT: 9.60 min Scan# 1124
 Delta R.T. -0.00 min
 Lab File: BM020601.D
 Acq: 29 May 2019 16:09

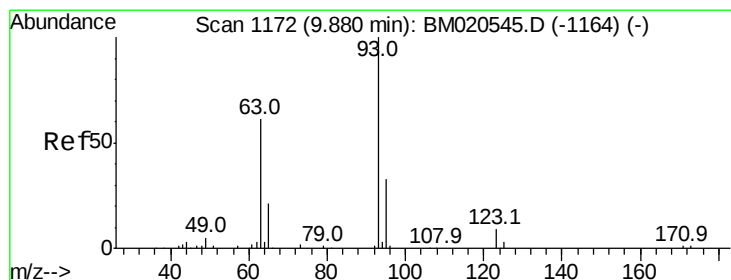
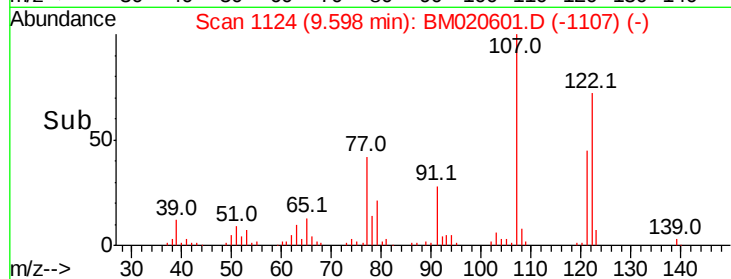
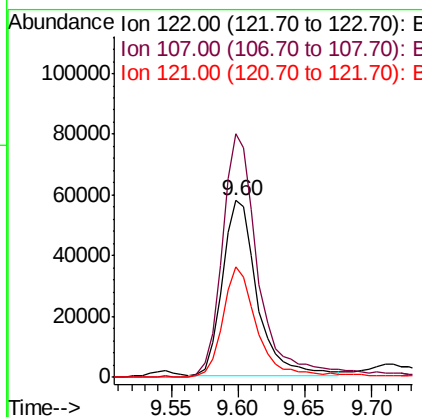
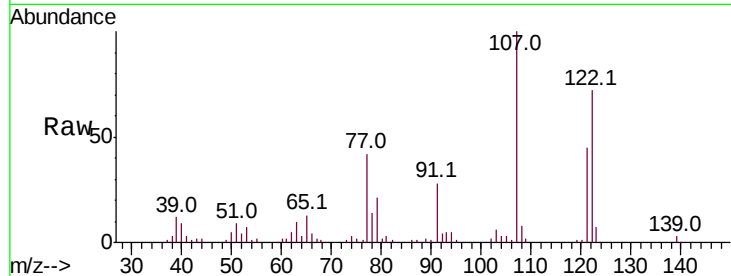
Instrument :
 BNA_M
 ClientSampled :
 PB119867BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	138.0	108.2	162.2
121	62.6	47.4	71.0

Manual Integrations
 APPROVED

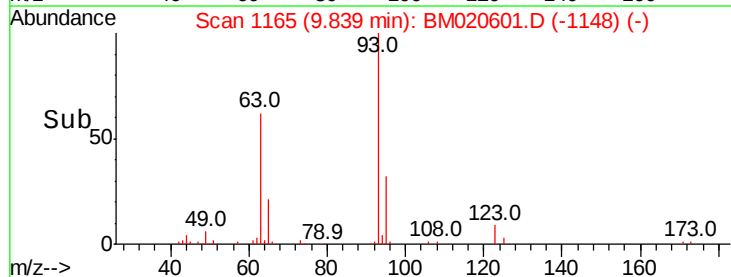
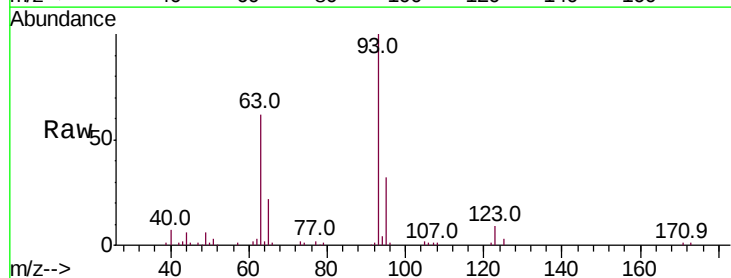
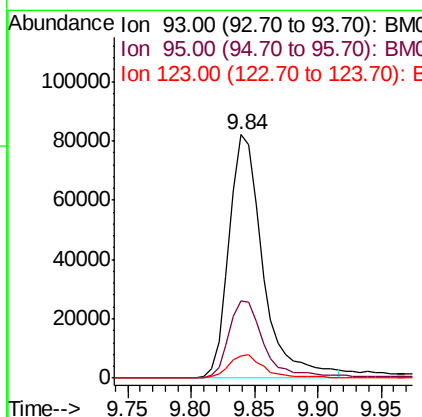
mohammad

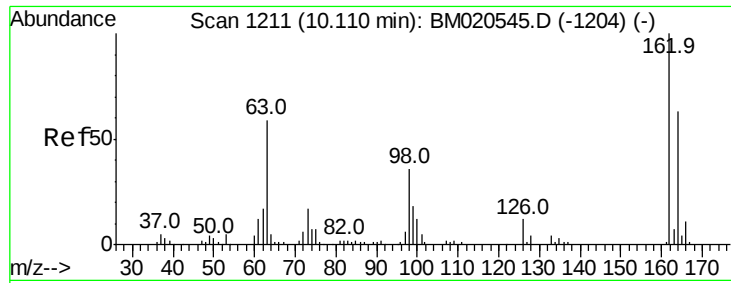
5/30/2019 8:16:15 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.558 ng
 RT: 9.84 min Scan# 1165
 Delta R.T. -0.00 min
 Lab File: BM020601.D
 Acq: 29 May 2019 16:09

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.8	26.1	39.1
123	9.3	8.1	12.1





#29
 2,4-Dichlorophenol
 Concen: 42.768 ng
 RT: 10.07 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BM020601.D
 Acq: 29 May 2019 16:09

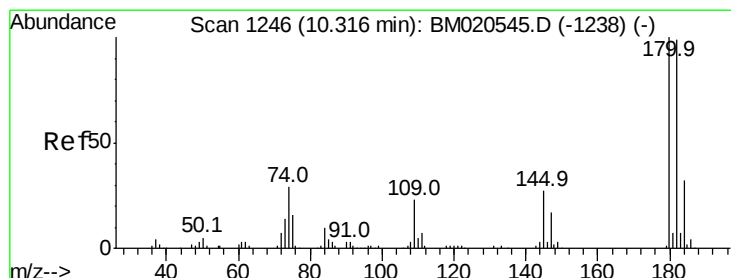
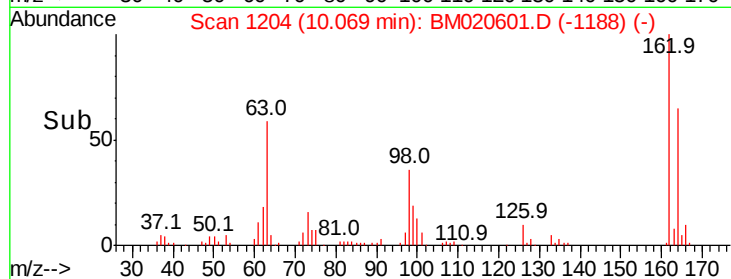
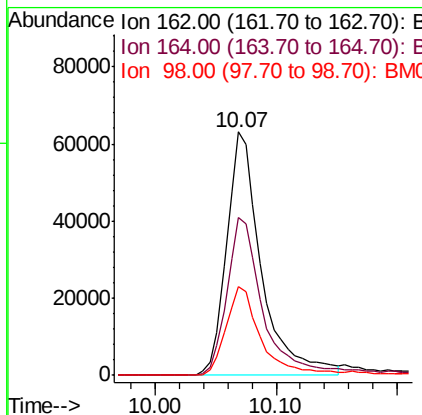
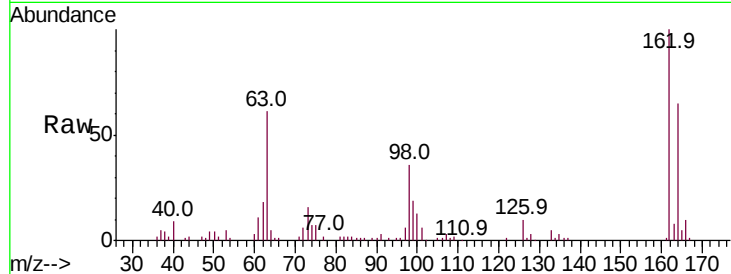
Instrument :
 BNA_M
 ClientSampleId :
 PB119867BS

Tot Ion:	162	Resp:	126504
Ion Ratio	Lower	Upper	
162	100		
164	64.7	43.1	83.1
98	36.5	16.2	56.2

Manual Integrations
 APPROVED

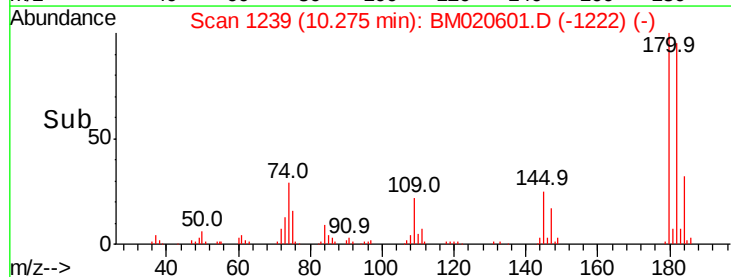
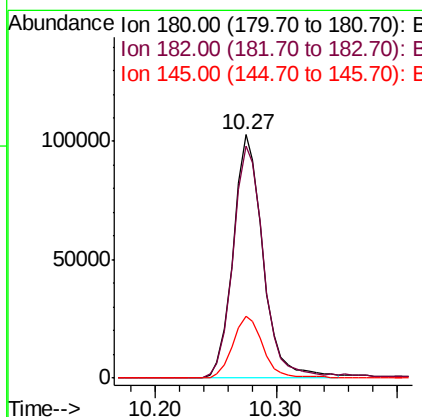
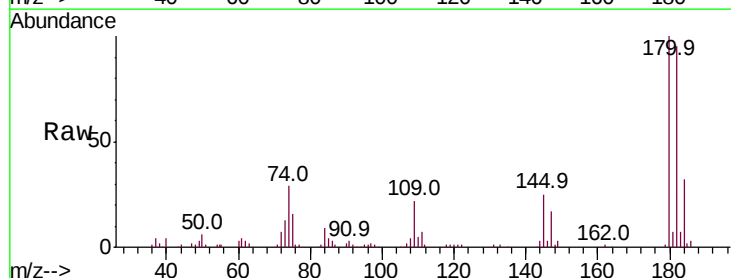
mohammad

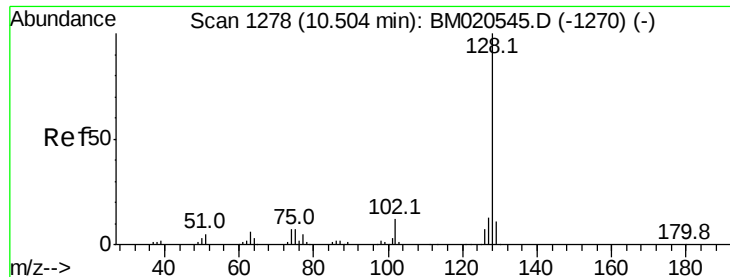
5/30/2019 8:16:15 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 43.965 ng
 RT: 10.27 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: BM020601.D
 Acq: 29 May 2019 16:09

Tgt Ion:	180	Resp:	177808
Ion Ratio	Lower	Upper	
180	100		
182	95.3	78.8	118.2
145	25.3	21.3	31.9





#31
Naphthalene
Concen: 43.583 ng
RT: 10.46 min Scan# 1271
Delta R.T. -0.00 min
Lab File: BM020601.D
Acq: 29 May 2019 16:09

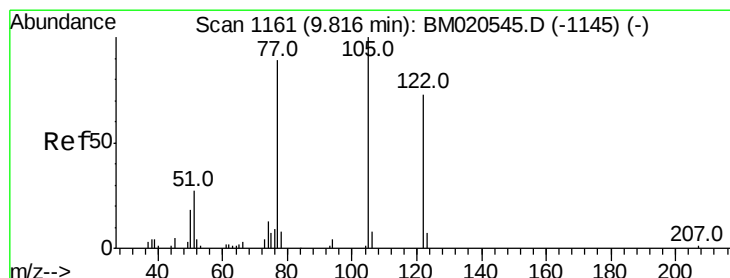
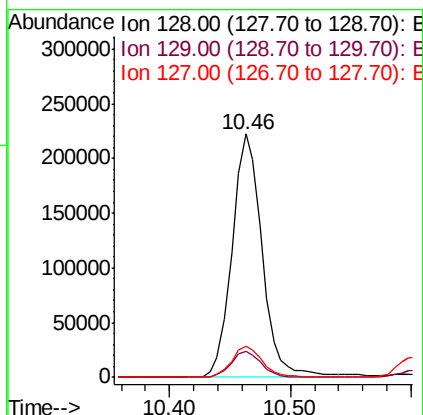
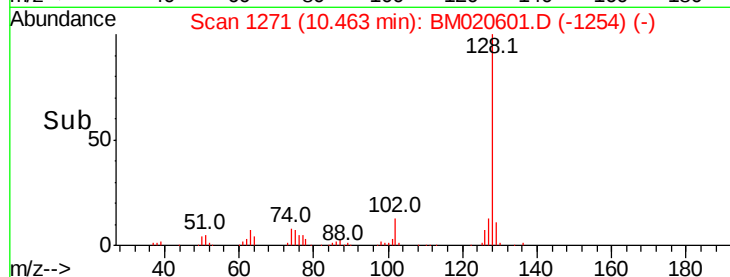
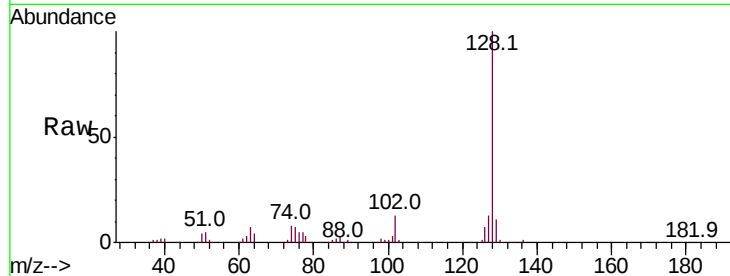
Instrument :
BNA_M
ClientSampleId :
PB119867BS

Tot Ion:	128	Resp:	386963
Ion Ratio	Lower	Upper	
128	100		
129	10.5	9.0	13.6
127	13.0	10.4	15.6

Manual Integrations
APPROVED

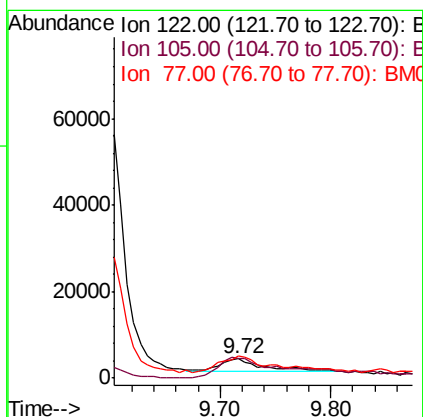
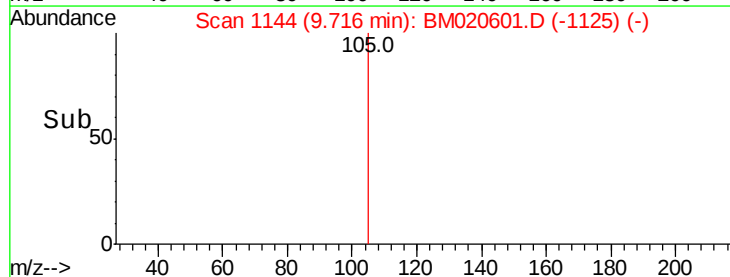
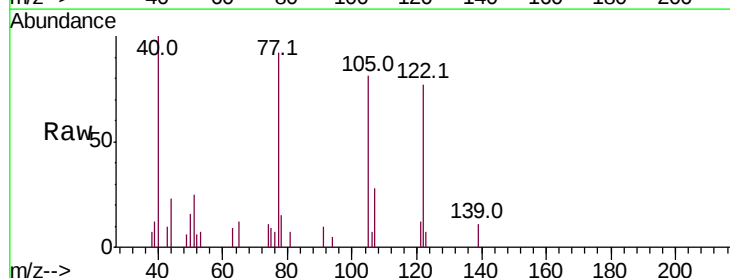
mohammad

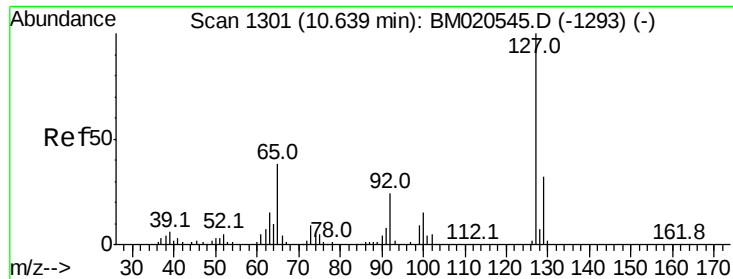
5/30/2019 8:16:15 AM



#32
Benzoic acid
Concen: 13.938 ng m
RT: 9.72 min Scan# 1144
Delta R.T. 0.01 min
Lab File: BM020601.D
Acq: 29 May 2019 16:09

Tgt Ion:	122	Resp:	7294
Ion Ratio	Lower	Upper	
122	100		
105	104.7	108.8	148.8#
77	119.3	97.8	137.8





#33
4-Chloroaniline
Concen: 17.456 ng/mL
RT: 10.60 min Scan# 1295
Delta R.T. 0.01 min
Lab File: BM020601.D
Acq: 29 May 2019 16:09

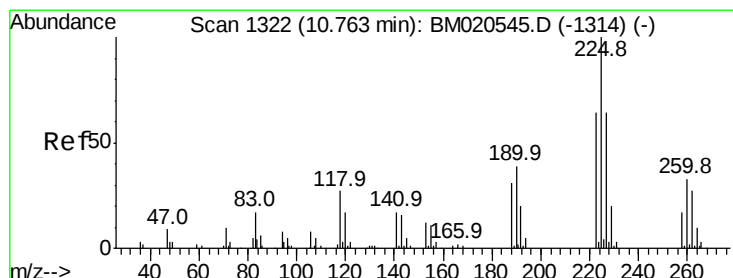
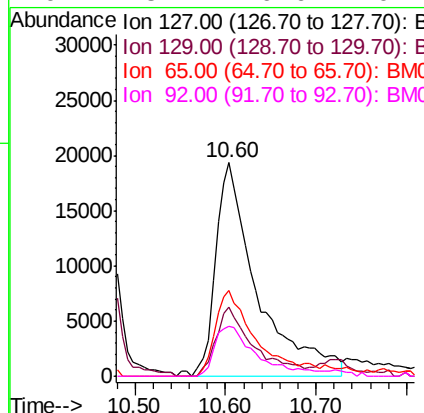
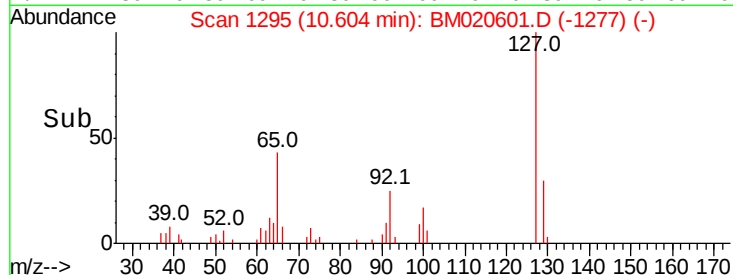
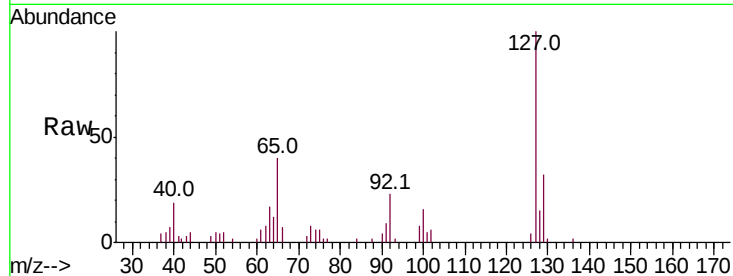
Instrument :
BNA_M
ClientSampleId :
PB119867BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.4	38.2
65	40.2	30.6	45.8
92	23.4	19.6	29.4

Manual Integrations
APPROVED

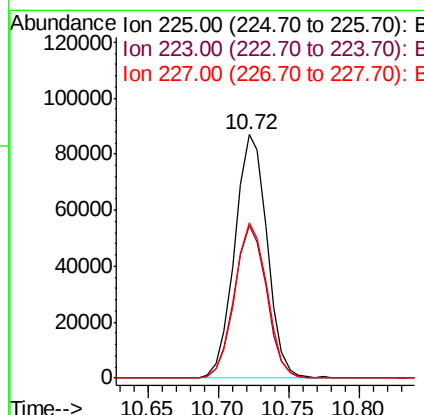
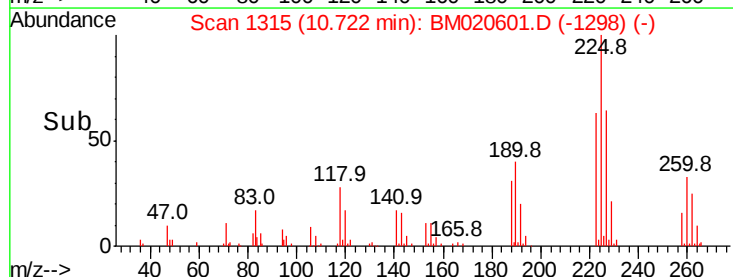
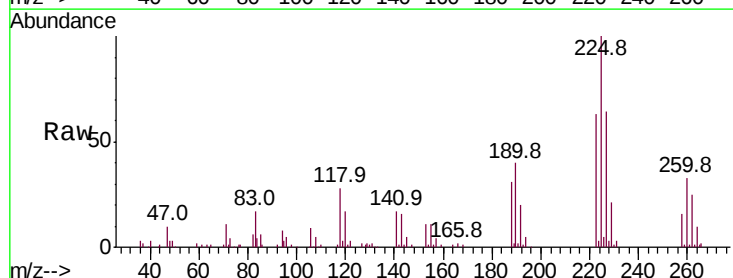
mohammad

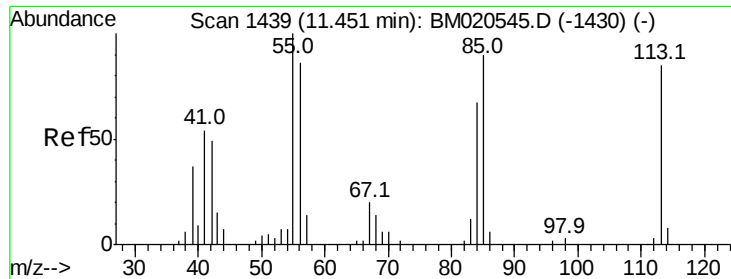
5/30/2019 8:16:15 AM



#34
Hexachlorobutadiene
Concen: 46.202 ng/mL
RT: 10.72 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BM020601.D
Acq: 29 May 2019 16:09

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	51.4	77.0
227	64.0	51.0	76.6





#35

Caprolactam

Concen: 31.453 ng/mL

RT: 11.40 min Scan# 1431

Delta R.T. -0.00 min

Lab File: BM020601.D

Acq: 29 May 2019 16:09

Instrument :

BNA_M

ClientSampleId :

PB119867BS

Tot Ion:113 Resp: 30619

Ion Ratio Lower Upper

113 100

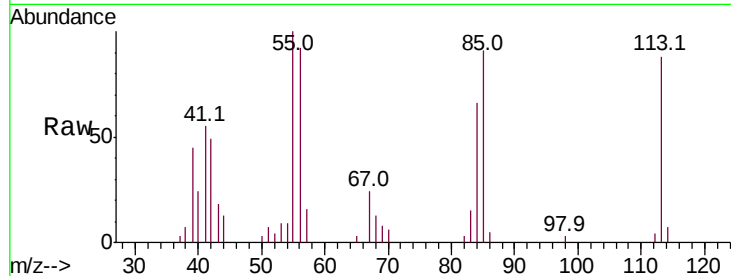
55 113.9 97.6 137.6

56 105.1 81.6 121.6

Manual Integrations
APPROVED

mohammad

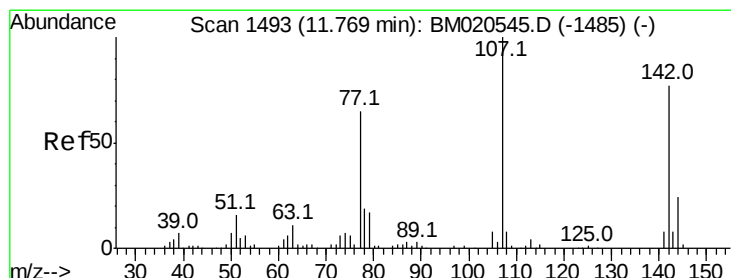
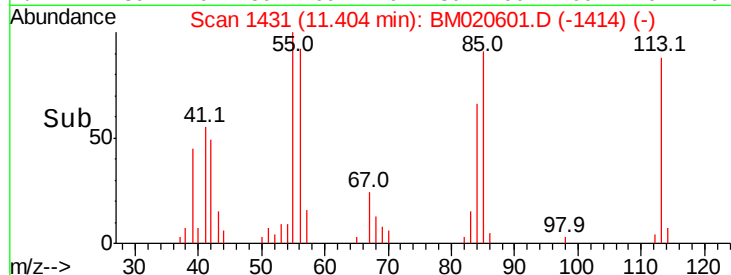
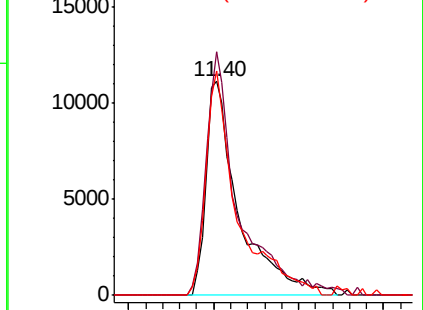
5/30/2019 8:16:15 AM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 37.968 ng/mL

RT: 11.72 min Scan# 1485

Delta R.T. -0.00 min

Lab File: BM020601.D

Acq: 29 May 2019 16:09

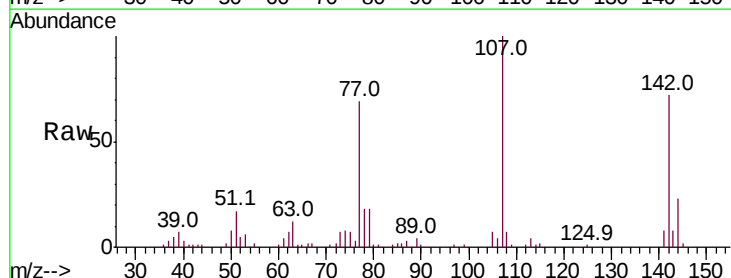
Tgt Ion:107 Resp: 122212

Ion Ratio Lower Upper

107 100

144 23.4 19.0 28.6

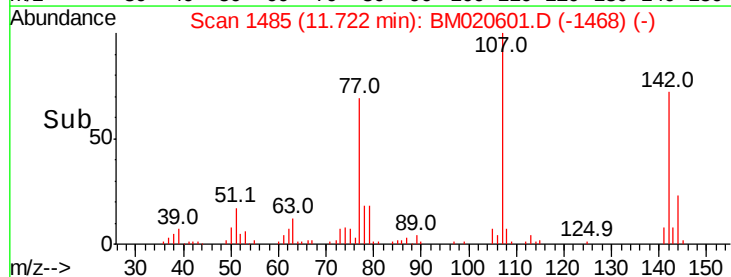
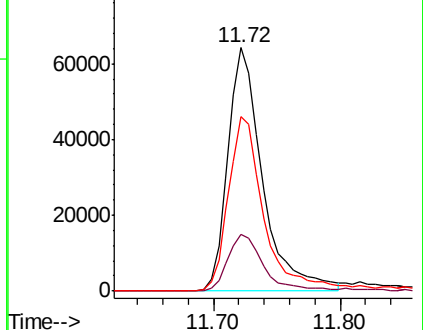
142 71.7 61.3 91.9

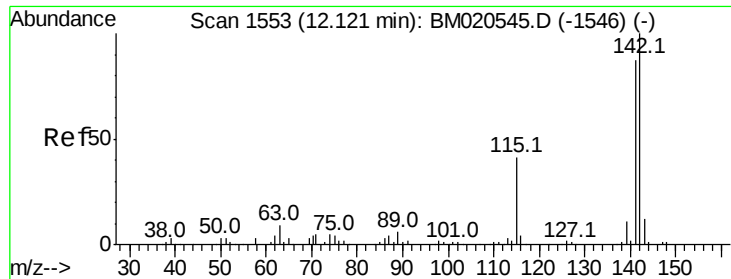


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37
2-Methylnaphthalene
Concen: 40.855 ng
RT: 12.09 min Scan# 1547
Delta R.T. -0.00 min
Lab File: BM020601.D
Acq: 29 May 2019 16:09

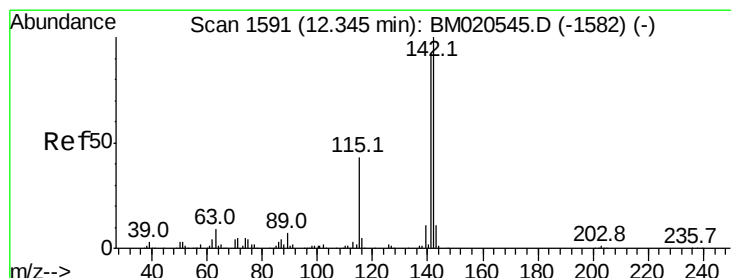
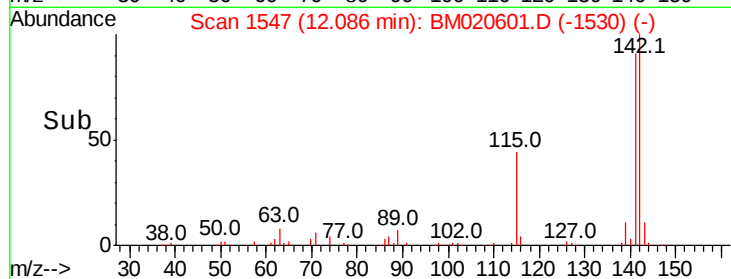
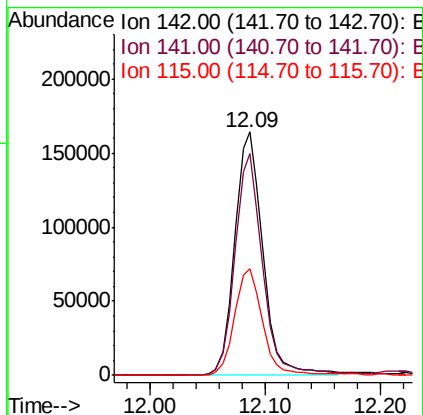
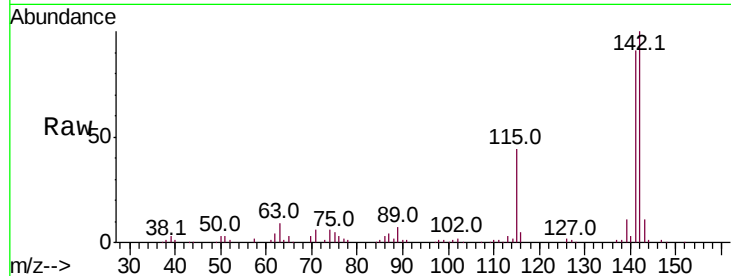
Instrument :
BNA_M
ClientSampleId :
PB119867BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.2	69.9	104.9
115	43.9	32.9	49.3

Manual Integrations
APPROVED

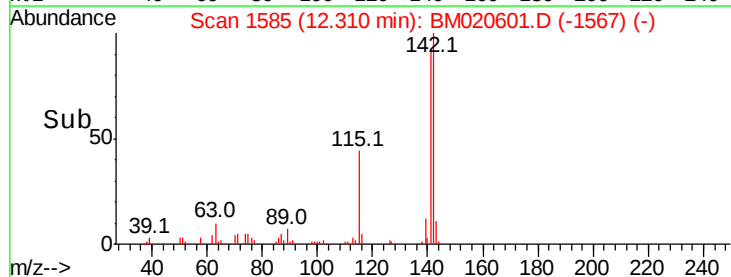
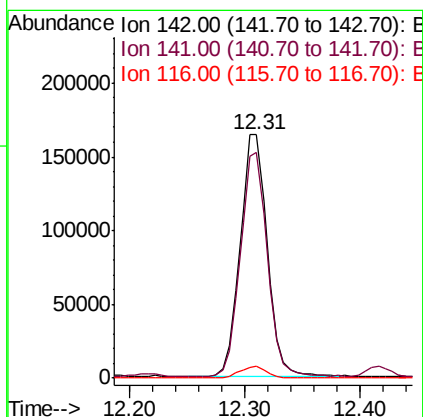
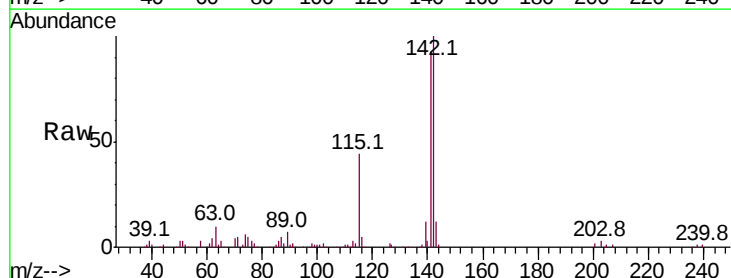
mohammad

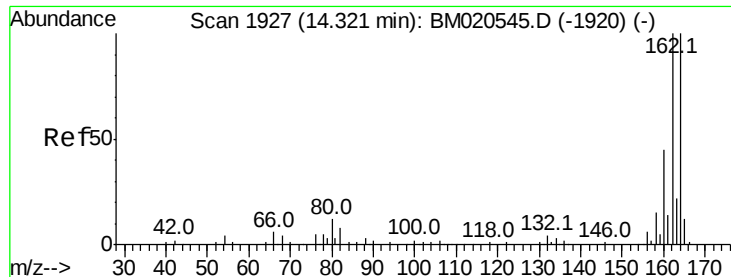
5/30/2019 8:16:15 AM



#38
1-Methylnaphthalene
Concen: 40.694 ng
RT: 12.31 min Scan# 1585
Delta R.T. 0.01 min
Lab File: BM020601.D
Acq: 29 May 2019 16:09

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.7	73.7	110.5
116	4.8	3.7	5.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.29 min Scan# 1921
Delta R.T. -0.00 min
Lab File: BM020601.D
Acq: 29 May 2019 16:09

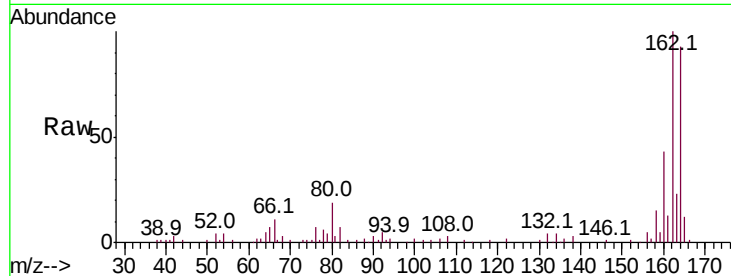
Instrument :
BNA_M
ClientSampleID :
PB119867BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	107.0	79.8	119.8
160	46.3	35.9	53.9

Manual Integrations
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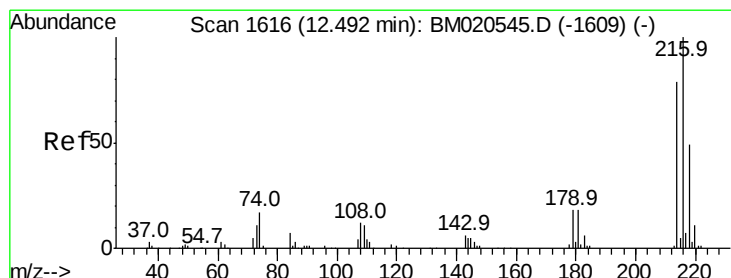
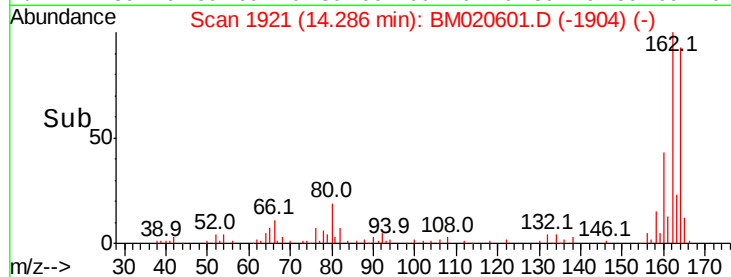
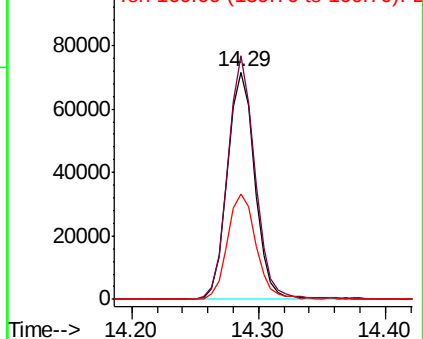


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.512 ng
RT: 12.46 min Scan# 1610
Delta R.T. 0.01 min
Lab File: BM020601.D
Acq: 29 May 2019 16:09

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.7	63.0	94.6
179	18.2	14.8	22.2
108	13.0	10.5	15.7

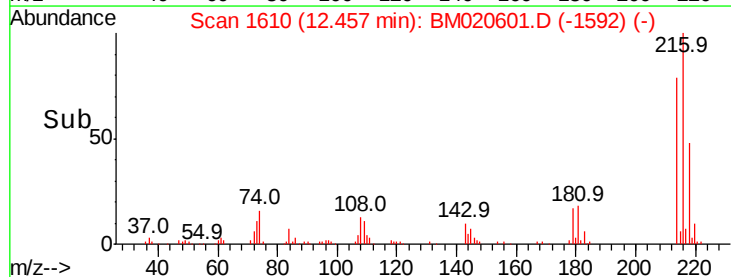
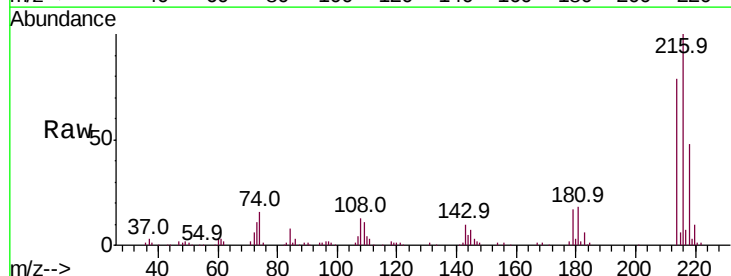
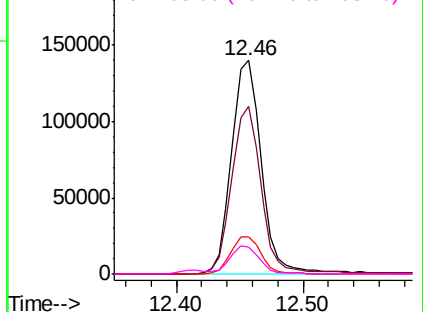
Abundance

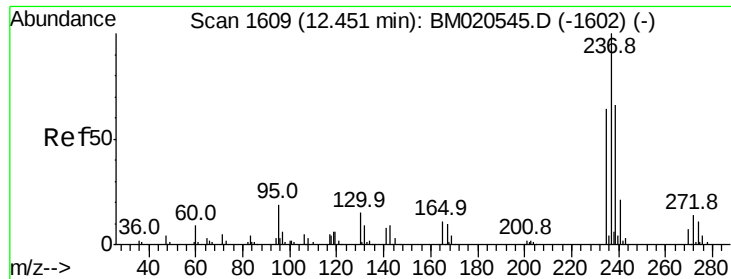
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 57.335 ng

RT: 12.42 min Scan# 1603

Delta R.T. -0.00 min

Lab File: BM020601.D

Acq: 29 May 2019 16:09

Instrument :

BNA_M

ClientSampleId :

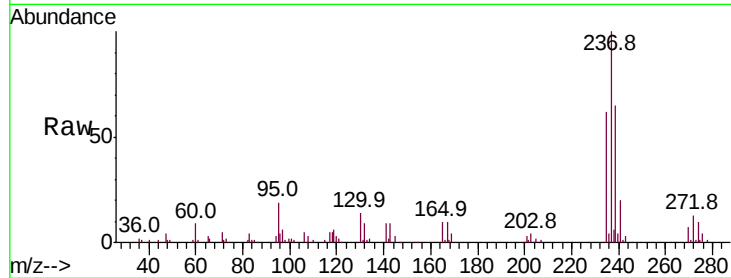
PB119867BS

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	62.4	43.5	83.5
272	13.4	0.0	33.9

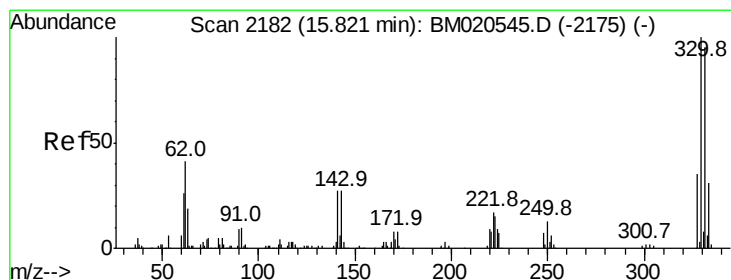
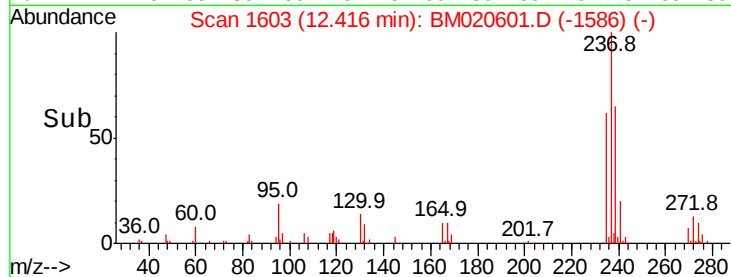
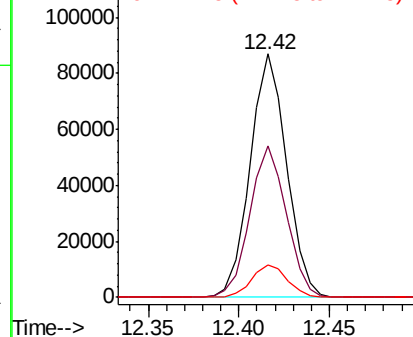
Manual Integrations
APPROVED

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



#42

2,4,6-Tribromophenol

Concen: 136.371 ng

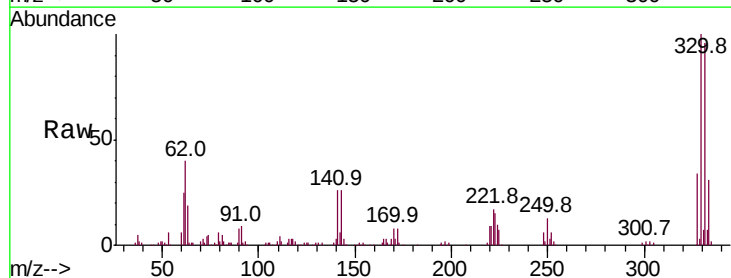
RT: 15.79 min Scan# 2176

Delta R.T. -0.00 min

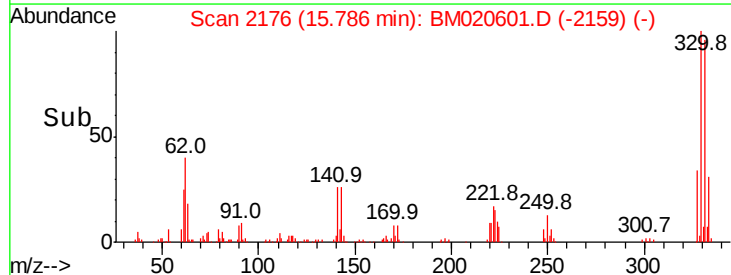
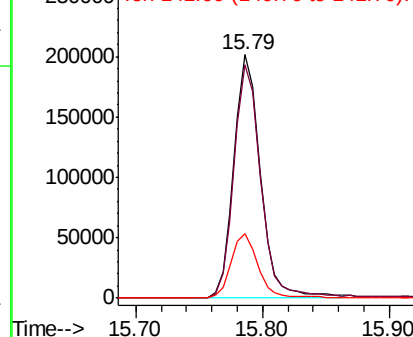
Lab File: BM020601.D

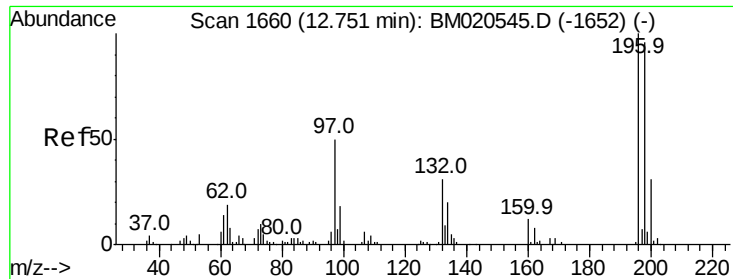
Acq: 29 May 2019 16:09

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.0	77.5	116.3
141	26.9	21.7	32.5



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





#43

2,4,6-Trichlorophenol

Concen: 44.862 ng

RT: 12.71 min Scan# 1653

Delta R.T. -0.00 min

Lab File: BM020601.D

Acq: 29 May 2019 16:09

Instrument :

BNA_M

ClientSampleID :

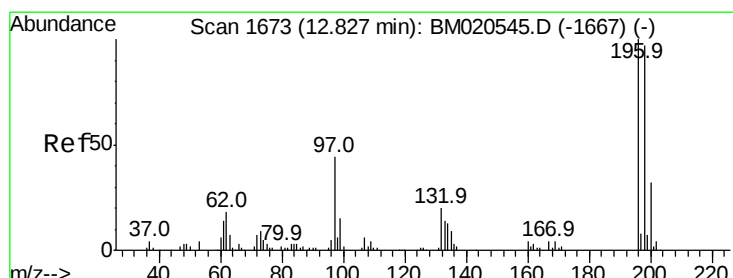
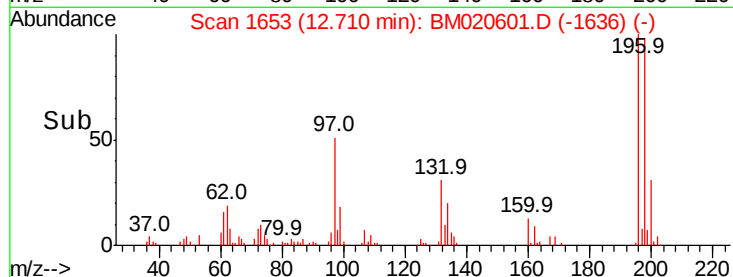
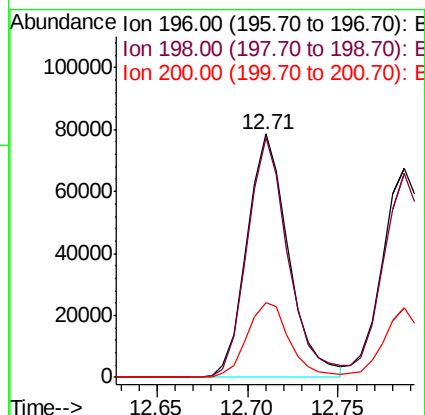
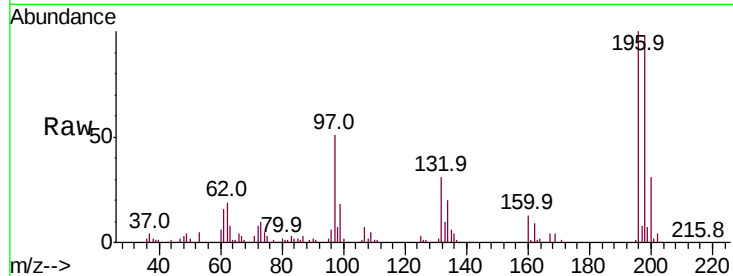
PB119867BS

Tot Ion:	196	Resp:	125681
Ion Ratio	Lower	Upper	
196	100		
198	98.4	76.4	114.6
200	30.6	25.0	37.4

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#44

2,4,5-Trichlorophenol

Concen: 44.406 ng

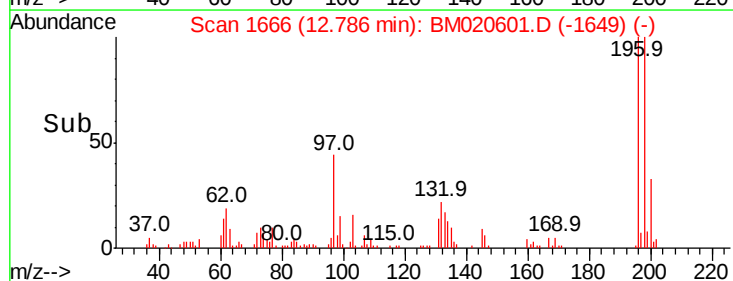
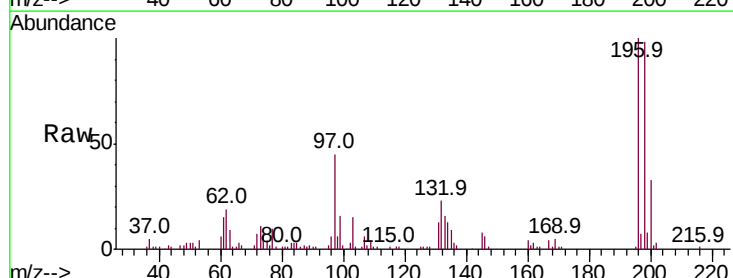
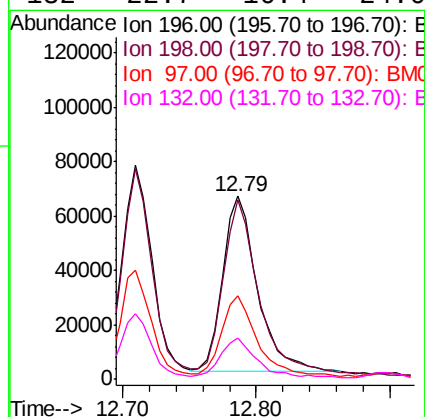
RT: 12.79 min Scan# 1666

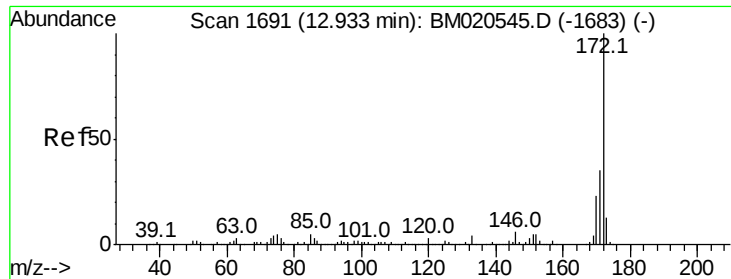
Delta R.T. -0.00 min

Lab File: BM020601.D

Acq: 29 May 2019 16:09

Tgt Ion:	196	Resp:	116171
Ion Ratio	Lower	Upper	
196	100		
198	97.9	77.6	116.4
97	45.2	35.4	53.0
132	22.7	16.4	24.6





#45
2-Fluorobiphenyl
Concen: 96.556 ng
RT: 12.90 min Scan# 1685
Delta R.T. -0.00 min
Lab File: BM020601.D
Acq: 29 May 2019 16:09

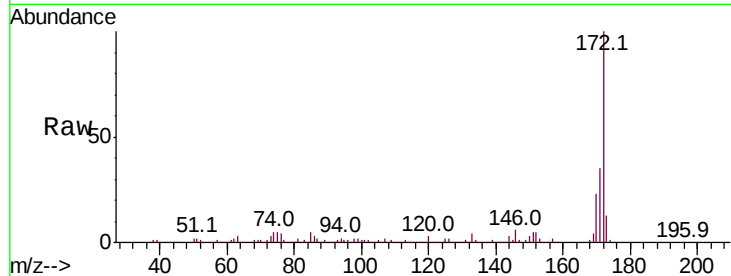
Instrument :
BNA_M
ClientSampleId :
PB119867BS

Tot Ion:	172	Resp:	828658
Ion Ratio	Lower	Upper	
172	100		
171	35.0	27.9	41.9
170	23.1	18.2	27.4

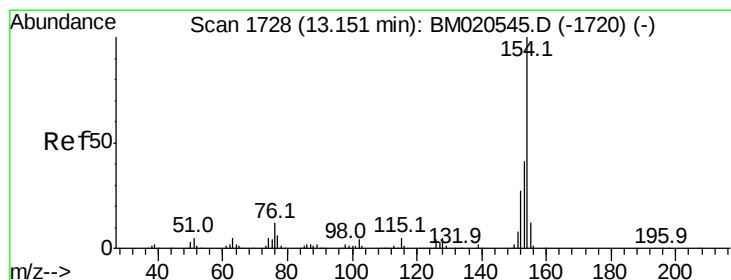
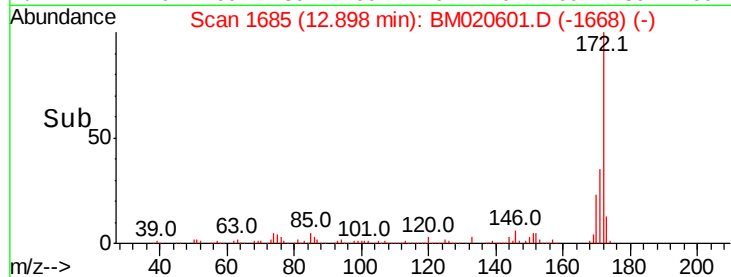
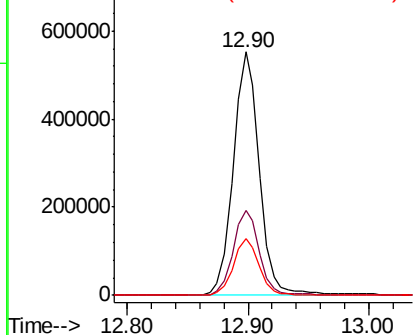
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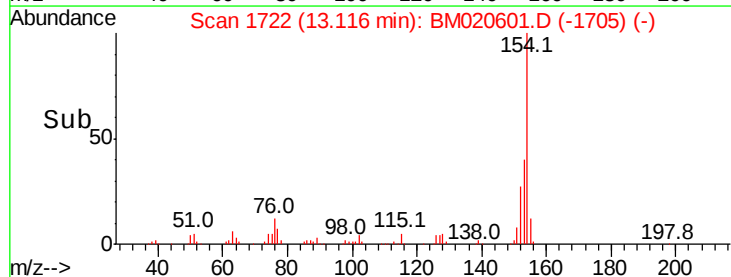
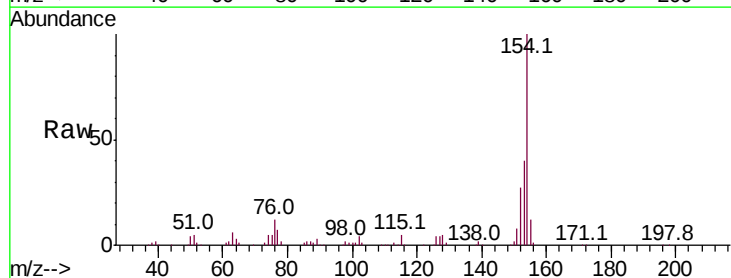
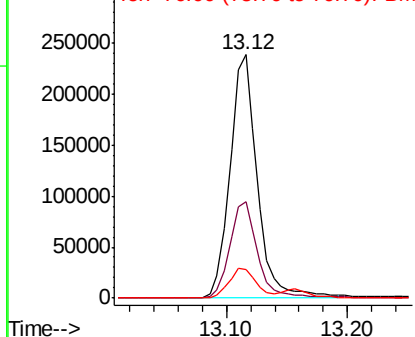
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

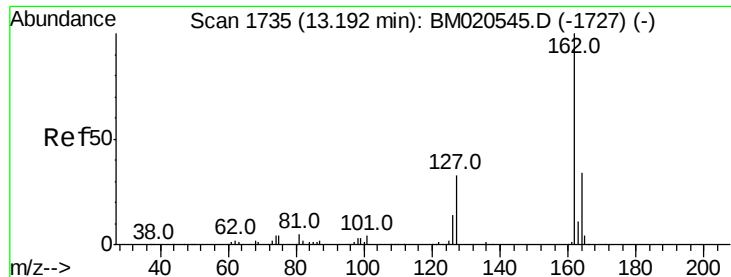


#46
1,1'-Biphenyl
Concen: 45.422 ng
RT: 13.12 min Scan# 1722
Delta R.T. -0.00 min
Lab File: BM020601.D
Acq: 29 May 2019 16:09

Tgt Ion:	154	Resp:	376723
Ion Ratio	Lower	Upper	
154	100		
153	39.7	20.6	60.6
76	12.0	0.0	32.2

Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BM





#47
2-Chloronaphthalene
Concen: 43.863 ng
RT: 13.16 min Scan# 1729
Delta R.T. -0.00 min
Lab File: BM020601.D
Acq: 29 May 2019 16:09

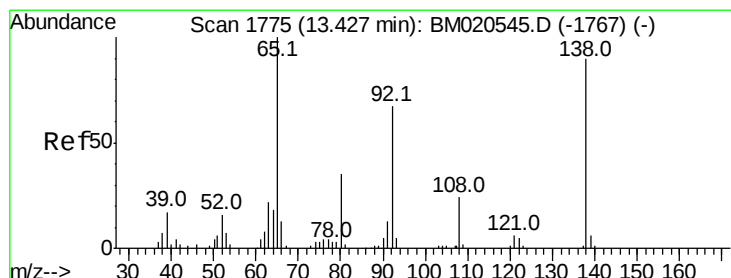
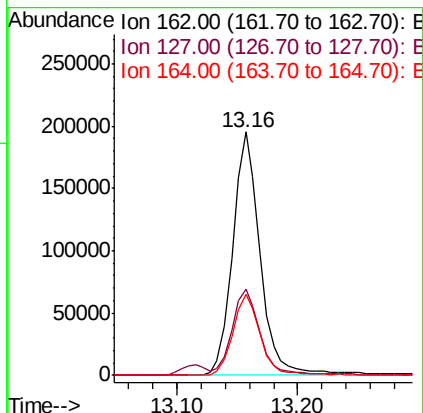
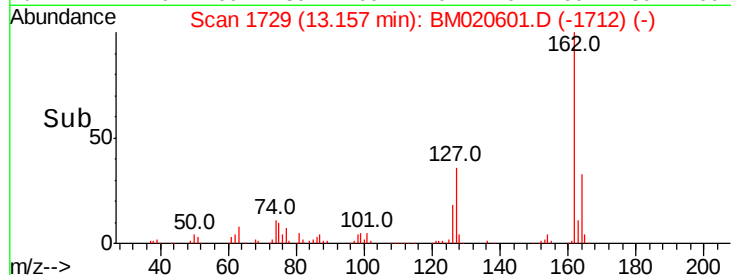
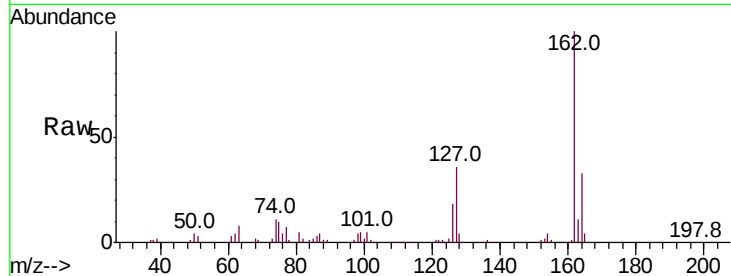
Instrument :
BNA_M
ClientSampled :
PB119867BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	35.5	29.2	43.8	
164	33.0	27.4	41.2	

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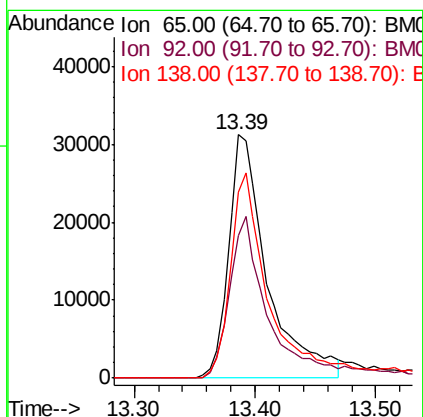
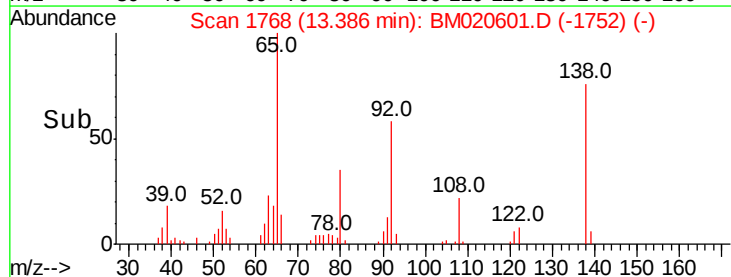
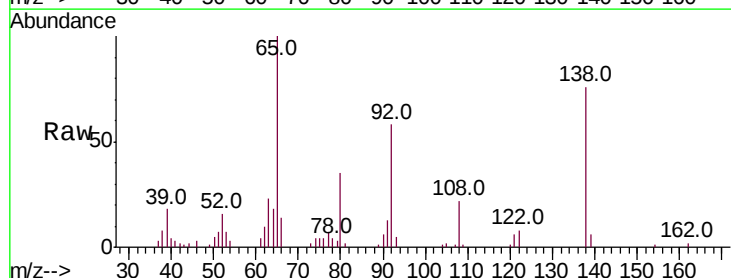
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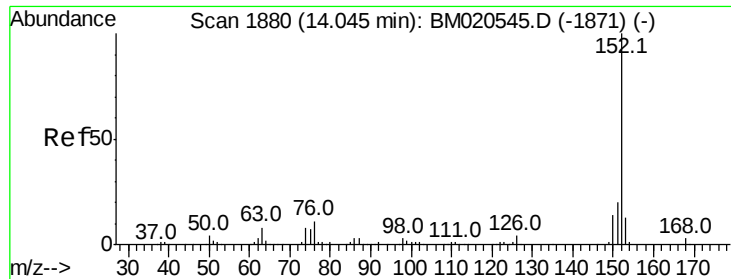
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#48
2-Nitroaniline
Concen: 33.536 ng
RT: 13.39 min Scan# 1768
Delta R.T. -0.01 min
Lab File: BM020601.D
Acq: 29 May 2019 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	58.4	53.6	80.4	
138	76.5	72.0	108.0	





#49

Acenaphthylene

Concen: 43.161 ng

RT: 14.01 min Scan# 1874

Delta R.T. -0.00 min

Lab File: BM020601.D

Acq: 29 May 2019 16:09

Instrument :

BNA_M

ClientSampleId :

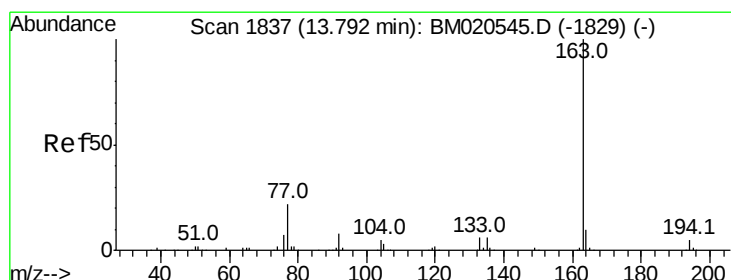
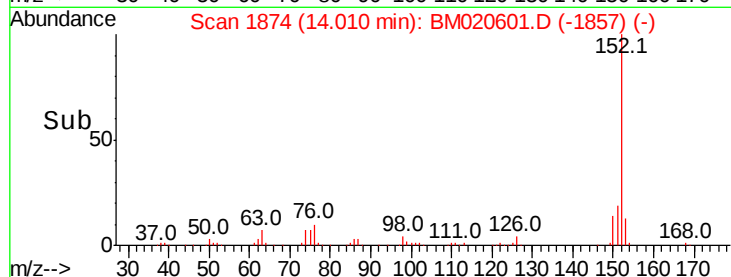
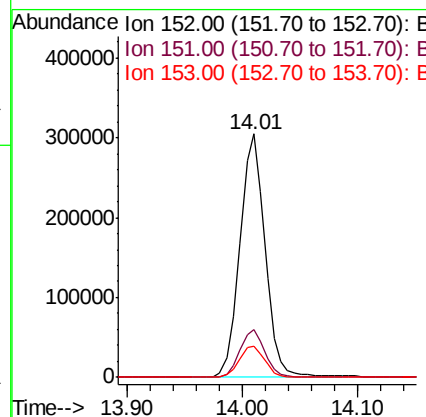
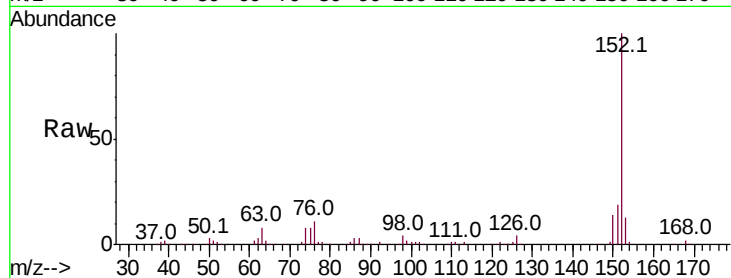
PB119867BS

Tot Ion:	152	Resp:	461476
Ion Ratio	Lower	Upper	
152	100		
151	19.4	15.7	23.5
153	12.9	10.2	15.2

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#50

Dimethylphthalate

Concen: 40.974 ng

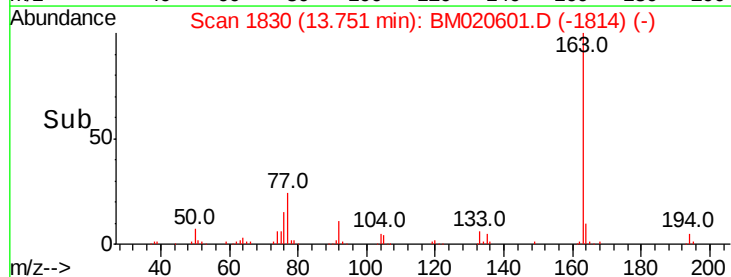
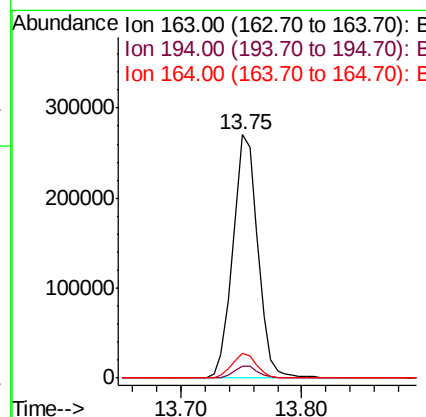
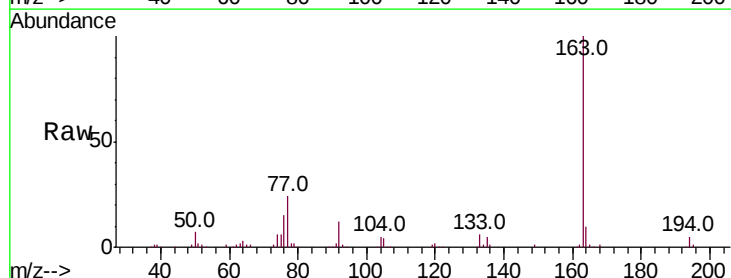
RT: 13.75 min Scan# 1830

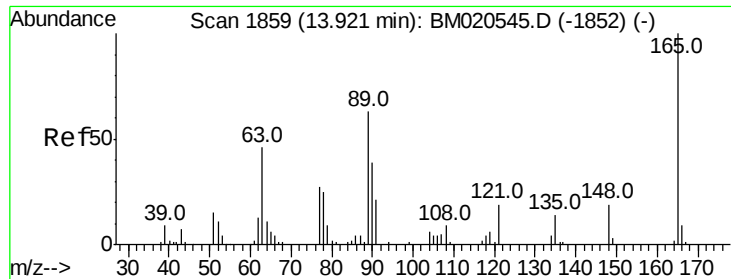
Delta R.T. -0.01 min

Lab File: BM020601.D

Acq: 29 May 2019 16:09

Tgt Ion:	163	Resp:	390839
Ion Ratio	Lower	Upper	
163	100		
194	4.9	3.9	5.9
164	10.1	8.0	12.0





#51
2,6-Dinitrotoluene
Concen: 40.348 ng
RT: 13.89 min Scan# 1853
Delta R.T. -0.00 min
Lab File: BM020601.D
Acq: 29 May 2019 16:09

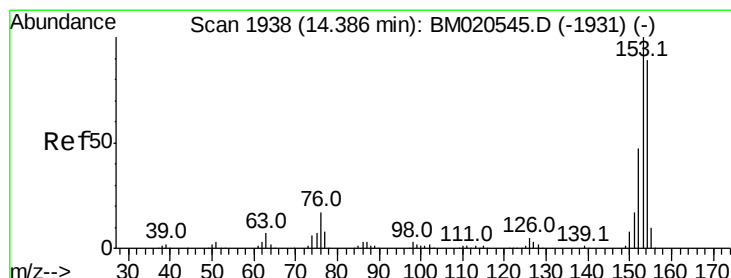
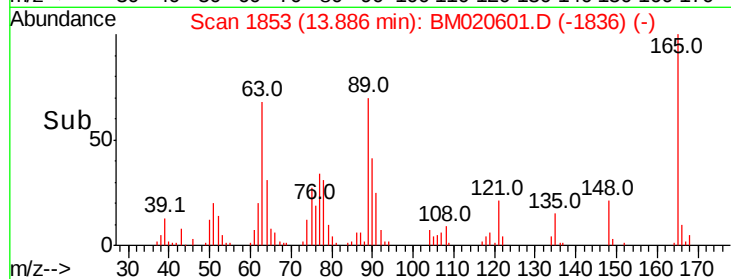
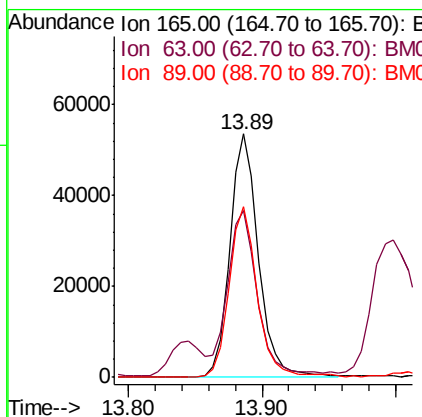
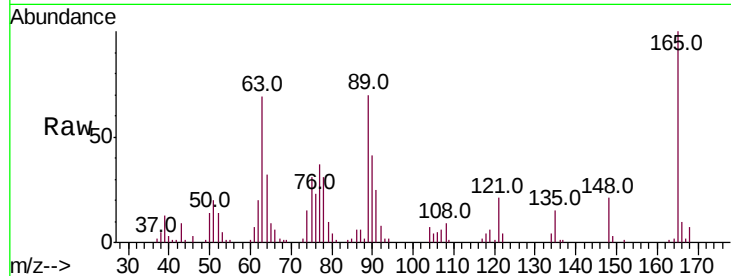
Instrument :
BNA_M
ClientSampleId :
PB119867BS

Tot Ion:	165	Resp:	80213
Ion Ratio	Lower	Upper	
165	100		
63	68.8	49.6	74.4
89	69.9	50.8	76.2

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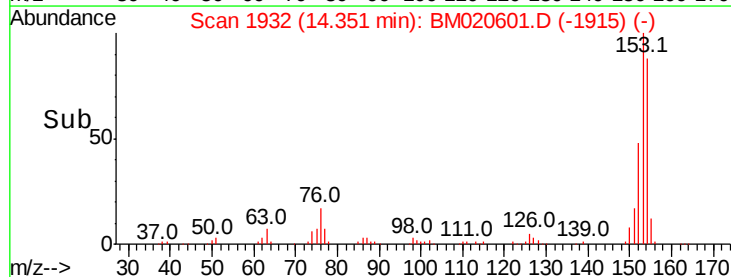
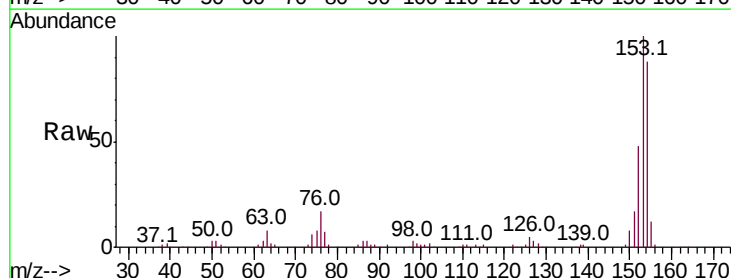
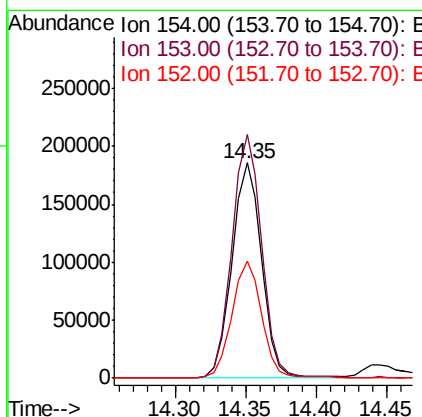
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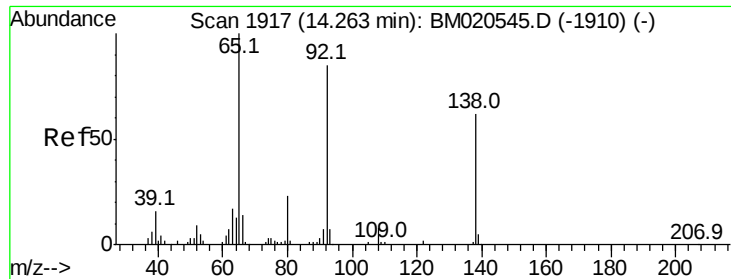
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#52
Acenaphthene
Concen: 42.141 ng
RT: 14.35 min Scan# 1932
Delta R.T. -0.00 min
Lab File: BM020601.D
Acq: 29 May 2019 16:09

Tgt Ion:	154	Resp:	271528
Ion Ratio	Lower	Upper	
154	100		
153	113.3	90.2	135.4
152	54.4	42.0	63.0





#53
3-Nitroaniline
Concen: 22.008 ng
RT: 14.23 min Scan# 1912
Delta R.T. 0.01 min
Lab File: BM020601.D
Acq: 29 May 2019 16:09

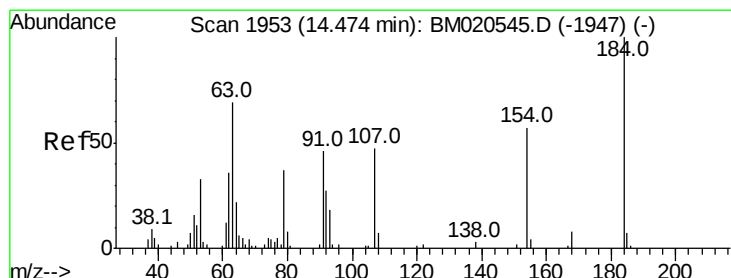
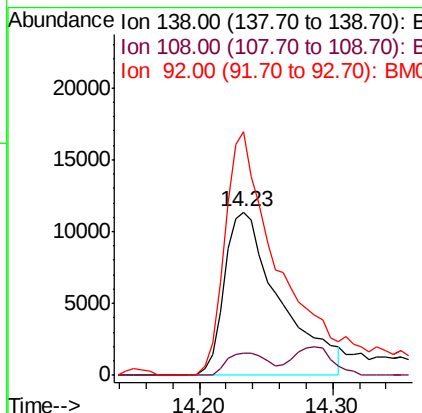
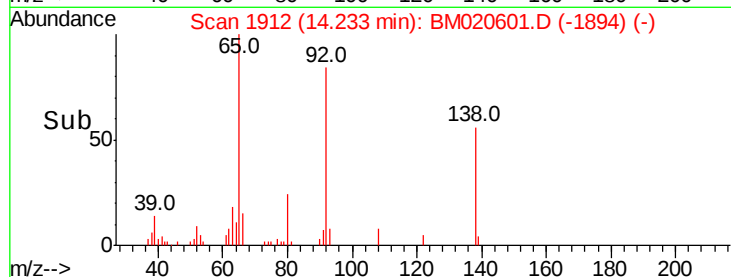
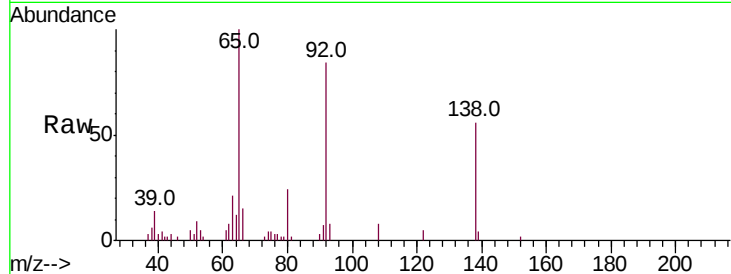
Instrument :
BNA_M
ClientSampled :
PB119867BS

Tot Ion:138 Resp: 32938
Ion Ratio Lower Upper
138 100
108 13.5 10.1 15.1
92 149.3 109.5 164.3

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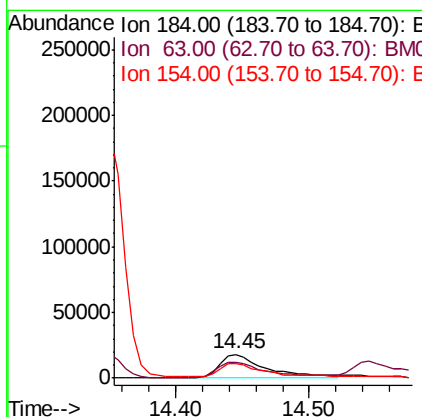
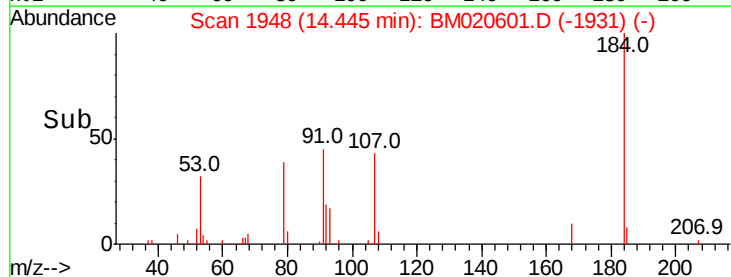
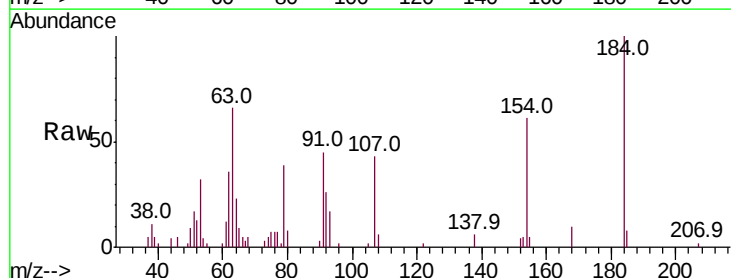
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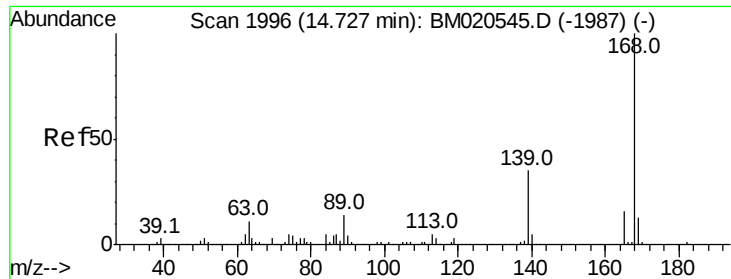
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#54
2,4-Dinitrophenol
Concen: 40.329 ng
RT: 14.45 min Scan# 1948
Delta R.T. -0.00 min
Lab File: BM020601.D
Acq: 29 May 2019 16:09

Tgt Ion:184 Resp: 44093
Ion Ratio Lower Upper
184 100
63 65.9 56.3 84.5
154 61.2 49.0 73.6





#55
Dibenzenofuran
Concen: 42.505 ng
RT: 14.69 min Scan# 1990
Delta R.T. -0.00 min
Lab File: BM020601.D
Acq: 29 May 2019 16:09

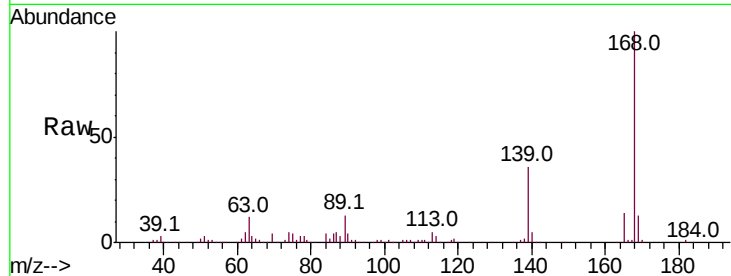
Instrument :
BNA_M
ClientSampleId :
PB119867BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.8	28.2	42.4
169	13.3	10.6	16.0

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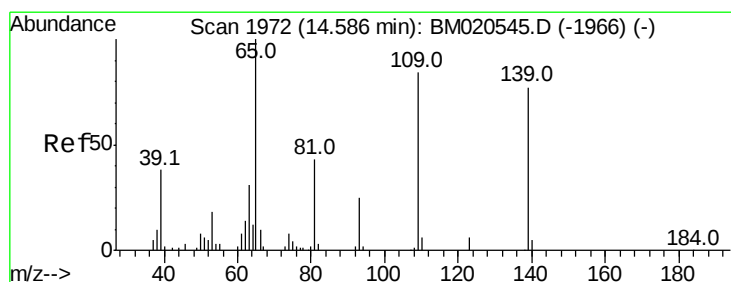
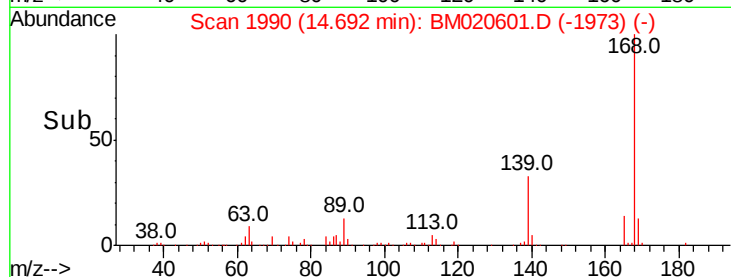
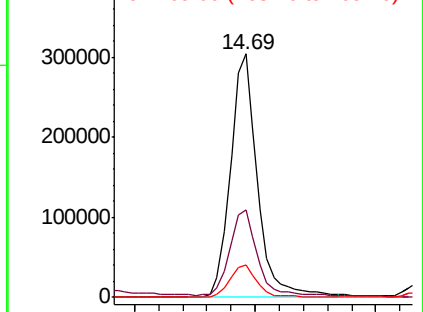


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 58.150 ng
RT: 14.55 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BM020601.D
Acq: 29 May 2019 16:09

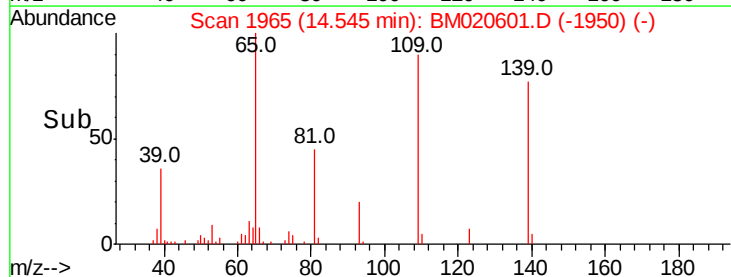
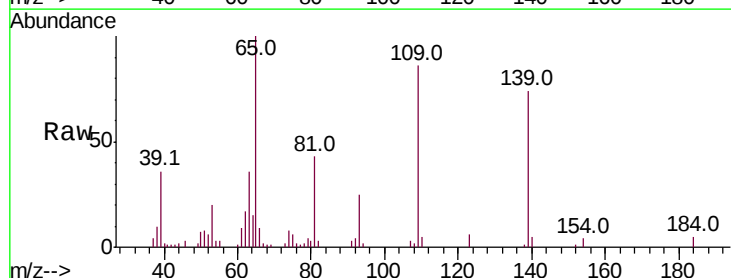
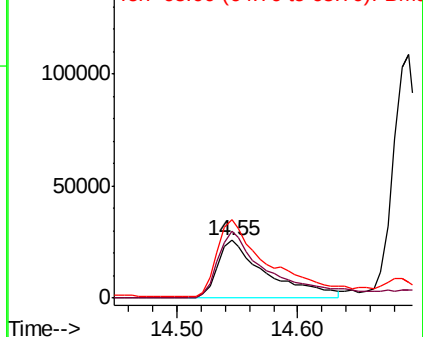
Tgt Ion	Ratio	Lower	Upper
139	100		
109	116.9	89.4	129.4
65	135.2	113.3	153.3

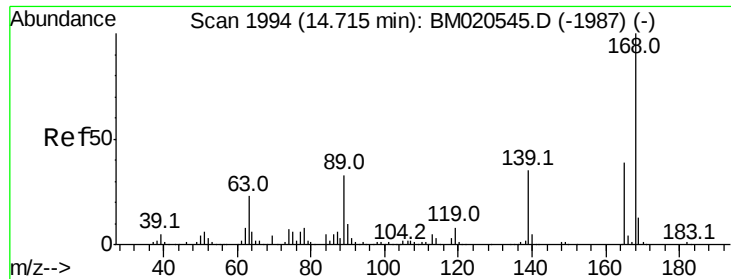
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM





#57
 2,4-Dinitrotoluene
 Concen: 36.428 ng
 RT: 14.68 min Scan# 1988
 Delta R.T. -0.00 min
 Lab File: BM020601.D
 Acq: 29 May 2019 16:09

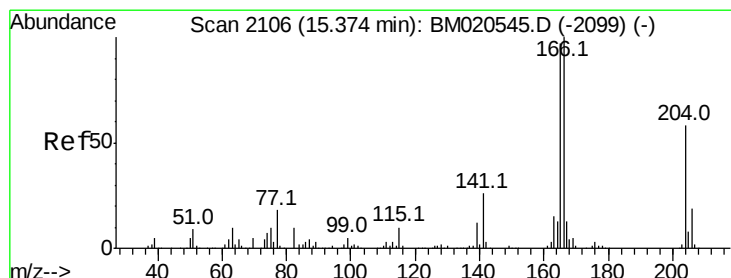
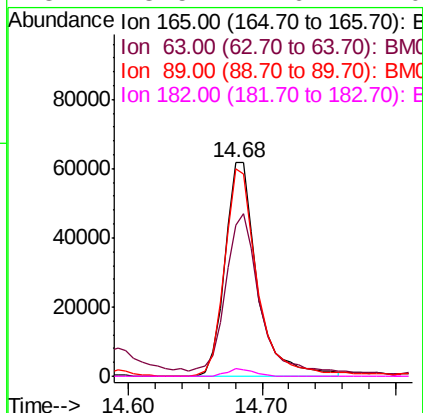
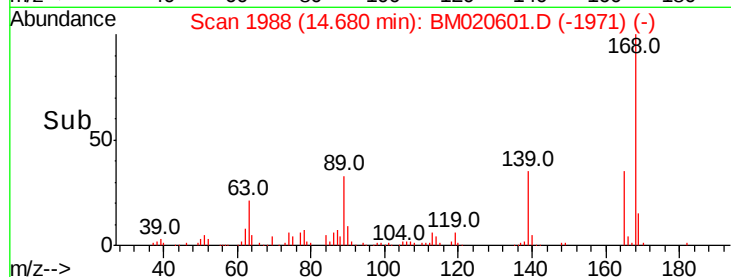
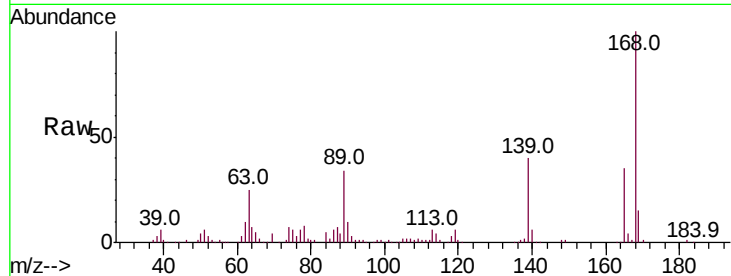
Instrument :
 BNA_M
 ClientSampleId :
 PB119867BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	104580		
63	70.9	48.7	73.1	
89	97.1	68.8	103.2	
182	3.5	2.6	4.0	

Manual Integrations
 APPROVED

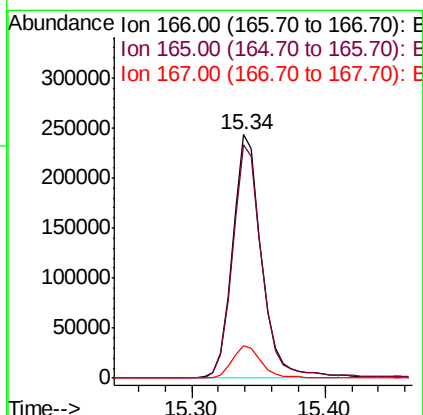
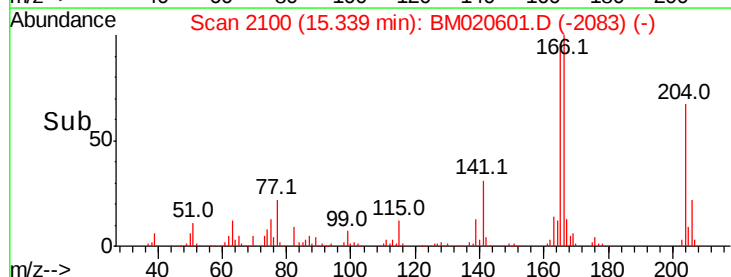
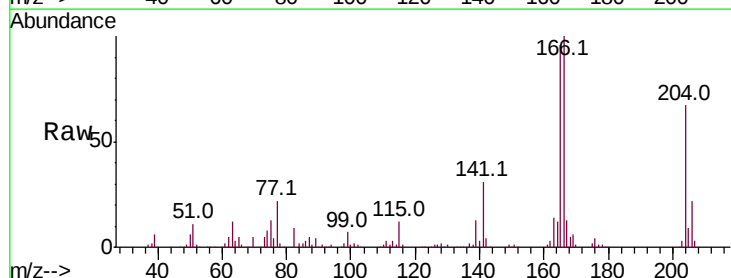
mohammad

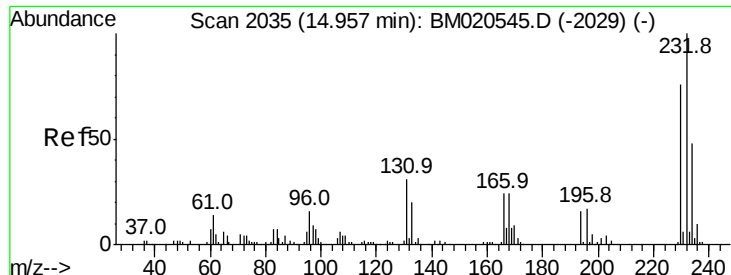
5/30/2019 8:16:15 AM



#58
 Fluorene
 Concen: 39.785 ng
 RT: 15.34 min Scan# 2100
 Delta R.T. -0.00 min
 Lab File: BM020601.D
 Acq: 29 May 2019 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	368490		
165	95.9	77.4	116.0	
167	13.5	10.6	16.0	





#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.769 ng
 RT: 14.92 min Scan# 2029
 Delta R.T. -0.00 min
 Lab File: BM020601.D
 Acq: 29 May 2019 16:09

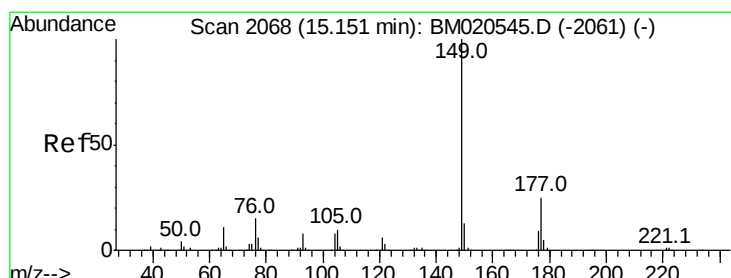
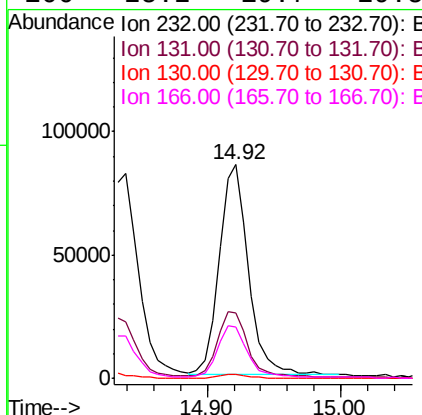
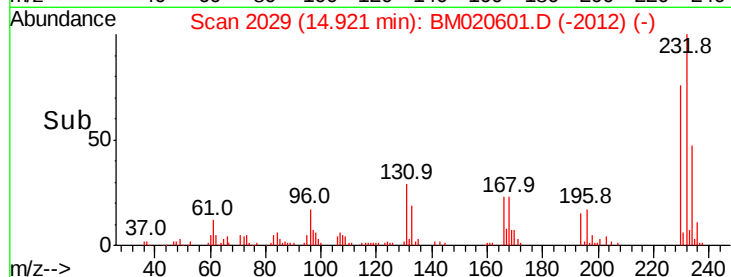
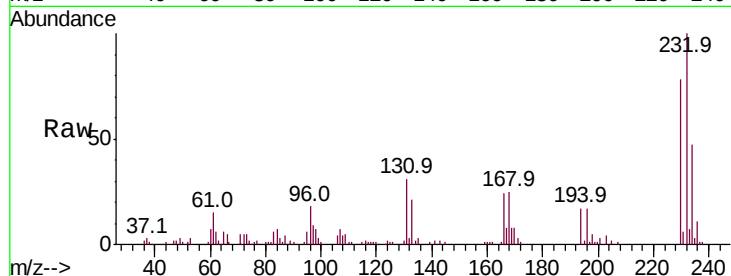
Instrument :
 BNA_M
 ClientSampleId :
 PB119867BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	130195		
131	32.6	25.4	38.0	
130	1.9	1.5	2.3	
166	25.2	19.7	29.5	

Manual Integrations
 APPROVED

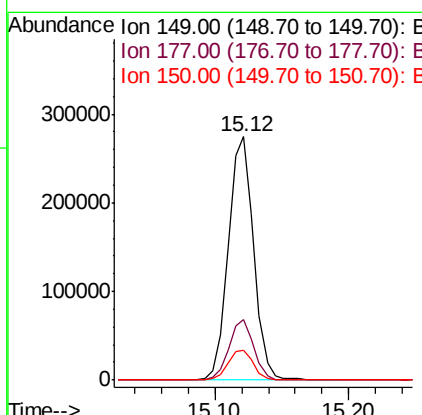
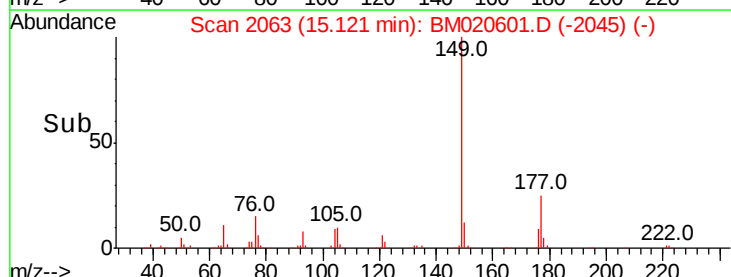
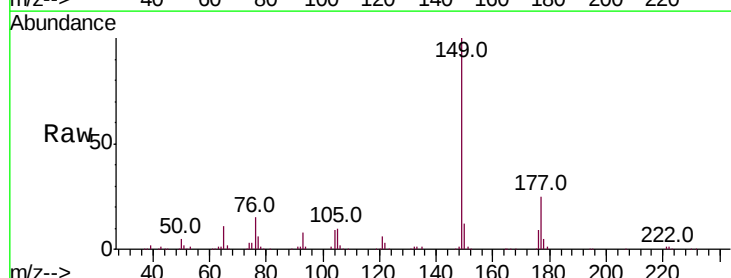
mohammad

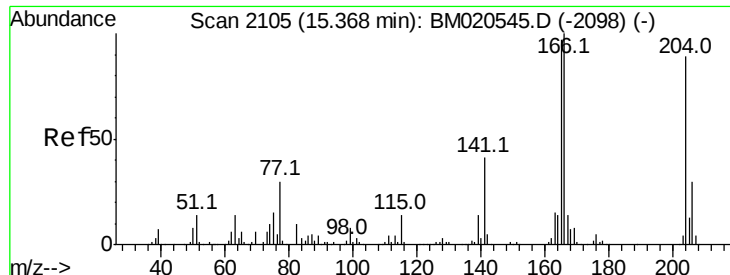
5/30/2019 8:16:15 AM



#60
 Diethylphthalate
 Concen: 38.760 ng
 RT: 15.12 min Scan# 2063
 Delta R.T. 0.01 min
 Lab File: BM020601.D
 Acq: 29 May 2019 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	364264		
177	25.0	19.8	29.8	
150	12.5	10.2	15.2	





#61
 4-Chlorophenyl-phenylether
 Concen: 40.961 ng
 RT: 15.34 min Scan# 2100
 Delta R.T. -0.00 min
 Lab File: BM020601.D
 Acq: 29 May 2019 16:09

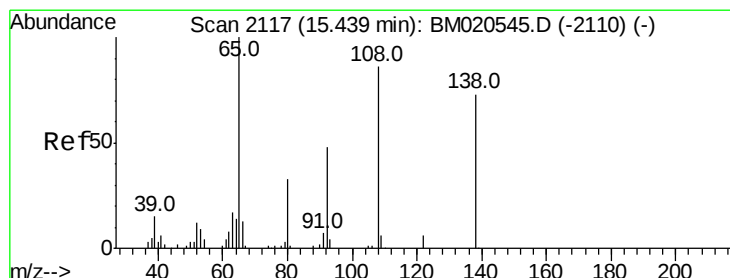
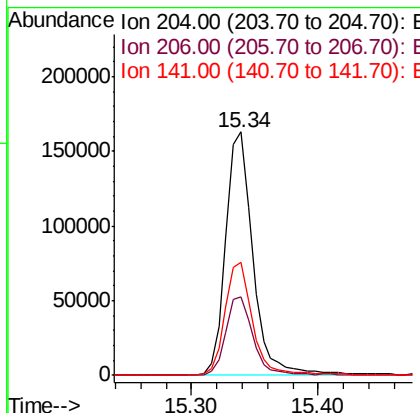
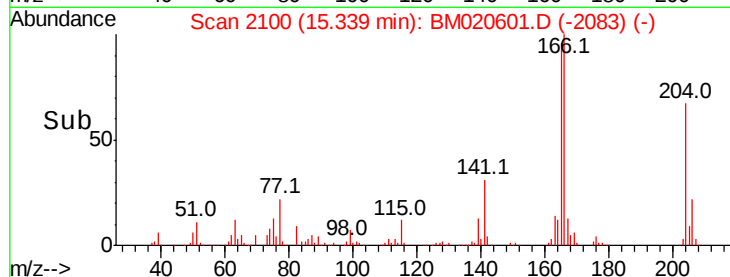
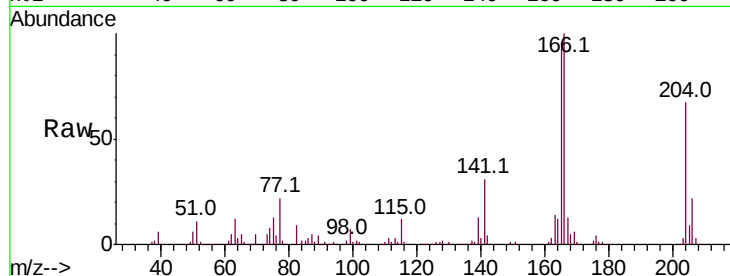
Instrument :
 BNA_M
 ClientSampleId :
 PB119867BS

Tot Ion:	204	Resp:	242202
Ion Ratio	Lower	Upper	
204	100		
206	32.3	26.6	40.0
141	46.3	36.9	55.3

Manual Integrations
 APPROVED

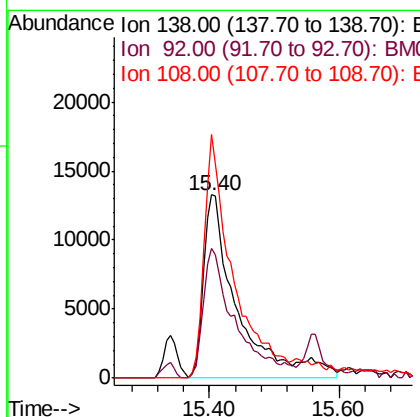
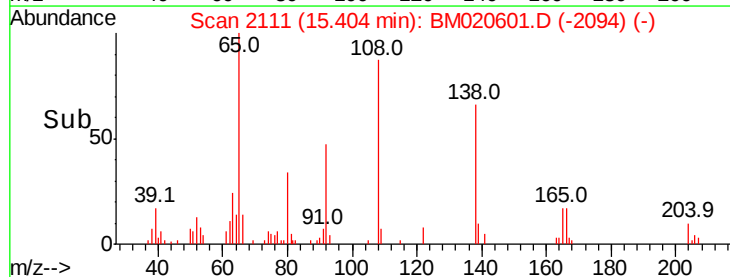
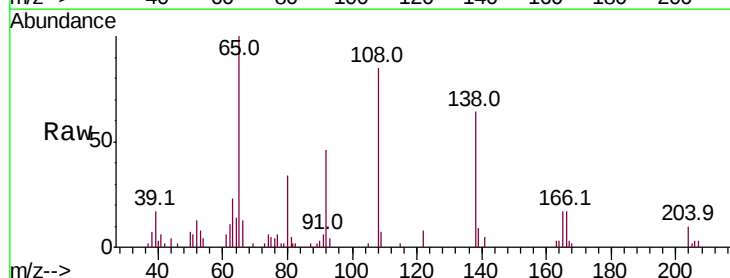
mohammad

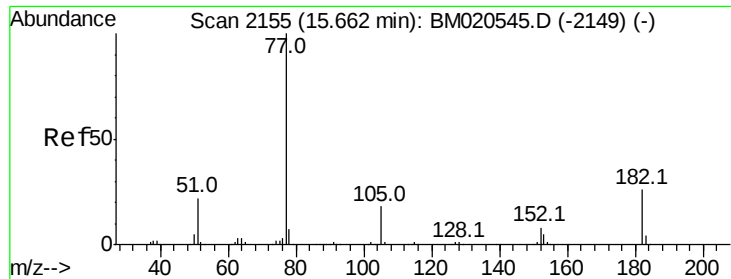
5/30/2019 8:16:15 AM



#62
 4-Nitroaniline
 Concen: 28.713 ng m
 RT: 15.40 min Scan# 2111
 Delta R.T. -0.00 min
 Lab File: BM020601.D
 Acq: 29 May 2019 16:09

Tgt Ion:	138	Resp:	47983
Ion Ratio	Lower	Upper	
138	100		
92	71.0	44.5	84.5
108	132.8	95.9	135.9





#63
Azobenzene
Concen: 40.636 ng
RT: 15.63 min Scan# 2150
Delta R.T. -0.00 min
Lab File: BM020601.D
Acq: 29 May 2019 16:09

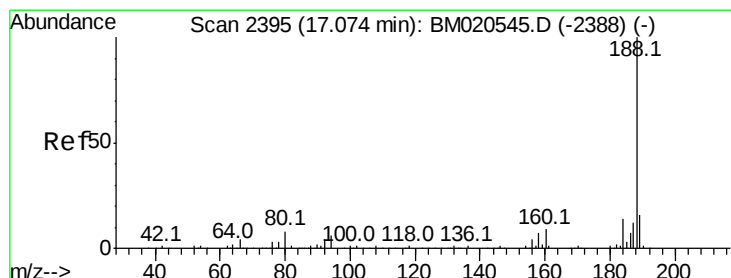
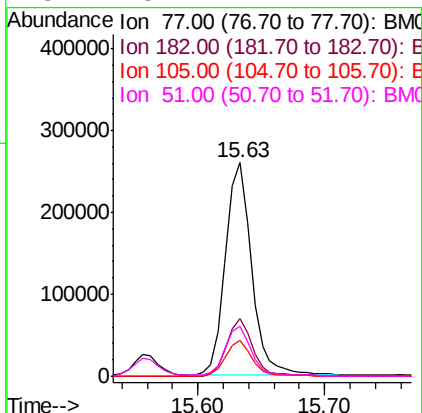
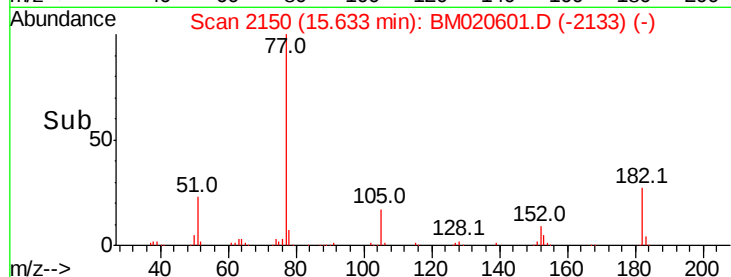
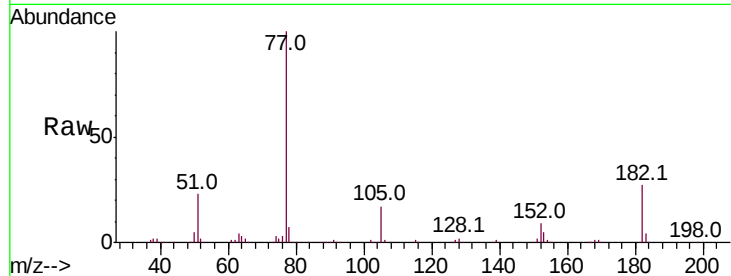
Instrument :
BNA_M
ClientSampleId :
PB119867BS

Tot Ion	Ratio	Resp	Lower	Upper
77	100			
182	27.2	5.7	45.7	
105	16.8	0.0	37.6	
51	23.1	1.7	41.7	

Manual Integrations
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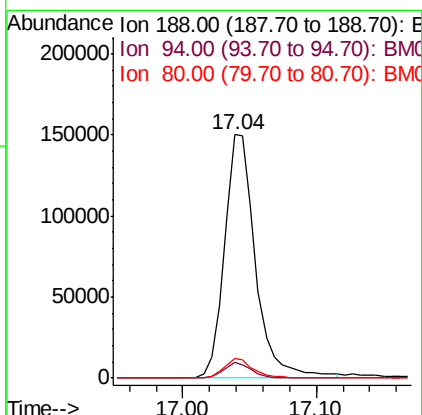
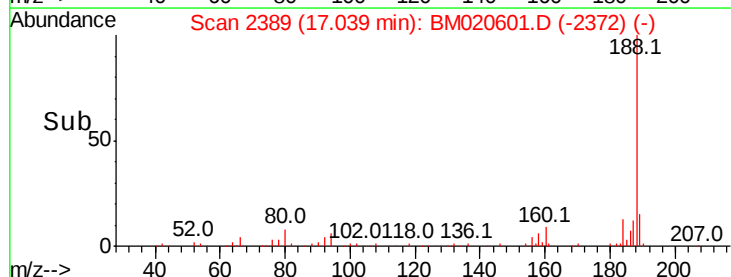
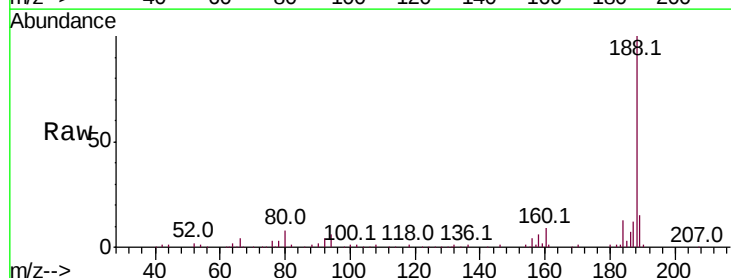
mohammad

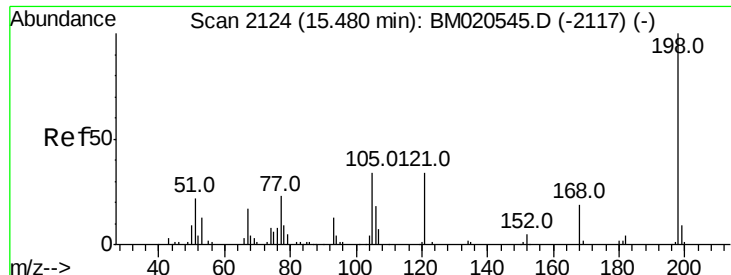
5/30/2019 8:16:15 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.04 min Scan# 2389
Delta R.T. -0.00 min
Lab File: BM020601.D
Acq: 29 May 2019 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	6.2	5.0	7.4	
80	8.1	6.5	9.7	





#65

4,6-Dinitro-2-methylphenol

Concen: 30.717 ng

RT: 15.44 min Scan# 2118

Delta R.T. -0.00 min

Lab File: BM020601.D

Acq: 29 May 2019 16:09

Instrument :

BNA_M

ClientSampleId :

PB119867BS

Tot Ion:198 Resp: 43554

Ion Ratio Lower Upper

198 100

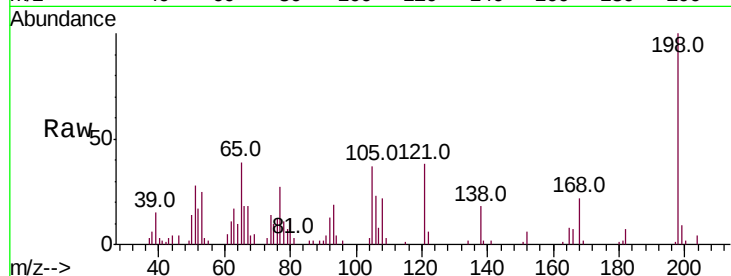
51 27.8 6.4 46.4

105 36.7 15.1 55.1

Manual Integrations
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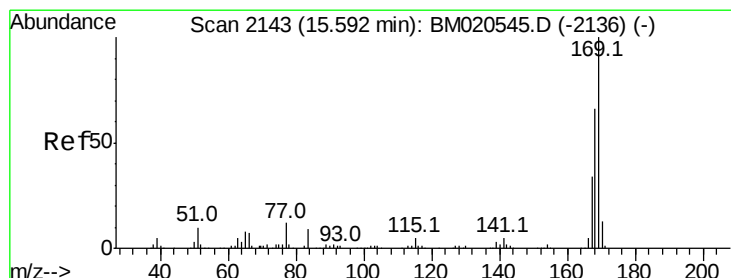
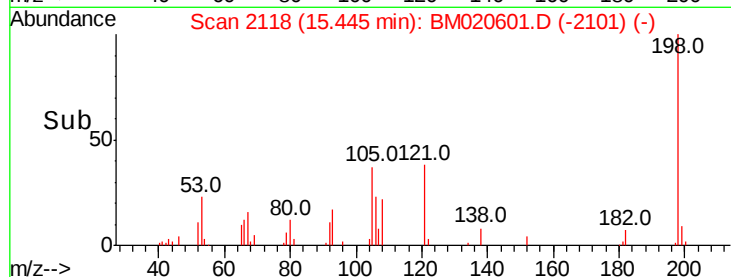
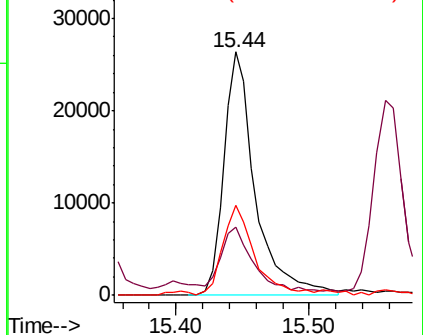
5/30/2019 8:16:15 AM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 47.197 ng

RT: 15.56 min Scan# 2138

Delta R.T. 0.01 min

Lab File: BM020601.D

Acq: 29 May 2019 16:09

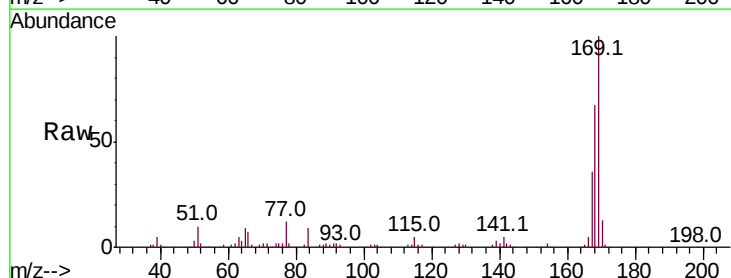
Tgt Ion:169 Resp: 313232

Ion Ratio Lower Upper

169 100

168 66.8 52.5 78.7

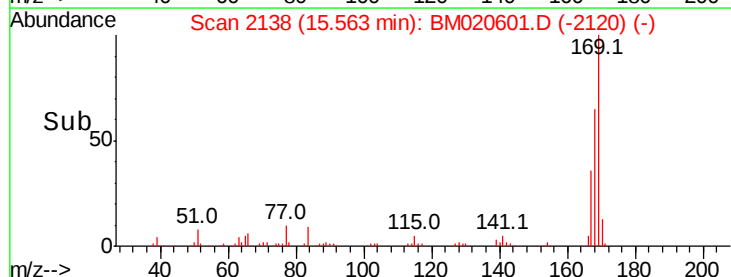
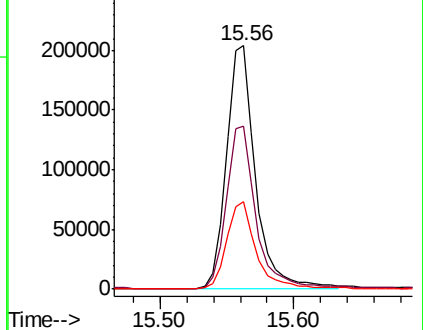
167 35.9 27.5 41.3

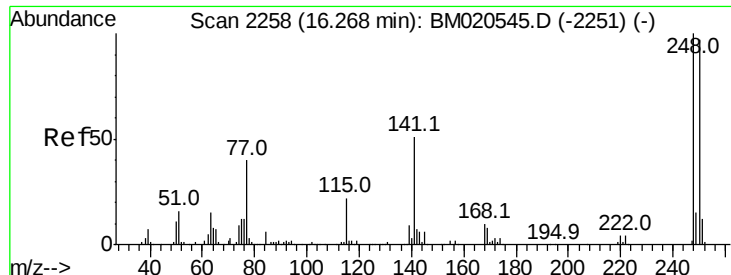


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 45.224 ng

RT: 16.23 min Scan# 2252

Delta R.T. -0.00 min

Lab File: BM020601.D

Acq: 29 May 2019 16:09

Instrument :

BNA_M

ClientSampleId :

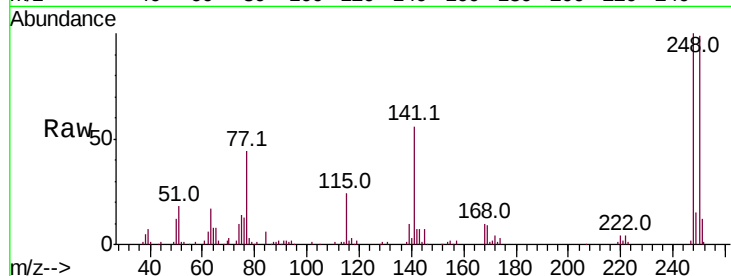
PB119867BS

Tot Ion:	248	Resp:	147460
Ion Ratio	Lower	Upper	
248	100		
250	99.3	77.8	116.6
141	55.8	41.0	61.6

Manual Integrations
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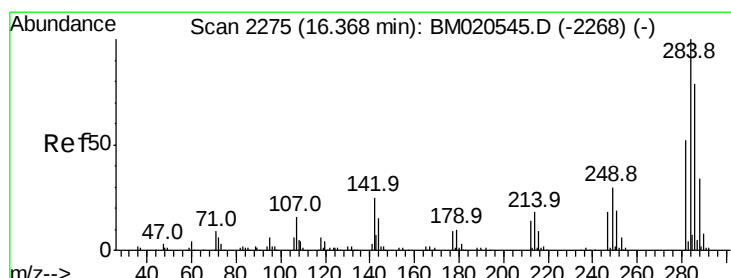
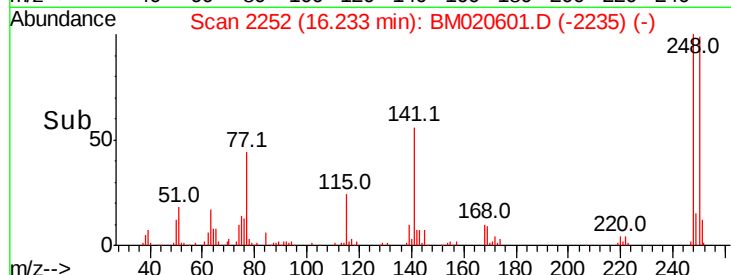
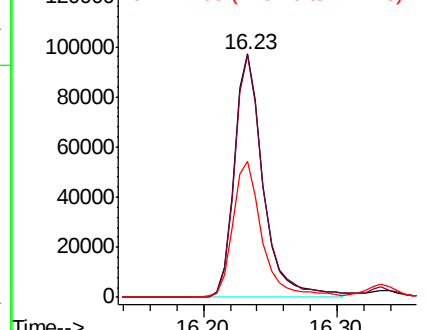


Abundance

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: 45.904 ng

RT: 16.33 min Scan# 2269

Delta R.T. -0.00 min

Lab File: BM020601.D

Acq: 29 May 2019 16:09

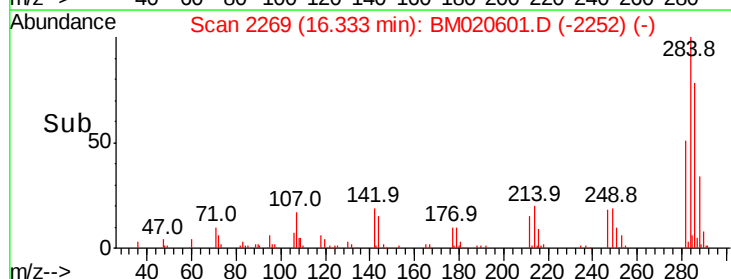
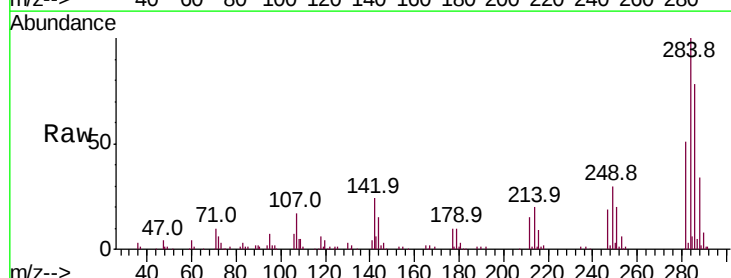
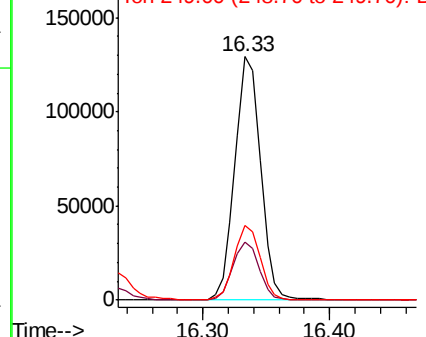
Tgt Ion:	284	Resp:	181475
Ion Ratio	Lower	Upper	
284	100		
142	23.7	20.2	30.2
249	30.5	23.9	35.9

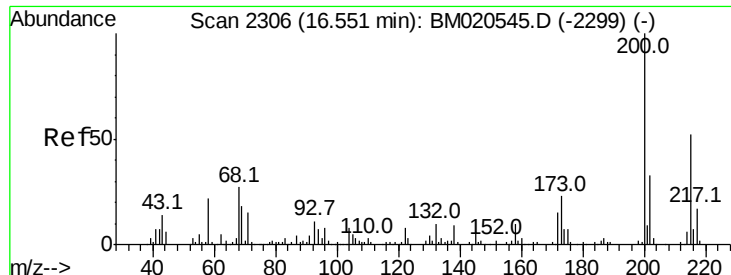
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69
Atrazine
Concen: 44.293 ng
RT: 16.52 min Scan# 2300
Delta R.T. -0.00 min
Lab File: BM020601.D
Acq: 29 May 2019 16:09

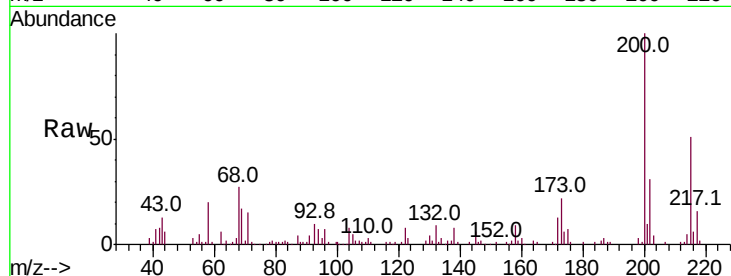
Instrument :
BNA_M
ClientSampled :
PB119867BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	22.1	3.2	43.2
215	50.5	31.7	71.7

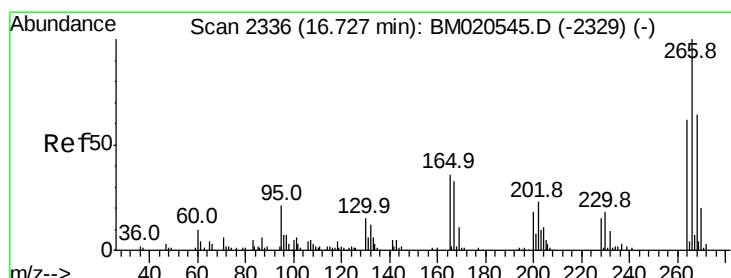
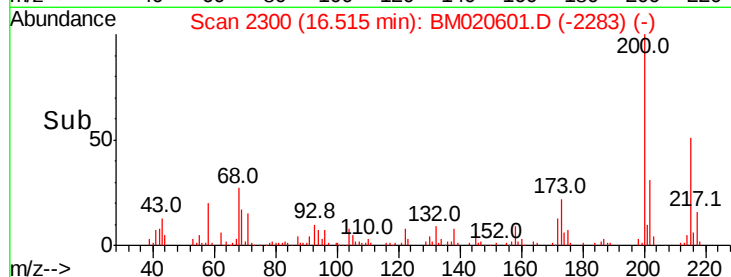
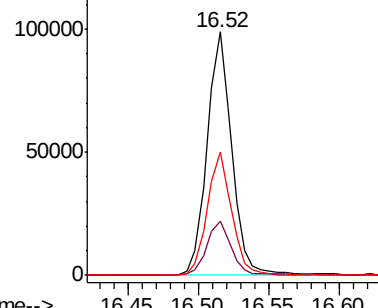
Manual Integrations
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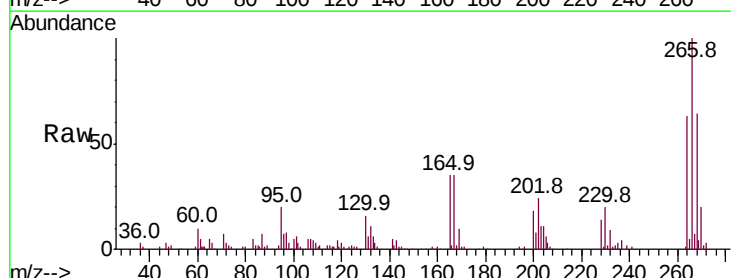


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

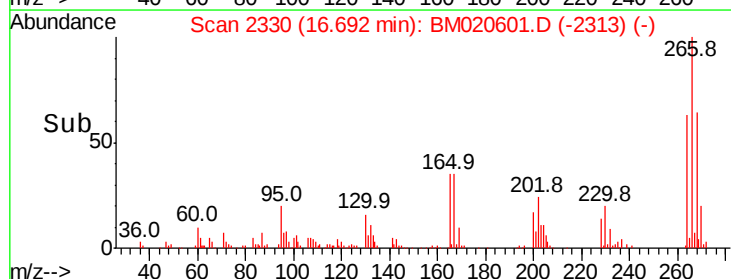
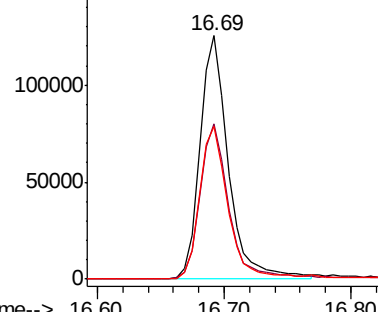


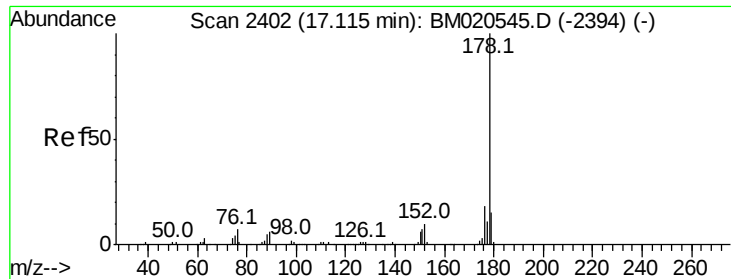
#70
Pentachlorophenol
Concen: 94.793 ng
RT: 16.69 min Scan# 2330
Delta R.T. -0.00 min
Lab File: BM020601.D
Acq: 29 May 2019 16:09

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.0	51.0	76.4
264	62.9	49.8	74.8



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: 42.749 ng
RT: 17.09 min Scan# 2397
Delta R.T. -0.00 min
Lab File: BM020601.D
Acq: 29 May 2019 16:09

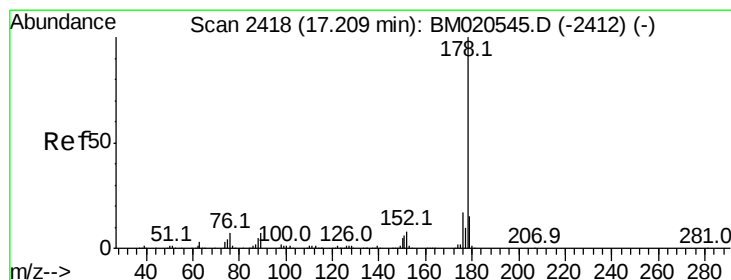
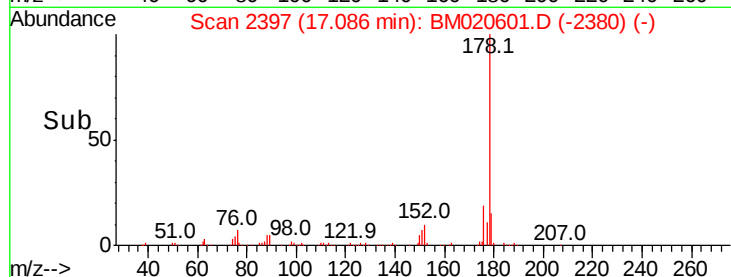
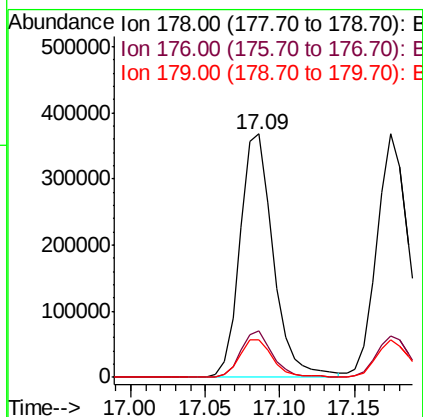
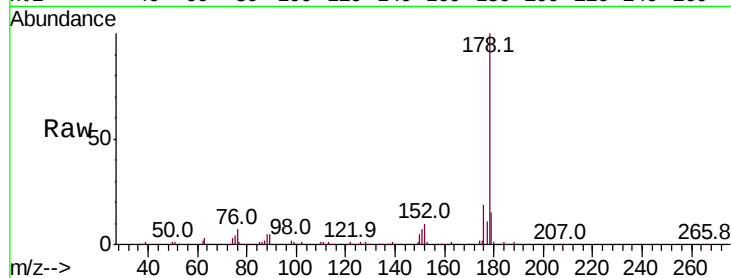
Instrument :
BNA_M
ClientSampleID :
PB119867BS

Tot Ion:178	Resp:	568434
Ion Ratio	Lower	Upper
178	100	
176	19.1	14.7 22.1
179	15.2	12.2 18.2

Manual Integrations
APPROVED

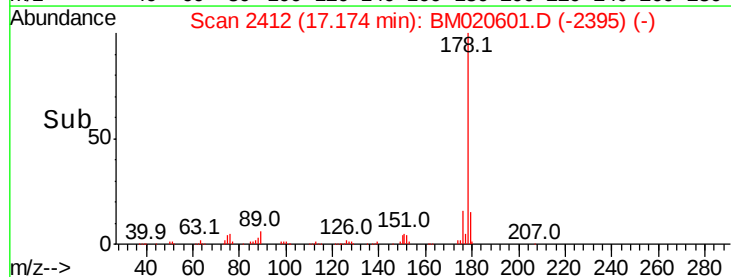
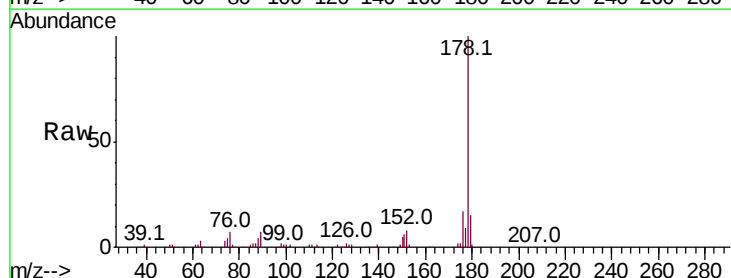
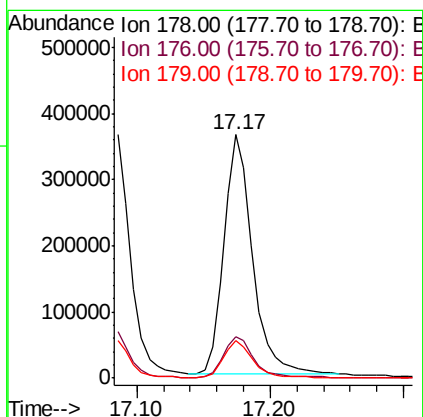
mohammad

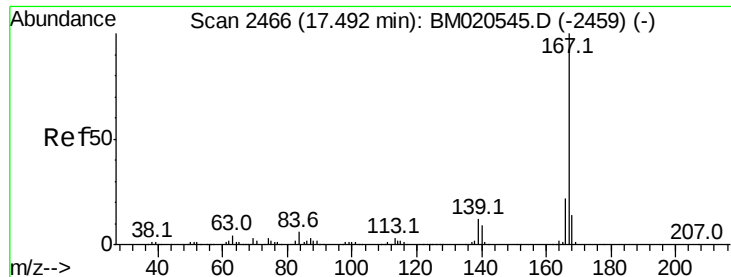
5/30/2019 8:16:15 AM



#72
Anthracene
Concen: 41.980 ng
RT: 17.17 min Scan# 2412
Delta R.T. -0.00 min
Lab File: BM020601.D
Acq: 29 May 2019 16:09

Tgt Ion:178	Resp:	541332
Ion Ratio	Lower	Upper
178	100	
176	17.1	14.0 21.0
179	15.4	12.4 18.6





#73
 Carbazole
 Concen: 38.876 ng
 RT: 17.46 min Scan# 2460
 Delta R.T. -0.00 min
 Lab File: BM020601.D
 Acq: 29 May 2019 16:09

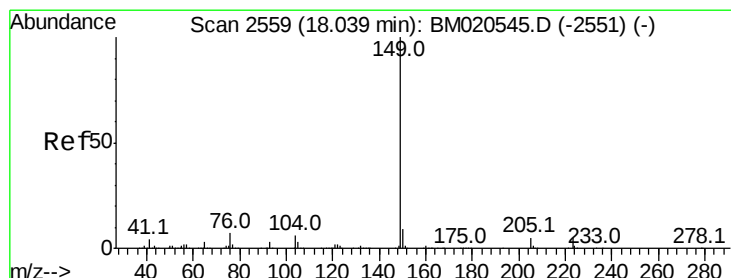
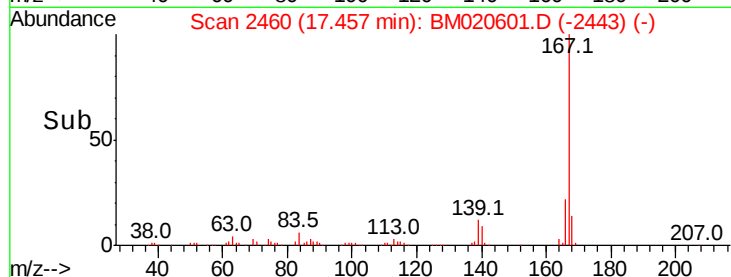
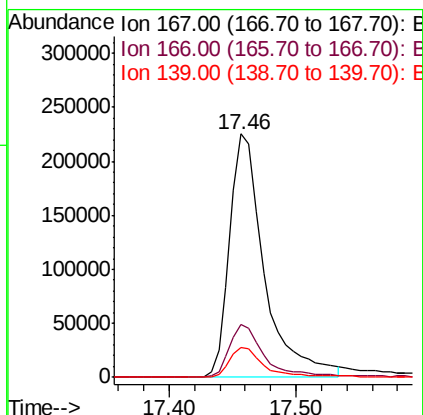
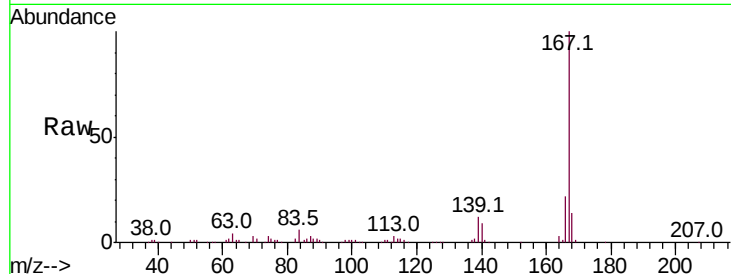
Instrument :
 BNA_M
 ClientSampleId :
 PB119867BS

Tot Ion:	167	Resp:	430217
Ion Ratio	Lower	Upper	
167	100		
166	21.5	17.4	26.0
139	12.2	9.3	13.9

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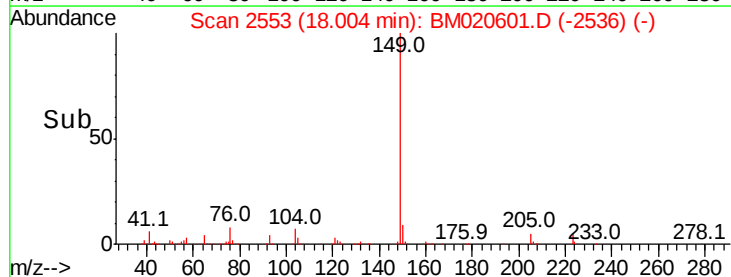
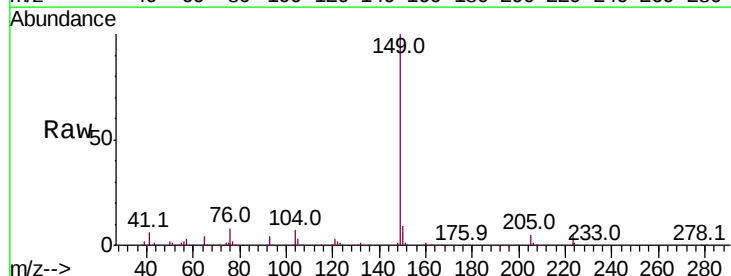
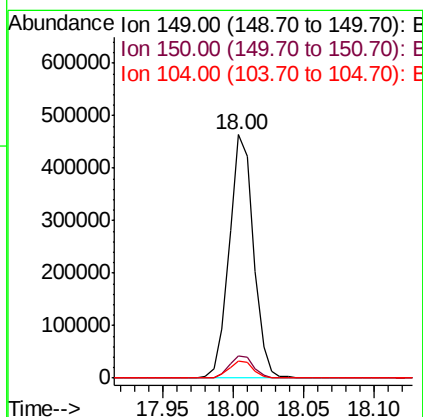
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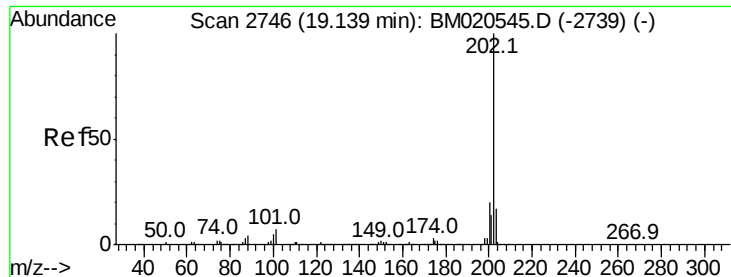
5/30/2019 8:16:15 AM



#74
 Di-n-butylphthalate
 Concen: 40.650 ng
 RT: 18.00 min Scan# 2553
 Delta R.T. -0.00 min
 Lab File: BM020601.D
 Acq: 29 May 2019 16:09

Tgt Ion:	149	Resp:	553367
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.3	10.9
104	6.8	5.0	7.4





#75

Fluoranthene

Concen: 38.399 ng

RT: 19.11 min Scan# 2741

Delta R.T. -0.00 min

Lab File: BM020601.D

Acq: 29 May 2019 16:09

Instrument :

BNA_M

ClientSampleId :

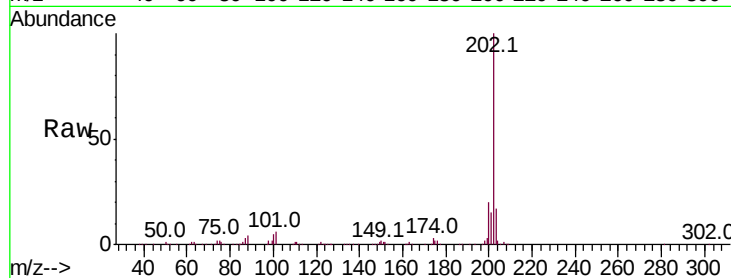
PB119867BS

Tot Ion:	202	Resp:	710025
Ion Ratio	Lower	Upper	
202	100		
101	6.5	0.0	26.7
203	17.5	0.0	37.4

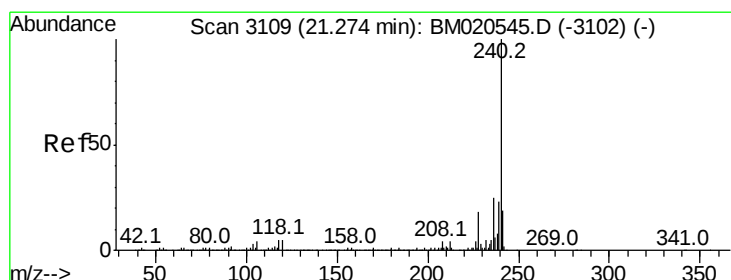
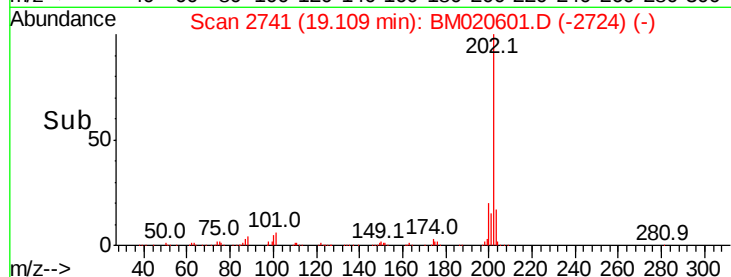
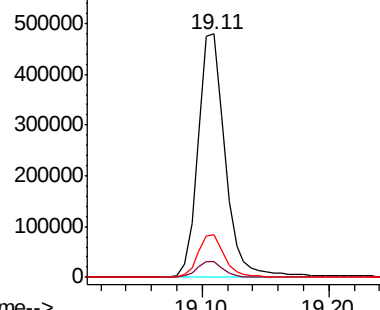
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.24 min Scan# 3103

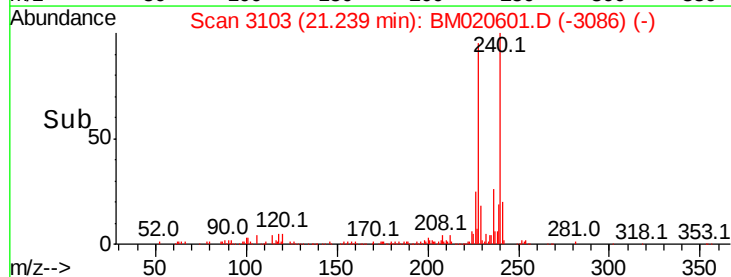
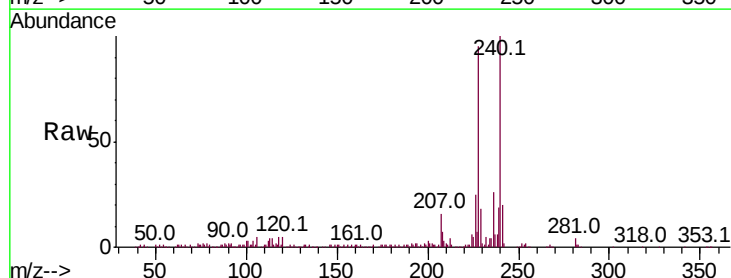
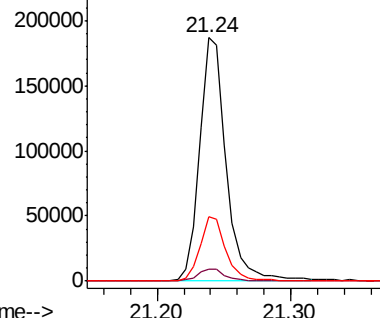
Delta R.T. -0.00 min

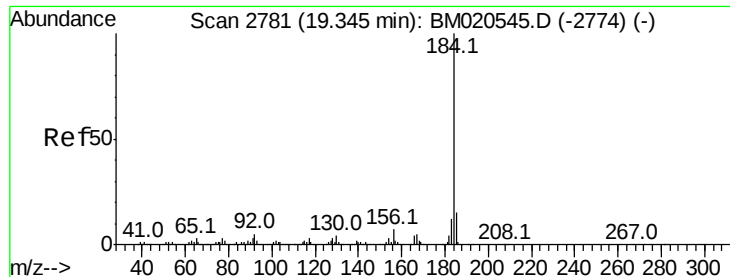
Lab File: BM020601.D

Acq: 29 May 2019 16:09

Tgt Ion:	240	Resp:	261677
Ion Ratio	Lower	Upper	
240	100		
120	5.0	4.1	6.1
236	26.3	20.2	30.4

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





#77

Benzidine

Concen: 52.035 ng/mL

RT: 19.32 min Scan# 2777

Delta R.T. -0.00 min

Lab File: BM020601.D

Acq: 29 May 2019 16:09

Instrument :

BNA_M

ClientSampleId :

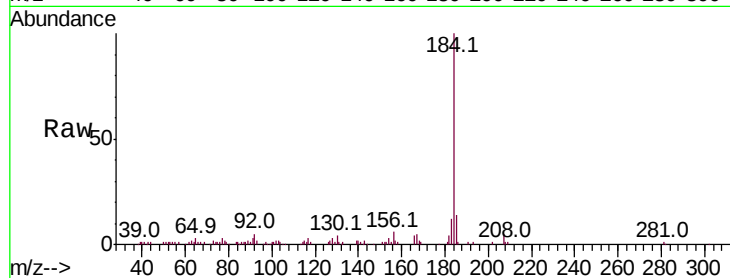
PB119867BS

Tot Ion:	184	Resp:	250237
Ion Ratio	Lower	Upper	
184	100		
185	14.1	11.8	17.8
183	11.8	9.7	14.5

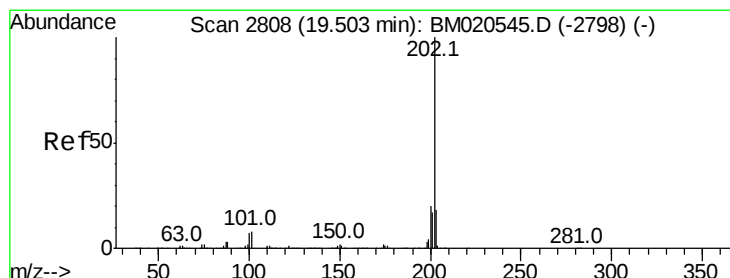
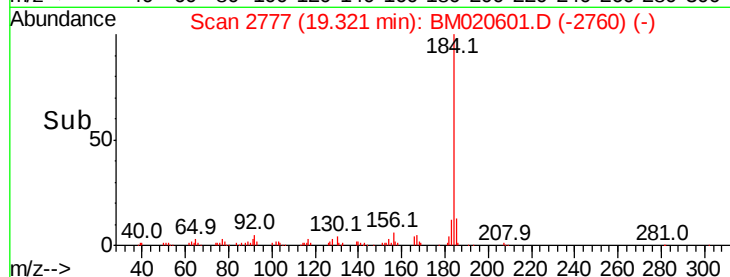
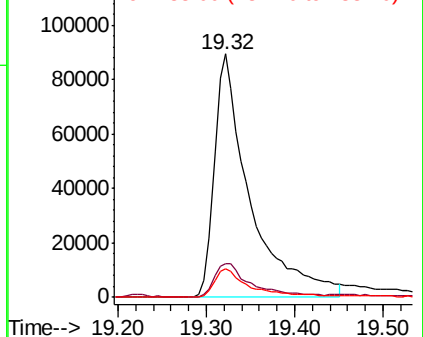
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.818 ng/mL

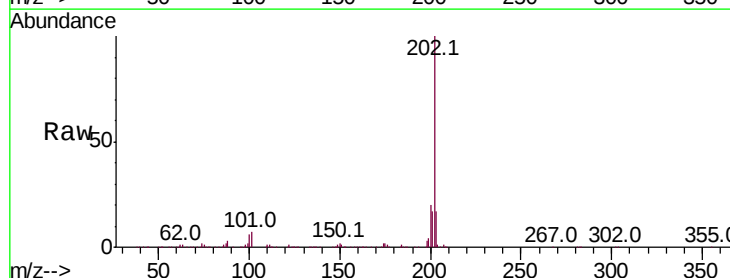
RT: 19.47 min Scan# 2803

Delta R.T. -0.00 min

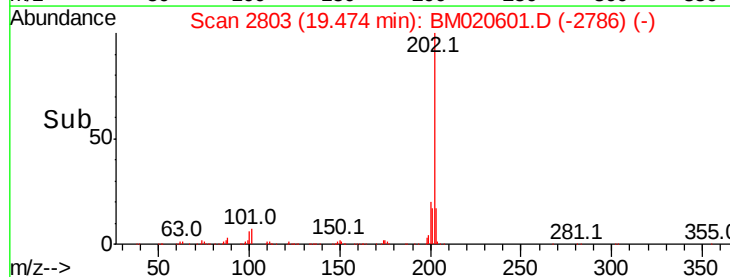
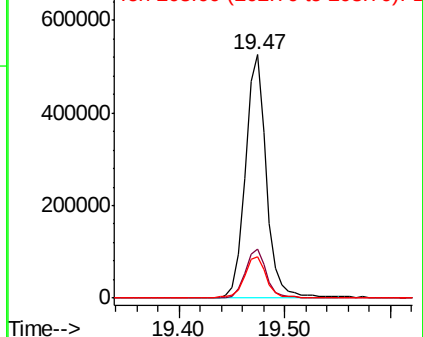
Lab File: BM020601.D

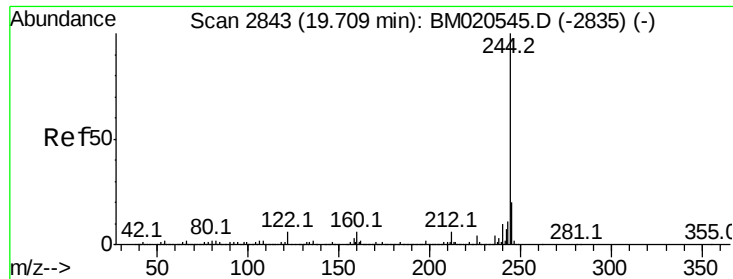
Acq: 29 May 2019 16:09

Tgt Ion:	202	Resp:	719858
Ion Ratio	Lower	Upper	
202	100		
200	20.0	16.0	24.0
203	17.1	14.1	21.1



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





#79
 Terphenyl-d14
 Concen: 94.044 ng
 RT: 19.68 min Scan# 2838
 Delta R.T. 0.01 min
 Lab File: BM020601.D
 Acq: 29 May 2019 16:09

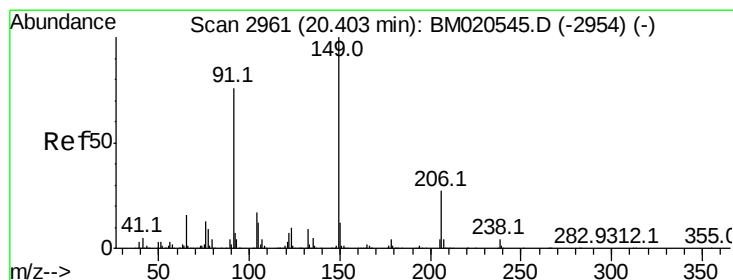
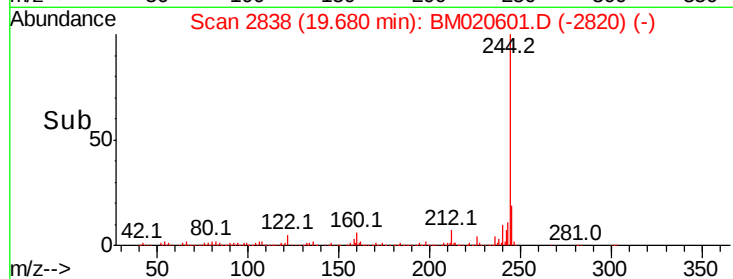
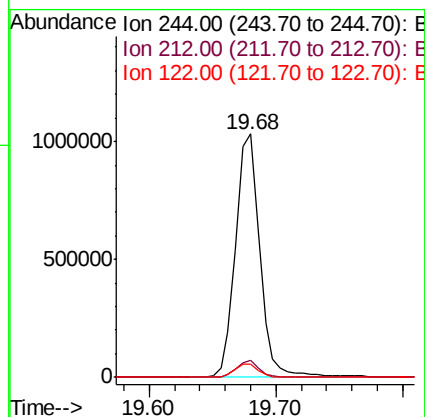
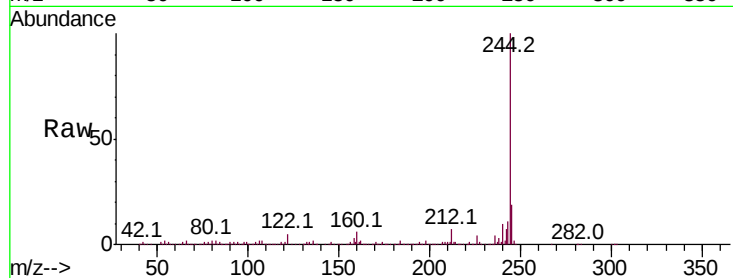
Instrument :
 BNA_M
 ClientSampleID :
 PB119867BS

Tot Ion:	244	Resp:	1361284
Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.0	7.6
122	5.5	4.6	7.0

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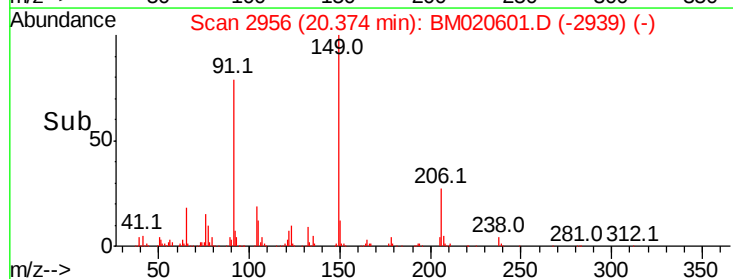
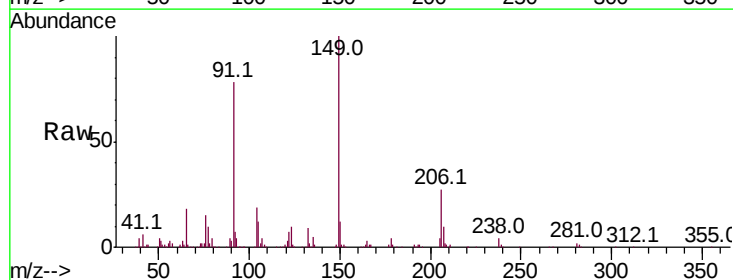
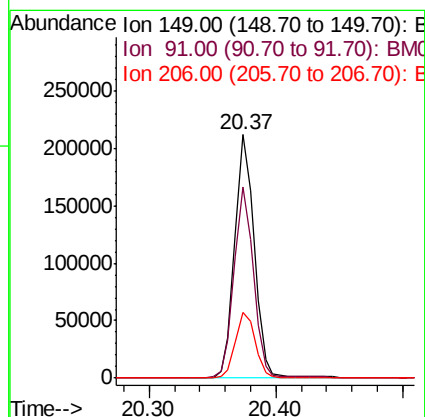
mohammad

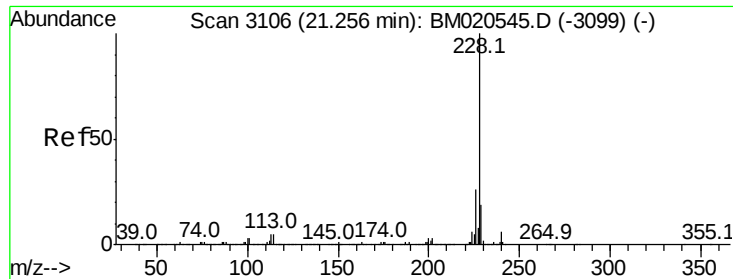
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#80
 Butylbenzylphthalate
 Concen: 39.279 ng
 RT: 20.37 min Scan# 2956
 Delta R.T. -0.00 min
 Lab File: BM020601.D
 Acq: 29 May 2019 16:09

Tgt Ion:	149	Resp:	226726
Ion	Ratio	Lower	Upper
149	100		
91	78.5	60.9	91.3
206	27.1	21.6	32.4





#81
Benzo(a)anthracene
Concen: 39.944 ng
RT: 21.23 min Scan# 3101
Delta R.T. -0.00 min
Lab File: BM020601.D
Acq: 29 May 2019 16:09

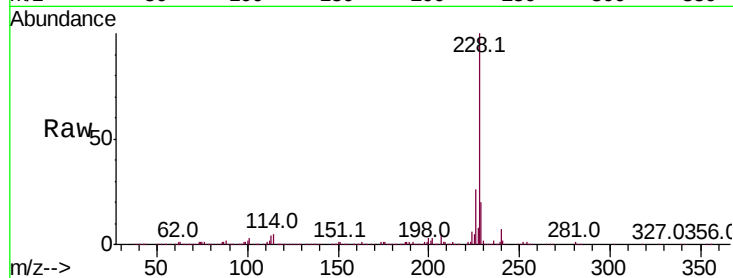
Instrument :
BNA_M
ClientSampleId :
PB119867BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.0	20.7	31.1
229	19.8	15.5	23.3

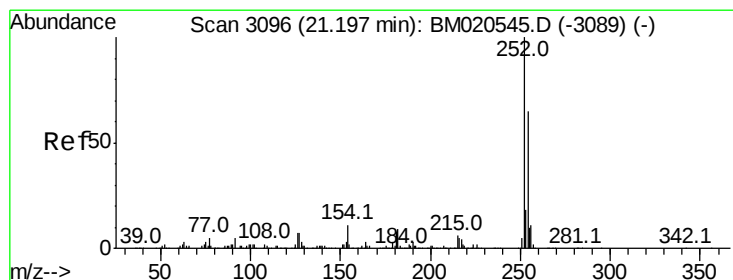
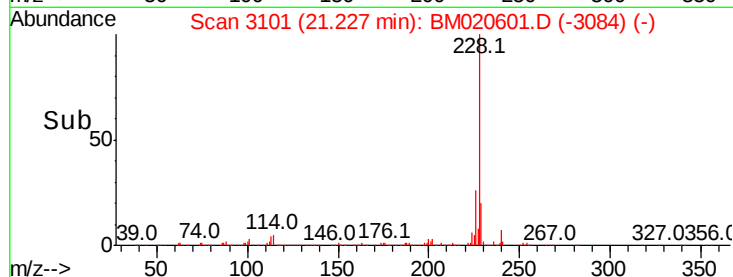
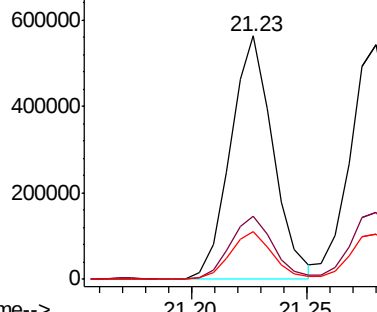
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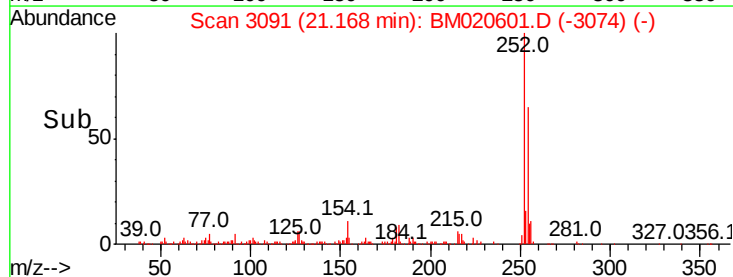
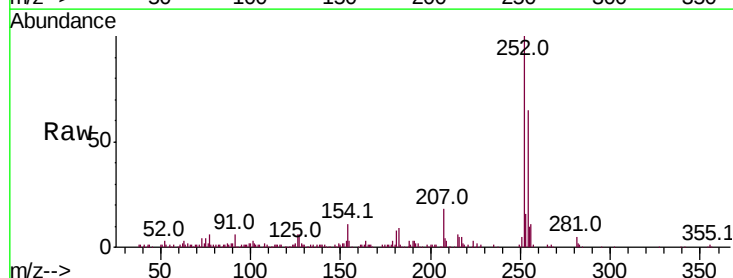
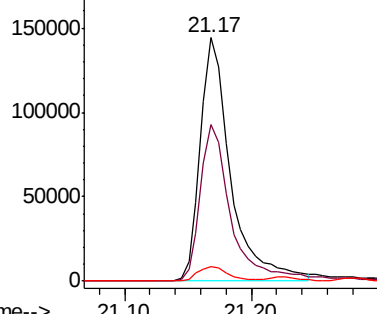
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

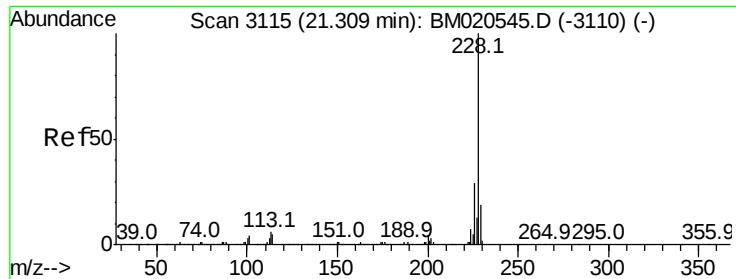


#82
3,3'-Dichlorobenzidine
Concen: 36.344 ng
RT: 21.17 min Scan# 3091
Delta R.T. -0.00 min
Lab File: BM020601.D
Acq: 29 May 2019 16:09

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.8	77.6
126	6.2	5.2	7.8

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83
 Chrysene
 Concen: 43.306 ng
 RT: 21.28 min Scan# 3110
 Delta R.T. -0.00 min
 Lab File: BM020601.D
 Acq: 29 May 2019 16:09

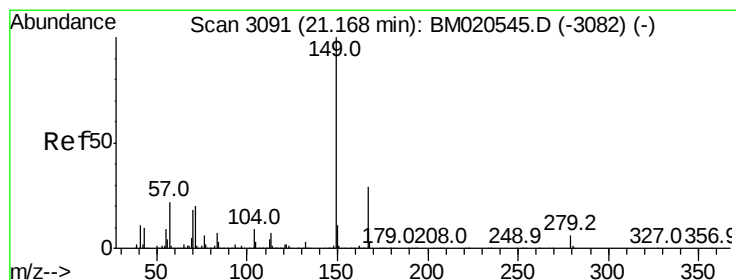
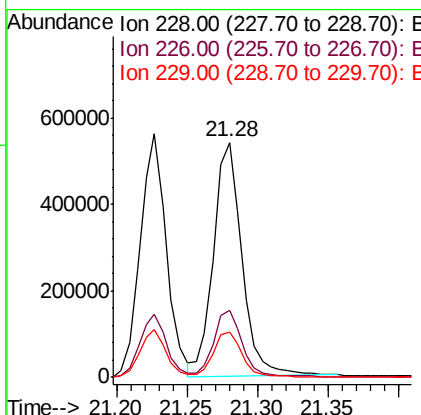
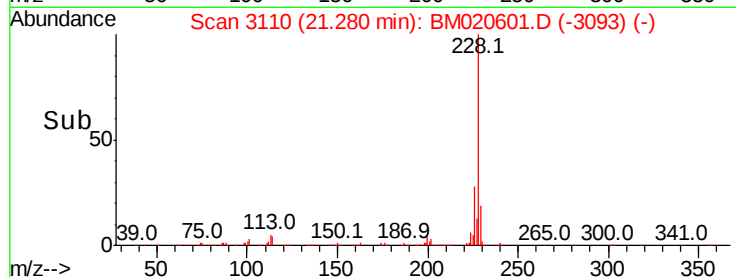
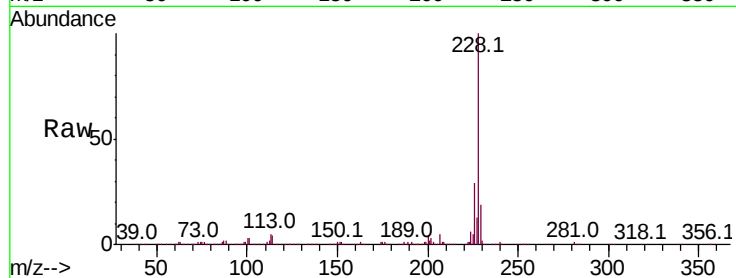
Instrument :
 BNA_M
 ClientSampleId :
 PB119867BS

Tot Ion:	228	Resp:	757862
Ion Ratio	Lower	Upper	
228	100		
226	28.6	22.9	34.3
229	19.4	15.4	23.2

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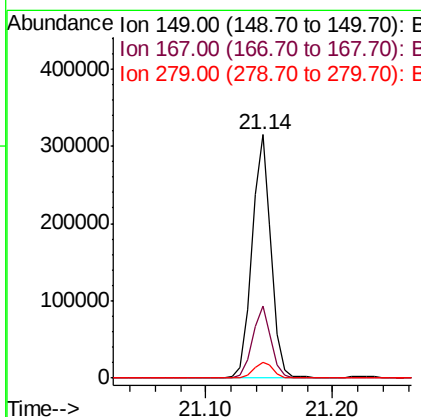
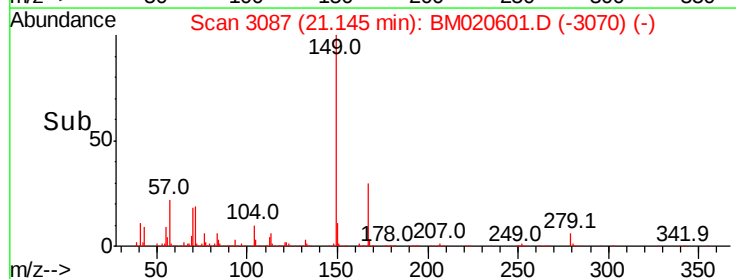
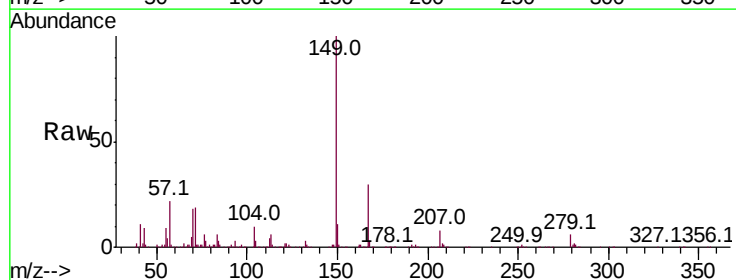
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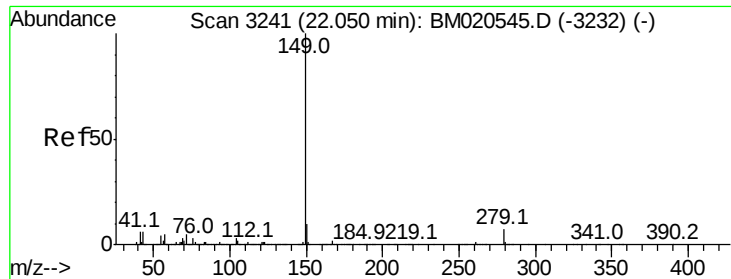
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 38.885 ng
 RT: 21.14 min Scan# 3087
 Delta R.T. -0.00 min
 Lab File: BM020601.D
 Acq: 29 May 2019 16:09

Tgt Ion:	149	Resp:	327134
Ion Ratio	Lower	Upper	
149	100		
167	29.8	22.9	34.3
279	6.4	4.9	7.3





#85
Di-n-octyl phthalate
Concen: 39.630 ng
RT: 22.02 min Scan# 3236
Delta R.T. 0.01 min
Lab File: BM020601.D
Acq: 29 May 2019 16:09

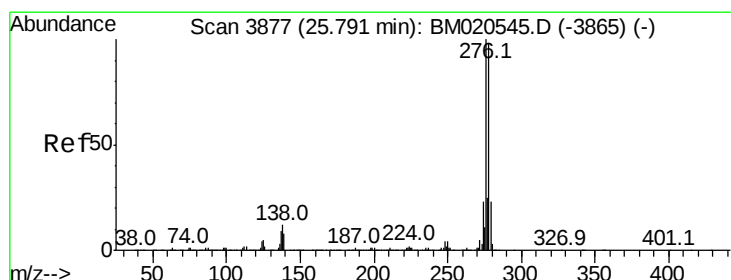
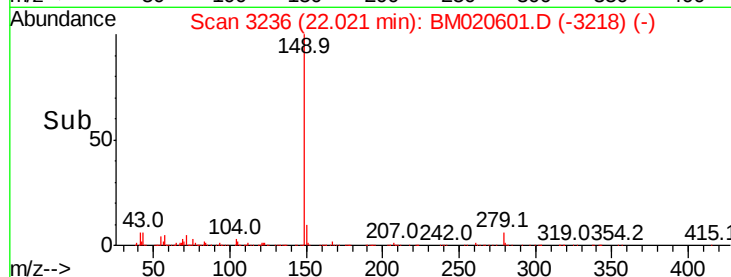
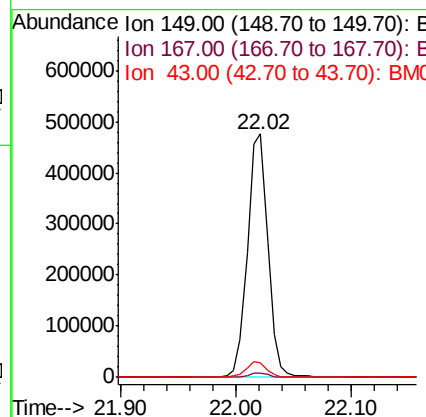
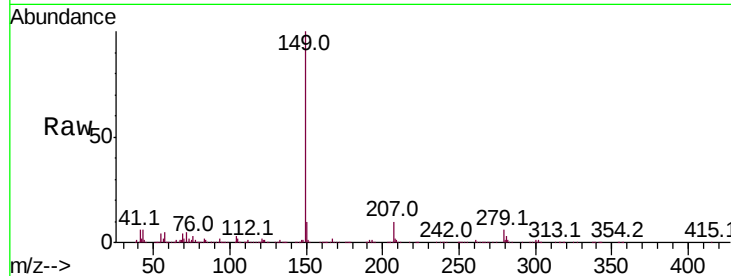
Instrument :
BNA_M
ClientSampleId :
PB119867BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.8	1.4	2.0
43	6.2	4.8	7.2

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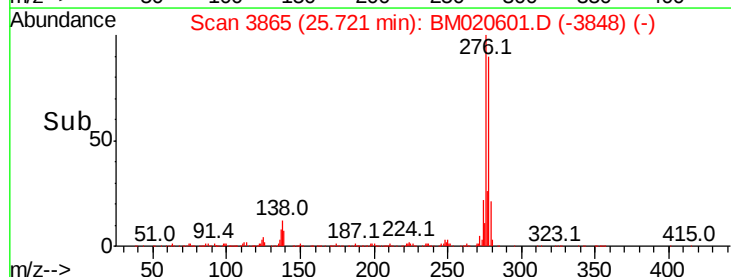
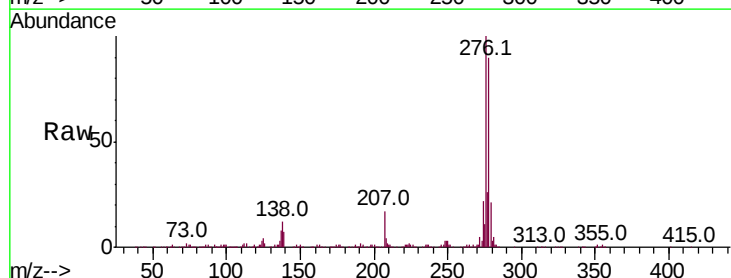
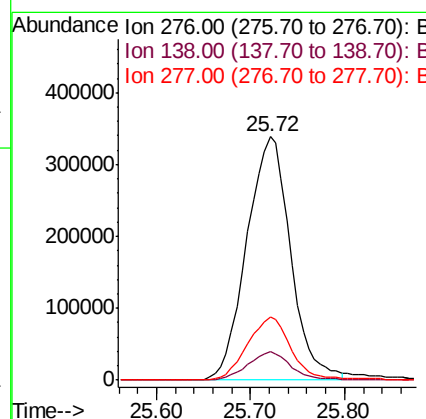
mohammad

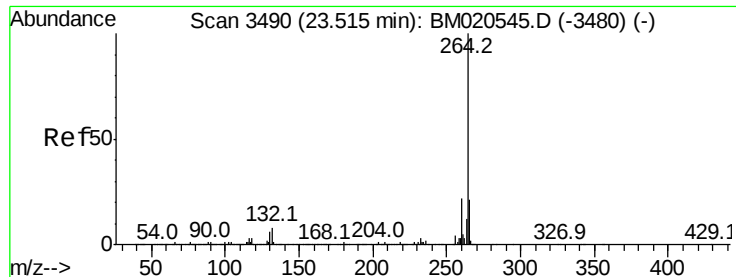
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#86
Indeno(1,2,3-cd)pyrene
Concen: 51.759 ng
RT: 25.72 min Scan# 3865
Delta R.T. -0.00 min
Lab File: BM020601.D
Acq: 29 May 2019 16:09

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	11.2	9.7	14.5
277	25.4	20.4	30.6





#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.47 min Scan# 3482
Delta R.T. 0.01 min
Lab File: BM020601.D
Acq: 29 May 2019 16:09

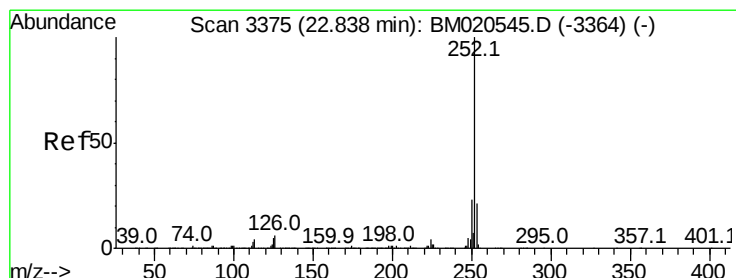
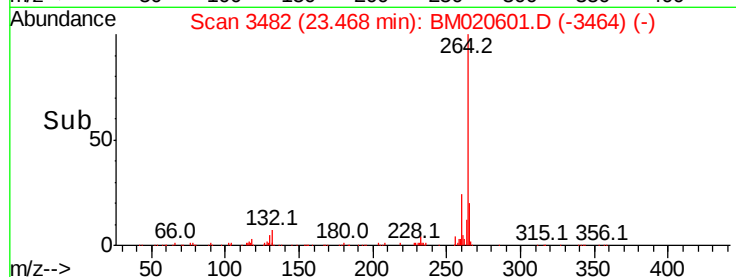
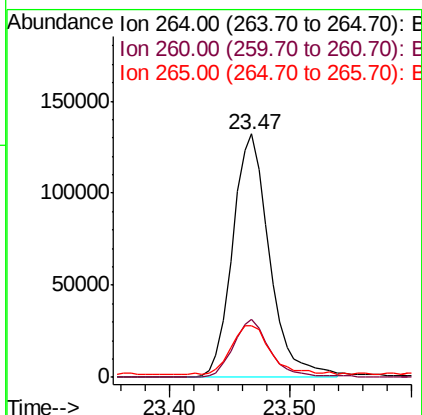
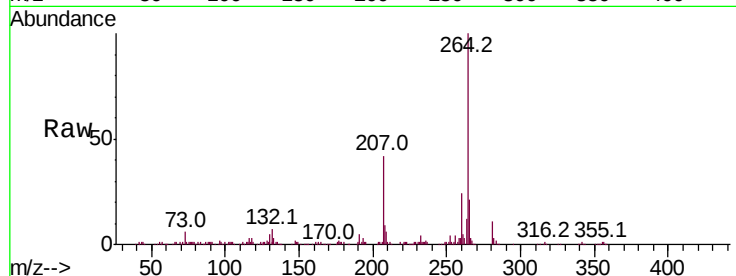
Instrument :
BNA_M
ClientSampleId :
PB119867BS

Tot Ion:	264	Resp:	282286
Ion Ratio	Lower	Upper	
264	100		
260	23.7	17.7	26.5
265	21.3	17.4	26.2

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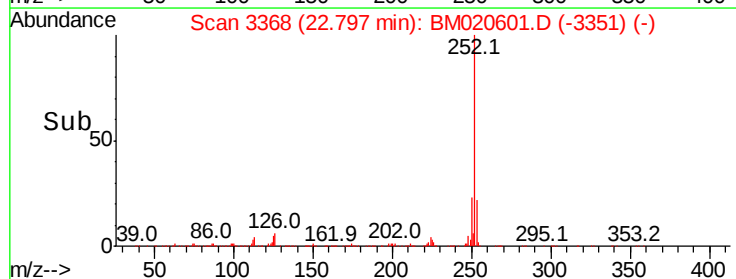
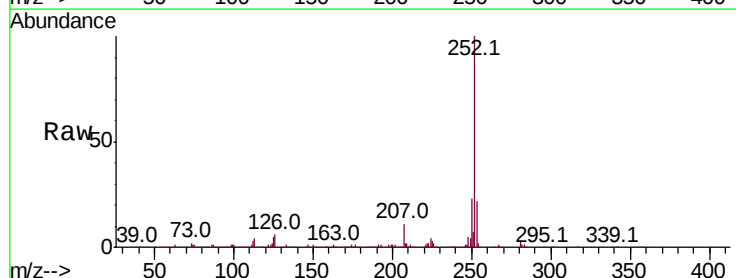
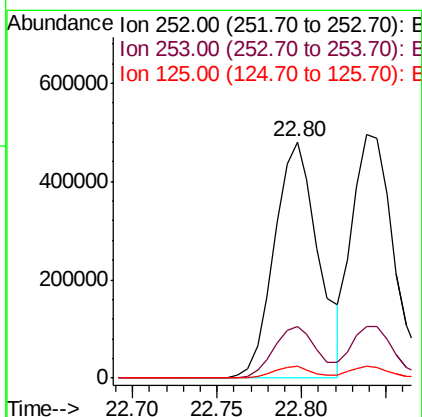
mohammad

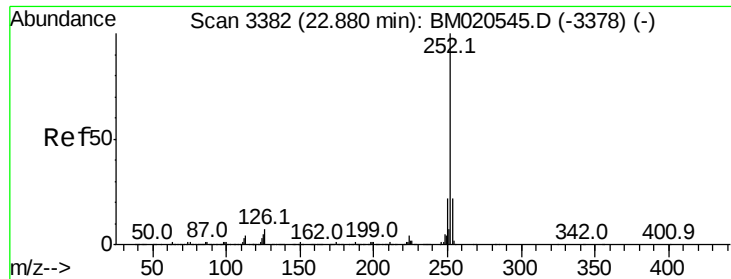
5/30/2019 8:16:15 AM



#88
Benzo(b)fluoranthene
Concen: 47.191 ng
RT: 22.80 min Scan# 3368
Delta R.T. -0.00 min
Lab File: BM020601.D
Acq: 29 May 2019 16:09

Tgt Ion:	252	Resp:	871910
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.1	25.7
125	4.9	3.8	5.8





#89
Benzo(k)fluoranthene
Concen: 47.216 ng
RT: 22.84 min Scan# 3375
Delta R.T. -0.00 min
Lab File: BM020601.D
Acq: 29 May 2019 16:09

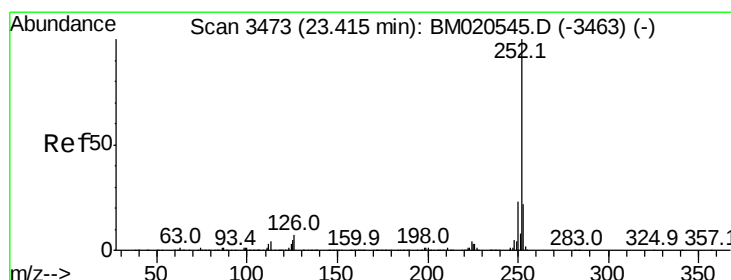
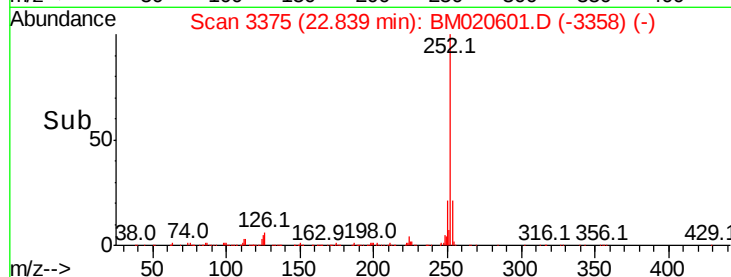
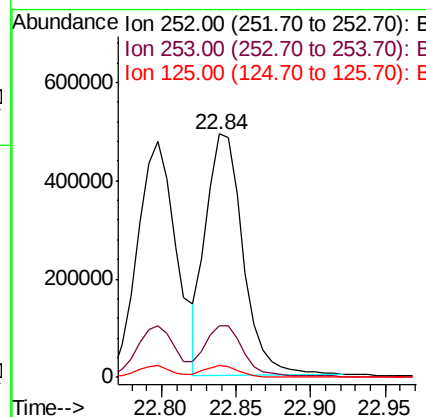
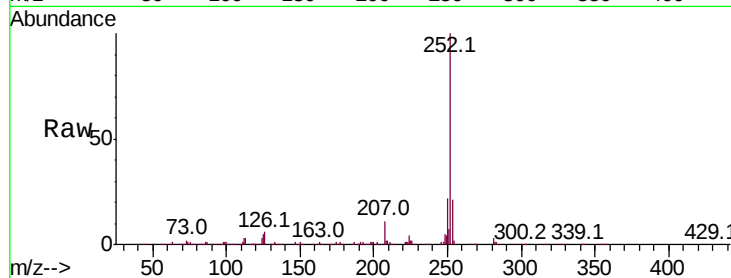
Instrument :
BNA_M
ClientSampleId :
PB119867BS

Tot Ion:	252	Resp:	846672
Ion Ratio	Lower	Upper	
252	100		
253	21.3	17.6	26.4
125	4.7	4.2	6.4

Manual Integrations
APPROVED

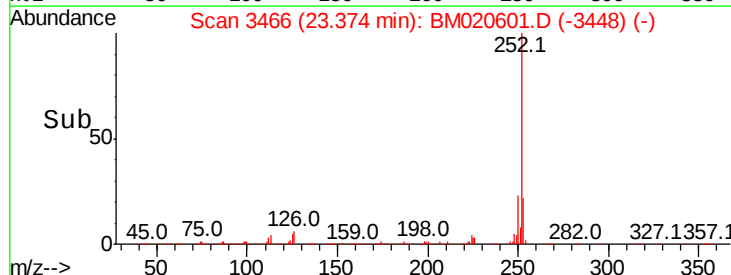
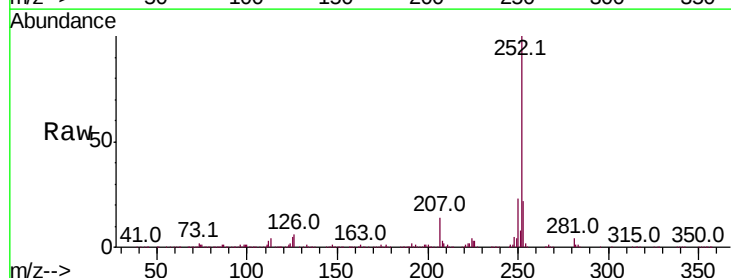
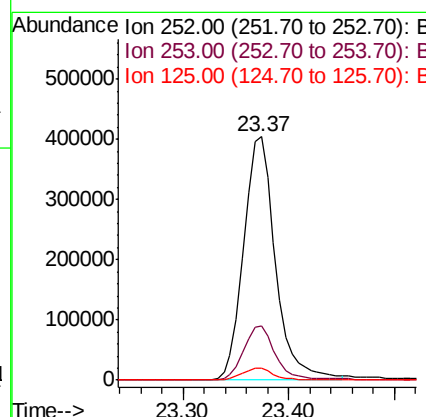
mohammad

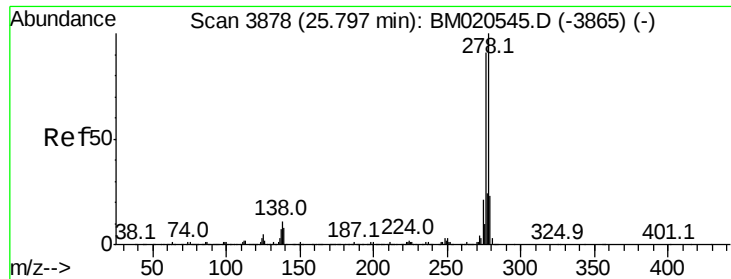
5/30/2019 8:16:15 AM



#90
Benzo(a)pyrene
Concen: 49.514 ng
RT: 23.37 min Scan# 3466
Delta R.T. 0.01 min
Lab File: BM020601.D
Acq: 29 May 2019 16:09

Tgt Ion:	252	Resp:	841837
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.4	26.2
125	5.1	4.2	6.4





#91
Dibenzo(a,h)anthracene
Concen: 53.693 ng
RT: 25.73 min Scan# 3866
Delta R.T. -0.00 min
Lab File: BM020601.D
Acq: 29 May 2019 16:09

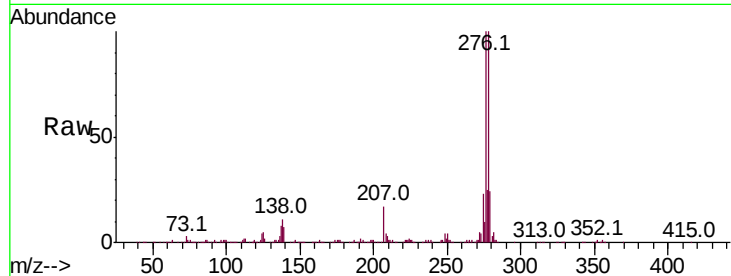
Instrument :
BNA_M
ClientSampleId :
PB119867BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	7.5	6.3	9.5
279	23.9	18.3	27.5

Manual Integrations
APPROVED

mohammad

5/30/2019 8:16:15 AM

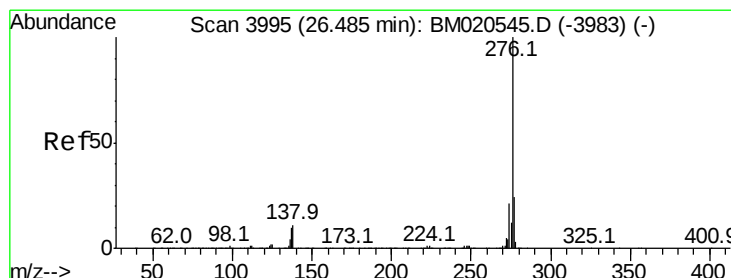
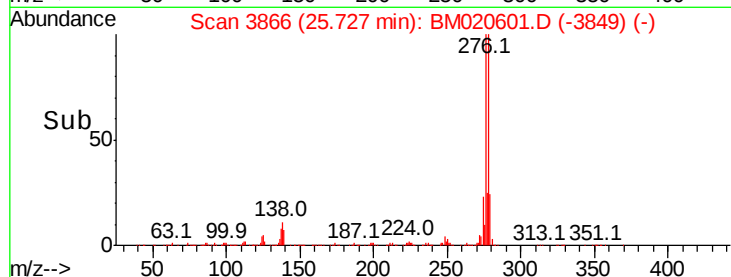
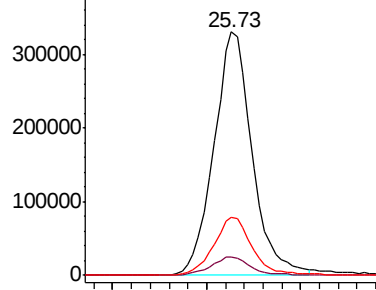


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 57.141 ng
RT: 26.41 min Scan# 3982
Delta R.T. 0.01 min
Lab File: BM020601.D
Acq: 29 May 2019 16:09

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.1	28.7
138	9.8	8.6	12.8

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

