

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031219\
 Data File : BM019110.D
 Acq On : 12 Mar 2019 14:03
 Operator : JU/SJ
 Sample : PB117788BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB117788BS

Manual Integrations
 APPROVED

Sohil
 3/13/2019 10:44:56 AM

Quant Time: Mar 13 04:50:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 11 17:30:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	202494	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	891958	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	545000	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1204363	20.00	ng	0.00
76) Chrysene-d12	21.27	240	1287770	20.00	ng	0.00
87) Perylene-d12	23.51	264	1189546	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1831639	146.49	ng	0.00
7) Phenol-d6	6.85	99	2624497	143.50	ng	0.00
23) Nitrobenzene-d5	8.83	82	1437680	76.19	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	1105369	137.37	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	3106588	74.15	ng	0.00
79) Terphenyl-d14	19.71	244	5015542	77.32	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.22	88	201154	36.164 ng	98
3) Pyridine	3.62	79	533701	35.268 ng	99
4) n-Nitrosodimethylamine	3.54	42	175842	37.377 ng	93
6) Aniline	7.01	93	755232	31.984 ng	99
8) 2-Chlorophenol	7.23	128	635533	42.297 ng	98
9) Benzaldehyde	6.83	77	348247	30.272 ng	99
10) Phenol	6.87	94	879040	44.597 ng	100
11) bis(2-Chloroethyl)ether	7.10	93	573190	38.110 ng	99
12) 1,3-Dichlorobenzene	7.55	146	598689	37.651 ng	99
13) 1,4-Dichlorobenzene	7.70	146	608158	37.515 ng	100
14) 1,2-Dichlorobenzene	8.01	146	592624	37.574 ng	99
15) Benzyl Alcohol	7.92	79	621027	41.028 ng	100
16) 2,2'-oxybis(1-Chloropropan	8.19	45	581564	37.869 ng	98
17) 2-Methylphenol	8.11	107	564999	43.988 ng	100
18) Hexachloroethane	8.72	117	228317	37.902 ng	97
19) n-Nitroso-di-n-propylamine	8.47	70	560065	37.326 ng	100
20) 3+4-Methylphenols	8.44	107	776059	44.512 ng	100
22) Acetophenone	8.49	105	914801	37.112 ng	# 99
24) Nitrobenzene	8.87	77	782848	39.892 ng	99
25) Isophorone	9.39	82	1431045	39.745 ng	100
26) 2-Nitrophenol	9.58	139	331145	40.709 ng	98
27) 2,4-Dimethylphenol	9.63	122	611995	50.607 ng	99
28) bis(2-Chloroethoxy)methane	9.87	93	860317	40.353 ng	99
29) 2,4-Dichlorophenol	10.10	162	627258	46.833 ng	99
30) 1,2,4-Trichlorobenzene	10.31	180	592736	39.248 ng	99
31) Naphthalene	10.50	128	1859321	39.549 ng	100
32) Benzoic acid	9.80	122	433635m	42.340 ng	
33) 4-Chloroaniline	10.63	127	416322	21.603 ng	99
34) Hexachlorobutadiene	10.76	225	322539	37.216 ng	99
35) Caprolactam	11.45	113	204603m	42.884 ng	
36) 4-Chloro-3-methylphenol	11.75	107	721592	43.664 ng	99
37) 2-Methylnaphthalene	12.12	142	1400267	40.988 ng	99
38) 1-Methylnaphthalene	12.34	142	1343888	39.910 ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	659231	38.239 ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031219\
 Data File : BM019110.D
 Acq On : 12 Mar 2019 14:03
 Operator : JU/SJ
 Sample : PB117788BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB117788BS

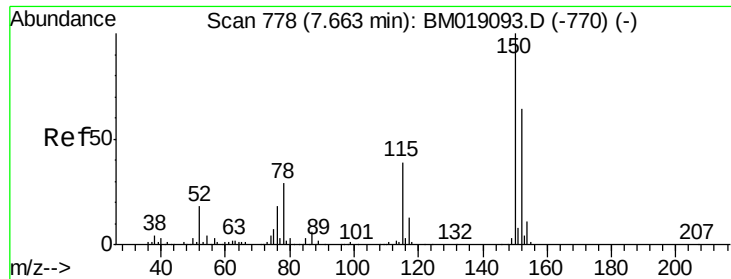
Manual Integrations
 APPROVED

Sohil
 3/13/2019 10:44:56 AM

Quant Time: Mar 13 04:50:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 11 17:30:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.45	237	782925	100.260	ng	98
43) 2,4,6-Trichlorophenol	12.74	196	496771	44.589	ng	97
44) 2,4,5-Trichlorophenol	12.81	196	522088	43.823	ng	98
46) 1,1'-Biphenyl	13.15	154	1828752	38.423	ng	99
47) 2-Chloronaphthalene	13.19	162	1414783	39.823	ng	100
48) 2-Nitroaniline	13.42	65	498581	41.846	ng	98
49) Acenaphthylene	14.04	152	2327181	38.741	ng	100
50) Dimethylphthalate	13.79	163	1871258	40.137	ng	99
51) 2,6-Dinitrotoluene	13.92	165	410090	40.690	ng	99
52) Acenaphthene	14.39	154	1347478	39.038	ng	99
53) 3-Nitroaniline	14.25	138	286810	26.869	ng	99
54) 2,4-Dinitrophenol	14.46	184	510679	87.251	ng	98
55) Dibenzofuran	14.72	168	2205537	39.621	ng	99
56) 4-Nitrophenol	14.57	139	717136	82.286	ng	98
57) 2,4-Dinitrotoluene	14.71	165	574825	39.292	ng	99
58) Fluorene	15.37	166	1803444	39.305	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.95	232	470501	42.422	ng	99
60) Diethylphthalate	15.15	149	1909377	40.437	ng	99
61) 4-Chlorophenyl-phenylether	15.37	204	896708	40.238	ng	99
62) 4-Nitroaniline	15.42	138	398180	37.015	ng	99
63) Azobenzene	15.66	77	2050689	41.272	ng	99
65) 4,6-Dinitro-2-methylphenol	15.47	198	312613	39.611	ng	99
66) n-Nitrosodiphenylamine	15.59	169	1583466	41.298	ng	99
67) 4-Bromophenyl-phenylether	16.26	248	527454	39.715	ng	99
68) Hexachlorobenzene	16.37	284	628566	39.808	ng	99
69) Atrazine	16.55	200	539751	41.818	ng	99
70) Pentachlorophenol	16.72	266	788621	82.898	ng	99
71) Phenanthrene	17.12	178	2767451	39.203	ng	100
72) Anthracene	17.20	178	2819500	40.799	ng	99
73) Carbazole	17.49	167	2601244	39.881	ng	99
74) Di-n-butylphthalate	18.04	149	3265673	41.404	ng	100
75) Fluoranthene	19.14	202	3159233	39.002	ng	100
77) Benzidine	19.34	184	1593972	43.644	ng	99
78) Pyrene	19.50	202	3246336	39.843	ng	99
80) Butylbenzylphthalate	20.41	149	1572159	44.300	ng	99
81) Benzo(a)anthracene	21.26	228	3114402	38.549	ng	100
82) 3,3'-Dichlorobenzidine	21.20	252	932640	29.966	ng	99
83) Chrysene	21.31	228	3060099	39.152	ng	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	2302286	44.592	ng	100
85) Di-n-octyl phthalate	22.06	149	3925500	45.152	ng	100
86) Indeno(1,2,3-cd)pyrene	25.78	276	3325731	39.528	ng	100
88) Benzo(b)fluoranthene	22.84	252	3220249	41.778	ng	100
89) Benzo(k)fluoranthene	22.88	252	3224173	45.477	ng	99
90) Benzo(a)pyrene	23.41	252	3069565	44.314	ng	100
91) Dibenzo(a,h)anthracene	25.79	278	2858879	43.145	ng	100
92) Benzo(g,h,i)perylene	26.48	276	2606088	42.838	ng	100

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



#1

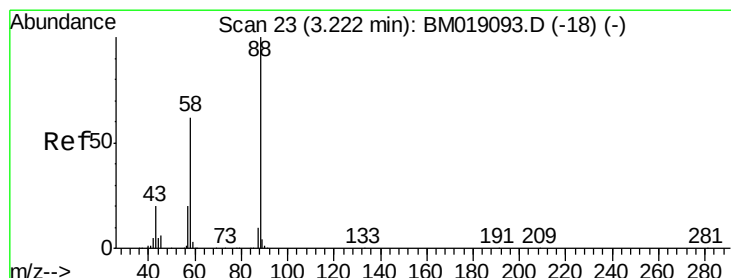
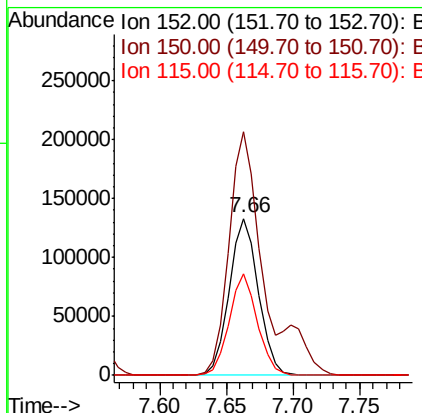
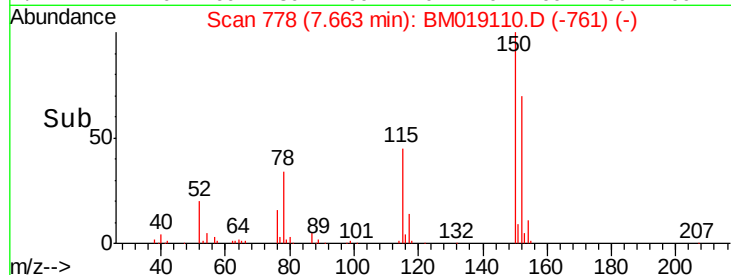
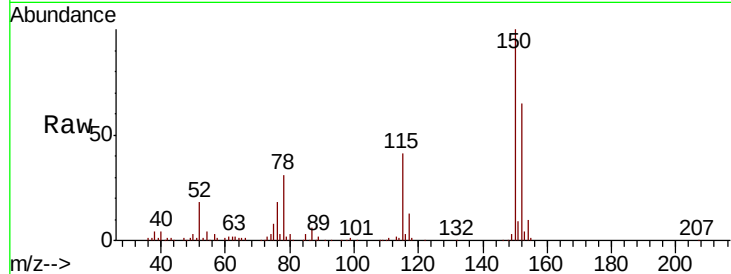
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 778
Delta R.T. -0.00 min
Lab File: BM019110.D
Acq: 12 Mar 2019 14:03

Instrument :
BNA_M
ClientSampled :
PB117788BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	125.3	187.9
115	64.3	49.4	74.0

Manual Integrations
APPROVED

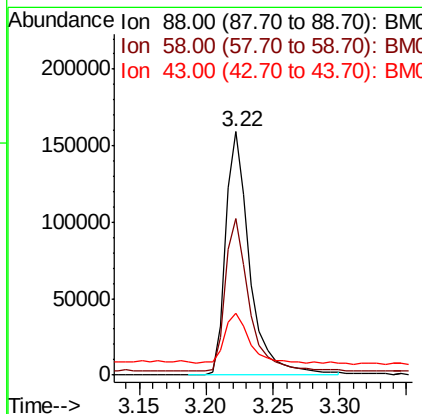
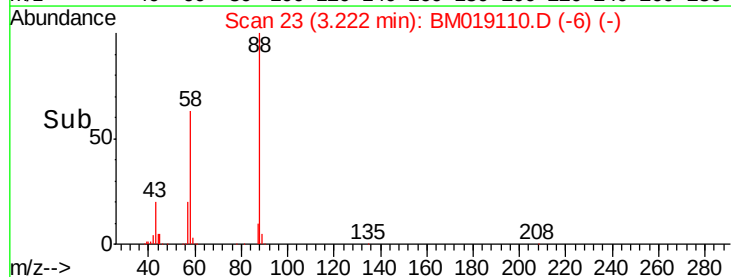
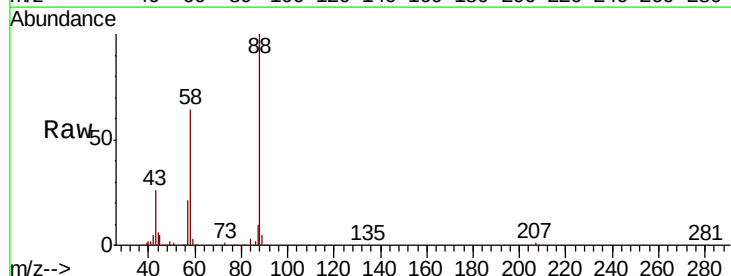
Sohil
3/13/2019 10:44:56 AM

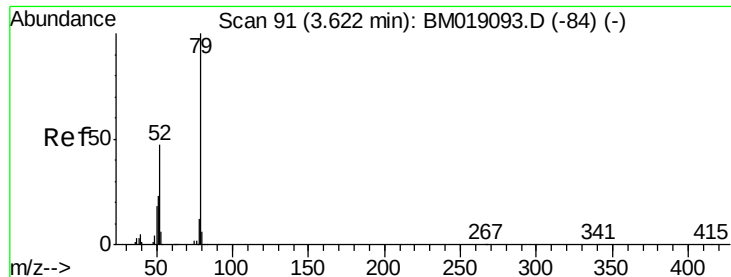


#2

1,4-Dioxane
Concen: 36.164 ng
RT: 3.22 min Scan# 23
Delta R.T. -0.00 min
Lab File: BM019110.D
Acq: 12 Mar 2019 14:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.5	50.0	75.0
43	22.4	17.0	25.4





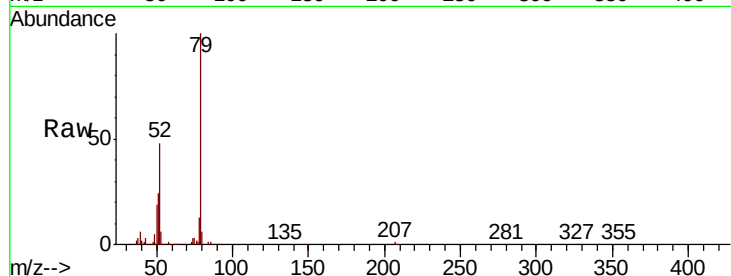
#3
 Pvridine
 Concen: 35.268 ng
 RT: 3.62 min Scan# 90
 Delta R.T. -0.01 min
 Lab File: BM019110.D
 Acq: 12 Mar 2019 14:03

Instrument :
 BNA_M
 ClientSampleId :
 PB117788BS

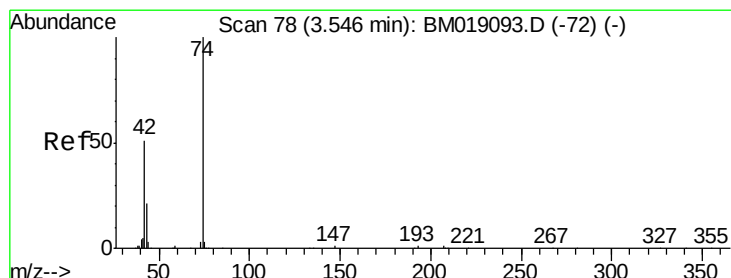
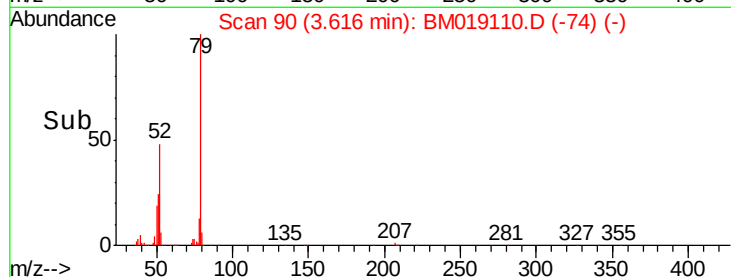
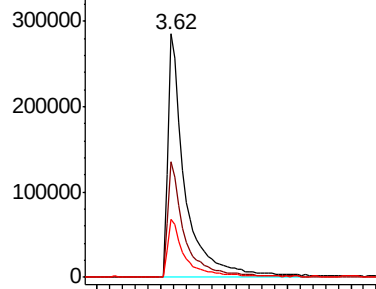
Tot Ion	Ratio	Lower	Upper
79	100		
52	47.5	37.5	56.3
51	24.0	19.2	28.8

Manual Integrations
 APPROVED

Sohil
 3/13/2019 10:44:56 AM

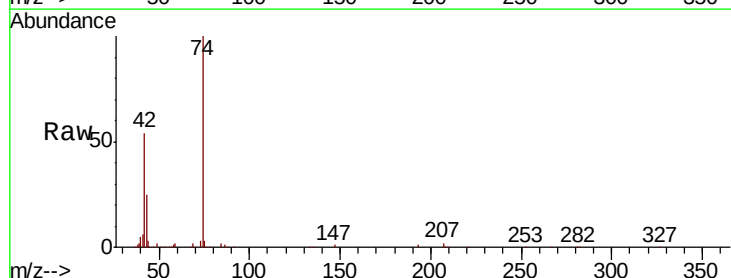


Abundance Ion 79.00 (78.70 to 79.70): BM019093.D (-84) (-)

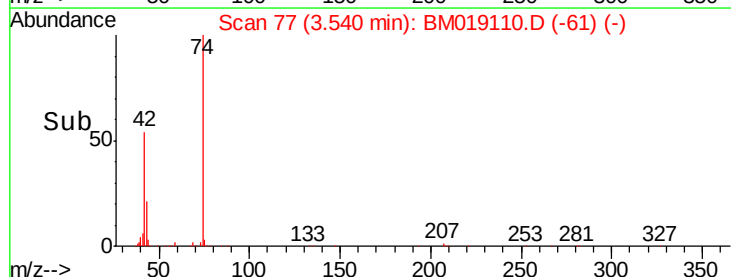
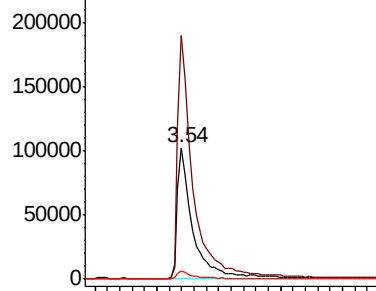


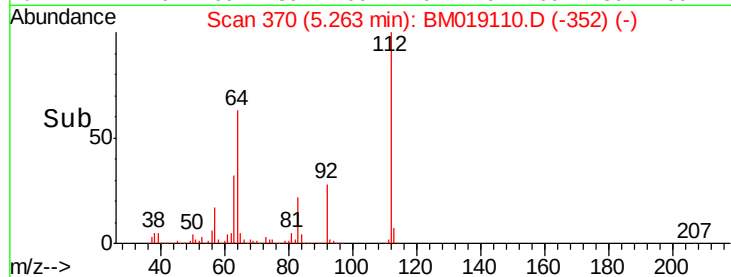
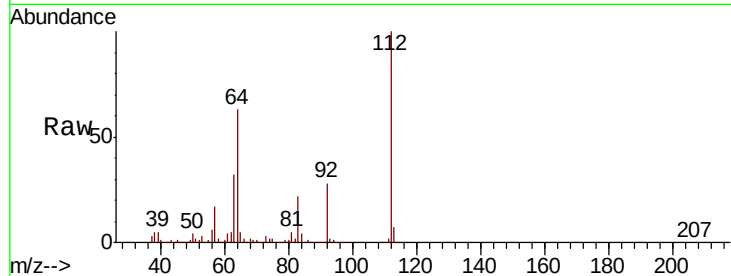
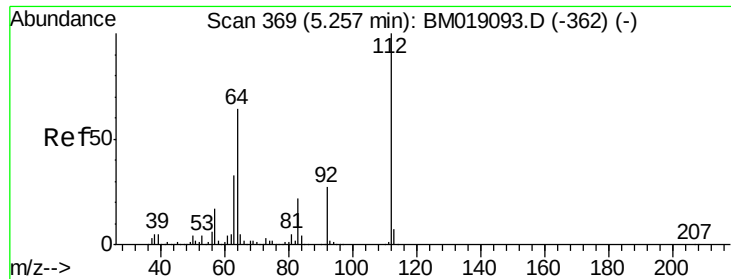
#4
 n-Nitrosodimethylamine
 Concen: 37.377 ng
 RT: 3.54 min Scan# 77
 Delta R.T. -0.01 min
 Lab File: BM019110.D
 Acq: 12 Mar 2019 14:03

Tgt Ion	Ratio	Lower	Upper
42	100		
74	185.0	156.3	234.5
44	5.9	4.6	7.0



Abundance Ion 42.00 (41.70 to 42.70): BM019093.D (-72) (-)





#5

2-Fluorophenol

Concen: 146.488 ng

RT: 5.26 min Scan# 370

Delta R.T. 0.01 min

Lab File: BM019110.D

Acq: 12 Mar 2019 14:03

Tot Ion:	112	Resp:	1831639
Ion Ratio	Lower	Upper	
112	100		
64	62.8	51.4	77.0
63	32.1	26.6	40.0

Instrument :

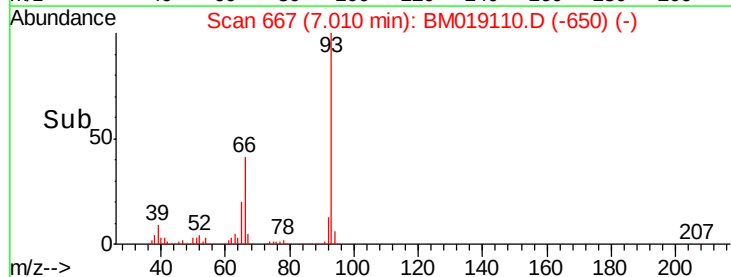
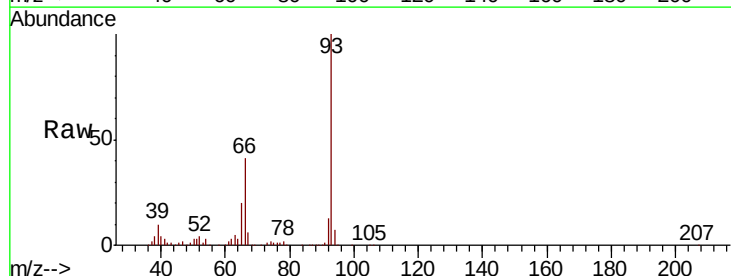
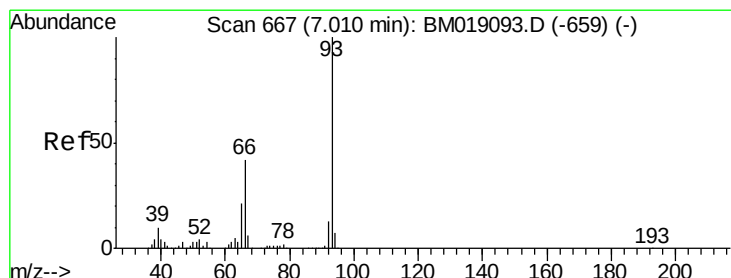
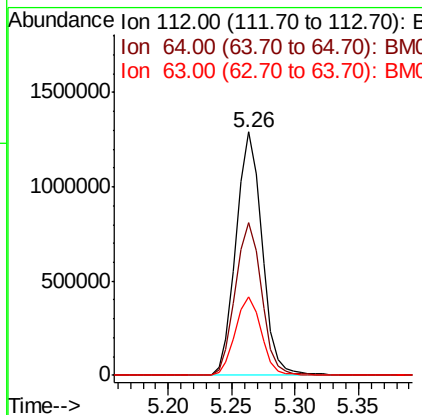
BNA_M

ClientSampleId :

PB117788BS

Manual Integrations
APPROVED

Sohil
3/13/2019 10:44:56 AM



#6

Aniline

Concen: 31.984 ng

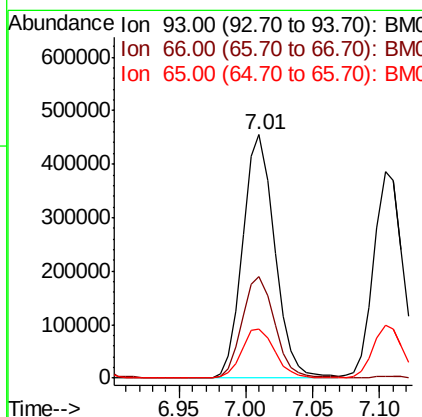
RT: 7.01 min Scan# 667

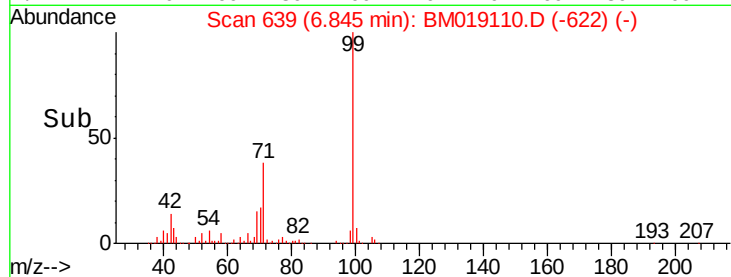
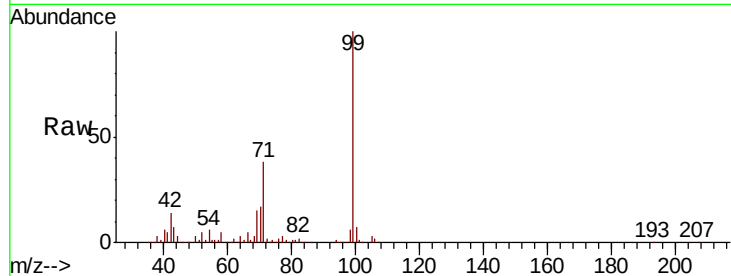
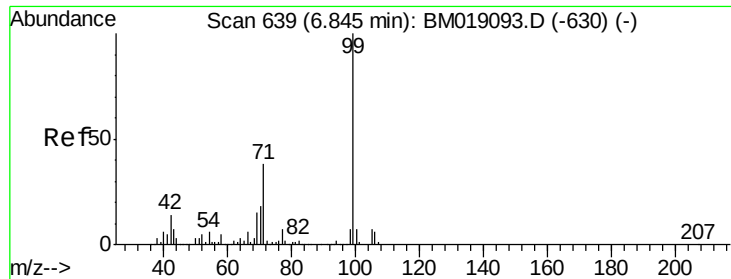
Delta R.T. -0.00 min

Lab File: BM019110.D

Acq: 12 Mar 2019 14:03

Tgt Ion:	93	Resp:	755232
Ion Ratio	Lower	Upper	
93	100		
66	41.5	33.4	50.2
65	20.2	16.8	25.2





#7

Phenol-d6

Concen: 143.500 ng

RT: 6.85 min Scan# 639

Delta R.T. -0.00 min

Lab File: BM019110.D

Acq: 12 Mar 2019 14:03

Tot Ion:	99	Resp:	2624497
Ion	Ratio	Lower	Upper
99	100		
42	14.1	10.9	16.3
71	38.2	30.3	45.5

Instrument :

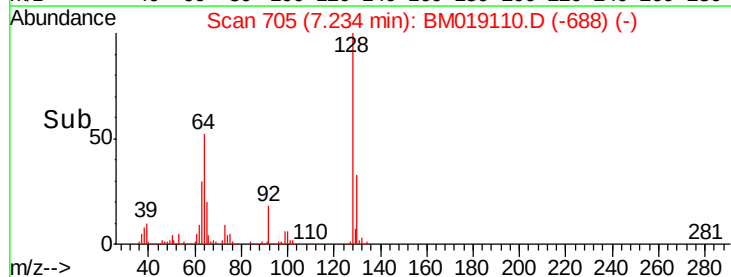
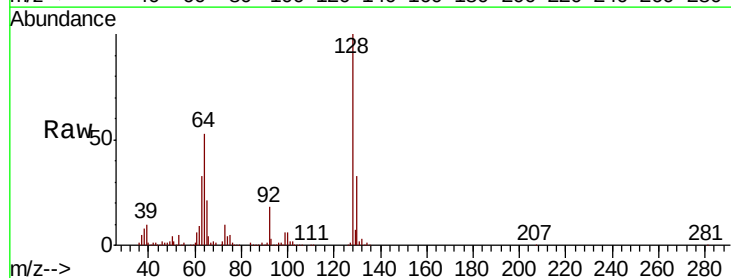
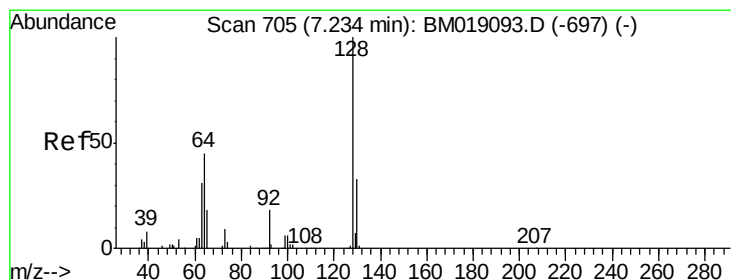
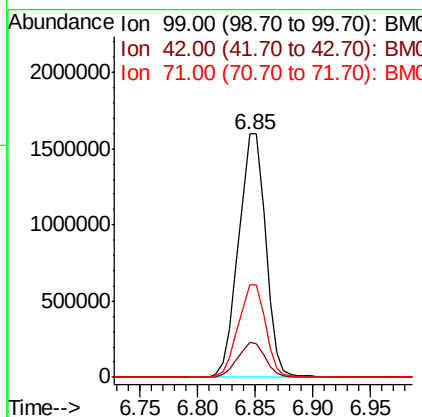
BNA_M

ClientSampleId :

PB117788BS

Manual Integrations
APPROVED

Sohil
3/13/2019 10:44:56 AM



#8

2-Chlorophenol

Concen: 42.297 ng

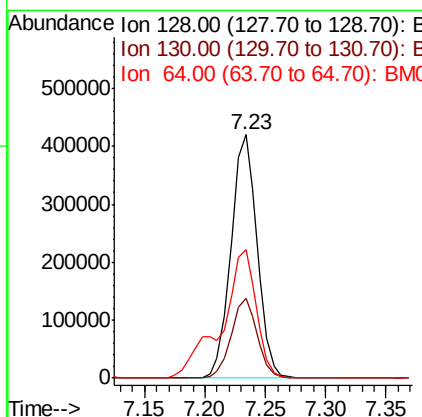
RT: 7.23 min Scan# 705

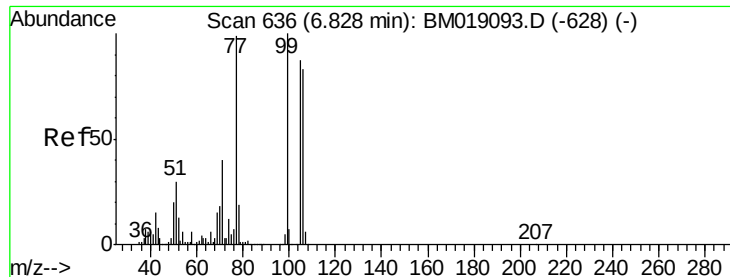
Delta R.T. -0.00 min

Lab File: BM019110.D

Acq: 12 Mar 2019 14:03

Tgt Ion:	128	Resp:	635533
Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.8	52.8
64	52.5	30.8	70.8





#9

Benzaldehyde

Concen: 30.272 ng

RT: 6.83 min Scan# 636

Delta R.T. -0.00 min

Lab File: BM019110.D

Acq: 12 Mar 2019 14:03

Instrument :

BNA_M

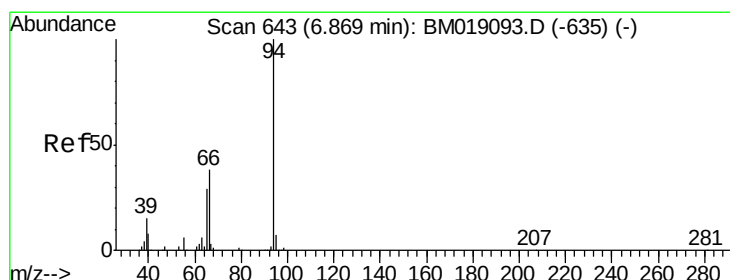
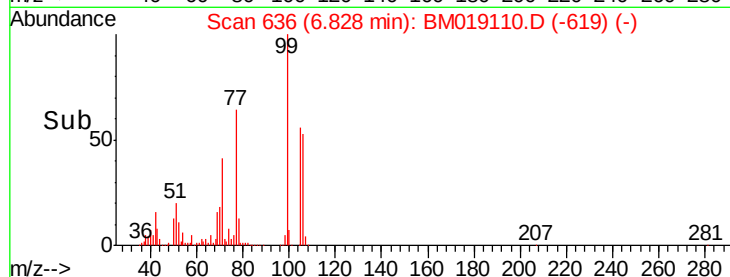
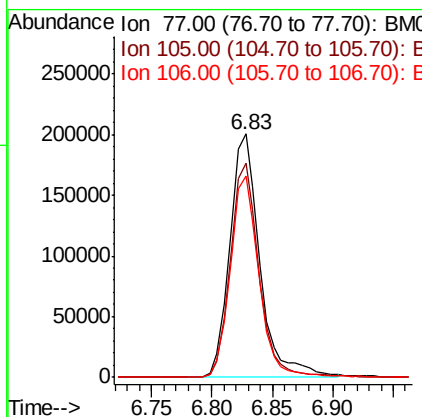
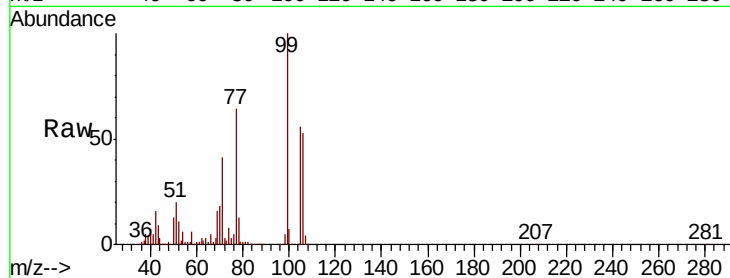
ClientSampled :

PB117788BS

Tot Ion:	77	Resp:	348247
Ion Ratio	Lower	Upper	
77	100		
105	88.0	67.7	107.7
106	82.6	64.1	104.1

Manual Integrations
APPROVED

Sohil
3/13/2019 10:44:56 AM



#10

Phenol

Concen: 44.597 ng

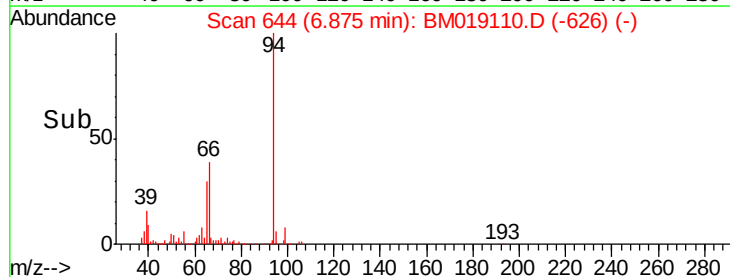
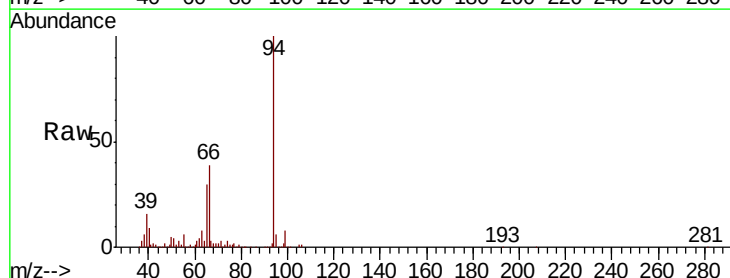
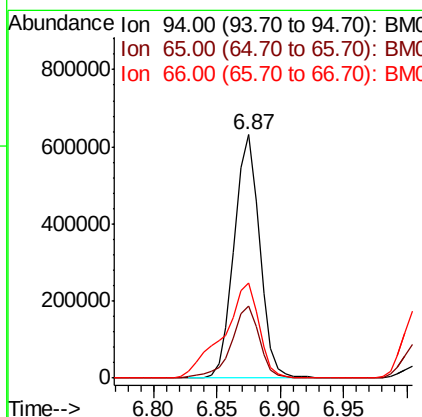
RT: 6.87 min Scan# 644

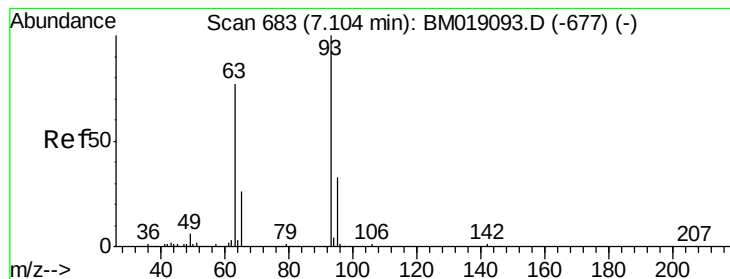
Delta R.T. 0.01 min

Lab File: BM019110.D

Acq: 12 Mar 2019 14:03

Tgt Ion:	94	Resp:	879040
Ion Ratio	Lower	Upper	
94	100		
65	29.6	9.7	49.7
66	39.1	19.2	59.2





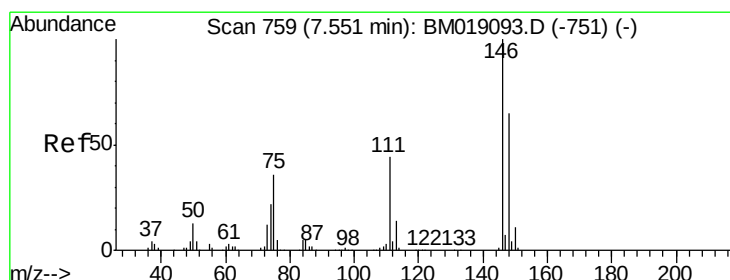
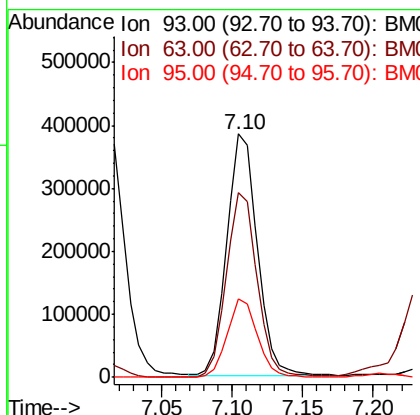
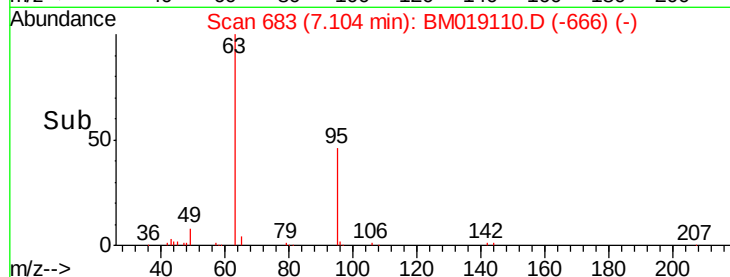
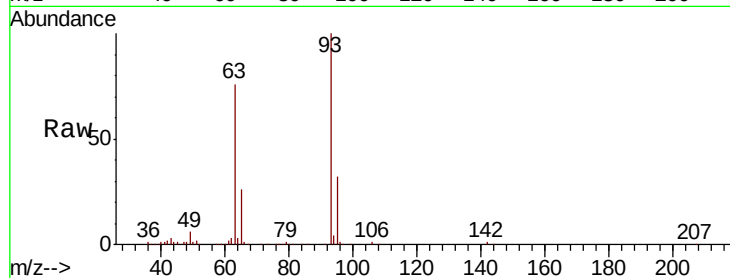
#11
bis(2-Chloroethyl)ether
Concen: 38.110 ng
RT: 7.10 min Scan# 683
Delta R.T. -0.00 min
Lab File: BM019110.D
Acq: 12 Mar 2019 14:03

Instrument :
BNA_M
ClientSampled :
PB117788BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.8	56.6	96.6
95	32.4	13.0	53.0

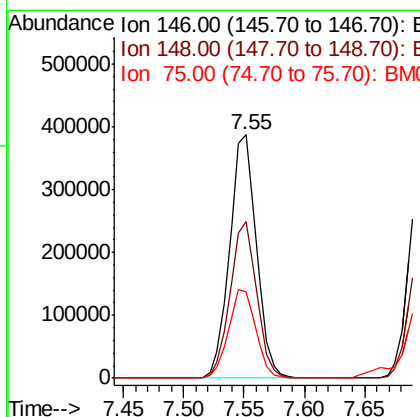
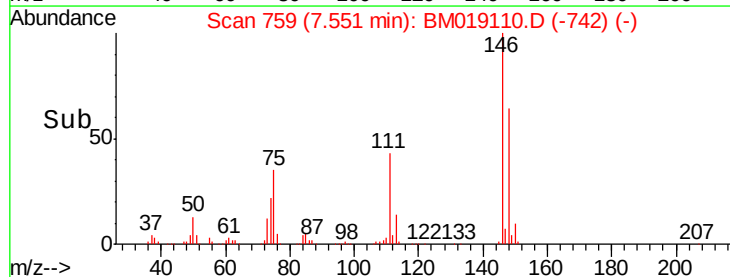
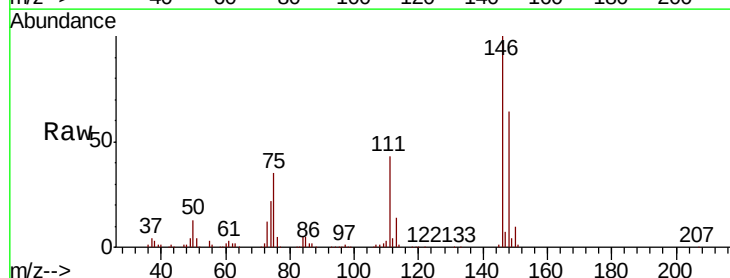
Manual Integrations
APPROVED

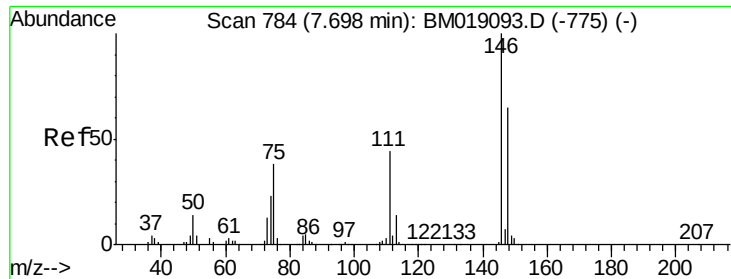
Sohil
3/13/2019 10:44:56 AM



#12
1,3-Dichlorobenzene
Concen: 37.651 ng
RT: 7.55 min Scan# 759
Delta R.T. -0.00 min
Lab File: BM019110.D
Acq: 12 Mar 2019 14:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.7	77.5
75	35.3	29.1	43.7





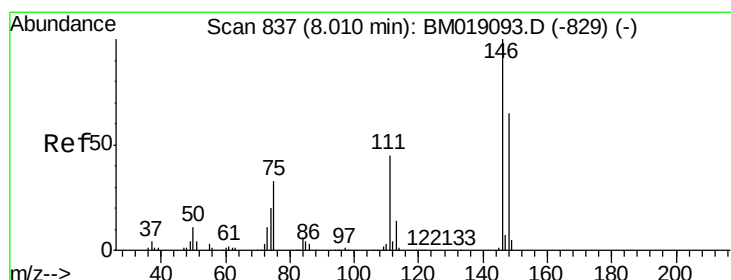
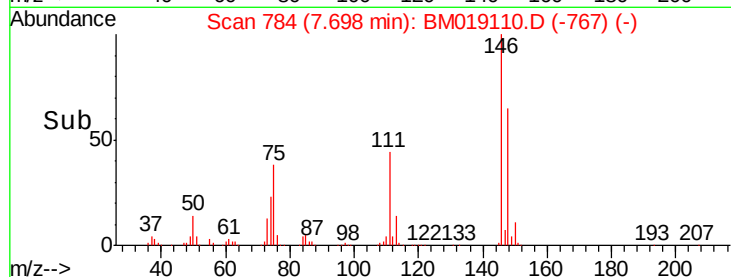
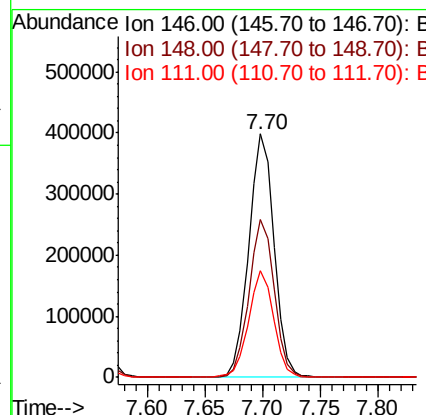
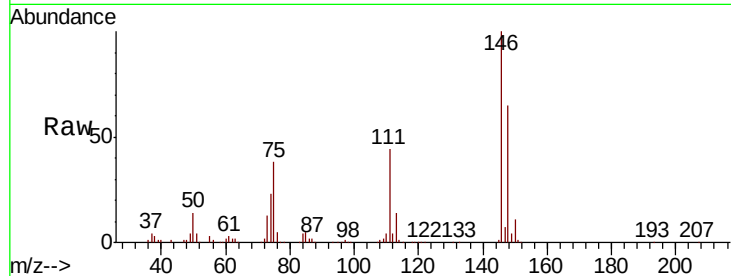
#13
1,4-Dichlorobenzene
Concen: 37.515 ng
RT: 7.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BM019110.D
Acq: 12 Mar 2019 14:03

Instrument :
BNA_M
ClientSampled :
PB117788BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.8	77.6
111	43.8	35.4	53.0

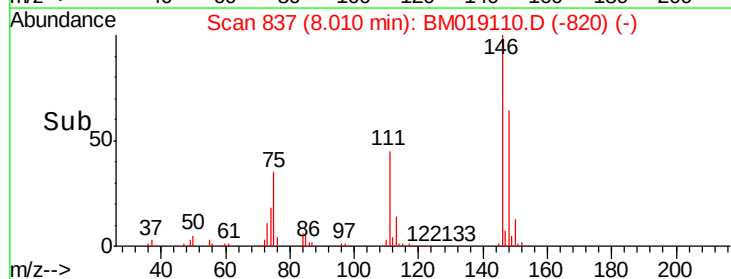
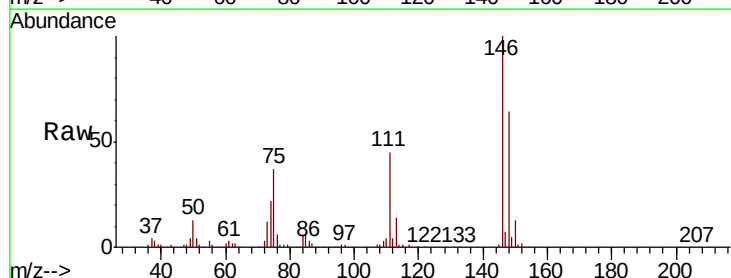
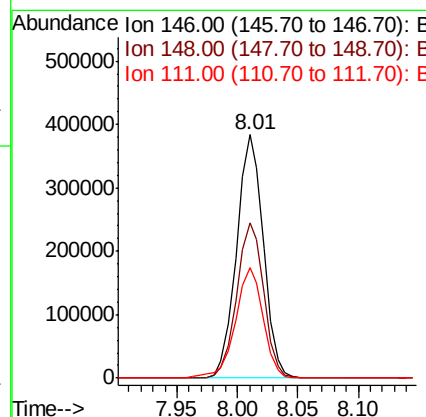
Manual Integrations
APPROVED

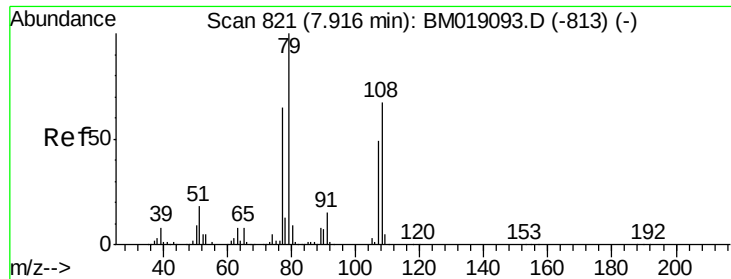
Sohil
3/13/2019 10:44:56 AM



#14
1,2-Dichlorobenzene
Concen: 37.574 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BM019110.D
Acq: 12 Mar 2019 14:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.8	77.6
111	45.3	36.2	54.4





#15

Benzyl Alcohol

Concen: 41.028 ng

RT: 7.92 min Scan# 821

Delta R.T. -0.00 min

Lab File: BM019110.D

Acq: 12 Mar 2019 14:03

Instrument :

BNA_M

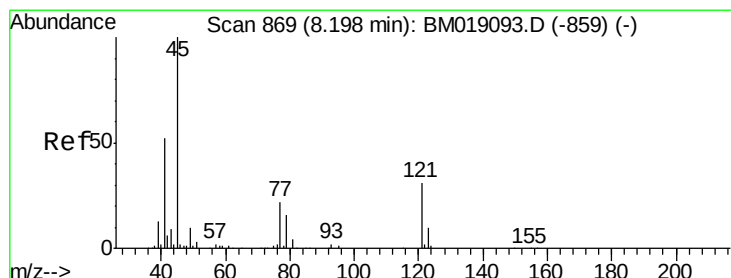
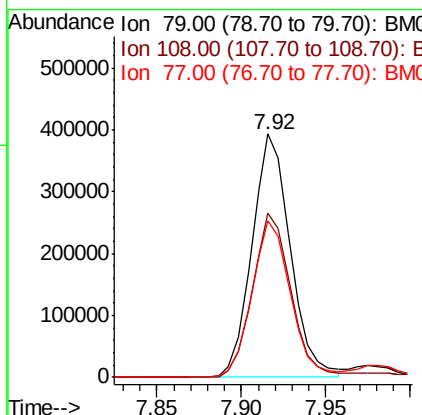
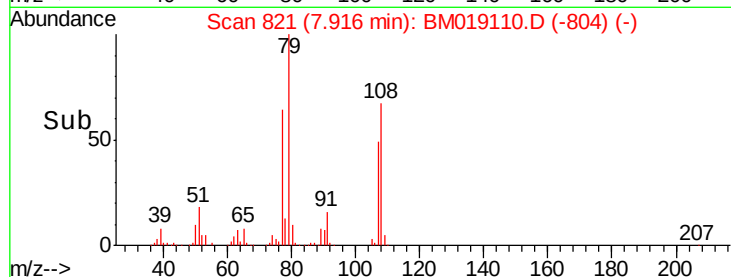
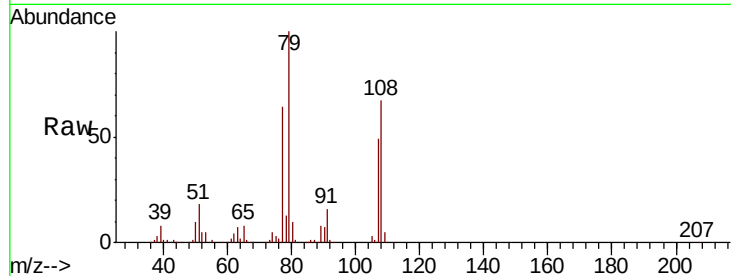
ClientSampled :

PB117788BS

Tot Ion:	79	Resp:	621027
Ion Ratio	Lower	Upper	
79	100		
108	67.3	53.7	80.5
77	64.5	51.8	77.8

Manual Integrations
APPROVED

Sohil
3/13/2019 10:44:56 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.869 ng

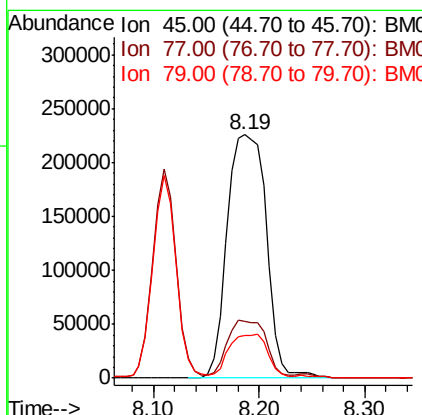
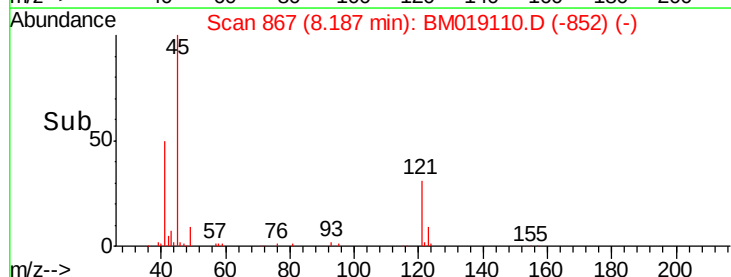
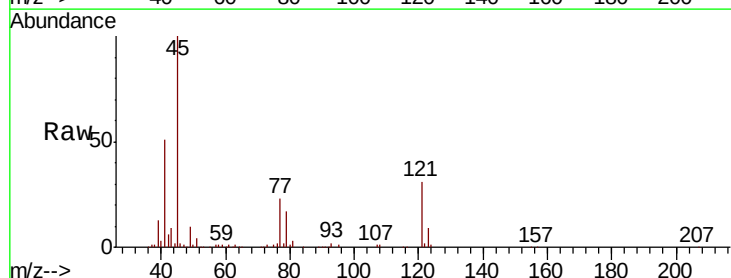
RT: 8.19 min Scan# 867

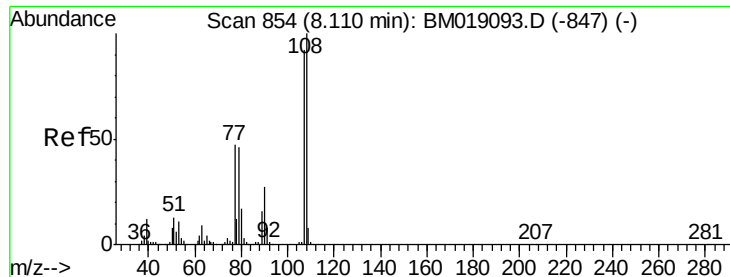
Delta R.T. -0.01 min

Lab File: BM019110.D

Acq: 12 Mar 2019 14:03

Tgt Ion:	45	Resp:	581564
Ion Ratio	Lower	Upper	
45	100		
77	23.1	4.1	44.1
79	17.5	0.0	38.1





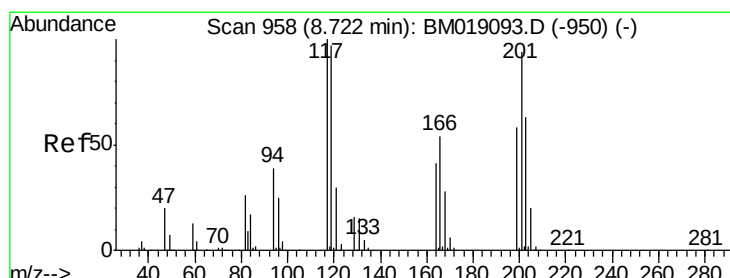
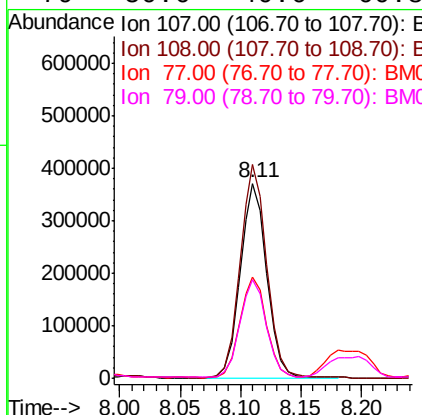
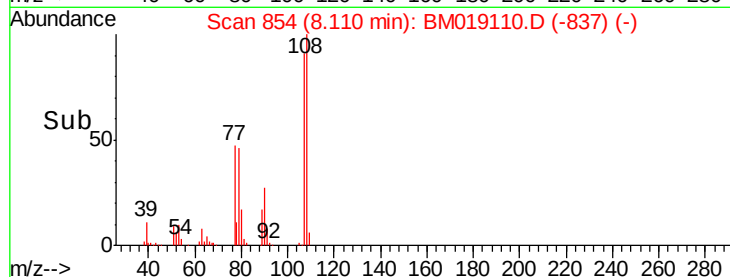
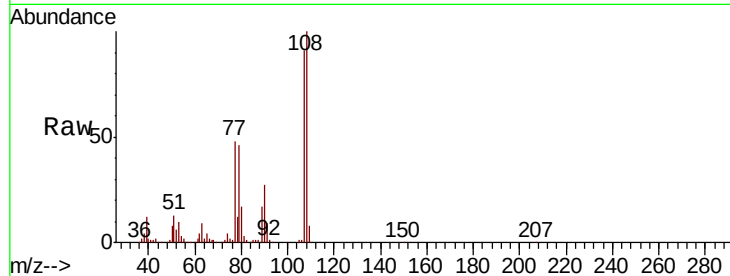
#17
2-Methylphenol
Concen: 43.988 ng
RT: 8.11 min Scan# 854
Delta R.T. -0.00 min
Lab File: BM019110.D
Acq: 12 Mar 2019 14:03

Instrument :
BNA_M
ClientSampleId :
PB117788BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.5	87.4	131.2	
77	52.1	41.6	62.4	
79	50.6	40.6	60.8	

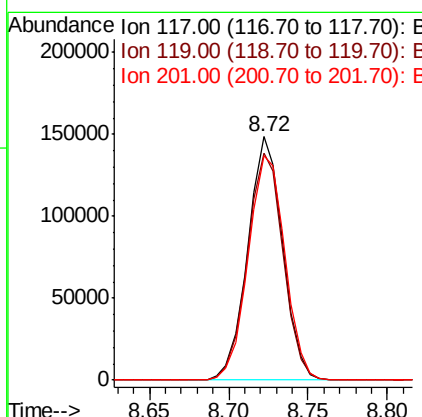
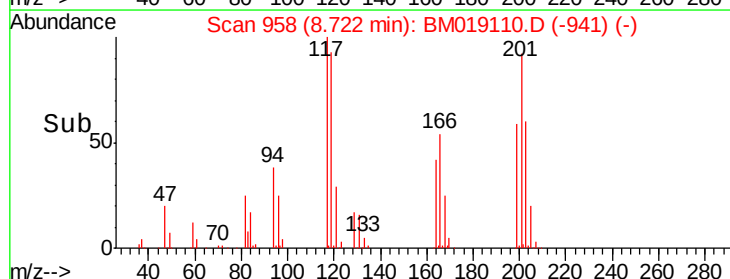
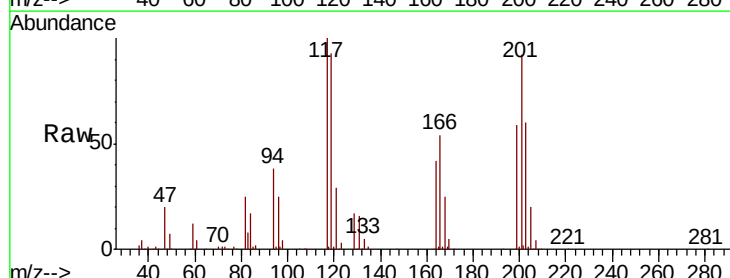
Manual Integrations
APPROVED

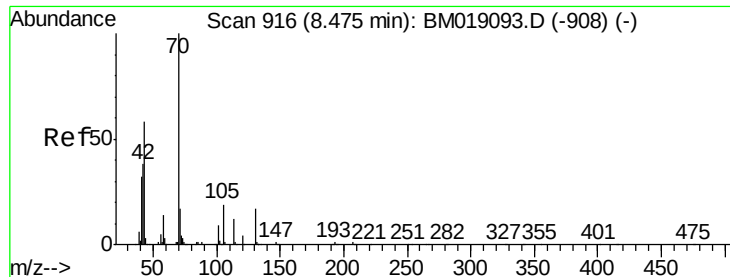
Sohil
3/13/2019 10:44:56 AM



#18
Hexachloroethane
Concen: 37.902 ng
RT: 8.72 min Scan# 958
Delta R.T. -0.00 min
Lab File: BM019110.D
Acq: 12 Mar 2019 14:03

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.0	77.4	116.2	
201	92.1	75.2	112.8	





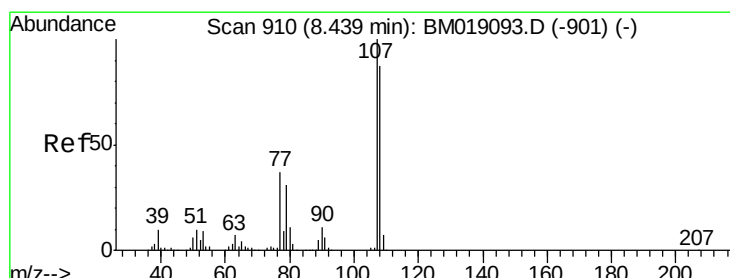
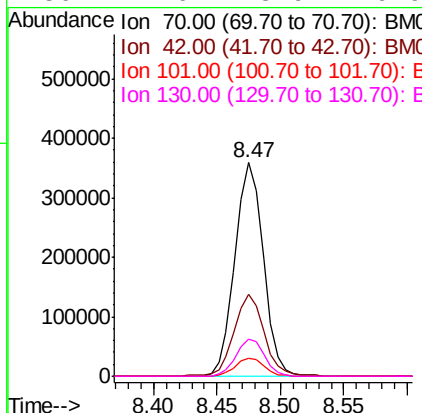
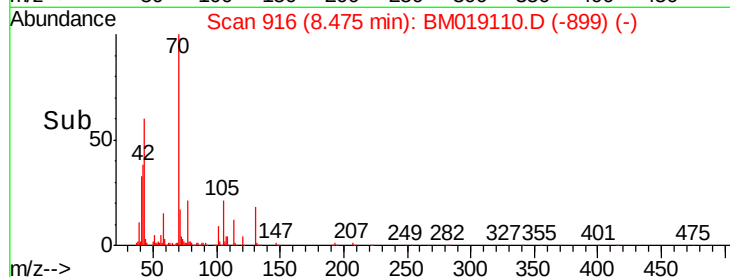
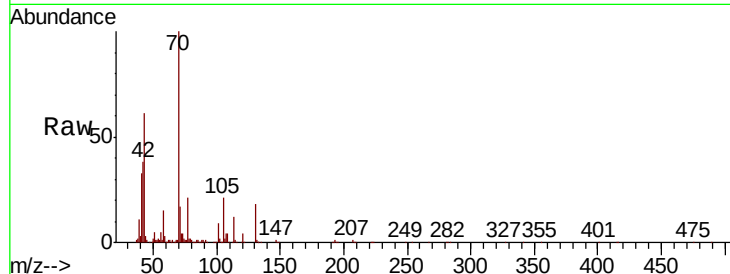
#19
n-Nitroso-di-n-propylamine
Concen: 37.326 ng
RT: 8.47 min Scan# 916
Delta R.T. -0.00 min
Lab File: BM019110.D
Acq: 12 Mar 2019 14:03

Instrument :
BNA_M
ClientSampled :
PB117788BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	38.4	30.6	45.8	
101	8.6	6.8	10.2	
130	17.6	13.9	20.9	

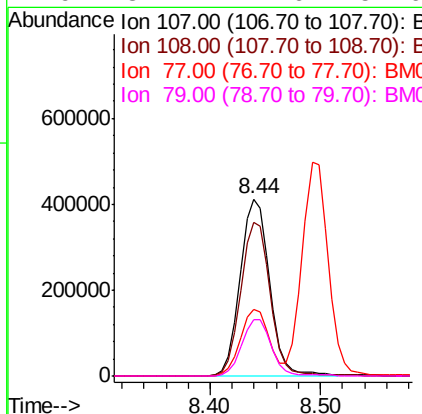
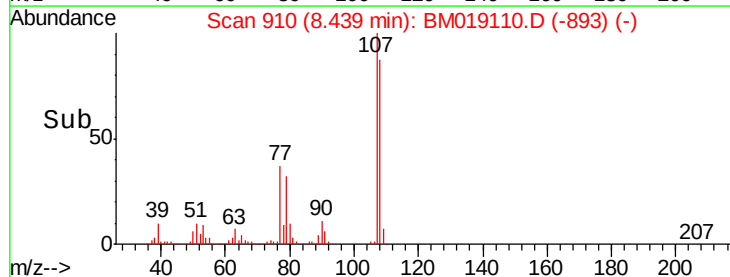
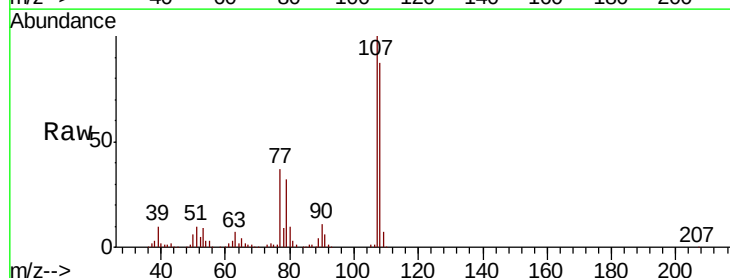
Manual Integrations
APPROVED

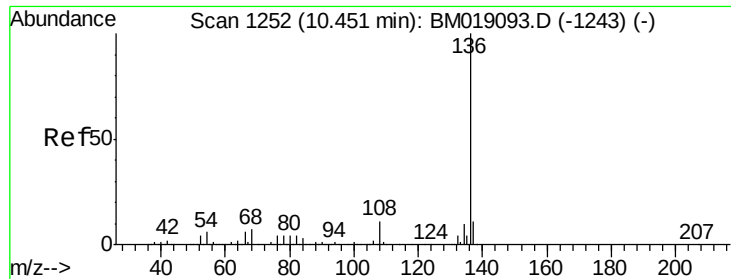
Sohil
3/13/2019 10:44:56 AM



#20
3+4-Methylphenols
Concen: 44.512 ng
RT: 8.44 min Scan# 910
Delta R.T. -0.00 min
Lab File: BM019110.D
Acq: 12 Mar 2019 14:03

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.8	67.0	107.0	
77	37.4	17.3	57.3	
79	32.1	11.6	51.6	





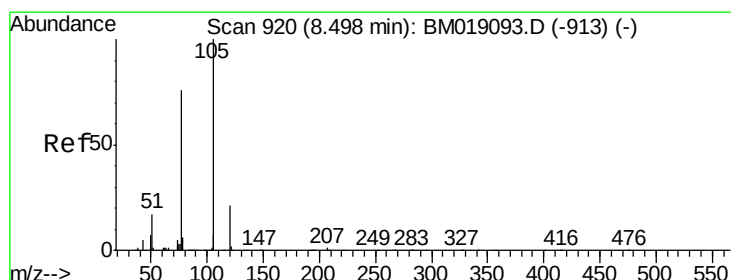
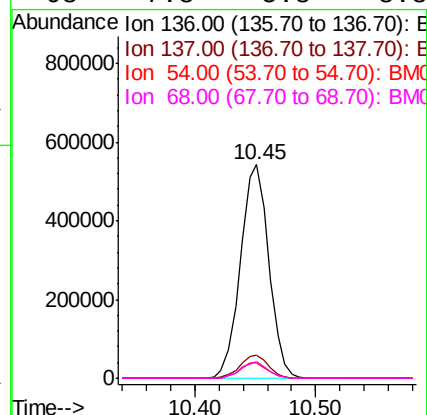
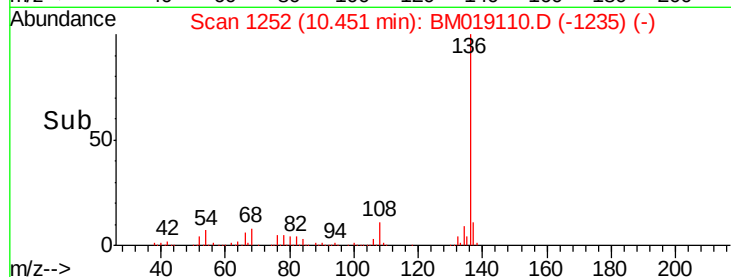
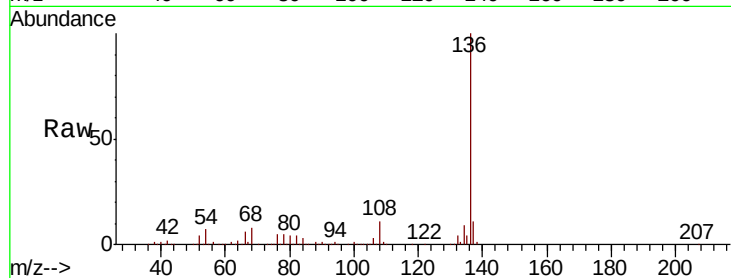
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.45 min Scan# 1252
Delta R.T. -0.00 min
Lab File: BM019110.D
Acq: 12 Mar 2019 14:03

Instrument :
BNA_M
ClientSampleId :
PB117788BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	891958		
137	10.9		8.6	13.0
54	7.0		5.2	7.8
68	7.8		5.8	8.8

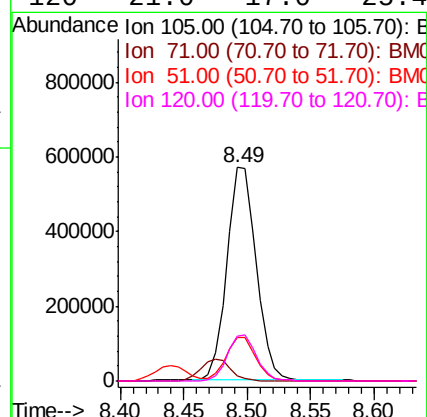
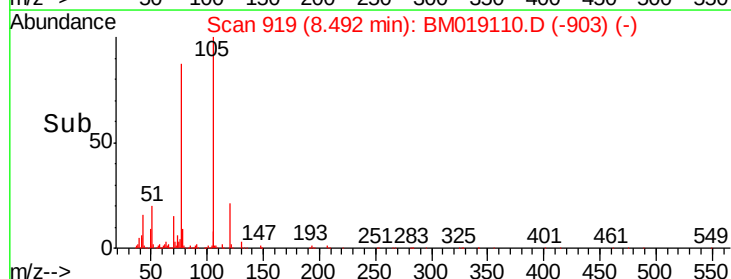
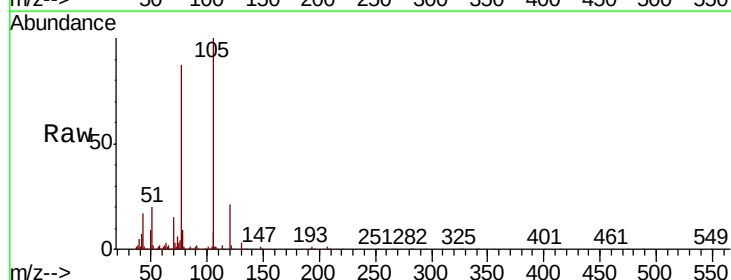
Manual Integrations
APPROVED

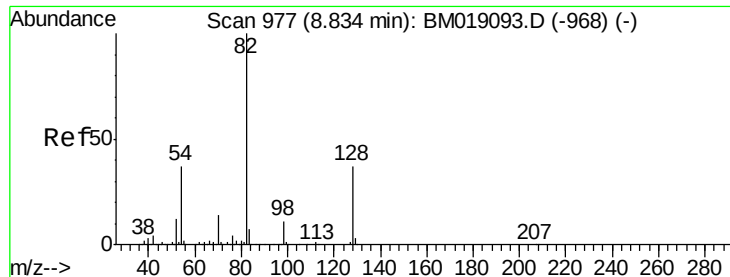
Sohil
3/13/2019 10:44:56 AM



#22
Acetophenone
Concen: 37.112 ng
RT: 8.49 min Scan# 919
Delta R.T. -0.01 min
Lab File: BM019110.D
Acq: 12 Mar 2019 14:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	914801		
71	2.5		0.8	1.2#
51	20.2		15.8	23.6
120	21.0		17.0	25.4





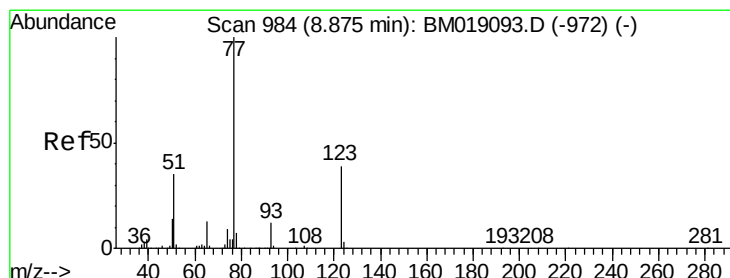
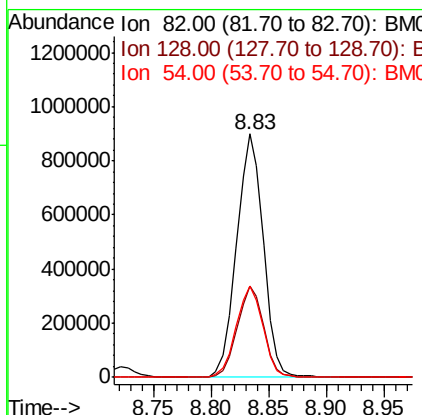
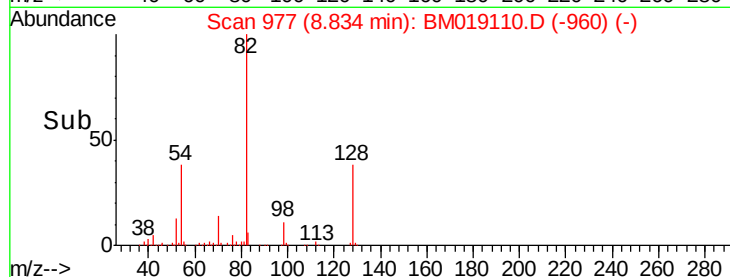
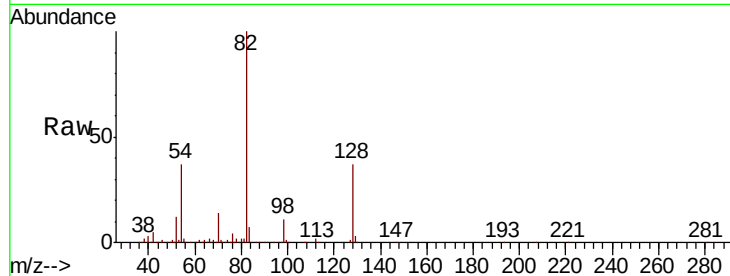
#23
Nitrobenzene-d5
Concen: 76.191 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BM019110.D
Acq: 12 Mar 2019 14:03

Instrument :
BNA_M
ClientSampleId :
PB117788BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.5	29.4	44.2
54	37.4	29.9	44.9

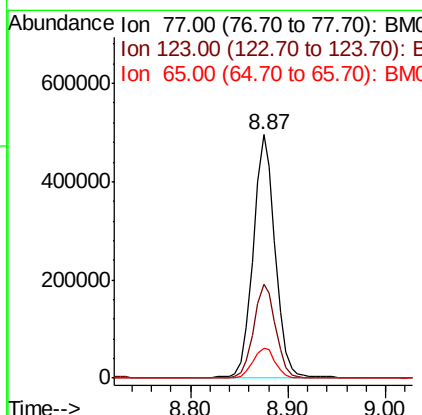
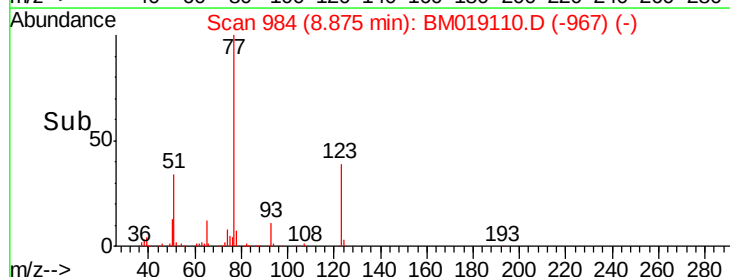
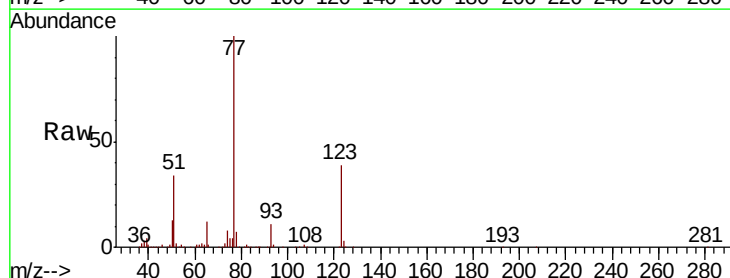
Manual Integrations
APPROVED

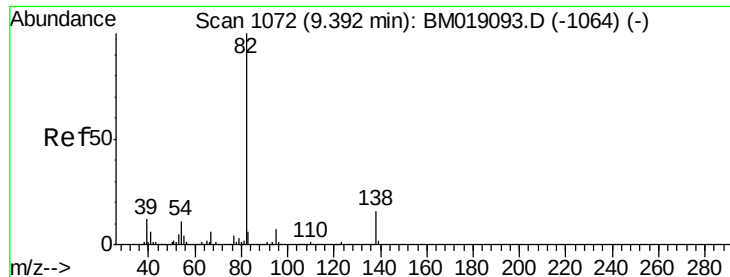
Sohil
3/13/2019 10:44:56 AM



#24
Nitrobenzene
Concen: 39.892 ng
RT: 8.87 min Scan# 984
Delta R.T. -0.00 min
Lab File: BM019110.D
Acq: 12 Mar 2019 14:03

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.8	31.3	46.9
65	12.5	10.5	15.7





#25

Isophorone

Concen: 39.745 ng

RT: 9.39 min Scan# 1072

Delta R.T. -0.00 min

Lab File: BM019110.D

Acq: 12 Mar 2019 14:03

Instrument :

BNA_M

ClientSampleId :

PB117788BS

Tot Ion: 82 Resp: 1431045

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

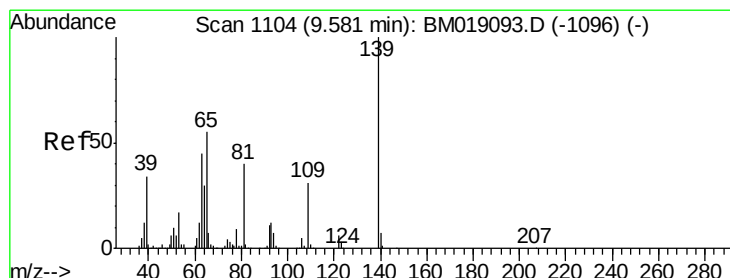
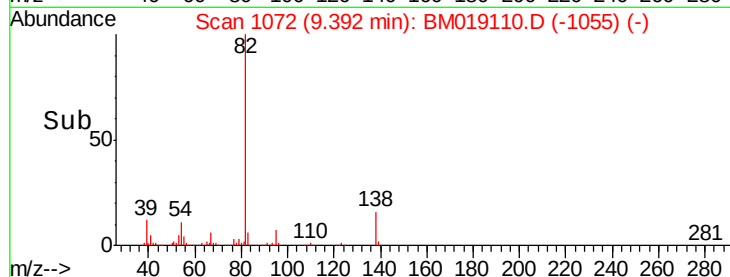
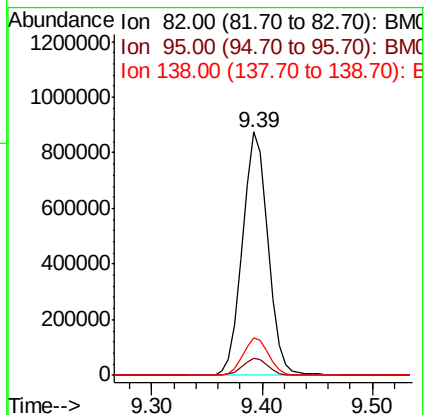
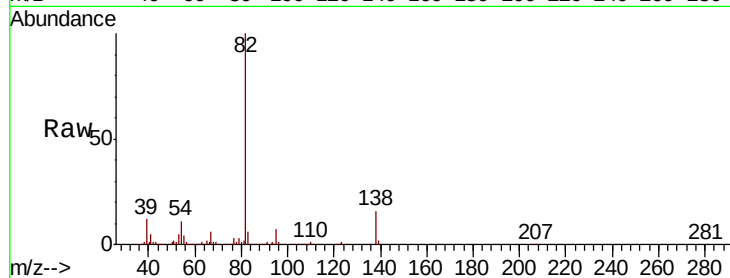
138 15.5 12.6 18.8

Manual Integrations

APPROVED

Sohil

3/13/2019 10:44:56 AM



#26

2-Nitrophenol

Concen: 40.709 ng

RT: 9.58 min Scan# 1104

Delta R.T. -0.00 min

Lab File: BM019110.D

Acq: 12 Mar 2019 14:03

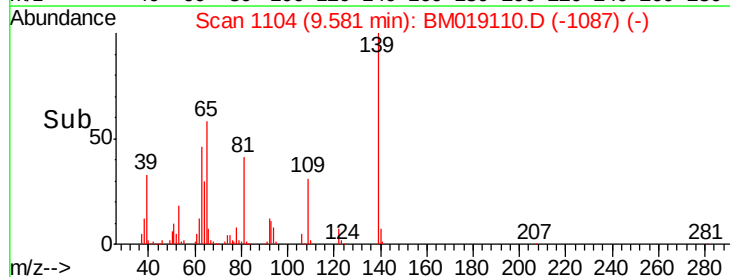
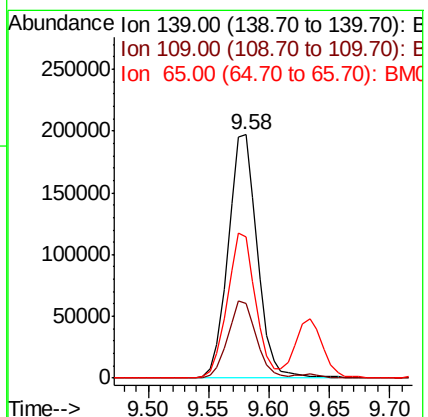
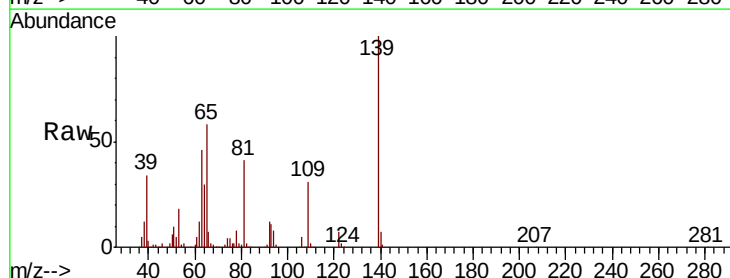
Tgt Ion: 139 Resp: 331145

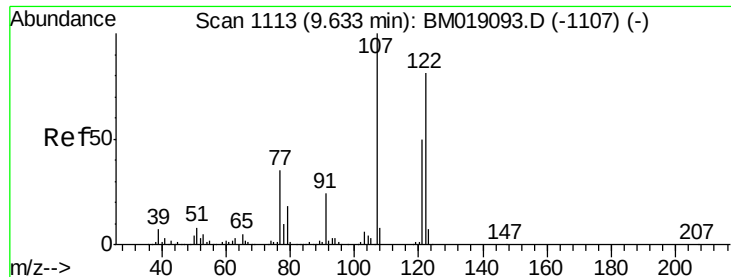
Ion Ratio Lower Upper

139 100

109 30.6 24.5 36.7

65 58.2 44.4 66.6





#27

2,4-Dimethylphenol

Concen: 50.607 ng

RT: 9.63 min Scan# 1113

Delta R.T. -0.00 min

Lab File: BM019110.D

Acq: 12 Mar 2019 14:03

Instrument :

BNA_M

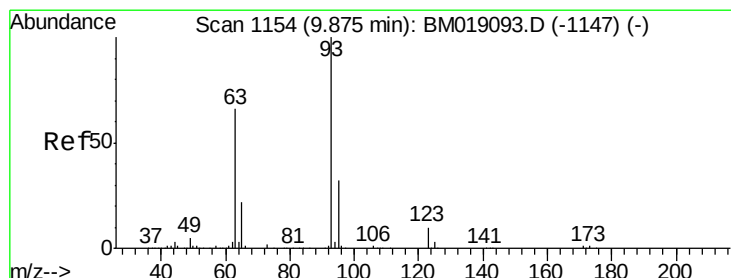
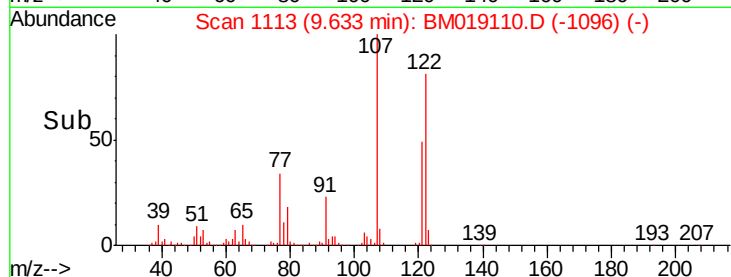
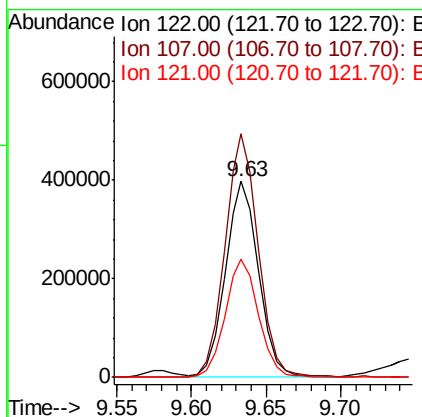
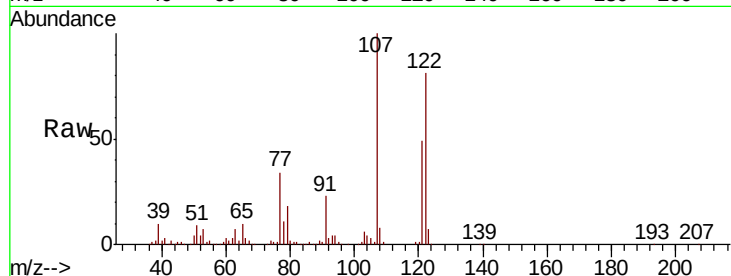
ClientSampleId :

PB117788BS

Tot Ion:	122	Resp:	611995
Ion Ratio	Lower	Upper	
122	100		
107	124.2	98.2	147.4
121	60.2	48.8	73.2

Manual Integrations
APPROVED

Sohil
3/13/2019 10:44:56 AM



#28

bis(2-Chloroethoxy)methane

Concen: 40.353 ng

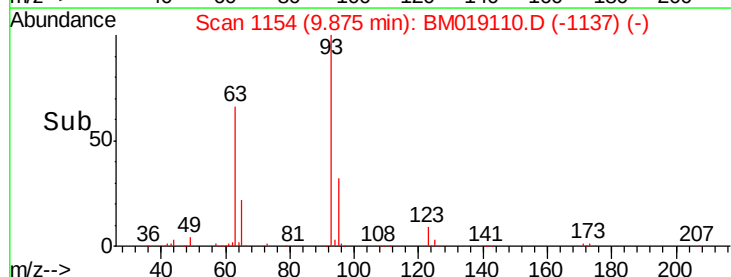
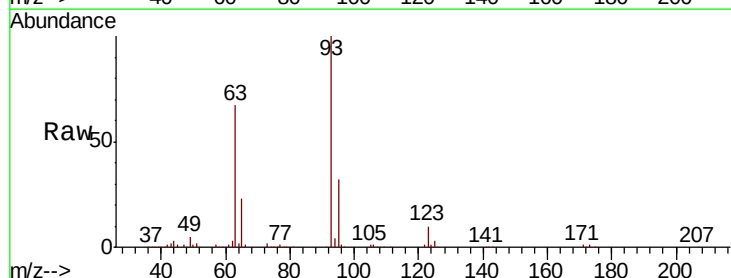
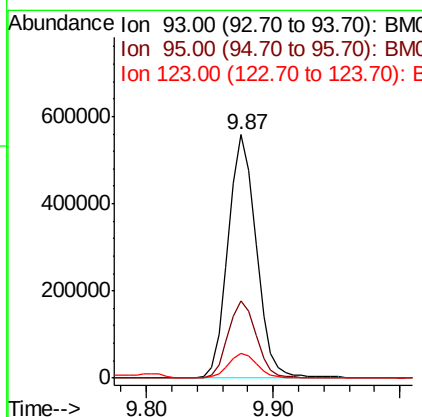
RT: 9.87 min Scan# 1154

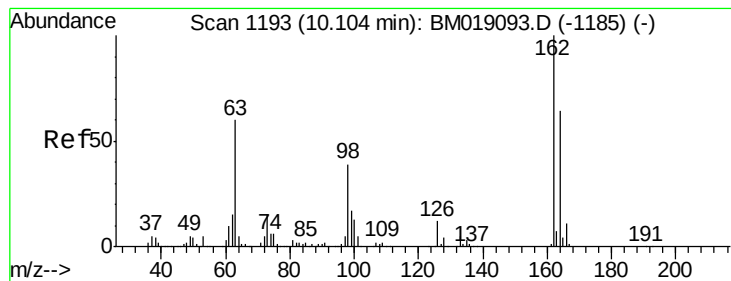
Delta R.T. -0.00 min

Lab File: BM019110.D

Acq: 12 Mar 2019 14:03

Tgt Ion:	93	Resp:	860317
Ion Ratio	Lower	Upper	
93	100		
95	31.8	25.8	38.8
123	10.4	7.9	11.9





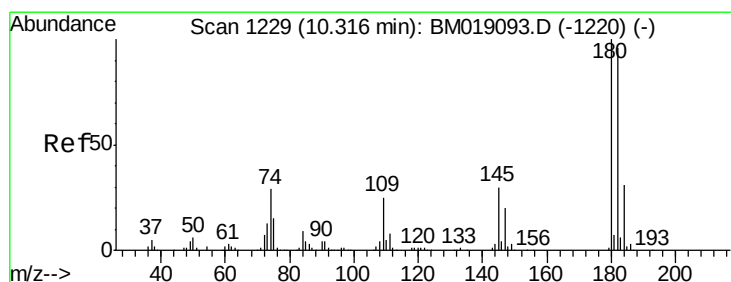
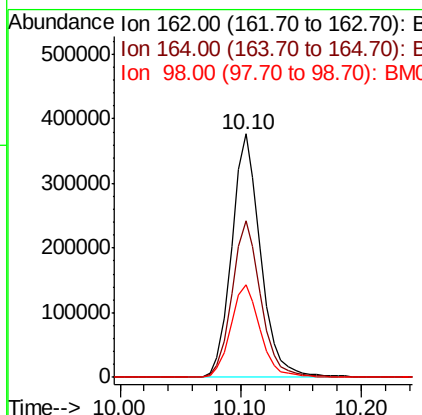
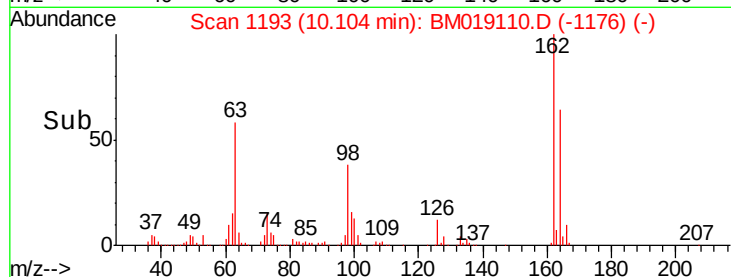
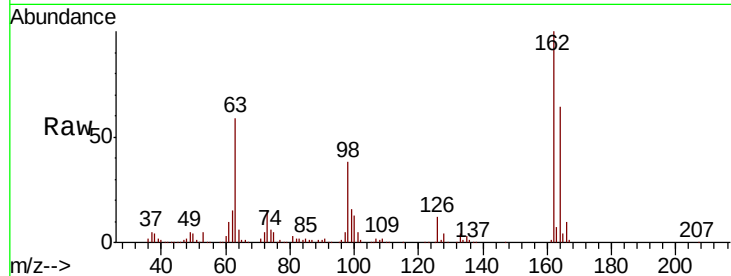
#29
 2,4-Dichlorophenol
 Concen: 46.833 ng
 RT: 10.10 min Scan# 1193
 Delta R.T. -0.00 min
 Lab File: BM019110.D
 Acq: 12 Mar 2019 14:03

Instrument :
 BNA_M
 ClientSampled :
 PB117788BS

Tot Ion:	162	Resp:	627258
Ion Ratio	Lower	Upper	
162	100		
164	64.4	43.5	83.5
98	38.0	19.1	59.1

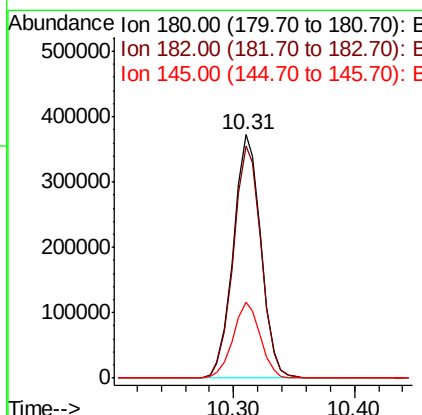
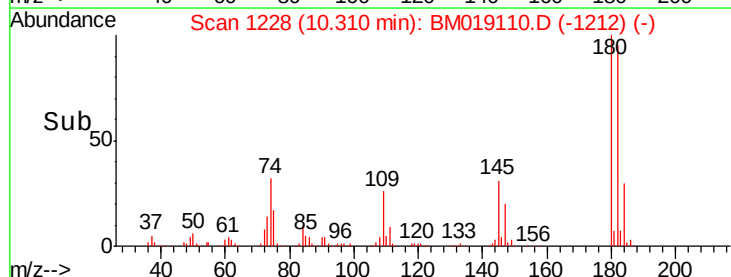
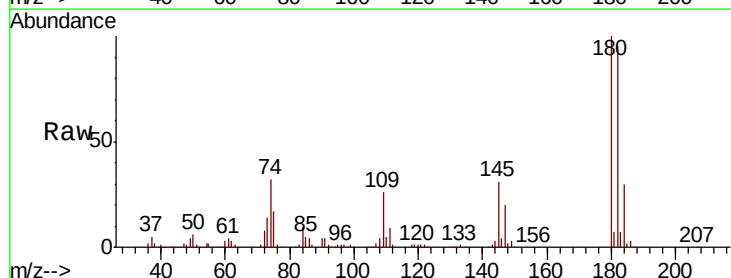
Manual Integrations
 APPROVED

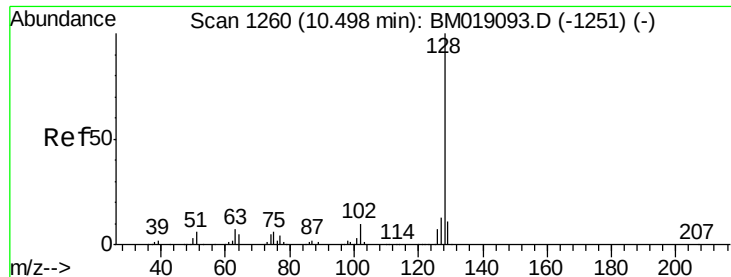
Sohil
 3/13/2019 10:44:56 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 39.248 ng
 RT: 10.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BM019110.D
 Acq: 12 Mar 2019 14:03

Tgt Ion:	180	Resp:	592736
Ion Ratio	Lower	Upper	
180	100		
182	95.1	76.6	114.8
145	31.0	24.3	36.5





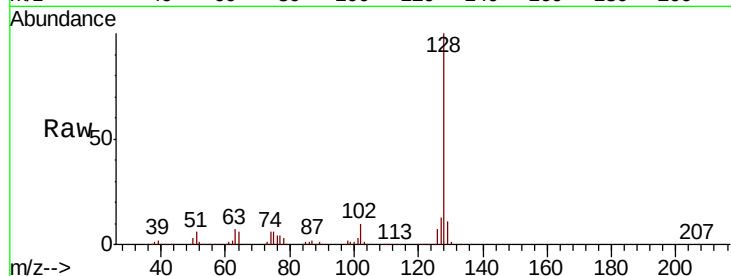
#31
Naphthalene
Concen: 39.549 ng
RT: 10.50 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BM019110.D
Acq: 12 Mar 2019 14:03

Instrument :
BNA_M
ClientSampleId :
PB117788BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	13.0
127	13.2	10.4	15.6

Manual Integrations
APPROVED

Sohil
3/13/2019 10:44:56 AM

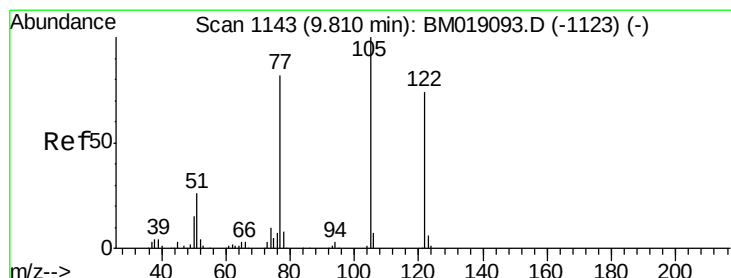
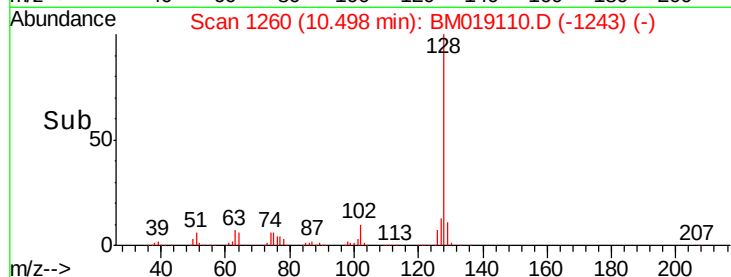
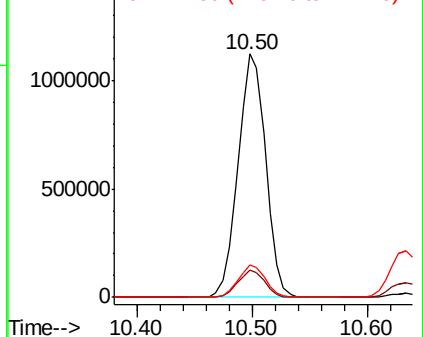


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 42.340 ng m
RT: 9.80 min Scan# 1142
Delta R.T. -0.01 min
Lab File: BM019110.D
Acq: 12 Mar 2019 14:03

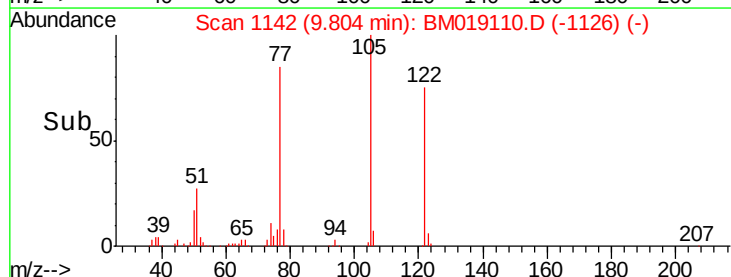
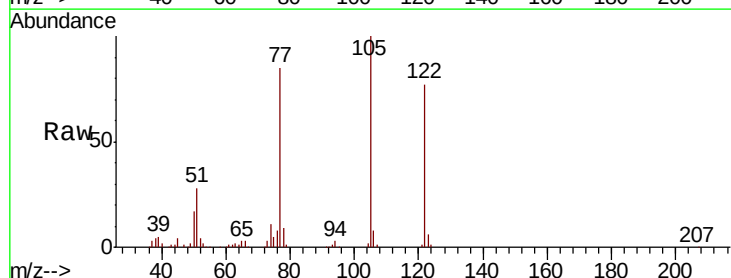
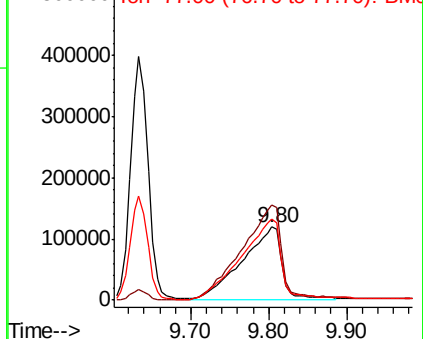
Tgt Ion	Ratio	Lower	Upper
122	100		
105	130.5	113.0	153.0
77	111.5	90.1	130.1

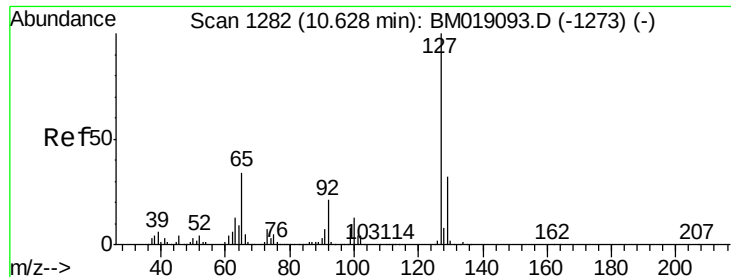
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): E





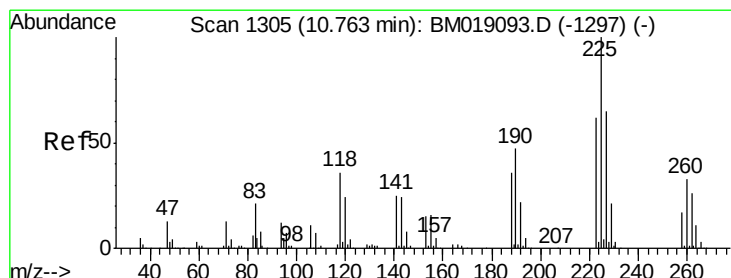
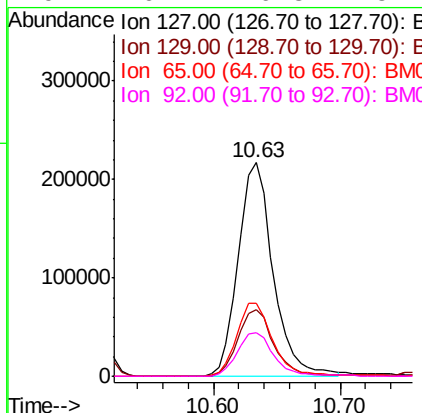
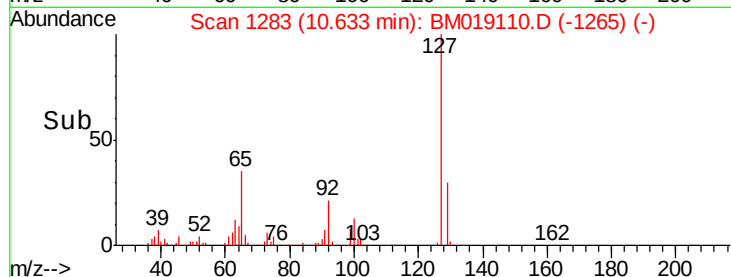
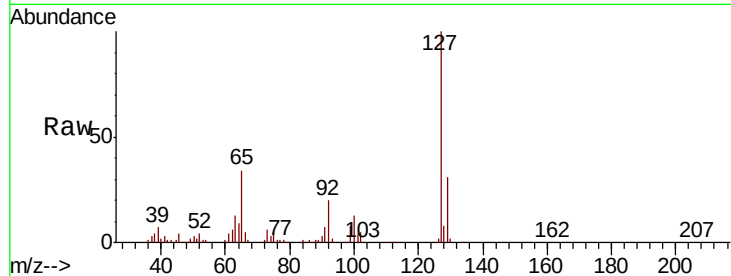
#33
4-Chloroaniline
Concen: 21.603 ng
RT: 10.63 min Scan# 1283
Delta R.T. 0.01 min
Lab File: BM019110.D
Acq: 12 Mar 2019 14:03

Instrument :
BNA_M
ClientSampleId :
PB117788BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.3	25.3	37.9
65	34.2	27.4	41.2
92	20.4	16.8	25.2

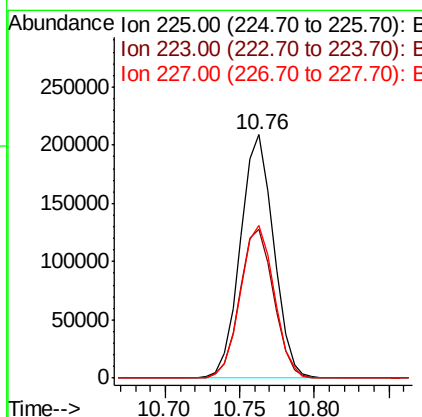
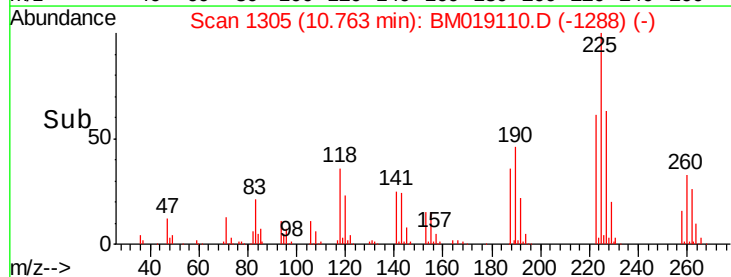
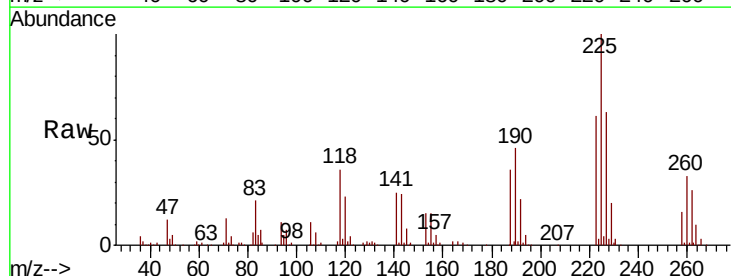
Manual Integrations
APPROVED

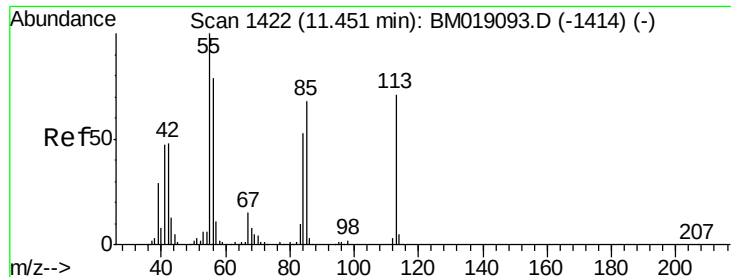
Sohil
3/13/2019 10:44:56 AM



#34
Hexachlorobutadiene
Concen: 37.216 ng
RT: 10.76 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BM019110.D
Acq: 12 Mar 2019 14:03

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.4	49.4	74.0
227	62.5	51.6	77.4





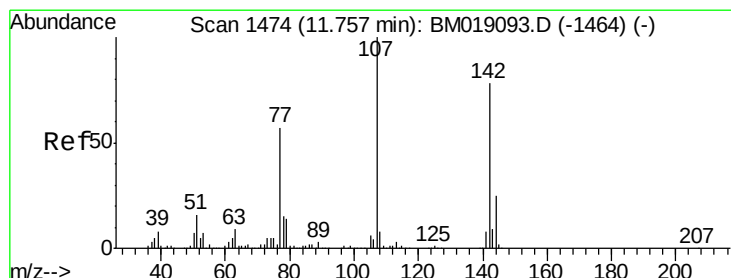
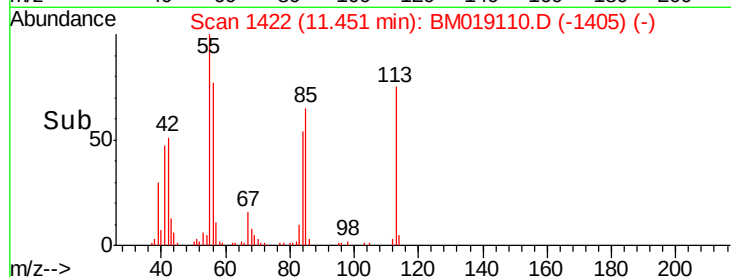
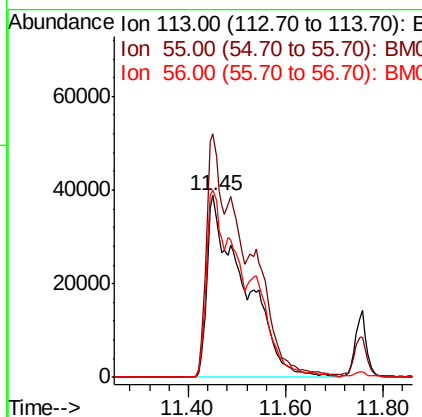
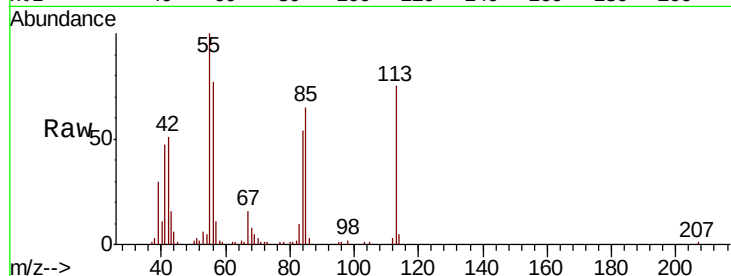
#35
 Caprolactam
 Concen: 42.884 ng/ml
 RT: 11.45 min Scan# 1422
 Delta R.T. -0.00 min
 Lab File: BM019110.D
 Acq: 12 Mar 2019 14:03

Instrument :
 BNA_M
 ClientSampleId :
 PB117788BS

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	133.8	120.1	160.1	
56	103.0	90.1	130.1	

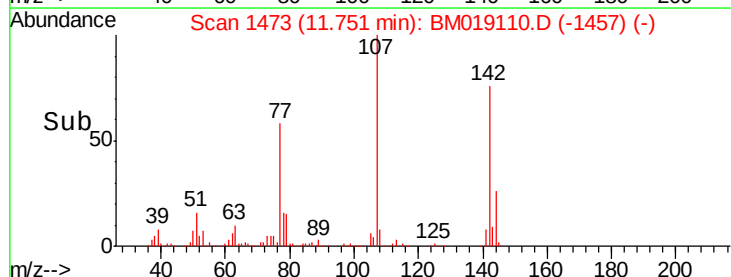
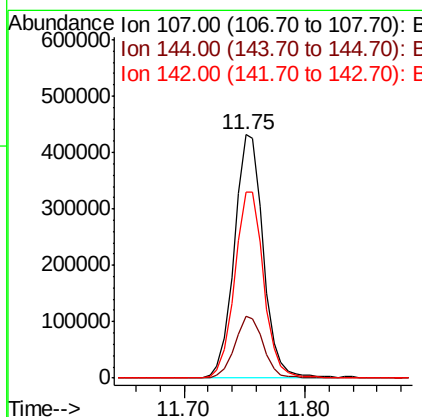
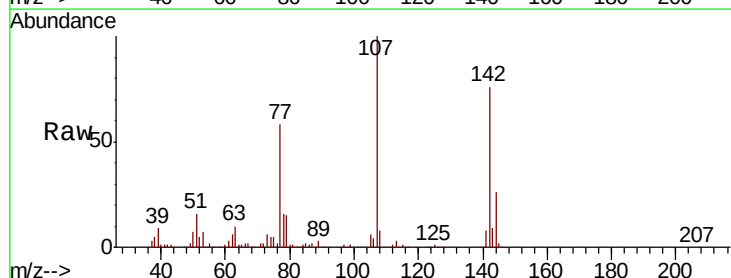
Manual Integrations
 APPROVED

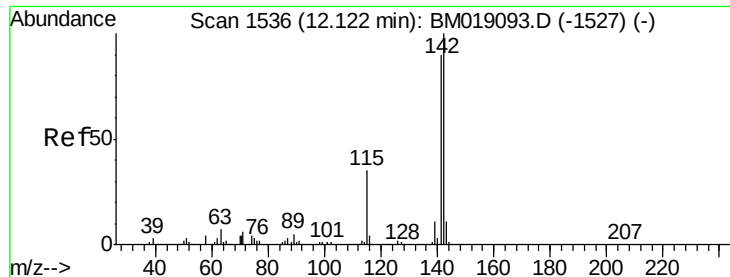
Sohil
 3/13/2019 10:44:56 AM



#36
 4-Chloro-3-methylphenol
 Concen: 43.664 ng/ml
 RT: 11.75 min Scan# 1473
 Delta R.T. -0.01 min
 Lab File: BM019110.D
 Acq: 12 Mar 2019 14:03

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	25.5	20.2	30.4	
142	76.5	62.4	93.6	





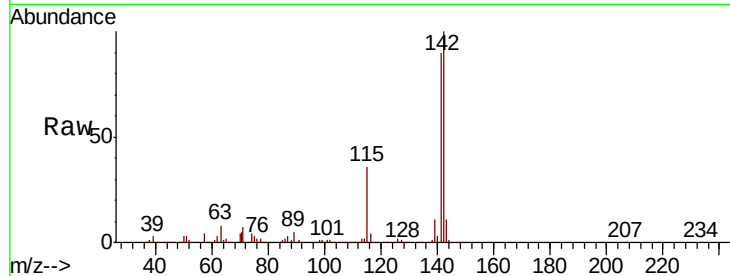
#37
2-Methylnaphthalene
Concen: 40.988 ng
RT: 12.12 min Scan# 1535
Delta R.T. -0.01 min
Lab File: BM019110.D
Acq: 12 Mar 2019 14:03

Instrument :
BNA_M
ClientSampleId :
PB117788BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	72.3	108.5
115	35.9	27.8	41.8

Manual Integrations
APPROVED

Sohil
3/13/2019 10:44:56 AM

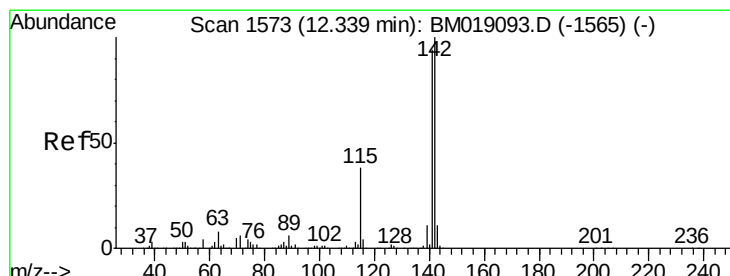
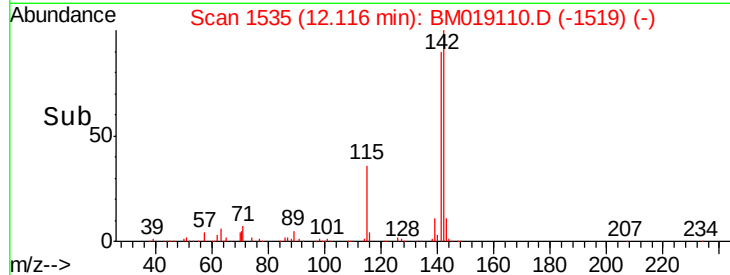
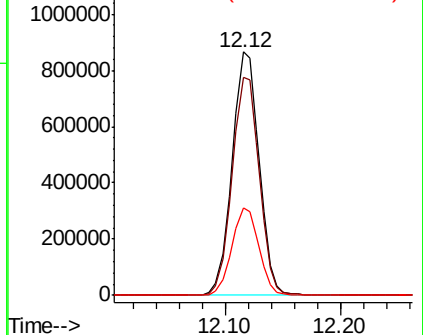


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 39.910 ng
RT: 12.34 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BM019110.D
Acq: 12 Mar 2019 14:03

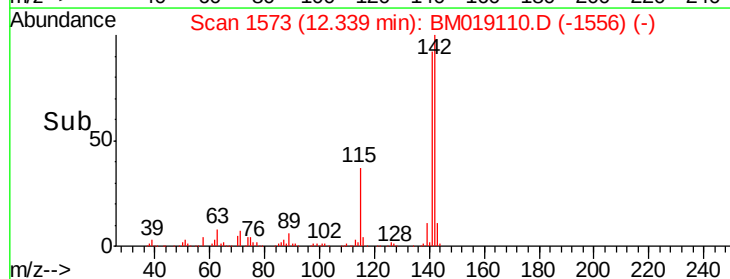
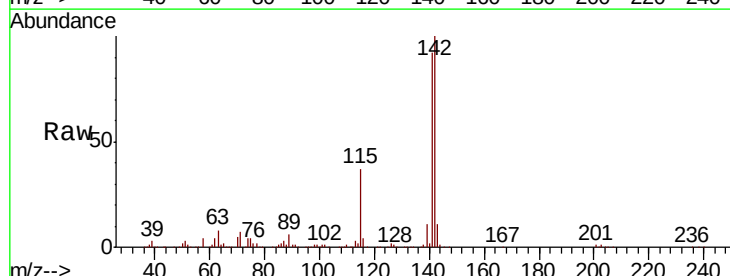
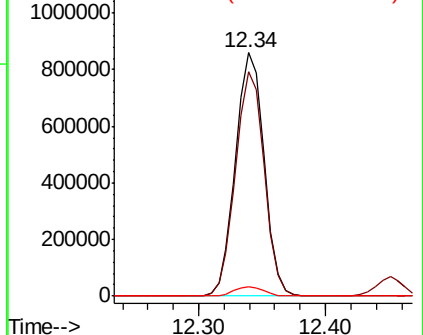
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	74.9	112.3
116	4.0	3.2	4.8

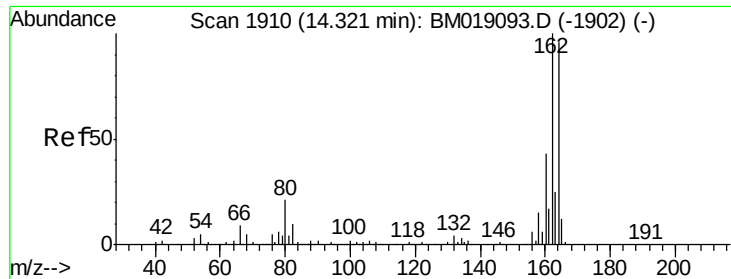
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.32 min Scan# 1909

Delta R.T. -0.01 min

Lab File: BM019110.D

Acq: 12 Mar 2019 14:03

Instrument :

BNA_M

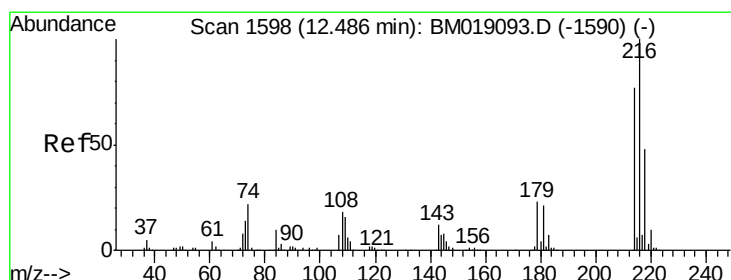
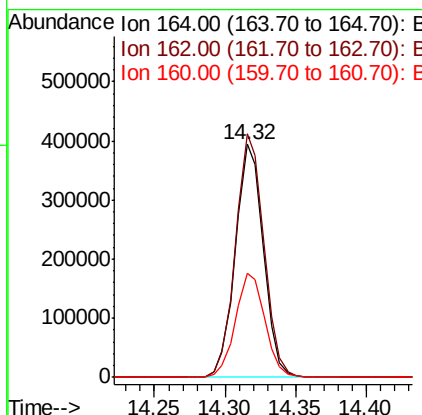
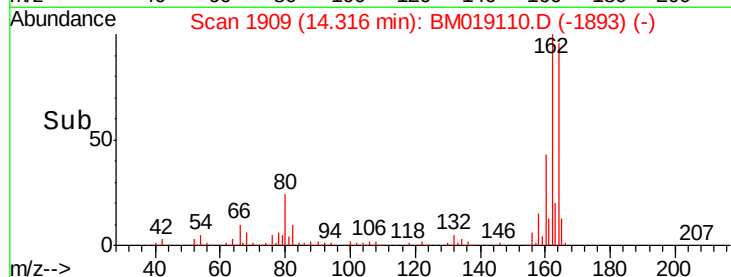
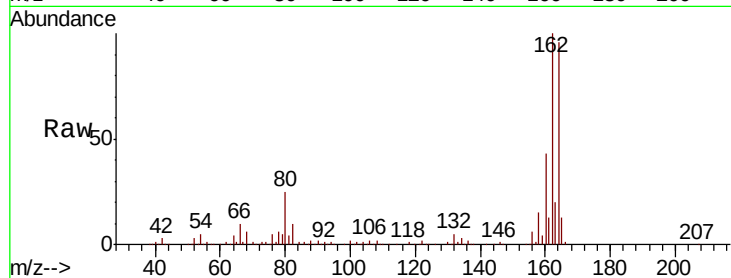
ClientSampleId :

PB117788BS

Tot Ion:	164	Resp:	545000
Ion Ratio	Lower	Upper	
164	100		
162	104.4	83.5	125.3
160	44.6	36.3	54.5

Manual Integrations
APPROVED

Sohil
3/13/2019 10:44:56 AM



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.239 ng

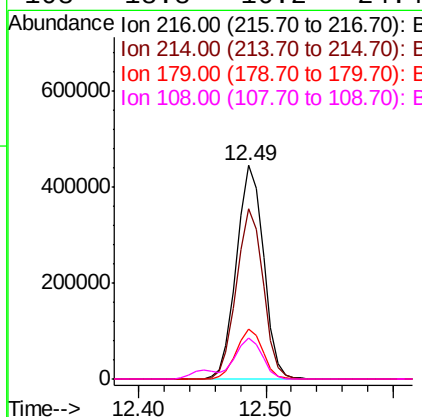
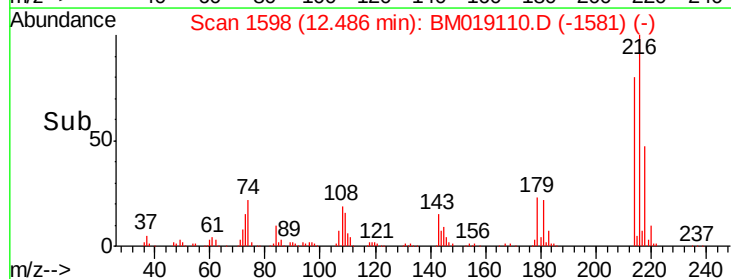
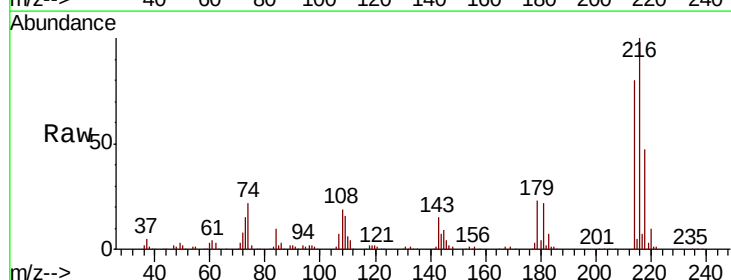
RT: 12.49 min Scan# 1598

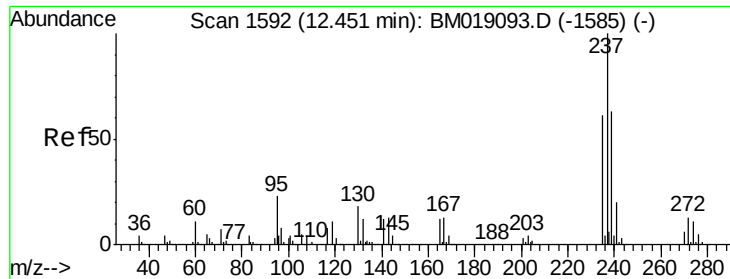
Delta R.T. -0.00 min

Lab File: BM019110.D

Acq: 12 Mar 2019 14:03

Tgt Ion:	216	Resp:	659231
Ion Ratio	Lower	Upper	
216	100		
214	78.6	62.9	94.3
179	22.8	18.0	27.0
108	18.8	16.2	24.4





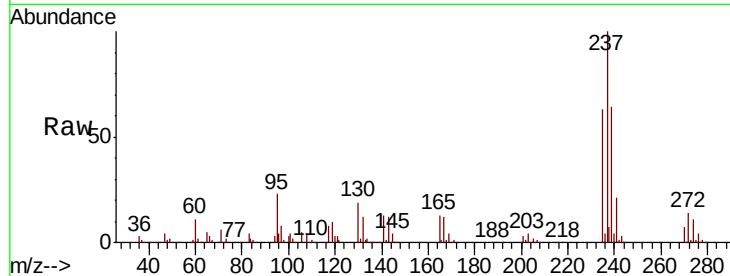
#41
Hexachlorocyclopentadiene
Concen: 100.260 ng
RT: 12.45 min Scan# 1592
Delta R.T. -0.00 min
Lab File: BM019110.D
Acq: 12 Mar 2019 14:03

Instrument :
BNA_M
ClientSampleId :
PB117788BS

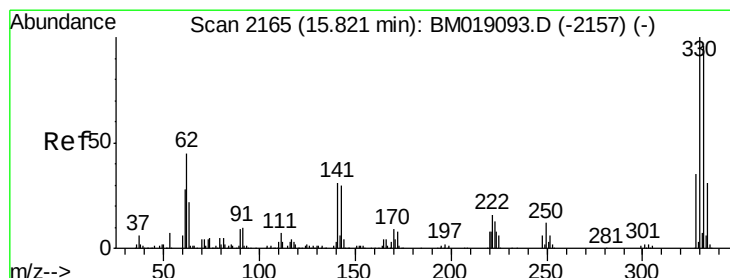
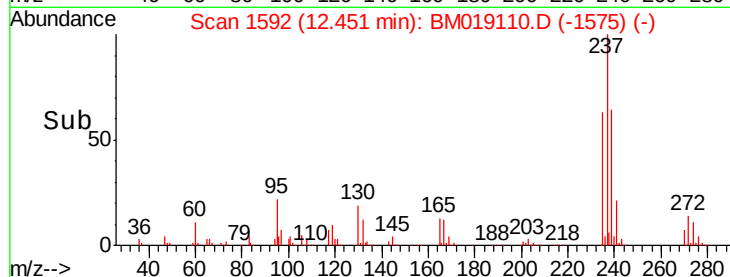
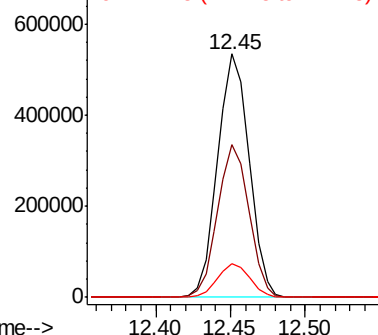
Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	62.5	41.3	81.3
272	13.6	0.0	33.1

Manual Integrations
APPROVED

Sohil
3/13/2019 10:44:56 AM

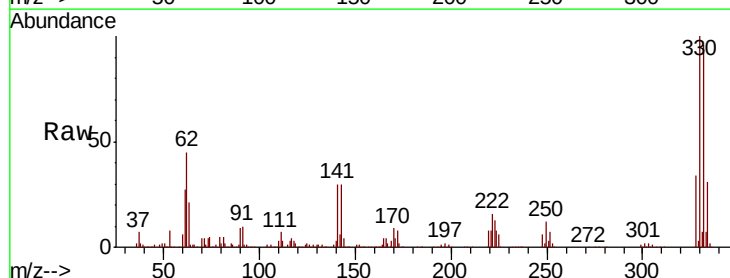


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

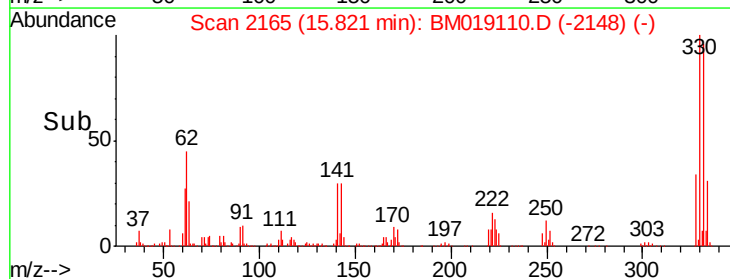
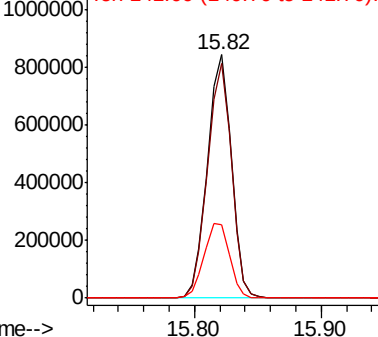


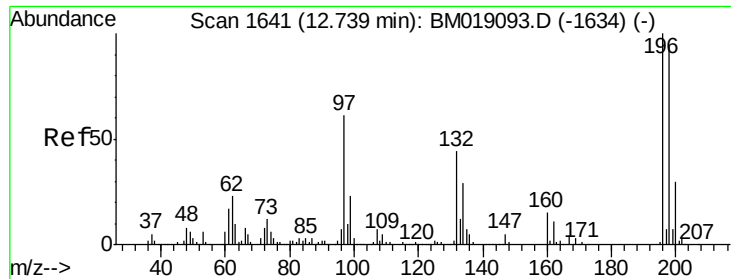
#42
2,4,6-Tribromophenol
Concen: 137.369 ng
RT: 15.82 min Scan# 2165
Delta R.T. -0.00 min
Lab File: BM019110.D
Acq: 12 Mar 2019 14:03

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.4	76.8	115.2
141	32.9	27.0	40.4



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





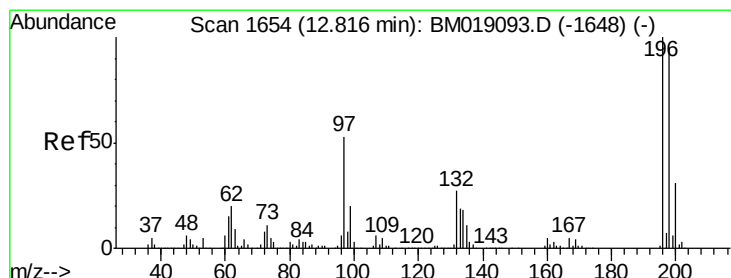
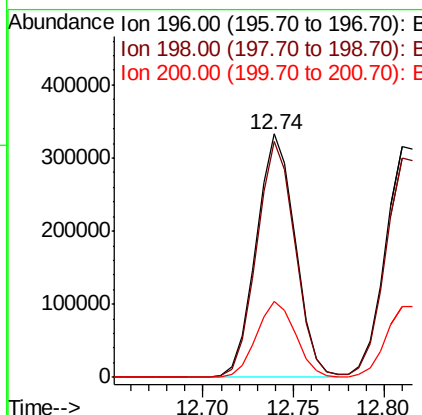
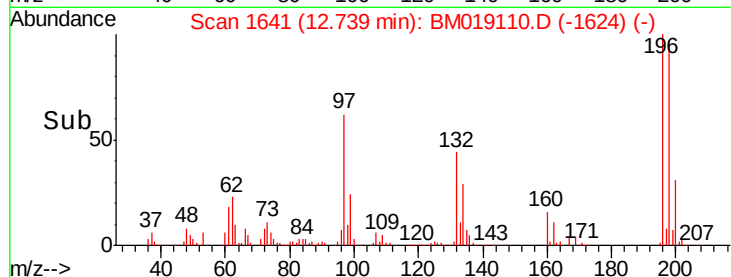
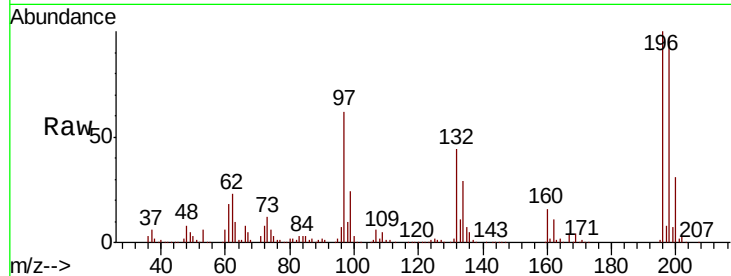
#43
 2,4,6-Trichlorophenol
 Concen: 44.589 ng
 RT: 12.74 min Scan# 1641
 Delta R.T. -0.00 min
 Lab File: BM019110.D
 Acq: 12 Mar 2019 14:03

Instrument :
 BNA_M
 ClientSampled :
 PB117788BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	496771		
198	96.8	75.4	113.0	
200	31.2	24.2	36.2	

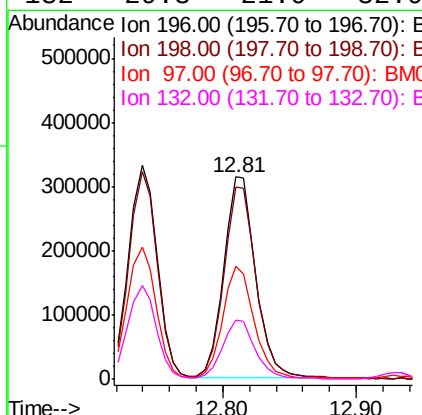
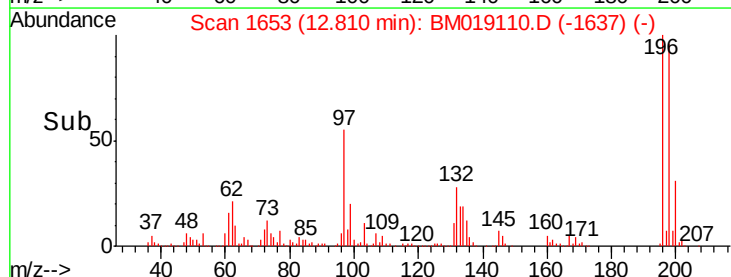
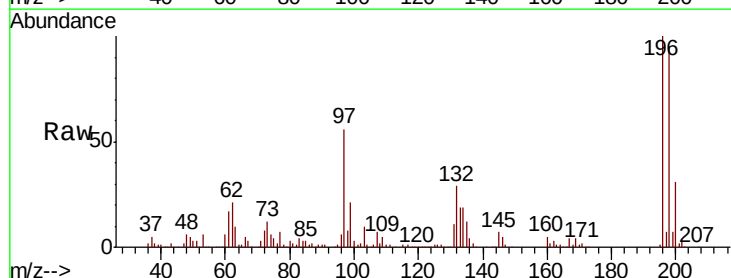
Manual Integrations
 APPROVED

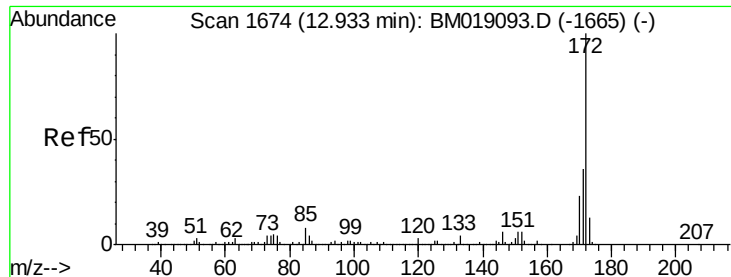
Sohil
 3/13/2019 10:44:56 AM



#44
 2,4,5-Trichlorophenol
 Concen: 43.823 ng
 RT: 12.81 min Scan# 1653
 Delta R.T. -0.01 min
 Lab File: BM019110.D
 Acq: 12 Mar 2019 14:03

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	522088		
198	95.2	75.9	113.9	
97	55.6	42.5	63.7	
132	29.3	21.9	32.9	





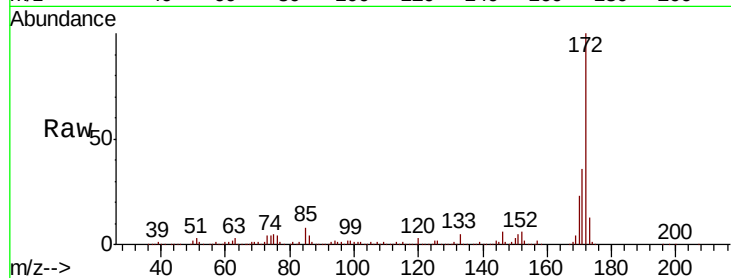
#45
2-Fluorobiphenyl
Concen: 74.145 ng
RT: 12.93 min Scan# 1674
Delta R.T. -0.00 min
Lab File: BM019110.D
Acq: 12 Mar 2019 14:03

Instrument :
BNA_M
ClientSampleId :
PB117788BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	42.8
170	23.4	18.6	28.0

Manual Integrations
APPROVED

Sohil
3/13/2019 10:44:56 AM

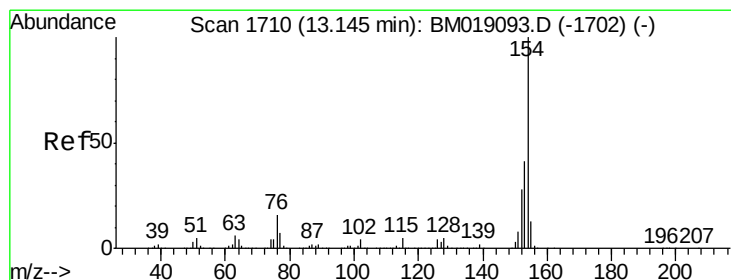
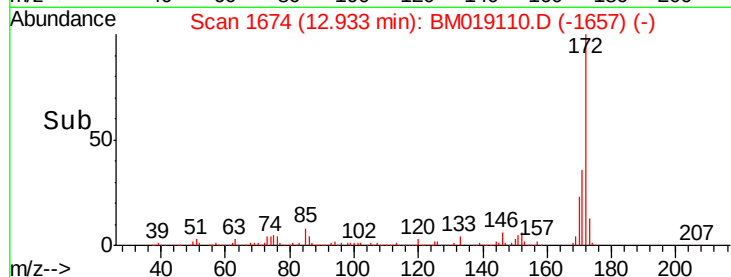
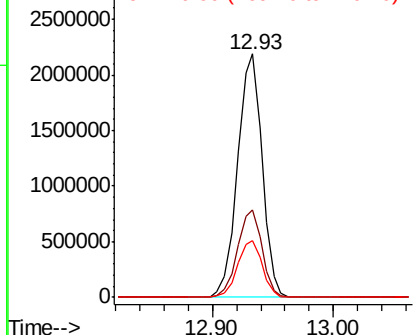


Abundance

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: 38.423 ng
RT: 13.15 min Scan# 1710
Delta R.T. -0.00 min
Lab File: BM019110.D
Acq: 12 Mar 2019 14:03

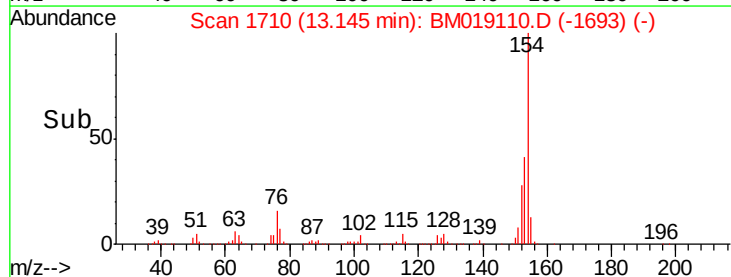
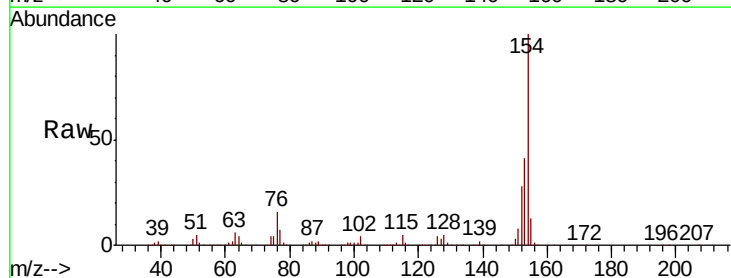
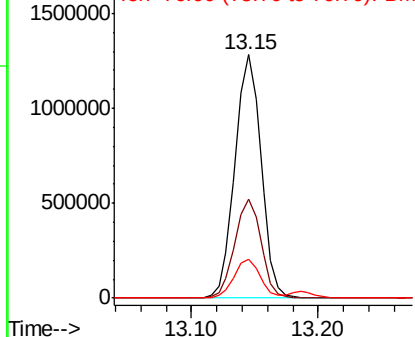
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	21.5	61.5
76	15.9	0.0	35.8

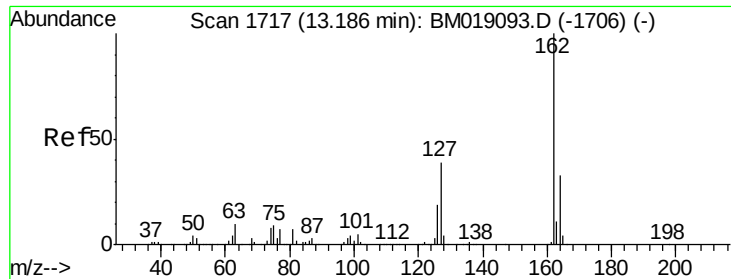
Abundance

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





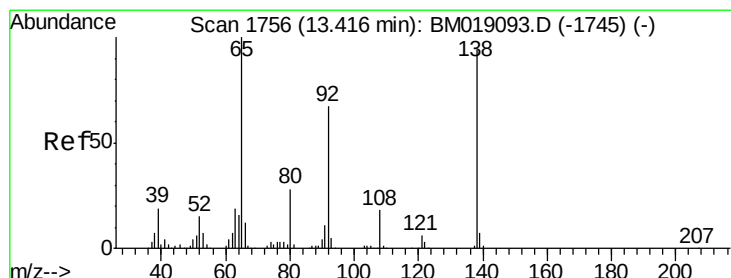
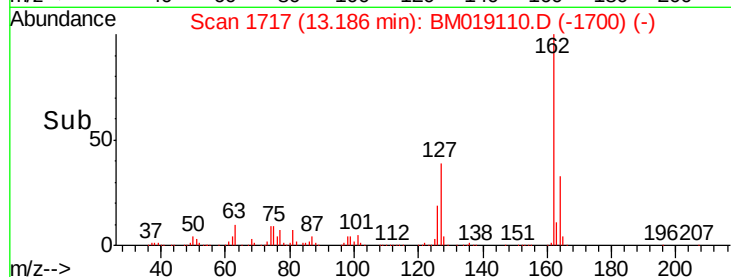
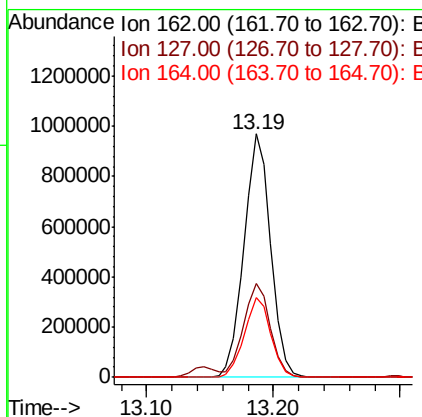
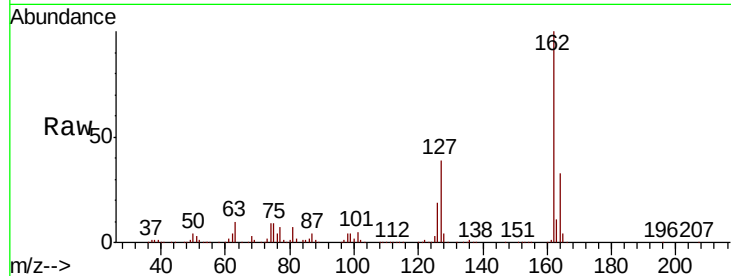
#47
2-Chloronaphthalene
Concen: 39.823 ng
RT: 13.19 min Scan# 1717
Delta R.T. -0.00 min
Lab File: BM019110.D
Acq: 12 Mar 2019 14:03

Instrument :
BNA_M
ClientSampleId :
PB117788BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.6	31.2	46.8
164	32.8	26.3	39.5

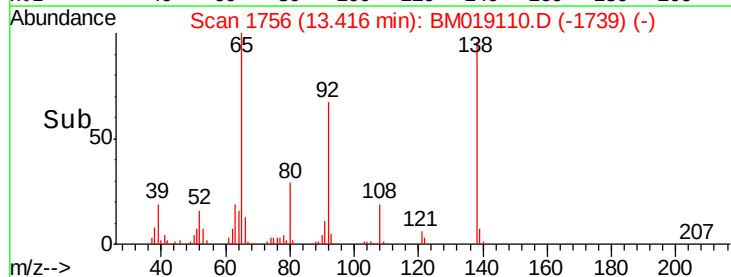
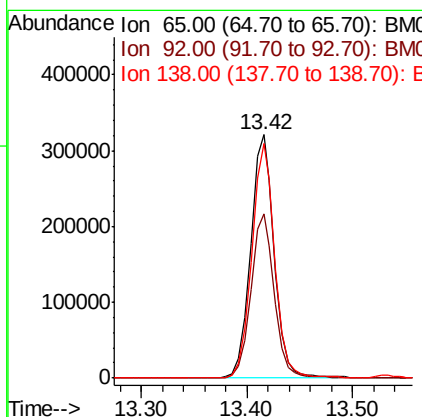
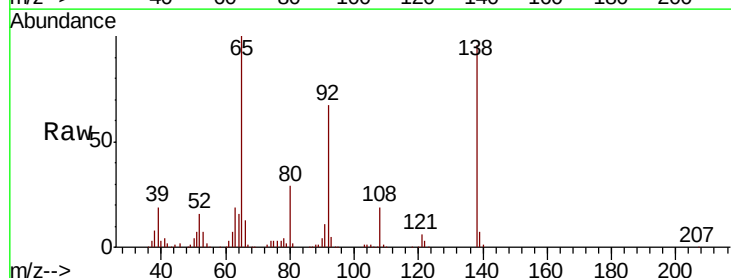
Manual Integrations
APPROVED

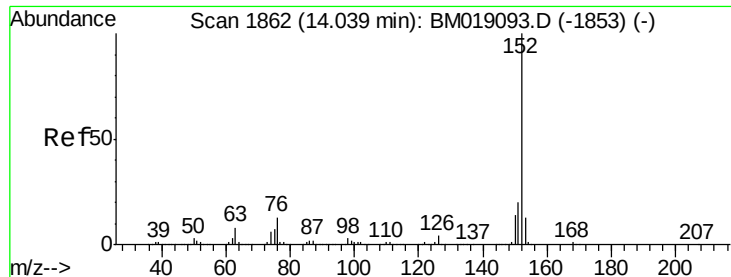
Sohil
3/13/2019 10:44:56 AM



#48
2-Nitroaniline
Concen: 41.846 ng
RT: 13.42 min Scan# 1756
Delta R.T. -0.00 min
Lab File: BM019110.D
Acq: 12 Mar 2019 14:03

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.4	53.4	80.2
138	96.4	74.9	112.3





#49

Acenaphthylene

Concen: 38.741 ng

RT: 14.04 min Scan# 1862

Delta R.T. -0.00 min

Lab File: BM019110.D

Acq: 12 Mar 2019 14:03

Instrument :

BNA_M

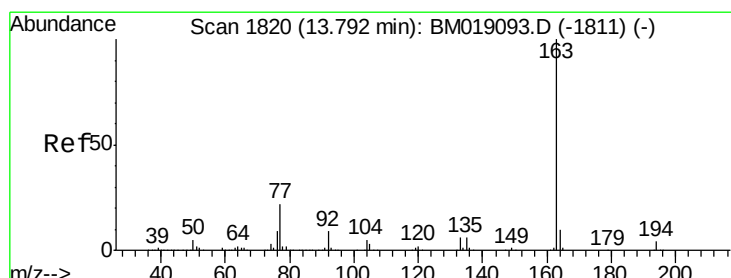
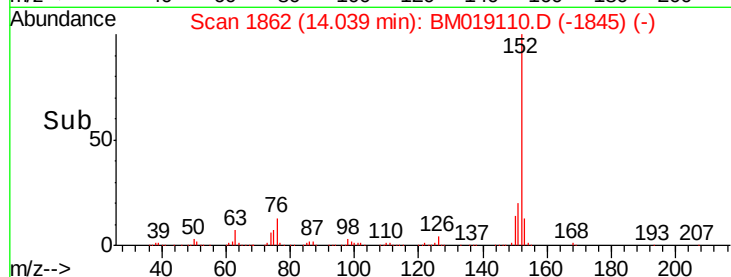
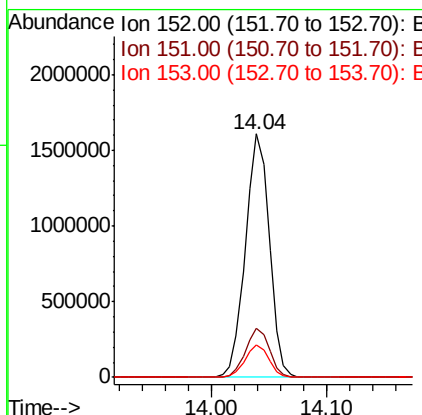
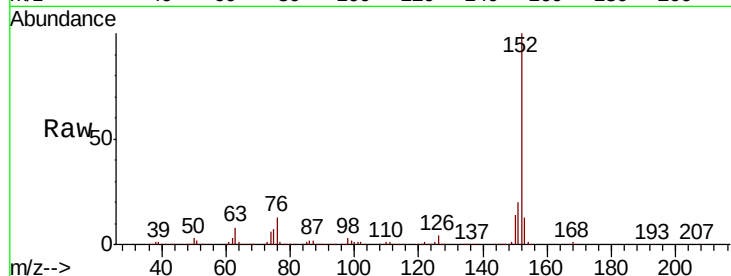
ClientSampleId :

PB117788BS

Tot Ion:	152	Resp:	2327181
Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.2
153	13.2	10.6	15.8

Manual Integrations
APPROVED

Sohil
3/13/2019 10:44:56 AM



#50

Dimethylphthalate

Concen: 40.137 ng

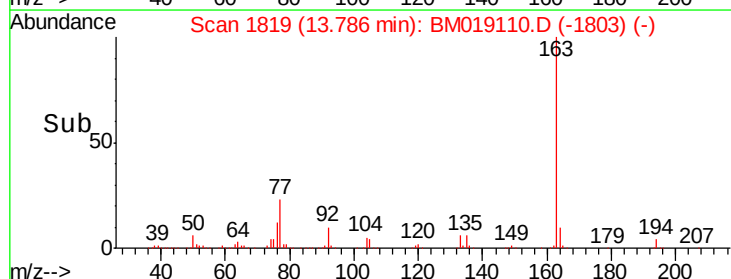
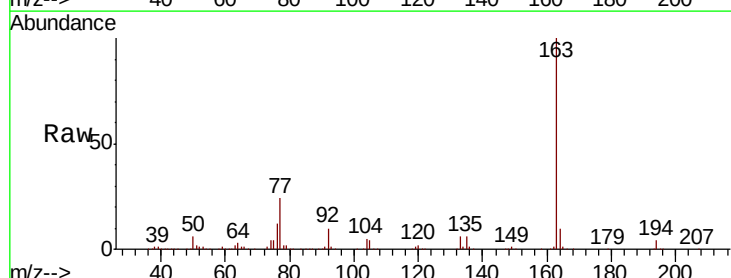
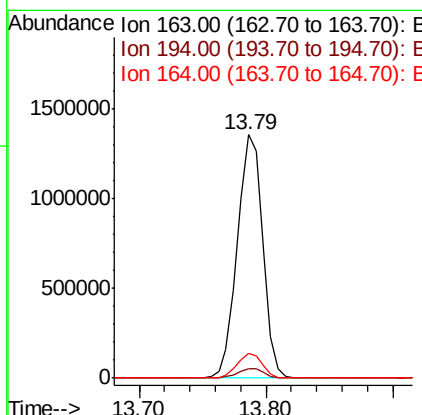
RT: 13.79 min Scan# 1819

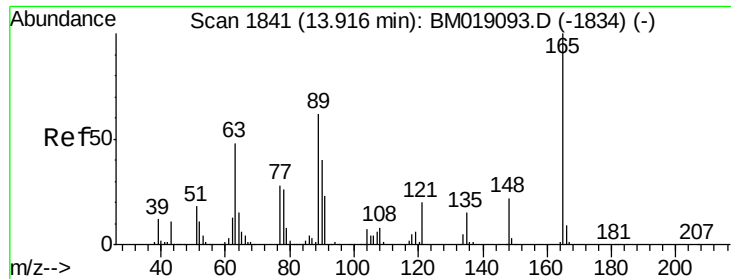
Delta R.T. -0.01 min

Lab File: BM019110.D

Acq: 12 Mar 2019 14:03

Tgt Ion:	163	Resp:	1871258
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.3	7.7	11.5





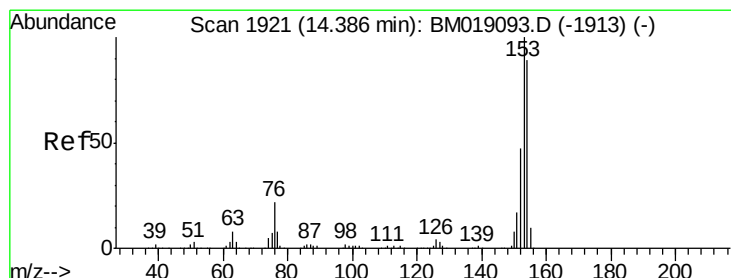
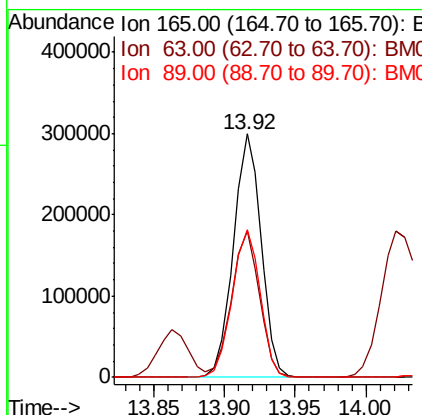
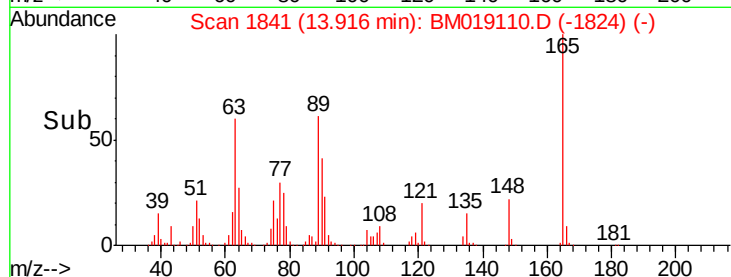
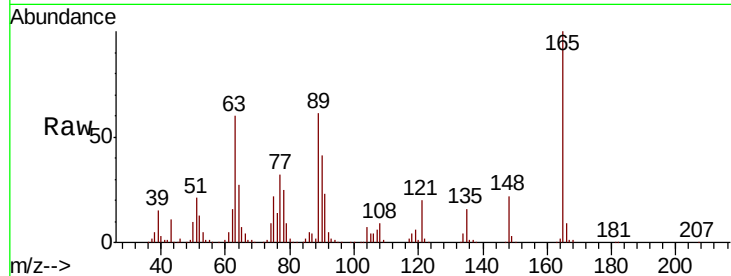
#51
2,6-Dinitrotoluene
Concen: 40.690 ng
RT: 13.92 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BM019110.D
Acq: 12 Mar 2019 14:03

Instrument :
BNA_M
ClientSampleId :
PB117788BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	60.3	48.2	72.4
89	60.8	49.3	73.9

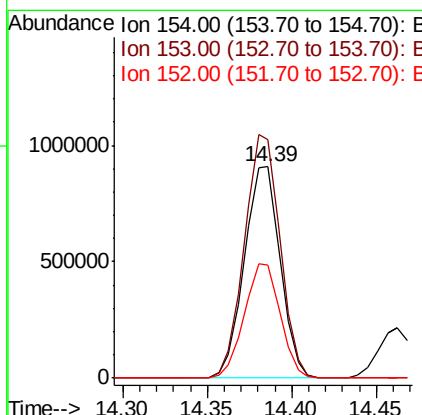
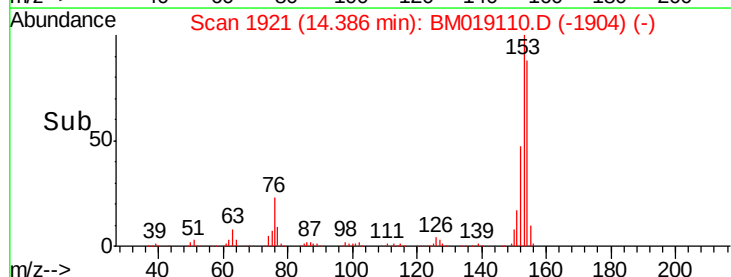
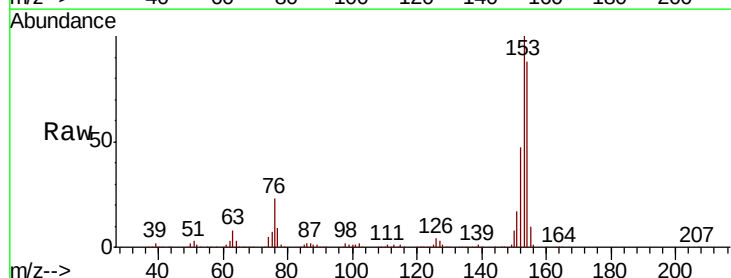
Manual Integrations
APPROVED

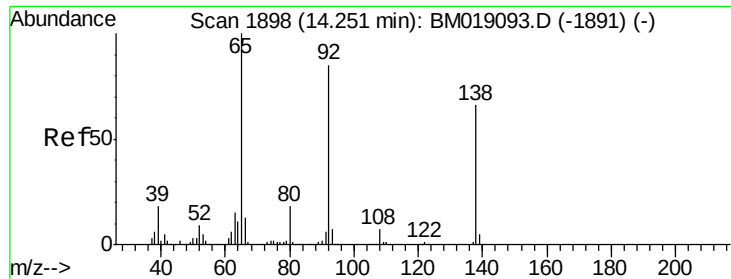
Sohil
3/13/2019 10:44:56 AM



#52
Acenaphthene
Concen: 39.038 ng
RT: 14.39 min Scan# 1921
Delta R.T. -0.00 min
Lab File: BM019110.D
Acq: 12 Mar 2019 14:03

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.1	90.1	135.1
152	53.7	42.5	63.7





#53

3-Nitroaniline

Concen: 26.869 ng

RT: 14.25 min Scan# 1898

Delta R.T. -0.00 min

Lab File: BM019110.D

Acq: 12 Mar 2019 14:03

Instrument :

BNA_M

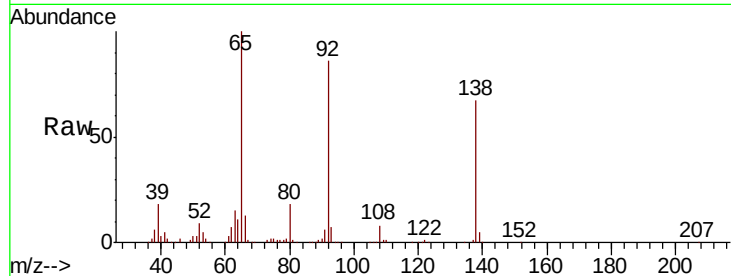
ClientSampleId :

PB117788BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	286810		
108	11.3	9.0	13.4	
92	126.9	102.6	153.8	

Manual Integrations
APPROVED

Sohil
3/13/2019 10:44:56 AM

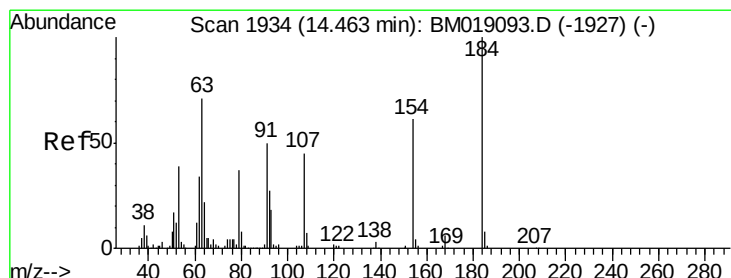
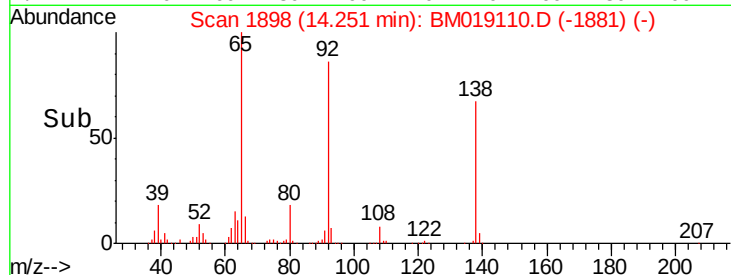
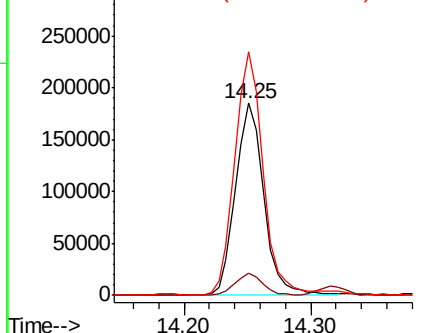


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#54

2,4-Dinitrophenol

Concen: 87.251 ng

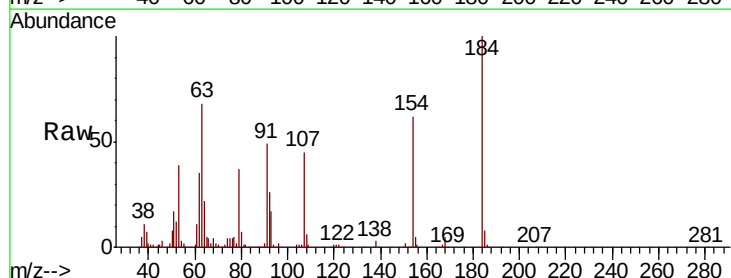
RT: 14.46 min Scan# 1934

Delta R.T. -0.00 min

Lab File: BM019110.D

Acq: 12 Mar 2019 14:03

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	510679		
63	67.6	56.7	85.1	
154	61.6	49.3	73.9	

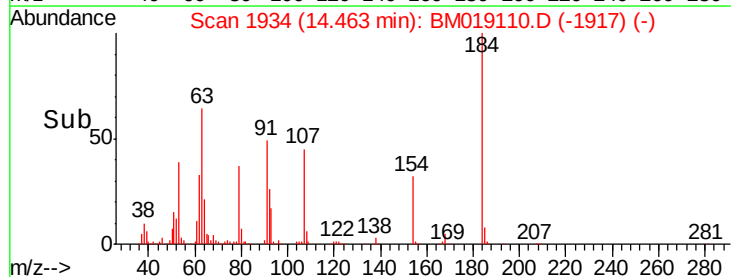
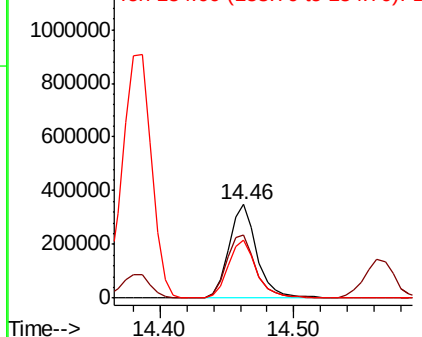


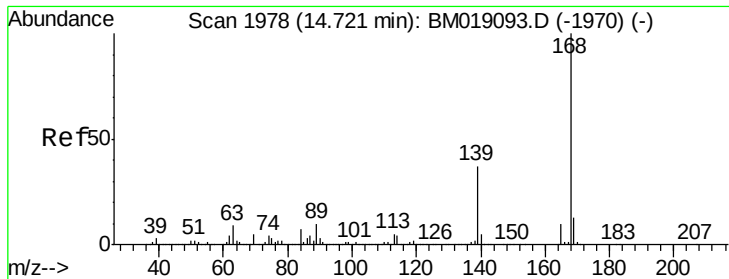
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E





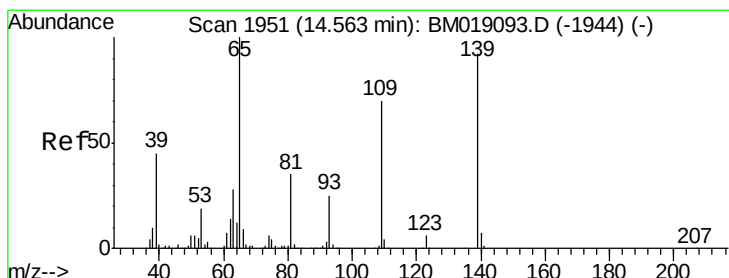
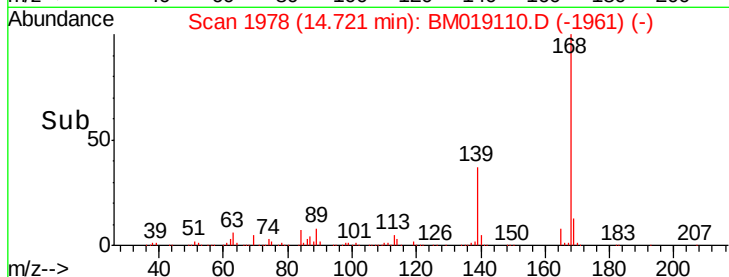
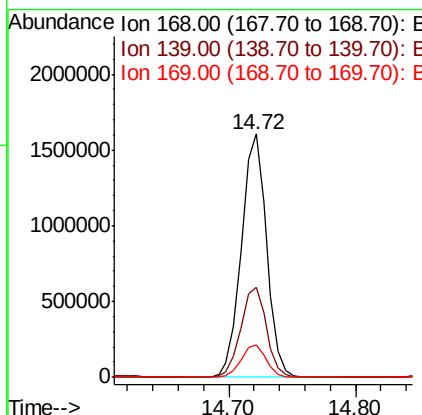
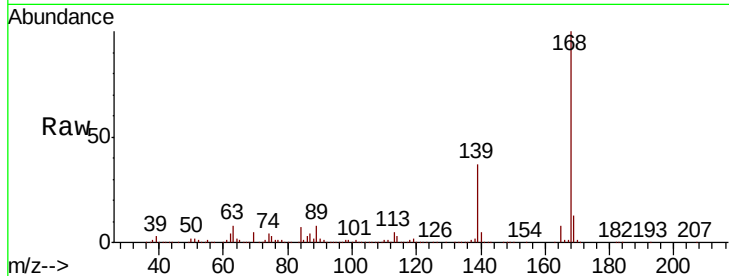
#55
Dibenzenofuran
Concen: 39.621 ng
RT: 14.72 min Scan# 1978
Delta R.T. -0.00 min
Lab File: BM019110.D
Acq: 12 Mar 2019 14:03

Instrument :
BNA_M
ClientSampleId :
PB117788BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.1	30.1	45.1
169	13.3	10.6	16.0

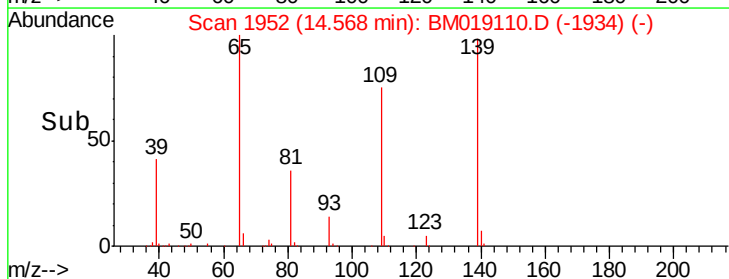
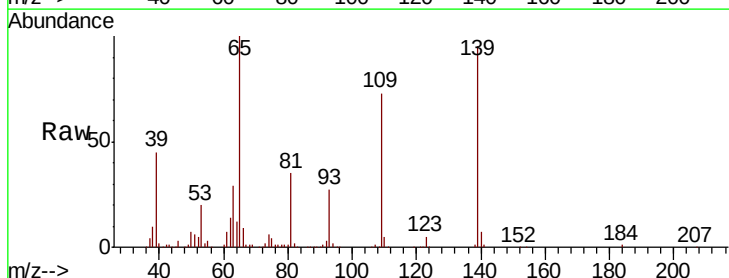
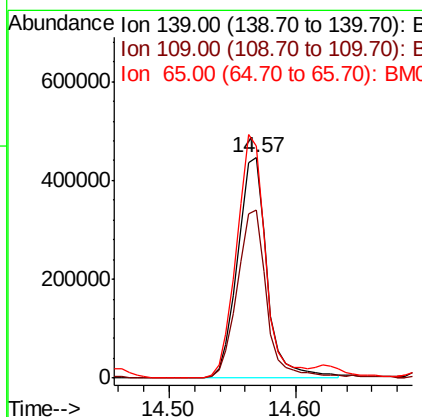
Manual Integrations
APPROVED

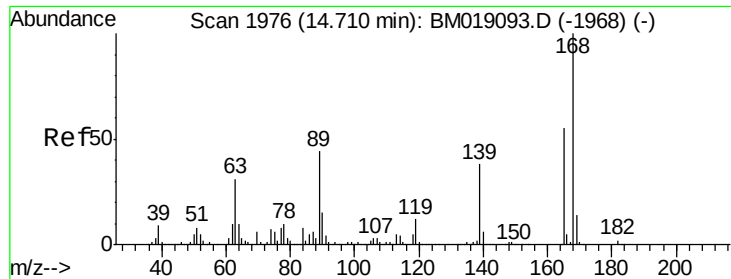
Sohil
3/13/2019 10:44:56 AM



#56
4-Nitrophenol
Concen: 82.286 ng
RT: 14.57 min Scan# 1952
Delta R.T. 0.01 min
Lab File: BM019110.D
Acq: 12 Mar 2019 14:03

Tgt Ion	Ratio	Lower	Upper
139	100		
109	76.5	56.3	96.3
65	105.5	89.2	129.2





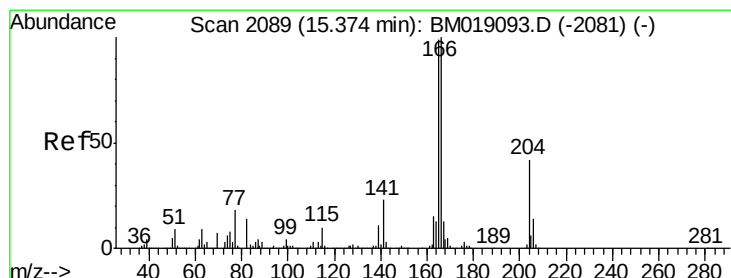
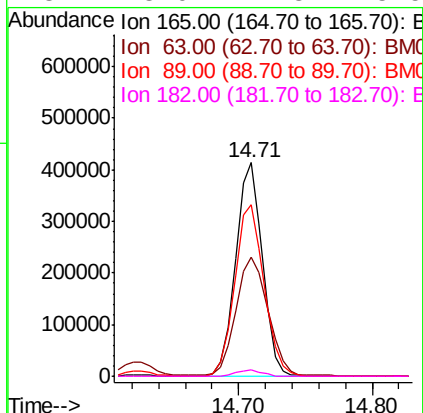
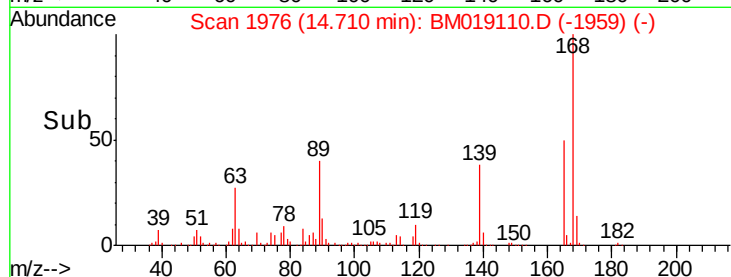
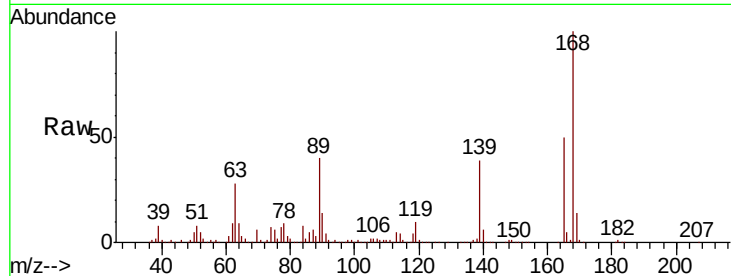
#57
2,4-Dinitrotoluene
Concen: 39.292 ng
RT: 14.71 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BM019110.D
Acq: 12 Mar 2019 14:03

Instrument :
BNA_M
ClientSampleId :
PB117788BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	574825		
63	56.0		44.7	67.1
89	80.6		63.4	95.2
182	3.0		2.3	3.5

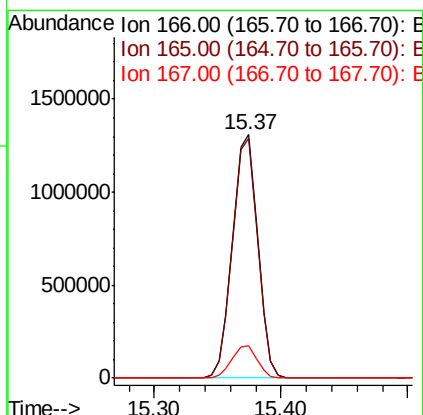
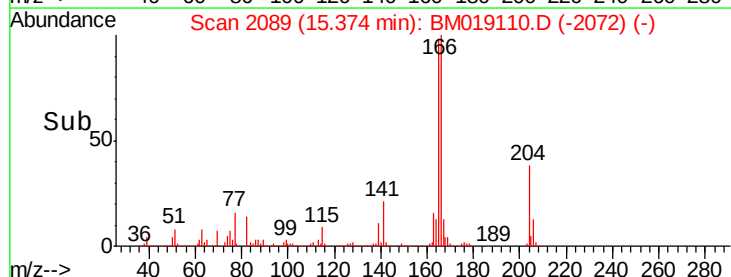
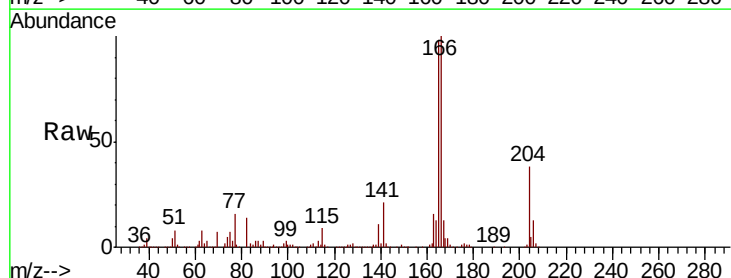
Manual Integrations
APPROVED

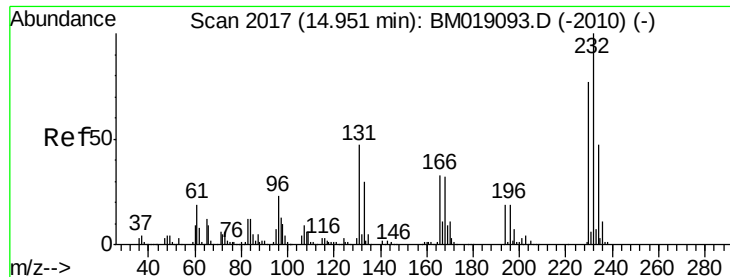
Sohil
3/13/2019 10:44:56 AM



#58
Fluorene
Concen: 39.305 ng
RT: 15.37 min Scan# 2089
Delta R.T. -0.00 min
Lab File: BM019110.D
Acq: 12 Mar 2019 14:03

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1803444		
165	98.2		79.0	118.4
167	13.4		10.8	16.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 42.422 ng

RT: 14.95 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BM019110.D

Acq: 12 Mar 2019 14:03

Instrument :

BNA_M

ClientSampled :

PB117788BS

Tot Ion:232 Resp: 470501

Ion Ratio Lower Upper

232 100

131 48.4 38.2 57.2

130 2.5 1.9 2.9

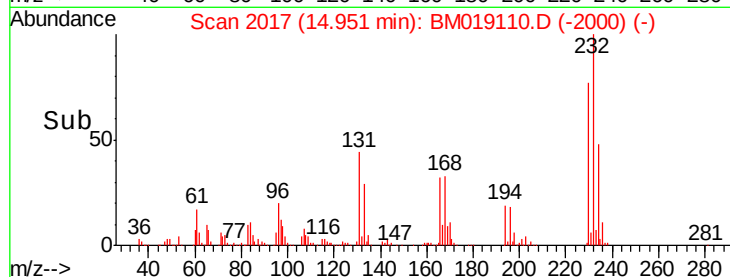
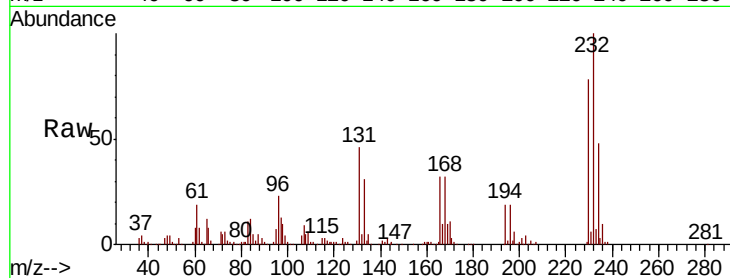
166 34.0 27.0 40.4

Manual Integrations

APPROVED

Sohil

3/13/2019 10:44:56 AM

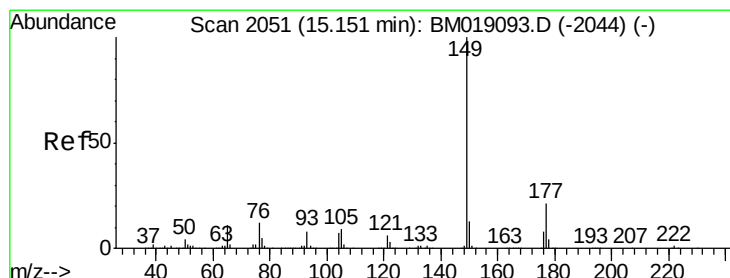
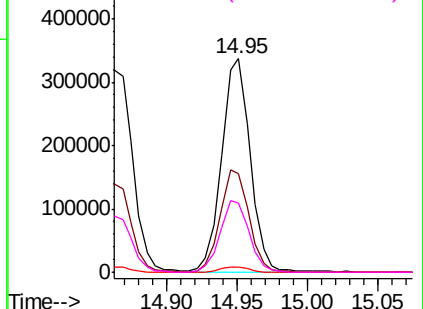


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 40.437 ng

RT: 15.15 min Scan# 2051

Delta R.T. -0.00 min

Lab File: BM019110.D

Acq: 12 Mar 2019 14:03

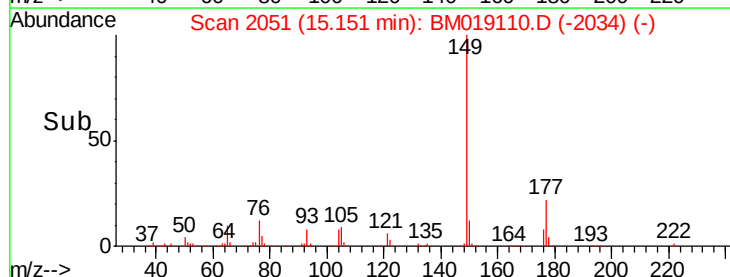
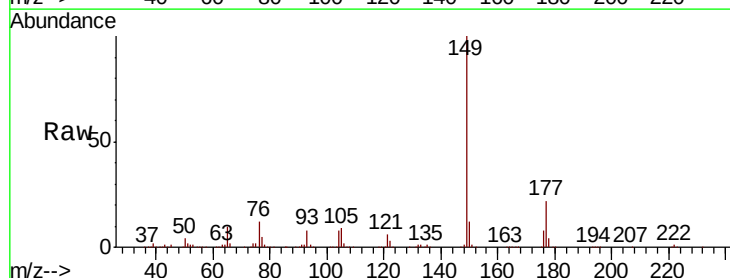
Tgt Ion:149 Resp: 1909377

Ion Ratio Lower Upper

149 100

177 21.6 17.0 25.6

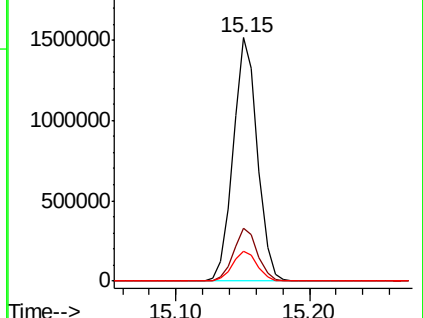
150 12.5 10.2 15.4

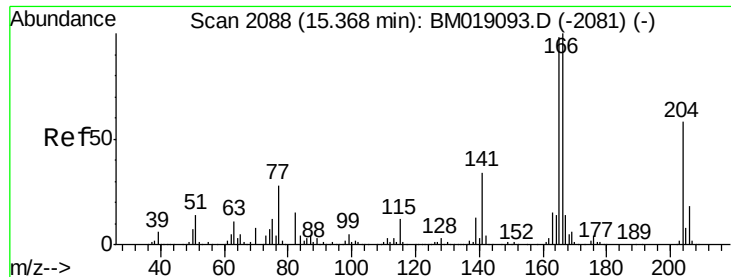


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





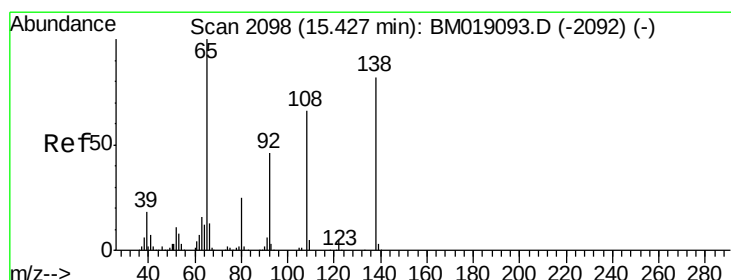
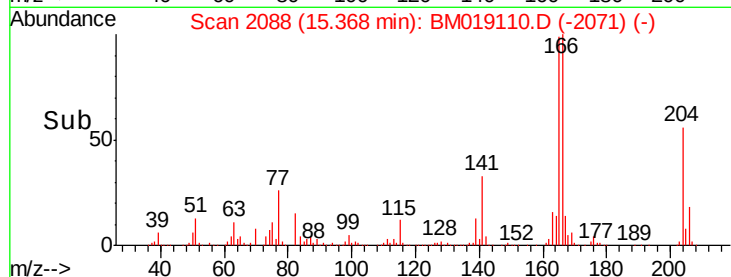
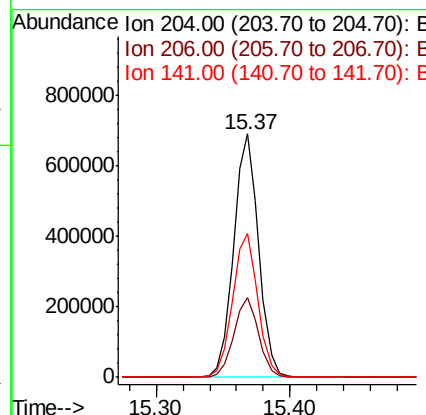
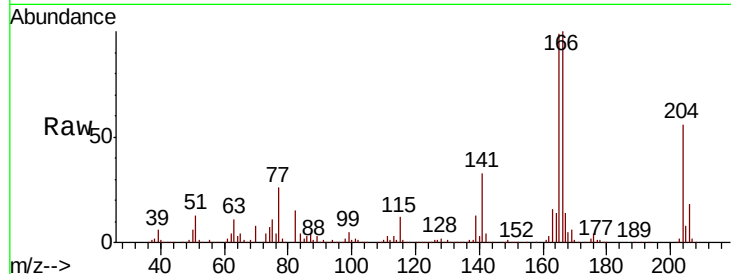
#61
 4-Chlorophenyl-phenylether
 Concen: 40.238 ng
 RT: 15.37 min Scan# 2088
 Delta R.T. -0.00 min
 Lab File: BM019110.D
 Acq: 12 Mar 2019 14:03

Instrument :
 BNA_M
 ClientSampled :
 PB117788BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	896708		
206	33.0	25.5	38.3	
141	59.2	47.8	71.8	

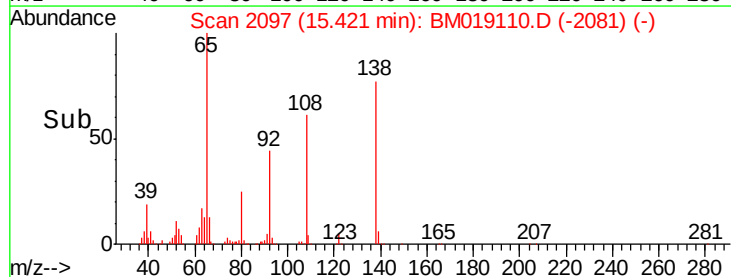
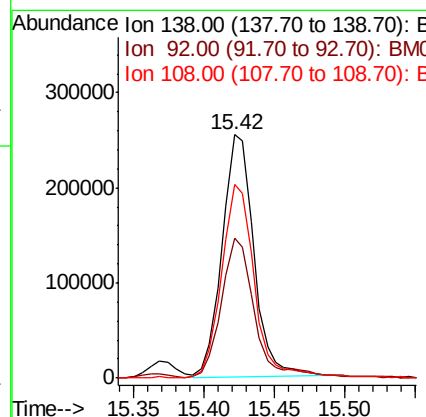
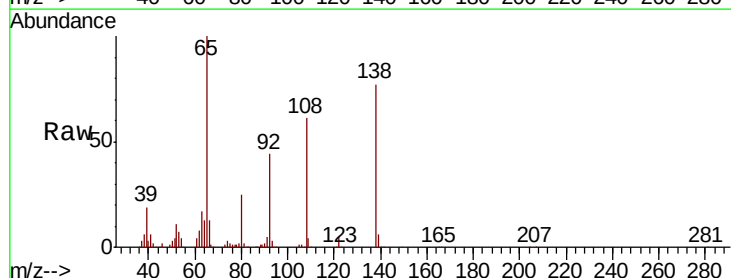
Manual Integrations
 APPROVED

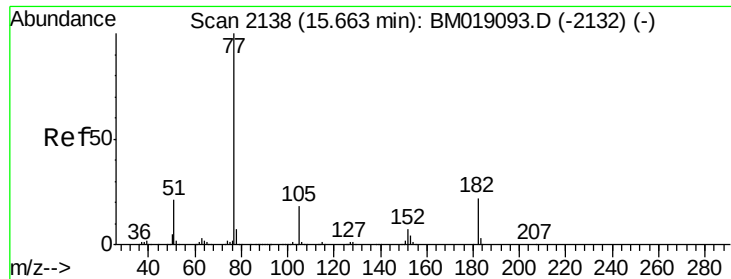
Sohil
 3/13/2019 10:44:56 AM



#62
 4-Nitroaniline
 Concen: 37.015 ng
 RT: 15.42 min Scan# 2097
 Delta R.T. -0.01 min
 Lab File: BM019110.D
 Acq: 12 Mar 2019 14:03

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	398180		
92	57.4	36.2	76.2	
108	79.7	59.7	99.7	





#63

Azobenzene

Concen: 41.272 ng

RT: 15.66 min Scan# 2138

Delta R.T. -0.00 min

Lab File: BM019110.D

Acq: 12 Mar 2019 14:03

Instrument :

BNA_M

ClientSampleId :

PB117788BS

Tot Ion: 77 Resp: 2050689

Ion Ratio Lower Upper

77 100

182 21.8 1.8 41.8

105 17.7 0.0 38.3

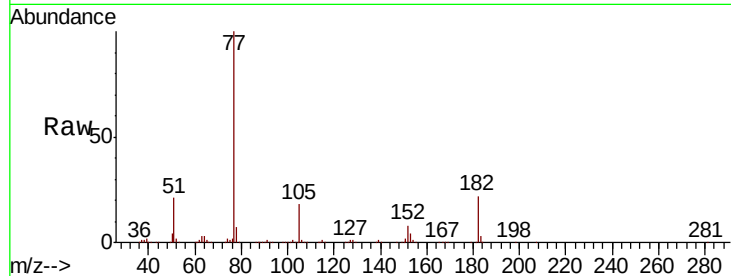
51 20.6 0.8 40.8

Manual Integrations

APPROVED

Sohil

3/13/2019 10:44:56 AM

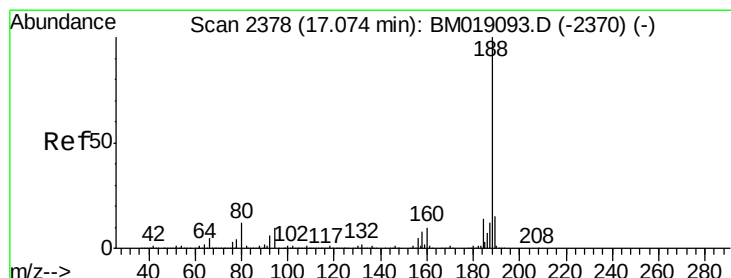
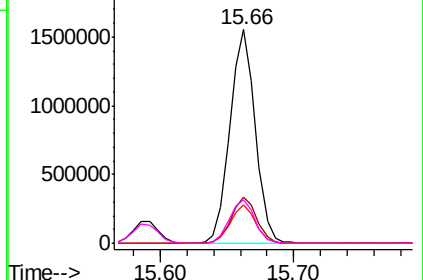
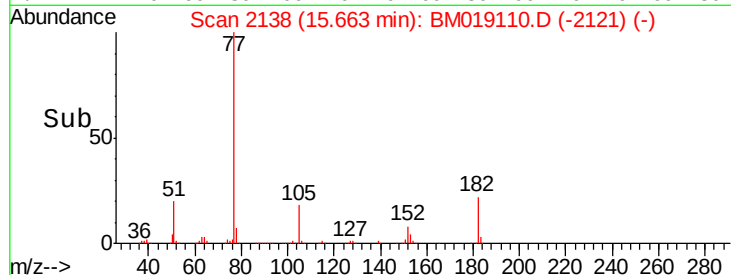


Abundance Ion 77.00 (76.70 to 77.70): BM019110.D (-2121) (-)

Ion 182.00 (181.70 to 182.70): BM019110.D (-2121) (-)

Ion 105.00 (104.70 to 105.70): BM019110.D (-2121) (-)

Ion 51.00 (50.70 to 51.70): BM019110.D (-2121) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.07 min Scan# 2378

Delta R.T. -0.00 min

Lab File: BM019110.D

Acq: 12 Mar 2019 14:03

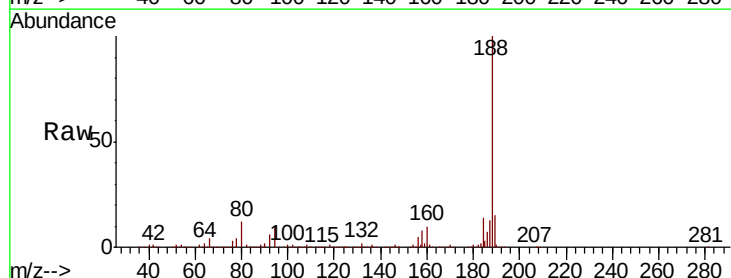
Tgt Ion: 188 Resp: 1204363

Ion Ratio Lower Upper

188 100

94 9.9 8.1 12.1

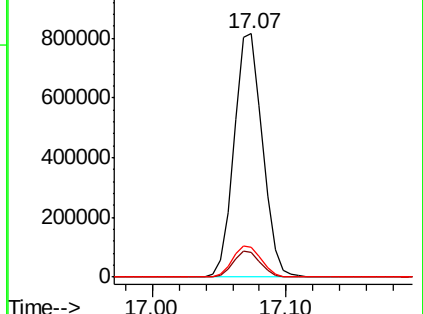
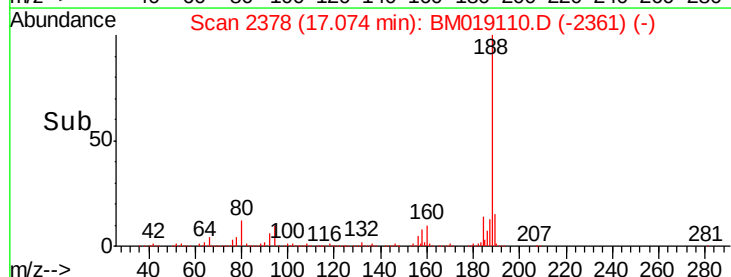
80 12.2 9.7 14.5

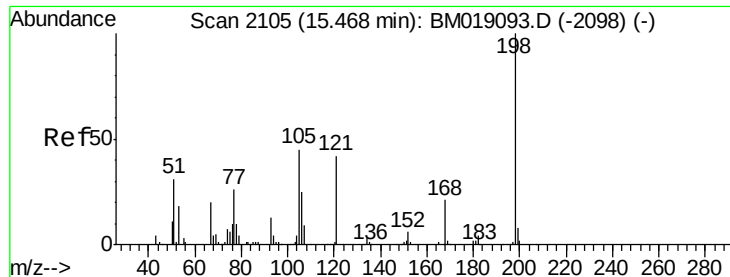


Abundance Ion 188.00 (187.70 to 188.70): BM019110.D (-2361) (-)

Ion 94.00 (93.70 to 94.70): BM019110.D (-2361) (-)

Ion 80.00 (79.70 to 80.70): BM019110.D (-2361) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 39.611 ng

RT: 15.47 min Scan# 2105

Delta R.T. -0.00 min

Lab File: BM019110.D

Acq: 12 Mar 2019 14:03

Instrument :

BNA_M

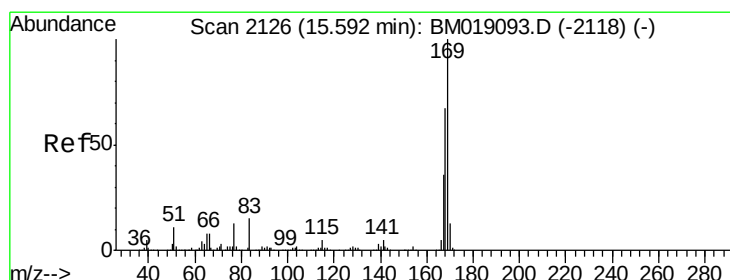
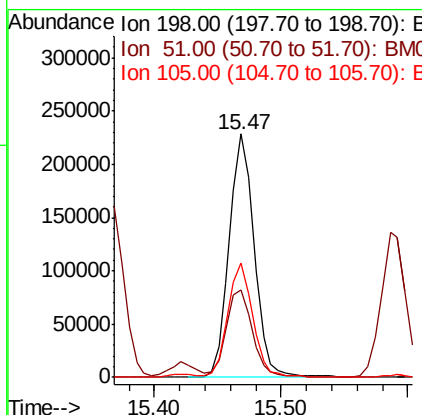
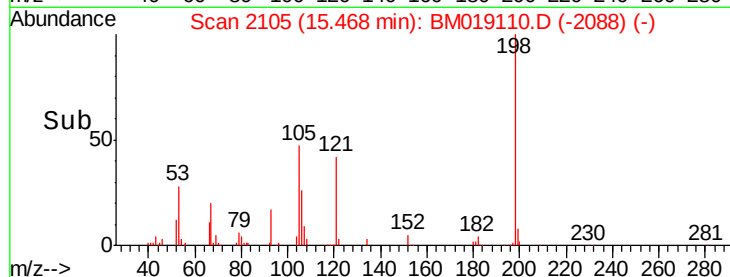
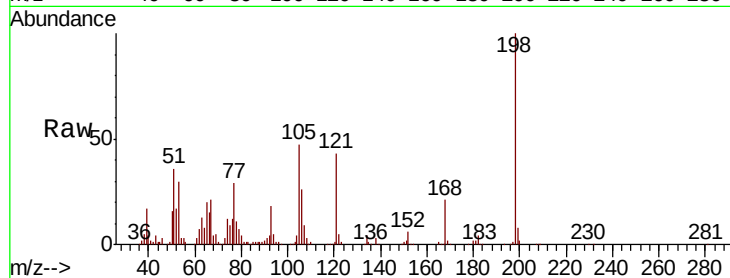
ClientSampleId :

PB117788BS

Tot Ion:	198	Resp:	312613
Ion Ratio	Lower	Upper	
198	100		
51	36.2	17.3	57.3
105	46.8	26.2	66.2

Manual Integrations
APPROVED

Sohil
3/13/2019 10:44:56 AM



#66

n-Nitrosodiphenylamine

Concen: 41.298 ng

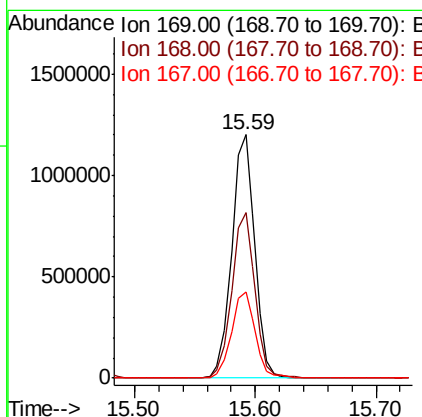
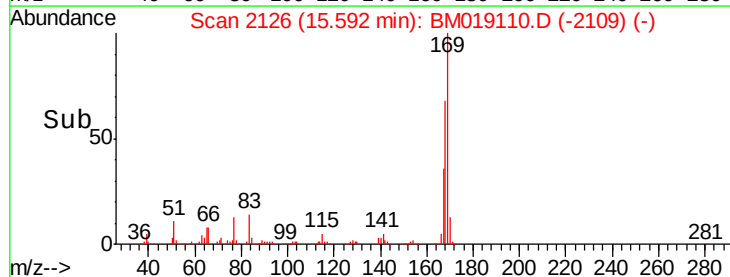
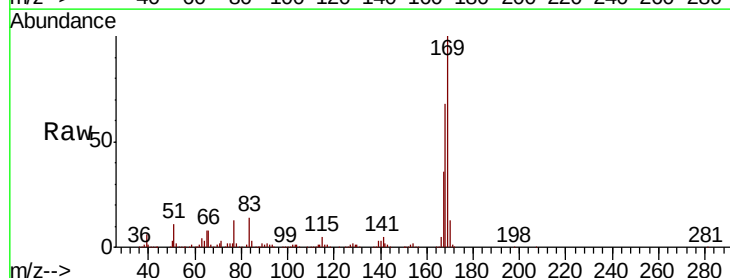
RT: 15.59 min Scan# 2126

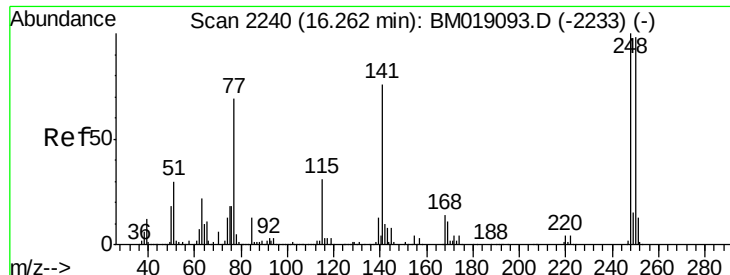
Delta R.T. -0.00 min

Lab File: BM019110.D

Acq: 12 Mar 2019 14:03

Tgt Ion:	169	Resp:	1583466
Ion Ratio	Lower	Upper	
169	100		
168	68.0	53.9	80.9
167	35.6	28.8	43.2





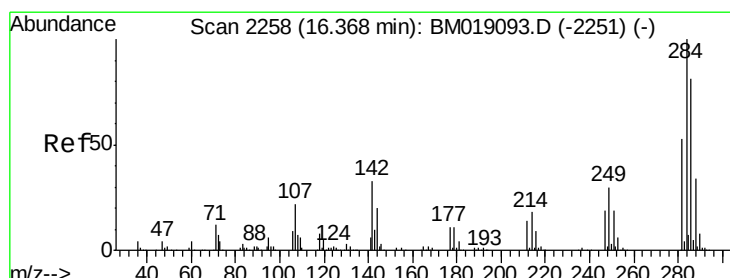
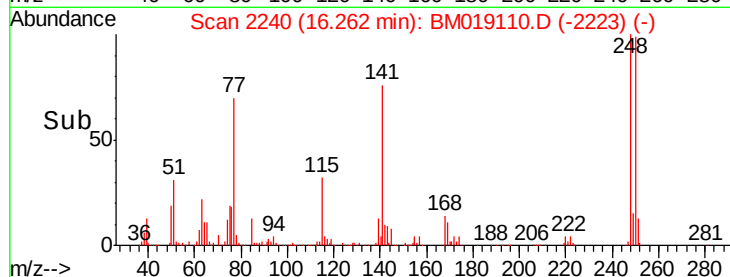
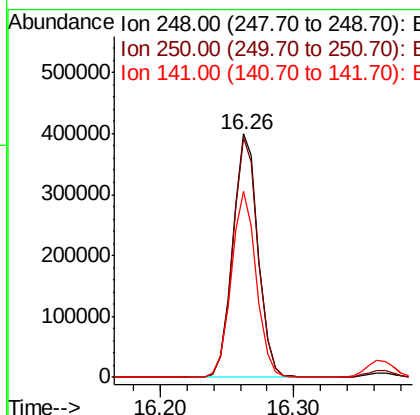
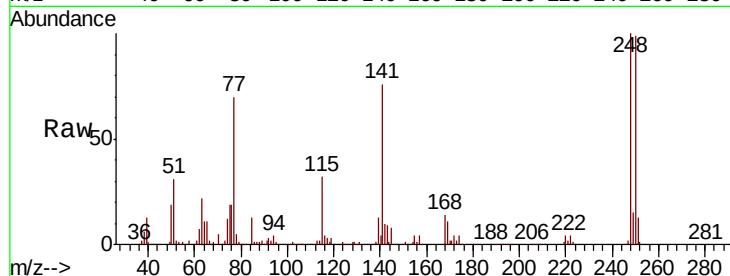
#67
4-Bromophenyl-phenylether
Concen: 39.715 ng
RT: 16.26 min Scan# 2240
Delta R.T. -0.00 min
Lab File: BM019110.D
Acq: 12 Mar 2019 14:03

Instrument :
BNA_M
ClientSampled :
PB117788BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.5	78.0	117.0
141	76.3	61.0	91.4

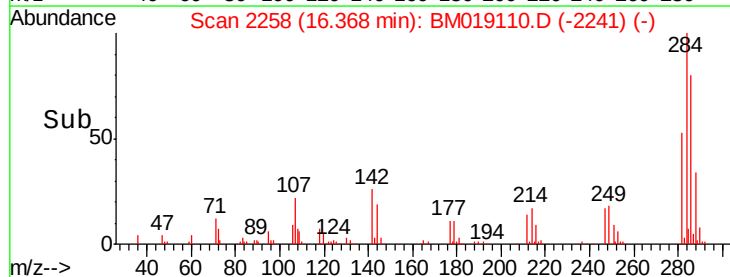
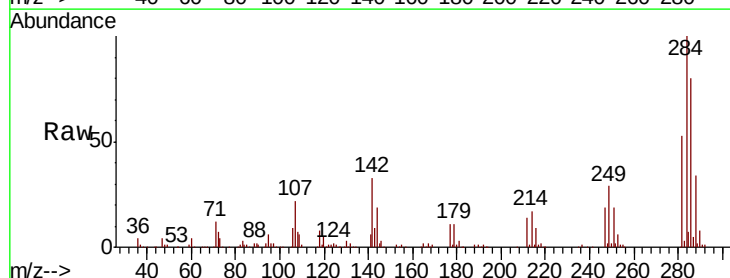
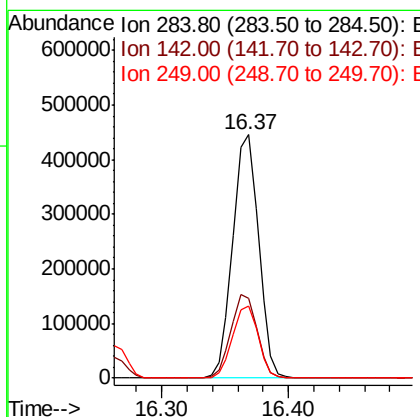
Manual Integrations
APPROVED

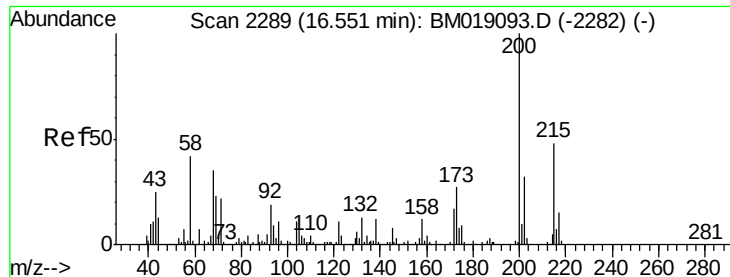
Sohil
3/13/2019 10:44:56 AM



#68
Hexachlorobenzene
Concen: 39.808 ng
RT: 16.37 min Scan# 2258
Delta R.T. -0.00 min
Lab File: BM019110.D
Acq: 12 Mar 2019 14:03

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.0	26.3	39.5
249	29.4	24.1	36.1





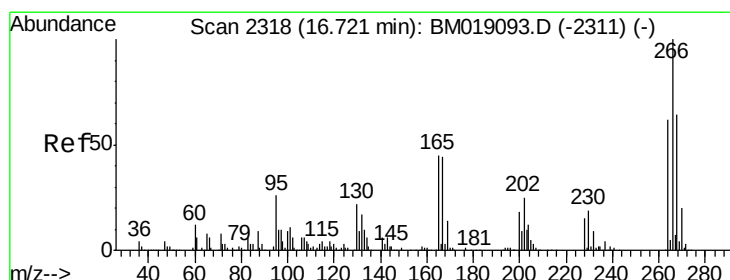
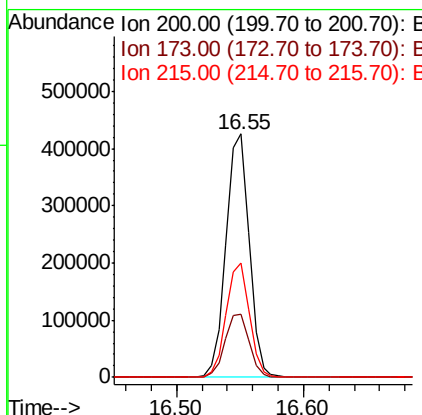
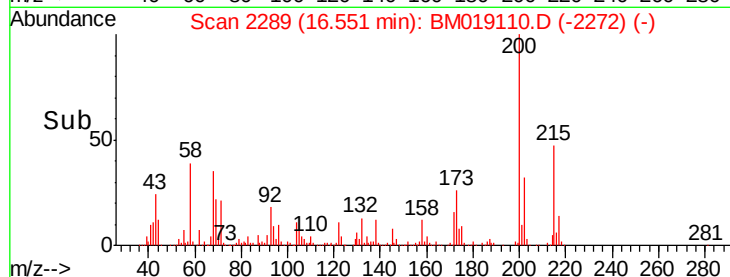
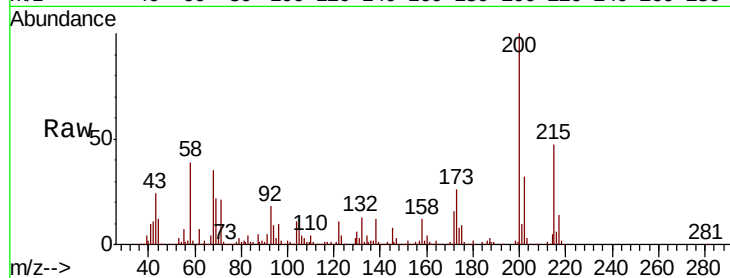
#69
Atrazine
Concen: 41.818 ng
RT: 16.55 min Scan# 2289
Delta R.T. -0.00 min
Lab File: BM019110.D
Acq: 12 Mar 2019 14:03

Instrument :
BNA_M
ClientSampled :
PB117788BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.1	7.0	47.0
215	47.2	27.7	67.7

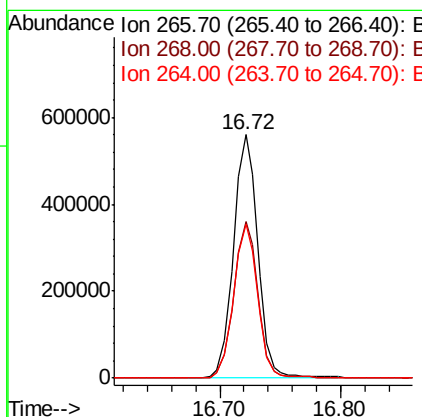
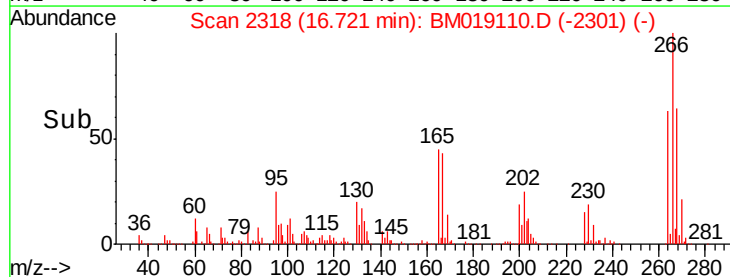
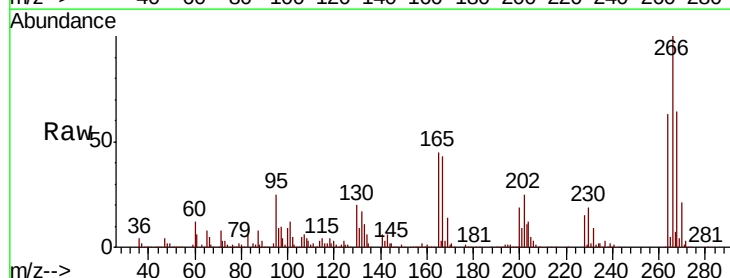
Manual Integrations
APPROVED

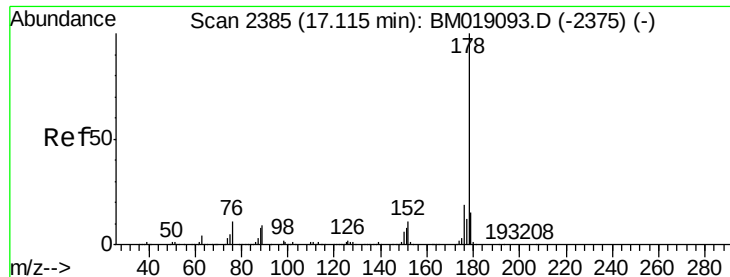
Sohil
3/13/2019 10:44:56 AM



#70
Pentachlorophenol
Concen: 82.898 ng
RT: 16.72 min Scan# 2318
Delta R.T. -0.00 min
Lab File: BM019110.D
Acq: 12 Mar 2019 14:03

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.4	51.3	76.9
264	63.3	50.0	75.0





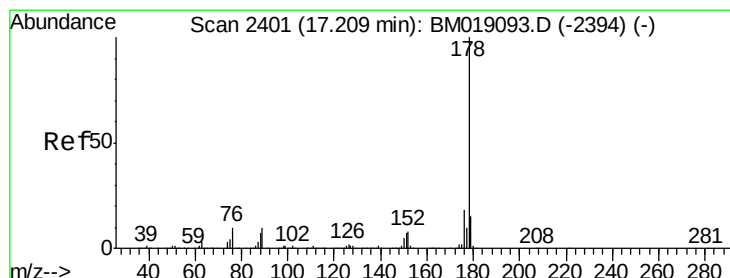
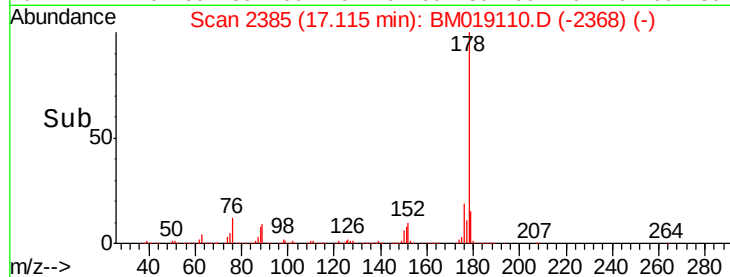
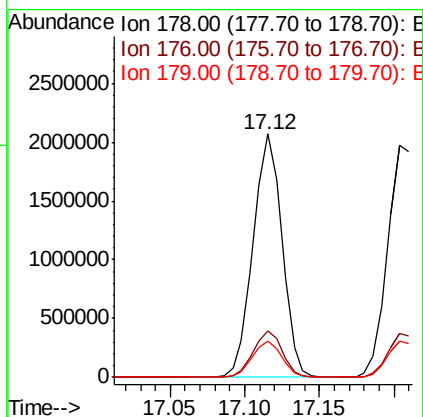
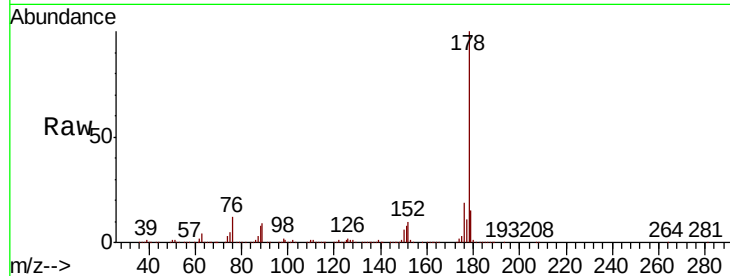
#71
Phenanthrene
Concen: 39.203 ng
RT: 17.12 min Scan# 2385
Delta R.T. -0.00 min
Lab File: BM019110.D
Acq: 12 Mar 2019 14:03

Instrument :
BNA_M
ClientSampleId :
PB117788BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	15.0	12.2	18.2

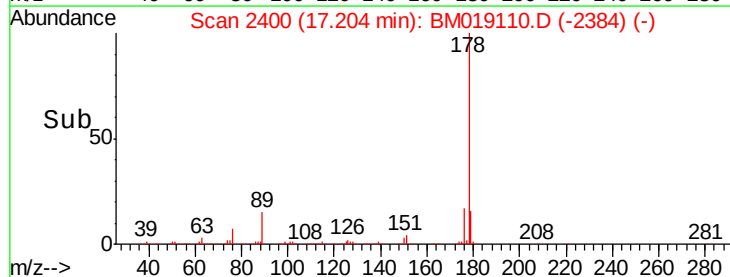
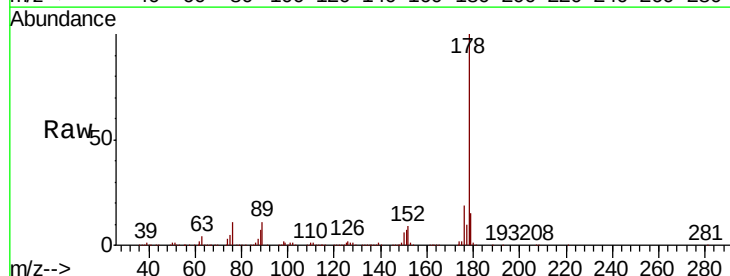
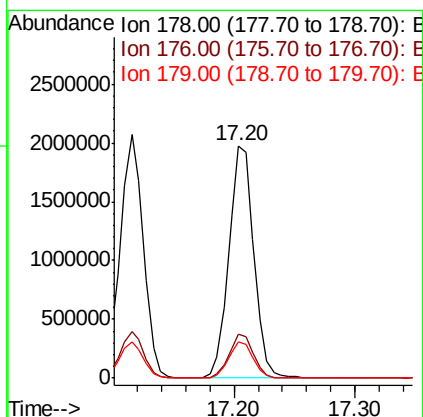
Manual Integrations
APPROVED

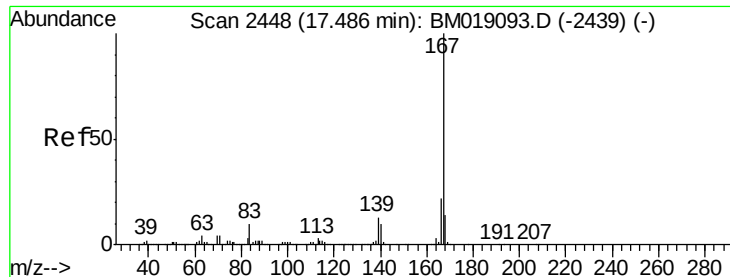
Sohil
3/13/2019 10:44:56 AM



#72
Anthracene
Concen: 40.799 ng
RT: 17.20 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BM019110.D
Acq: 12 Mar 2019 14:03

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.6	22.0
179	15.4	11.9	17.9





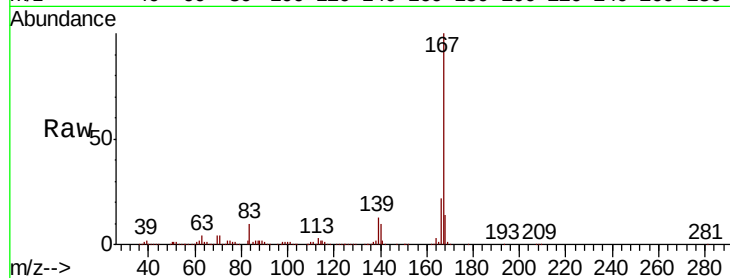
#73
 Carbazole
 Concen: 39.881 ng
 RT: 17.49 min Scan# 2448
 Delta R.T. -0.00 min
 Lab File: BM019110.D
 Acq: 12 Mar 2019 14:03

Instrument :
 BNA_M
 ClientSampleID :
 PB117788BS

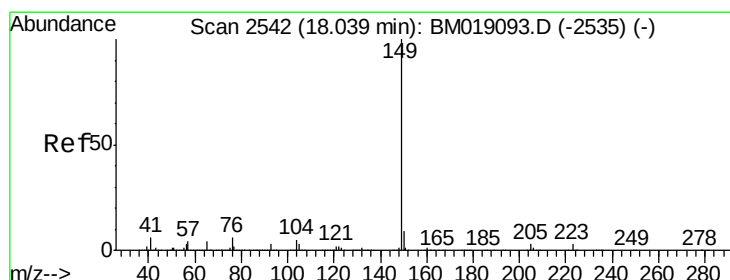
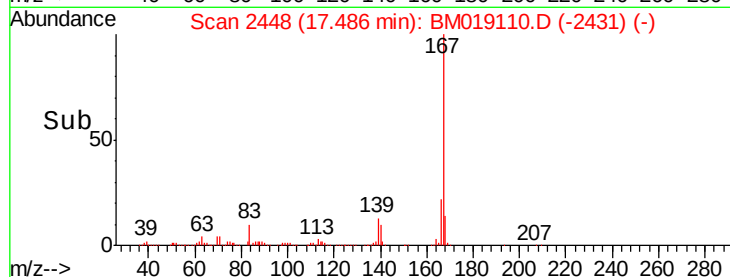
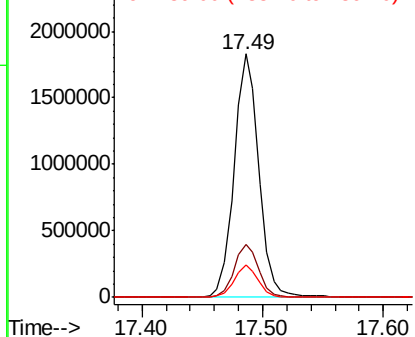
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.8	26.8
139	13.3	10.5	15.7

Manual Integrations
 APPROVED

Sohil
 3/13/2019 10:44:56 AM



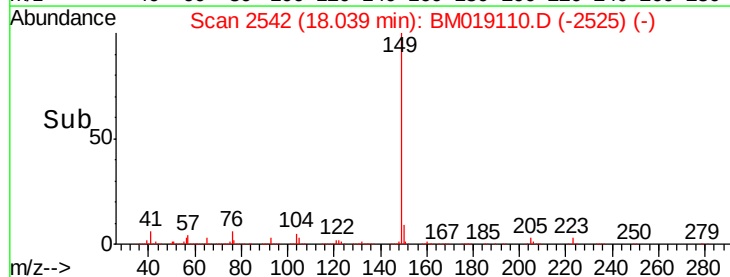
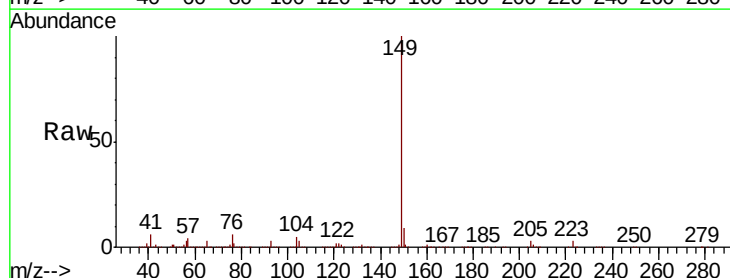
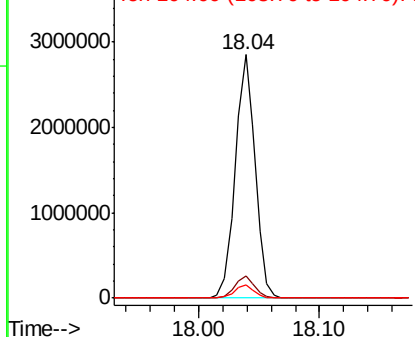
Abundance Ion 167.00 (166.70 to 167.70): E
 2500000
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

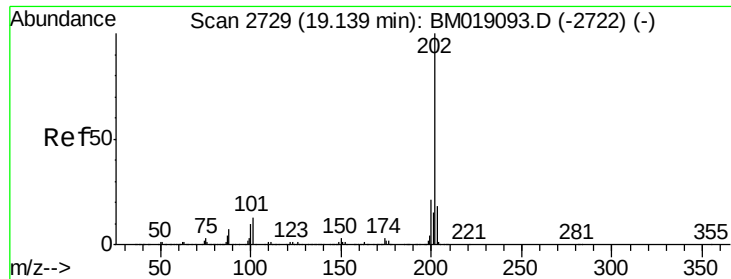


#74
 Di-n-butylphthalate
 Concen: 41.404 ng
 RT: 18.04 min Scan# 2542
 Delta R.T. -0.00 min
 Lab File: BM019110.D
 Acq: 12 Mar 2019 14:03

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.0
104	5.3	4.2	6.4

Abundance Ion 149.00 (148.70 to 149.70): E
 3000000
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 39.002 ng

RT: 19.14 min Scan# 2729

Delta R.T. -0.00 min

Lab File: BM019110.D

Acq: 12 Mar 2019 14:03

Instrument :

BNA_M

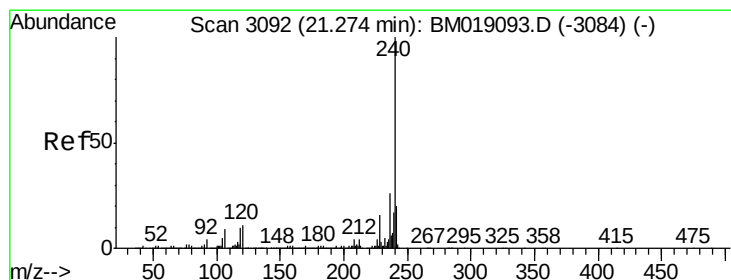
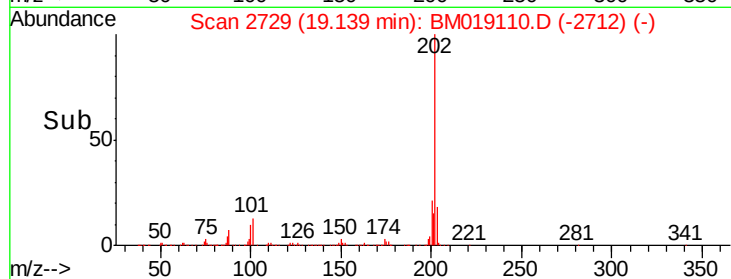
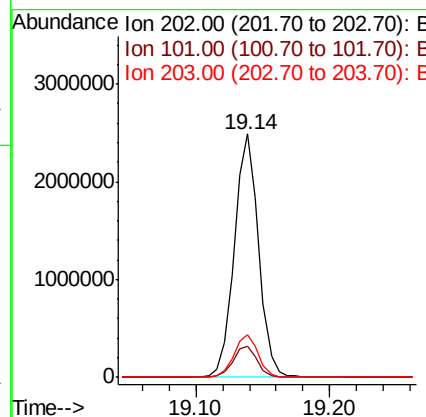
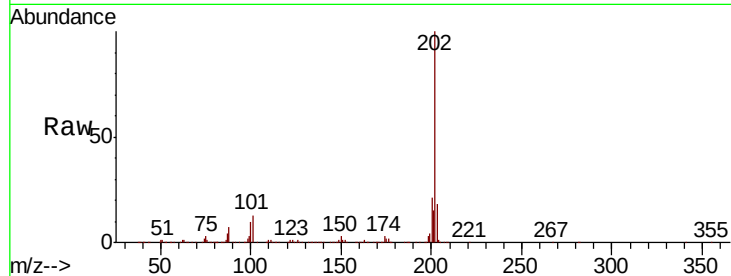
ClientSampleId :

PB117788BS

Tot Ion:	202	Resp:	3159233
Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	33.0
203	17.6	0.0	37.8

Manual Integrations
APPROVED

Sohil
3/13/2019 10:44:56 AM



#76

Chrysene-d12

Concen: 20.000 ng

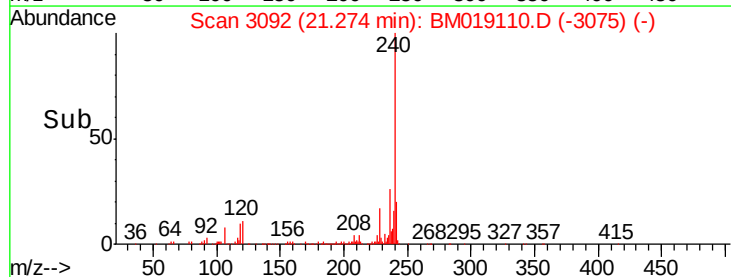
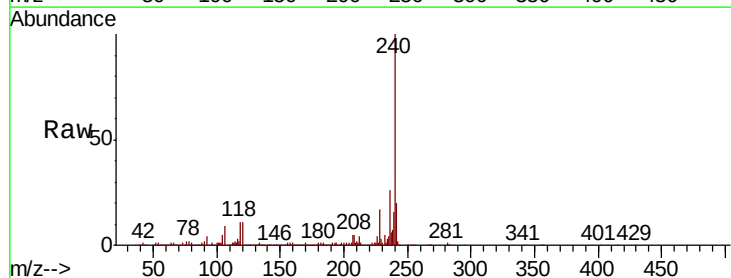
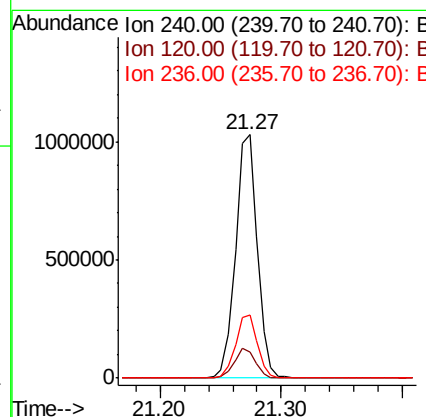
RT: 21.27 min Scan# 3092

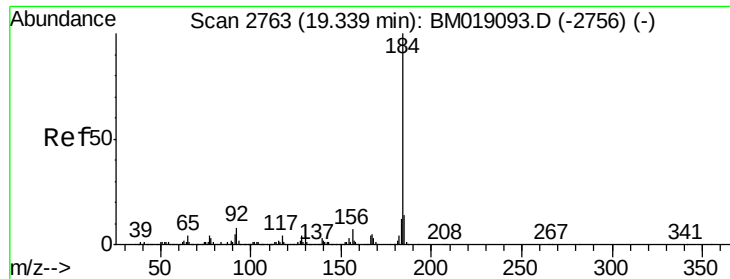
Delta R.T. -0.00 min

Lab File: BM019110.D

Acq: 12 Mar 2019 14:03

Tgt Ion:	240	Resp:	1287770
Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.9	13.3
236	25.9	21.0	31.4





#77

Benzidine

Concen: 43.644 ng

RT: 19.34 min Scan# 2763

Delta R.T. -0.00 min

Lab File: BM019110.D

Acq: 12 Mar 2019 14:03

Instrument :

BNA_M

ClientSampleId :

PB117788BS

Tot Ion:184 Resp: 1593972

Ion Ratio Lower Upper

184 100

185 14.1 11.0 16.4

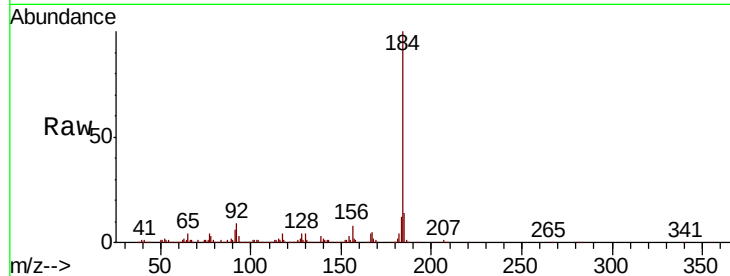
183 12.4 9.8 14.6

Manual Integrations

APPROVED

Sohil

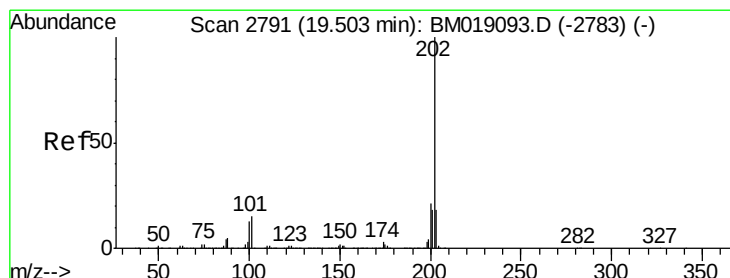
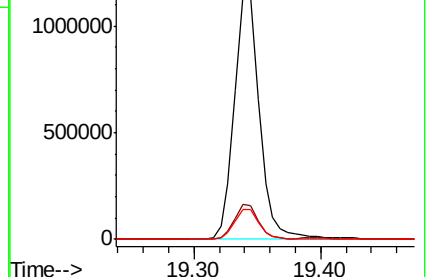
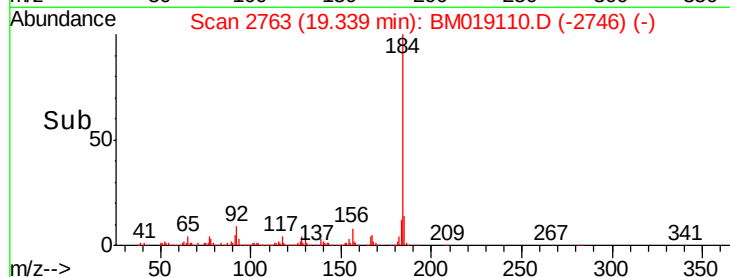
3/13/2019 10:44:56 AM



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: 39.843 ng

RT: 19.50 min Scan# 2791

Delta R.T. -0.00 min

Lab File: BM019110.D

Acq: 12 Mar 2019 14:03

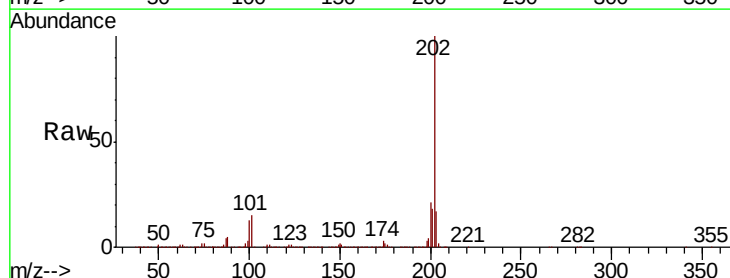
Tgt Ion:202 Resp: 3246336

Ion Ratio Lower Upper

202 100

200 20.9 16.9 25.3

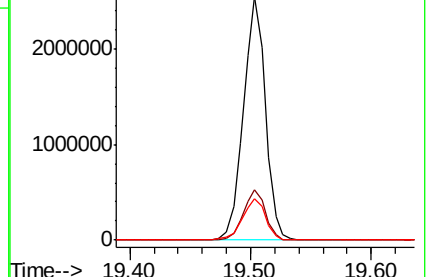
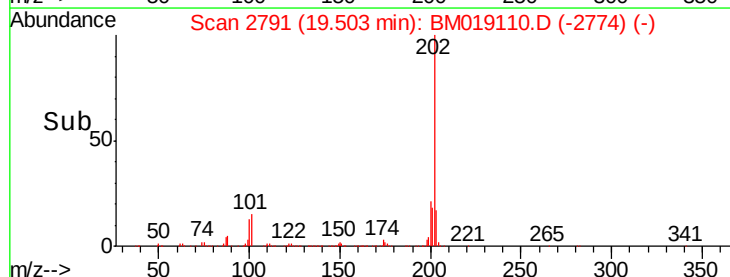
203 17.2 14.0 21.0

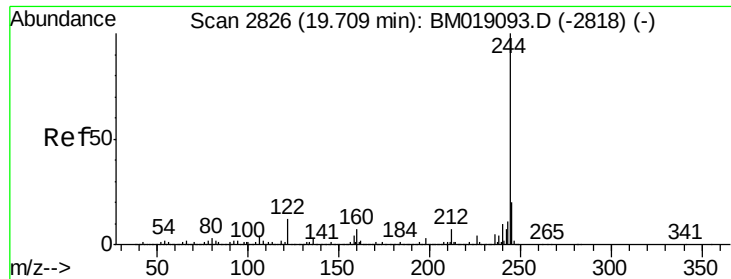


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





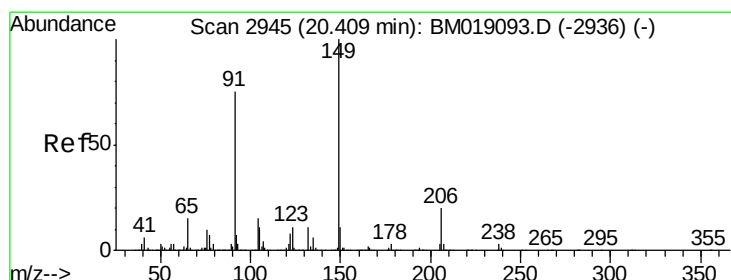
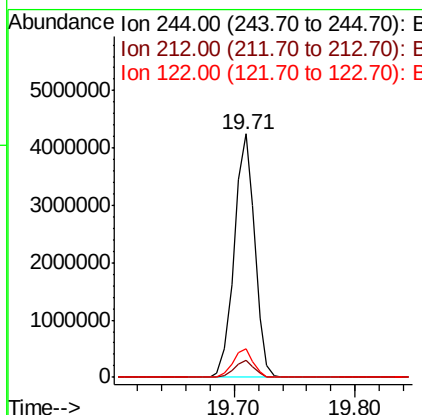
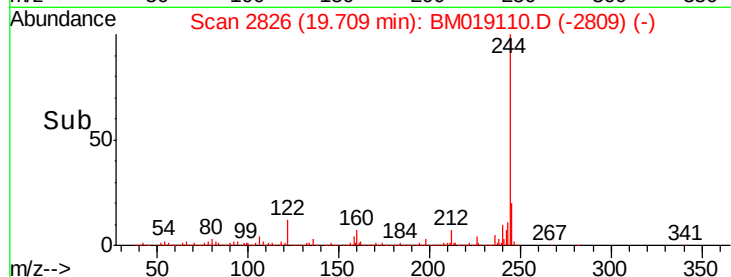
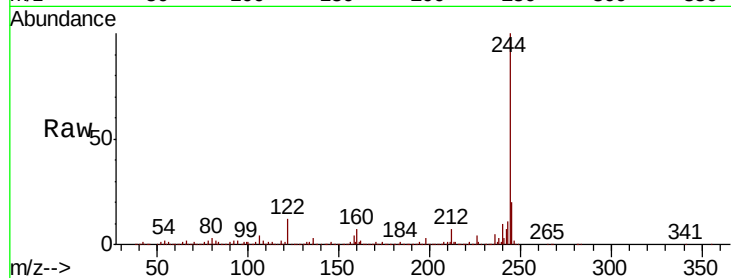
#79
 Terphenyl-d14
 Concen: 77.319 ng
 RT: 19.71 min Scan# 2826
 Delta R.T. -0.00 min
 Lab File: BM019110.D
 Acq: 12 Mar 2019 14:03

Instrument :
 BNA_M
 ClientSampleId :
 PB117788BS

Tot Ion:244 Resp: 5015542
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 11.8 9.4 14.2

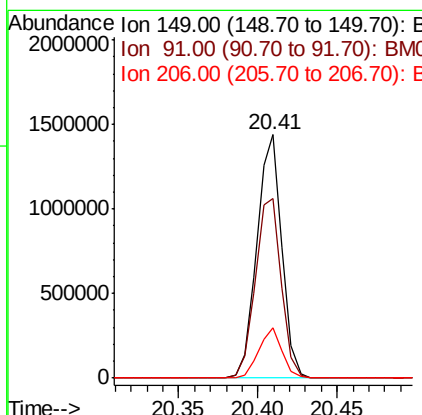
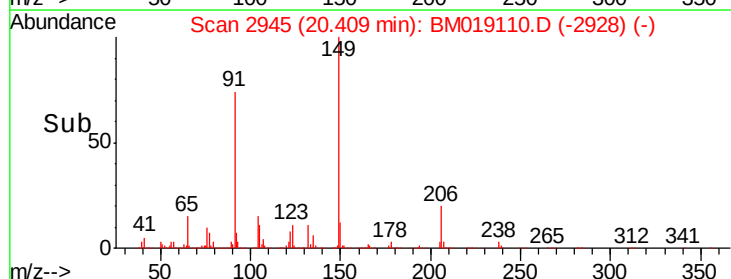
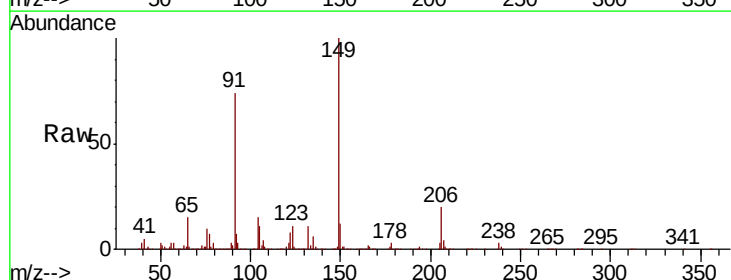
Manual Integrations
 APPROVED

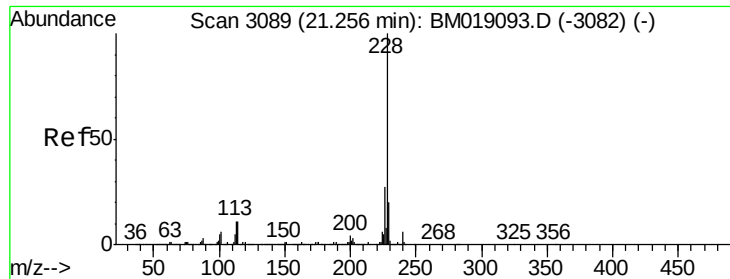
Sohil
 3/13/2019 10:44:56 AM



#80
 Butylbenzylphthalate
 Concen: 44.300 ng
 RT: 20.41 min Scan# 2945
 Delta R.T. -0.00 min
 Lab File: BM019110.D
 Acq: 12 Mar 2019 14:03

Tgt Ion:149 Resp: 1572159
 Ion Ratio Lower Upper
 149 100
 91 73.7 60.1 90.1
 206 20.5 16.2 24.2





#81

Benzo(a)anthracene

Concen: 38.549 ng

RT: 21.26 min Scan# 3089

Delta R.T. -0.00 min

Lab File: BM019110.D

Acq: 12 Mar 2019 14:03

Instrument :

BNA_M

ClientSampleId :

PB117788BS

Tot Ion:228 Resp: 3114402

Ion Ratio Lower Upper

228 100

226 27.2 21.8 32.8

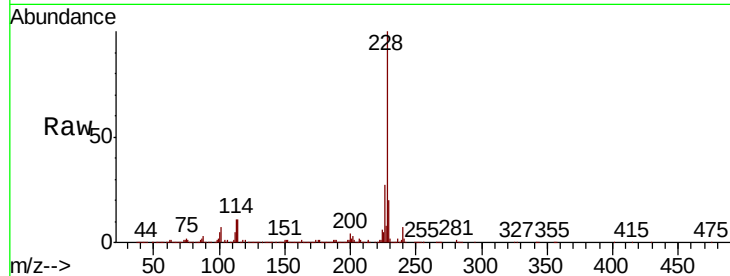
229 19.9 15.8 23.6

Manual Integrations

APPROVED

Sohil

3/13/2019 10:44:56 AM

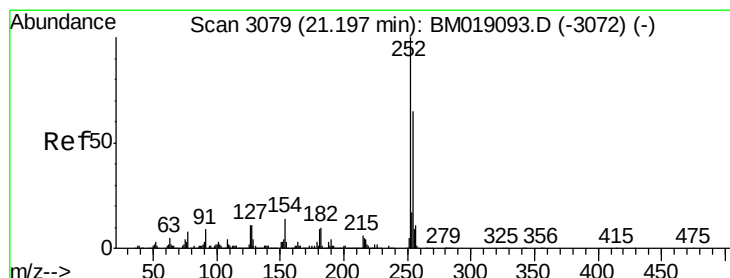
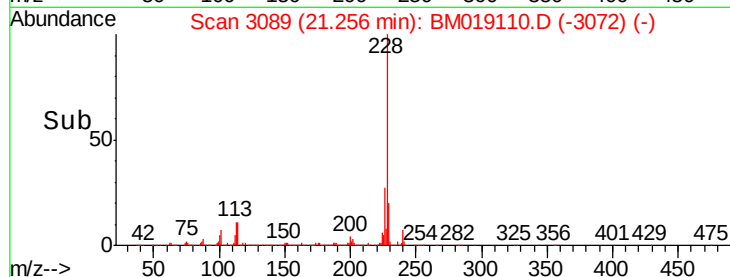
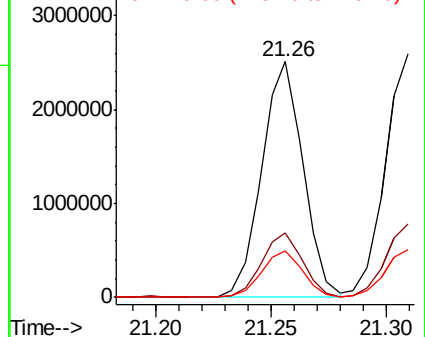


Abundance

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: 29.966 ng

RT: 21.20 min Scan# 3079

Delta R.T. -0.00 min

Lab File: BM019110.D

Acq: 12 Mar 2019 14:03

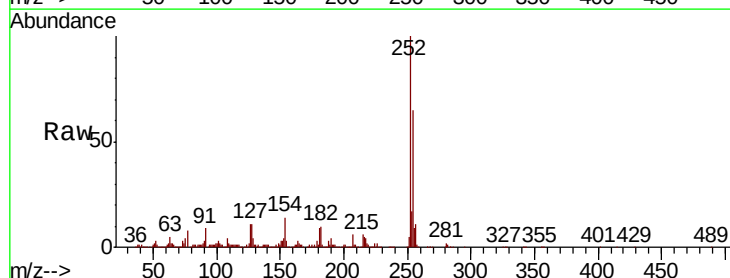
Tgt Ion:252 Resp: 932640

Ion Ratio Lower Upper

252 100

254 64.9 52.4 78.6

126 11.2 9.0 13.6

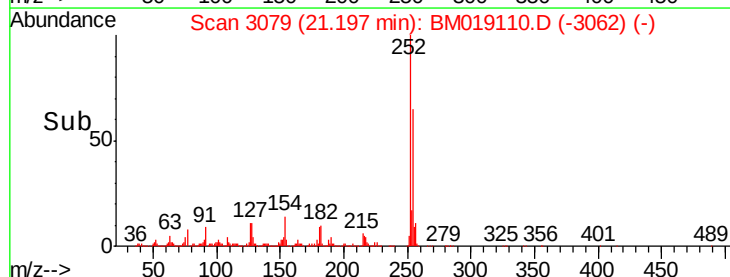
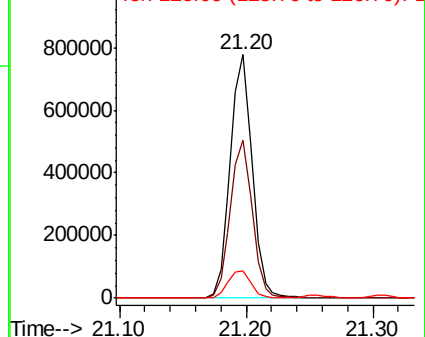


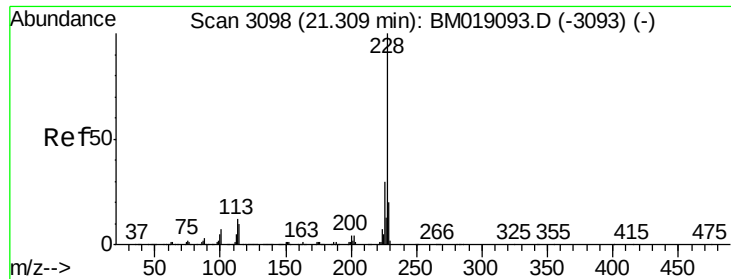
Abundance

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





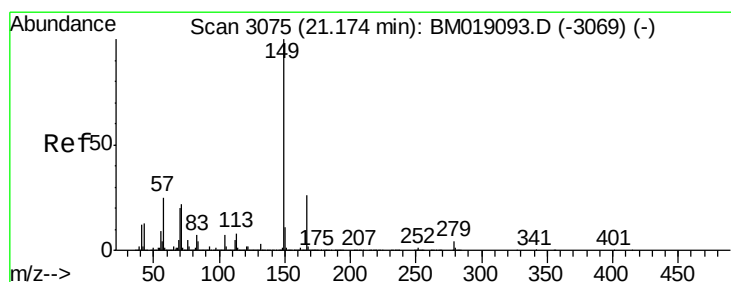
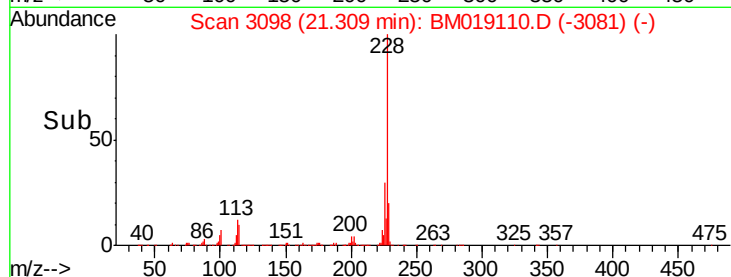
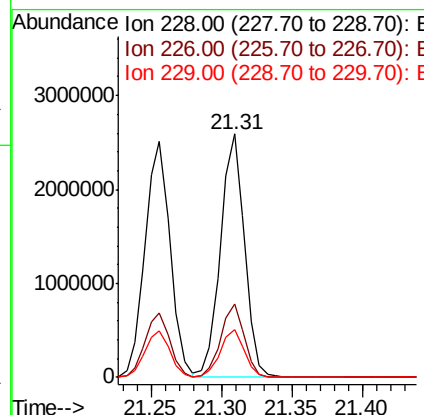
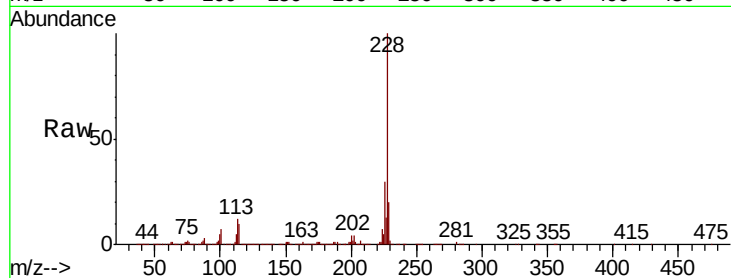
#83
Chrysene
Concen: 39.152 ng
RT: 21.31 min Scan# 3098
Delta R.T. -0.00 min
Lab File: BM019110.D
Acq: 12 Mar 2019 14:03

Instrument :
BNA_M
ClientSampleId :
PB117788BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.8	35.8
229	19.7	15.7	23.5

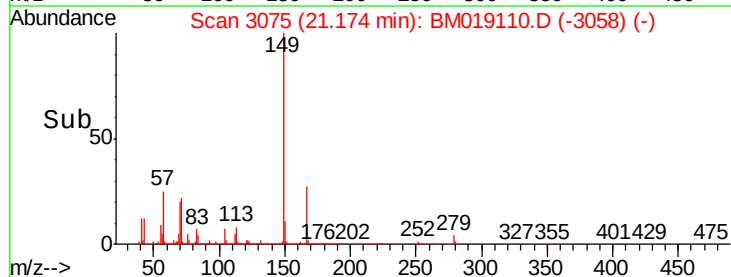
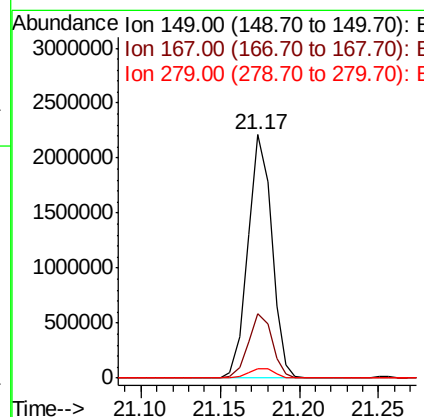
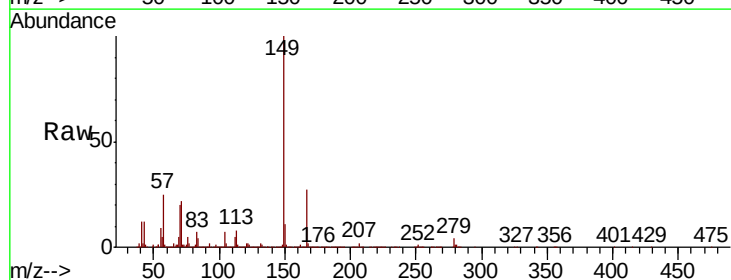
Manual Integrations
APPROVED

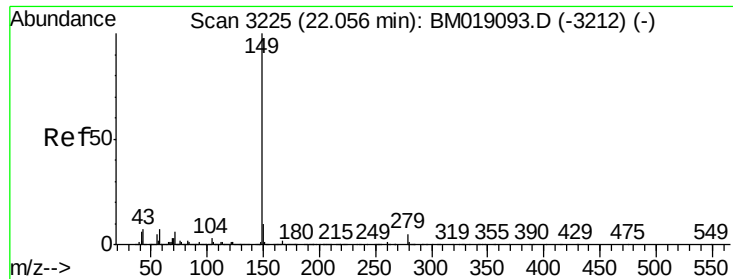
Sohil
3/13/2019 10:44:56 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.592 ng
RT: 21.17 min Scan# 3075
Delta R.T. -0.00 min
Lab File: BM019110.D
Acq: 12 Mar 2019 14:03

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.1	31.7
279	4.1	3.2	4.8





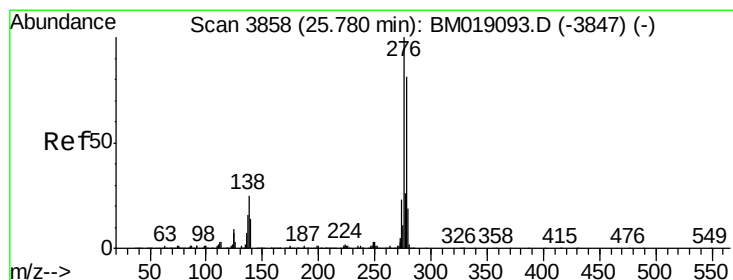
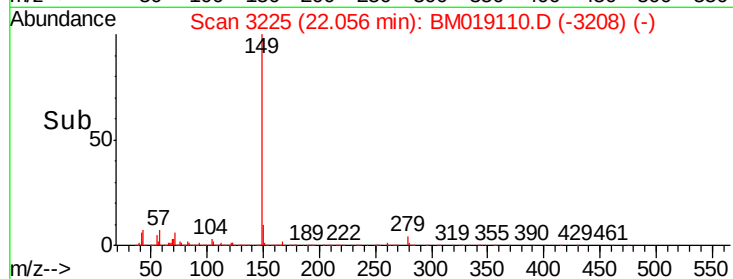
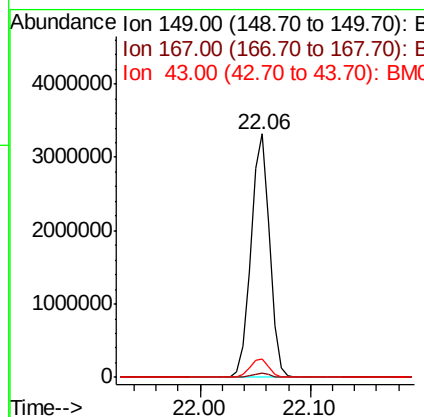
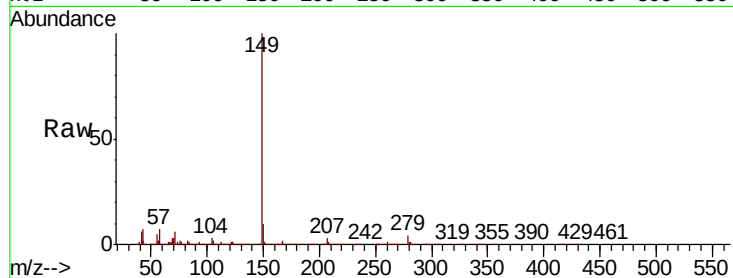
#85
Di-n-octyl phthalate
Concen: 45.152 ng
RT: 22.06 min Scan# 3225
Delta R.T. -0.00 min
Lab File: BM019110.D
Acq: 12 Mar 2019 14:03

Instrument :
BNA_M
ClientSampleId :
PB117788BS

Tot Ion	Ion	Ratio	Lower	Upper
149	100			
167	1.5	1.3	1.9	
43	7.6	6.1	9.1	

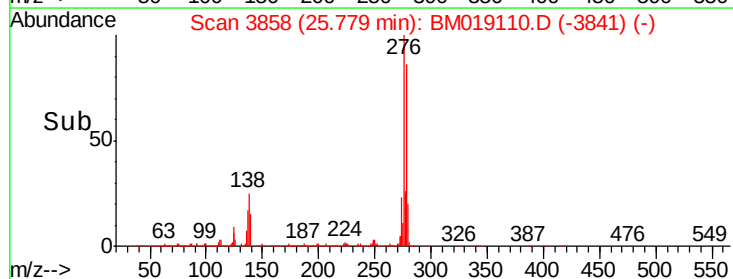
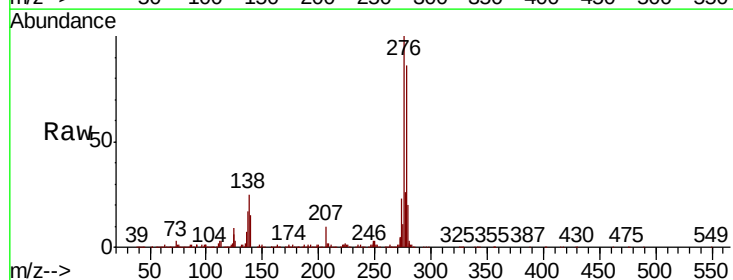
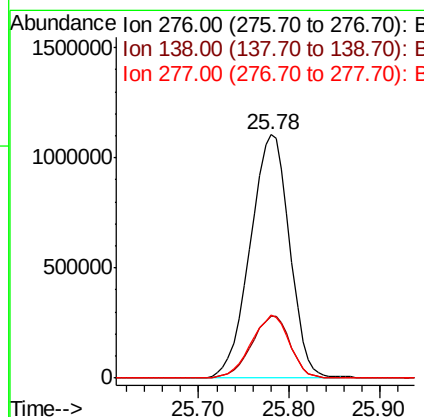
Manual Integrations
APPROVED

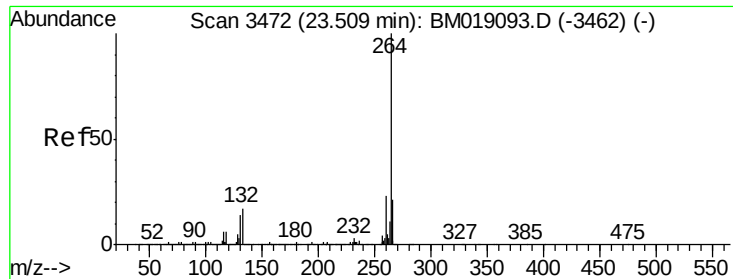
Sohil
3/13/2019 10:44:56 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 39.528 ng
RT: 25.78 min Scan# 3858
Delta R.T. -0.00 min
Lab File: BM019110.D
Acq: 12 Mar 2019 14:03

Tgt Ion	Ion	Ratio	Lower	Upper
276	100			
138	25.0	19.8	29.8	
277	25.4	20.3	30.5	





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.51 min Scan# 3472

Delta R.T. -0.00 min

Lab File: BM019110.D

Acq: 12 Mar 2019 14:03

Instrument :

BNA_M

ClientSampleId :

PB117788BS

Tot Ion:264 Resp: 1189546

Ion Ratio Lower Upper

264 100

260 23.2 18.6 28.0

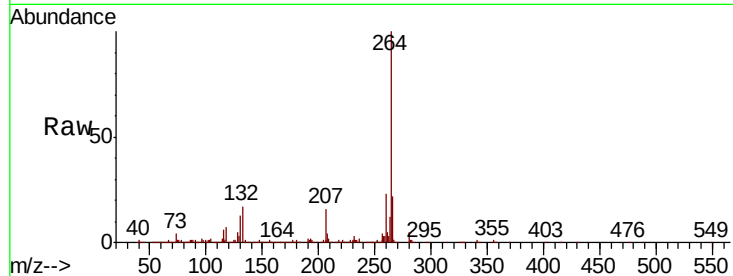
265 22.3 17.3 25.9

Manual Integrations

APPROVED

Sohil

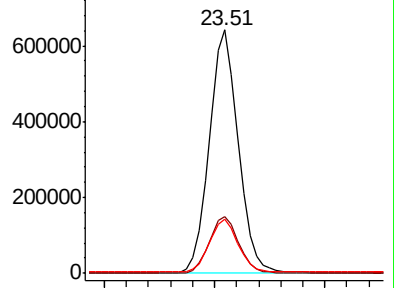
3/13/2019 10:44:56 AM



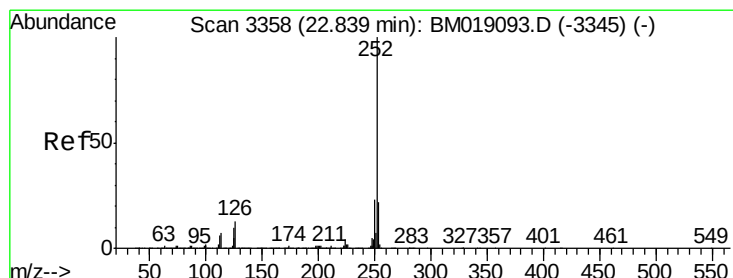
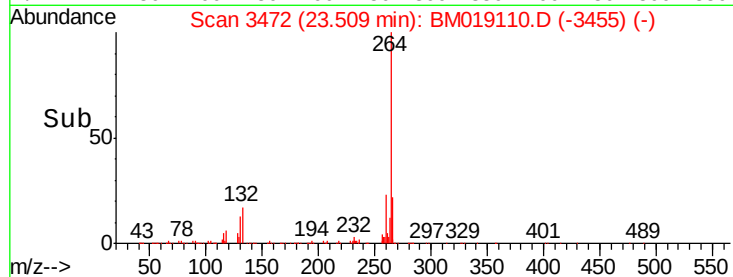
Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



Time-->



#88

Benzo(b)fluoranthene

Concen: 41.778 ng

RT: 22.84 min Scan# 3358

Delta R.T. -0.00 min

Lab File: BM019110.D

Acq: 12 Mar 2019 14:03

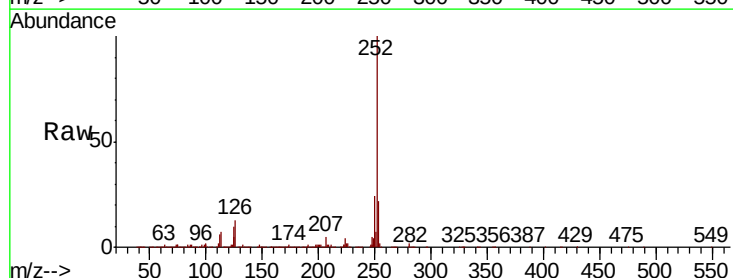
Tgt Ion:252 Resp: 3220249

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

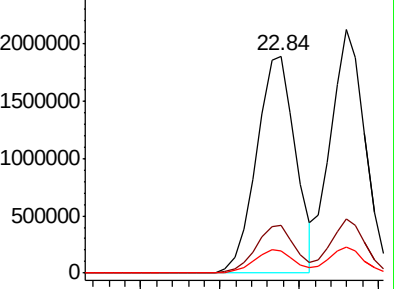
125 10.4 8.1 12.1



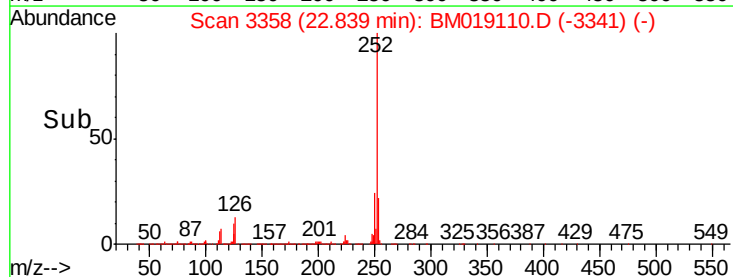
Abundance Ion 252.00 (251.70 to 252.70): E

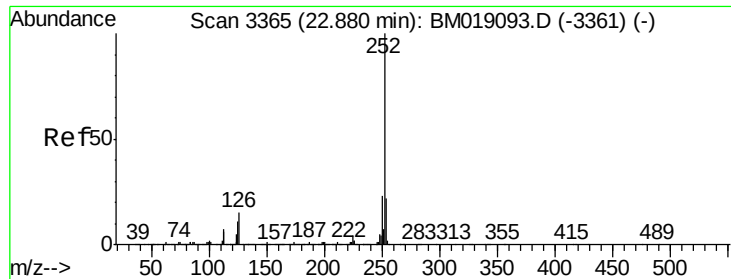
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->





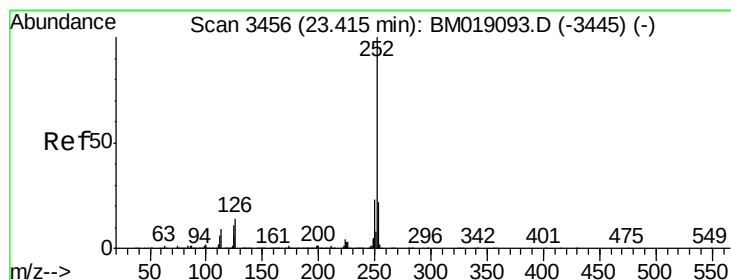
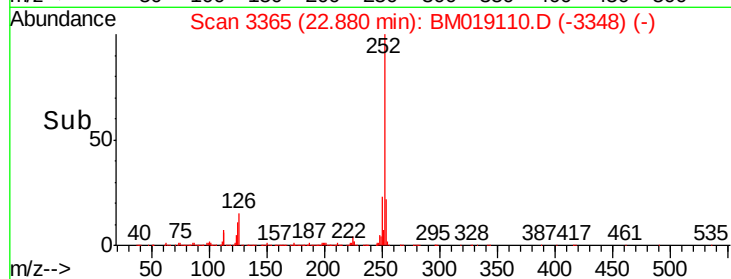
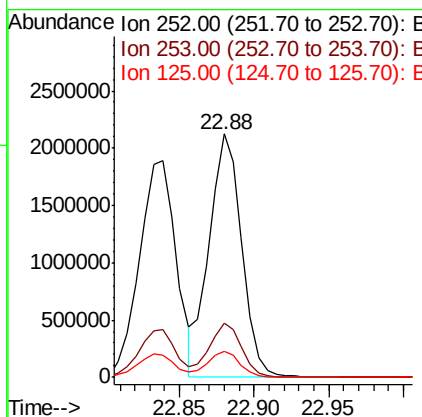
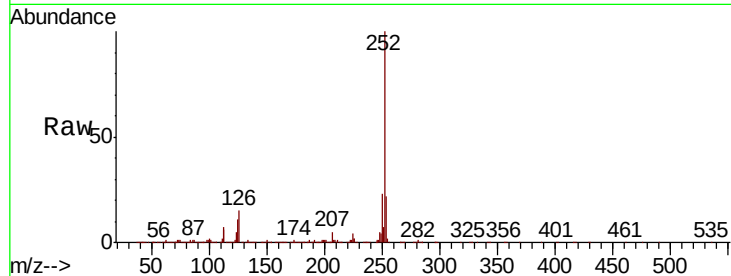
#89
Benzo(k)fluoranthene
Concen: 45.477 ng
RT: 22.88 min Scan# 3365
Delta R.T. -0.00 min
Lab File: BM019110.D
Acq: 12 Mar 2019 14:03

Instrument :
BNA_M
ClientSampleId :
PB117788BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.6	26.4
125	10.9	8.8	13.2

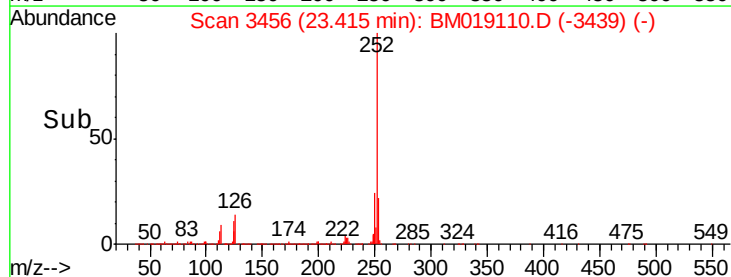
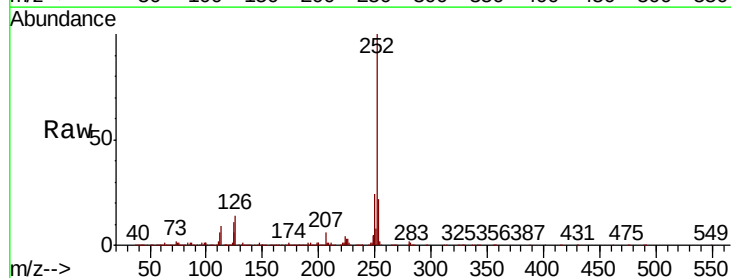
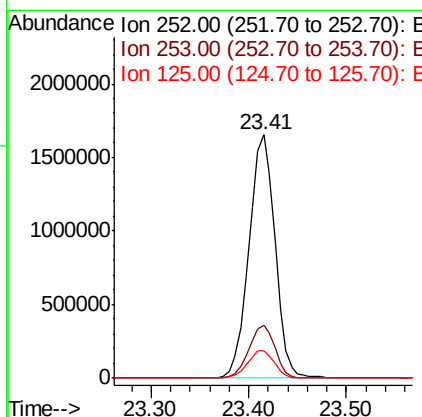
Manual Integrations
APPROVED

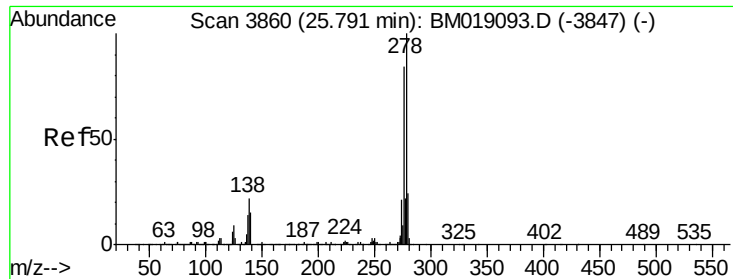
Sohil
3/13/2019 10:44:56 AM



#90
Benzo(a)pyrene
Concen: 44.314 ng
RT: 23.41 min Scan# 3456
Delta R.T. -0.00 min
Lab File: BM019110.D
Acq: 12 Mar 2019 14:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.2
125	11.1	9.2	13.8





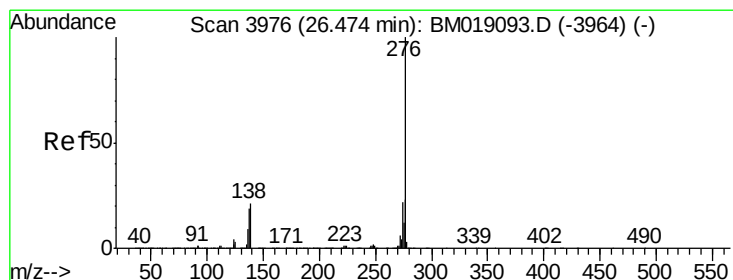
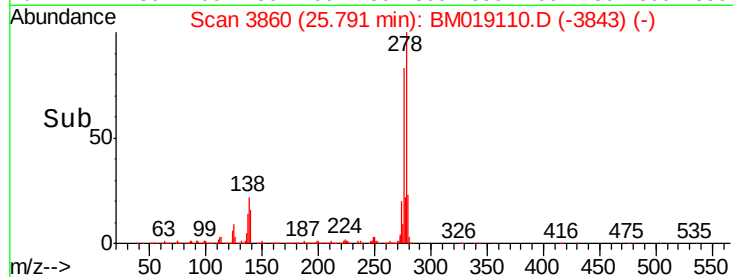
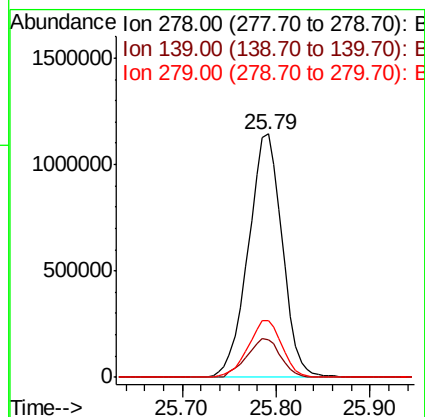
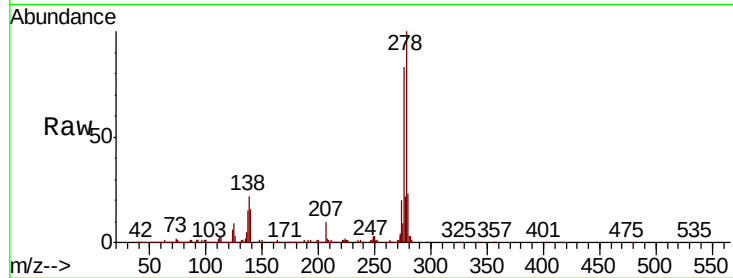
#91
Dibenzo(a,h)anthracene
Concen: 43.145 ng
RT: 25.79 min Scan# 3860
Delta R.T. -0.00 min
Lab File: BM019110.D
Acq: 12 Mar 2019 14:03

Instrument :
BNA_M
ClientSampleId :
PB117788BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.5	12.3	18.5
279	23.4	18.9	28.3

Manual Integrations
APPROVED

Sohil
3/13/2019 10:44:56 AM



#92
Benzo(g,h,i)perylene
Concen: 42.838 ng
RT: 26.48 min Scan# 3977
Delta R.T. 0.01 min
Lab File: BM019110.D
Acq: 12 Mar 2019 14:03

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.8	28.2
138	21.5	17.0	25.4

