

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082218\
 Data File : BM016547.D
 Acq On : 23 Aug 2018 09:40
 Operator : SJ/JU
 Sample : PB112169BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 2

Instrument :
 BNA_M
 ClientSampleId :
 PB112169BS

Manual Integrations
 APPROVED

Sohil
 8/23/2018 6:39:28 PM

Quant Time: Aug 23 11:37:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 21 16:31:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	305171	40.00	ng	-0.01
21) Naphthalene-d8	10.82	136	1223091	40.00	ng	0.00
38) Acenaphthene-d10	14.66	164	1015104	40.00	ng	-0.01
63) Phenanthrene-d10	17.40	188	3245250	40.00	ng	0.00
75) Chrysene-d12	21.54	240	4135954	40.00	ng	0.00
86) Perylene-d12	23.83	264	3910640	40.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	1017452	130.67	ng	0.00
7) Phenol-d6	7.19	99	1306156	126.76	ng	0.00
23) Nitrobenzene-d5	9.20	82	1153869	86.15	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	2112344	148.88	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	4778809	90.50	ng	0.00
78) Terphenyl-d14	19.99	244	10042250	102.78	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.38	88	127521	29.644	ng	# 100
3) Pyridine	3.80	79	259942	29.043	ng	# 79
4) n-Nitrosodimethylamine	3.73	42	173420	43.493	ng	# 68
6) Aniline	7.35	93	312895	27.137	ng	# 90
8) 2-Chlorophenol	7.57	128	383246	41.363	ng	96
9) Benzaldehyde	7.16	77	244888m	34.246	ng	
10) Phenol	7.22	94	394316	38.696	ng	94
11) bis(2-Chloroethyl)ether	7.45	93	266629	34.894	ng	98
12) 1,3-Dichlorobenzene	7.89	146	437583	35.621	ng	# 87
13) 1,4-Dichlorobenzene	8.05	146	441629	35.031	ng	94
14) 1,2-Dichlorobenzene	8.36	146	448034	36.174	ng	96
15) Benzyl Alcohol	8.27	79	351628	36.748	ng	# 78
16) 2,2'-oxybis(1-Chloropropan	8.53	45	177409	33.718	ng	# 39
17) 2-Methylphenol	8.47	107	285928	38.749	ng	# 75
18) Hexachloroethane	9.07	117	233495	40.203	ng	# 43
19) n-Nitroso-di-n-propylamine	8.83	70	289931	35.889	ng	# 83
20) 3+4-Methylphenols	8.80	107	385963	37.830	ng	# 80
22) Acetophenone	8.86	105	558758	37.943	ng	99
24) Nitrobenzene	9.25	77	509152	38.046	ng	91
25) Isophorone	9.76	82	806316	45.043	ng	# 93
26) 2-Nitrophenol	9.95	139	216029	37.760	ng	# 43
27) 2,4-Dimethylphenol	10.00	122	352163	47.234	ng	# 75
28) bis(2-Chloroethoxy)methane	10.24	93	431083	40.342	ng	# 96
29) 2,4-Dichlorophenol	10.48	162	535413	47.983	ng	92
30) 1,2,4-Trichlorobenzene	10.68	180	797220	47.084	ng	# 95
31) Naphthalene	10.87	128	1201104	41.223	ng	98
32) Benzoic acid	10.23	122	212111	34.003	ng	# 61
33) 4-Chloroaniline	11.01	127	180862	14.750	ng	# 83
34) Hexachlorobutadiene	11.12	225	781287	48.345	ng	99
35) Caprolactam	11.84	113	98350m	36.732	ng	
36) 4-Chloro-3-methylphenol	12.13	107	442771	41.275	ng	93
37) 2-Methylnaphthalene	12.47	142	1091312	47.844	ng	# 88
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	1243702	43.387	ng	# 100
40) Hexachlorocyclopentadiene	12.80	237	1554145	129.350	ng	98

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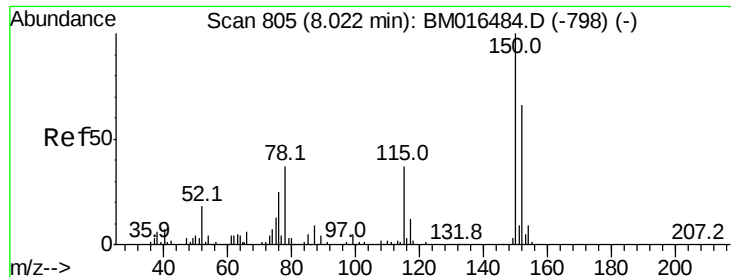
Manual Integrations
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Sohil
 8/23/2018 6:39:28 PM

Quant Time: Aug 23 11:37:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 21 16:31:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	741376	43.250	nq	99
43) 2,4,5-Trichlorophenol	13.18	196	774806m	46.273	nq	
45) 1,1'-Biphenyl	13.49	154	1584183	35.596	nq	98
46) 2-Chloronaphthalene	13.54	162	1333521	36.881	nq	98
47) 2-Nitroaniline	13.77	65	308083	31.990	nq	84
48) Acenaphthylene	14.38	152	1962538	38.452	nq	99
49) Dimethylphthalate	14.12	163	1869627	38.342	nq	# 98
50) 2,6-Dinitrotoluene	14.26	165	367754	38.666	nq	# 84
51) Acenaphthene	14.72	154	1151582	36.727	nq	96
52) 3-Nitroaniline	14.60	138	156144m	18.043	nq	
53) 2,4-Dinitrophenol	14.82	184	353922	74.359	nq	# 73
54) Dibenzofuran	15.06	168	2421302	40.339	nq	94
55) 4-Nitrophenol	14.92	139	367082	66.504	nq	# 81
56) 2,4-Dinitrotoluene	15.06	165	613658	38.693	nq	# 96
57) Fluorene	15.70	166	1967123	43.382	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.29	232	731151	45.432	nq	# 100
59) Diethylphthalate	15.47	149	1823426	35.864	nq	94
60) 4-Chlorophenyl-phenylether	15.69	204	1589525	41.801	nq	# 85
61) 4-Nitroaniline	15.77	138	240907	28.484	nq	# 1
62) Azobenzene	15.99	77	1956201	36.123	nq	88
64) 4,6-Dinitro-2-methylphenol	15.83	198	365075	29.611	nq	# 56
65) n-Nitrosodiphenylamine	15.92	169	1652070	36.192	nq	97
66) 4-Bromophenyl-phenylether	16.58	248	983541	39.449	nq	100
67) Hexachlorobenzene	16.70	284	1116001	38.383	nq	94
68) Atrazine	16.86	200	919315	44.129	nq	92
69) Pentachlorophenol	17.05	266	1002943	65.194	nq	96
70) Phenanthrene	17.44	178	3359288	40.055	nq	99
71) Anthracene	17.53	178	3437940	41.282	nq	99
72) Carbazole	17.81	167	2414963	32.268	nq	99
73) Di-n-butylphthalate	18.33	149	3021688	33.117	nq	# 96
74) Fluoranthene	19.44	202	4770344	38.794	nq	94
76) Benzidine	19.63	184	2018274	50.749	nq	98
77) Pyrene	19.80	202	4919459	43.773	nq	99
79) Butylbenzylphthalate	20.67	149	1386730	35.747	nq	# 82
80) Benzo(a)anthracene	21.53	228	5146314	42.329	nq	98
81) 3,3'-Dichlorobenzidine	21.46	252	1033624	19.099	nq	# 97
82) Chrysene	21.57	228	4563478	39.339	nq	99
83) Bis(2-ethylhexyl)phthalate	21.42	149	1995187	34.596	nq	# 96
84) Di-n-octyl phthalate	22.30	149	3220497	33.604	nq	# 92
85) Indeno(1,2,3-cd)pyrene	26.14	276	5661858	33.939	nq	# 92
87) Benzo(b)fluoranthene	23.14	252	5002791	44.384	nq	# 90
88) Benzo(k)fluoranthene	23.18	252	4879567	42.547	nq	# 93
89) Benzo(a)pyrene	23.73	252	4695459	42.813	nq	# 94
90) Dibenzo(a,h)anthracene	26.14	278	4779753	38.888	nq	# 87
91) Benzo(g,h,i)perylene	26.86	276	4318043	39.137	nq	# 80

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



#1

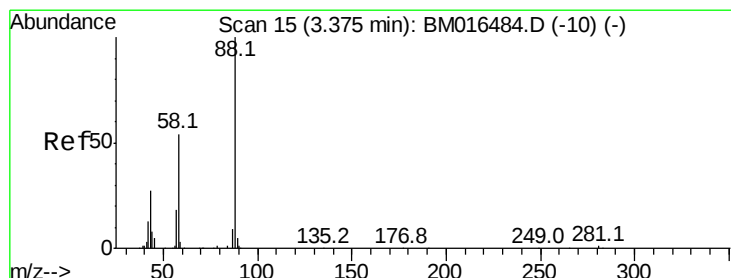
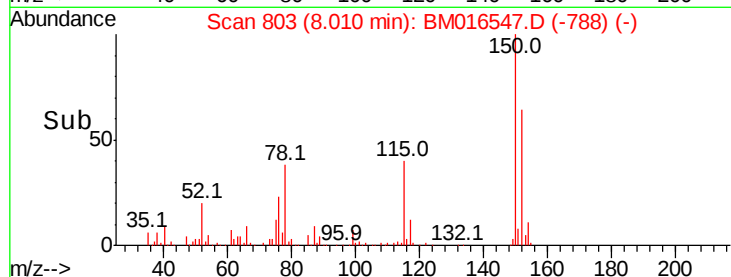
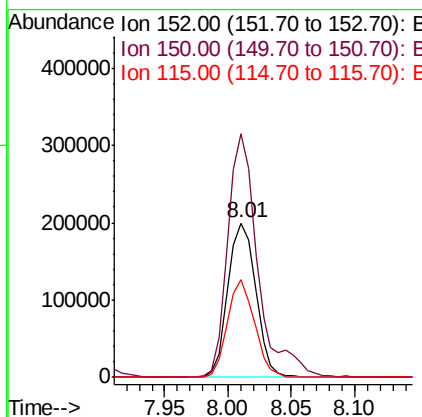
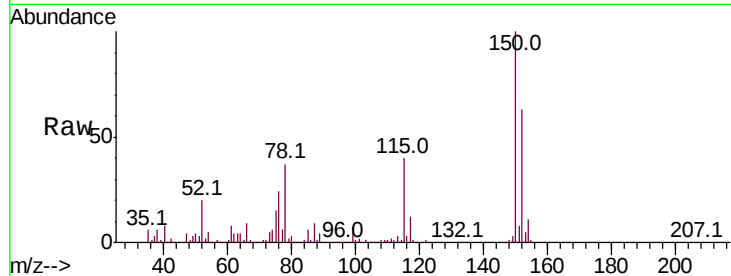
1,4-Dichlorobenzene-d4
Concen: 40.000 ng
RT: 8.01 min Scan# 803
Delta R.T. -0.01 min
Lab File: BM016547.D
Acq: 23 Aug 2018 09:40

Instrument :
BNA_M
ClientSampleId :
PB112169BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	119.5	179.3
115	63.0	43.0	64.4

Manual Integrations
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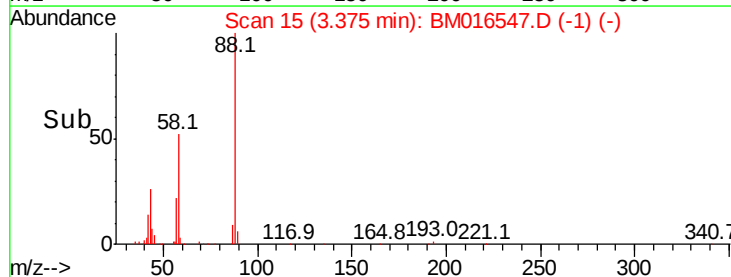
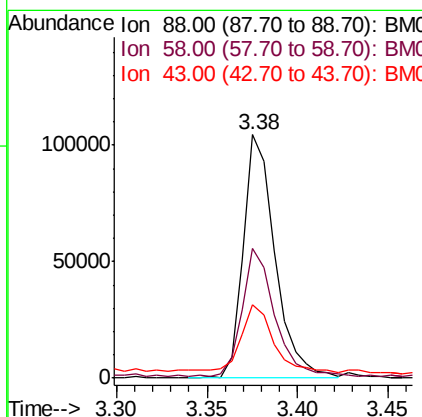
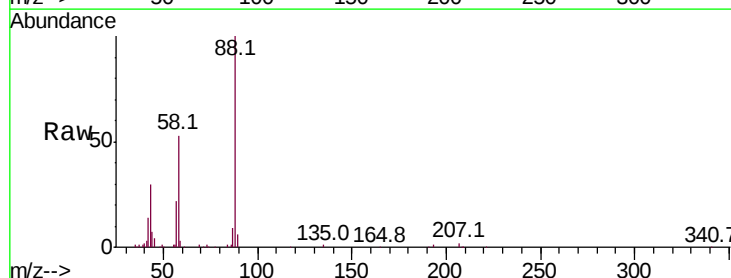
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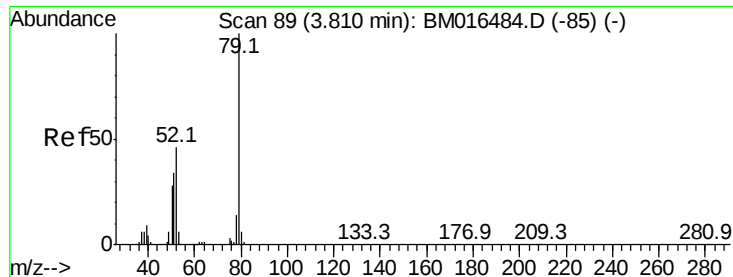


#2

1,4-Dioxane
Concen: 29.644 ng
RT: 3.38 min Scan# 15
Delta R.T. 0.00 min
Lab File: BM016547.D
Acq: 23 Aug 2018 09:40

Tgt Ion	Ratio	Lower	Upper
88	100		
58	53.3	0.0	0.0#
43	29.7	0.0	0.0#





#3

Pvridine

Concen: 29.043 ng

RT: 3.80 min Scan# 88

Delta R.T. -0.01 min

Lab File: BM016547.D

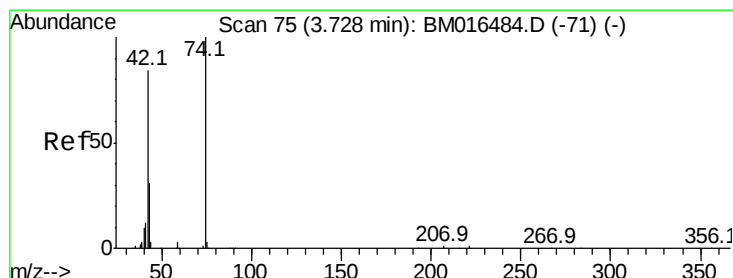
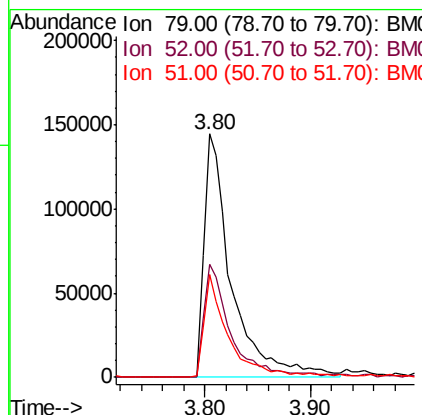
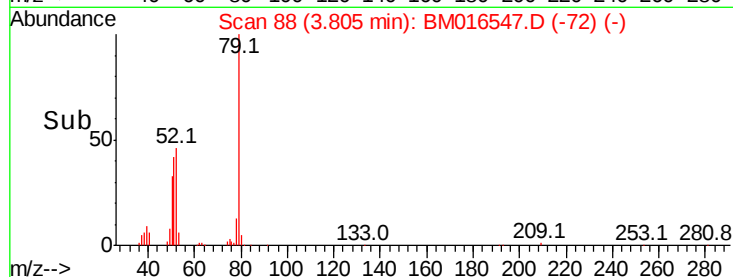
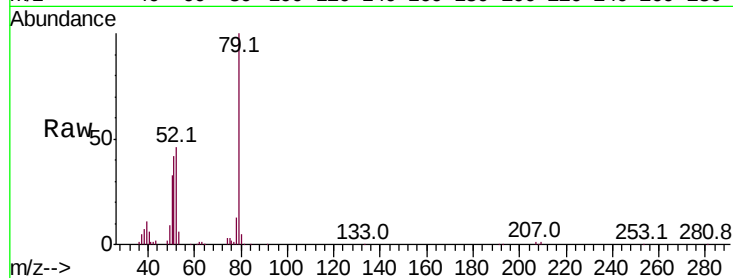
Acq: 23 Aug 2018 09:40

Instrument :
BNA_M
ClientSampleId :
PB112169BS

Tot Ion	Ratio	Resp Lower	Upper
79	100		
52	46.4	51.1	76.7#
51	42.1	26.1	39.1#

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 43.493 ng

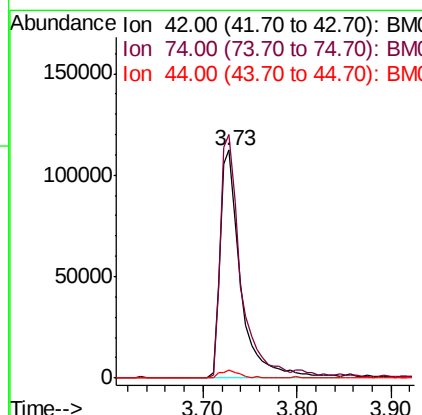
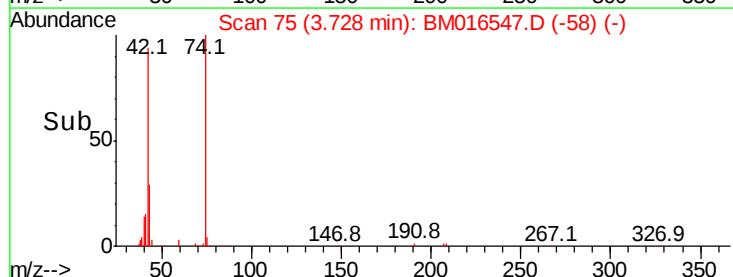
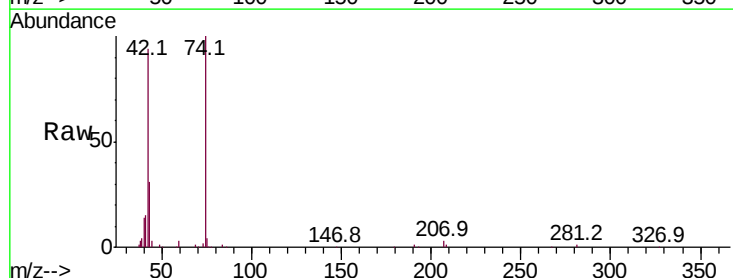
RT: 3.73 min Scan# 75

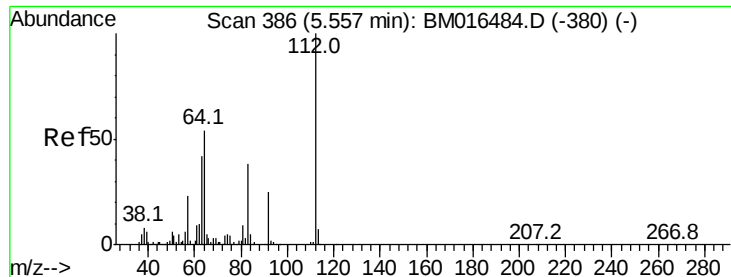
Delta R.T. 0.00 min

Lab File: BM016547.D

Acq: 23 Aug 2018 09:40

Tgt Ion	Ratio	Resp Lower	Upper
42	100		
74	106.7	119.3	178.9#
44	3.6	5.4	8.2#





#5

2-Fluorophenol

Concen: 130.667 ng

RT: 5.55 min Scan# 385

Delta R.T. -0.01 min

Lab File: BM016547.D

Acq: 23 Aug 2018 09:40

Instrument :

BNA_M

ClientSampleId :

PB112169BS

Tot Ion:112 Resp: 1017452

Ion Ratio Lower Upper

112 100

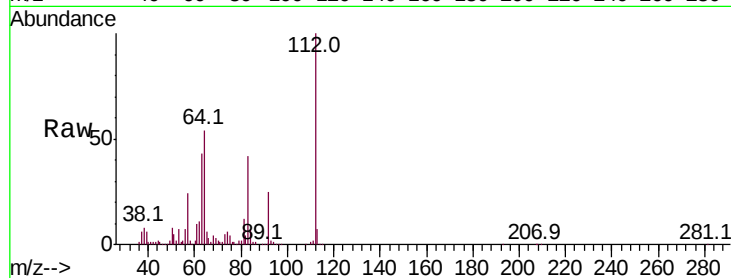
64 53.7 38.6 57.8

63 42.6 19.3 28.9#

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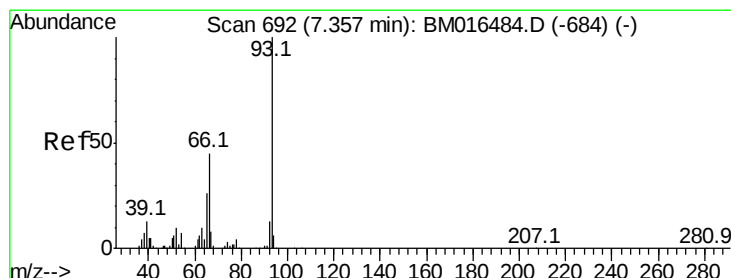
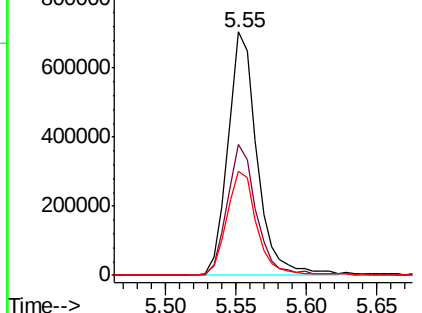
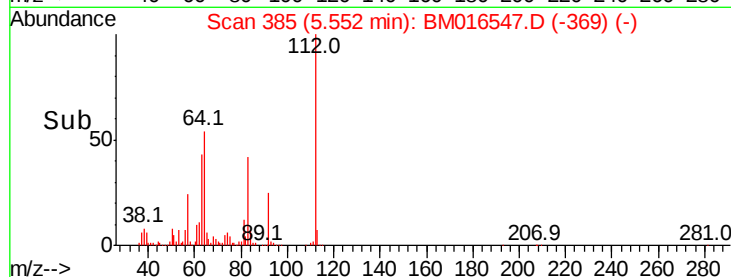
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 27.137 ng

RT: 7.35 min Scan# 691

Delta R.T. -0.01 min

Lab File: BM016547.D

Acq: 23 Aug 2018 09:40

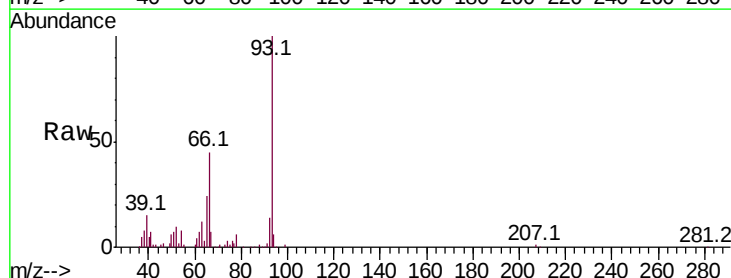
Tgt Ion: 93 Resp: 312895

Ion Ratio Lower Upper

93 100

66 45.2 30.8 46.2

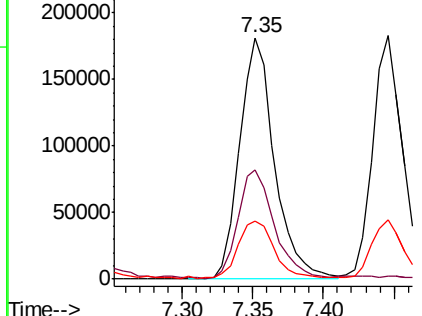
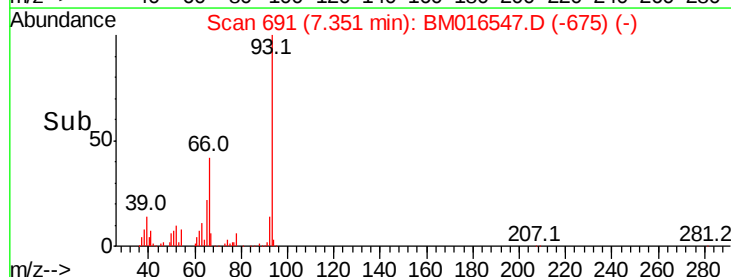
65 24.1 16.0 24.0#

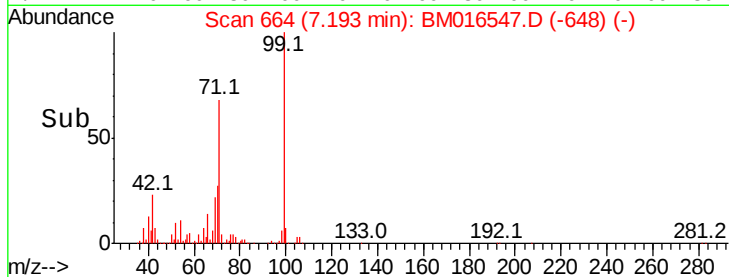
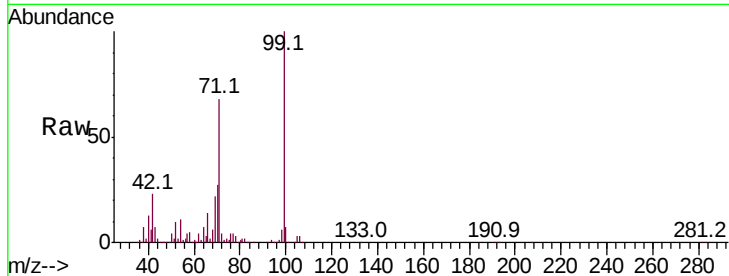
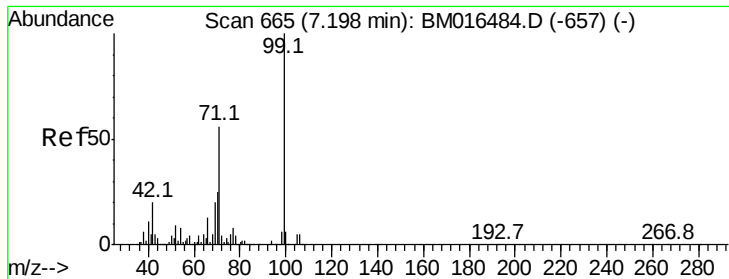


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 126.763 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BM016547.D

Acq: 23 Aug 2018 09:40

Tot Ion	99	Resp	1306156
Ion	Ratio	Lower	Upper
99	100		
42	23.0	11.0	16.4#
71	68.1	23.4	35.2#

Instrument :

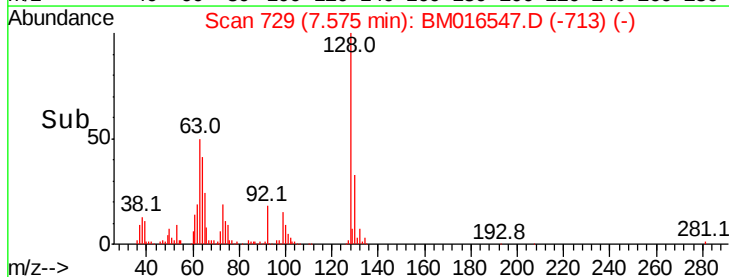
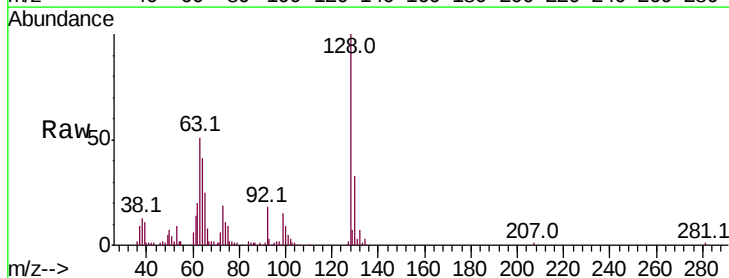
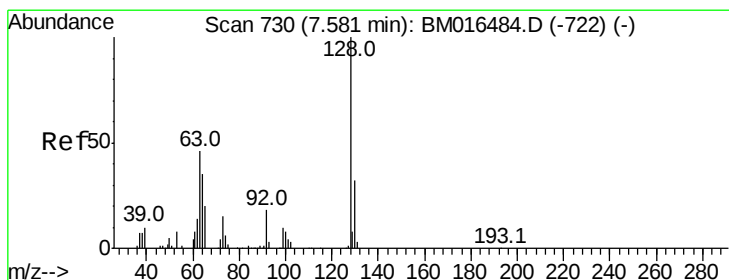
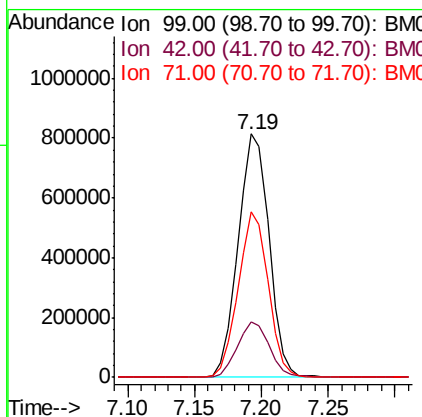
BNA_M

ClientSampleId :

PB112169BS

Manual Integrations
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#8

2-Chlorophenol

Concen: 41.363 ng

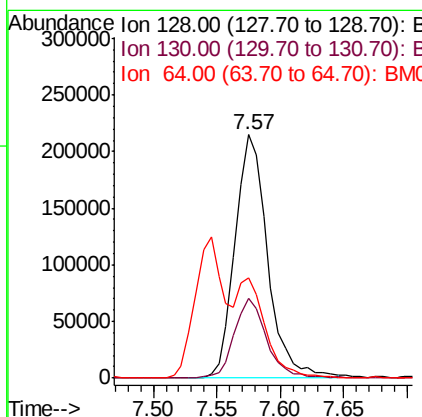
RT: 7.57 min Scan# 729

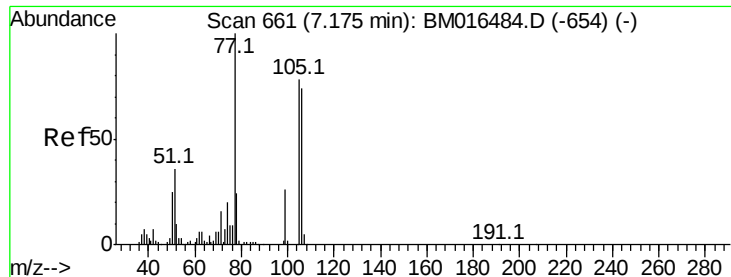
Delta R.T. -0.01 min

Lab File: BM016547.D

Acq: 23 Aug 2018 09:40

Tgt Ion	128	Resp	383246
Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.0	52.0
64	40.9	24.9	64.9





#9

Benzaldehyde

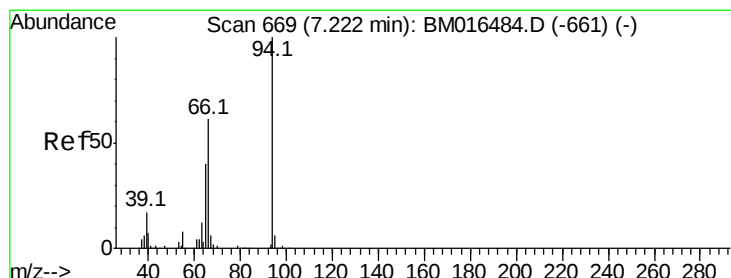
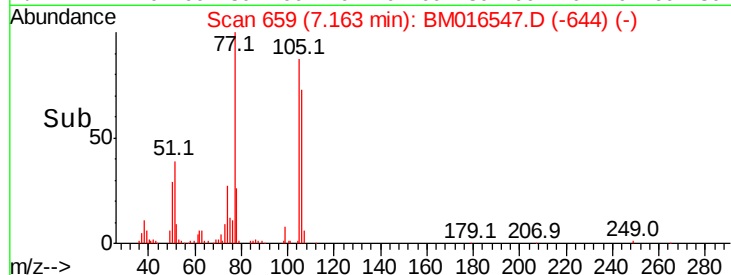
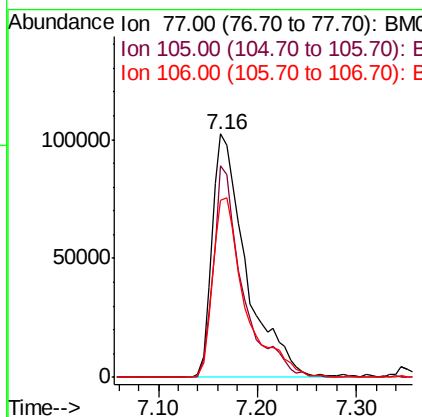
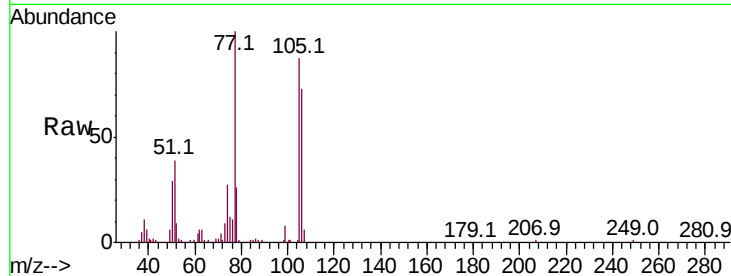
Concen: 34.246 ng/ml
 RT: 7.16 min Scan# 659
 Delta R.T. -0.01 min
 Lab File: BM016547.D
 Acq: 23 Aug 2018 09:40

Instrument :
 BNA_M
 ClientSampled :
 PB112169BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	87.1	78.8	118.8
106	72.5	73.7	113.7

Manual Integrations
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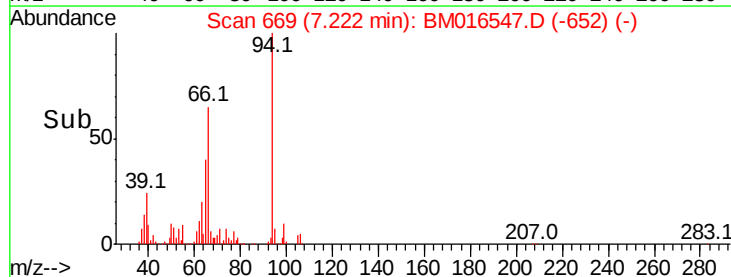
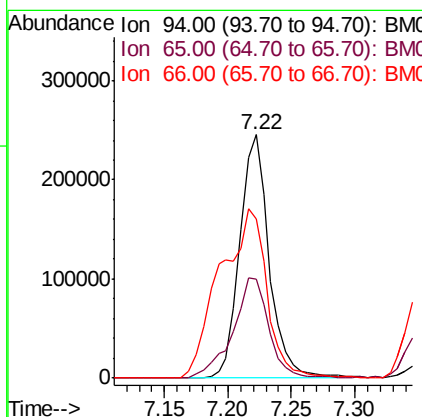
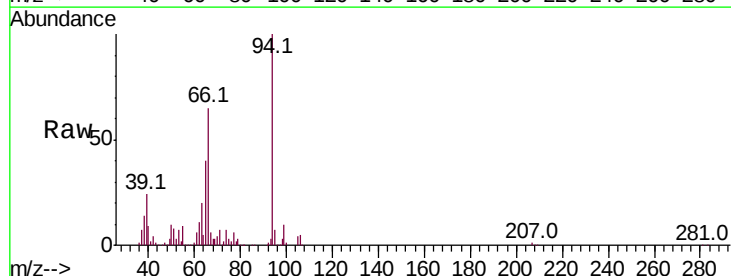


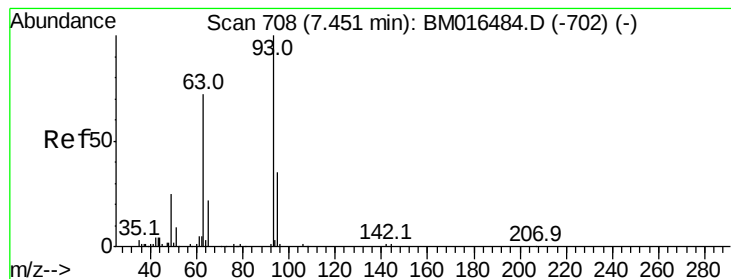
#10

Phenol

Concen: 38.696 ng/ml
 RT: 7.22 min Scan# 669
 Delta R.T. 0.00 min
 Lab File: BM016547.D
 Acq: 23 Aug 2018 09:40

Tgt Ion	Ratio	Lower	Upper
94	100		
65	40.5	18.8	58.8
66	65.4	39.9	79.9





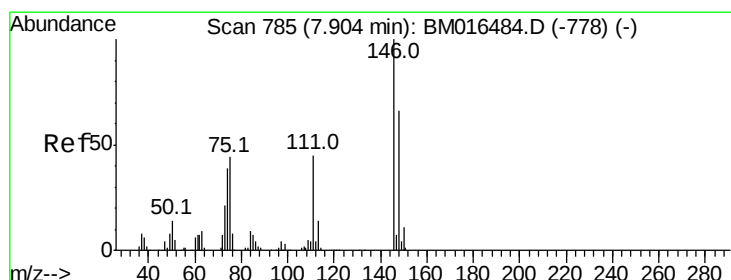
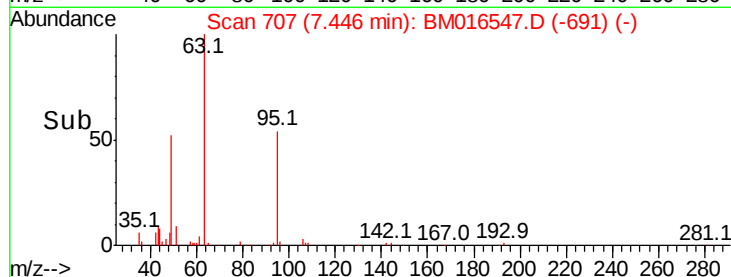
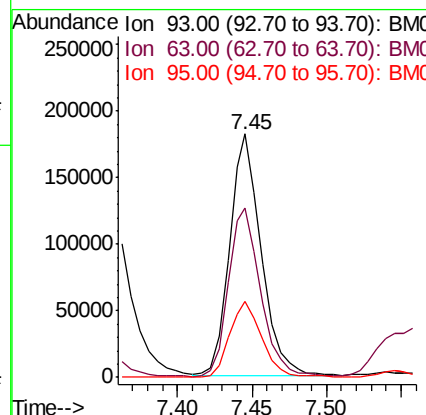
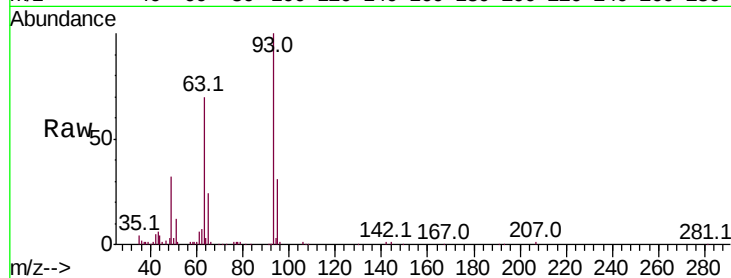
#11
bis(2-Chloroethyl)ether
Concen: 34.894 ng
RT: 7.45 min Scan# 707
Delta R.T. -0.01 min
Lab File: BM016547.D
Acq: 23 Aug 2018 09:40

Instrument :
BNA_M
ClientSampleId :
PB112169BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	266629		
63	69.8		49.5	89.5
95	31.1		13.5	53.5

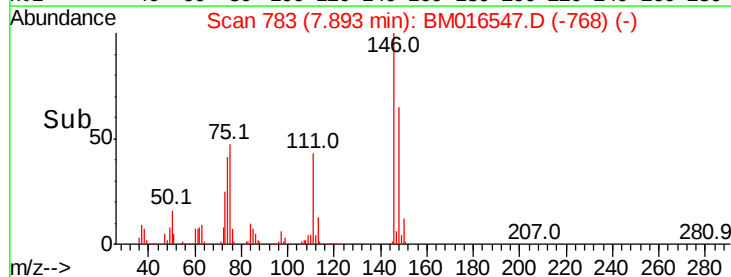
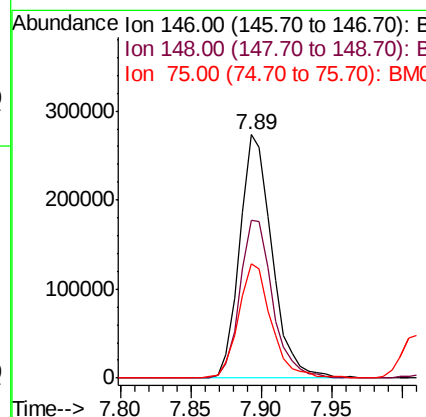
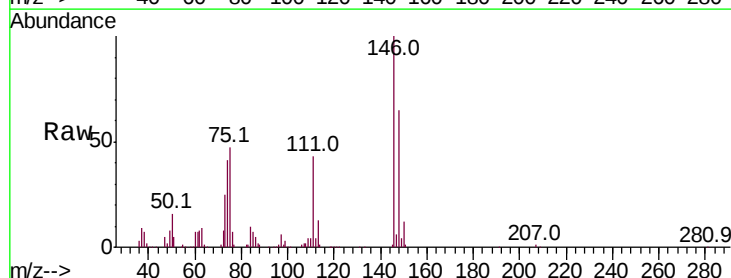
Manual Integrations
APPROVED

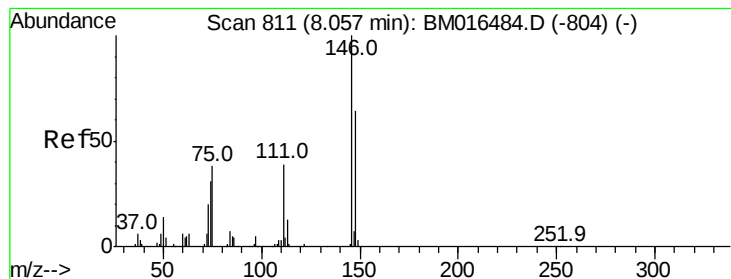
Sohil
8/23/2018 6:39:28 PM



#12
1,3-Dichlorobenzene
Concen: 35.621 ng
RT: 7.89 min Scan# 783
Delta R.T. -0.01 min
Lab File: BM016547.D
Acq: 23 Aug 2018 09:40

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	437583		
148	64.9		50.9	76.3
75	46.9		21.4	32.2#





#13

1,4-Dichlorobenzene

Concen: 35.031 ng

RT: 8.05 min Scan# 809

Delta R.T. -0.01 min

Lab File: BM016547.D

Acq: 23 Aug 2018 09:40

Instrument :

BNA_M

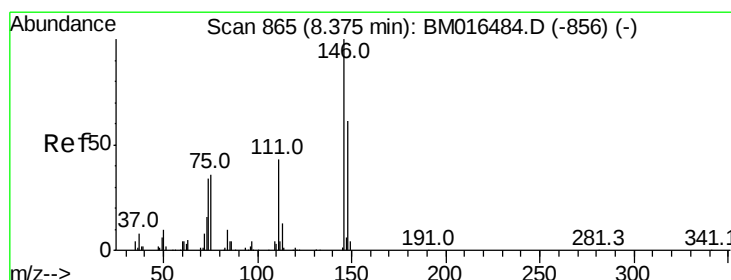
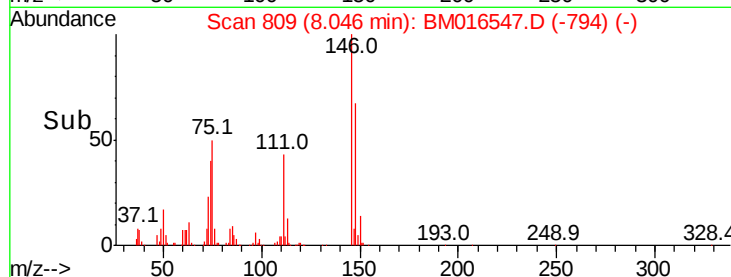
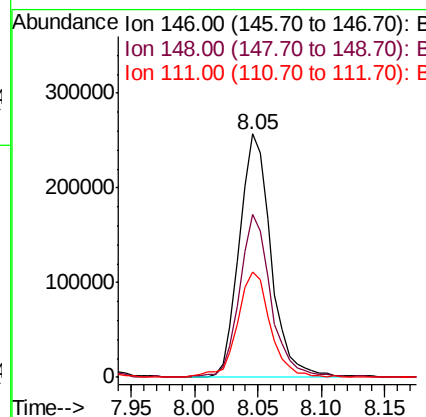
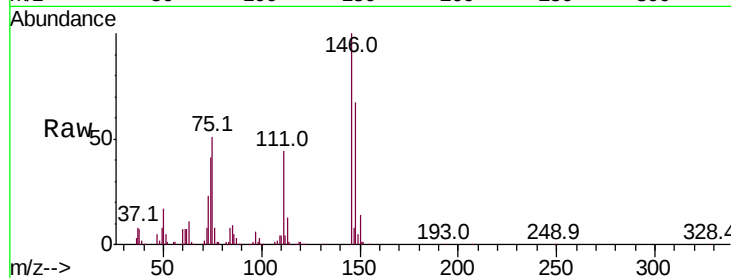
ClientSampleId :

PB112169BS

Tot Ion:	146	Resp:	441629
Ion Ratio	Lower	Upper	
146	100		
148	66.9	51.9	77.9
111	43.5	29.2	43.8

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 36.174 ng

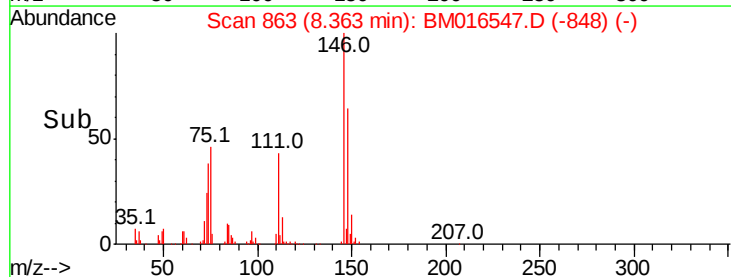
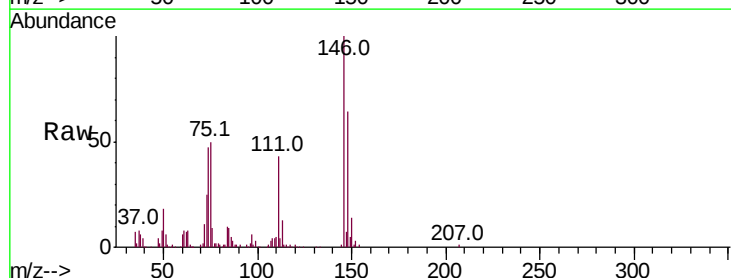
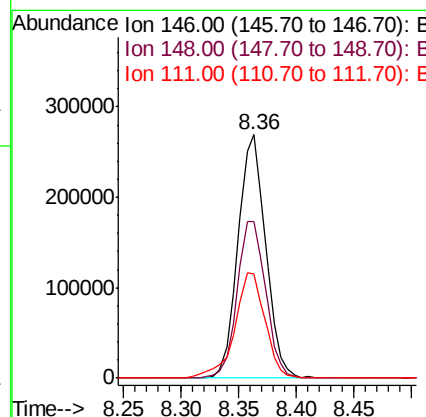
RT: 8.36 min Scan# 863

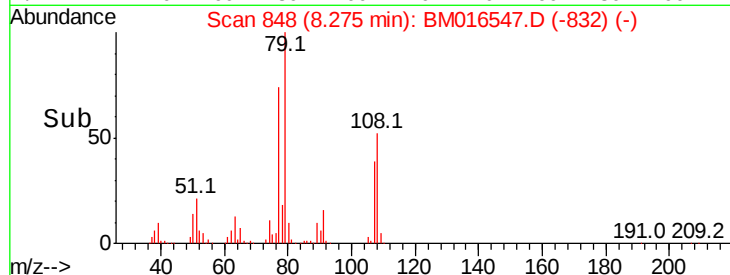
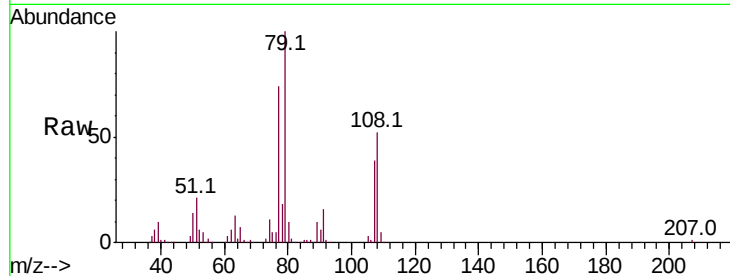
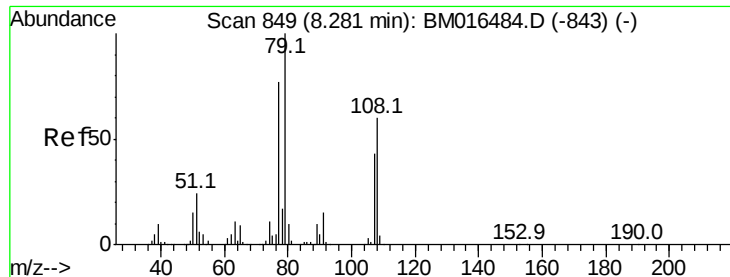
Delta R.T. -0.01 min

Lab File: BM016547.D

Acq: 23 Aug 2018 09:40

Tgt Ion:	146	Resp:	448034
Ion Ratio	Lower	Upper	
146	100		
148	64.3	52.3	78.5
111	42.9	30.6	45.8





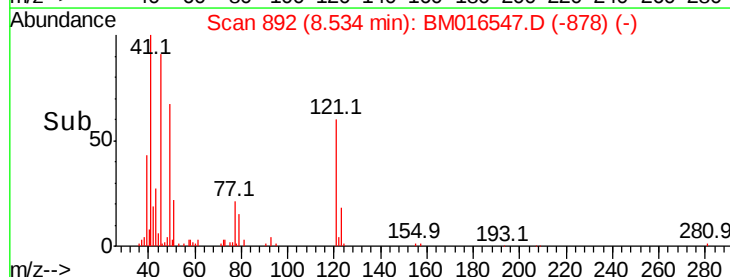
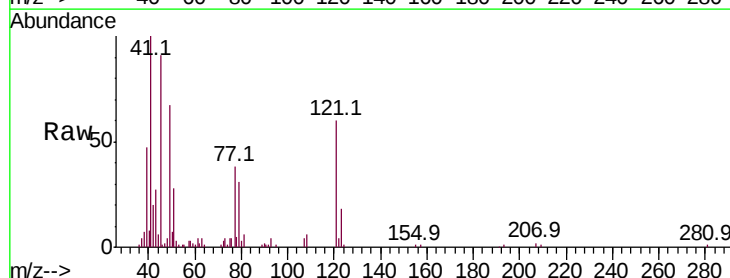
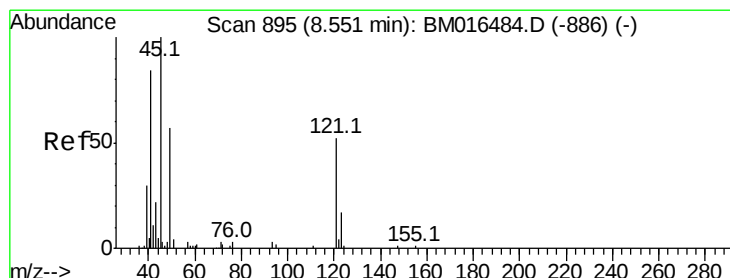
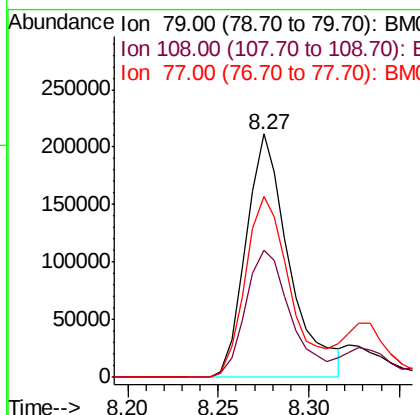
#15
Benzyl Alcohol
Concen: 36.748 ng
RT: 8.27 min Scan# 848
Delta R.T. -0.01 min
Lab File: BM016547.D
Acq: 23 Aug 2018 09:40

Tot Ion	Ratio	Lower	Upper
79	100		
108	52.4	65.0	97.4#
77	74.4	53.0	79.6

Instrument :
BNA_M
ClientSampled :
PB112169BS

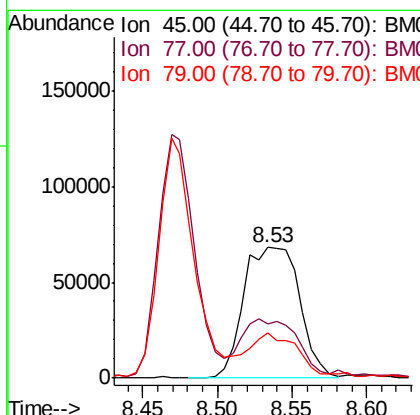
Manual Integrations
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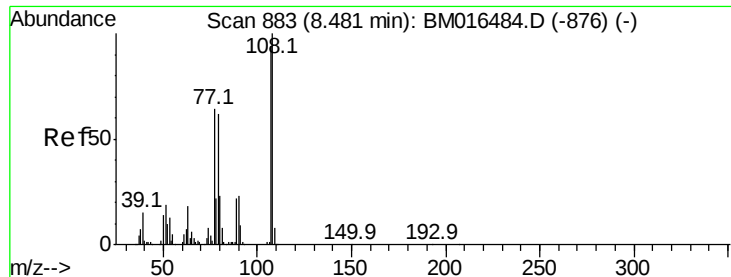
Sohil
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.718 ng
RT: 8.53 min Scan# 892
Delta R.T. -0.02 min
Lab File: BM016547.D
Acq: 23 Aug 2018 09:40

Tgt Ion	Ratio	Lower	Upper
45	100		
77	41.9	0.0	35.2#
79	34.7	0.0	32.0#





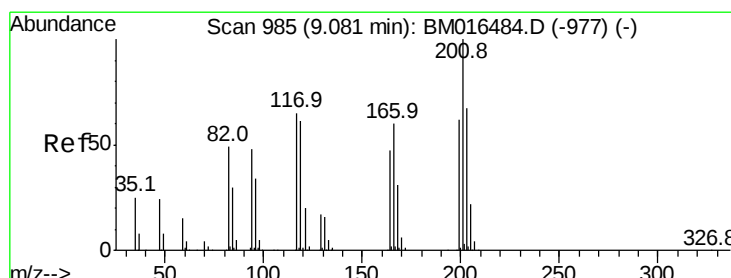
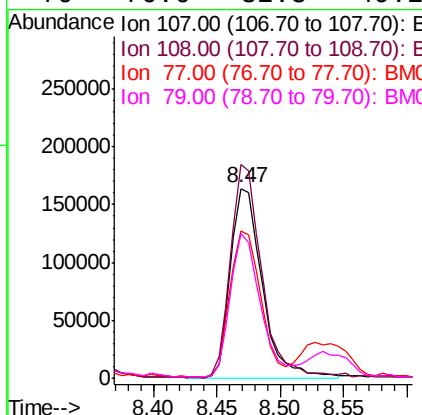
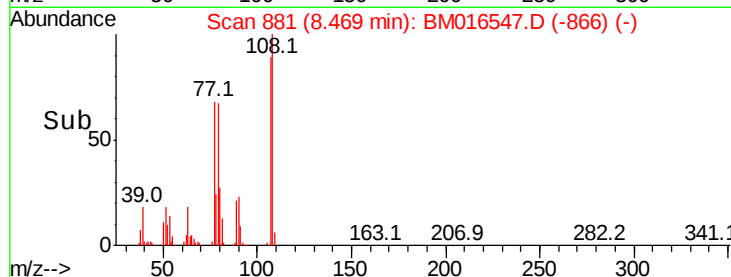
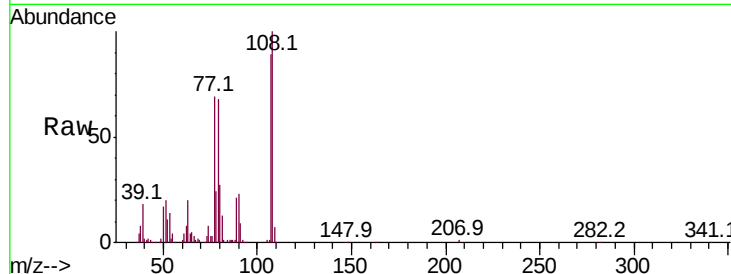
#17
2-Methylphenol
Concen: 38.749 ng
RT: 8.47 min Scan# 881
Delta R.T. -0.01 min
Lab File: BM016547.D
Acq: 23 Aug 2018 09:40

Instrument :
BNA_M
ClientSampleID :
PB112169BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.7	89.8	134.8	
77	77.6	32.6	48.8#	
79	76.6	32.8	49.2#	

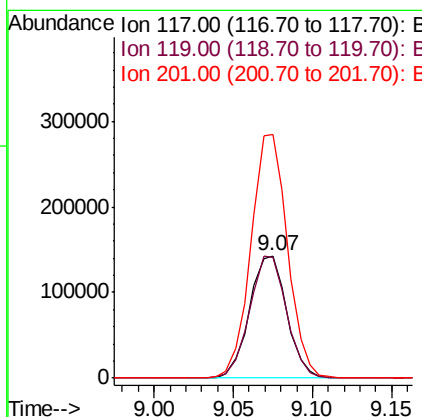
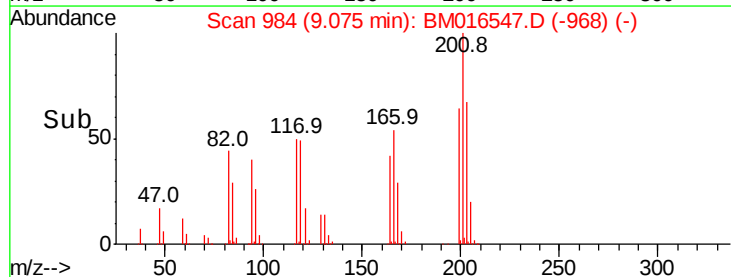
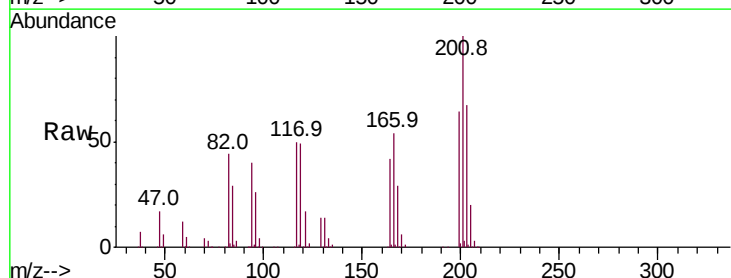
Manual Integrations
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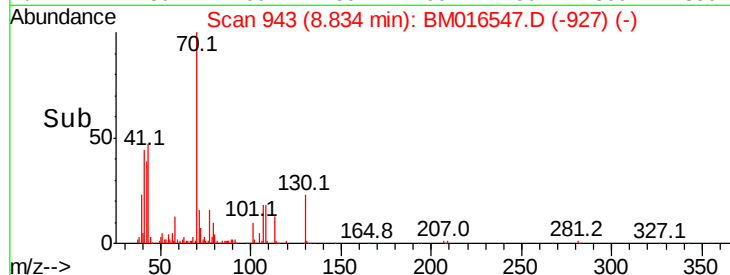
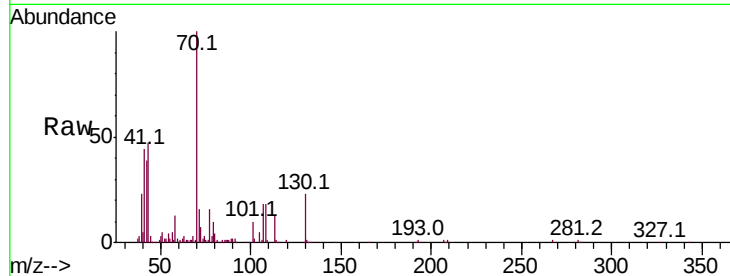
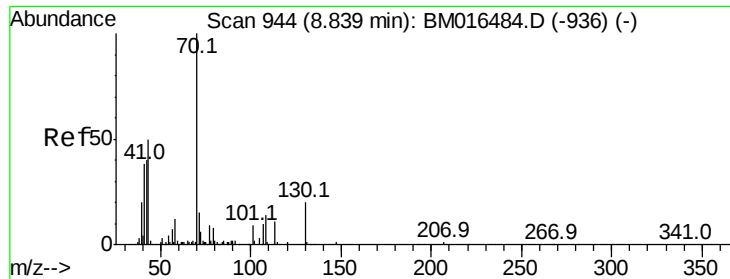
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#18
Hexachloroethane
Concen: 40.203 ng
RT: 9.07 min Scan# 984
Delta R.T. -0.01 min
Lab File: BM016547.D
Acq: 23 Aug 2018 09:40

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.3	79.2	118.8	
201	198.8	69.8	104.6#	





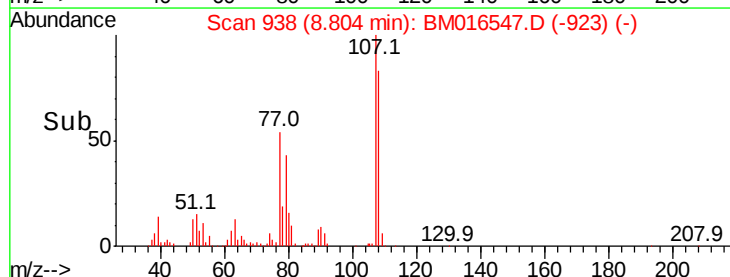
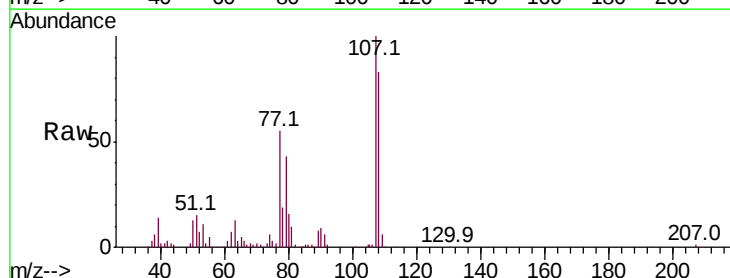
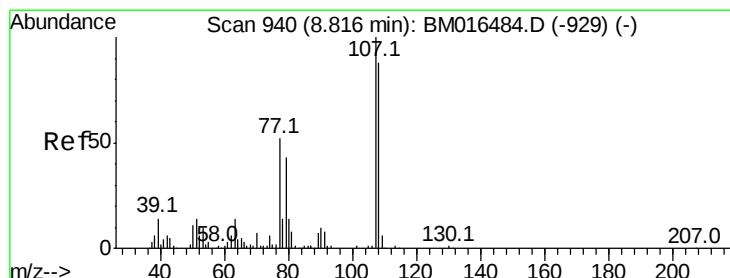
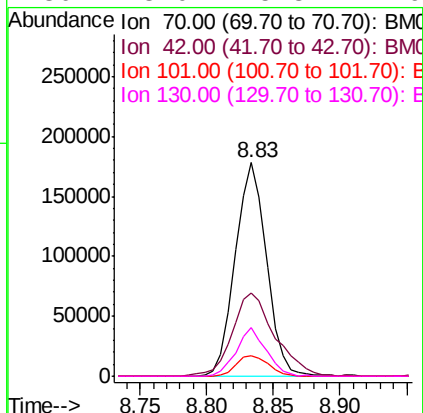
#19
n-Nitroso-di-n-propylamine
Concen: 35.889 ng
RT: 8.83 min Scan# 943
Delta R.T. -0.01 min
Lab File: BM016547.D
Acq: 23 Aug 2018 09:40

Instrument :
BNA_M
ClientSampleId :
PB112169BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	38.9	44.5	66.7#		
101	9.8	7.4	11.2		
130	23.0	15.3	22.9#		

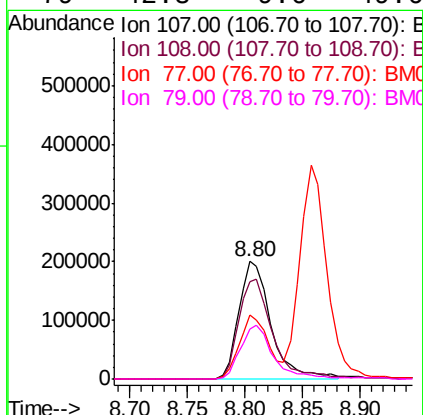
Manual Integrations
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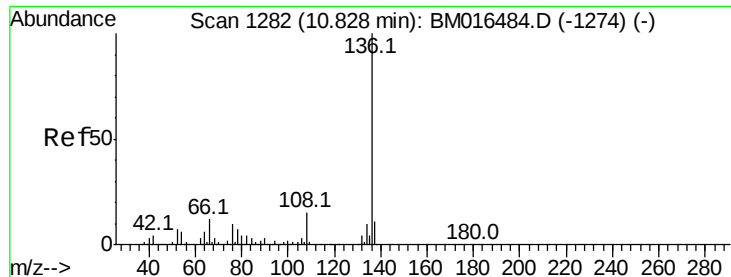
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#20
3+4-Methylphenols
Concen: 37.830 ng
RT: 8.80 min Scan# 938
Delta R.T. -0.01 min
Lab File: BM016547.D
Acq: 23 Aug 2018 09:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	82.8	73.2	113.2		
77	54.6	10.7	50.7#		
79	42.8	9.6	49.6		





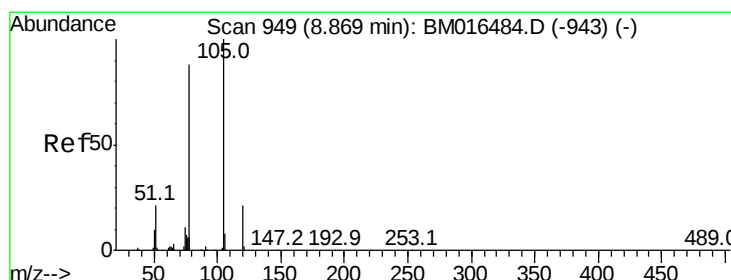
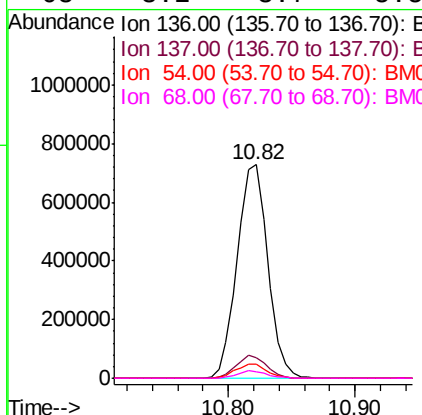
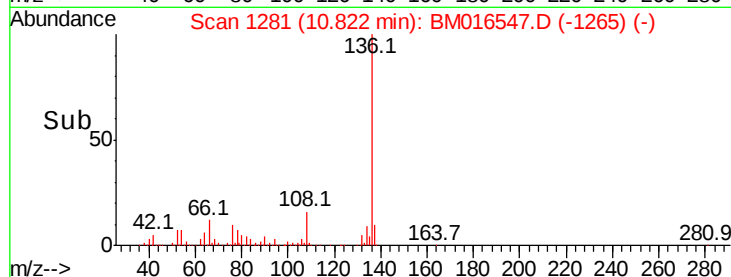
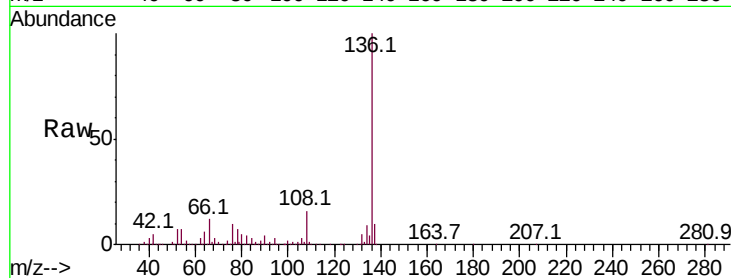
#21
Naphthalene-d8
Concen: 40.000 ng
RT: 10.82 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BM016547.D
Acq: 23 Aug 2018 09:40

Instrument :
BNA_M
ClientSampled :
PB112169BS

Tot Ion	Ratio	Lower	Upper
136	100		
137	9.9	8.7	13.1
54	6.5	4.6	6.8
68	3.2	3.7	5.5#

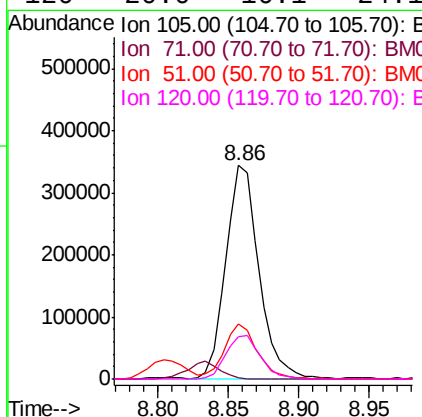
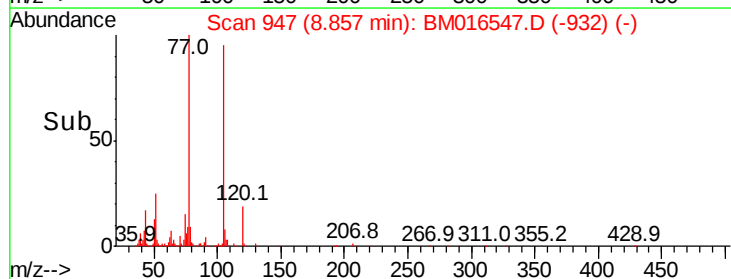
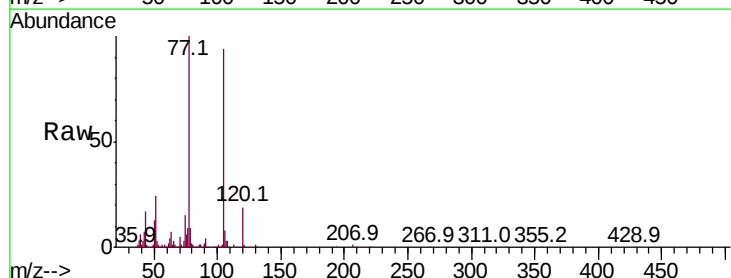
Manual Integrations
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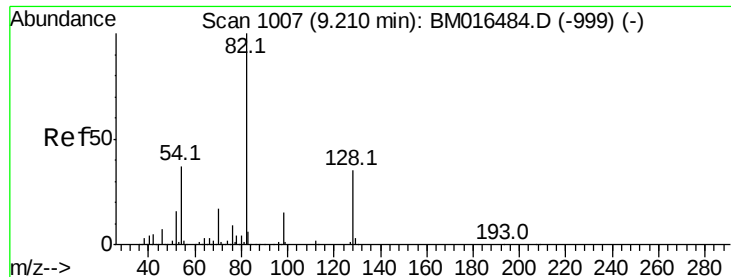
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#22
Acetophenone
Concen: 37.943 ng
RT: 8.86 min Scan# 947
Delta R.T. -0.01 min
Lab File: BM016547.D
Acq: 23 Aug 2018 09:40

Tgt Ion	Ratio	Lower	Upper
105	100		
71	0.8	0.6	1.0
51	25.9	21.6	32.4
120	20.0	16.1	24.1





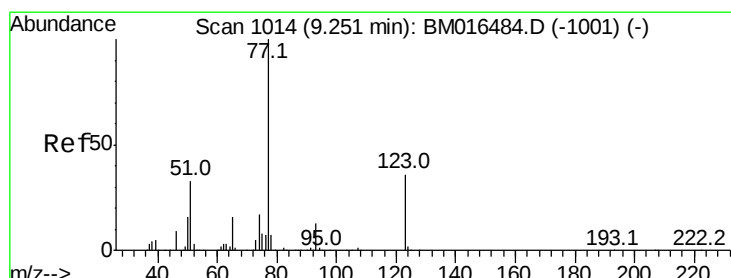
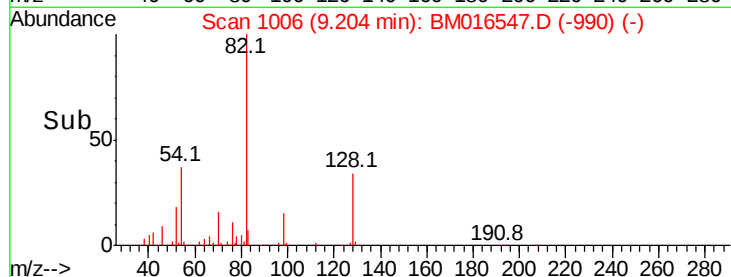
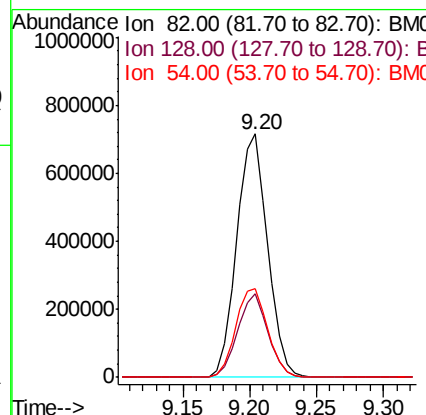
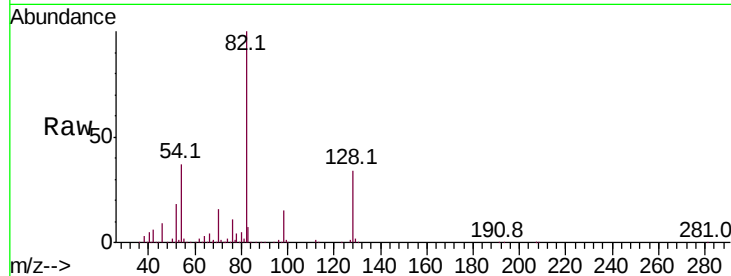
#23
Nitrobenzene-d5
Concen: 86.150 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BM016547.D
Acq: 23 Aug 2018 09:40

Instrument :
BNA_M
ClientSampleId :
PB112169BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	34.3	32.8	49.2
54	36.5	40.6	60.8

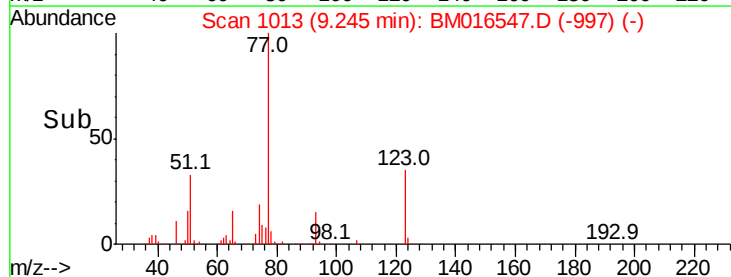
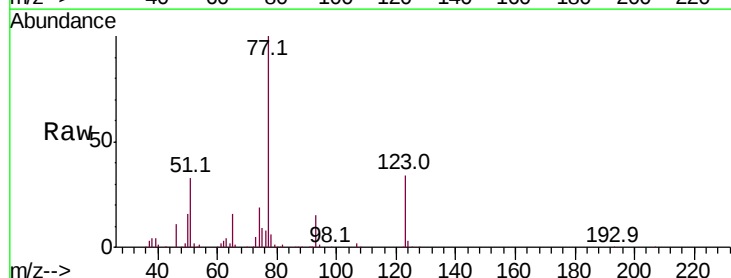
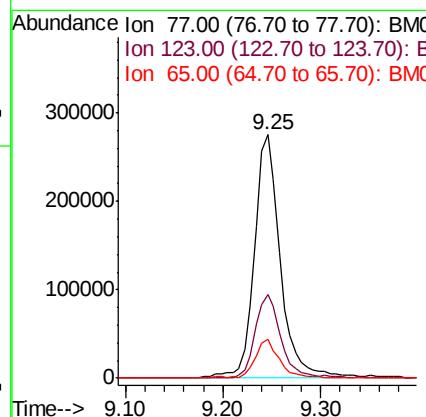
Manual Integrations
APPROVED

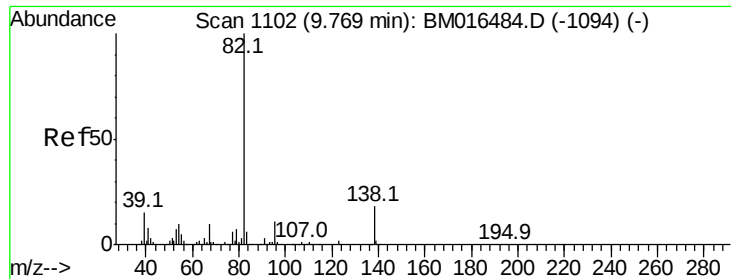
Sohil
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#24
Nitrobenzene
Concen: 38.046 ng
RT: 9.25 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BM016547.D
Acq: 23 Aug 2018 09:40

Tgt Ion	Ratio	Lower	Upper
77	100		
123	34.4	32.6	49.0
65	16.0	10.9	16.3





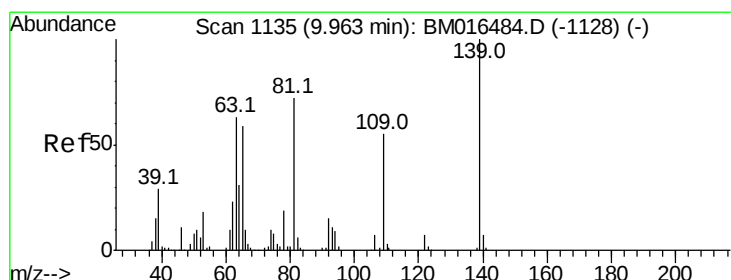
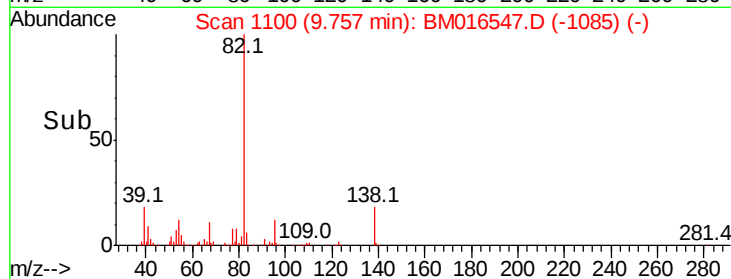
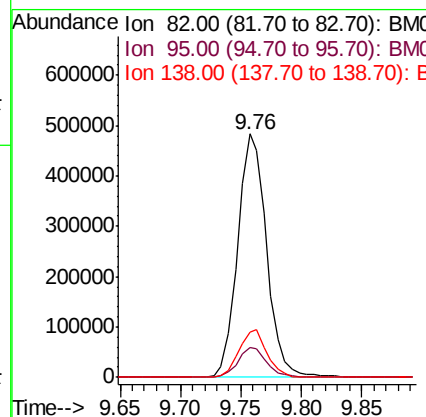
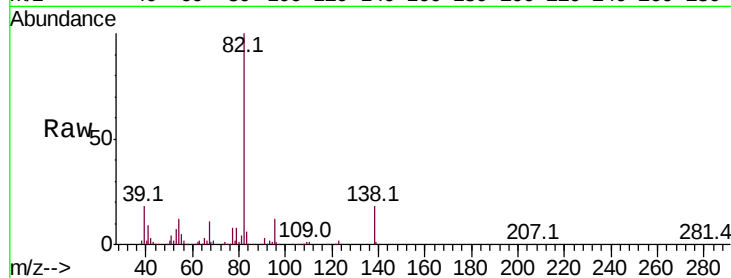
#25
Isophorone
Concen: 45.043 ng
RT: 9.76 min Scan# 1100
Delta R.T. -0.01 min
Lab File: BM016547.D
Acq: 23 Aug 2018 09:40

Instrument :
BNA_M
ClientSampleId :
PB112169BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	12.2	5.8	8.6#	
138	18.4	16.3	24.5	

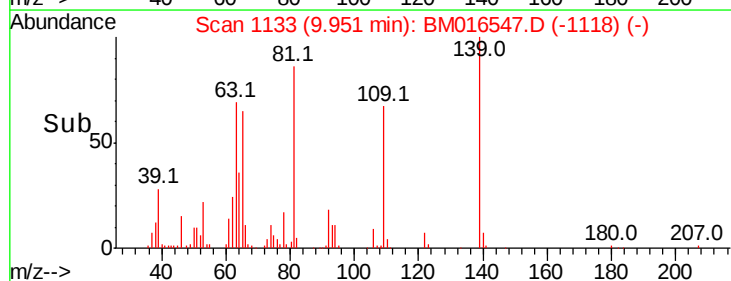
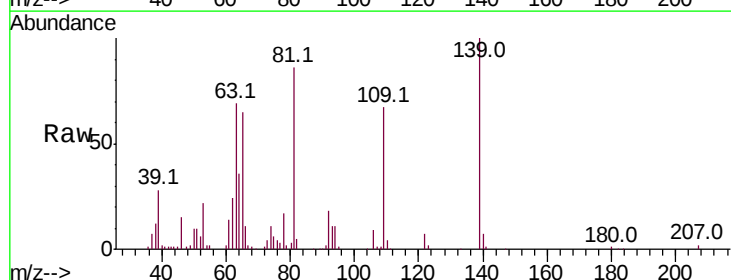
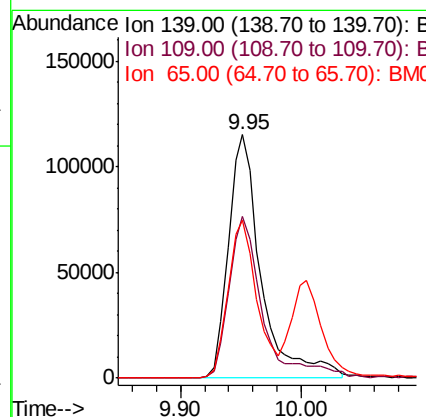
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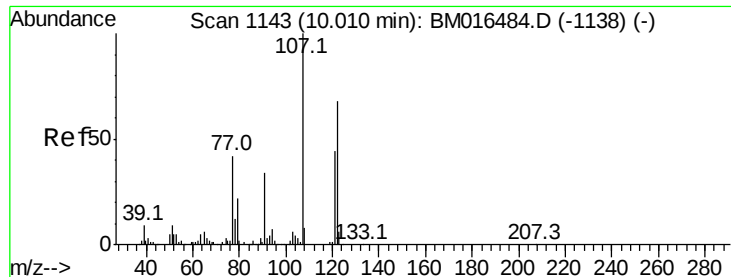
Sohil
8/23/2018 6:39:28 PM



#26
2-Nitrophenol
Concen: 37.760 ng
RT: 9.95 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BM016547.D
Acq: 23 Aug 2018 09:40

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	66.6	20.1	30.1#	
65	64.8	31.5	47.3#	





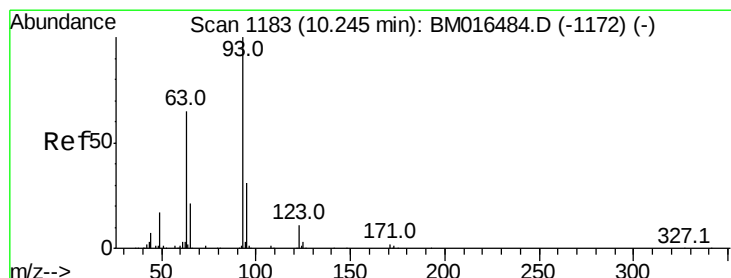
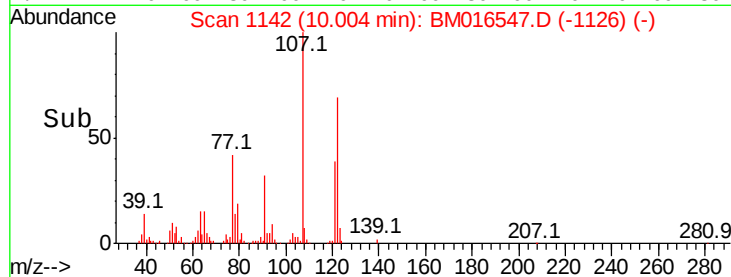
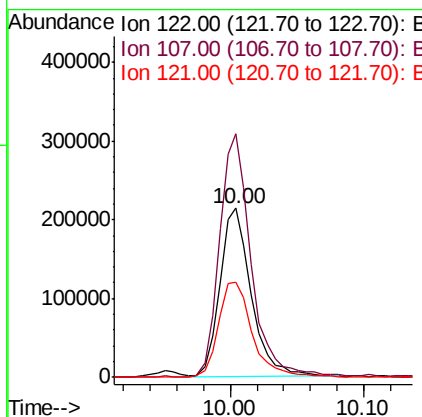
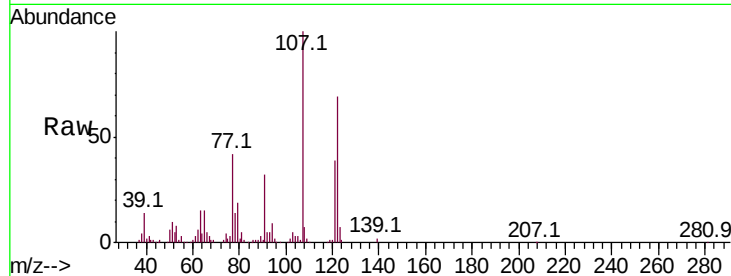
#27
2,4-Dimethylphenol
Concen: 47.234 ng
RT: 10.00 min Scan# 1142
Delta R.T. -0.01 min
Lab File: BM016547.D
Acq: 23 Aug 2018 09:40

Instrument :
BNA_M
ClientSampleId :
PB112169BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	144.1	84.7	127.1#
121	56.4	46.6	69.8

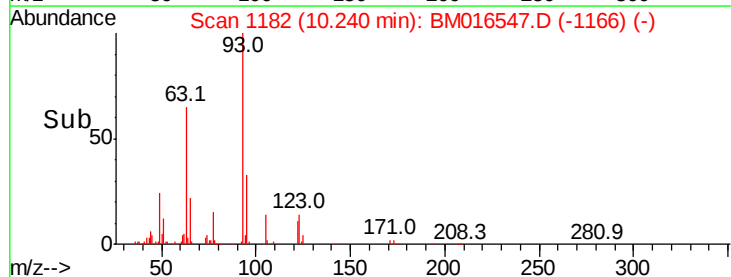
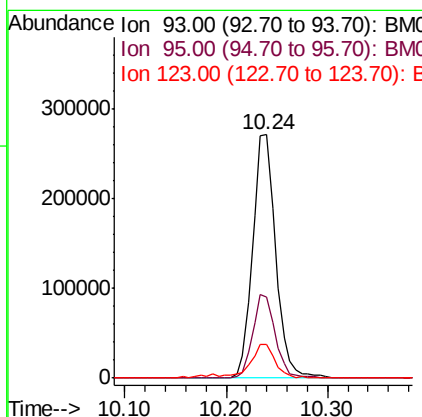
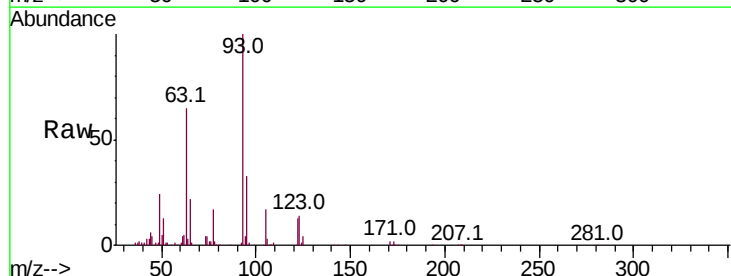
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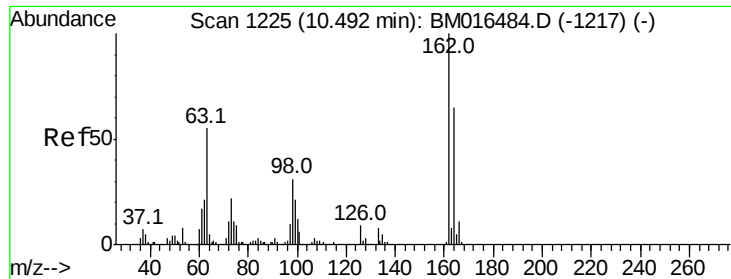
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 40.342 ng
RT: 10.24 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BM016547.D
Acq: 23 Aug 2018 09:40

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	25.5	38.3
123	14.0	8.6	13.0#





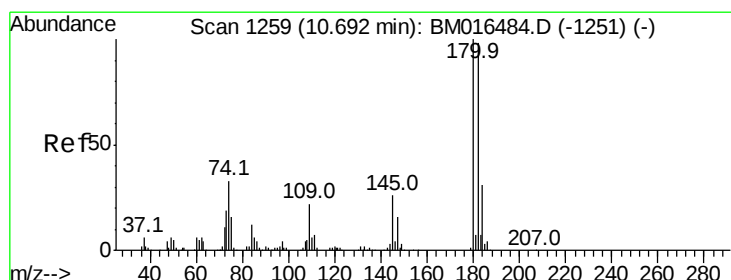
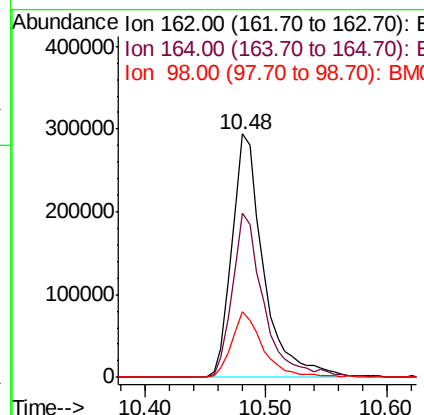
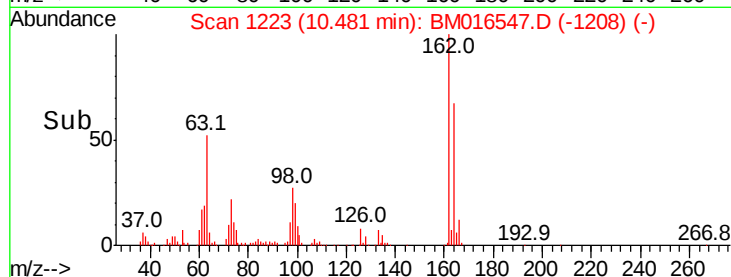
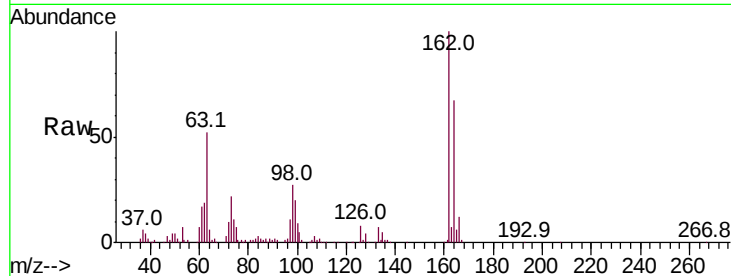
#29
 2,4-Dichlorophenol
 Concen: 47.983 ng
 RT: 10.48 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BM016547.D
 Acq: 23 Aug 2018 09:40

Instrument :
 BNA_M
 ClientSampleId :
 PB112169BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	535413		
164	67.3	42.8	82.8	
98	26.8	14.5	54.5	

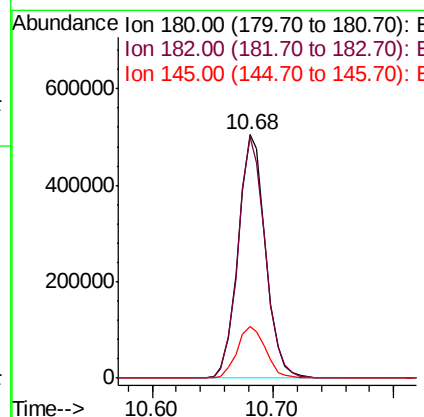
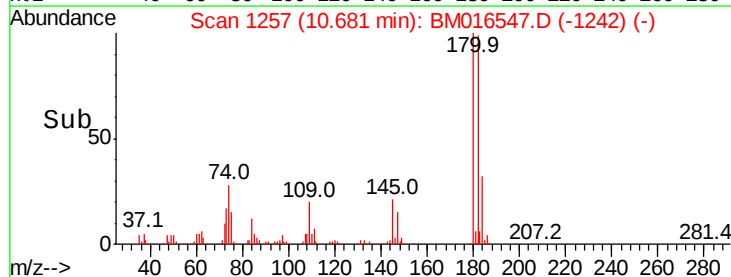
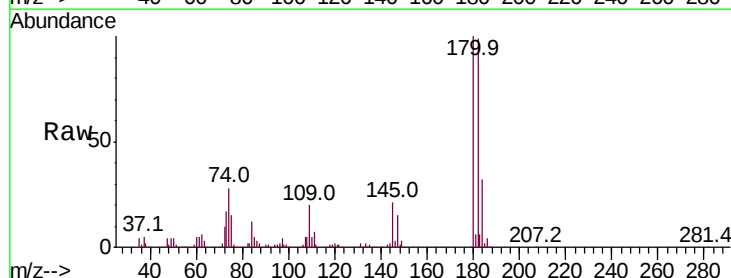
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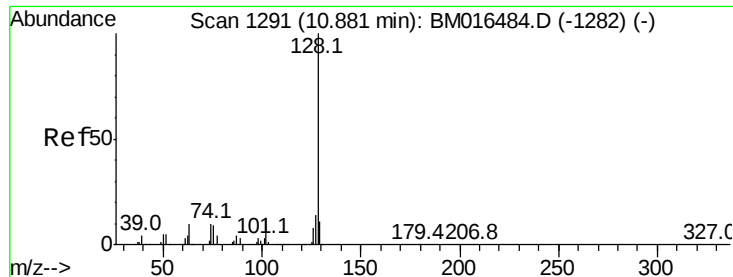
Sohil
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#30
 1,2,4-Trichlorobenzene
 Concen: 47.084 ng
 RT: 10.68 min Scan# 1257
 Delta R.T. -0.01 min
 Lab File: BM016547.D
 Acq: 23 Aug 2018 09:40

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	797220		
182	98.9	77.6	116.4	
145	21.4	23.4	35.2#	





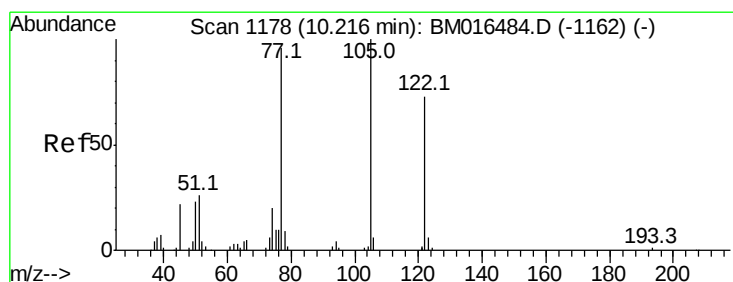
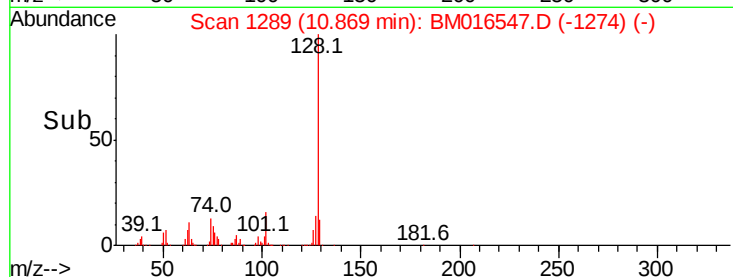
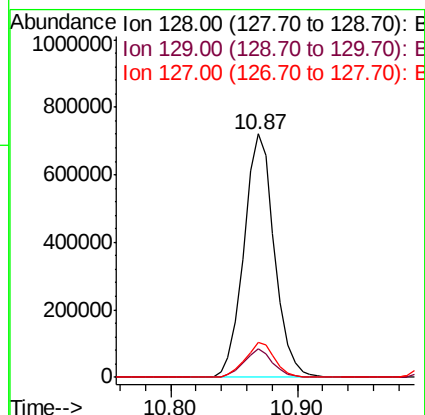
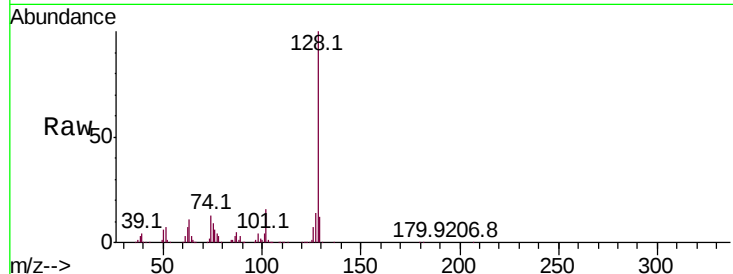
#31
Naphthalene
Concen: 41.223 ng
RT: 10.87 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BM016547.D
Acq: 23 Aug 2018 09:40

Instrument :
BNA_M
ClientSampleID :
PB112169BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.9	13.3
127	14.2	10.4	15.6

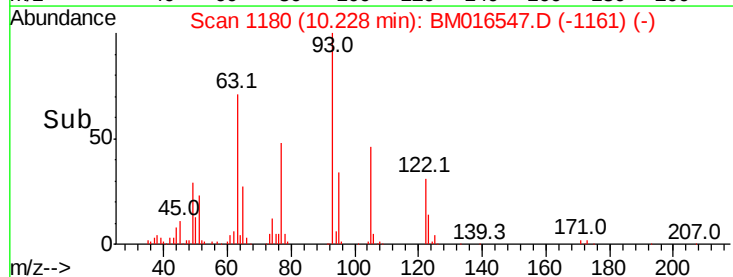
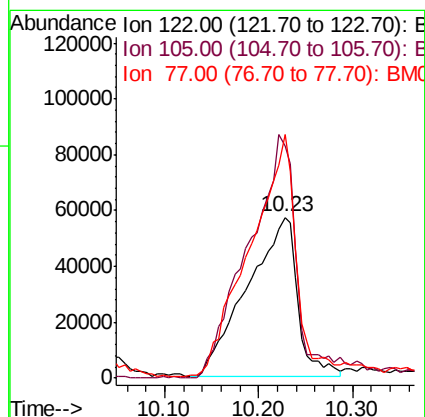
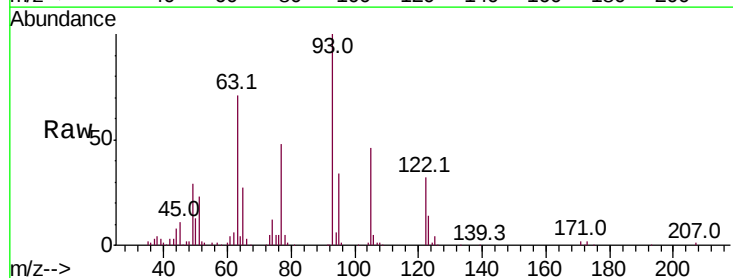
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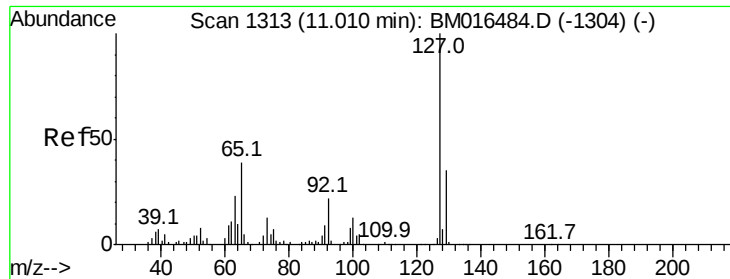
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#32
Benzoic acid
Concen: 34.003 ng
RT: 10.23 min Scan# 1180
Delta R.T. 0.01 min
Lab File: BM016547.D
Acq: 23 Aug 2018 09:40

Tgt Ion	Ratio	Lower	Upper
122	100		
105	144.4	99.9	139.9#
77	151.3	73.7	113.7#





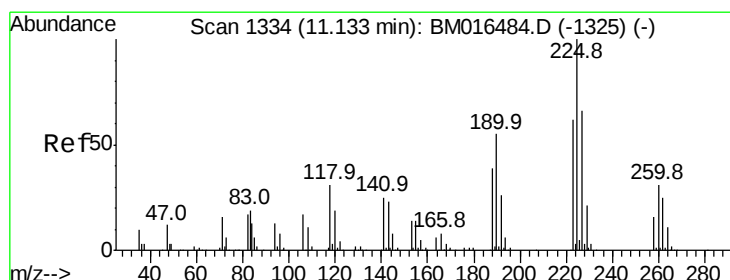
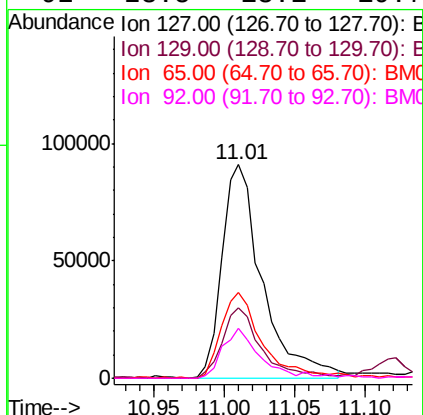
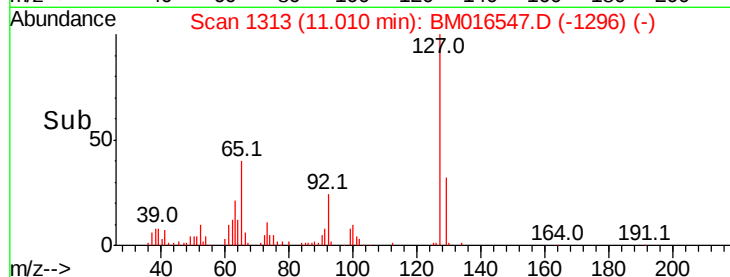
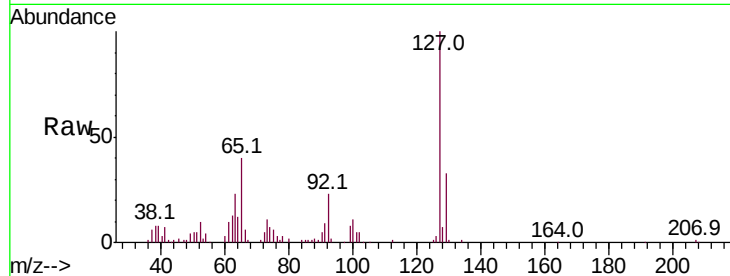
#33
4-Chloroaniline
Concen: 14.750 ng
RT: 11.01 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BM016547.D
Acq: 23 Aug 2018 09:40

Instrument :
BNA_M
ClientSampleId :
PB112169BS

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	33.0	25.3	37.9
65	40.1	17.6	26.4
92	23.5	13.1	19.7

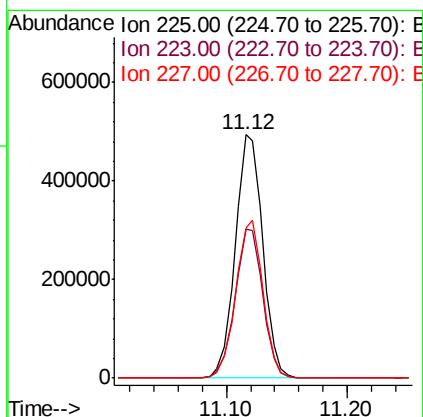
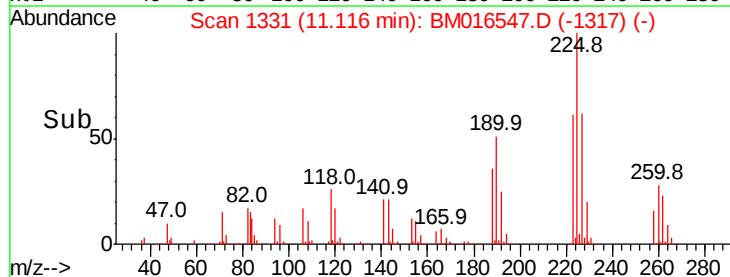
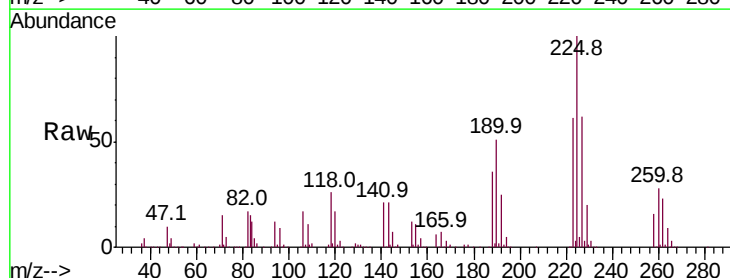
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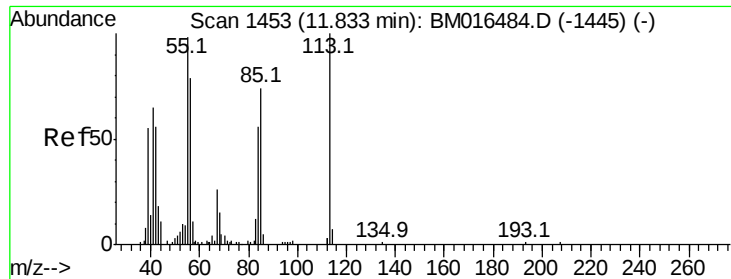
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#34
Hexachlorobutadiene
Concen: 48.345 ng
RT: 11.12 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BM016547.D
Acq: 23 Aug 2018 09:40

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	61.3	47.9	71.9
227	61.9	50.1	75.1





#35

Caprolactam

Concen: 36.732 ng/ml

RT: 11.84 min Scan# 1454

Delta R.T. 0.01 min

Lab File: BM016547.D

Acq: 23 Aug 2018 09:40

Instrument :

BNA_M

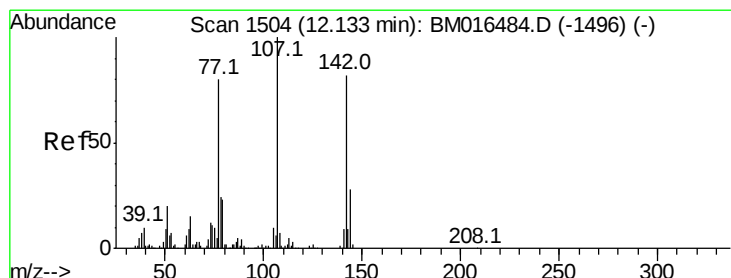
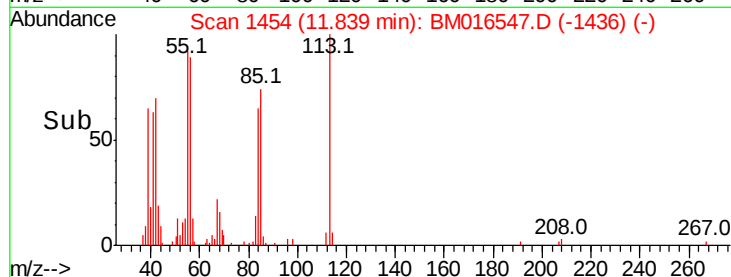
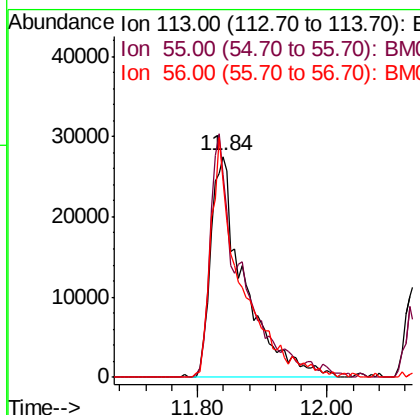
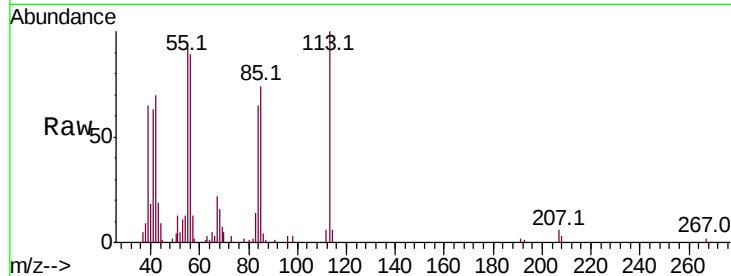
ClientSampleId :

PB112169BS

Tot Ion:	113	Resp:	98350
Ion Ratio	Lower	Upper	
113	100		
55	91.7	145.9	185.9#
56	88.8	101.0	141.0#

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#36

4-Chloro-3-methylphenol

Concen: 41.275 ng/ml

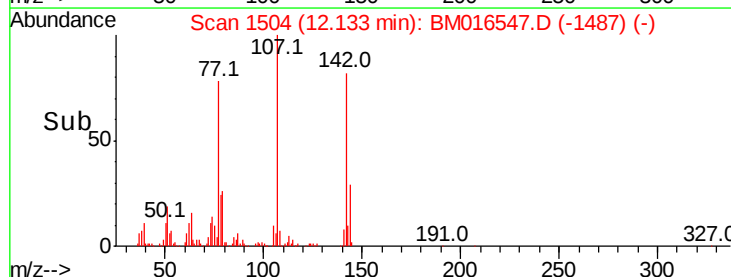
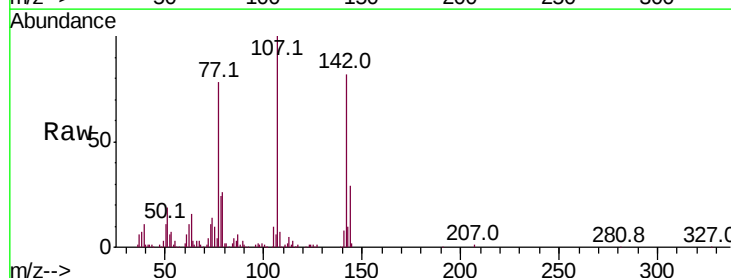
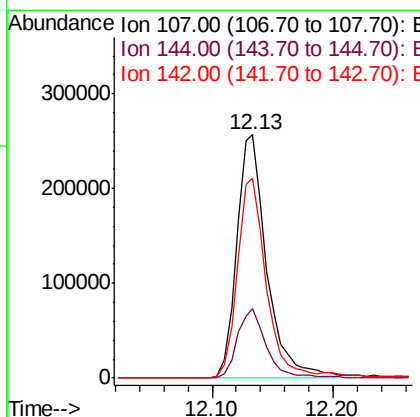
RT: 12.13 min Scan# 1504

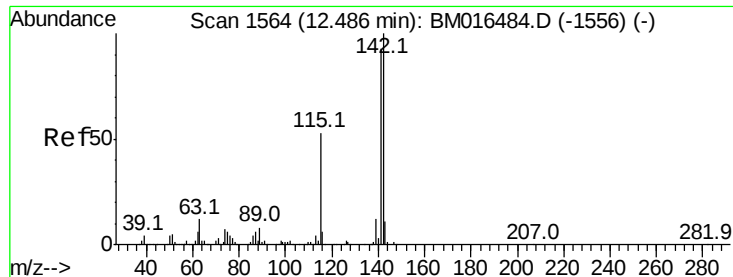
Delta R.T. 0.00 min

Lab File: BM016547.D

Acq: 23 Aug 2018 09:40

Tgt Ion:	107	Resp:	442771
Ion Ratio	Lower	Upper	
107	100		
144	28.6	23.3	34.9
142	82.1	72.6	109.0





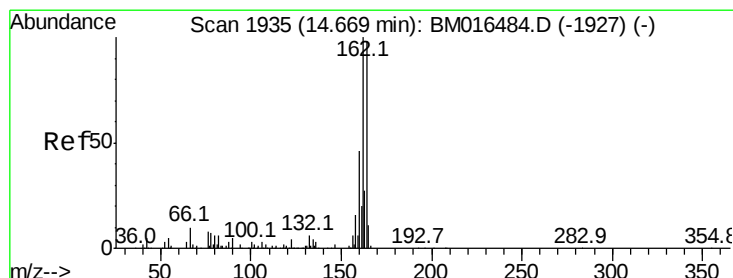
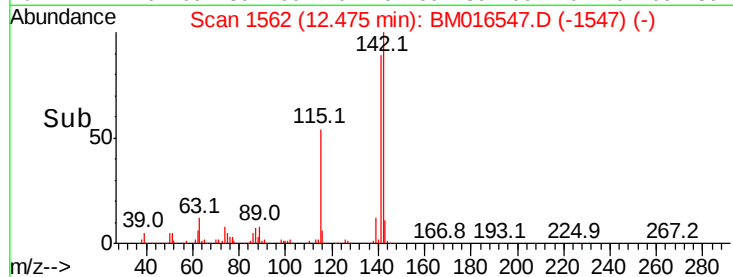
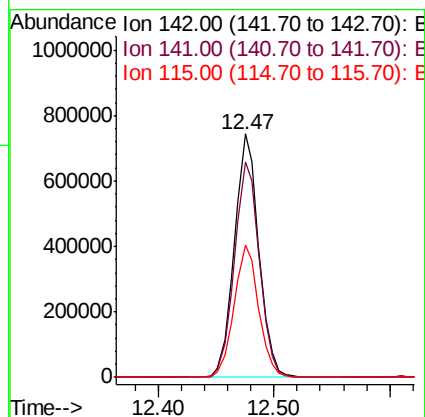
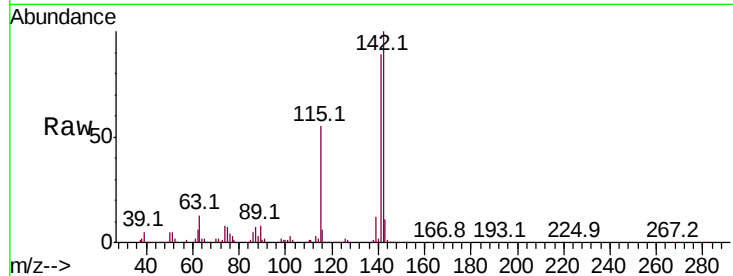
#37
2-Methylnaphthalene
Concen: 47.844 ng
RT: 12.47 min Scan# 1562
Delta R.T. -0.01 min
Lab File: BM016547.D
Acq: 23 Aug 2018 09:40

Instrument :
BNA_M
ClientSampleID :
PB112169BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.9	107.9
115	54.6	25.4	38.0

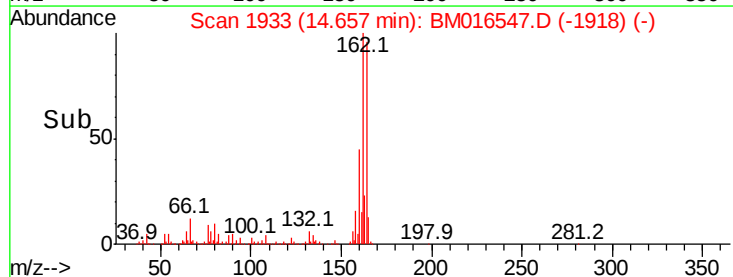
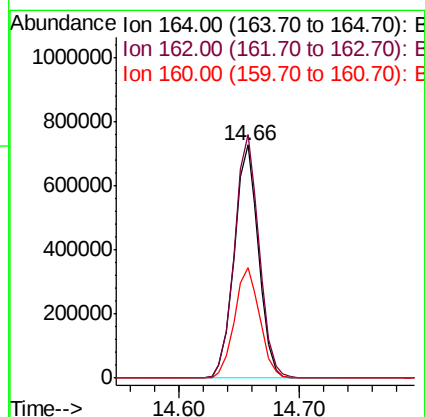
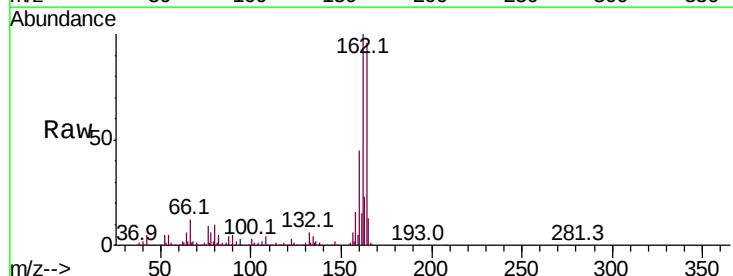
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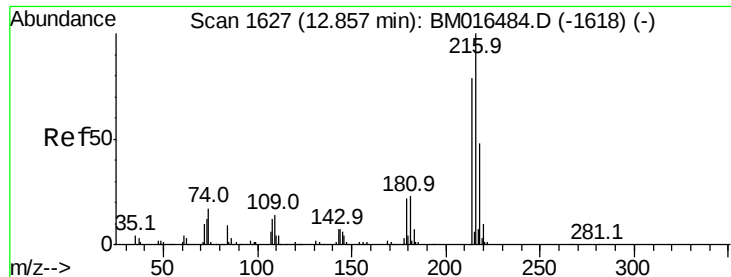
Sohil
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#38
Acenaphthene-d10
Concen: 40.000 ng
RT: 14.66 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BM016547.D
Acq: 23 Aug 2018 09:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.4	82.4	123.6
160	47.2	35.8	53.6





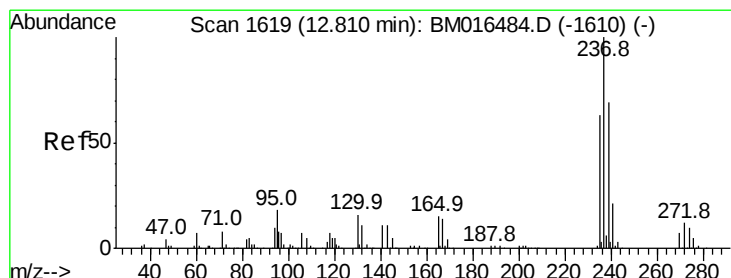
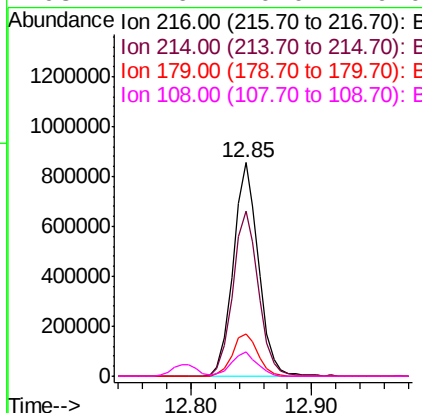
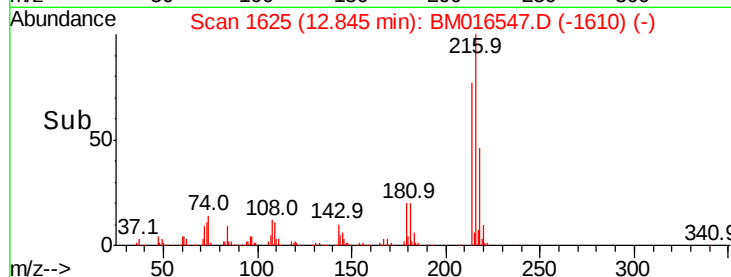
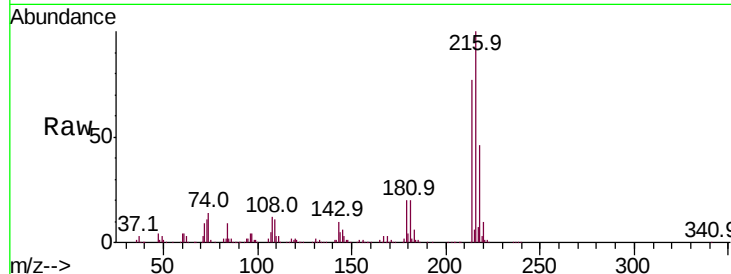
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.387 ng
 RT: 12.85 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: BM016547.D
 Acq: 23 Aug 2018 09:40

Instrument :
 BNA_M
 ClientSampleId :
 PB112169BS

Tot Ion	Ratio	Lower	Upper
216	100		
214	78.6	0.0	0.0#
179	20.0	0.0	0.0#
108	11.6	0.0	0.0#

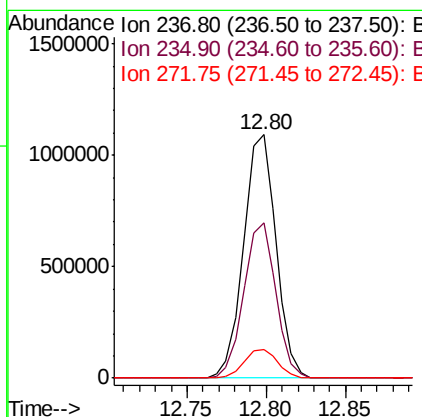
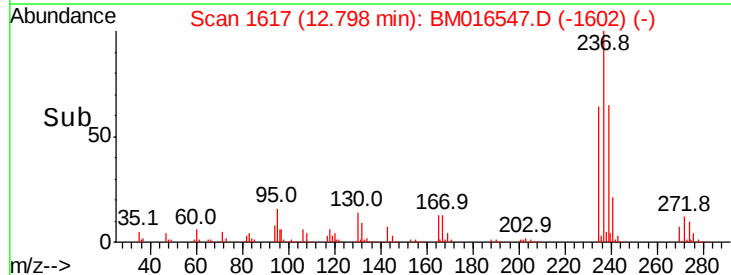
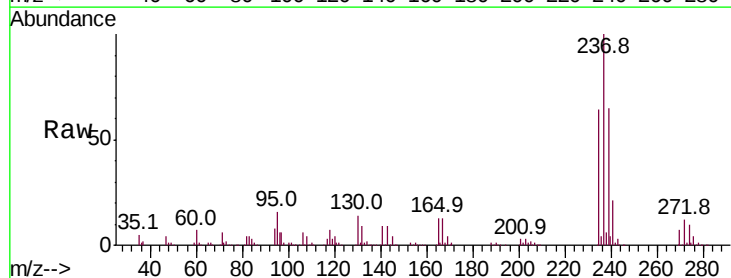
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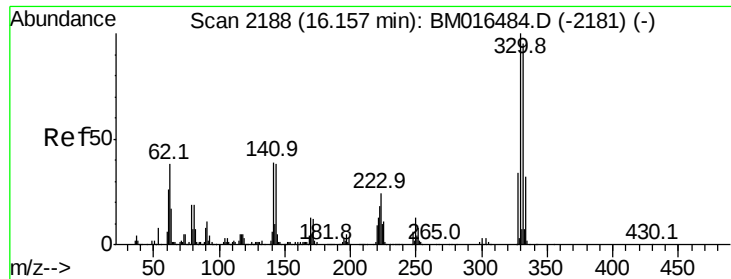
Sohil
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#40
 Hexachlorocyclopentadiene
 Concen: 129.350 ng
 RT: 12.80 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BM016547.D
 Acq: 23 Aug 2018 09:40

Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.7	42.0	82.0
272	12.0	0.0	33.4





#41

2,4,6-Tribromophenol

Concen: 148.880 ng

RT: 16.15 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BM016547.D

Acq: 23 Aug 2018 09:40

Instrument :

BNA_M

ClientSampleId :

PB112169BS

Tot Ion:330 Resp: 2112344

Ion Ratio Lower Upper

330 100

332 95.7 0.0 0.0#

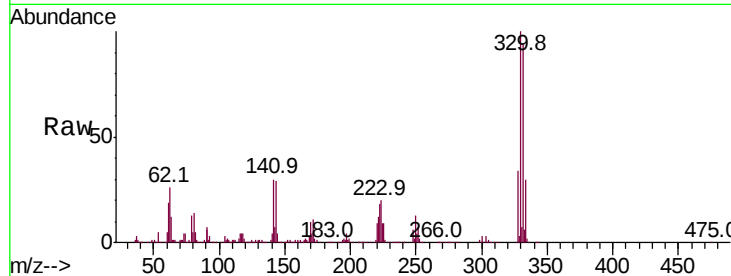
141 32.0 0.0 0.0#

Manual Integrations

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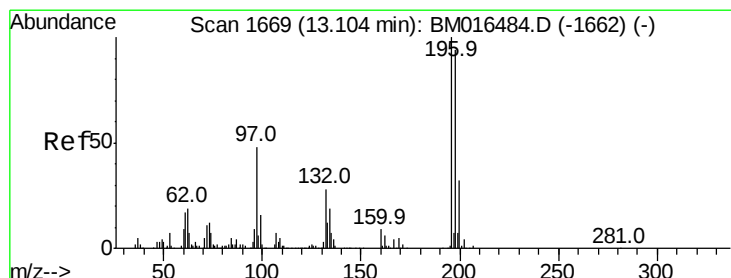
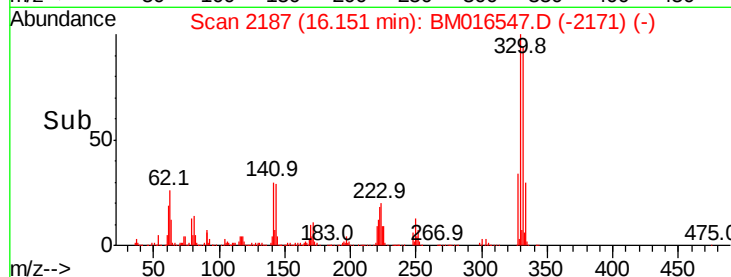
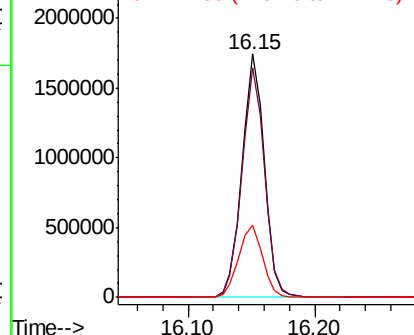
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Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 43.250 ng

RT: 13.10 min Scan# 1668

Delta R.T. -0.01 min

Lab File: BM016547.D

Acq: 23 Aug 2018 09:40

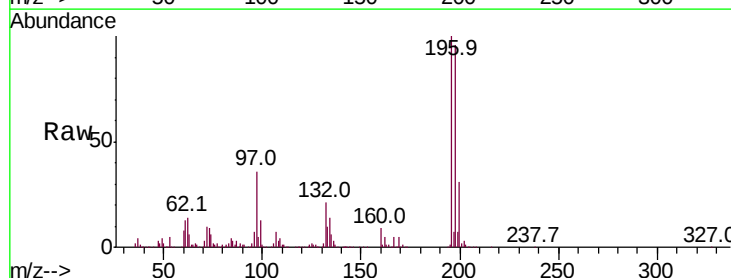
Tgt Ion:196 Resp: 741376

Ion Ratio Lower Upper

196 100

198 96.3 76.3 114.5

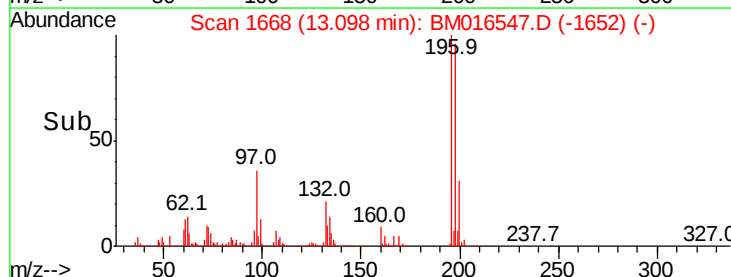
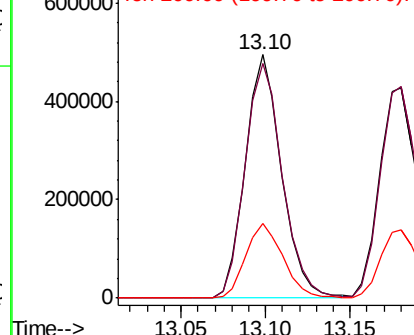
200 30.7 25.6 38.4

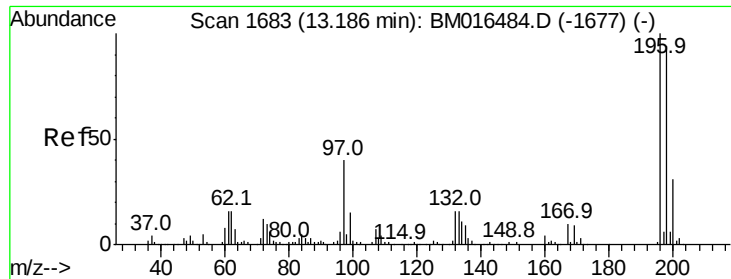


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





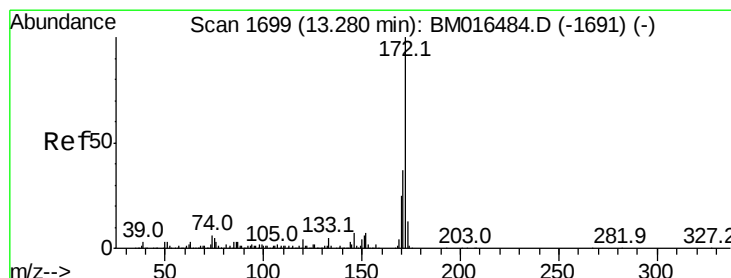
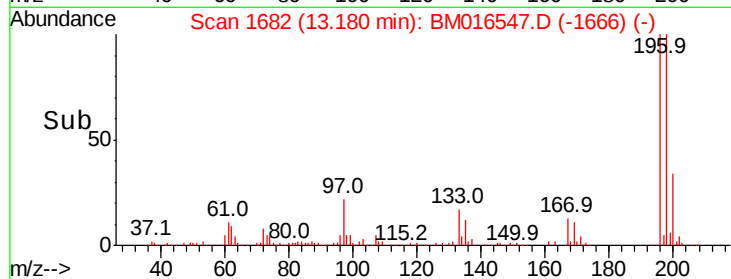
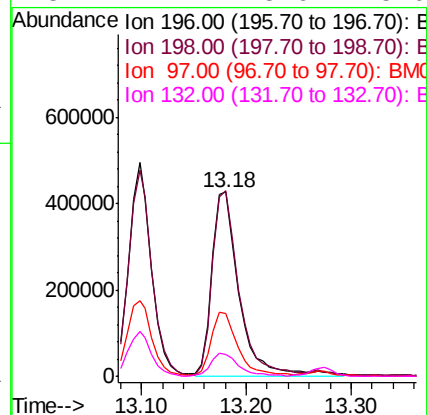
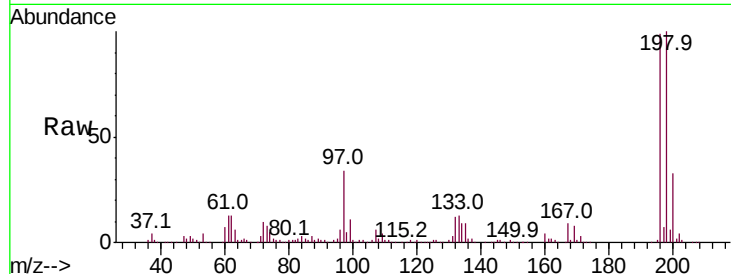
#43
 2,4,5-Trichlorophenol
 Concen: 46.273 ng/mL
 RT: 13.18 min Scan# 1682
 Delta R.T. -0.01 min
 Lab File: BM016547.D
 Acq: 23 Aug 2018 09:40

Instrument :
 BNA_M
 ClientSampleID :
 PB112169BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	100.6	79.4	119.0	
97	33.8	26.8	40.2	
132	12.1	18.6	28.0	

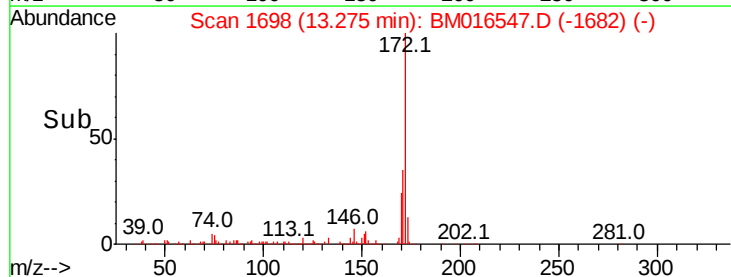
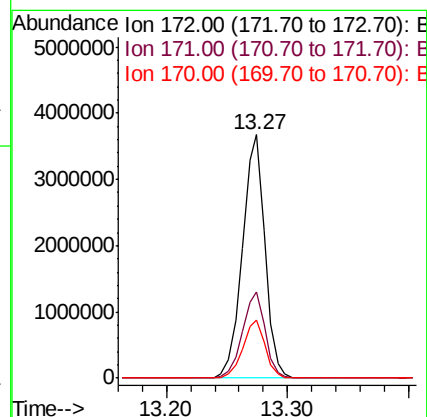
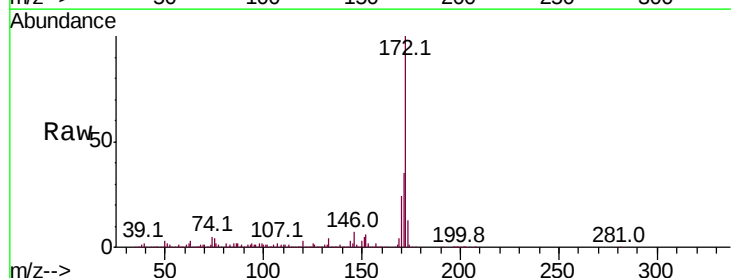
Manual Integrations
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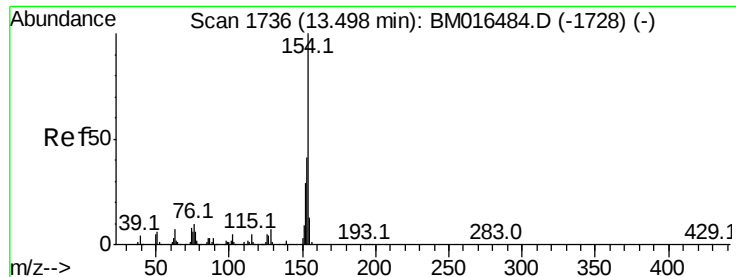
Sohil
 8/23/2018 6:39:28 PM



#44
 2-Fluorobiphenyl
 Concen: 90.503 ng/mL
 RT: 13.27 min Scan# 1698
 Delta R.T. -0.01 min
 Lab File: BM016547.D
 Acq: 23 Aug 2018 09:40

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.4	28.5	42.7	
170	23.7	18.8	28.2	





#45

1,1'-Biphenyl

Concen: 35.596 ng

RT: 13.49 min Scan# 1734

Delta R.T. -0.01 min

Lab File: BM016547.D

Acq: 23 Aug 2018 09:40

Instrument :

BNA_M

ClientSampleId :

PB112169BS

Tot Ion:154 Resp: 1584183

Ion Ratio Lower Upper

154 100

153 40.2 20.7 60.7

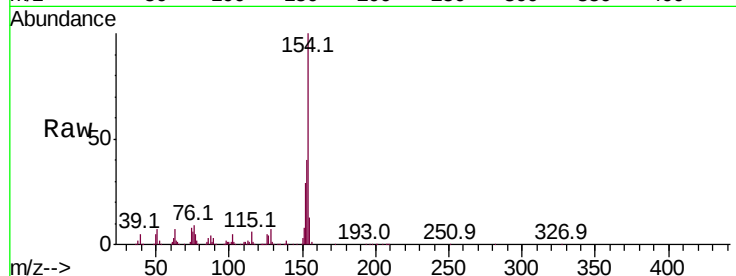
76 8.9 0.0 30.9

Manual Integrations

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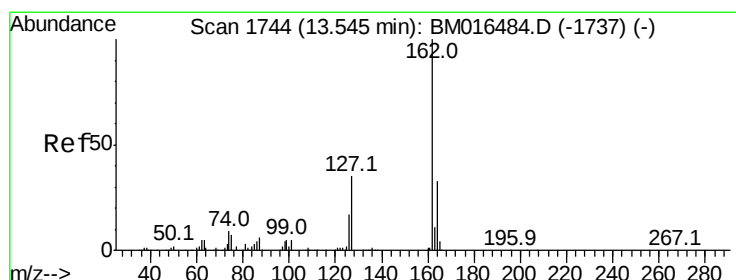
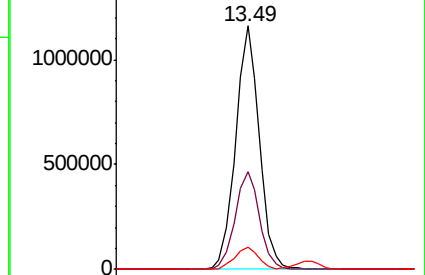
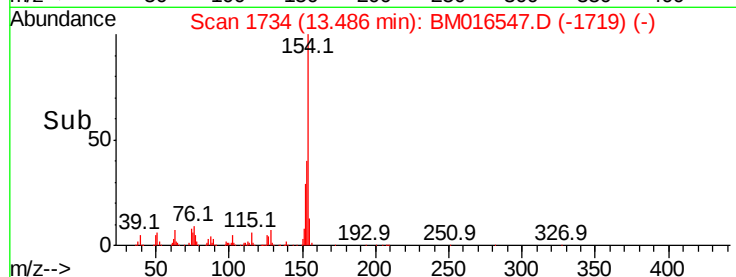
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM



#46

2-Chloronaphthalene

Concen: 36.881 ng

RT: 13.54 min Scan# 1743

Delta R.T. -0.01 min

Lab File: BM016547.D

Acq: 23 Aug 2018 09:40

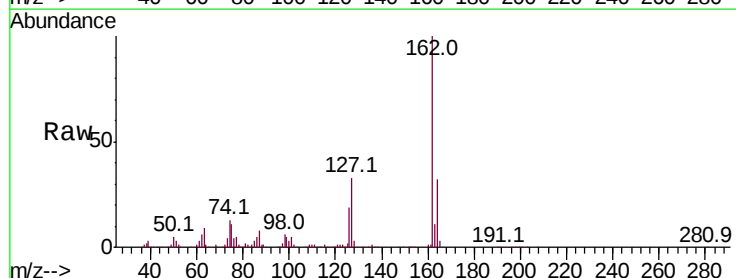
Tgt Ion:162 Resp: 1333521

Ion Ratio Lower Upper

162 100

127 32.7 26.9 40.3

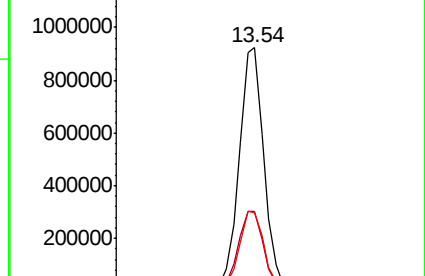
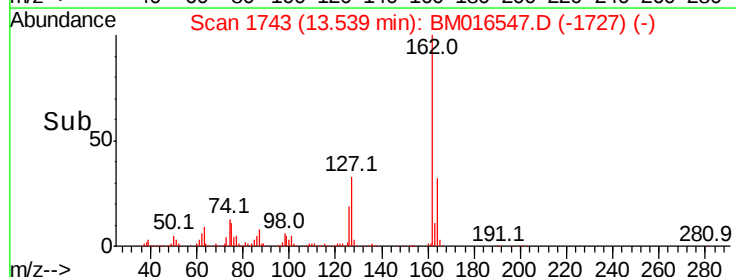
164 32.3 26.8 40.2

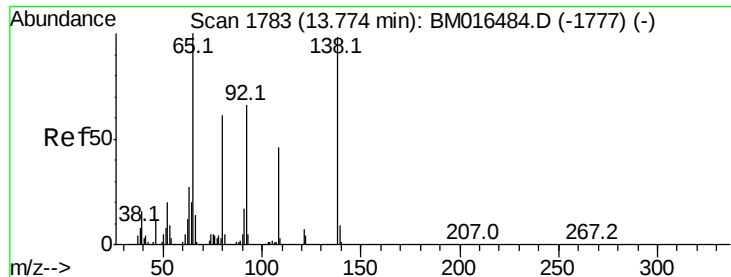


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 31.990 ng

RT: 13.77 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BM016547.D

Acq: 23 Aug 2018 09:40

Instrument :

BNA_M

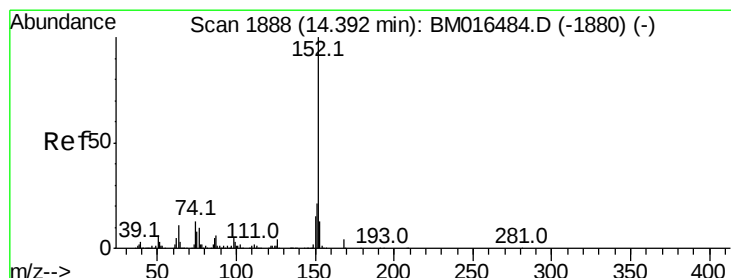
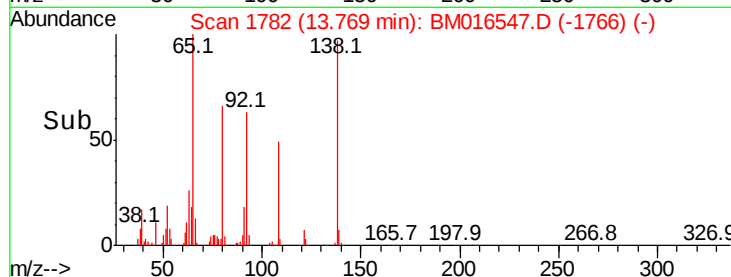
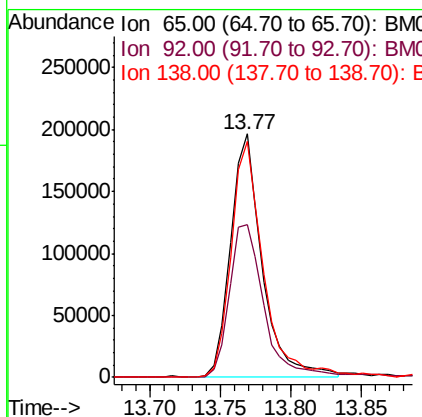
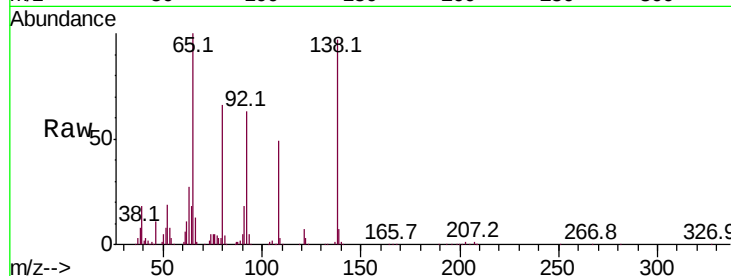
ClientSampleId :

PB112169BS

Tot Ion:	65	Resp:	308083
Ion Ratio	Lower	Upper	
65	100		
92	63.0	59.1	88.7
138	96.9	93.9	140.9

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#48

Acenaphthylene

Concen: 38.452 ng

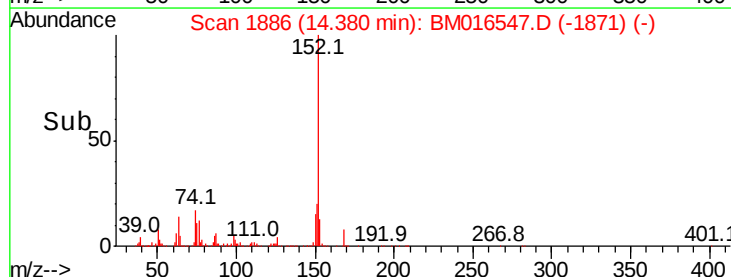
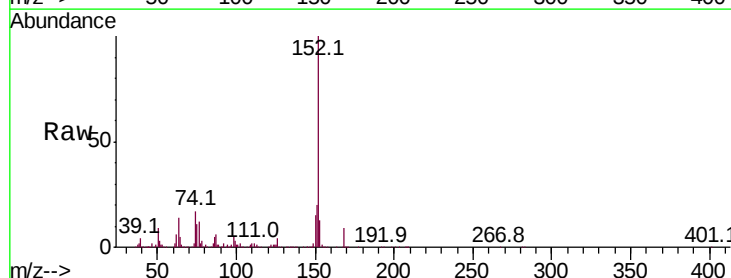
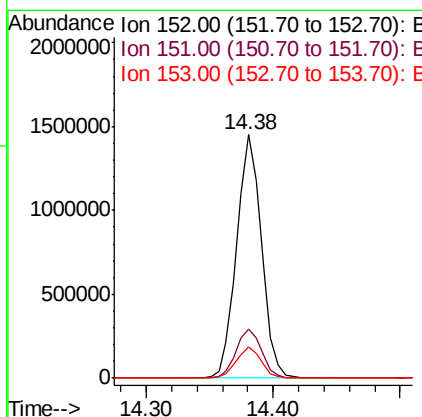
RT: 14.38 min Scan# 1886

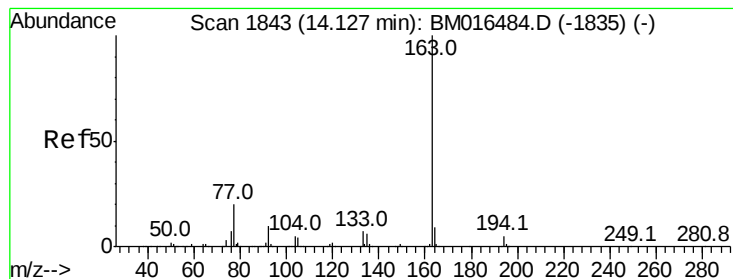
Delta R.T. -0.01 min

Lab File: BM016547.D

Acq: 23 Aug 2018 09:40

Tgt Ion:	152	Resp:	1962538
Ion Ratio	Lower	Upper	
152	100		
151	20.3	15.9	23.9
153	12.8	10.6	16.0





#49

Dimethylphthalate

Concen: 38.342 ng

RT: 14.12 min Scan# 1842

Delta R.T. -0.01 min

Lab File: BM016547.D

Acq: 23 Aug 2018 09:40

Instrument :

BNA_M

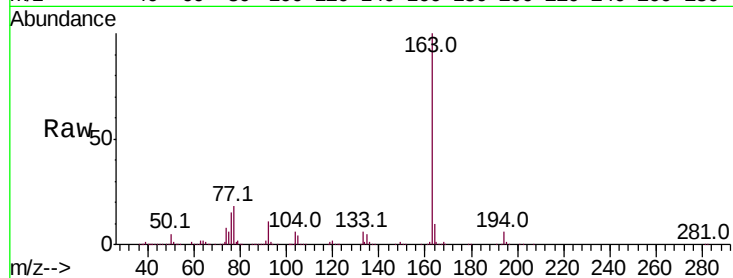
ClientSampleId :

PB112169BS

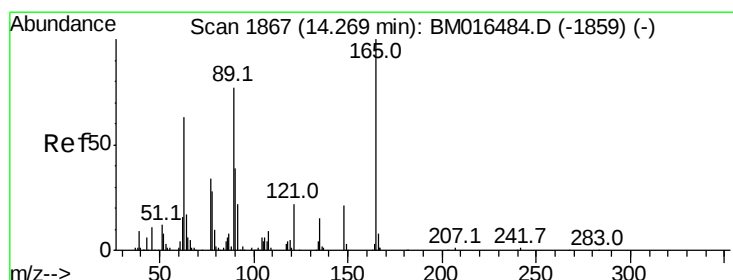
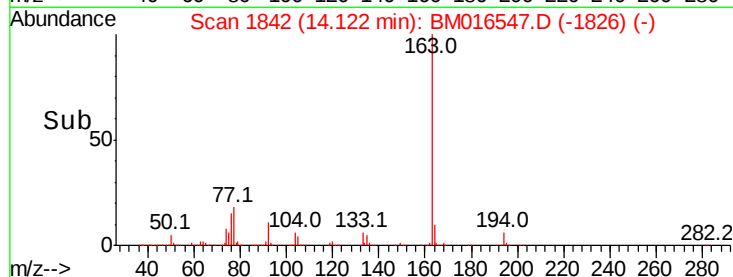
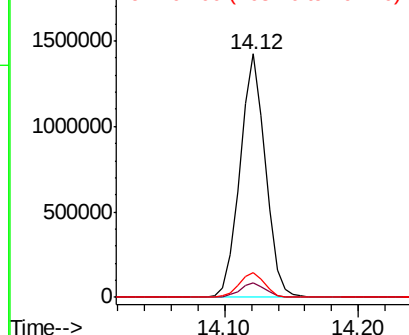
Tot Ion:163	Resp: 1869627		
Ion	Ratio	Lower	Upper
163	100		
194	5.9	2.7	4.1#
164	10.2	8.2	12.2

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



#50

2,6-Dinitrotoluene

Concen: 38.666 ng

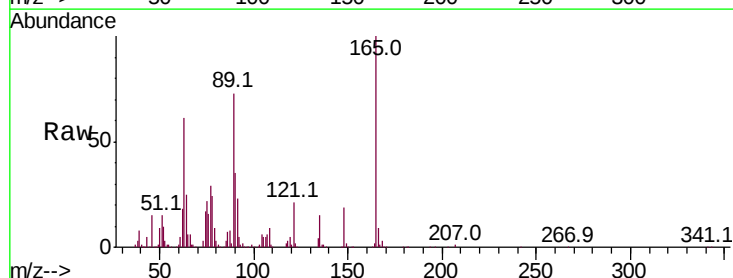
RT: 14.26 min Scan# 1866

Delta R.T. -0.01 min

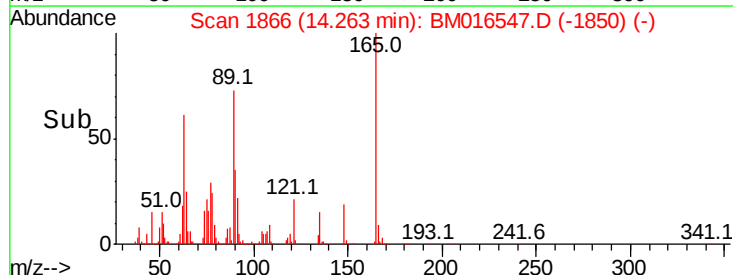
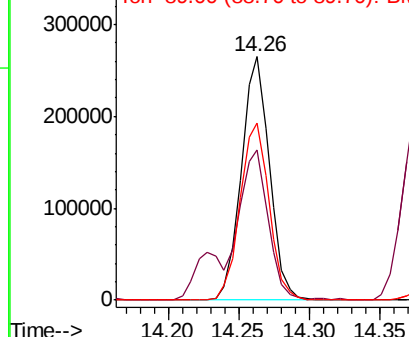
Lab File: BM016547.D

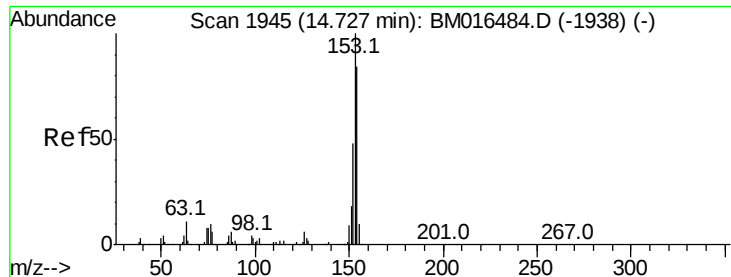
Acq: 23 Aug 2018 09:40

Tgt Ion:165	Resp: 367754		
Ion	Ratio	Lower	Upper
165	100		
63	61.5	44.1	66.1
89	72.8	44.3	66.5#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 89.00 (88.70 to 89.70): BM





#51

Acenaphthene

Concen: 36.727 ng

RT: 14.72 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BM016547.D

Acq: 23 Aug 2018 09:40

Instrument :

BNA_M

ClientSampleId :

PB112169BS

Tot Ion:154 Resp: 1151582

Ion Ratio Lower Upper

154 100

153 116.0 90.0 135.0

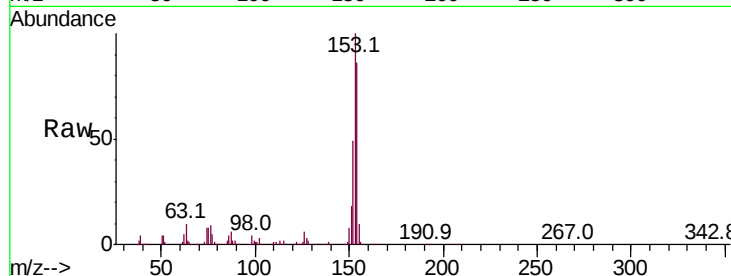
152 56.6 42.6 63.8

Manual Integrations

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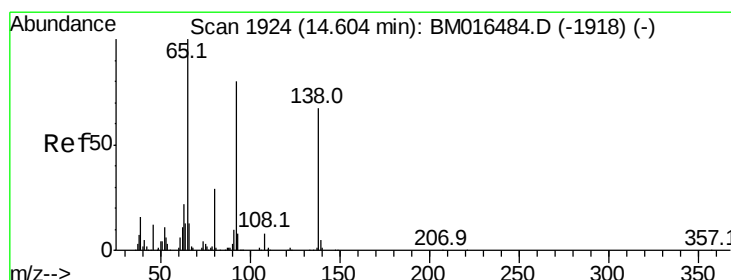
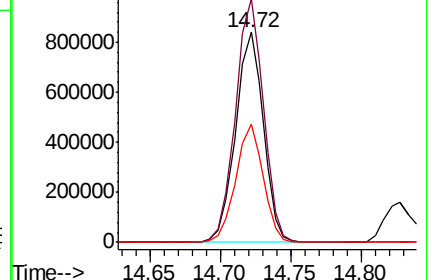
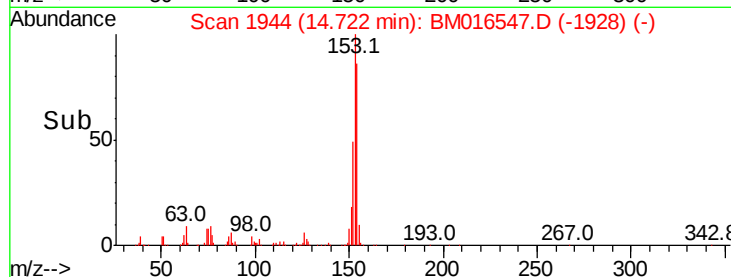
8/23/2018 6:39:28 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 18.043 ng m

RT: 14.60 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BM016547.D

Acq: 23 Aug 2018 09:40

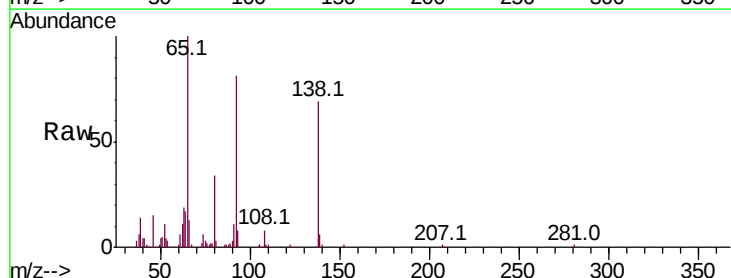
Tgt Ion:138 Resp: 156144

Ion Ratio Lower Upper

138 100

108 10.8 7.3 10.9

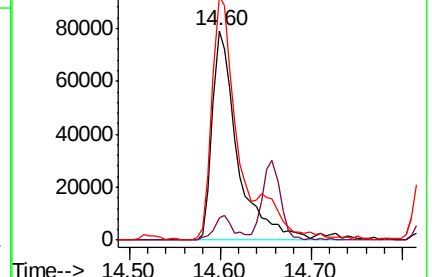
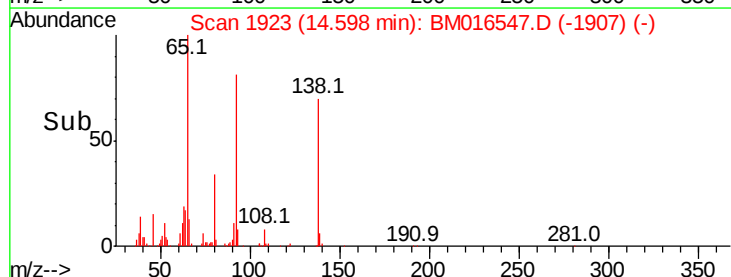
92 116.2 76.6 114.8#

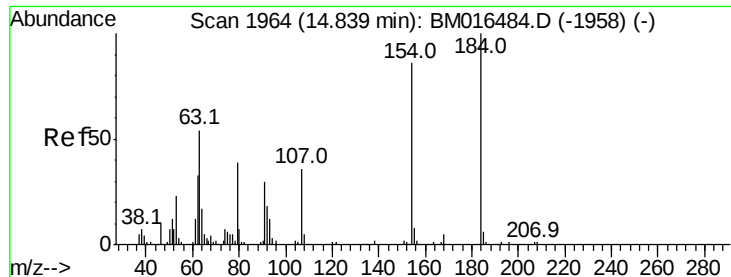


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





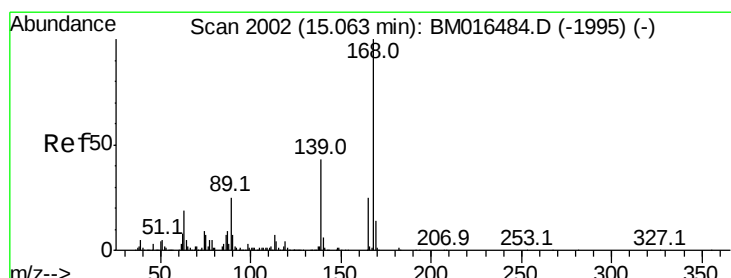
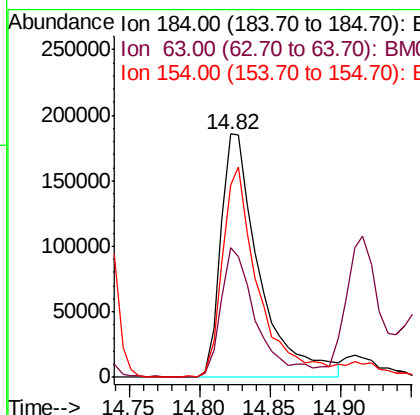
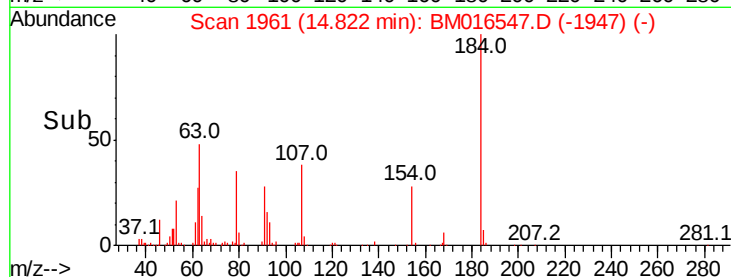
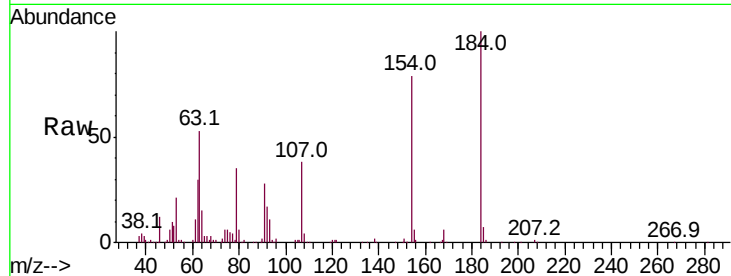
#53
2,4-Dinitrophenol
Concen: 74.359 ng
RT: 14.82 min Scan# 1961
Delta R.T. -0.02 min
Lab File: BM016547.D
Acq: 23 Aug 2018 09:40

Instrument :
BNA_M
ClientSampled :
PB112169BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	53.1	69.2	103.8#	
154	79.1	53.3	79.9	

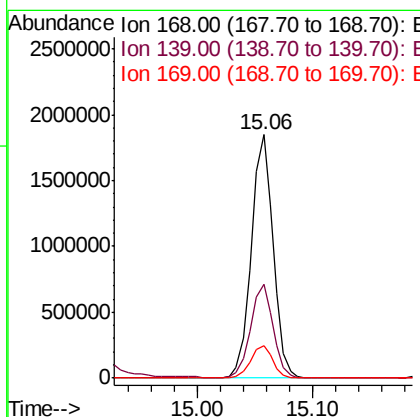
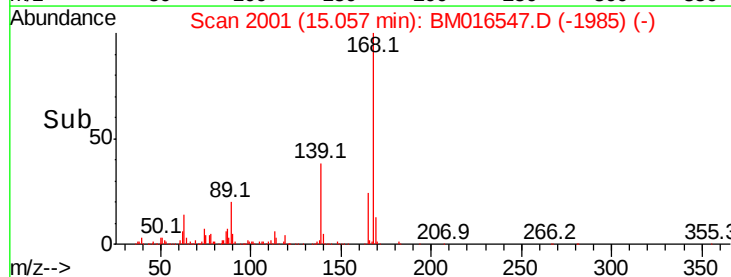
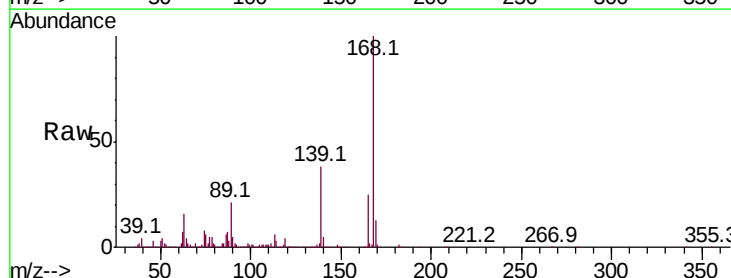
Manual Integrations
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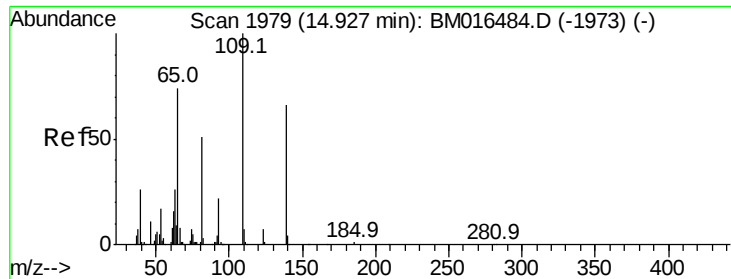
Sohil
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#54
Dibenzofuran
Concen: 40.339 ng
RT: 15.06 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BM016547.D
Acq: 23 Aug 2018 09:40

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	38.5	27.3	40.9	
169	13.1	10.6	16.0	





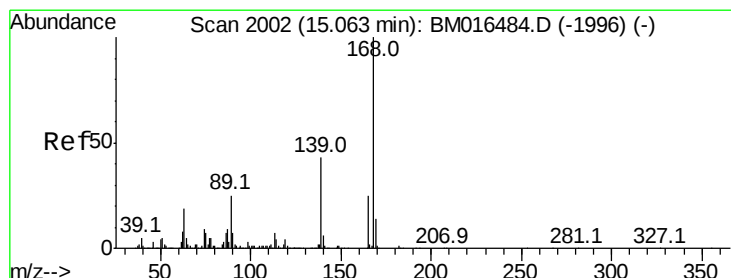
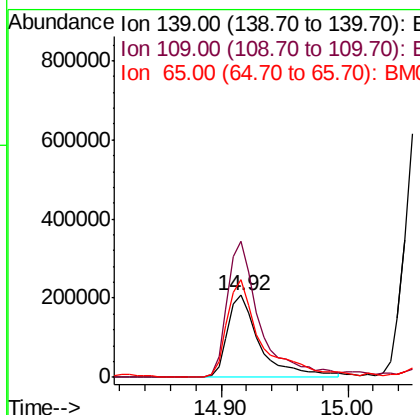
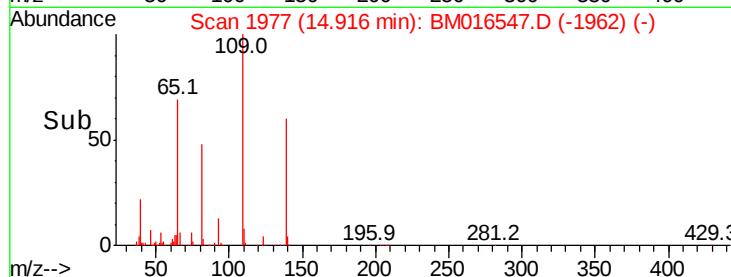
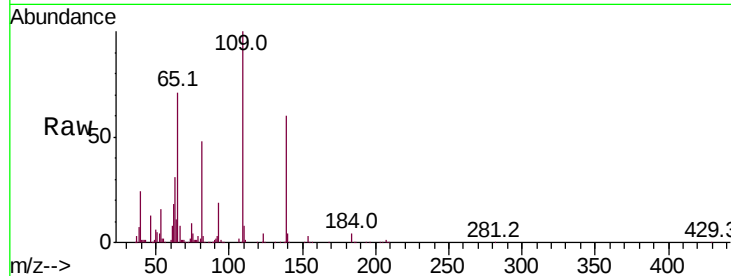
#55
4-Nitrophenol
Concen: 66.504 ng
RT: 14.92 min Scan# 1977
Delta R.T. -0.01 min
Lab File: BM016547.D
Acq: 23 Aug 2018 09:40

Instrument :
BNA_M
ClientSampleId :
PB112169BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	166.7	130.0	170.0
65	118.9	130.0	170.0

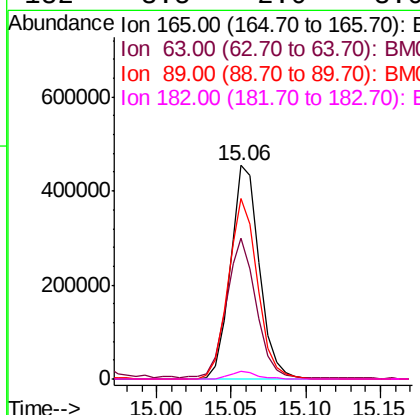
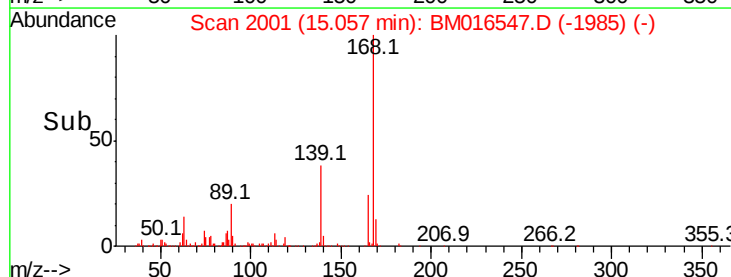
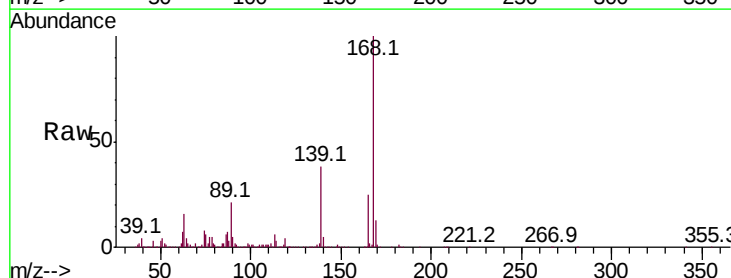
Manual Integrations
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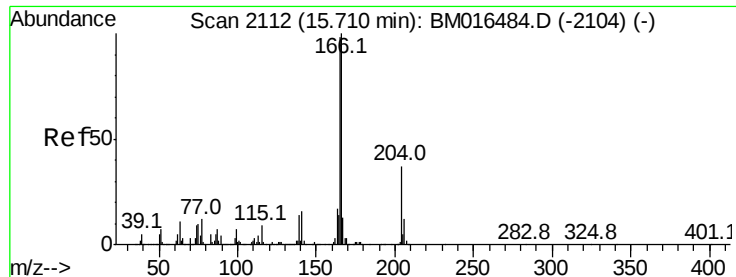
Sohil
8/23/2018 6:39:28 PM



#56
2,4-Dinitrotoluene
Concen: 38.693 ng
RT: 15.06 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BM016547.D
Acq: 23 Aug 2018 09:40

Tgt Ion	Ratio	Lower	Upper
165	100		
63	65.8	52.4	78.6
89	84.6	72.4	108.6
182	3.5	2.0	3.0





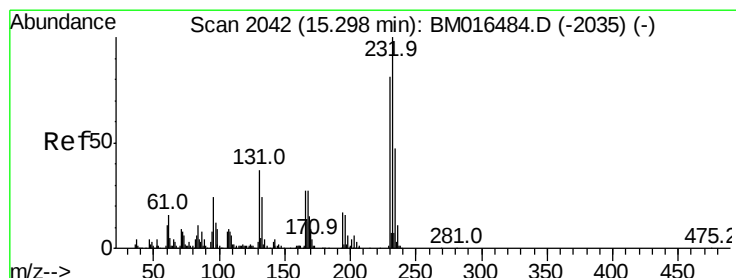
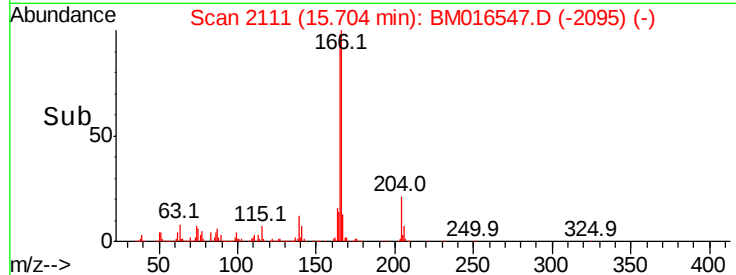
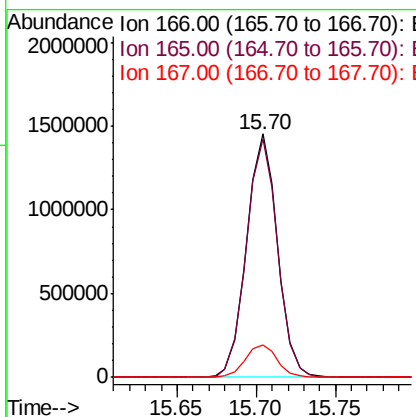
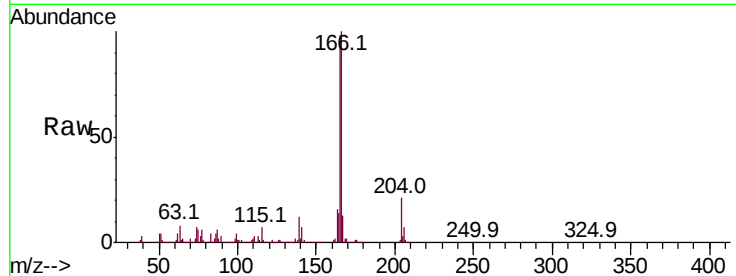
#57
 Fluorene
 Concen: 43.382 ng
 RT: 15.70 min Scan# 2111
 Delta R.T. -0.01 min
 Lab File: BM016547.D
 Acq: 23 Aug 2018 09:40

Instrument :
 BNA_M
 ClientSampleId :
 PB112169BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.8	79.0	118.4
167	13.2	10.3	15.5

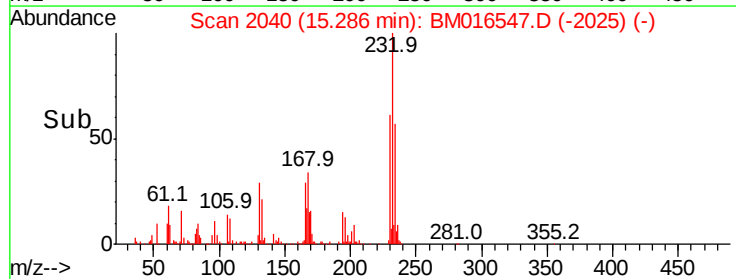
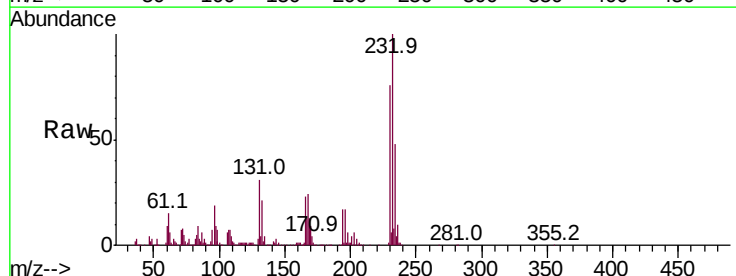
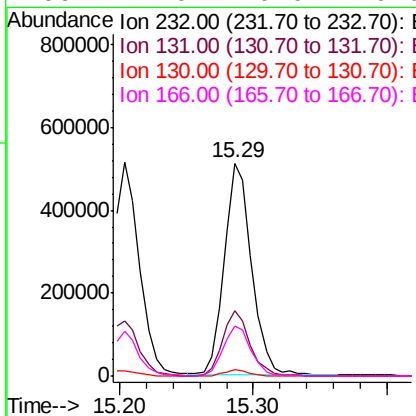
Manual Integrations
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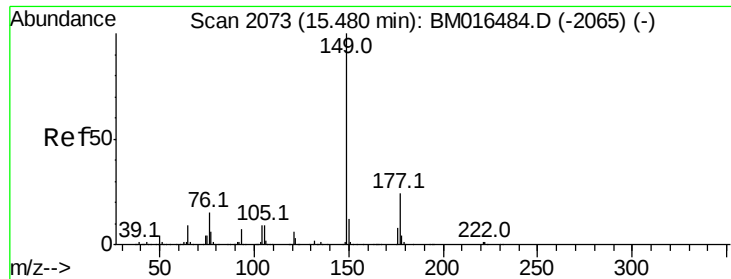
Sohil
 8/23/2018 6:39:28 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.432 ng
 RT: 15.29 min Scan# 2040
 Delta R.T. -0.01 min
 Lab File: BM016547.D
 Acq: 23 Aug 2018 09:40

Tgt Ion	Ratio	Lower	Upper
232	100		
131	30.5	0.0	0.0#
130	2.8	0.0	0.0#
166	24.0	0.0	0.0#





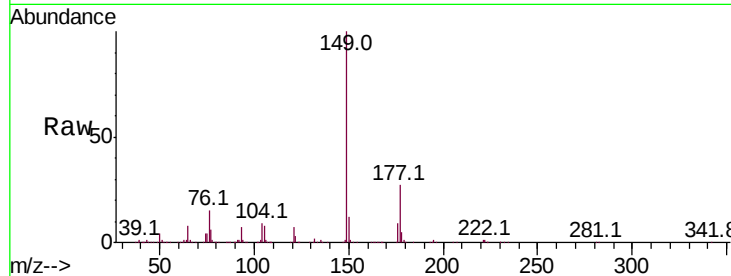
#59
Diethylphthalate
Concen: 35.864 ng
RT: 15.47 min Scan# 2072
Delta R.T. -0.01 min
Lab File: BM016547.D
Acq: 23 Aug 2018 09:40

Instrument :
BNA_M
ClientSampleId :
PB112169BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	27.3	18.3	27.5
150	12.3	9.8	14.8

Manual Integrations
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8/23/2018 6:39:28 PM

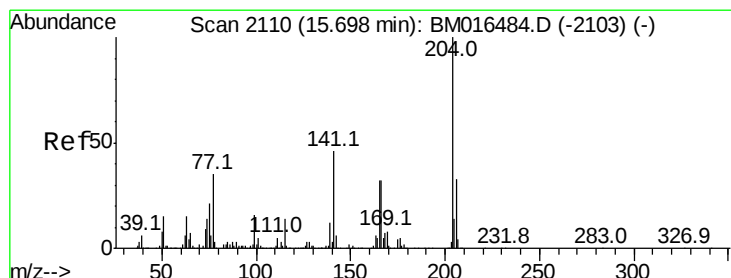
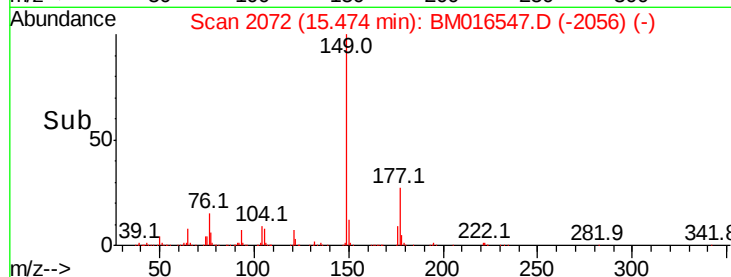
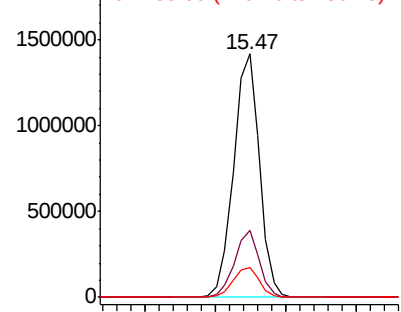


Abundance

Ion 149.00 (148.70 to 149.70): E

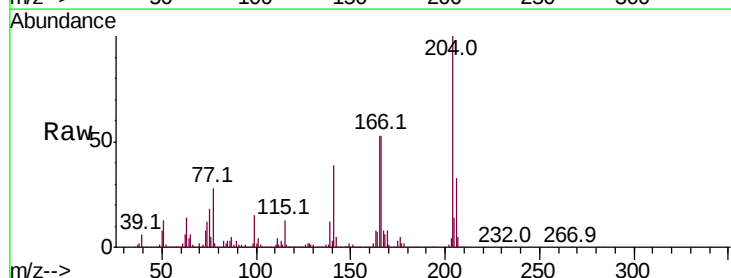
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60
4-Chlorophenyl-phenylether
Concen: 41.801 ng
RT: 15.69 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BM016547.D
Acq: 23 Aug 2018 09:40

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.6	39.8
141	39.0	45.2	67.8#

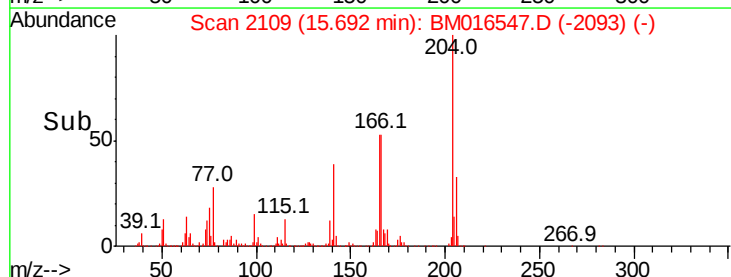
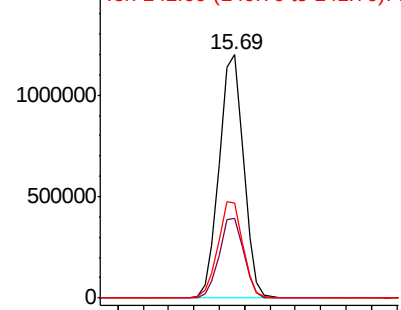


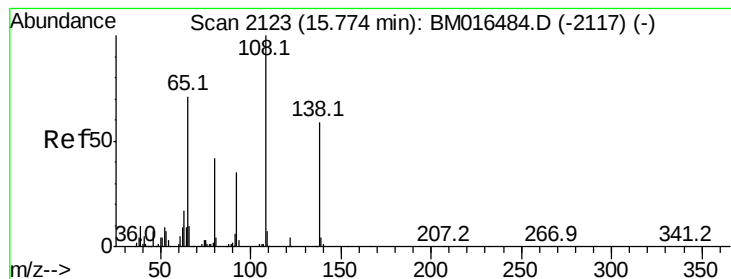
Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





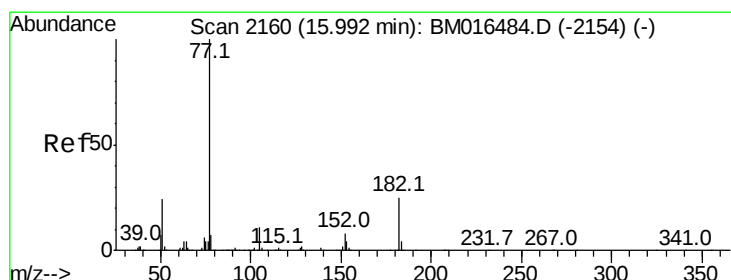
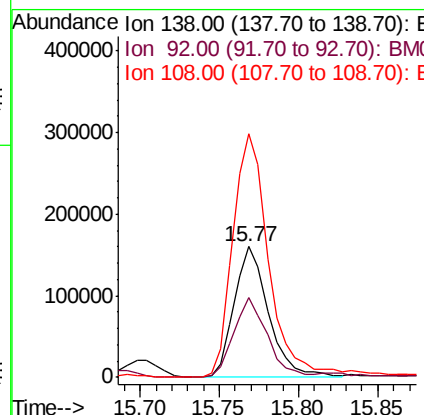
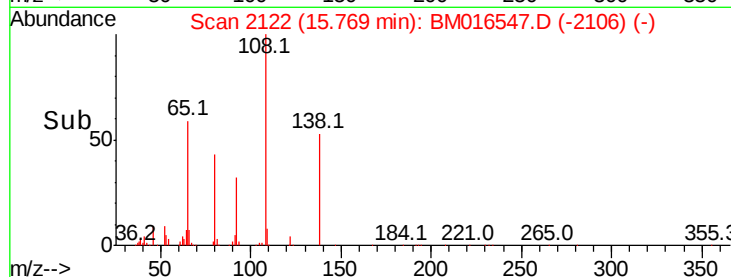
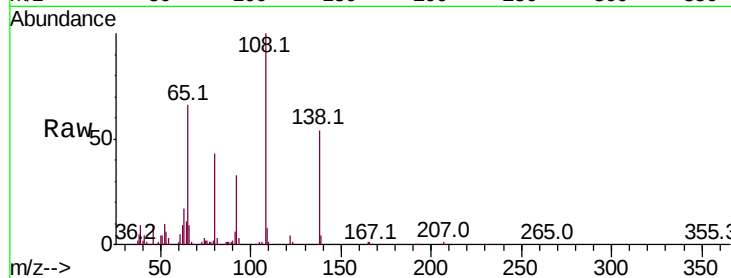
#61
4-Nitroaniline
Concen: 28.484 ng
RT: 15.77 min Scan# 2122
Delta R.T. -0.01 min
Lab File: BM016547.D
Acq: 23 Aug 2018 09:40

Instrument :
BNA_M
ClientSampleId :
PB112169BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	60.9	16.7	56.7#
108	186.3	37.6	77.6#

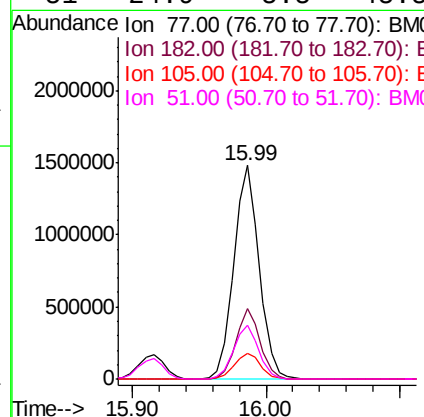
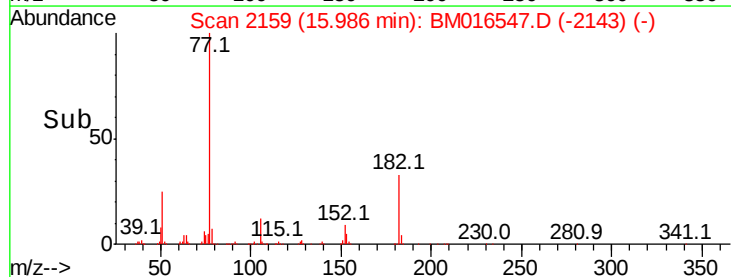
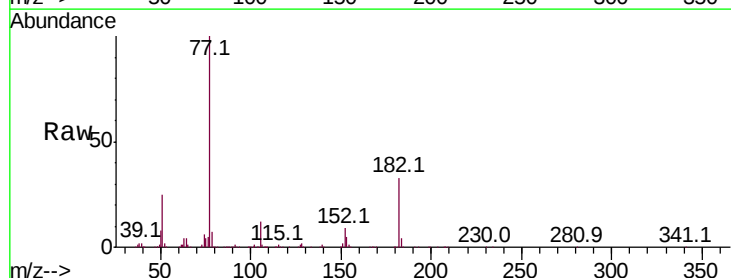
Manual Integrations
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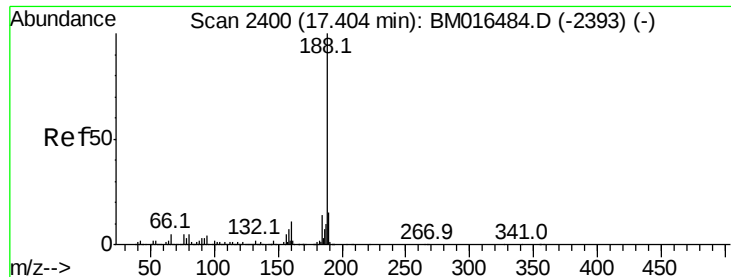
Sohil
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#62
Azobenzene
Concen: 36.123 ng
RT: 15.99 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BM016547.D
Acq: 23 Aug 2018 09:40

Tgt Ion	Ratio	Lower	Upper
77	100		
182	32.7	6.5	46.5
105	12.2	3.8	43.8
51	24.9	5.5	45.5





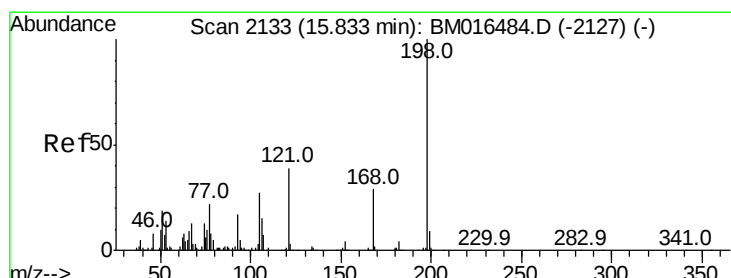
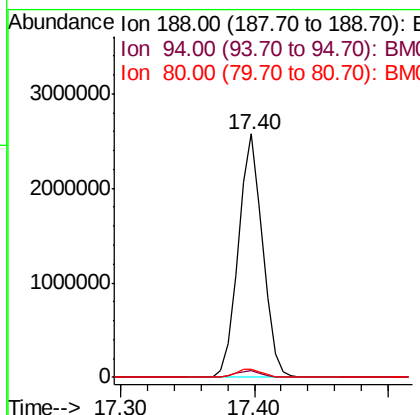
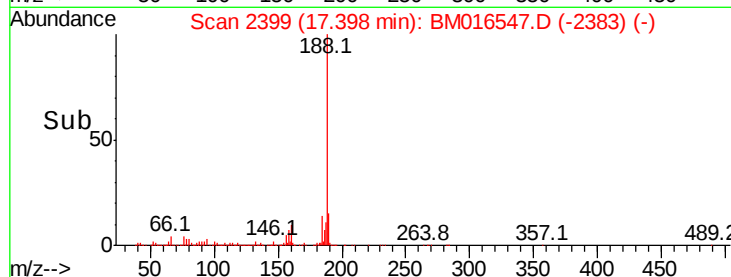
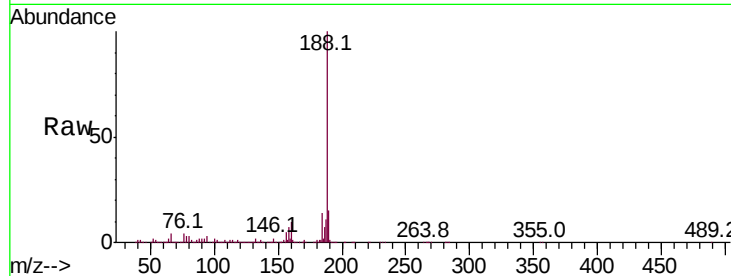
#63
Phenanthrene-d10
Concen: 40.000 ng
RT: 17.40 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BM016547.D
Acq: 23 Aug 2018 09:40

Instrument :
BNA_M
ClientSampleId :
PB112169BS

Tot Ion	Ratio	Lower	Upper
188	100		
94	2.8	8.7	13.1#
80	3.5	9.3	13.9#

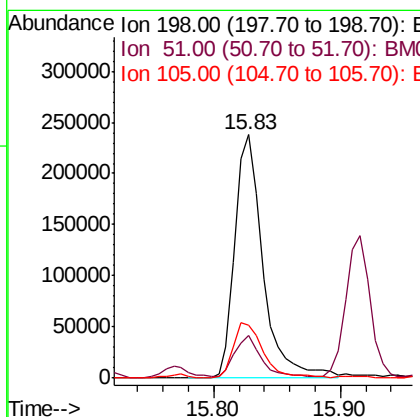
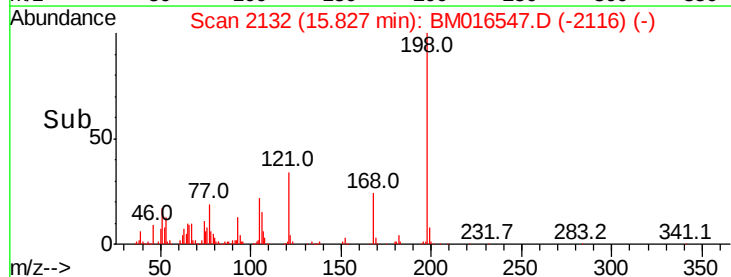
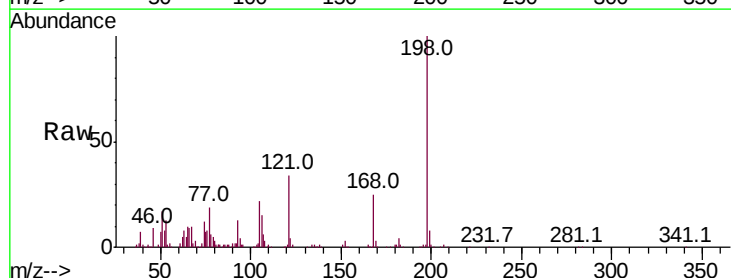
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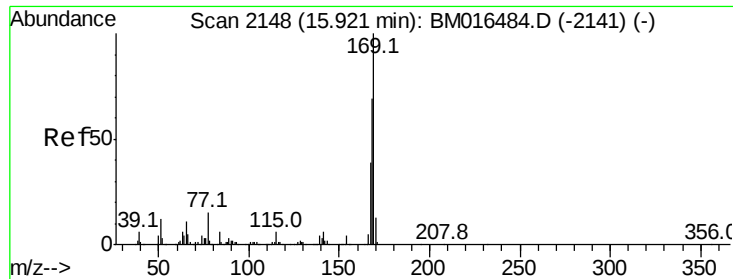
Sohil
8/23/2018 6:39:28 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 29.611 ng
RT: 15.83 min Scan# 2132
Delta R.T. -0.01 min
Lab File: BM016547.D
Acq: 23 Aug 2018 09:40

Tgt Ion	Ratio	Lower	Upper
198	100		
51	17.3	28.8	68.8#
105	22.0	30.5	70.5#





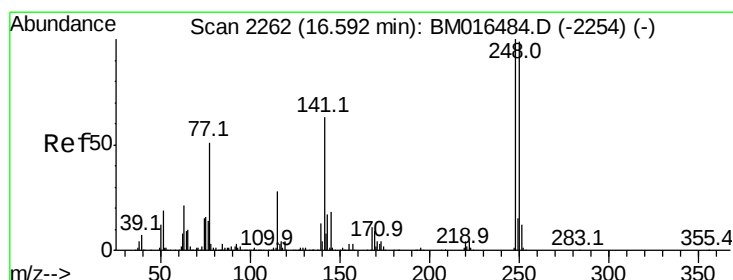
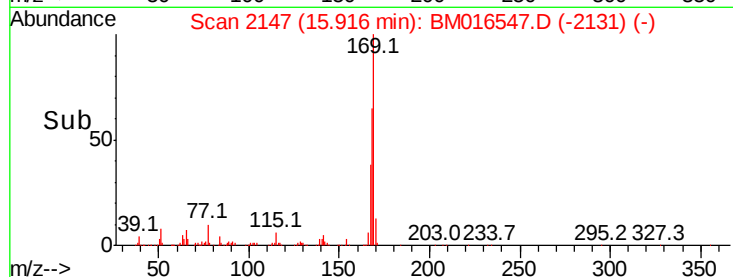
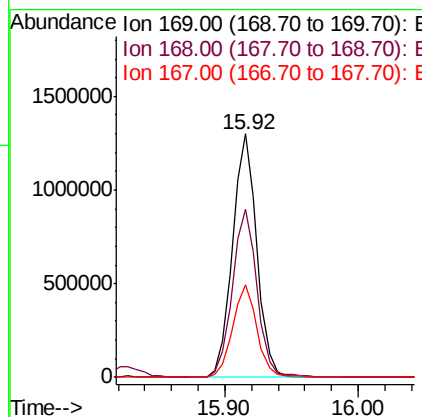
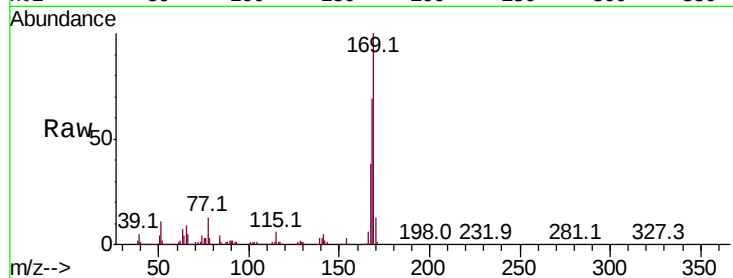
#65
n-Nitrosodiphenylamine
Concen: 36.192 ng
RT: 15.92 min Scan# 2147
Delta R.T. -0.01 min
Lab File: BM016547.D
Acq: 23 Aug 2018 09:40

Instrument :
BNA_M
ClientSampleId :
PB112169BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	69.2	53.9	80.9
167	38.1	28.9	43.3

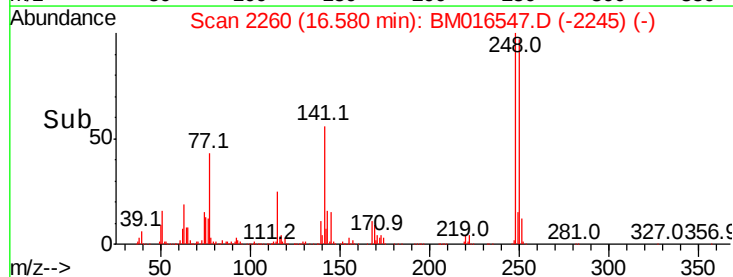
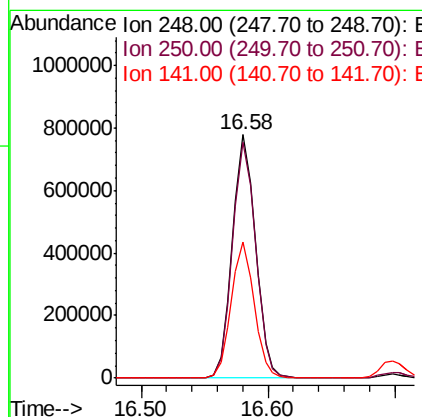
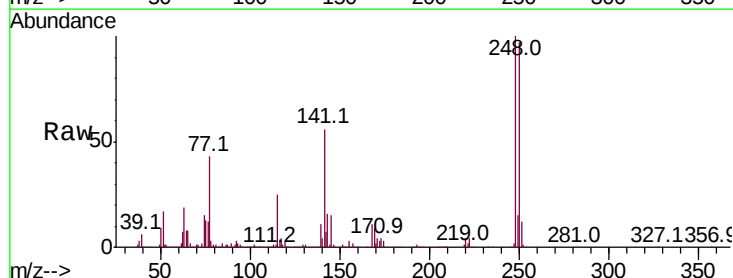
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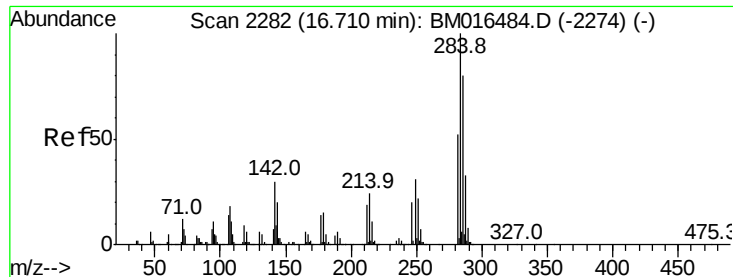
Sohil
8/23/2018 6:39:28 PM



#66
4-Bromophenyl-phenylether
Concen: 39.449 ng
RT: 16.58 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BM016547.D
Acq: 23 Aug 2018 09:40

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.8	77.4	116.0
141	55.9	45.2	67.8





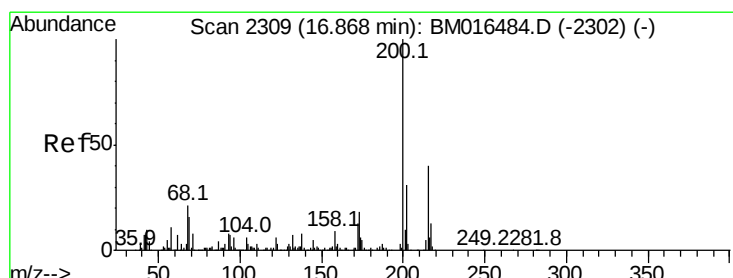
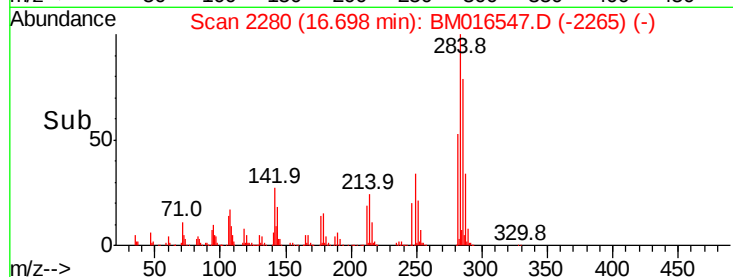
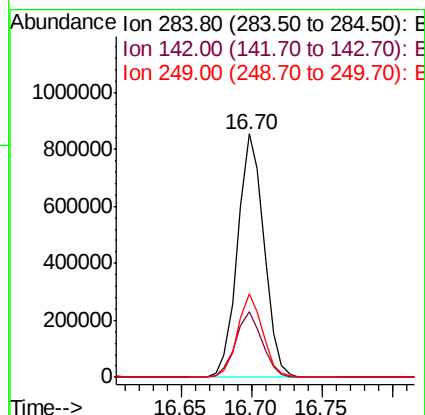
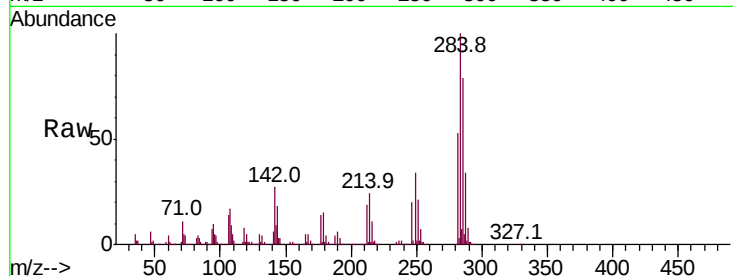
#67
Hexachlorobenzene
Concen: 38.383 ng
RT: 16.70 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BM016547.D
Acq: 23 Aug 2018 09:40

Instrument :
BNA_M
ClientSampleId :
PB112169BS

Tot Ion	Ratio	Lower	Upper
284	100		
142	26.8	20.4	30.6
249	34.5	23.8	35.6

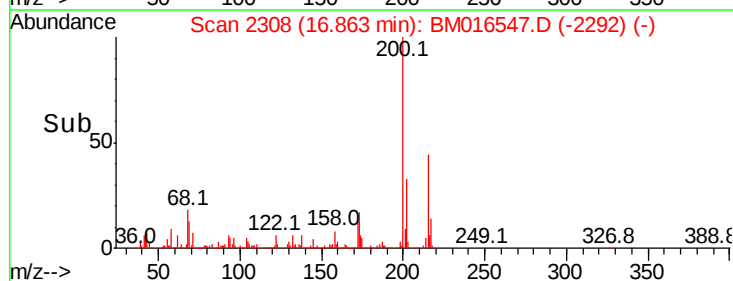
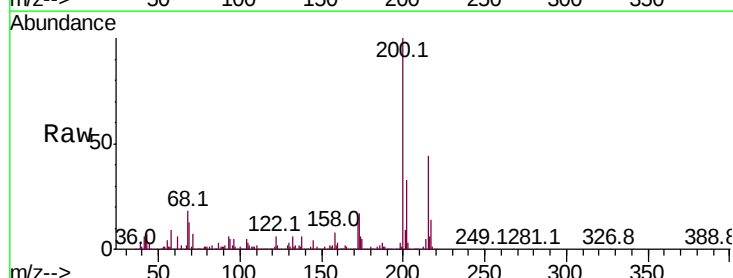
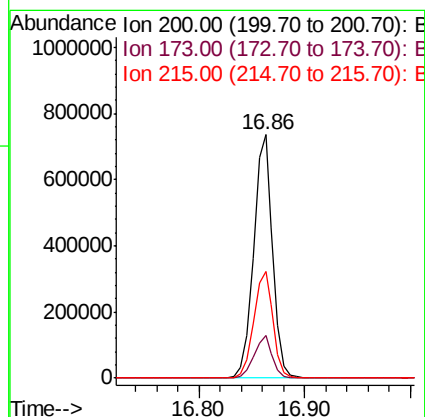
Manual Integrations
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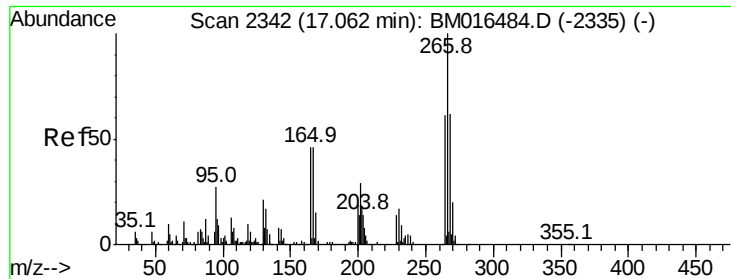
Sohil
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#68
Atrazine
Concen: 44.129 ng
RT: 16.86 min Scan# 2308
Delta R.T. -0.01 min
Lab File: BM016547.D
Acq: 23 Aug 2018 09:40

Tgt Ion	Ratio	Lower	Upper
200	100		
173	17.5	4.8	44.8
215	43.9	26.9	66.9





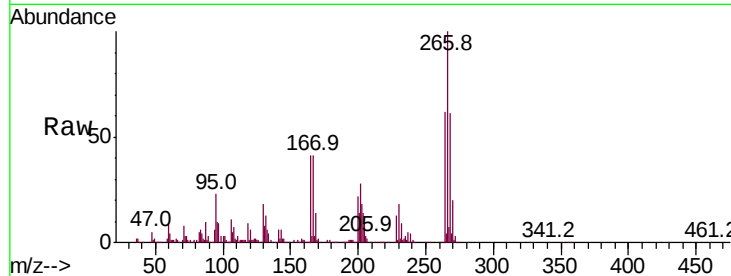
#69
 Pentachlorophenol
 Concen: 65.194 ng
 RT: 17.05 min Scan# 2340
 Delta R.T. -0.01 min
 Lab File: BM016547.D
 Acq: 23 Aug 2018 09:40

Instrument :
 BNA_M
 ClientSampleId :
 PB112169BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	60.6	52.0	78.0
264	62.4	49.0	73.4

Manual Integrations
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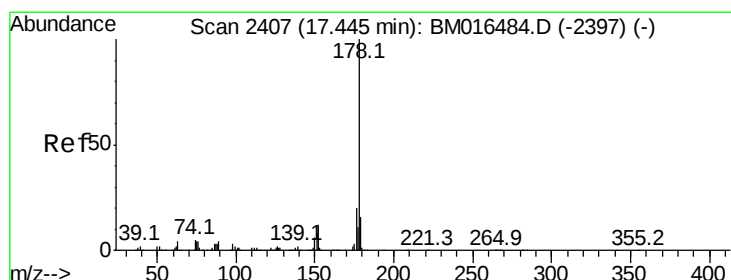
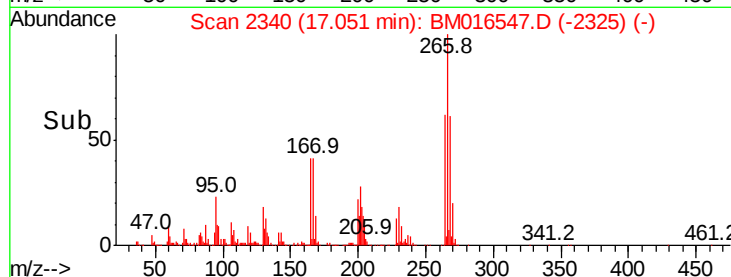
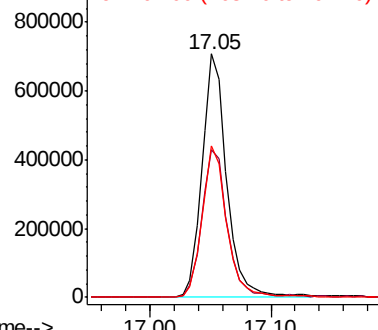


Abundance

Ion 265.70 (265.40 to 266.40): E

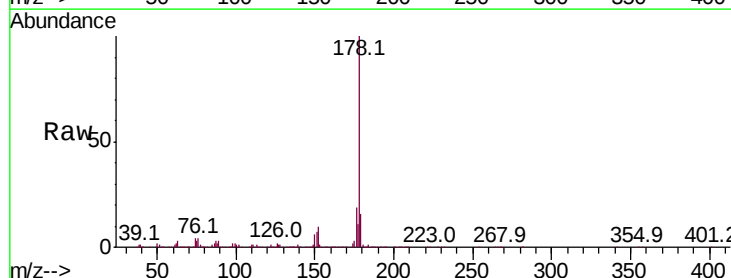
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 40.055 ng
 RT: 17.44 min Scan# 2406
 Delta R.T. -0.01 min
 Lab File: BM016547.D
 Acq: 23 Aug 2018 09:40

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.2	22.8
179	15.9	12.1	18.1

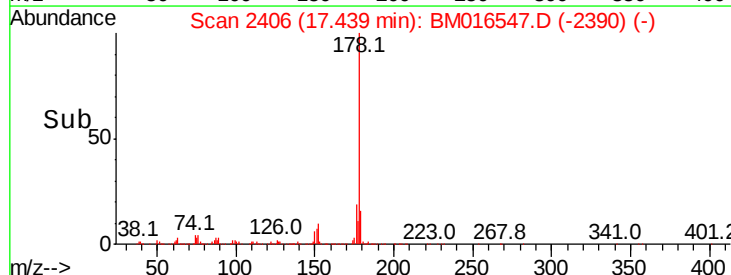
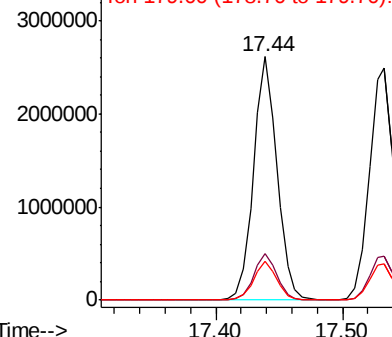


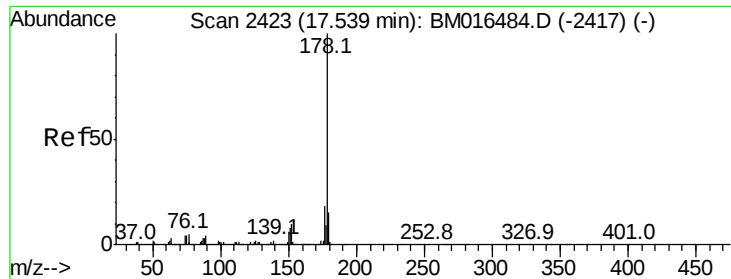
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





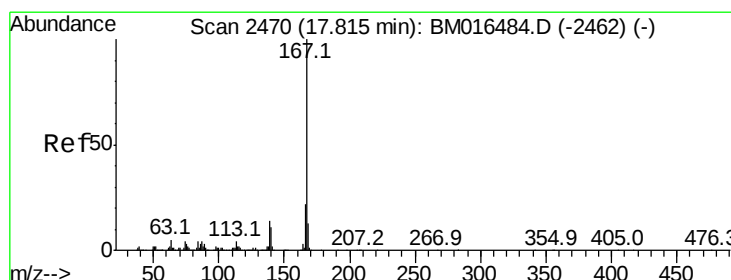
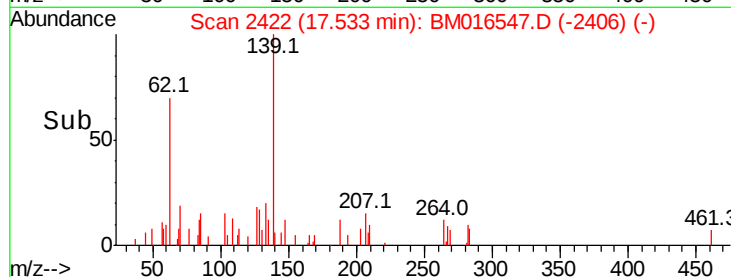
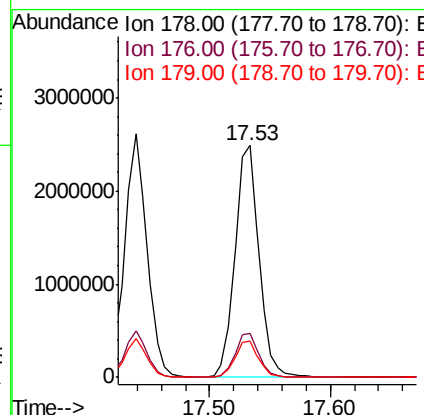
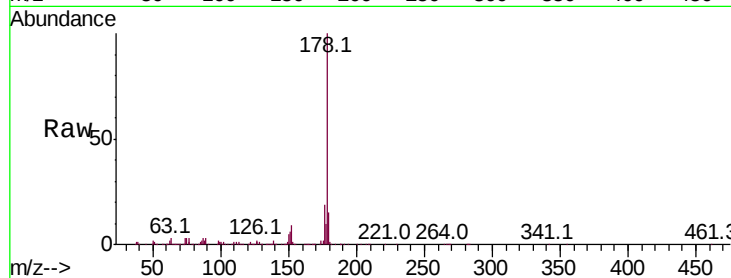
#71
 Anthracene
 Concen: 41.282 ng
 RT: 17.53 min Scan# 2422
 Delta R.T. -0.01 min
 Lab File: BM016547.D
 Acq: 23 Aug 2018 09:40

Instrument :
 BNA_M
 ClientSampleId :
 PB112169BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	14.6	22.0
179	15.5	12.6	19.0

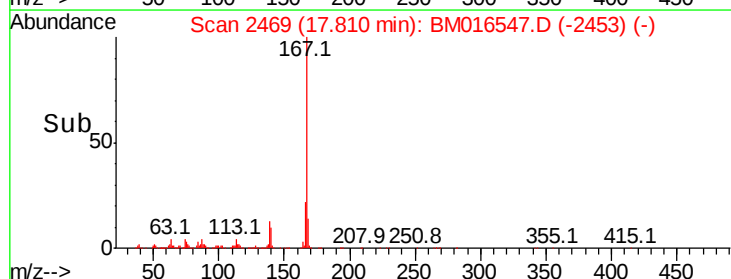
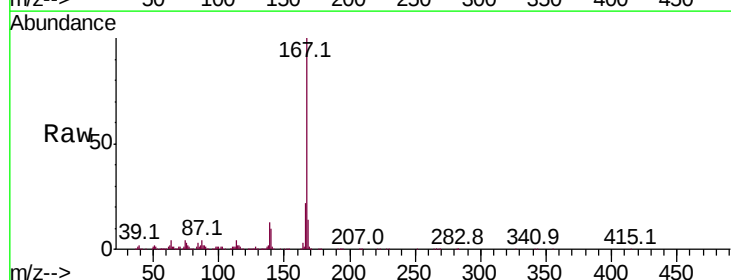
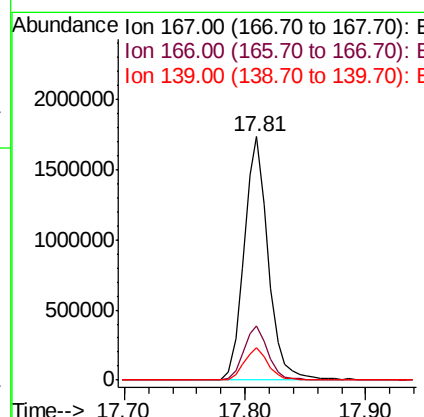
Manual Integrations
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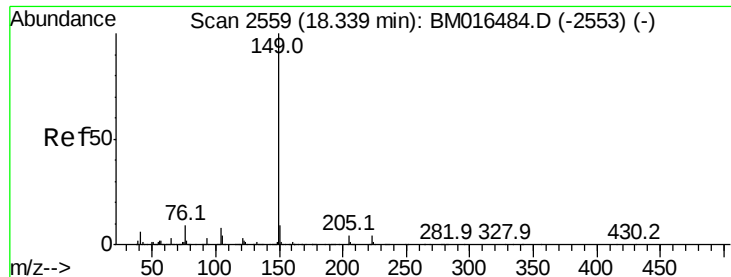
Sohil
 8/23/2018 6:39:28 PM



#72
 Carbazole
 Concen: 32.268 ng
 RT: 17.81 min Scan# 2469
 Delta R.T. -0.01 min
 Lab File: BM016547.D
 Acq: 23 Aug 2018 09:40

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.2	25.8
139	13.2	10.8	16.2





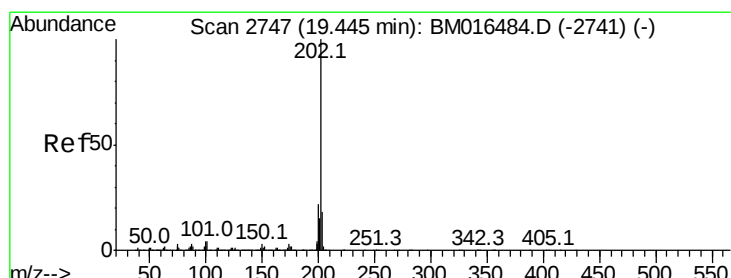
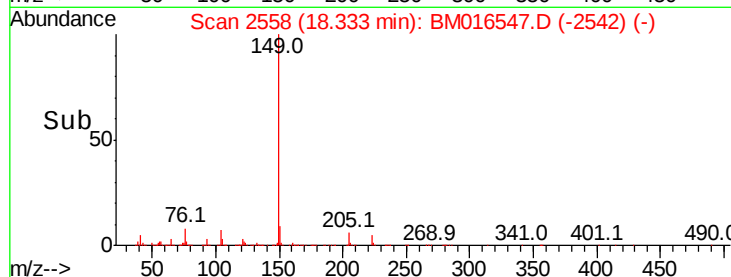
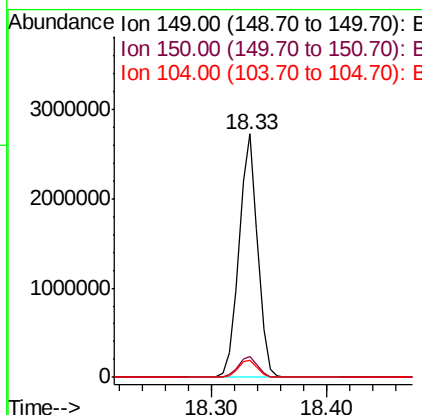
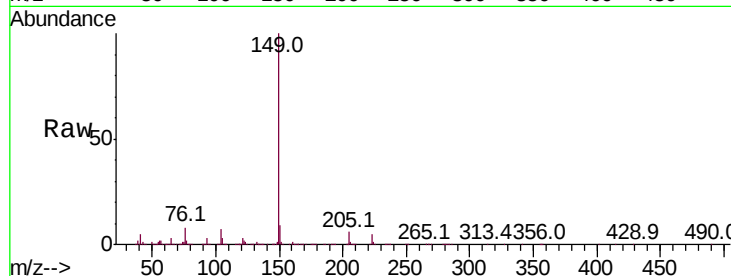
#73
Di-n-butylphthalate
Concen: 33.117 ng
RT: 18.33 min Scan# 2558
Delta R.T. -0.01 min
Lab File: BM016547.D
Acq: 23 Aug 2018 09:40

Instrument :
BNA_M
ClientSampleId :
PB112169BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	8.7	7.5	11.3
104	7.2	3.7	5.5

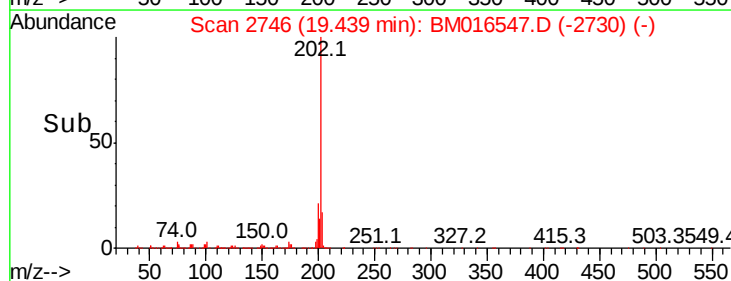
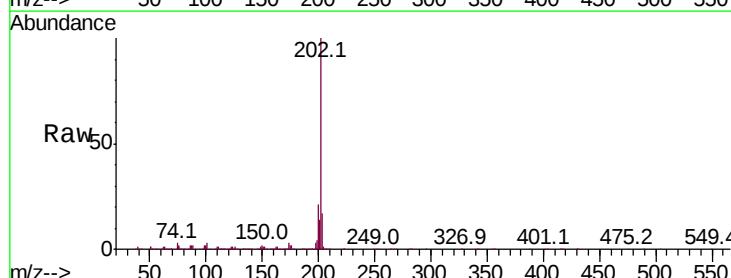
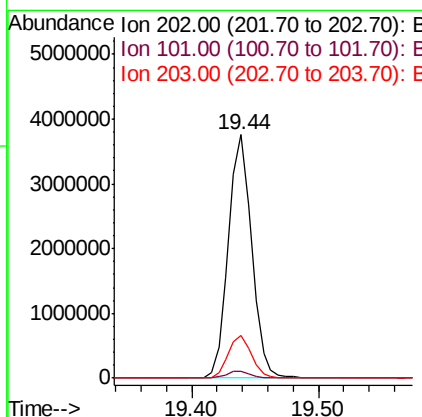
Manual Integrations
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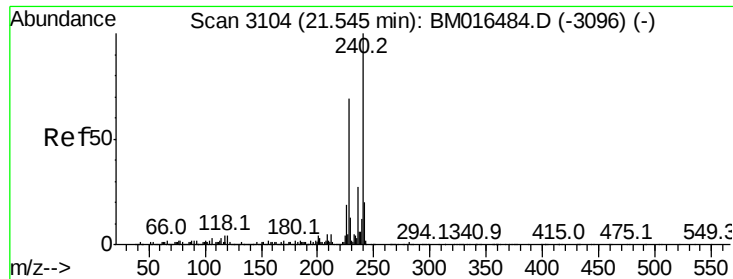
Sohil
8/23/2018 6:39:28 PM



#74
Fluoranthene
Concen: 38.794 ng
RT: 19.44 min Scan# 2746
Delta R.T. -0.01 min
Lab File: BM016547.D
Acq: 23 Aug 2018 09:40

Tgt Ion	Ratio	Lower	Upper
202	100		
101	2.7	0.0	28.7
203	17.4	0.0	37.2





#75

Chrysene-d12

Concen: 40.000 ng

RT: 21.54 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BM016547.D

Acq: 23 Aug 2018 09:40

Instrument :

BNA_M

ClientSampleId :

PB112169BS

Tot Ion:240 Resp: 4135954

Ion Ratio Lower Upper

240 100

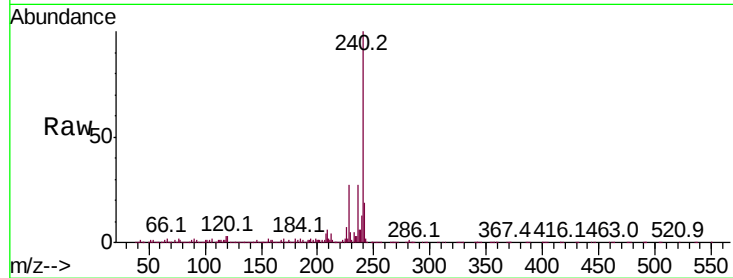
120 2.9 8.2 12.2#

236 26.9 20.0 30.0

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APPROVED

Sohil

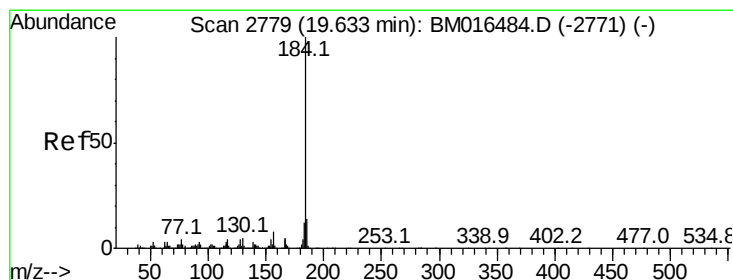
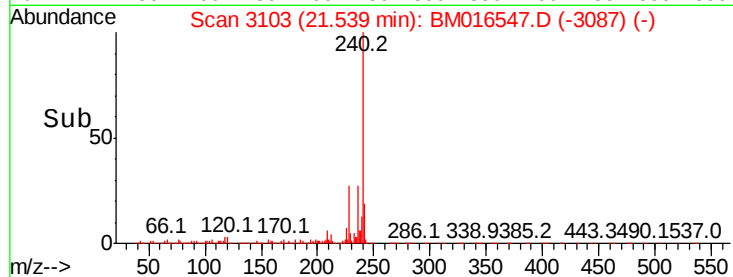
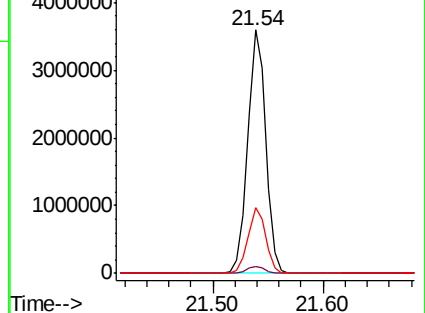
8/23/2018 6:39:28 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 50.749 ng

RT: 19.63 min Scan# 2778

Delta R.T. -0.01 min

Lab File: BM016547.D

Acq: 23 Aug 2018 09:40

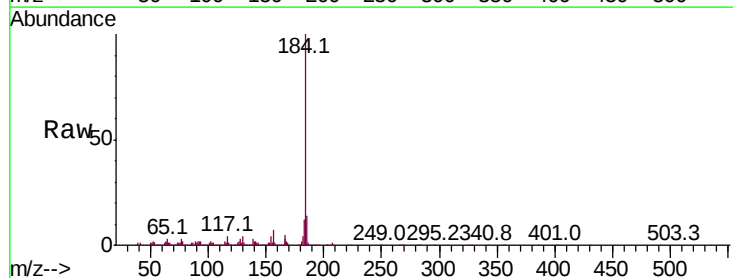
Tgt Ion:184 Resp: 2018274

Ion Ratio Lower Upper

184 100

185 13.7 11.3 16.9

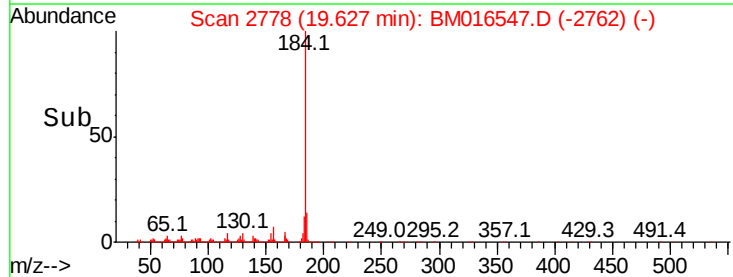
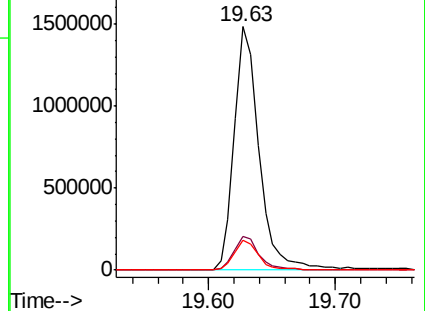
183 12.3 8.9 13.3

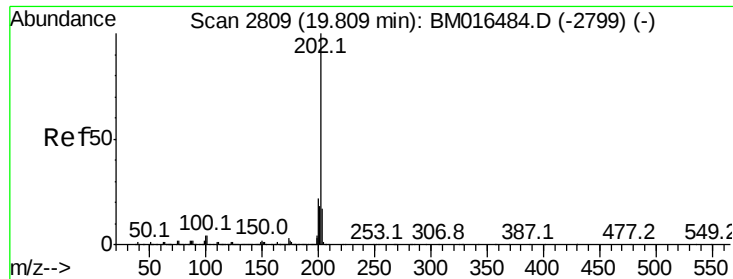


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





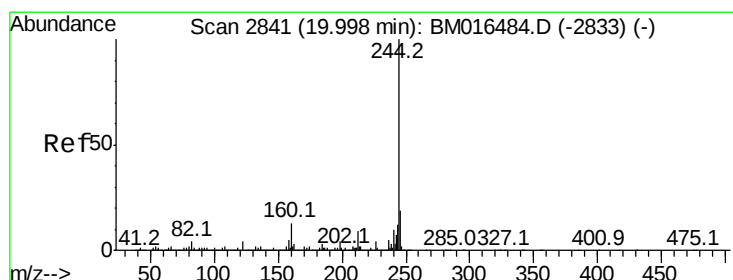
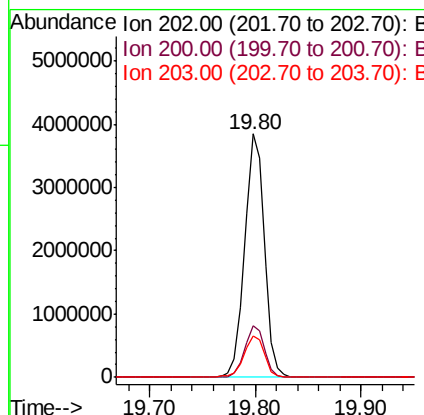
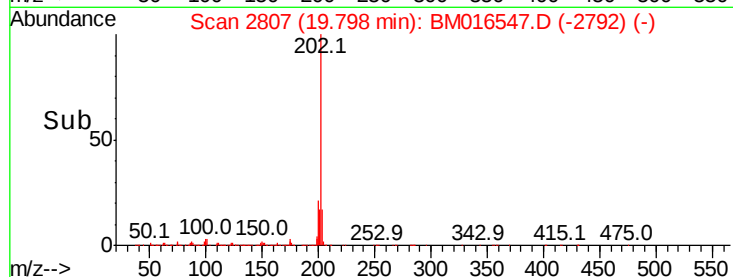
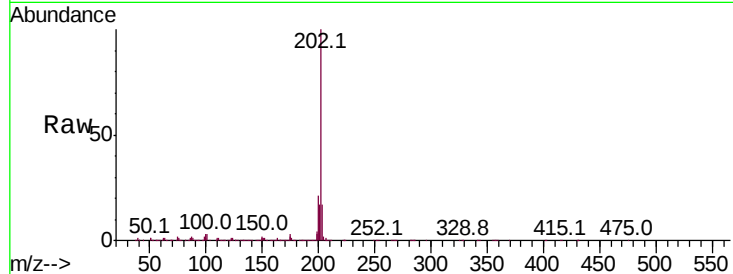
#77
Pvrene
Concen: 43.773 ng
RT: 19.80 min Scan# 2807
Delta R.T. -0.01 min
Lab File: BM016547.D
Acq: 23 Aug 2018 09:40

Instrument :
BNA_M
ClientSampleId :
PB112169BS

Tot Ion:	202	Resp:	4919459
Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	17.1	14.1	21.1

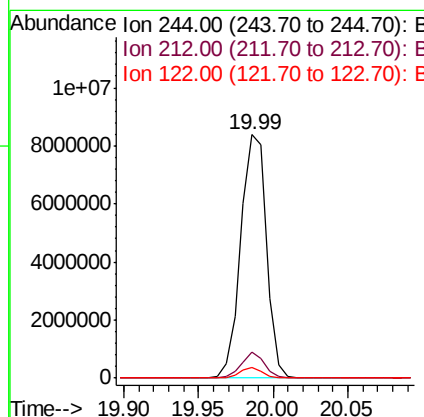
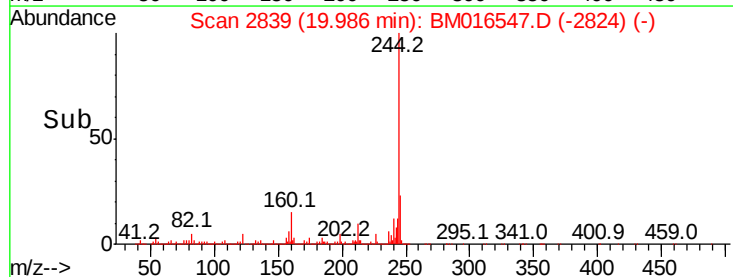
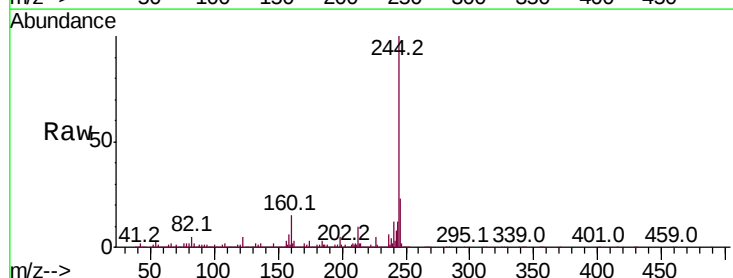
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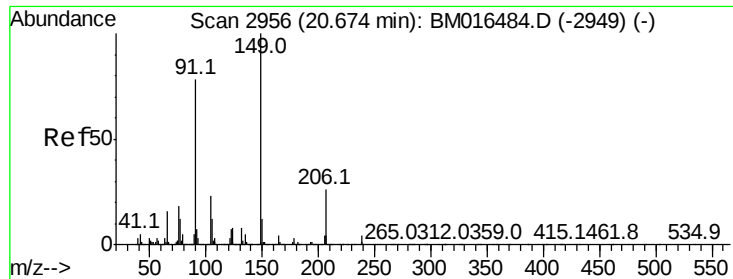
Sohil
8/23/2018 6:39:28 PM



#78
Terphenyl-d14
Concen: 102.782 ng
RT: 19.99 min Scan# 2839
Delta R.T. -0.01 min
Lab File: BM016547.D
Acq: 23 Aug 2018 09:40

Tgt Ion:	244	Resp:	10042250
Ion	Ratio	Lower	Upper
244	100		
212	10.5	4.9	7.3#
122	4.6	6.2	9.4#





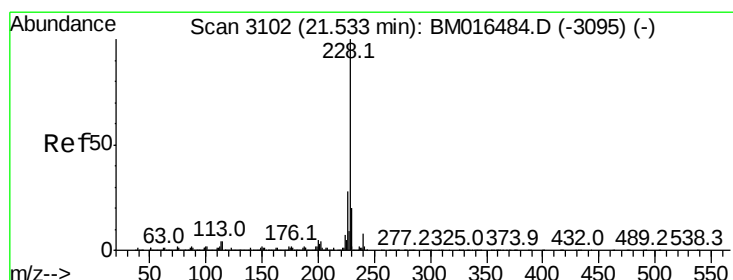
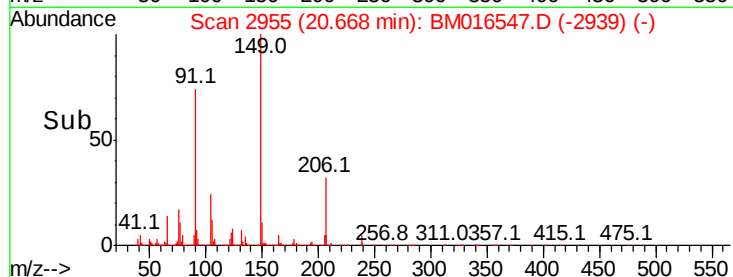
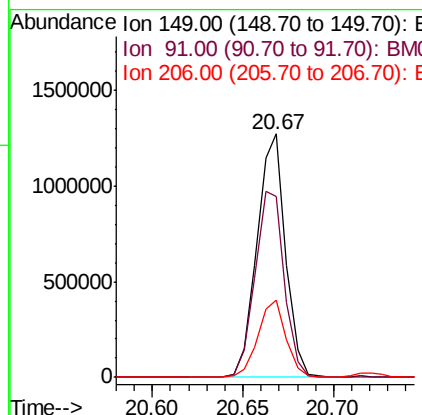
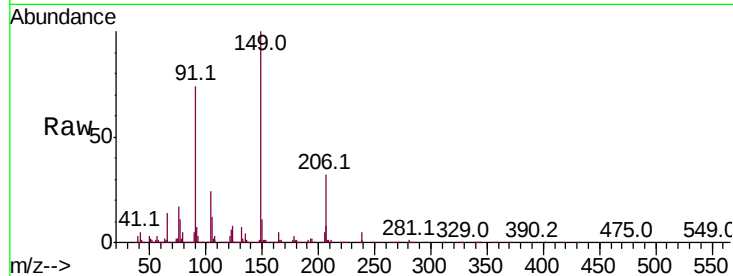
#79
Butylbenzylphthalate
Concen: 35.747 ng
RT: 20.67 min Scan# 2955
Delta R.T. -0.01 min
Lab File: BM016547.D
Acq: 23 Aug 2018 09:40

Instrument :
BNA_M
ClientSampleId :
PB112169BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	74.3	50.1	75.1
206	31.9	16.2	24.2

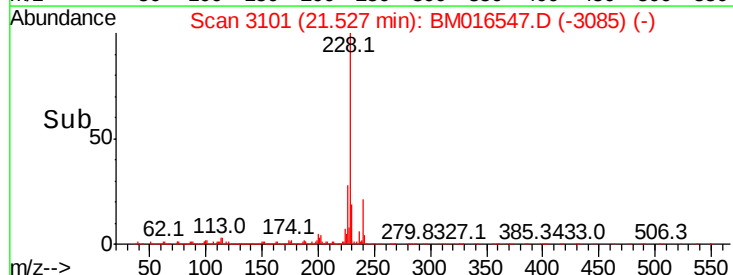
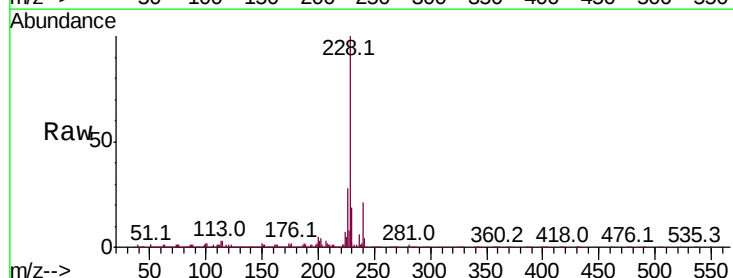
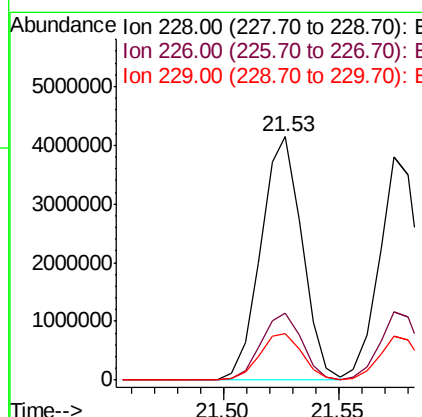
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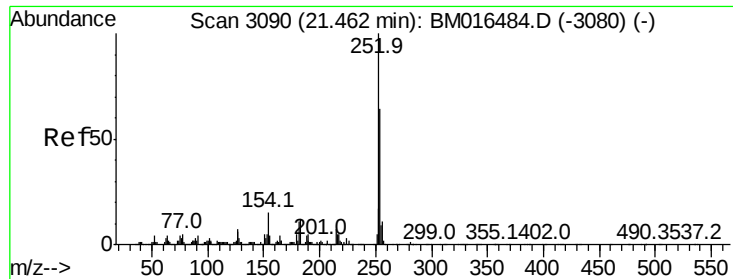
Sohil
8/23/2018 6:39:28 PM



#80
Benzo(a)anthracene
Concen: 42.329 ng
RT: 21.53 min Scan# 3101
Delta R.T. -0.01 min
Lab File: BM016547.D
Acq: 23 Aug 2018 09:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.7	32.5
229	19.0	16.0	24.0





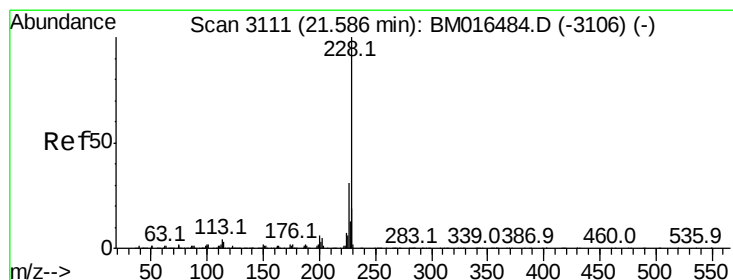
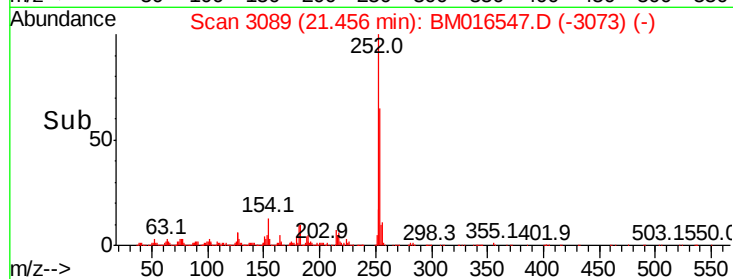
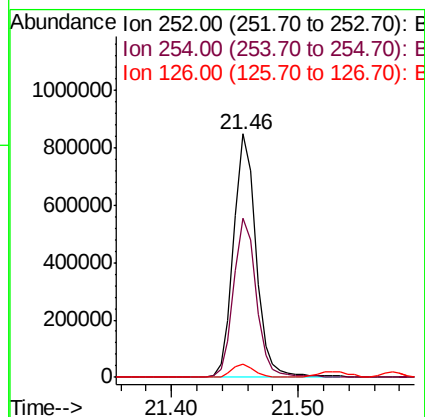
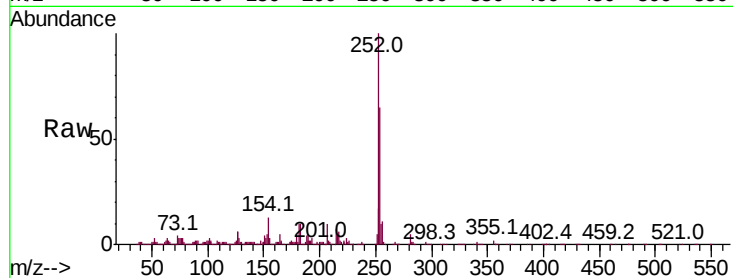
#81
 3,3'-Dichlorobenzidine
 Concen: 19.099 ng
 RT: 21.46 min Scan# 3089
 Delta R.T. -0.01 min
 Lab File: BM016547.D
 Acq: 23 Aug 2018 09:40

Instrument :
 BNA_M
 ClientSampleId :
 PB112169BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.1	51.9	77.9
126	5.6	9.8	14.8

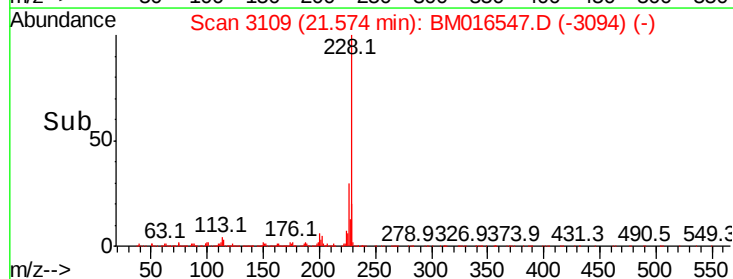
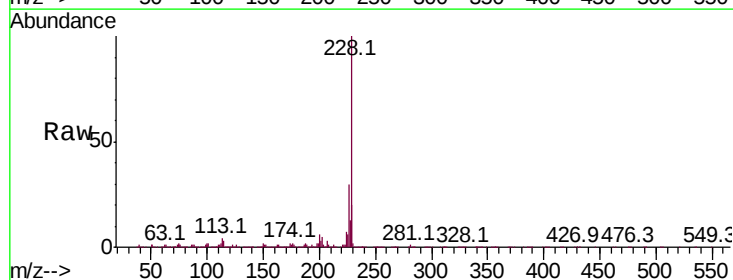
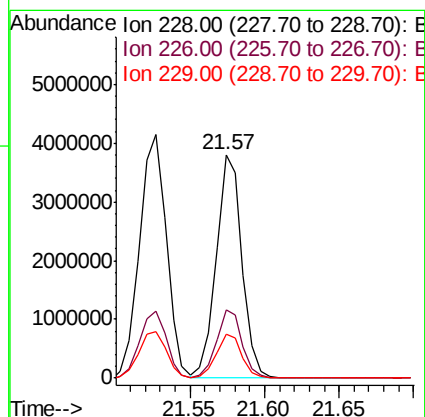
Manual Integrations
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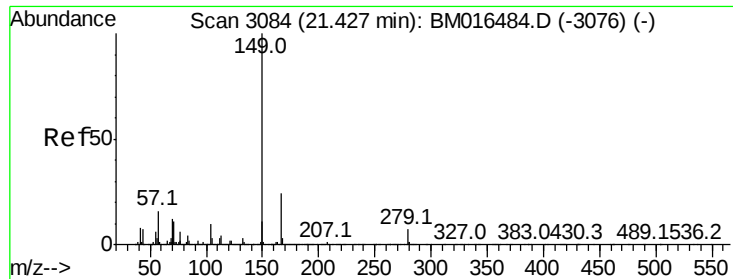
Sohil
 8/23/2018 6:39:28 PM



#82
 Chrysene
 Concen: 39.339 ng
 RT: 21.57 min Scan# 3109
 Delta R.T. -0.01 min
 Lab File: BM016547.D
 Acq: 23 Aug 2018 09:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.1	36.1
229	19.9	15.5	23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 34.596 ng

RT: 21.42 min Scan# 3082

Delta R.T. -0.01 min

Lab File: BM016547.D

Acq: 23 Aug 2018 09:40

Instrument :

BNA_M

ClientSampled :

PB112169BS

Tot Ion:149 Resp: 1995187

Ion Ratio Lower Upper

149 100

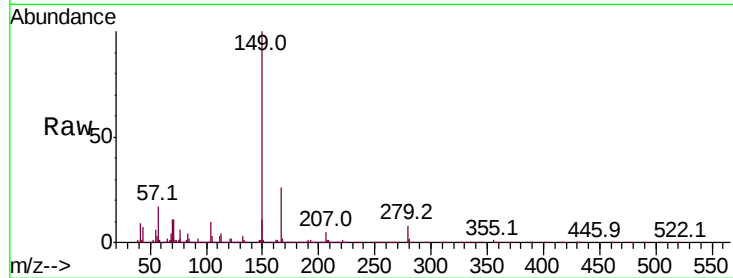
167 26.4 22.4 33.6

279 7.7 3.4 5.0#

Manual Integrations
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Sohil

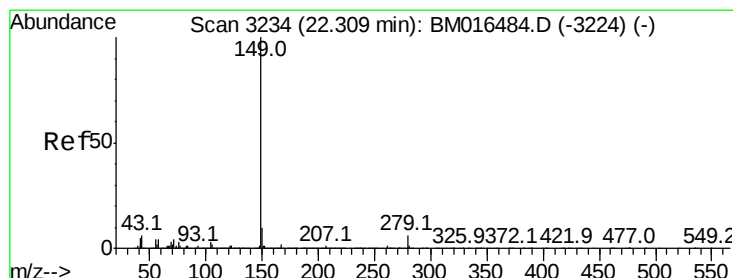
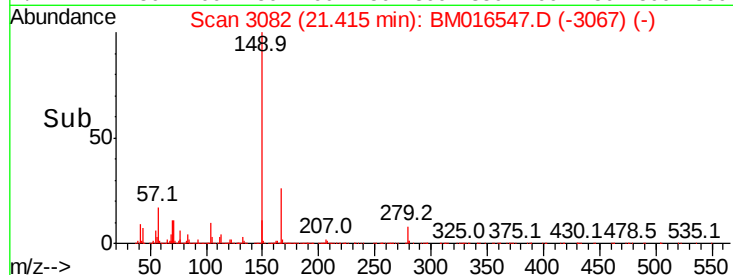
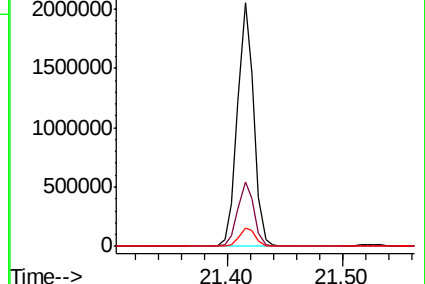
8/23/2018 6:39:28 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 33.604 ng

RT: 22.30 min Scan# 3233

Delta R.T. -0.01 min

Lab File: BM016547.D

Acq: 23 Aug 2018 09:40

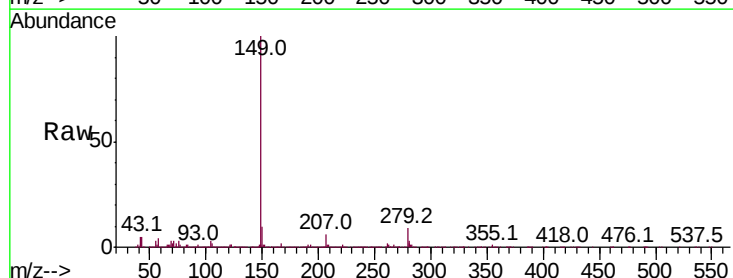
Tgt Ion:149 Resp: 3220497

Ion Ratio Lower Upper

149 100

167 1.8 1.2 1.8#

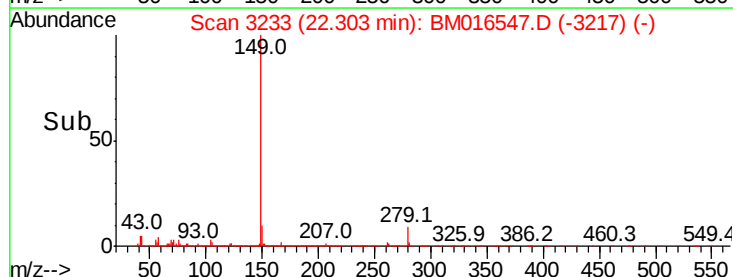
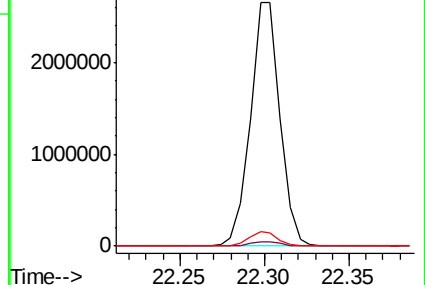
43 5.8 7.3 10.9#

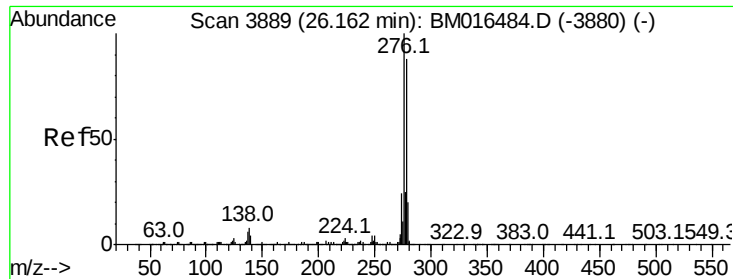


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM





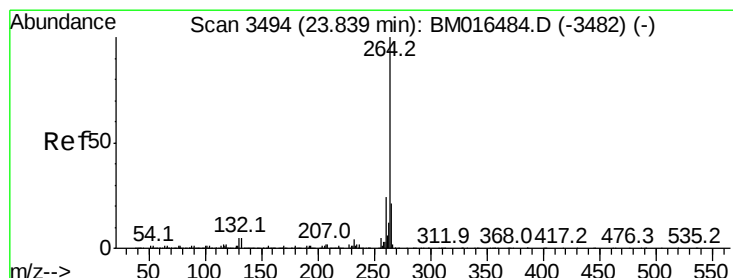
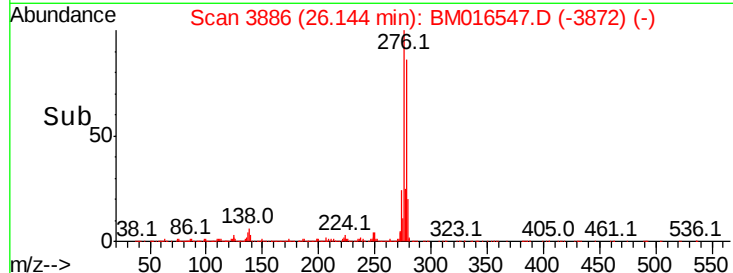
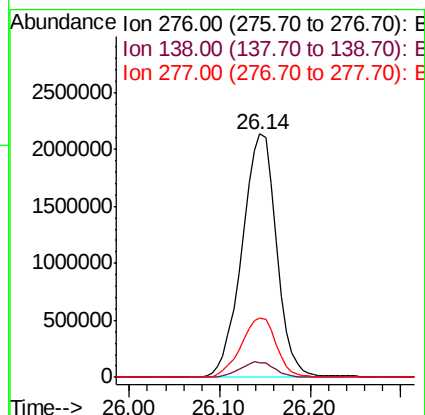
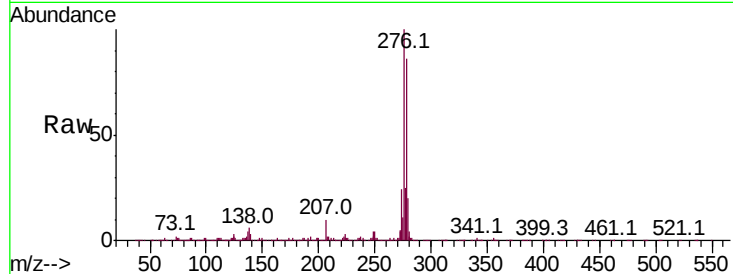
#85
Indeno(1,2,3-cd)pyrene
Concen: 33.939 ng
RT: 26.14 min Scan# 3886
Delta R.T. -0.02 min
Lab File: BM016547.D
Acq: 23 Aug 2018 09:40

Instrument :
BNA_M
ClientSampleId :
PB112169BS

Tot Ion:276 Resp: 5661858
Ion Ratio Lower Upper
276 100
138 6.5 12.0 18.0#
277 24.8 20.0 30.0

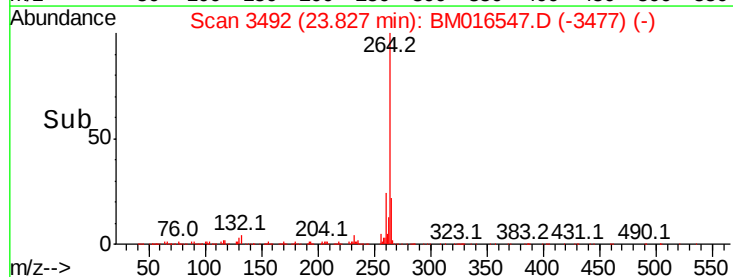
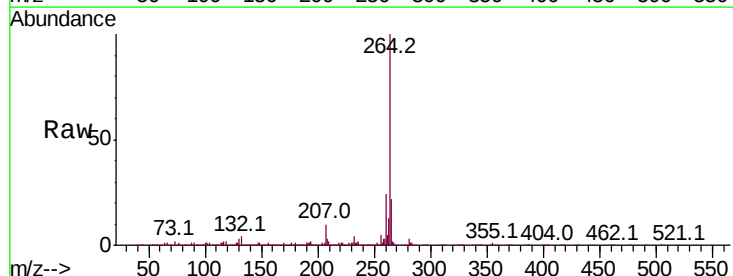
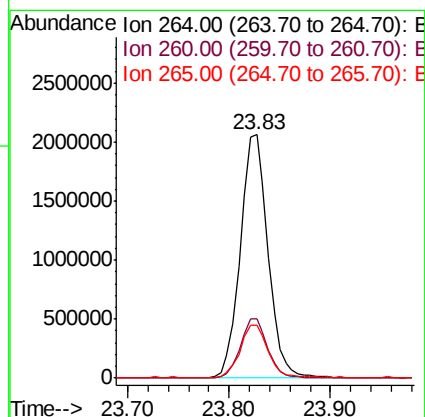
Manual Integrations
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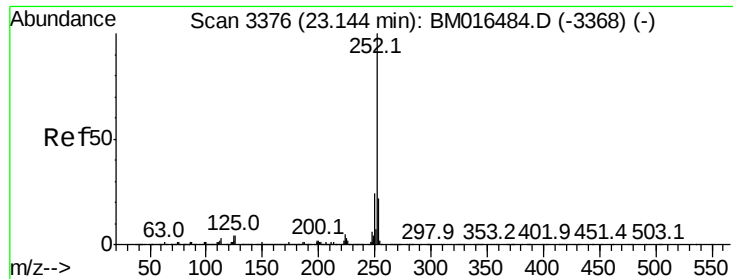
Sohil
8/23/2018 6:39:28 PM



#86
Perylene-d12
Concen: 40.000 ng
RT: 23.83 min Scan# 3492
Delta R.T. -0.01 min
Lab File: BM016547.D
Acq: 23 Aug 2018 09:40

Tgt Ion:264 Resp: 3910640
Ion Ratio Lower Upper
264 100
260 24.4 18.6 27.8
265 21.9 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 44.384 ng

RT: 23.14 min Scan# 3375

Delta R.T. -0.01 min

Lab File: BM016547.D

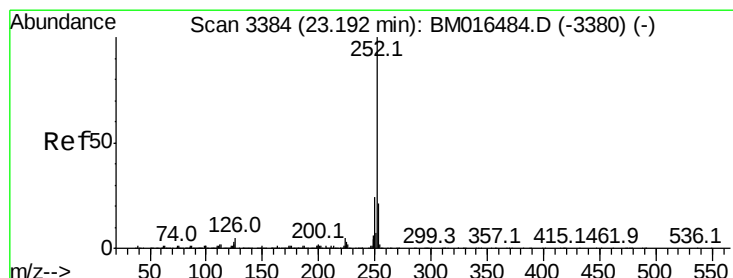
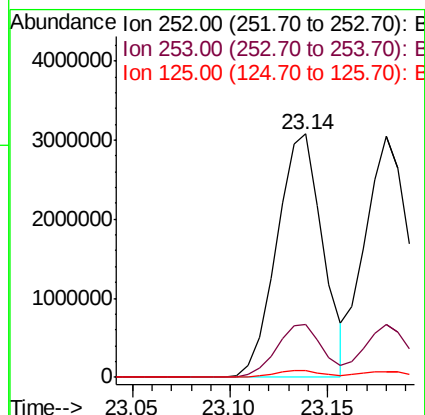
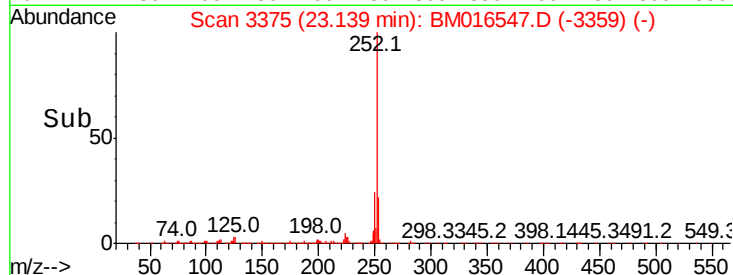
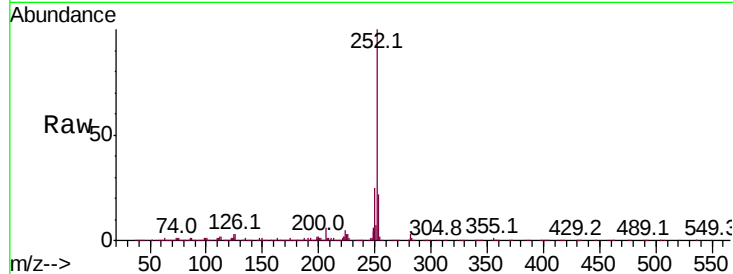
Acq: 23 Aug 2018 09:40

Instrument :
BNA_M
ClientSampleId :
PB112169BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.0	27.0
125	2.7	9.9	14.9

Manual Integrations
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8/23/2018 6:39:28 PM



#88

Benzo(k)fluoranthene

Concen: 42.547 ng

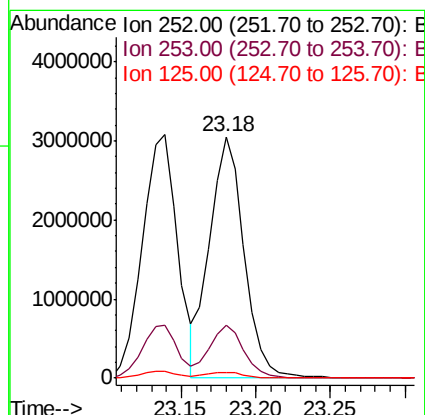
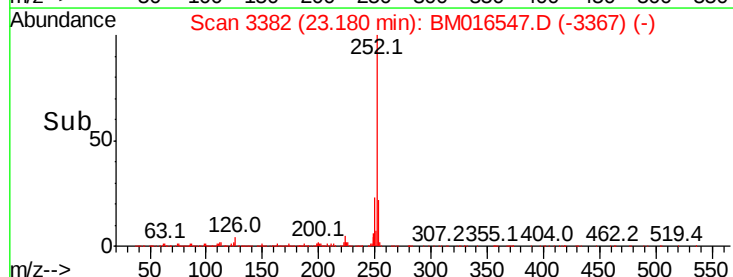
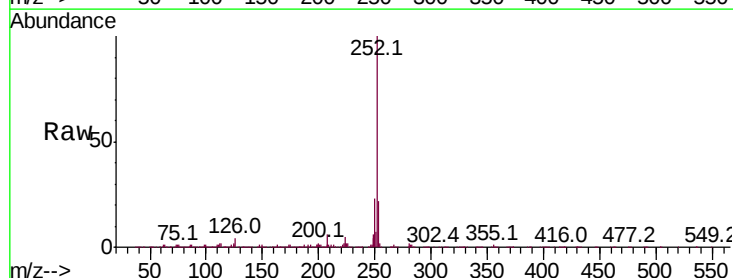
RT: 23.18 min Scan# 3382

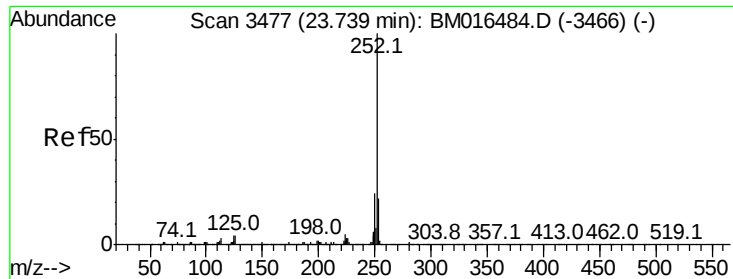
Delta R.T. -0.01 min

Lab File: BM016547.D

Acq: 23 Aug 2018 09:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	2.5	8.1	12.1





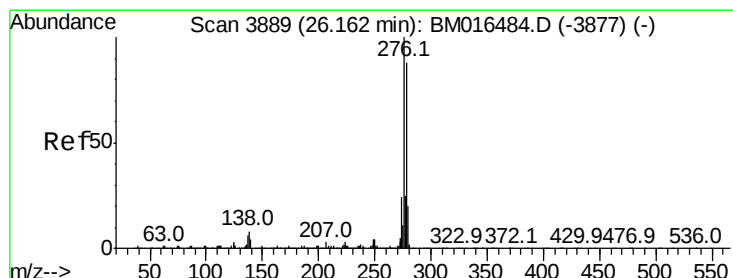
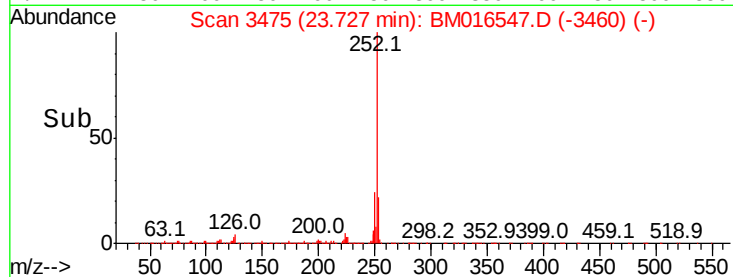
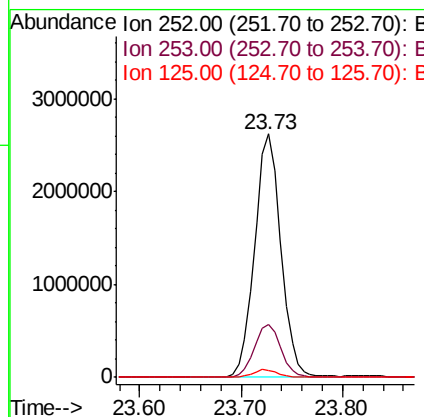
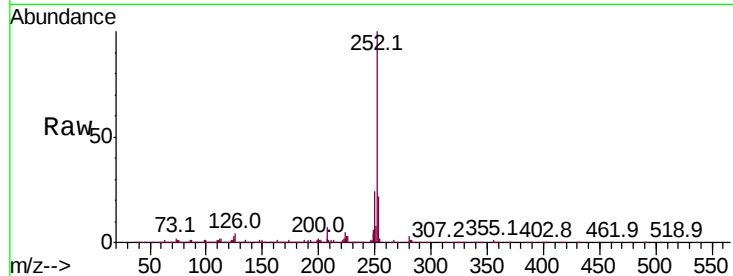
#89
Benzo(a)pyrene
Concen: 42.813 ng
RT: 23.73 min Scan# 3475
Delta R.T. -0.01 min
Lab File: BM016547.D
Acq: 23 Aug 2018 09:40

Instrument :
BNA_M
ClientSampleId :
PB112169BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	2.6	7.4	11.2

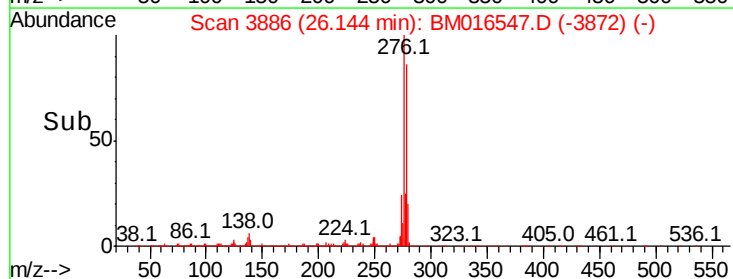
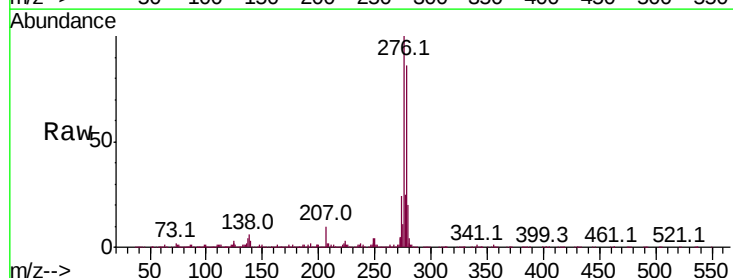
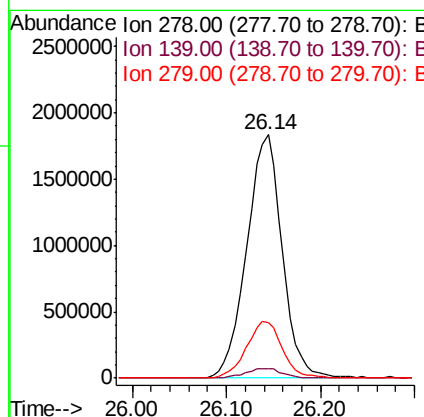
Manual Integrations
APPROVED

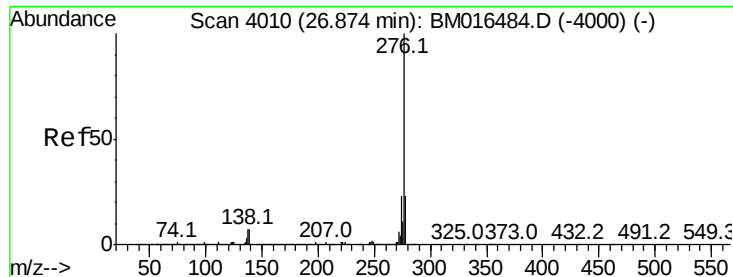
Sohil
8/23/2018 6:39:28 PM



#90
Dibenzo(a,h)anthracene
Concen: 38.888 ng
RT: 26.14 min Scan# 3886
Delta R.T. -0.02 min
Lab File: BM016547.D
Acq: 23 Aug 2018 09:40

Tgt Ion	Ratio	Lower	Upper
278	100		
139	3.9	13.4	20.0
279	23.0	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 39.137 ng
 RT: 26.86 min Scan# 4007
 Delta R.T. -0.02 min
 Lab File: BM016547.D
 Acq: 23 Aug 2018 09:40

Instrument :
 BNA_M
 ClientSampleId :
 PB112169BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.5	27.7
138	6.0	19.0	28.6

Manual Integrations
 APPROVED

Sohil
 8/23/2018 6:39:28 PM

