

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102918\
 Data File : BM017403.D
 Acq On : 29 Oct 2018 11:59
 Operator : MJ/SJ
 Sample : PB114216BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB114216BS

Manual Integrations
 APPROVED

Sohil
 10/30/2018 4:43:02 PM

Quant Time: Oct 29 15:28:35 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 15:08:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	277924	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	1247420	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	758900	20.00	ng	0.00
64) Phenanthrene-d10	17.04	188	1732083	20.00	ng	0.00
76) Chrysene-d12	21.24	240	1937514	20.00	ng	0.00
87) Perylene-d12	23.45	264	1822902	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	2069805	125.96	ng	0.00
7) Phenol-d6	6.84	99	2875747	128.50	ng	0.00
23) Nitrobenzene-d5	8.80	82	1676553	78.61	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	1262828	123.05	ng	0.00
45) 2-Fluorobiphenyl	12.90	172	4265939	74.79	ng	0.00
79) Terphenyl-d14	19.69	244	6466984	75.23	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.25	88	195368	23.283	ng	# 89
3) Pyridine	3.63	79	602105	31.186	ng	89
4) n-Nitrosodimethylamine	3.55	42	293378	37.852	ng	# 73
6) Aniline	6.99	93	639528	22.846	ng	97
8) 2-Chlorophenol	7.22	128	858566	45.163	ng	97
9) Benzaldehyde	6.80	77	365455	25.611	ng	98
10) Phenol	6.86	94	1074705	44.619	ng	98
11) bis(2-Chloroethyl)ether	7.09	93	713771	37.174	ng	98
12) 1,3-Dichlorobenzene	7.53	146	806007	36.371	ng	99
13) 1,4-Dichlorobenzene	7.68	146	826337	36.497	ng	96
14) 1,2-Dichlorobenzene	7.99	146	806475	36.970	ng	99
15) Benzyl Alcohol	7.89	79	762359	46.603	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.18	45	975358	36.360	ng	99
17) 2-Methylphenol	8.09	107	730565	47.255	ng	99
18) Hexachloroethane	8.71	117	289654	37.383	ng	99
19) n-Nitroso-di-n-propylamine	8.46	70	605761	41.107	ng	97
20) 3+4-Methylphenols	8.42	107	1010298	47.780	ng	99
22) Acetophenone	8.47	105	1211506	38.314	ng	# 99
24) Nitrobenzene	8.85	77	891012	39.494	ng	97
25) Isophorone	9.37	82	1649139	46.824	ng	98
26) 2-Nitrophenol	9.55	139	462726	44.320	ng	97
27) 2,4-Dimethylphenol	9.62	122	828120	53.175	ng	98
28) bis(2-Chloroethoxy)methane	9.85	93	1057303	42.652	ng	99
29) 2,4-Dichlorophenol	10.08	162	857527	47.425	ng	98
30) 1,2,4-Trichlorobenzene	10.29	180	813509	37.504	ng	99
31) Naphthalene	10.47	128	2533754	41.448	ng	100
32) Benzoic acid	9.78	122	591594m	50.912	ng	
33) 4-Chloroaniline	10.59	127	282567	10.703	ng	98
34) Hexachlorobutadiene	10.75	225	482742	35.124	ng	98
35) Caprolactam	11.39	113	280506m	42.567	ng	
36) 4-Chloro-3-methylphenol	11.73	107	942571	46.245	ng	99
37) 2-Methylnaphthalene	12.09	142	1955708	46.751	ng	100
38) 1-Methylnaphthalene	12.31	142	1856422	45.596	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.46	216	987051	36.932	ng	99

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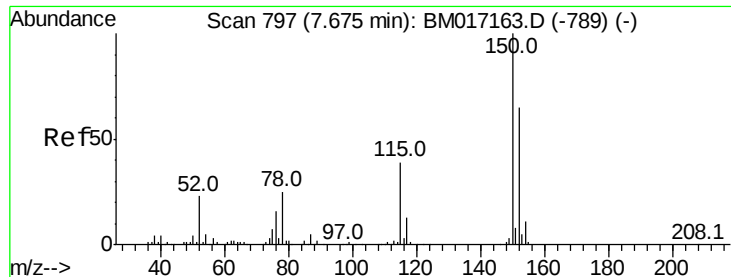
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.44	237	1230979	95.276	nq	99
43) 2,4,6-Trichlorophenol	12.72	196	704312	45.397	nq	100
44) 2,4,5-Trichlorophenol	12.79	196	764118	45.930	nq	99
46) 1,1'-Biphenyl	13.12	154	2514220	36.815	nq	100
47) 2-Chloronaphthalene	13.16	162	1949478	38.802	nq	99
48) 2-Nitroaniline	13.38	65	594939	42.636	nq	94
49) Acenaphthylene	14.01	152	3227891	44.324	nq	100
50) Dimethylphthalate	13.76	163	2491995	42.562	nq	100
51) 2,6-Dinitrotoluene	13.88	165	554144	43.002	nq	98
52) Acenaphthene	14.36	154	1878713	41.088	nq	99
53) 3-Nitroaniline	14.21	138	314331	22.522	nq	96
54) 2,4-Dinitrophenol	14.42	184	643911	84.642	nq	98
55) Dibenzofuran	14.69	168	3024403	39.775	nq	99
56) 4-Nitrophenol	14.54	139	1389684	107.527	nq	99
57) 2,4-Dinitrotoluene	14.67	165	794182	45.854	nq	# 98
58) Fluorene	15.34	166	2456094	43.639	nq	99
59) 2,3,4,6-Tetrachlorophenol	14.93	232	711246	46.901	nq	99
60) Diethylphthalate	15.13	149	2489663	42.878	nq	100
61) 4-Chlorophenyl-phenylether	15.34	204	1240422	38.659	nq	99
62) 4-Nitroaniline	15.39	138	604682	39.732	nq	99
63) Azobenzene	15.64	77	2342485	41.506	nq	99
65) 4,6-Dinitro-2-methylphenol	15.44	198	462633	42.528	nq	97
66) n-Nitrosodiphenylamine	15.57	169	2206076	42.098	nq	99
67) 4-Bromophenyl-phenylether	16.24	248	801955	42.167	nq	96
68) Hexachlorobenzene	16.34	284	879930	39.831	nq	98
69) Atrazine	16.53	200	805649	42.955	nq	98
70) Pentachlorophenol	16.70	266	1104821	73.005	nq	99
71) Phenanthrene	17.09	178	3942661	42.189	nq	100
72) Anthracene	17.18	178	4088935	46.049	nq	100
73) Carbazole	17.46	167	3725571	41.074	nq	100
74) Di-n-butylphthalate	18.02	149	4278842	44.726	nq	99
75) Fluoranthene	19.11	202	4685095	44.553	nq	98
77) Benzidine	19.30	184	1437453	29.259	nq	98
78) Pyrene	19.47	202	4732055	43.699	nq	100
80) Butylbenzylphthalate	20.39	149	2006149	48.582	nq	94
81) Benzo(a)anthracene	21.23	228	4797977	44.005	nq	99
82) 3,3'-Dichlorobenzidine	21.17	252	1029122	25.325	nq	100
83) Chrysene	21.28	228	4551409	42.174	nq	99
84) Bis(2-ethylhexyl)phthalate	21.17	149	2932962	46.684	nq	99
85) Di-n-octyl phthalate	22.04	149	5178841	48.430	nq	99
86) Indeno(1,2,3-cd)pyrene	25.66	276	4294939	35.582	nq	99
88) Benzo(b)fluoranthene	22.79	252	4786628	48.027	nq	100
89) Benzo(k)fluoranthene	22.84	252	4322803	43.225	nq	99
90) Benzo(a)pyrene	23.36	252	4254163	44.956	nq	100
91) Dibenzo(a,h)anthracene	25.67	278	3665422	39.009	nq	99
92) Benzo(g,h,i)perylene	26.33	276	3461398	37.168	nq	99

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



#1

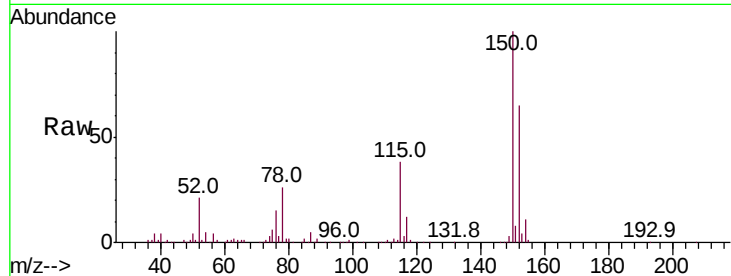
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 792
Delta R.T. -0.00 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

Instrument :
BNA_M
ClientSampleId :
PB114216BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	124.3	186.5
115	58.6	48.1	72.1

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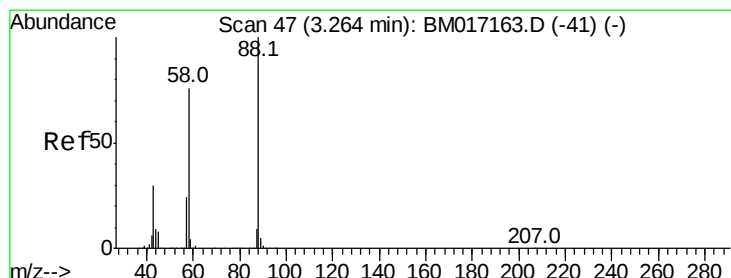
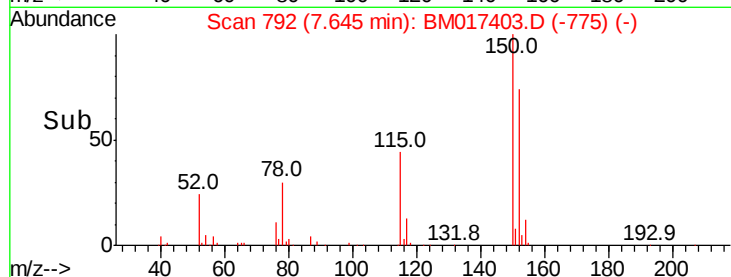
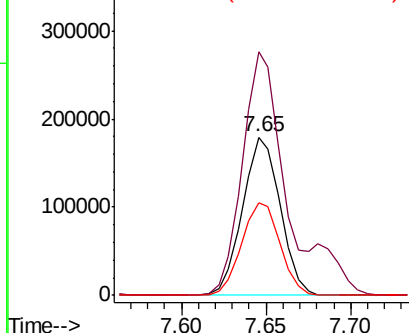


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

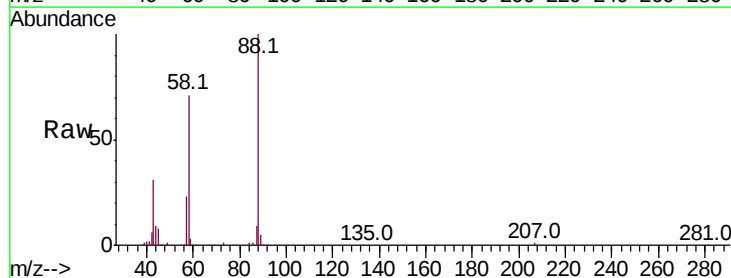
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 23.283 ng
RT: 3.25 min Scan# 45
Delta R.T. -0.00 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.8	50.2	75.4
43	29.5	19.3	28.9

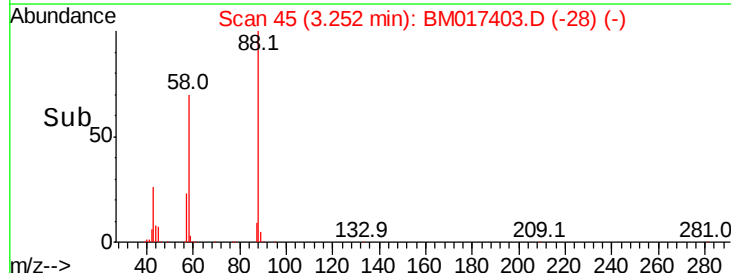
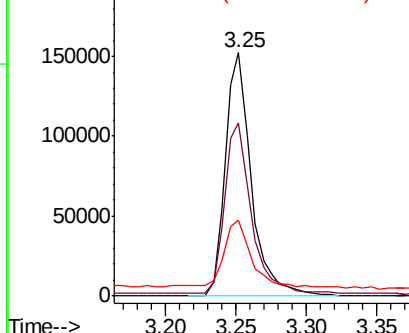


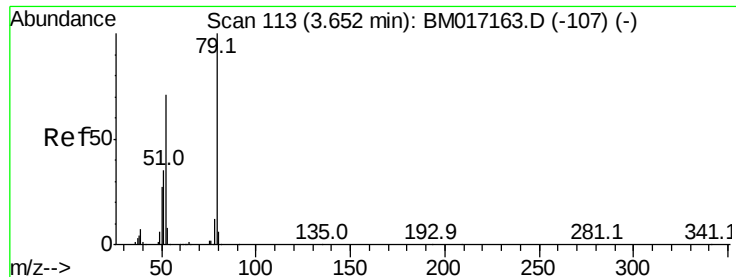
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 31.186 ng

RT: 3.63 min Scan# 109

Delta R.T. -0.01 min

Lab File: BM017403.D

Acq: 29 Oct 2018 11:59

Instrument :

BNA_M

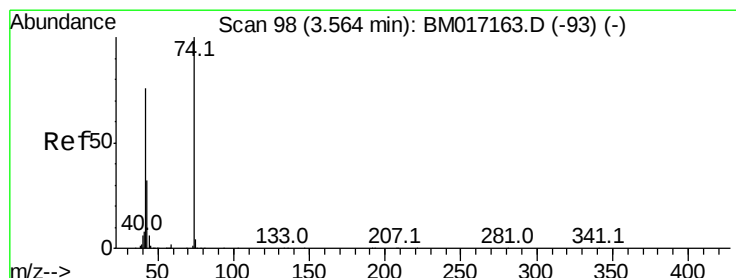
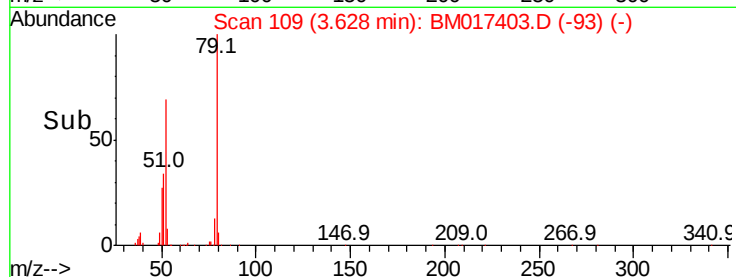
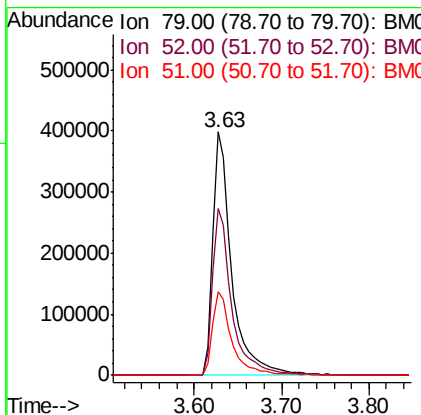
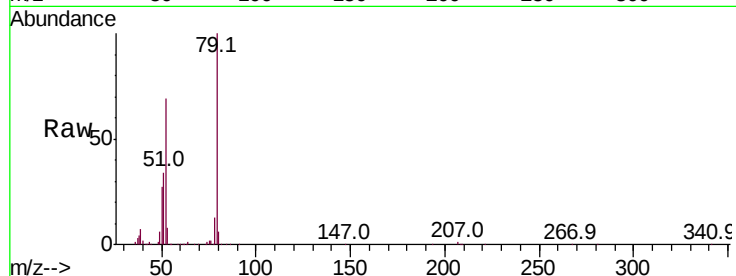
ClientSampleId :

PB114216BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	68.6	46.5	69.7
51	34.3	24.6	37.0

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#4

n-Nitrosodimethylamine

Concen: 37.852 ng

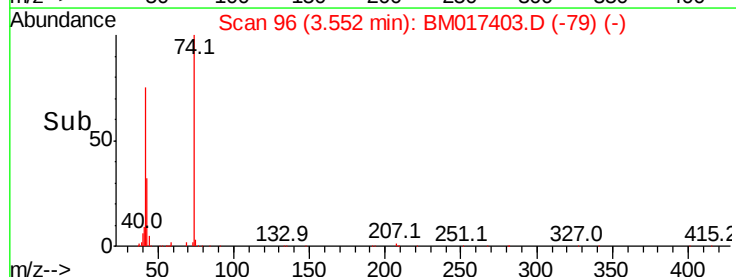
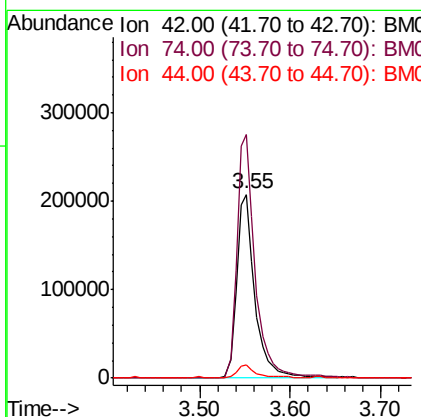
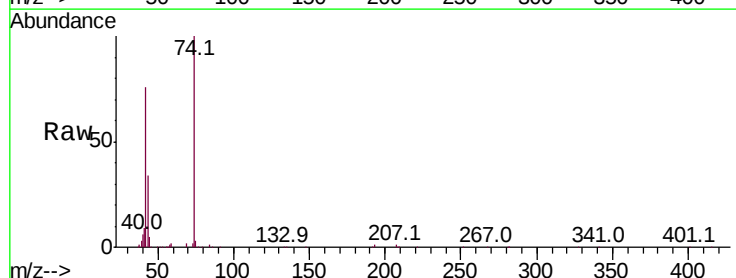
RT: 3.55 min Scan# 96

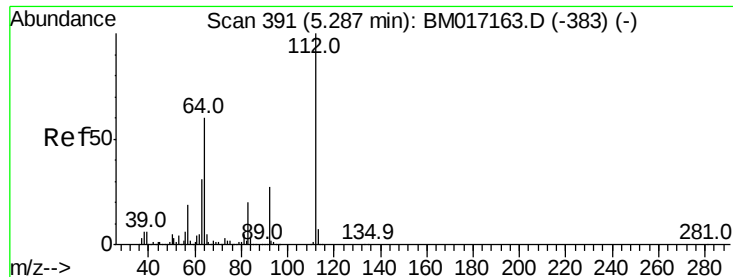
Delta R.T. -0.00 min

Lab File: BM017403.D

Acq: 29 Oct 2018 11:59

Tgt Ion	Ratio	Lower	Upper
42	100		
74	132.4	114.4	171.6
44	7.2	48.6	73.0





#5

2-Fluorophenol

Concen: 125.960 ng

RT: 5.27 min Scan# 388

Delta R.T. 0.01 min

Lab File: BM017403.D

Acq: 29 Oct 2018 11:59

Instrument :

BNA_M

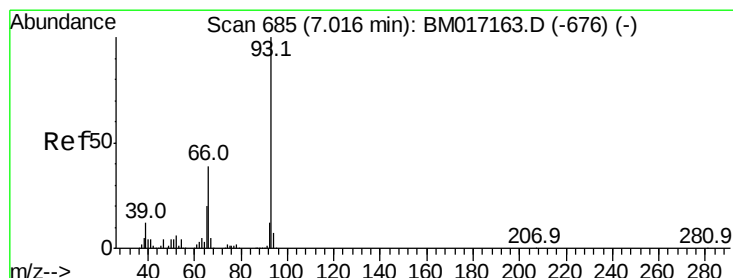
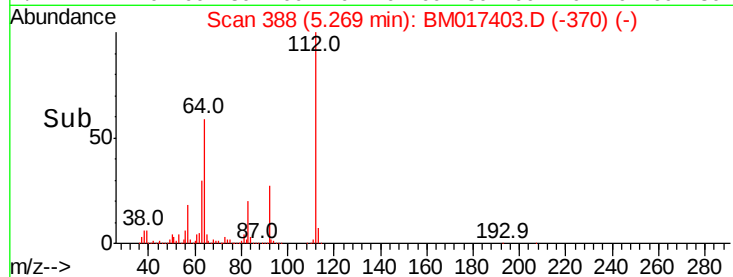
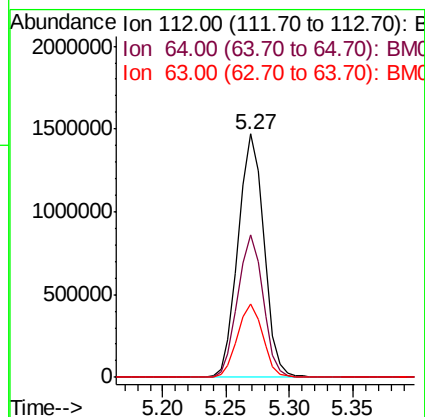
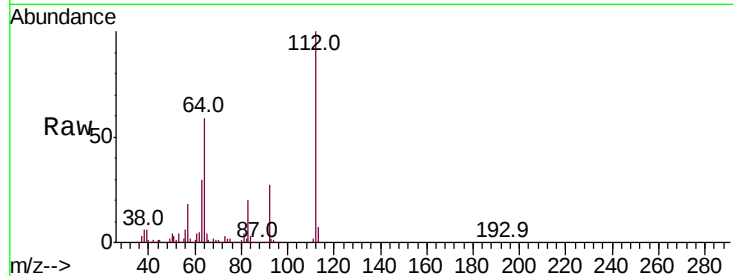
ClientSampleId :

PB114216BS

Tot Ion:	112	Resp:	2069805
Ion	Ratio	Lower	Upper
112	100		
64	58.7	41.7	62.5
63	29.9	23.0	34.4

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#6

Aniline

Concen: 22.846 ng

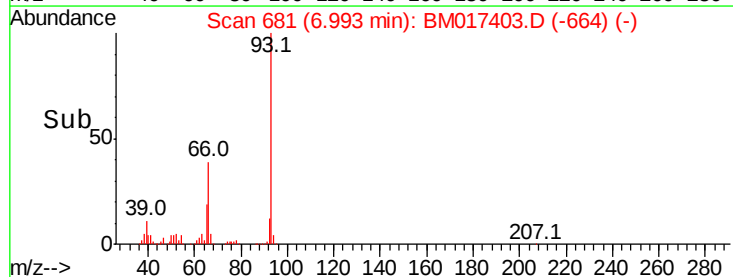
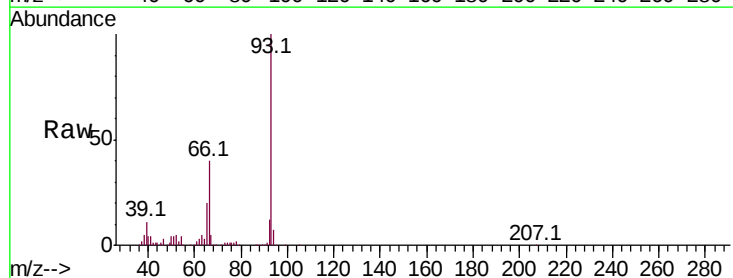
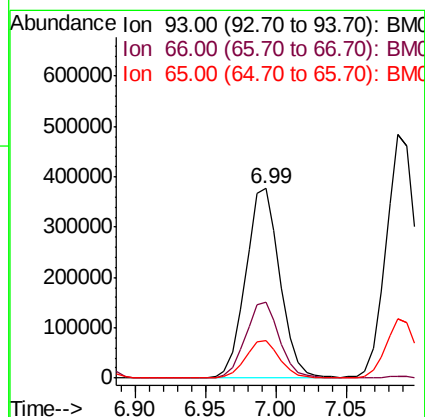
RT: 6.99 min Scan# 681

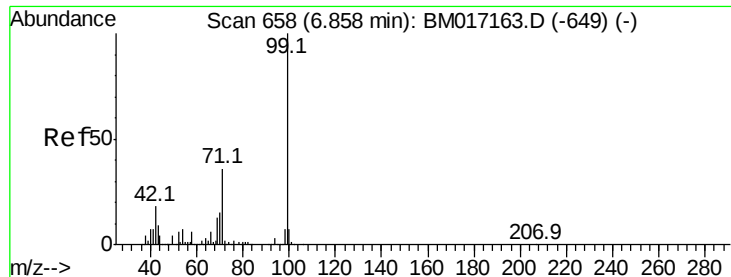
Delta R.T. -0.00 min

Lab File: BM017403.D

Acq: 29 Oct 2018 11:59

Tgt Ion:	93	Resp:	639528
Ion	Ratio	Lower	Upper
93	100		
66	40.2	30.4	45.6
65	19.9	15.3	22.9





#7

Phenol-d6

Concen: 128.498 ng

RT: 6.84 min Scan# 655

Delta R.T. 0.01 min

Lab File: BM017403.D

Acq: 29 Oct 2018 11:59

Instrument :

BNA_M

ClientSampleId :

PB114216BS

Tot Ion: 99 Resp: 2875747

Ion Ratio Lower Upper

99 100

42 17.0 13.3 19.9

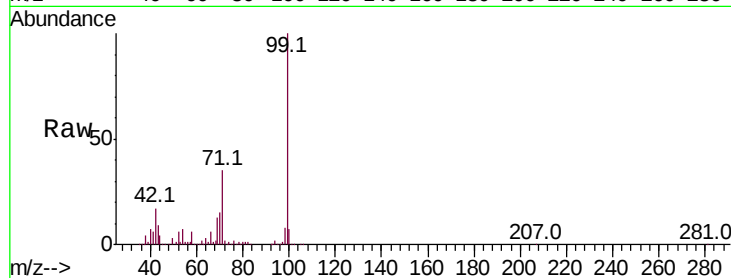
71 35.1 28.0 42.0

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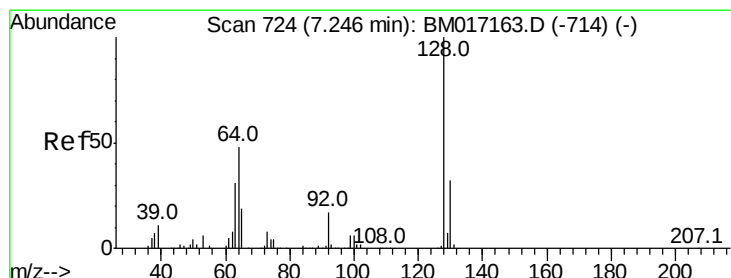
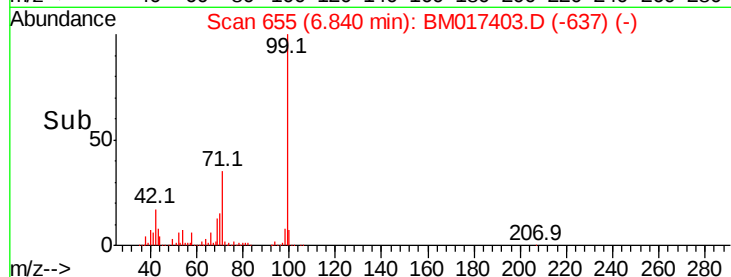
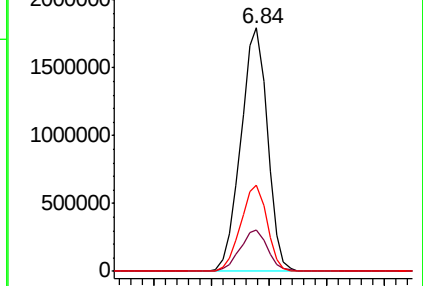
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Abundance Ion 99.00 (98.70 to 99.70): BM017163.D (-649) (-)

Ion 42.00 (41.70 to 42.70): BM017163.D (-649) (-)

Ion 71.00 (70.70 to 71.70): BM017163.D (-649) (-)



#8

2-Chlorophenol

Concen: 45.163 ng

RT: 7.22 min Scan# 720

Delta R.T. 0.01 min

Lab File: BM017403.D

Acq: 29 Oct 2018 11:59

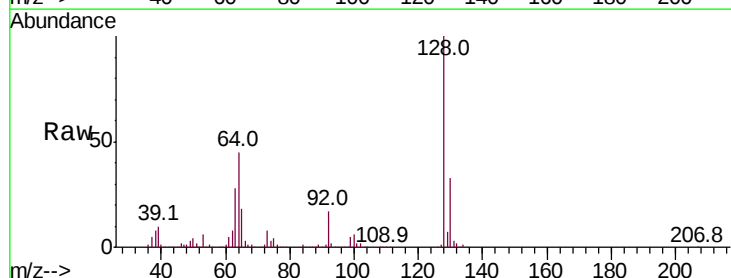
Tgt Ion:128 Resp: 858566

Ion Ratio Lower Upper

128 100

130 33.1 11.0 51.0

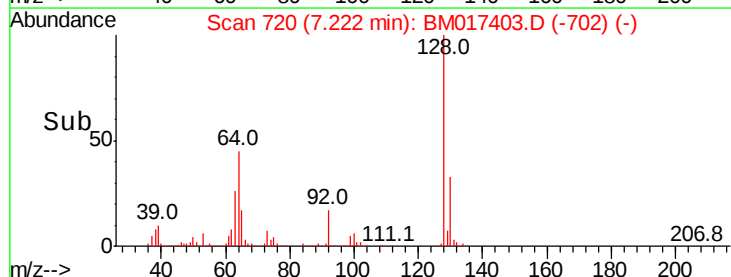
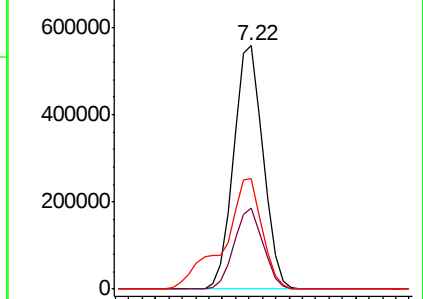
64 45.3 24.1 64.1

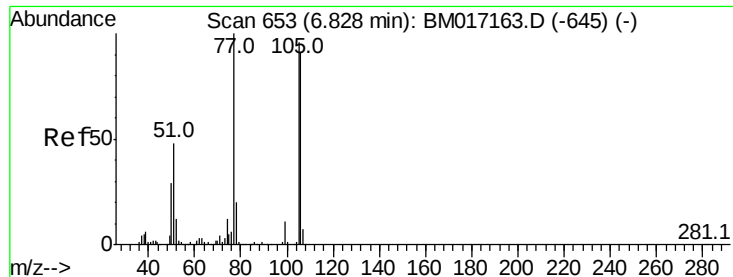


Abundance Ion 128.00 (127.70 to 128.70): BM017163.D (-714) (-)

Ion 130.00 (129.70 to 130.70): BM017163.D (-714) (-)

Ion 64.00 (63.70 to 64.70): BM017163.D (-714) (-)





#9

Benzaldehyde

Concen: 25.611 ng

RT: 6.80 min Scan# 649

Delta R.T. -0.00 min

Lab File: BM017403.D

Acq: 29 Oct 2018 11:59

Instrument :

BNA_M

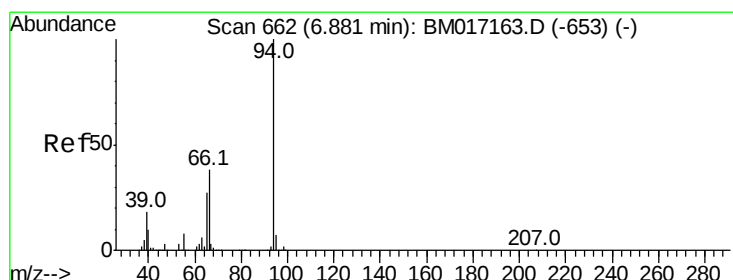
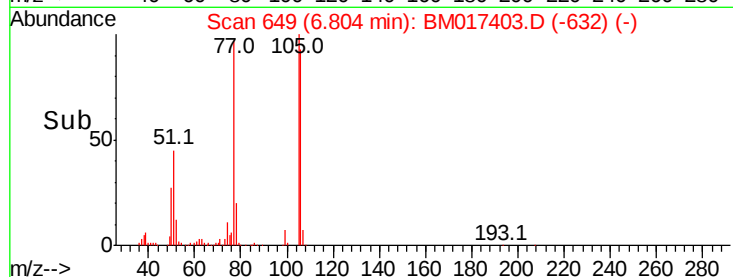
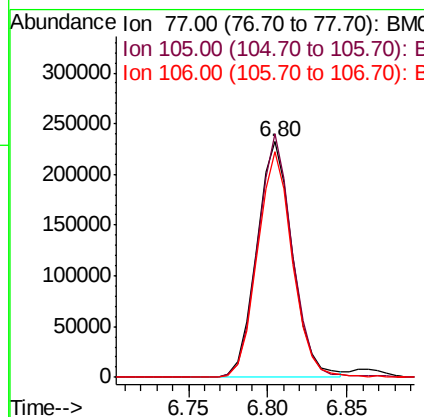
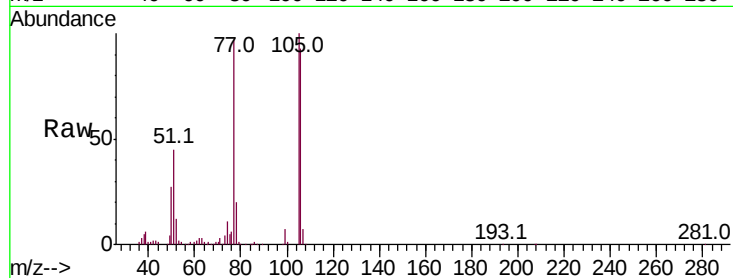
ClientSampleId :

PB114216BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	103.2	83.9	123.9
106	95.6	78.2	118.2

Manual Integrations
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#10

Phenol

Concen: 44.619 ng

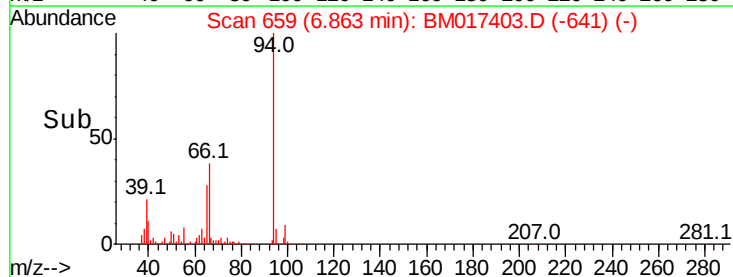
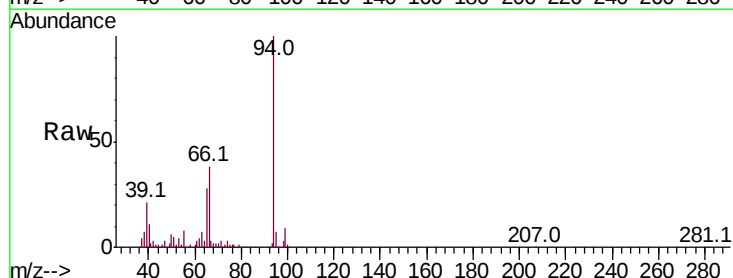
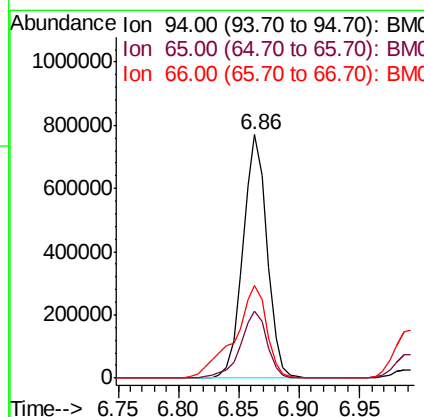
RT: 6.86 min Scan# 659

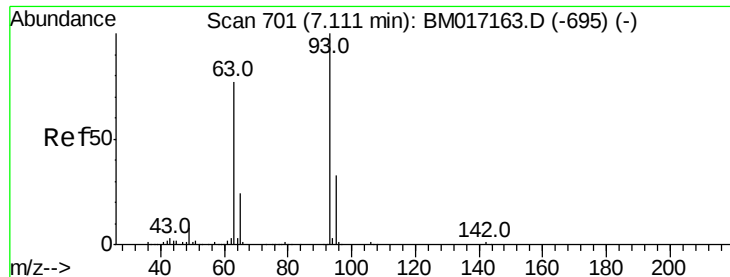
Delta R.T. 0.01 min

Lab File: BM017403.D

Acq: 29 Oct 2018 11:59

Tgt Ion	Ratio	Lower	Upper
94	100		
65	27.6	9.4	49.4
66	38.1	19.0	59.0





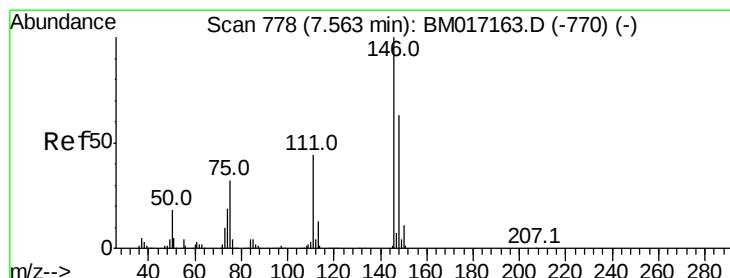
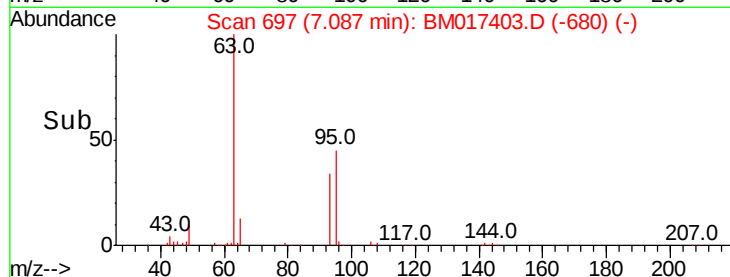
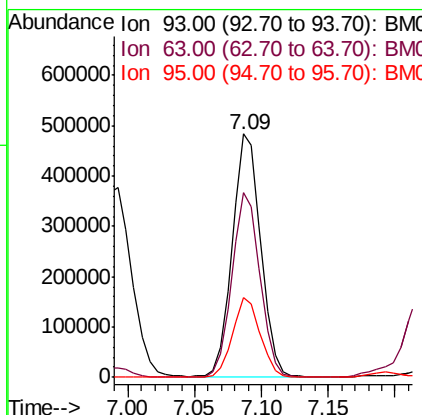
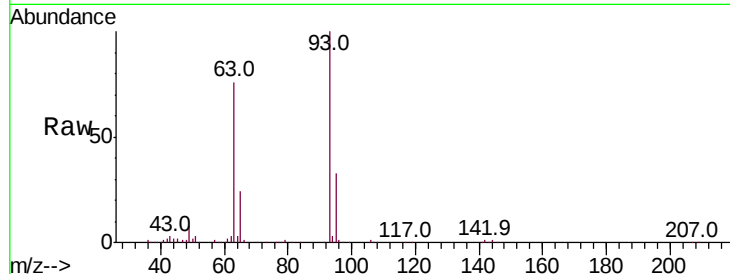
#11
bis(2-Chloroethyl)ether
Concen: 37.174 ng
RT: 7.09 min Scan# 697
Delta R.T. -0.00 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

Instrument :
BNA_M
ClientSampleId :
PB114216BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.8	54.0	94.0
95	32.7	11.8	51.8

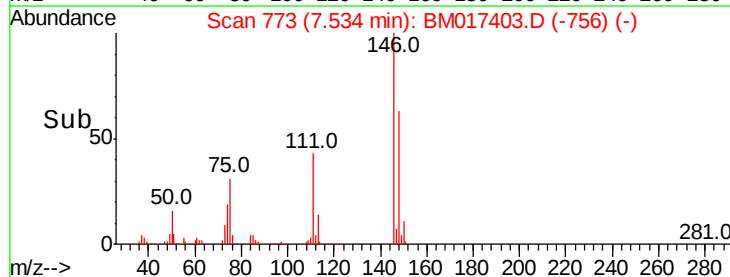
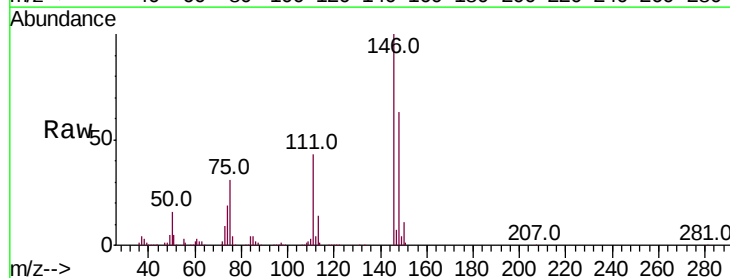
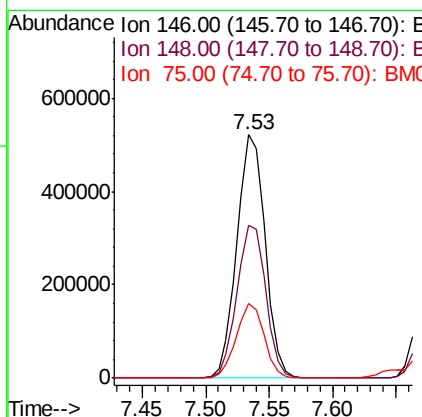
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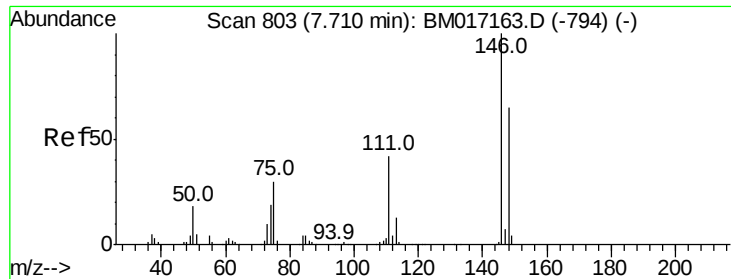
Sohil
10/30/2018 4:43:02 PM



#12
1,3-Dichlorobenzene
Concen: 36.371 ng
RT: 7.53 min Scan# 773
Delta R.T. -0.00 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.2	75.4
75	30.8	23.3	34.9





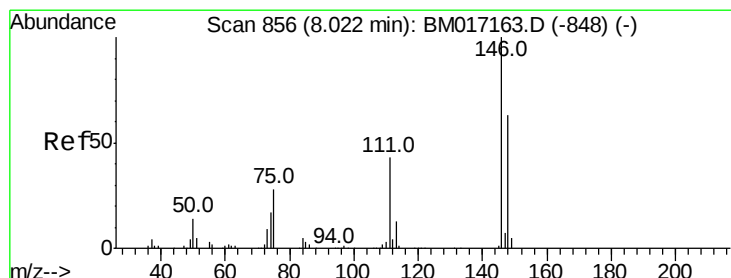
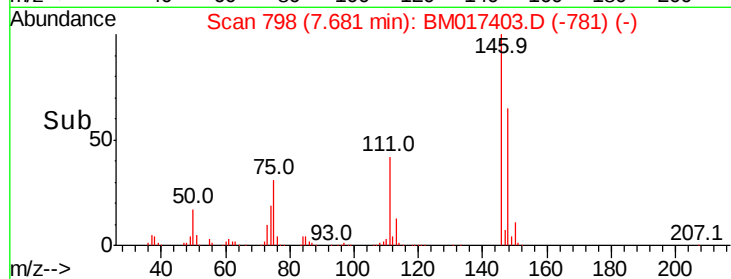
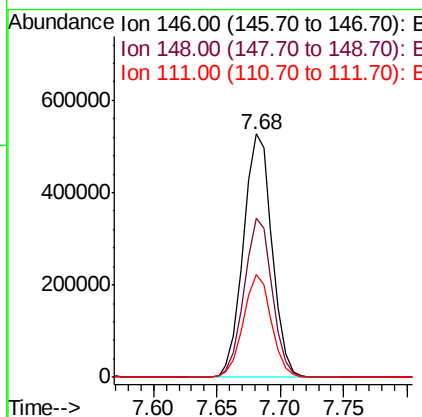
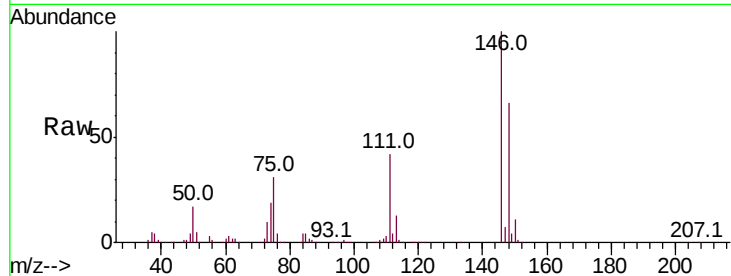
#13
1,4-Dichlorobenzene
Concen: 36.497 ng
RT: 7.68 min Scan# 798
Delta R.T. -0.00 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

Instrument :
BNA_M
ClientSampleId :
PB114216BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.5	49.8	74.6
111	42.3	32.1	48.1

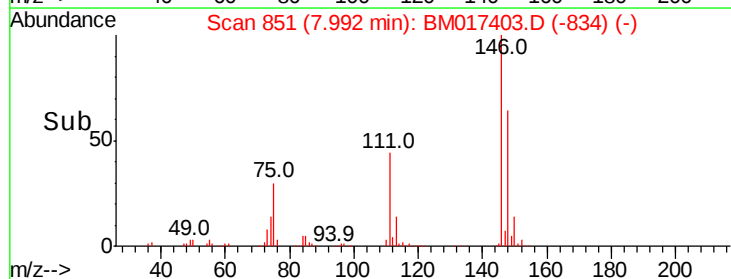
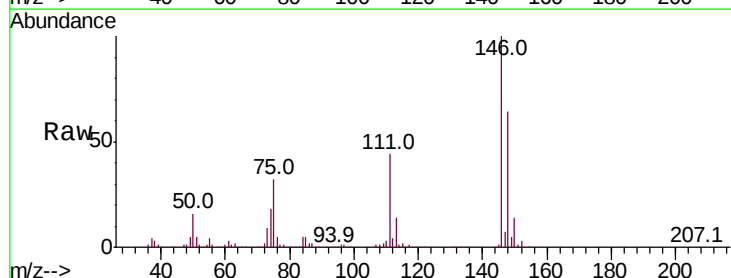
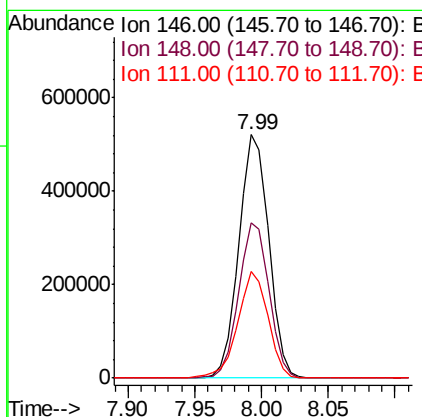
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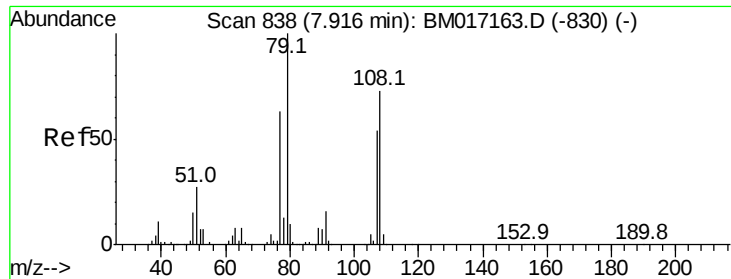
Sohil
10/30/2018 4:43:02 PM



#14
1,2-Dichlorobenzene
Concen: 36.970 ng
RT: 7.99 min Scan# 851
Delta R.T. -0.00 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.8	76.2
111	44.0	33.8	50.6





#15

Benzyl Alcohol

Concen: 46.603 ng

RT: 7.89 min Scan# 834

Delta R.T. -0.00 min

Lab File: BM017403.D

Acq: 29 Oct 2018 11:59

Instrument :

BNA_M

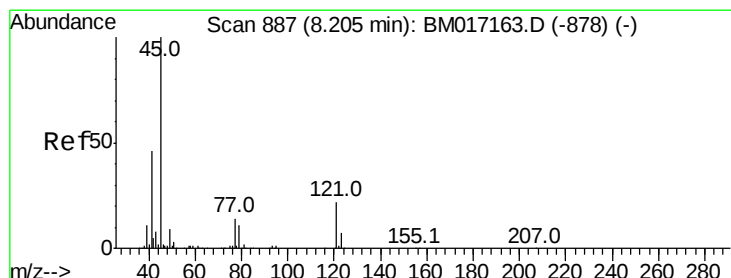
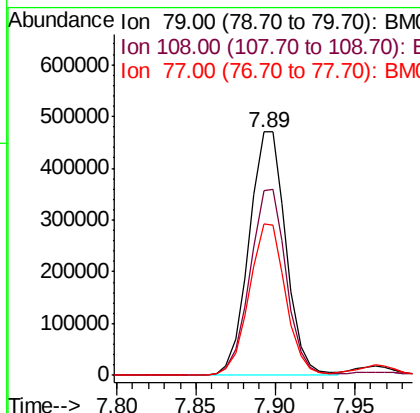
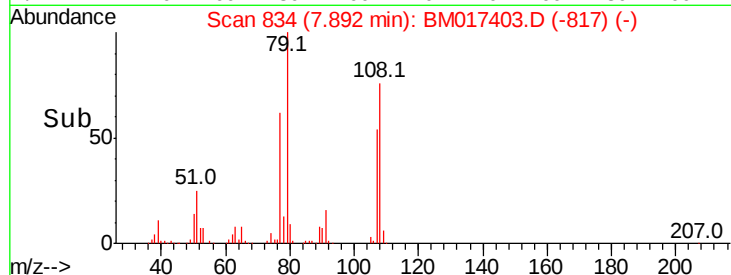
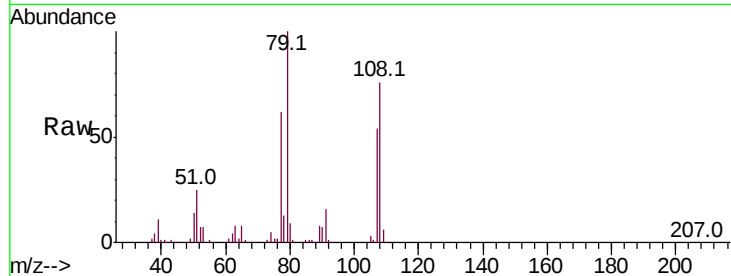
ClientSampleId :

PB114216BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	75.9	60.3	90.5
77	62.0	54.8	82.2

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 36.360 ng

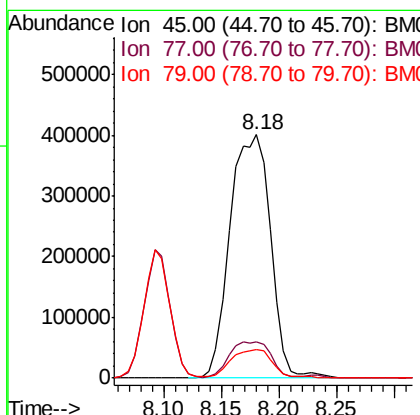
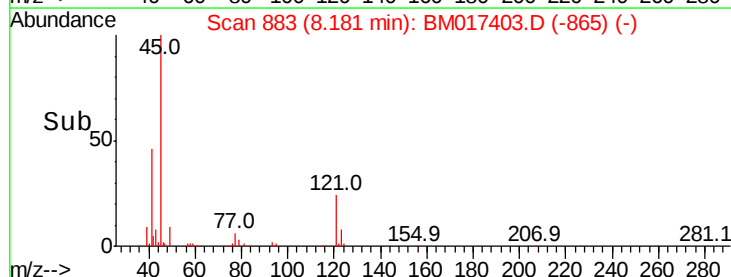
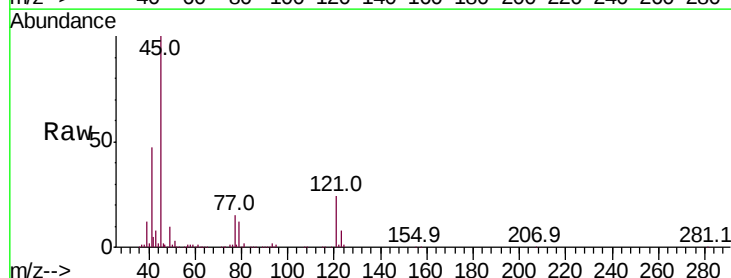
RT: 8.18 min Scan# 883

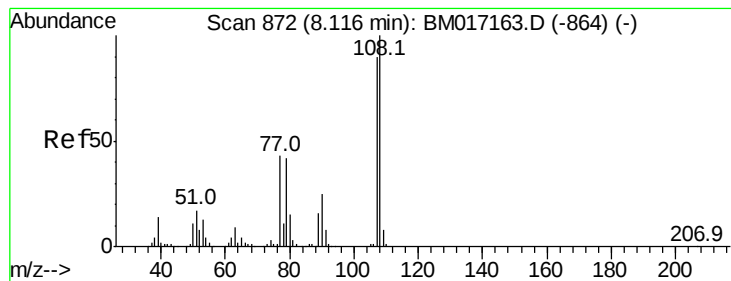
Delta R.T. 0.01 min

Lab File: BM017403.D

Acq: 29 Oct 2018 11:59

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.8	0.0	35.5
79	11.8	0.0	32.1





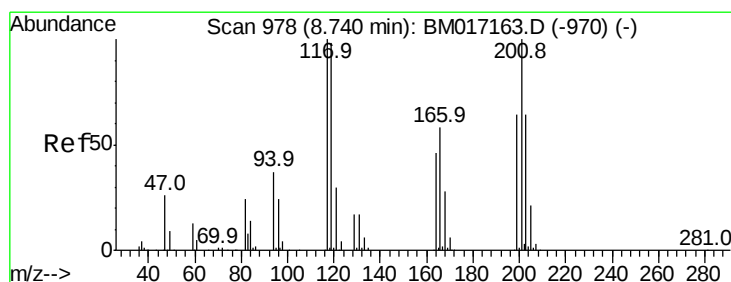
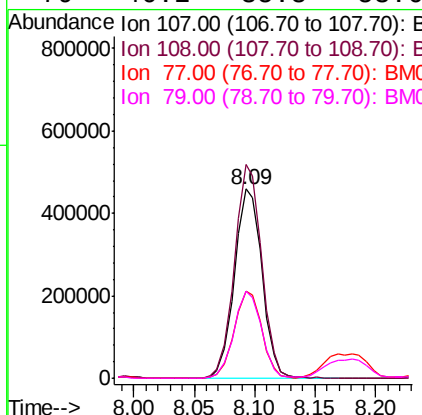
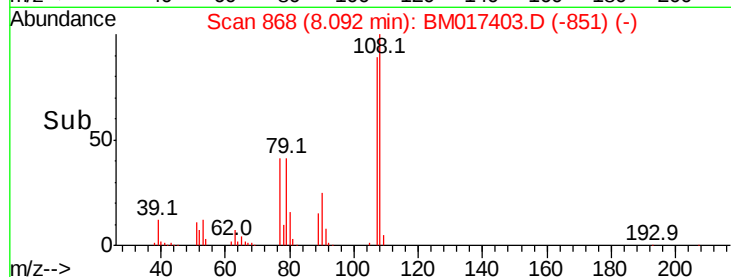
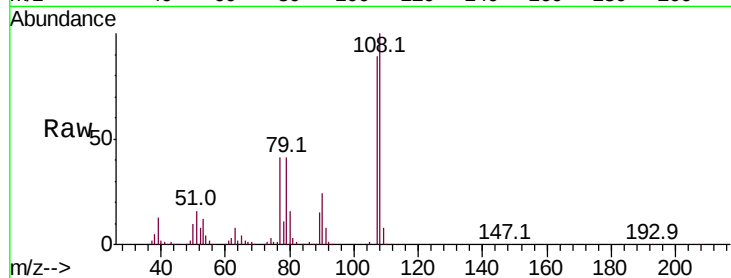
#17
2-Methylphenol
Concen: 47.255 ng
RT: 8.09 min Scan# 868
Delta R.T. -0.00 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

Instrument :
BNA_M
ClientSampleId :
PB114216BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.9	90.3	135.5	
77	46.0	37.0	55.4	
79	46.2	35.8	53.6	

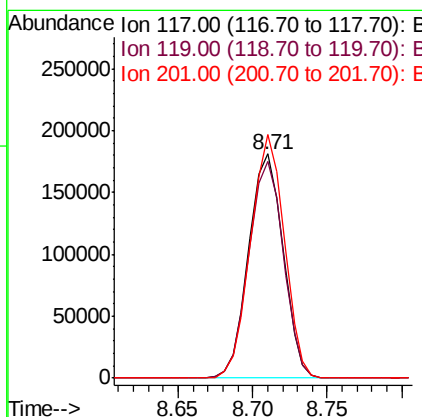
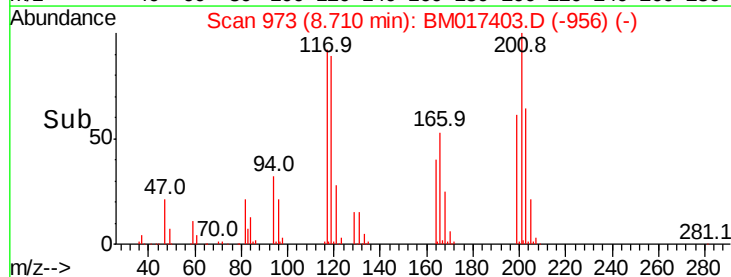
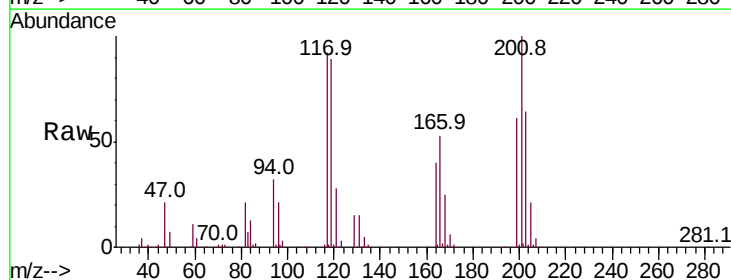
Manual Integrations
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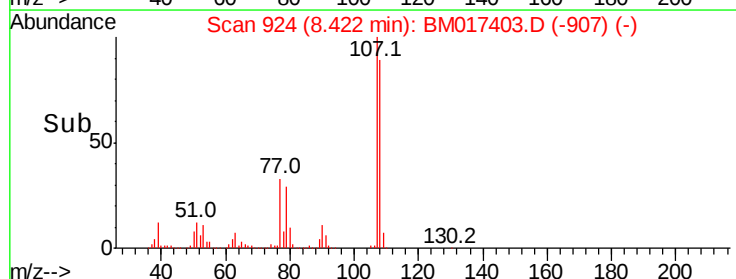
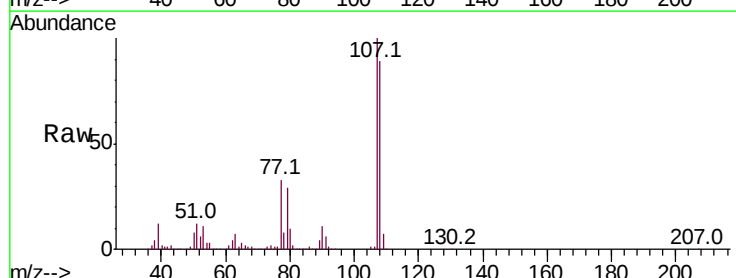
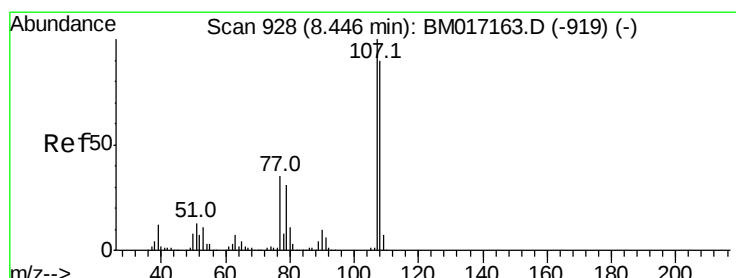
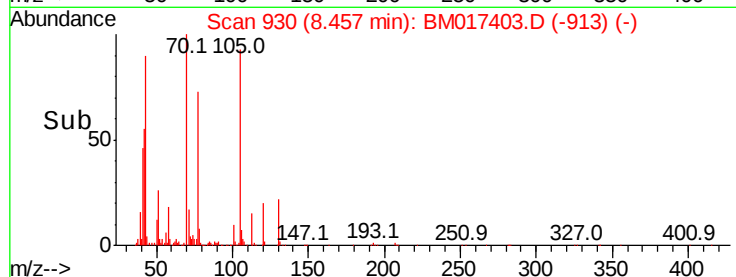
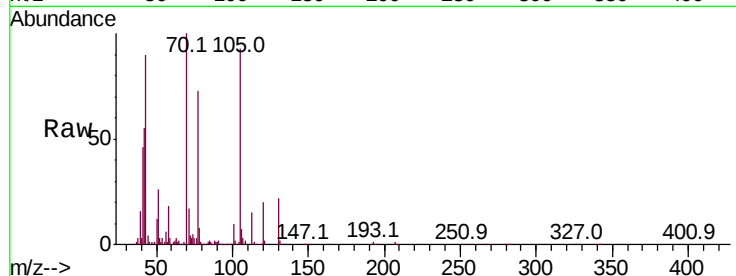
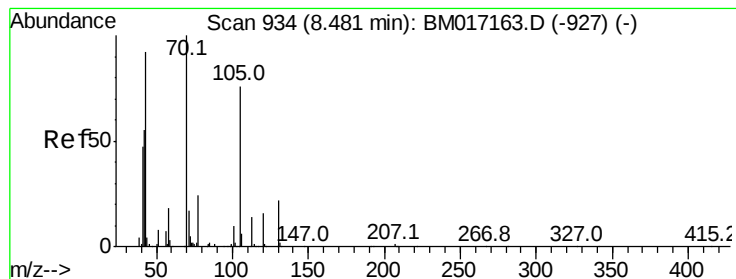
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#18
Hexachloroethane
Concen: 37.383 ng
RT: 8.71 min Scan# 973
Delta R.T. -0.00 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.9	78.2	117.2	
201	108.7	85.3	127.9	





#19

n-Nitroso-di-n-propylamine

Concen: 41.107 ng

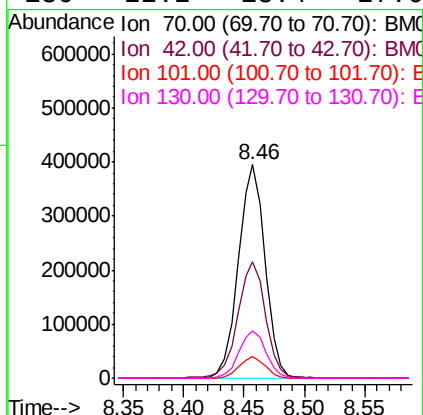
RT: 8.46 min Scan# 930

Delta R.T. -0.00 min

Lab File: BM017403.D

Acq: 29 Oct 2018 11:59

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.6	46.1	69.1	
101	10.4	8.2	12.4	
130	22.2	18.4	27.6	



Instrument :

BNA_M

ClientSampleId :

PB114216BS

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#20

3+4-Methylphenols

Concen: 47.780 ng

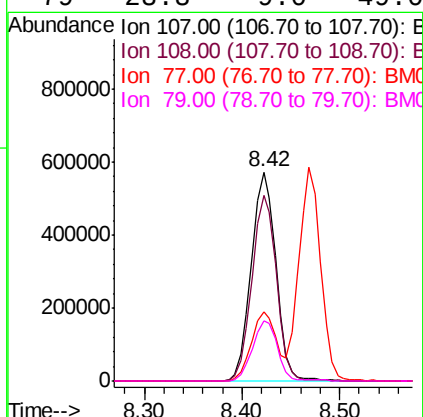
RT: 8.42 min Scan# 924

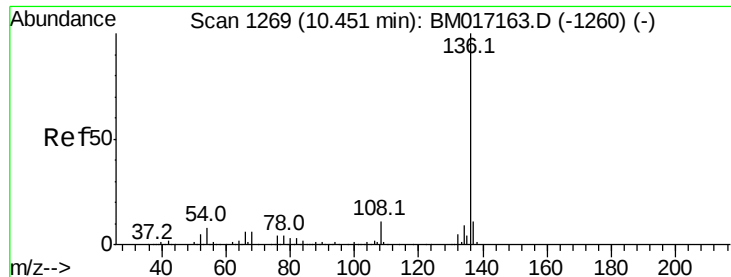
Delta R.T. -0.00 min

Lab File: BM017403.D

Acq: 29 Oct 2018 11:59

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.0	69.9	109.9	
77	33.2	12.2	52.2	
79	28.8	9.0	49.0	





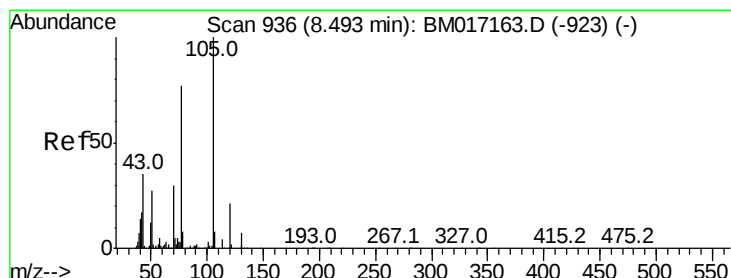
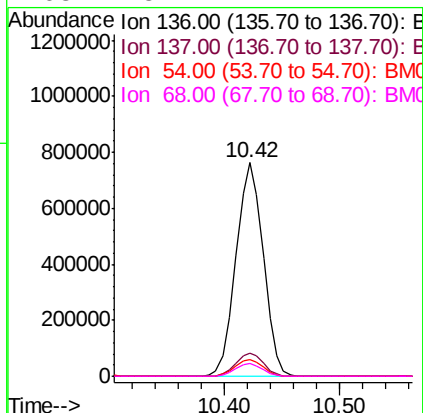
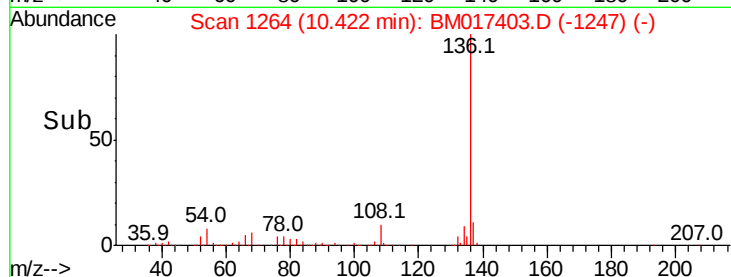
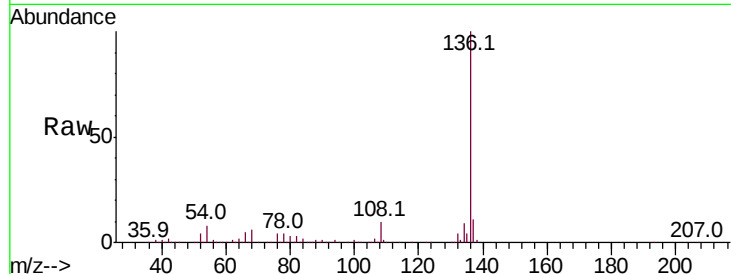
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.42 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

Instrument :
BNA_M
ClientSampleId :
PB114216BS

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	7.5	6.7	10.1
68	5.7	4.7	7.1

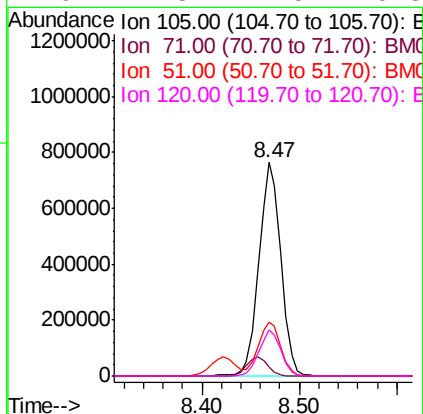
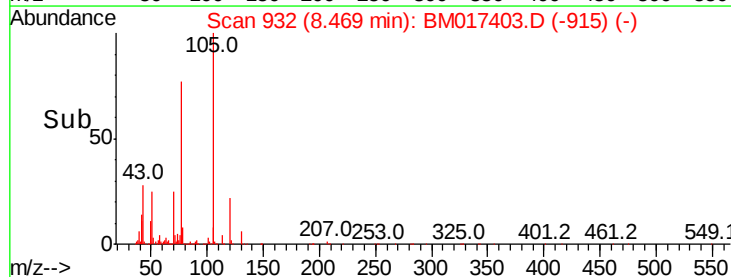
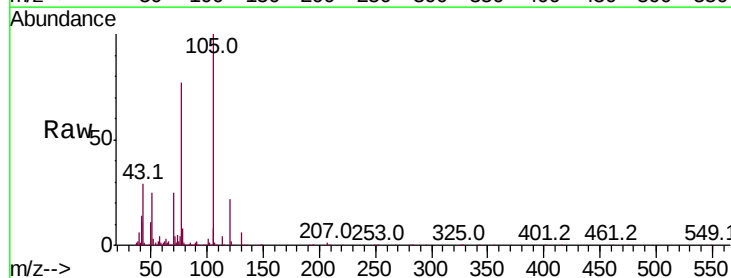
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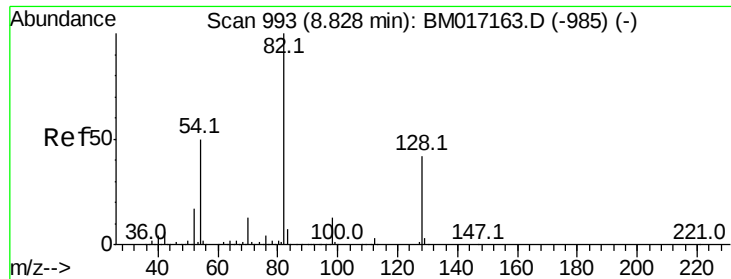
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#22
Acetophenone
Concen: 38.314 ng
RT: 8.47 min Scan# 932
Delta R.T. -0.00 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

Tgt Ion	Ratio	Lower	Upper
105	100		
71	3.9	2.0	3.0#
51	25.4	20.6	31.0
120	21.8	17.5	26.3





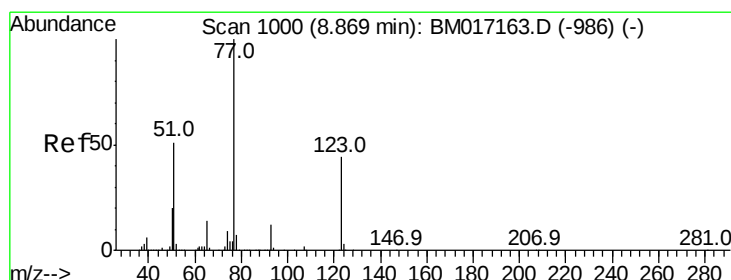
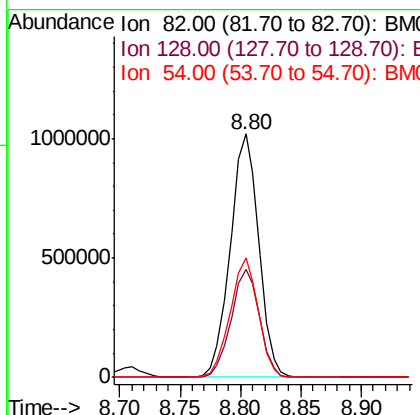
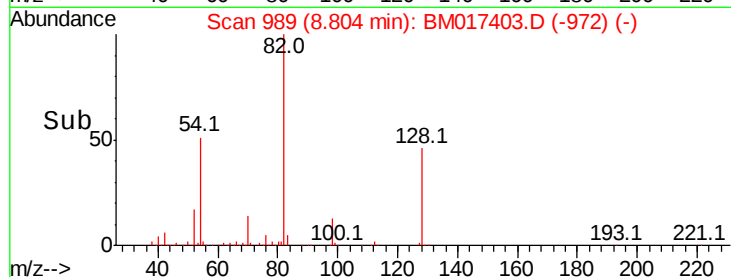
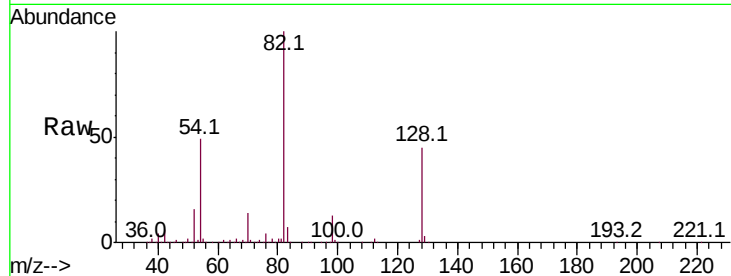
#23
Nitrobenzene-d5
Concen: 78.606 ng
RT: 8.80 min Scan# 989
Delta R.T. -0.00 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

Instrument :
BNA_M
ClientSampleId :
PB114216BS

Tot Ion: 82 Resp: 1676553
Ion Ratio Lower Upper
82 100
128 44.6 37.0 55.6
54 49.1 40.7 61.1

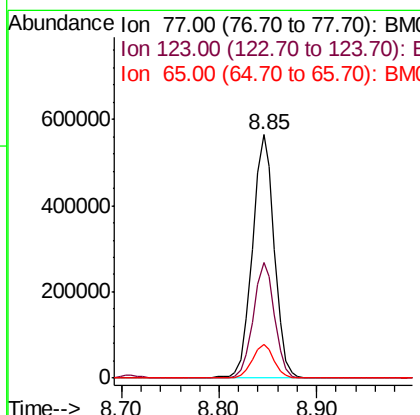
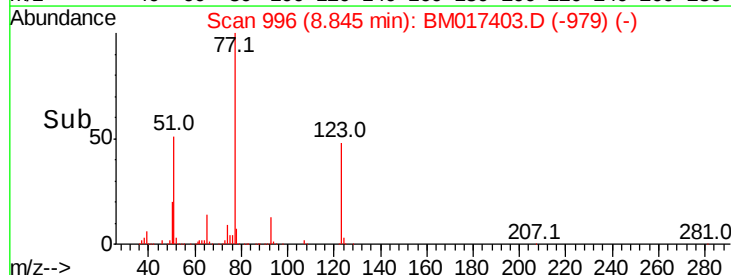
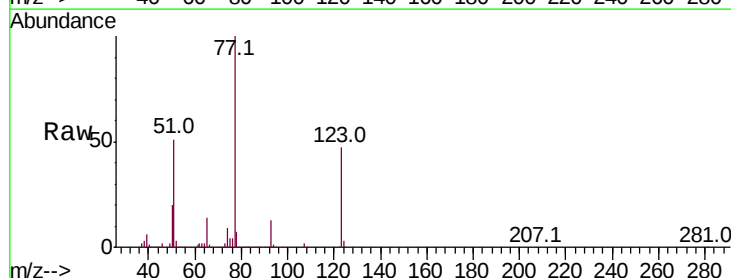
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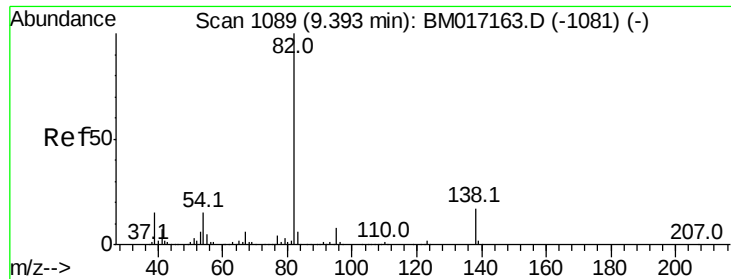
Sohil
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#24
Nitrobenzene
Concen: 39.494 ng
RT: 8.85 min Scan# 996
Delta R.T. -0.00 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

Tgt Ion: 77 Resp: 891012
Ion Ratio Lower Upper
77 100
123 47.5 40.2 60.4
65 13.7 11.4 17.0





#25

Isophorone

Concen: 46.824 ng

RT: 9.37 min Scan# 1085

Delta R.T. -0.00 min

Lab File: BM017403.D

Acq: 29 Oct 2018 11:59

Instrument :

BNA_M

ClientSampleId :

PB114216BS

Tot Ion: 82 Resp: 1649139

Ion Ratio Lower Upper

82 100

95 7.7 6.0 9.0

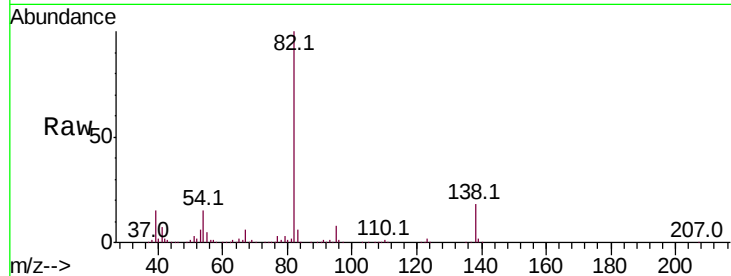
138 18.4 15.4 23.2

Manual Integrations

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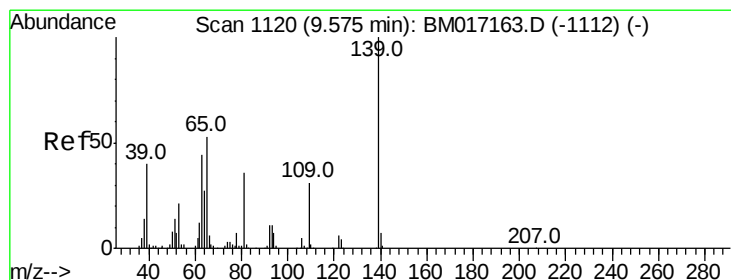
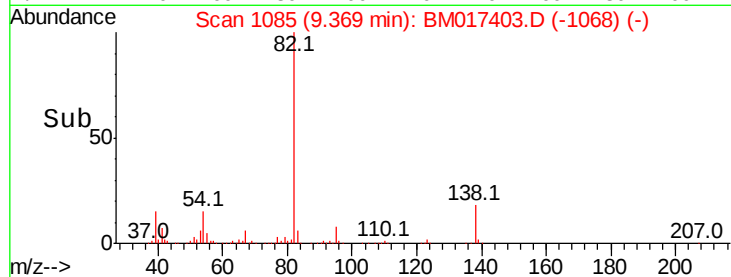
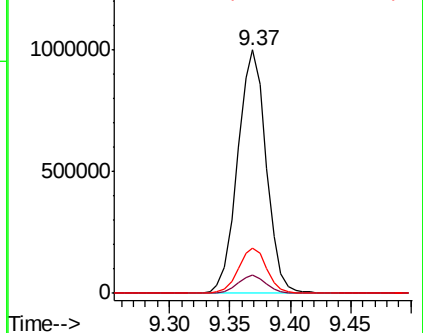
10/30/2018 4:43:02 PM



Abundance Ion 82.00 (81.70 to 82.70): BM017163.D (-1081) (-)

Ion 95.00 (94.70 to 95.70): BM017163.D (-1081) (-)

Ion 138.00 (137.70 to 138.70): BM017163.D (-1081) (-)



#26

2-Nitrophenol

Concen: 44.320 ng

RT: 9.55 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BM017403.D

Acq: 29 Oct 2018 11:59

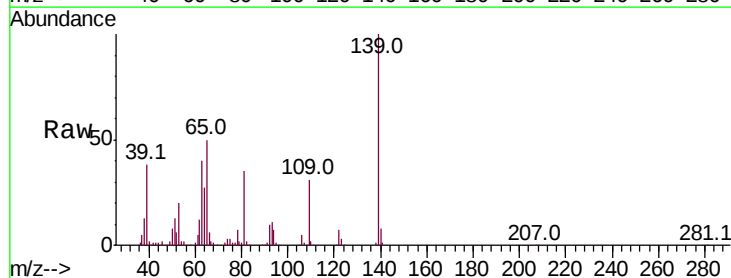
Tgt Ion: 139 Resp: 462726

Ion Ratio Lower Upper

139 100

109 31.0 23.2 34.8

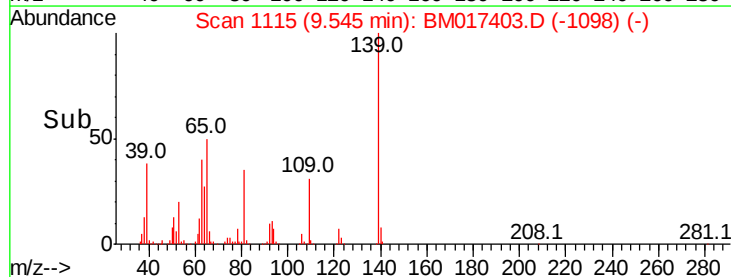
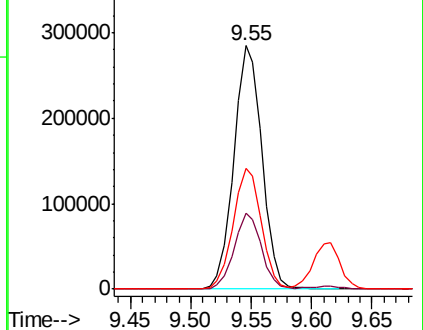
65 49.5 40.6 61.0

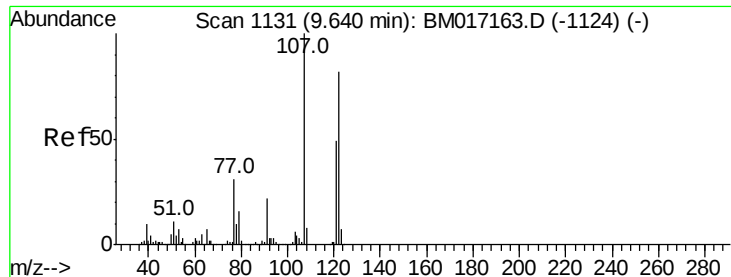


Abundance Ion 139.00 (138.70 to 139.70): BM017163.D (-1112) (-)

Ion 109.00 (108.70 to 109.70): BM017163.D (-1112) (-)

Ion 65.00 (64.70 to 65.70): BM017163.D (-1112) (-)





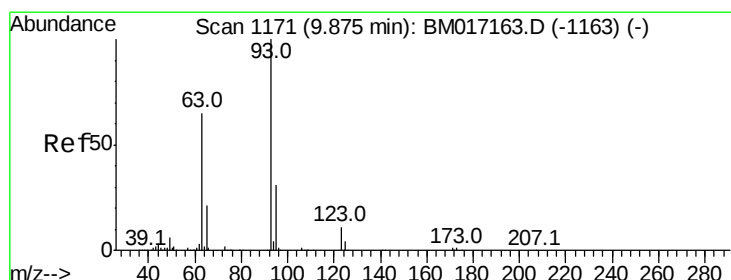
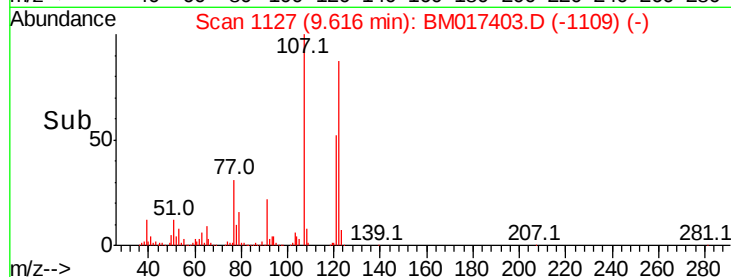
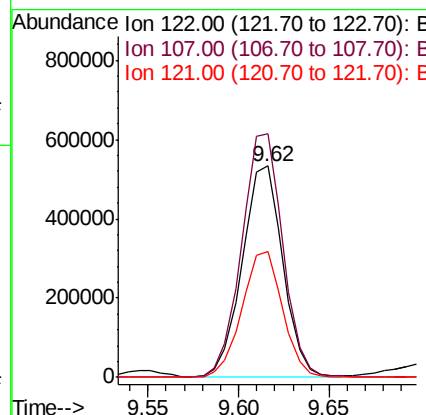
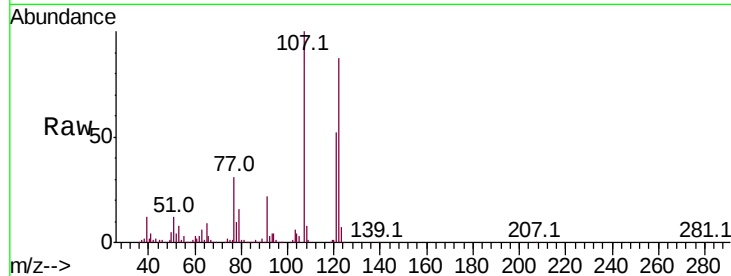
#27
2,4-Dimethylphenol
Concen: 53.175 ng
RT: 9.62 min Scan# 1127
Delta R.T. 0.01 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

Instrument :
BNA_M
ClientSampleId :
PB114216BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.3	95.0	142.6
121	59.8	48.2	72.4

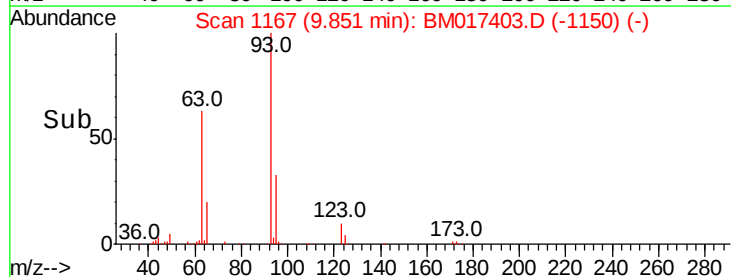
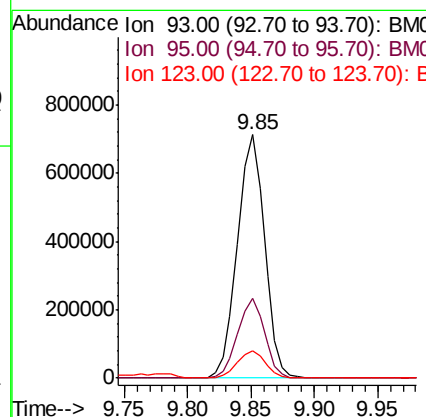
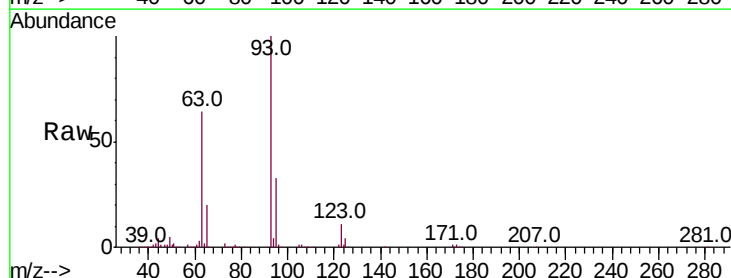
Manual Integrations
APPROVED

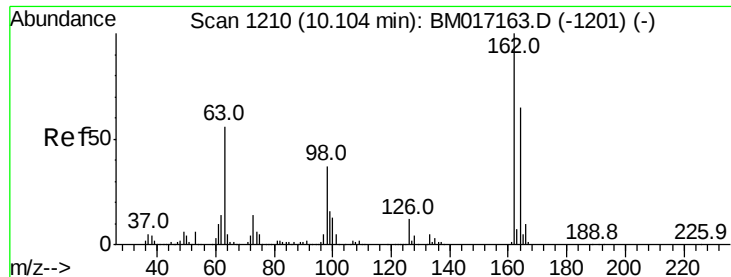
Sohil
10/30/2018 4:43:02 PM



#28
bis(2-Chloroethoxy)methane
Concen: 42.652 ng
RT: 9.85 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	25.7	38.5
123	11.4	9.4	14.0





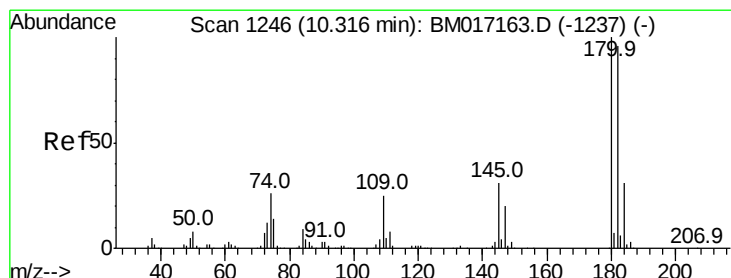
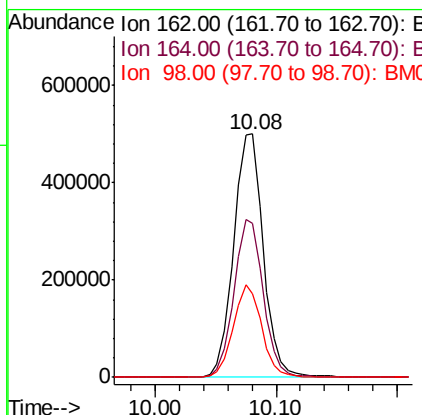
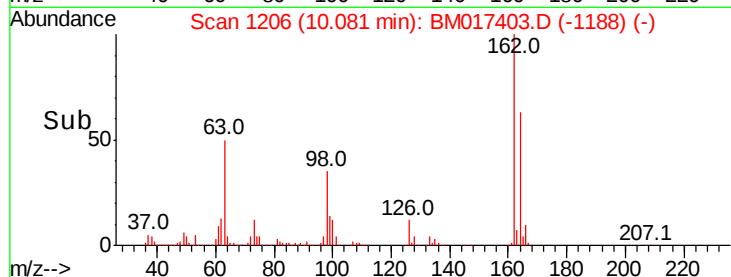
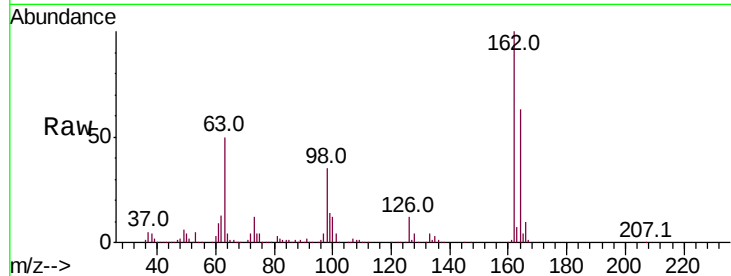
#29
2,4-Dichlorophenol
Concen: 47.425 ng
RT: 10.08 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

Instrument :
BNA_M
ClientSampleId :
PB114216BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	44.9	84.9
98	34.5	15.8	55.8

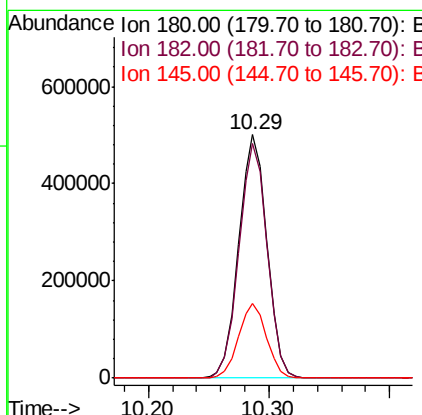
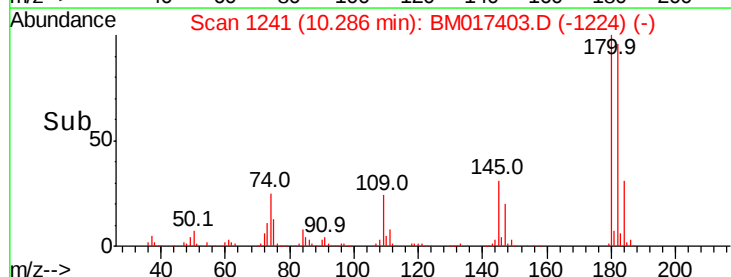
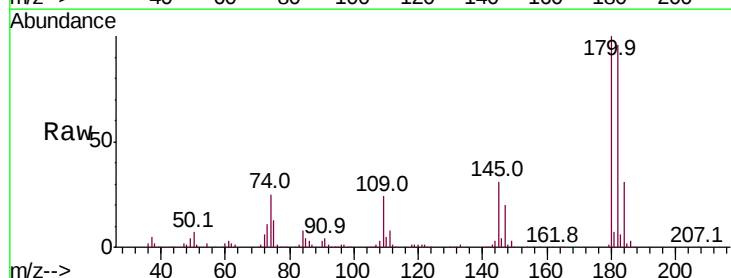
Manual Integrations
APPROVED

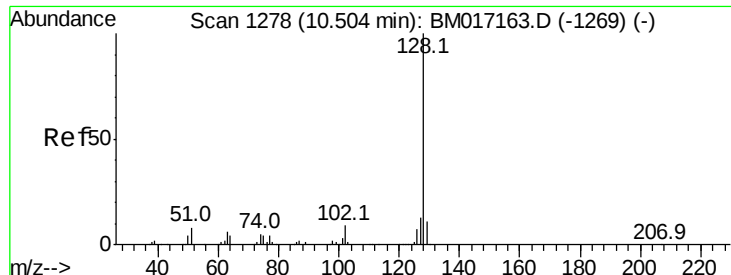
Sohil
10/30/2018 4:43:02 PM



#30
1,2,4-Trichlorobenzene
Concen: 37.504 ng
RT: 10.29 min Scan# 1241
Delta R.T. -0.00 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	77.5	116.3
145	30.7	24.0	36.0





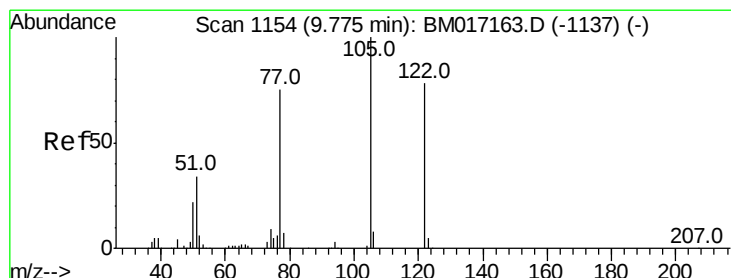
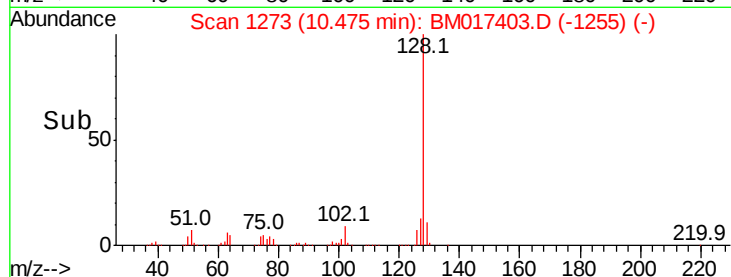
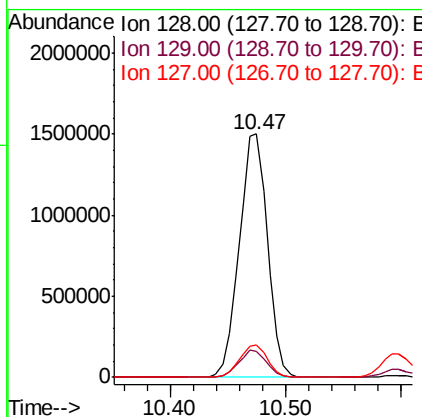
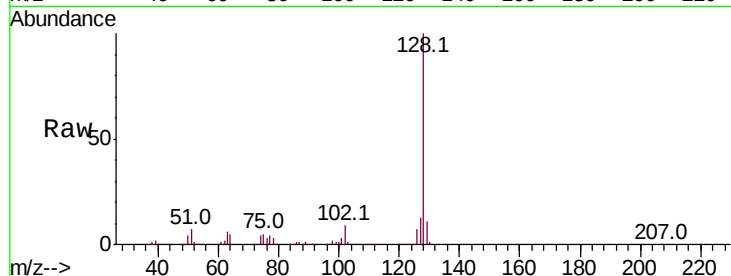
#31
Naphthalene
Concen: 41.448 ng
RT: 10.47 min Scan# 1273
Delta R.T. 0.01 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

Instrument :
BNA_M
ClientSampleId :
PB114216BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.5	12.7
127	13.2	10.3	15.5

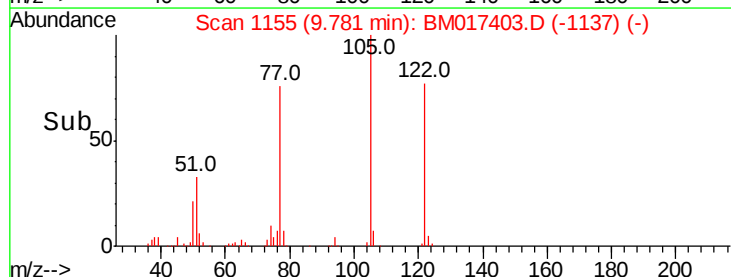
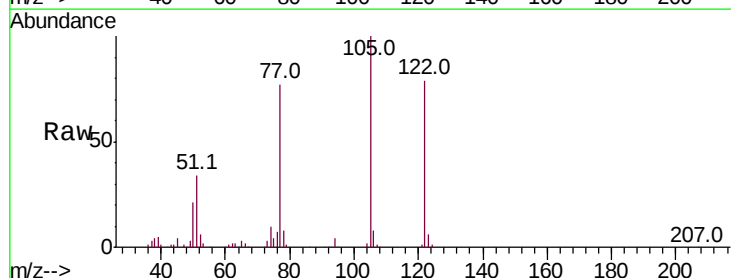
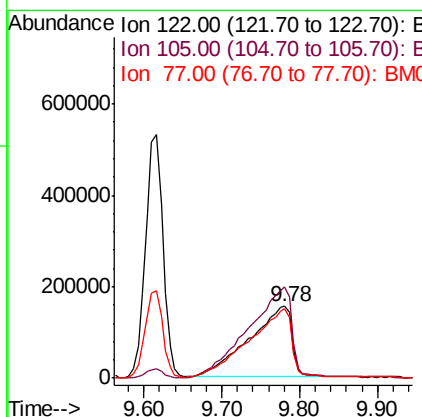
Manual Integrations
APPROVED

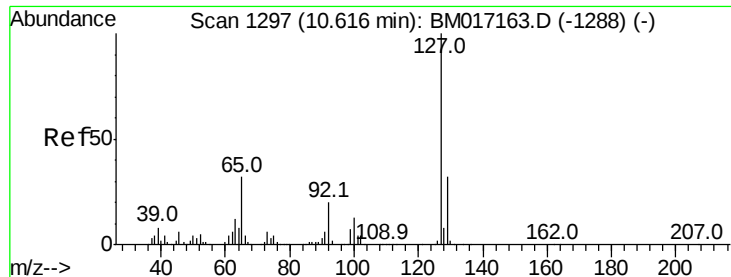
Sohil
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#32
Benzoic acid
Concen: 50.912 ng m
RT: 9.78 min Scan# 1155
Delta R.T. 0.01 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.0	102.0	142.0
77	97.5	67.7	107.7





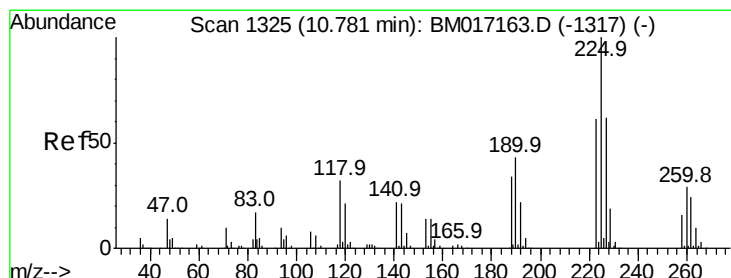
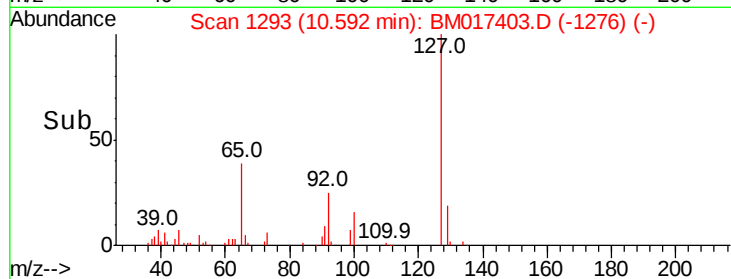
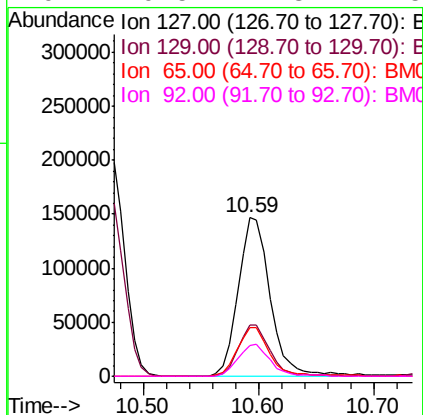
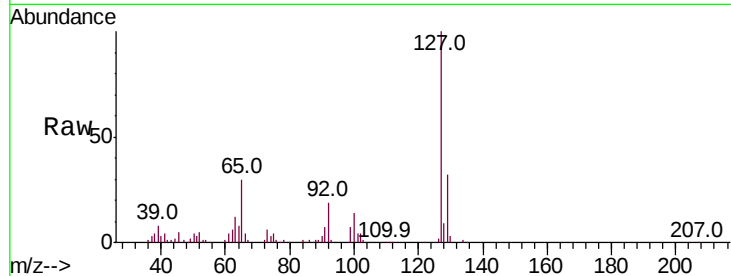
#33
4-Chloroaniline
Concen: 10.703 ng
RT: 10.59 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

Instrument :
BNA_M
ClientSampleId :
PB114216BS

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	31.9	26.2	39.4
65	30.5	23.7	35.5
92	19.5	14.3	21.5

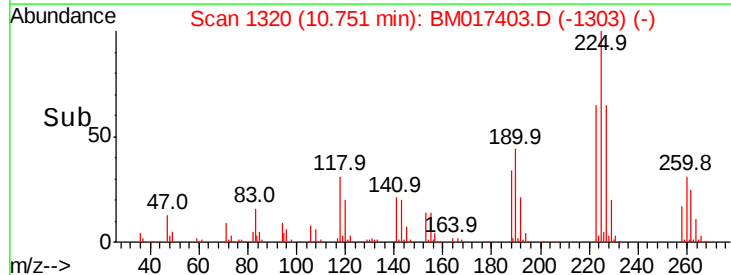
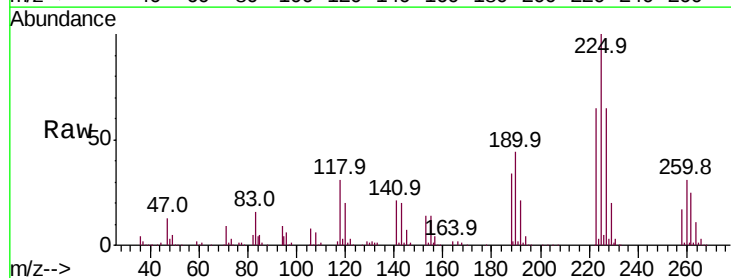
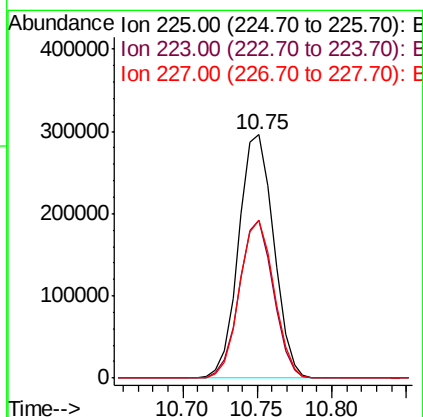
Manual Integrations
APPROVED

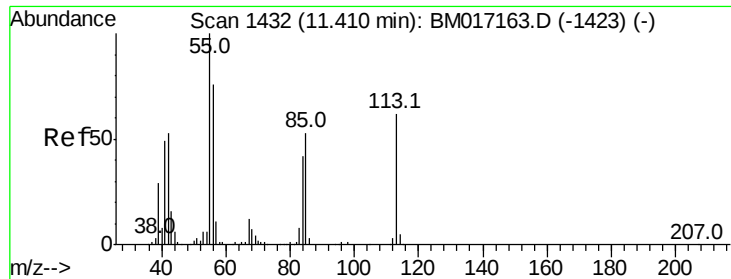
Sohil
10/30/2018 4:43:02 PM



#34
Hexachlorobutadiene
Concen: 35.124 ng
RT: 10.75 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	64.8	51.0	76.6
227	64.9	50.8	76.2





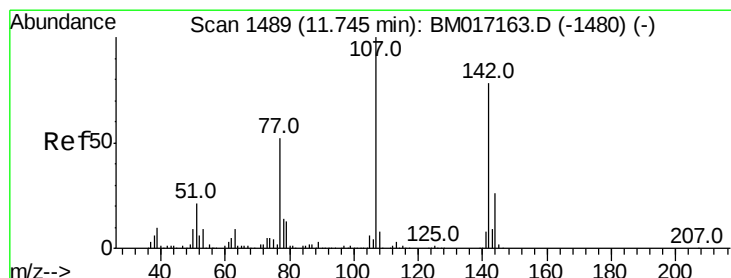
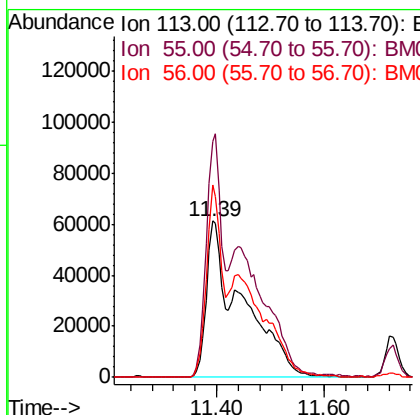
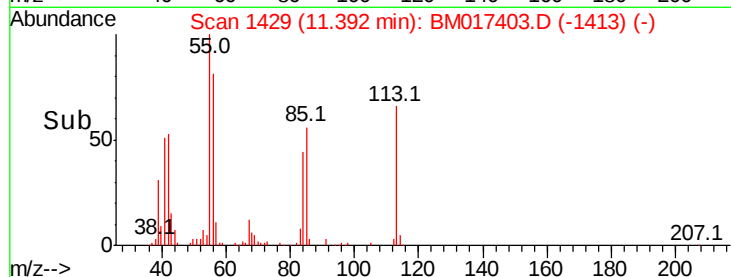
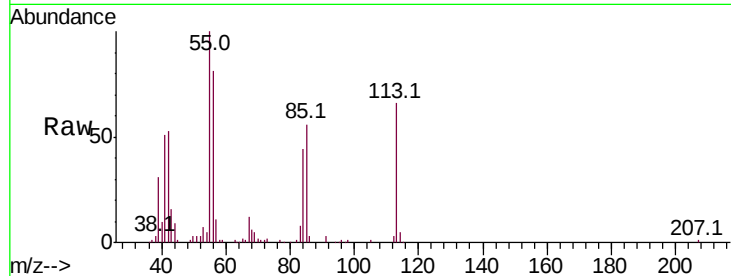
#35
 Caprolactam
 Concen: 42.567 ng/ml
 RT: 11.39 min Scan# 1429
 Delta R.T. -0.01 min
 Lab File: BM017403.D
 Acq: 29 Oct 2018 11:59

Instrument :
 BNA_M
 ClientSampleId :
 PB114216BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	151.2	147.0	187.0
56	122.9	104.5	144.5

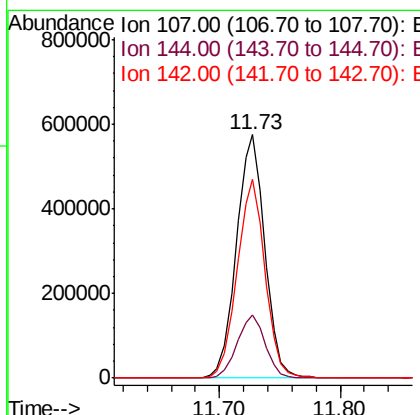
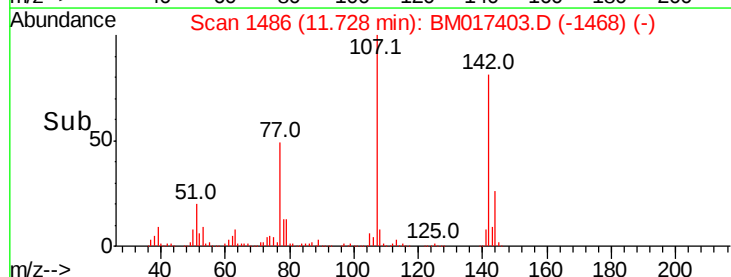
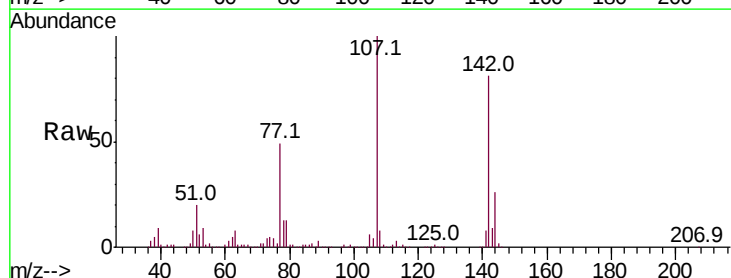
Manual Integrations
 APPROVED

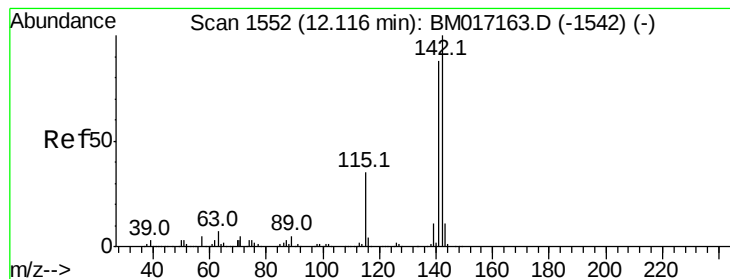
Sohil
 10/30/2018 4:43:02 PM



#36
 4-Chloro-3-methylphenol
 Concen: 46.245 ng/ml
 RT: 11.73 min Scan# 1486
 Delta R.T. 0.01 min
 Lab File: BM017403.D
 Acq: 29 Oct 2018 11:59

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.9	21.6	32.4
142	81.4	66.0	99.0





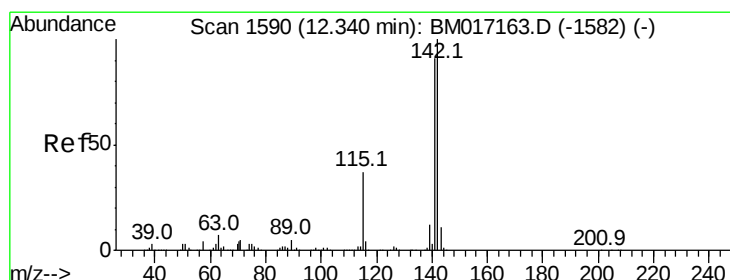
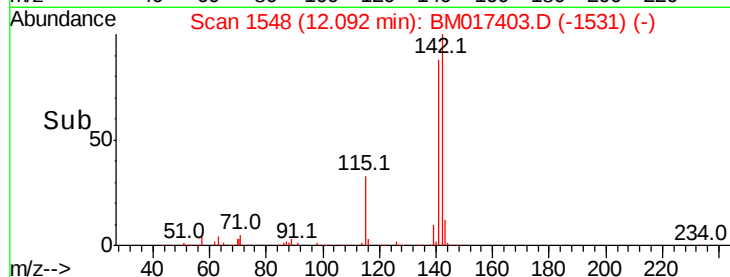
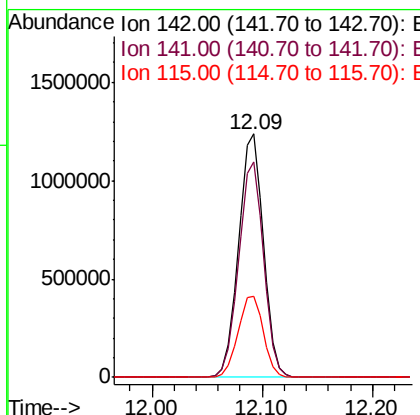
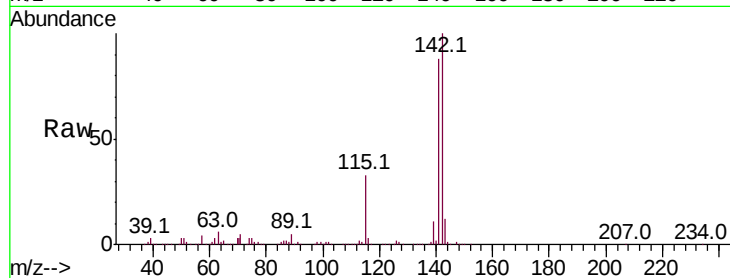
#37
 2-Methylnaphthalene
 Concen: 46.751 ng
 RT: 12.09 min Scan# 1548
 Delta R.T. -0.00 min
 Lab File: BM017403.D
 Acq: 29 Oct 2018 11:59

Instrument :
 BNA_M
 ClientSampleId :
 PB114216BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.9	106.3
115	33.5	26.4	39.6

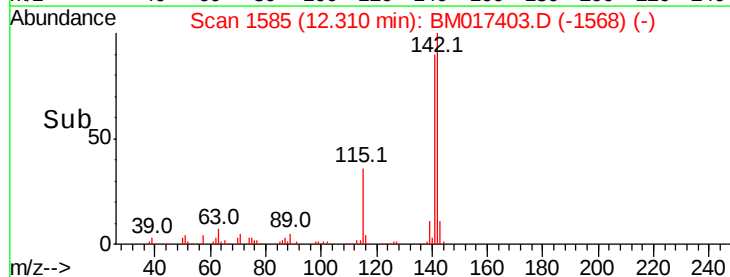
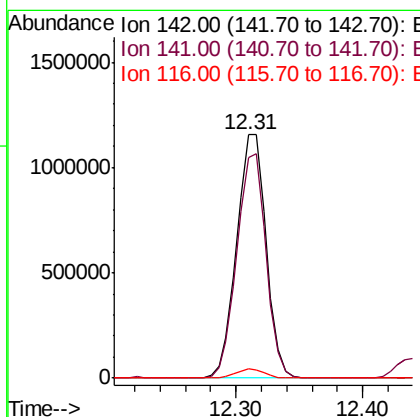
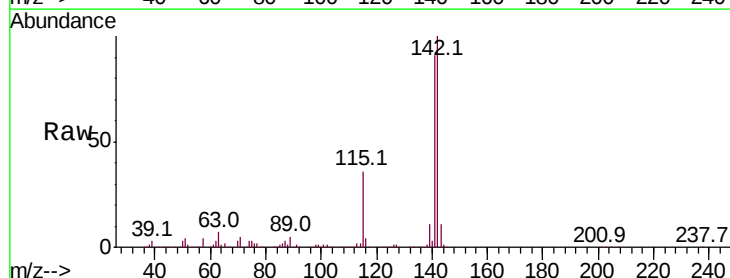
Manual Integrations
 APPROVED

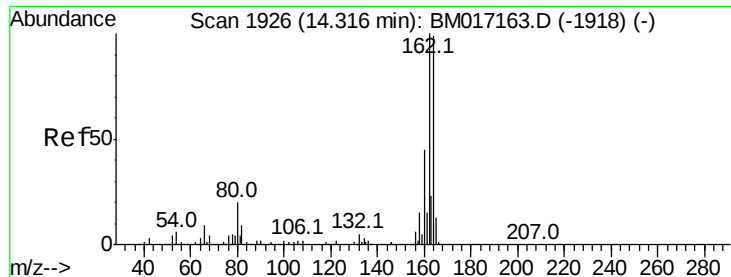
Sohil
 10/30/2018 4:43:02 PM



#38
 1-Methylnaphthalene
 Concen: 45.596 ng
 RT: 12.31 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: BM017403.D
 Acq: 29 Oct 2018 11:59

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.5	73.8	110.6
116	3.9	2.9	4.3





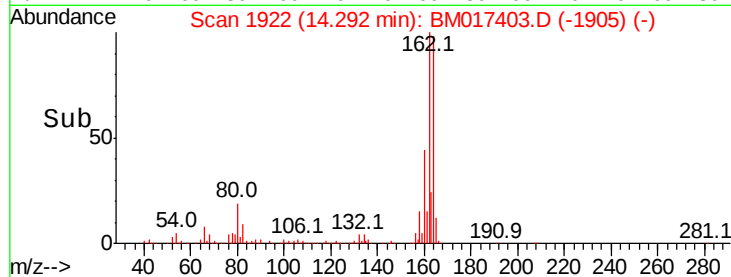
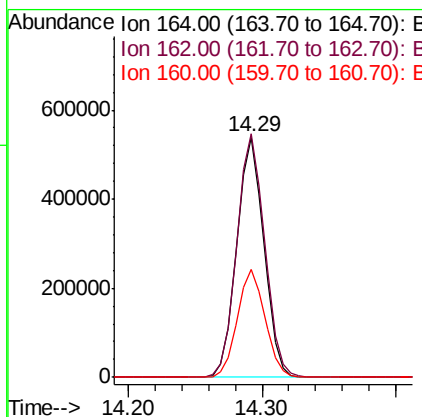
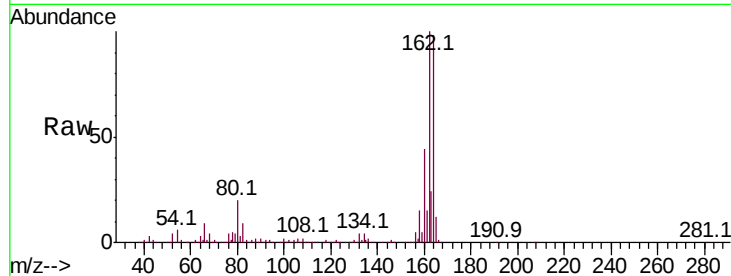
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.29 min Scan# 1922
Delta R.T. -0.00 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

Instrument :
BNA_M
ClientSampleId :
PB114216BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.5	82.1	123.1
160	44.9	40.2	60.2

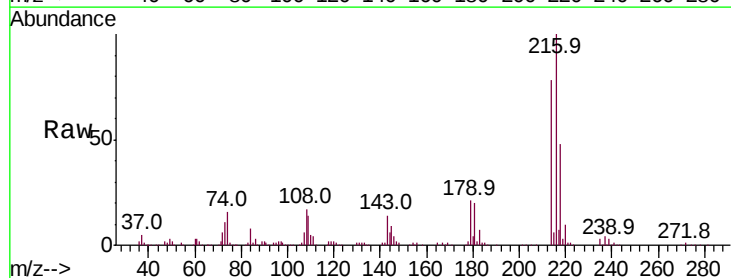
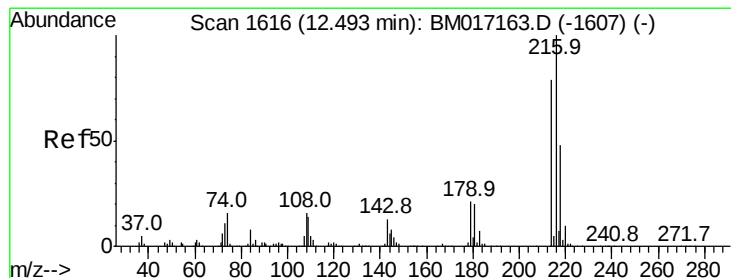
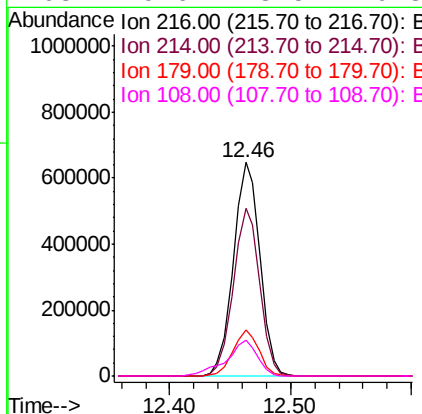
Manual Integrations
APPROVED

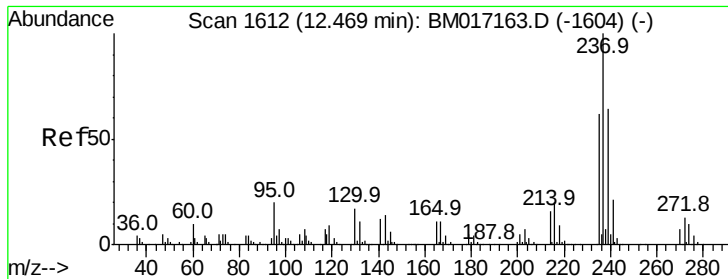
Sohil
10/30/2018 4:43:02 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.932 ng
RT: 12.46 min Scan# 1611
Delta R.T. -0.00 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.2	62.6	93.8
179	20.9	16.6	24.8
108	19.6	13.5	20.3





#41

Hexachlorocyclopentadiene

Concen: 95.276 ng

RT: 12.44 min Scan# 1607

Delta R.T. -0.00 min

Lab File: BM017403.D

Acq: 29 Oct 2018 11:59

Instrument :

BNA_M

ClientSampleId :

PB114216BS

Tot Ion:237 Resp: 1230979

Ion Ratio Lower Upper

237 100

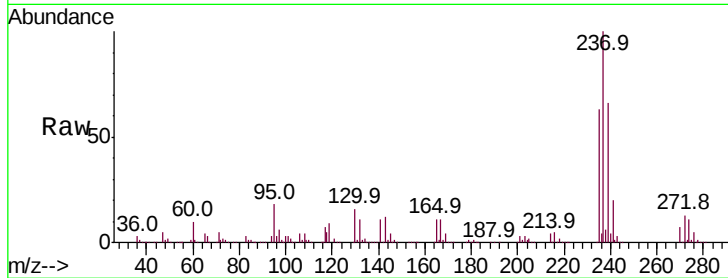
235 63.3 42.4 82.4

272 13.0 0.0 33.0

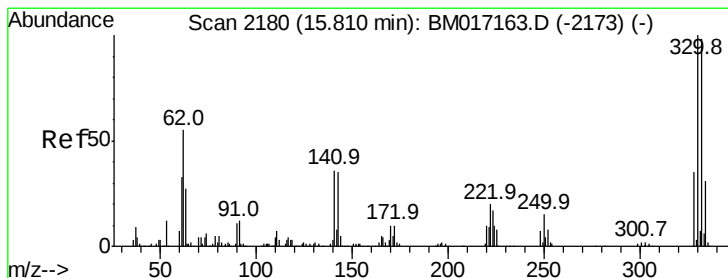
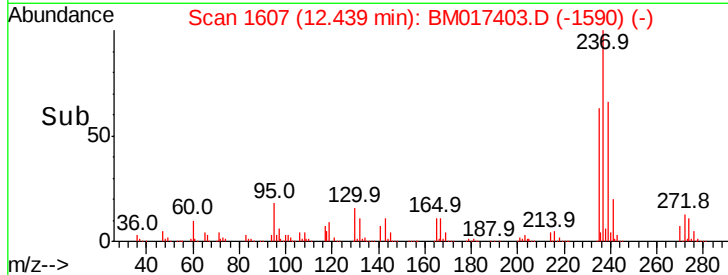
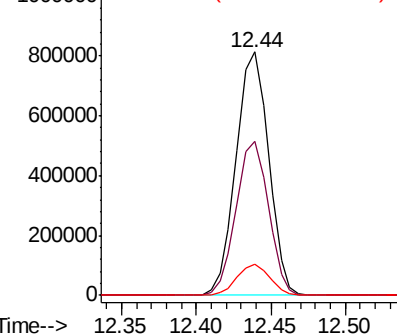
Manual Integrations
APPROVED

Sohil

10/30/2018 4:43:02 PM



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



#42

2,4,6-Tribromophenol

Concen: 123.047 ng

RT: 15.79 min Scan# 2177

Delta R.T. -0.00 min

Lab File: BM017403.D

Acq: 29 Oct 2018 11:59

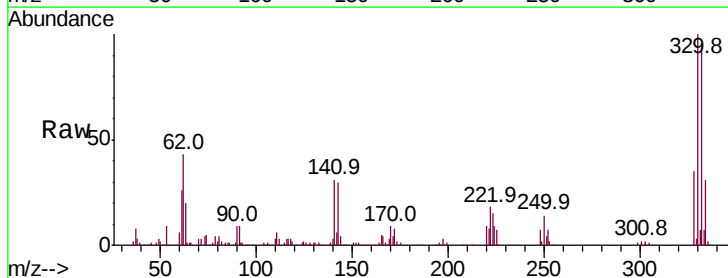
Tgt Ion:330 Resp: 1262828

Ion Ratio Lower Upper

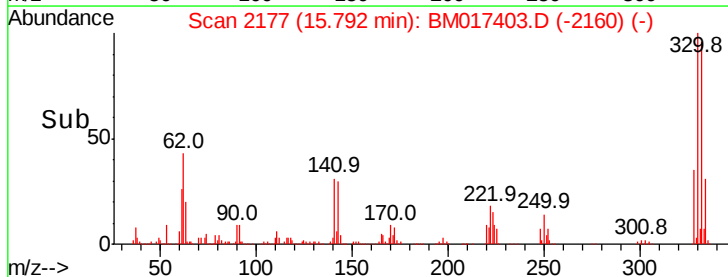
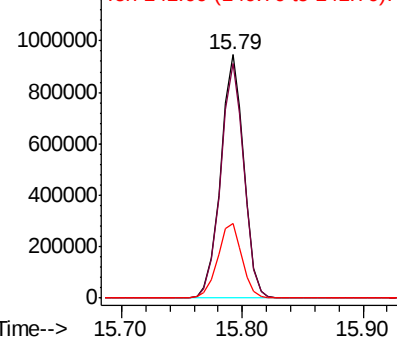
330 100

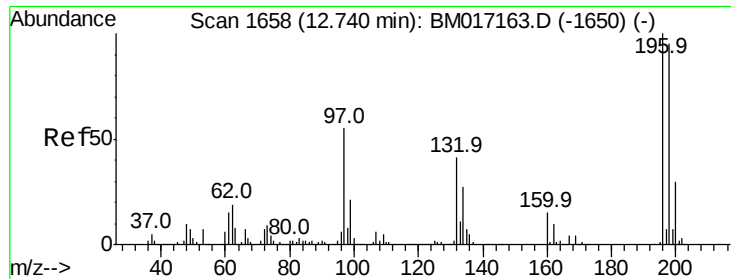
332 96.8 77.3 115.9

141 31.9 27.4 41.0



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





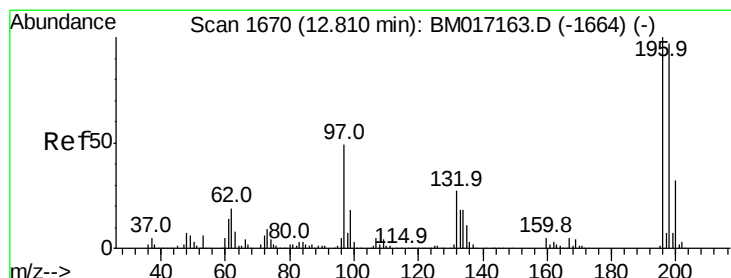
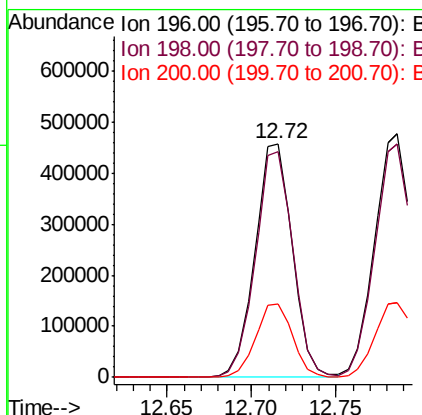
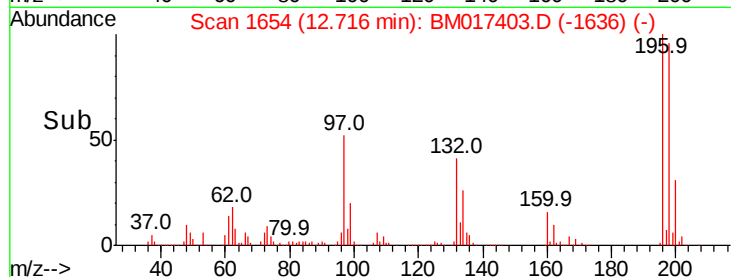
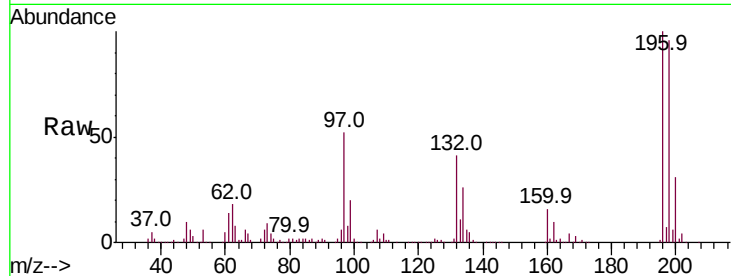
#43
 2,4,6-Trichlorophenol
 Concen: 45.397 ng
 RT: 12.72 min Scan# 1654
 Delta R.T. 0.01 min
 Lab File: BM017403.D
 Acq: 29 Oct 2018 11:59

Instrument :
 BNA_M
 ClientSampleId :
 PB114216BS

Tot Ion:	196	Resp:	704312
Ion Ratio	Lower	Upper	
196	100		
198	96.3	77.1	115.7
200	31.5	25.0	37.4

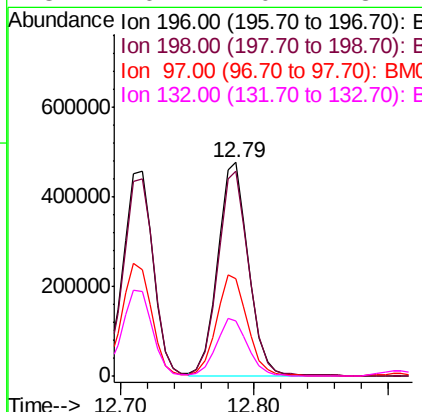
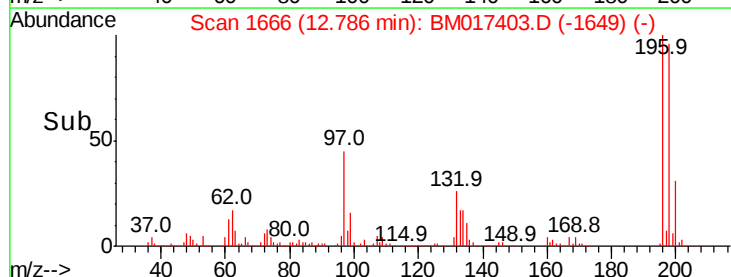
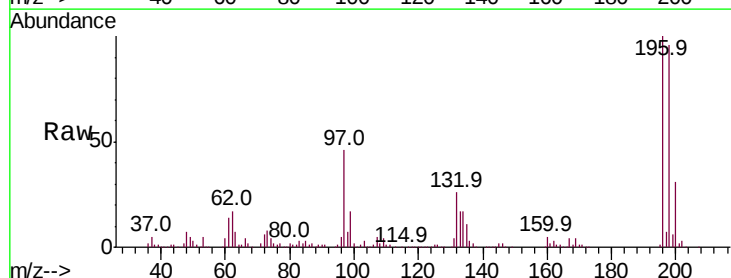
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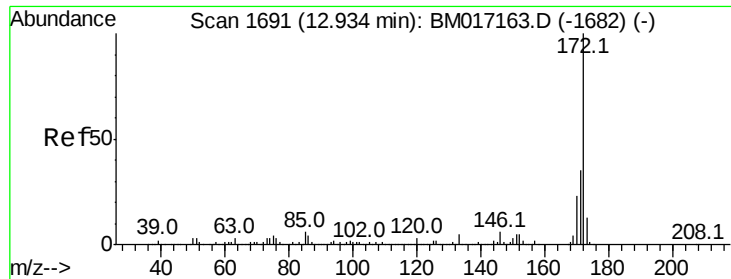
Sohil
 10/30/2018 4:43:02 PM



#44
 2,4,5-Trichlorophenol
 Concen: 45.930 ng
 RT: 12.79 min Scan# 1666
 Delta R.T. -0.00 min
 Lab File: BM017403.D
 Acq: 29 Oct 2018 11:59

Tgt Ion:	196	Resp:	764118
Ion Ratio	Lower	Upper	
196	100		
198	95.9	76.6	115.0
97	45.7	35.5	53.3
132	26.1	20.7	31.1





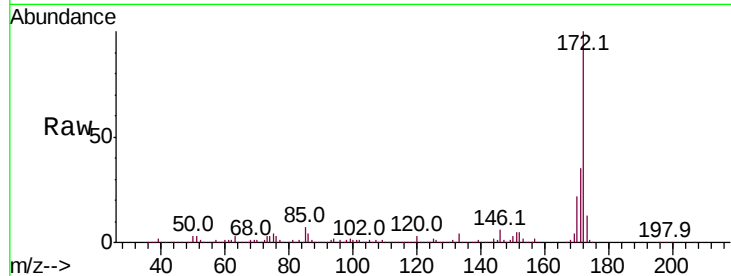
#45
2-Fluorobiphenyl
Concen: 74.793 ng
RT: 12.90 min Scan# 1686
Delta R.T. -0.00 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

Instrument :
BNA_M
ClientSampleId :
PB114216BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.3	42.5
170	22.1	18.3	27.5

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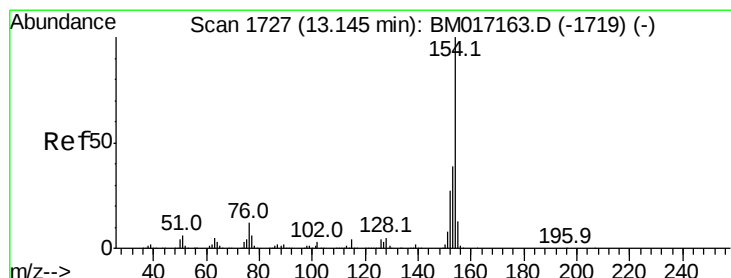
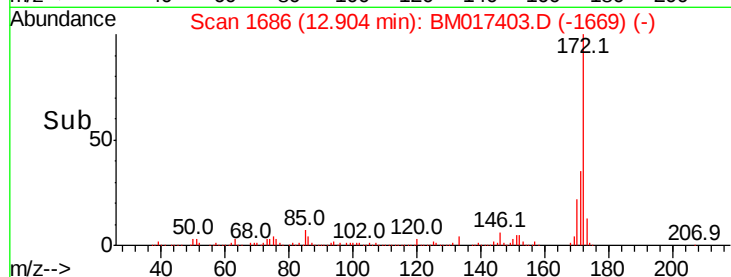
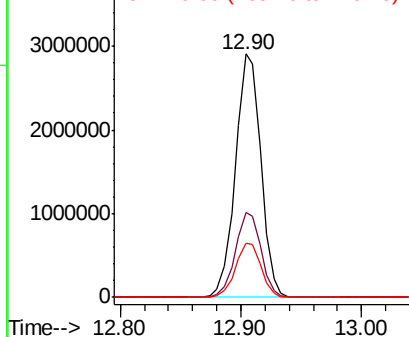


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 36.815 ng
RT: 13.12 min Scan# 1723
Delta R.T. 0.01 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

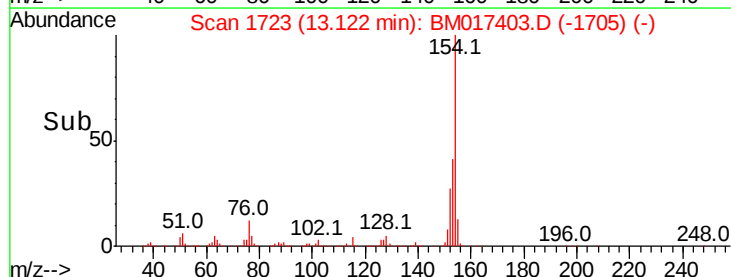
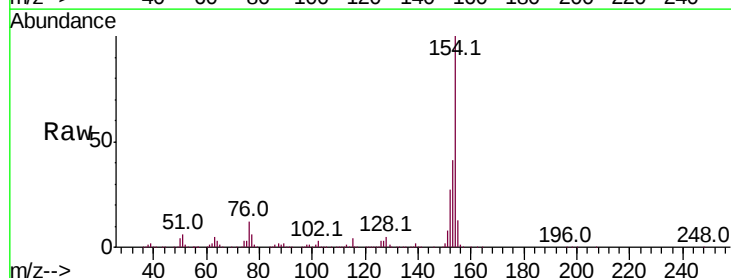
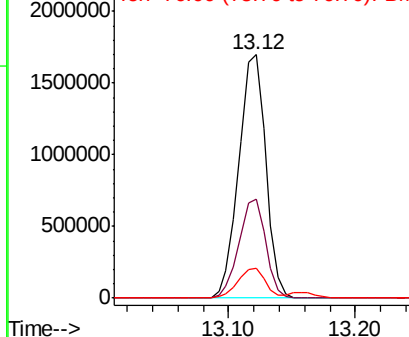
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.5	60.5
76	12.0	0.0	31.8

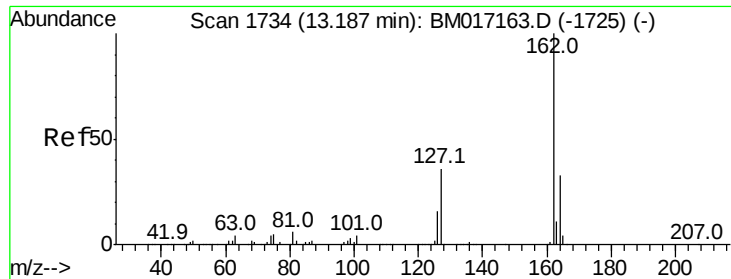
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM0





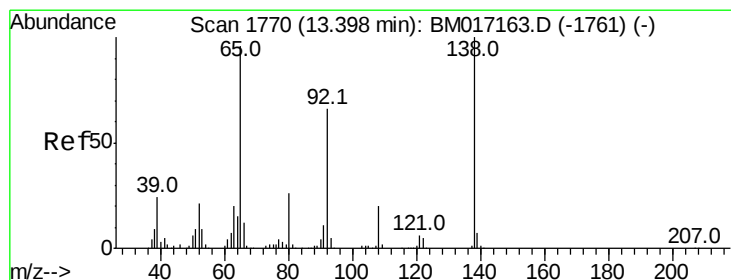
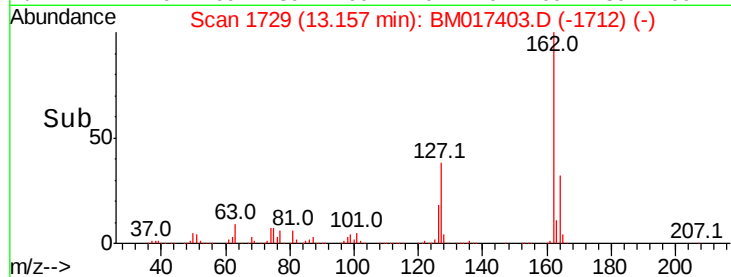
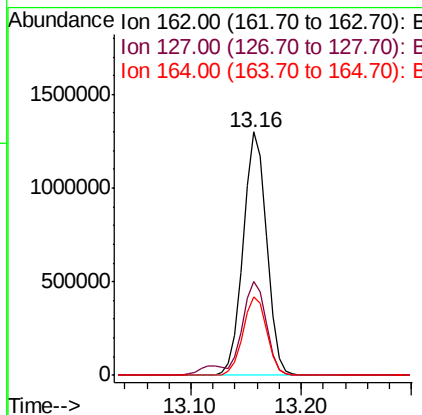
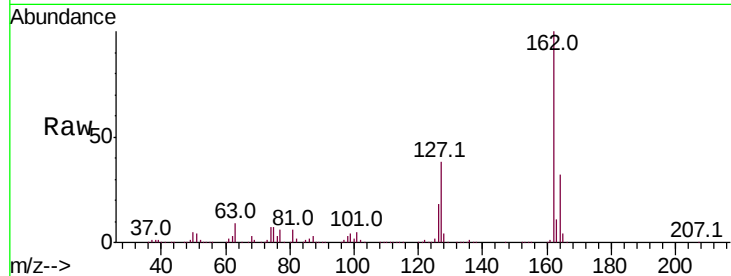
#47
2-Chloronaphthalene
Concen: 38.802 ng
RT: 13.16 min Scan# 1729
Delta R.T. -0.00 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

Instrument :
BNA_M
ClientSampleId :
PB114216BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.5	31.0	46.4
164	32.4	26.6	39.8

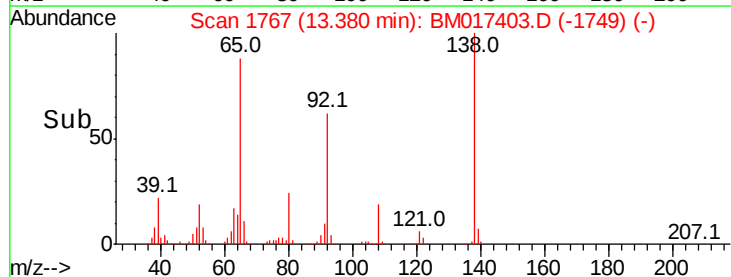
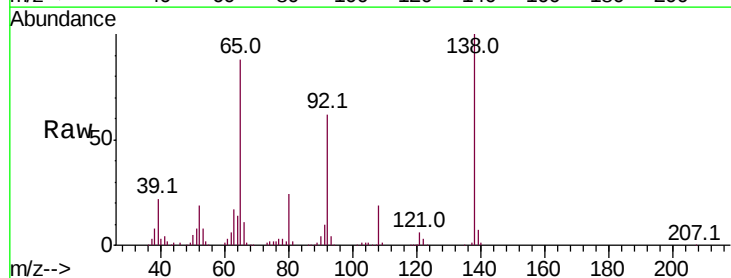
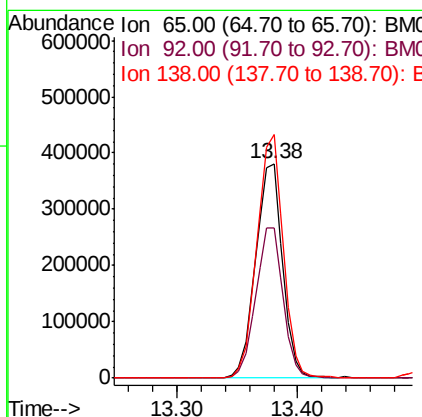
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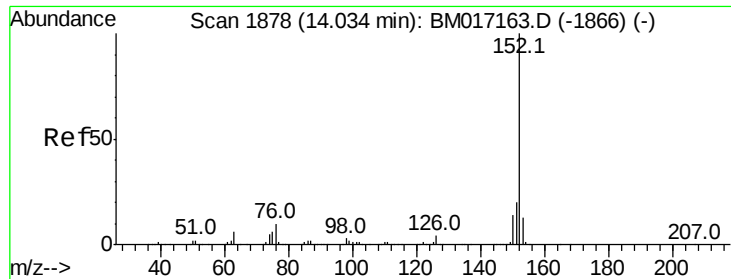
Sohil
10/30/2018 4:43:02 PM



#48
2-Nitroaniline
Concen: 42.636 ng
RT: 13.38 min Scan# 1767
Delta R.T. 0.01 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.1	54.9	82.3
138	113.4	83.7	125.5





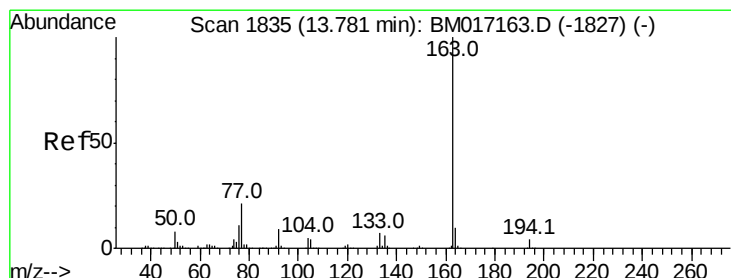
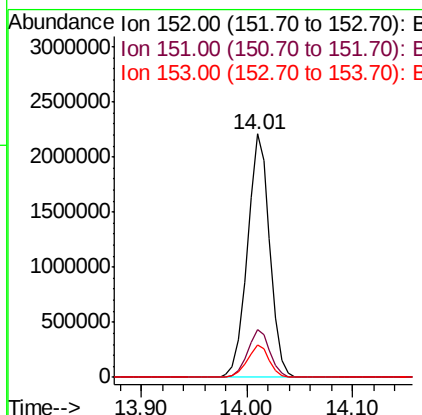
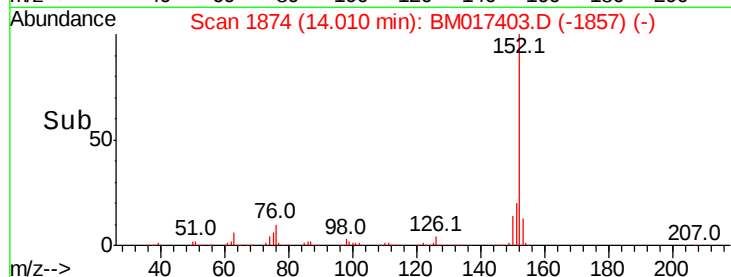
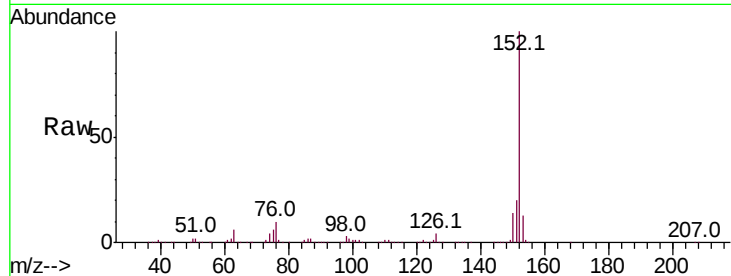
#49
Acenaphthylene
Concen: 44.324 ng
RT: 14.01 min Scan# 1874
Delta R.T. -0.00 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

Instrument :
BNA_M
ClientSampleId :
PB114216BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.0	24.0
153	13.2	10.4	15.6

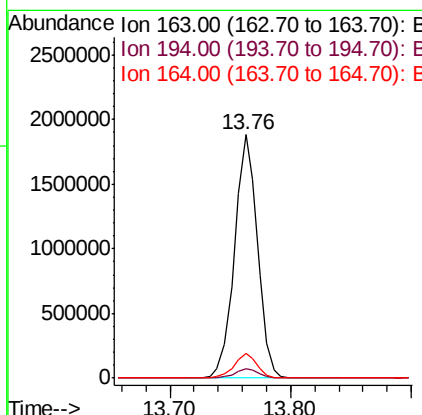
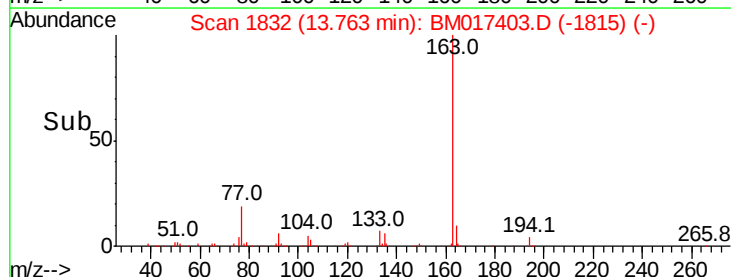
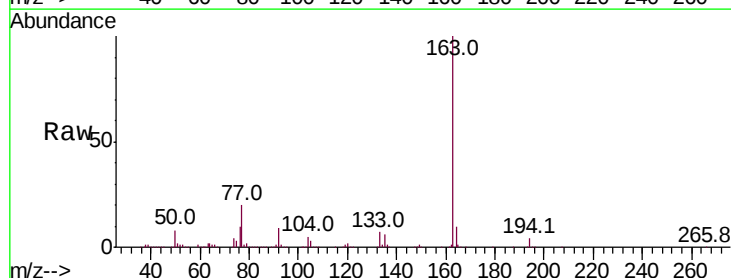
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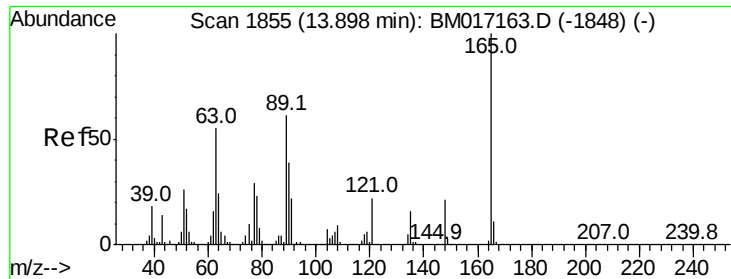
Sohil
10/30/2018 4:43:02 PM



#50
Dimethylphthalate
Concen: 42.562 ng
RT: 13.76 min Scan# 1832
Delta R.T. -0.00 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.0	7.8	11.8





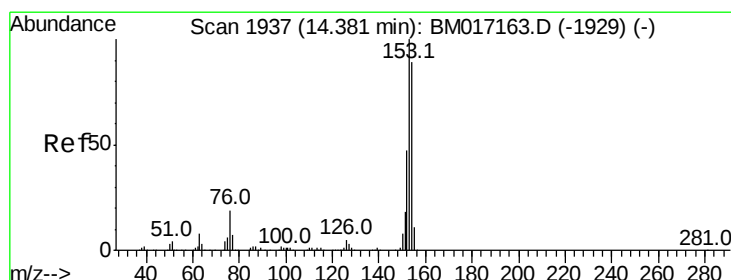
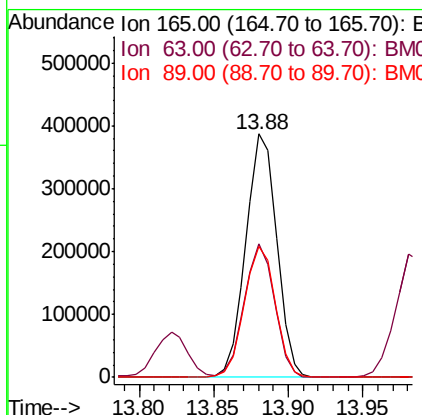
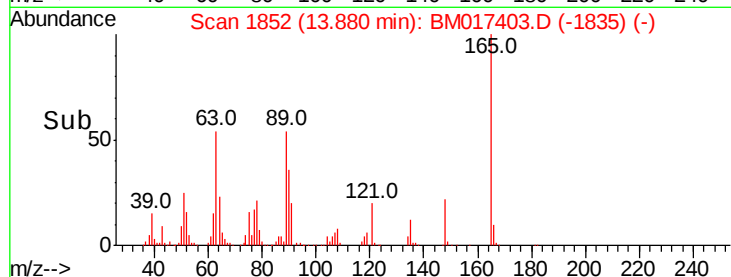
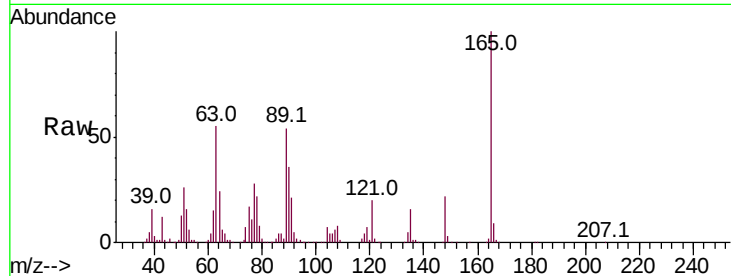
#51
2,6-Dinitrotoluene
Concen: 43.002 ng
RT: 13.88 min Scan# 1852
Delta R.T. -0.00 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

Instrument :
BNA_M
ClientSampleId :
PB114216BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	54.9	42.7	64.1
89	53.7	42.1	63.1

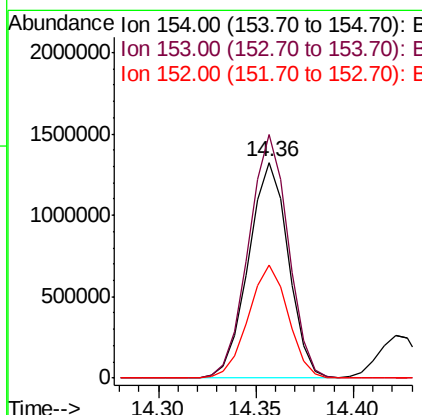
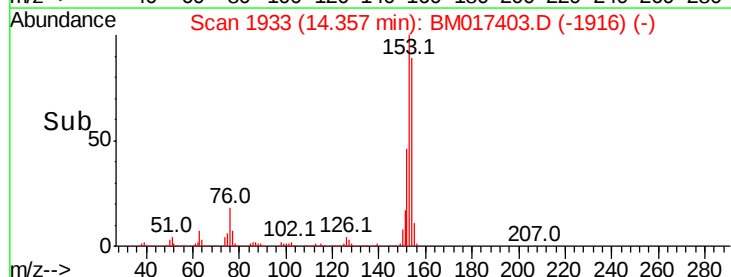
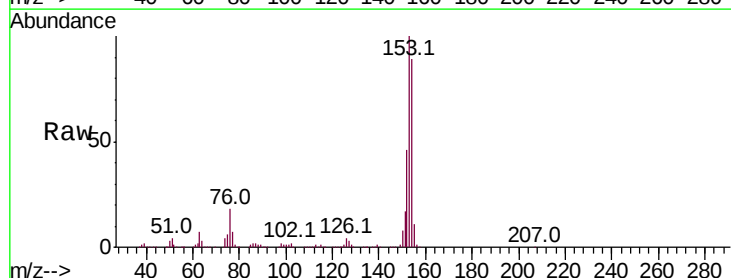
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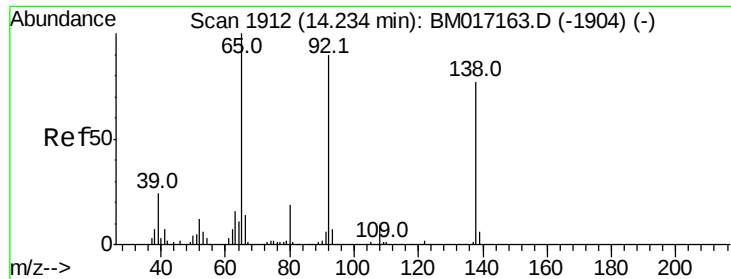
Sohil
10/30/2018 4:43:02 PM



#52
Acenaphthene
Concen: 41.088 ng
RT: 14.36 min Scan# 1933
Delta R.T. -0.00 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.8	90.2	135.2
152	52.4	44.2	66.4





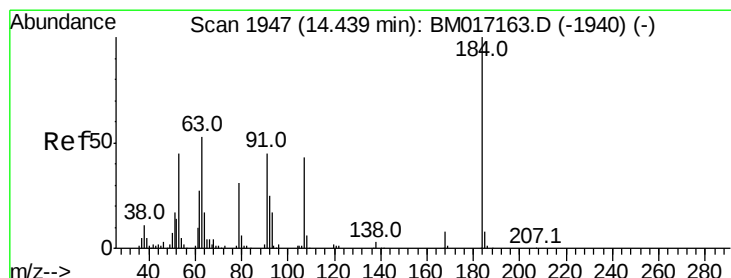
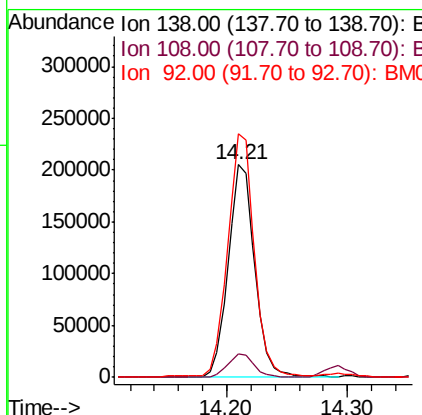
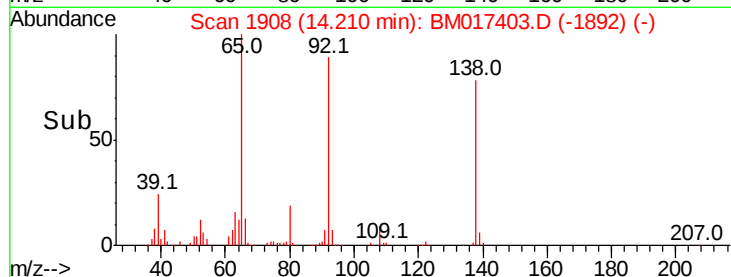
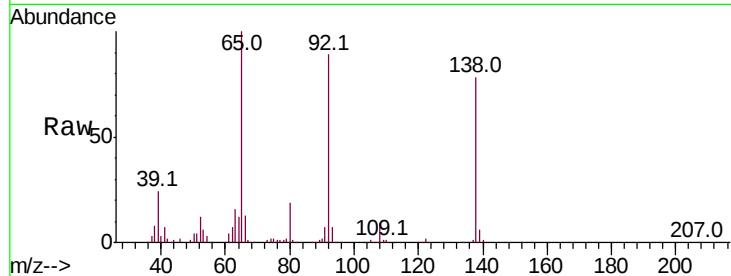
#53
3-Nitroaniline
Concen: 22.522 ng
RT: 14.21 min Scan# 1908
Delta R.T. -0.01 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

Instrument :
BNA_M
ClientSampleId :
PB114216BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.9	8.7	13.1
92	114.4	87.9	131.9

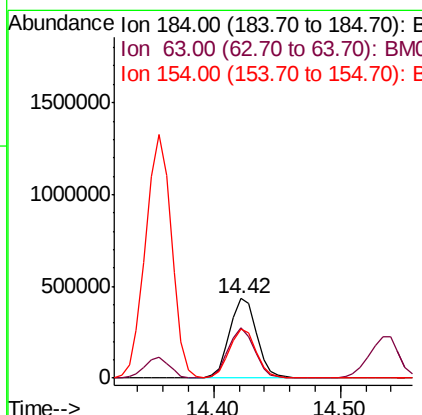
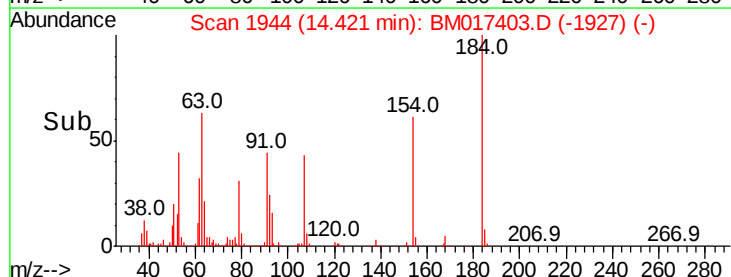
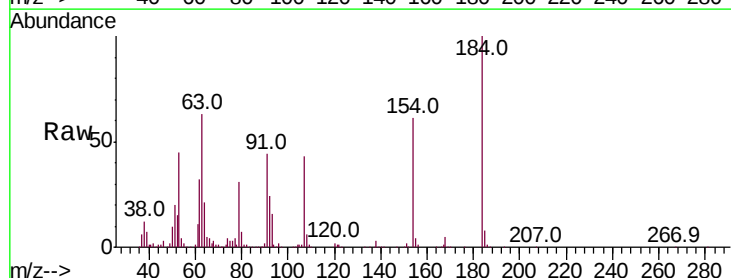
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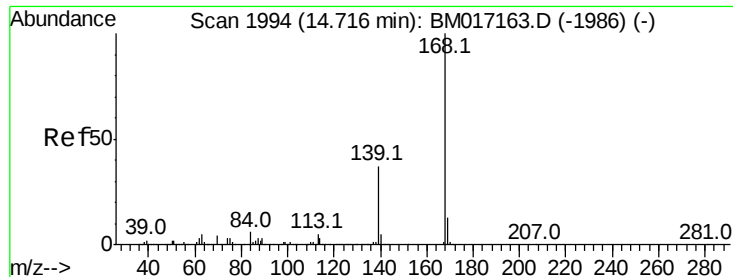
Sohil
10/30/2018 4:43:02 PM



#54
2,4-Dinitrophenol
Concen: 84.642 ng
RT: 14.42 min Scan# 1944
Delta R.T. -0.00 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.0	51.2	76.8
154	61.3	47.8	71.8





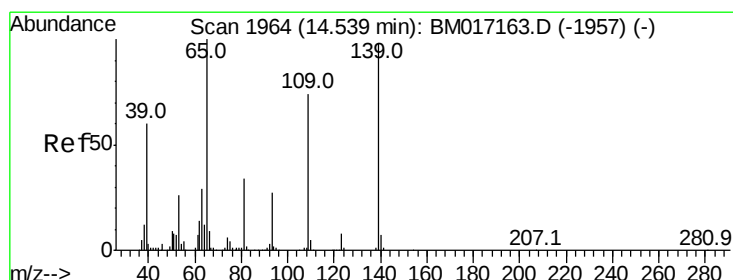
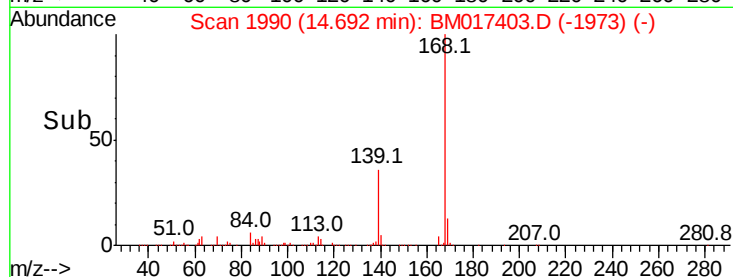
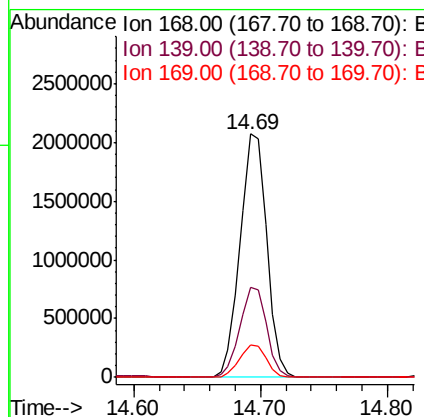
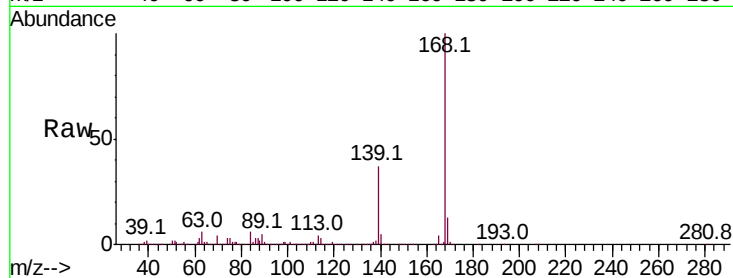
#55
Dibenzofuran
Concen: 39.775 ng
RT: 14.69 min Scan# 1990
Delta R.T. -0.00 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

Instrument :
BNA_M
ClientSampleId :
PB114216BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.9	29.3	43.9
169	13.4	10.6	15.8

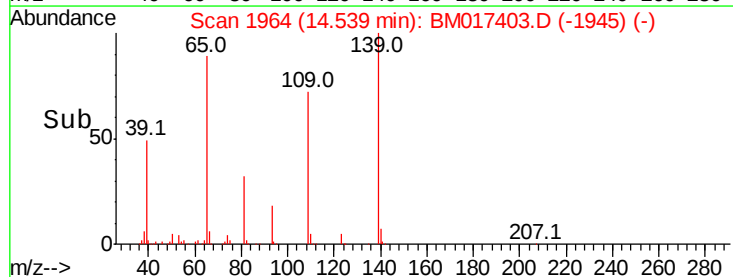
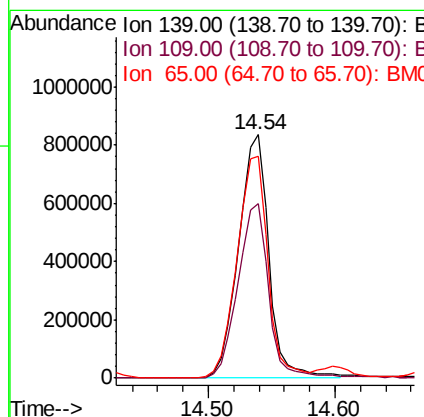
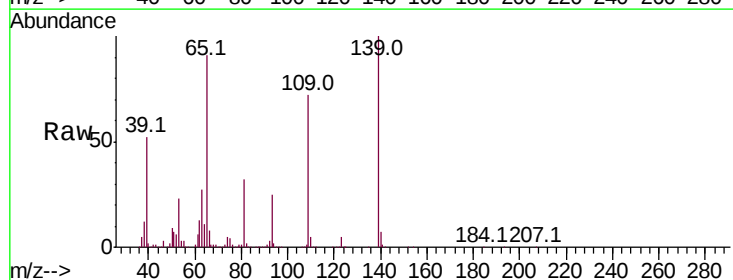
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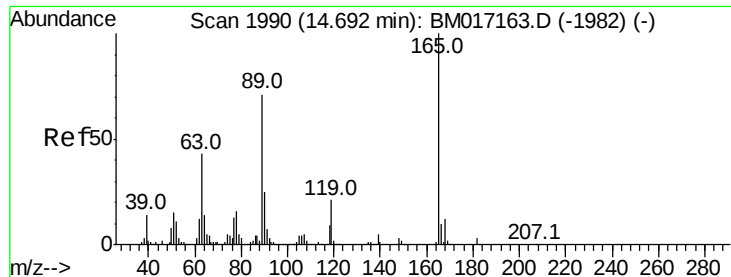
Sohil
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#56
4-Nitrophenol
Concen: 107.527 ng
RT: 14.54 min Scan# 1964
Delta R.T. 0.01 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

Tgt Ion	Ratio	Lower	Upper
139	100		
109	71.8	51.8	91.8
65	91.3	72.1	112.1





#57

2,4-Dinitrotoluene

Concen: 45.854 ng

RT: 14.67 min Scan# 1987

Delta R.T. -0.00 min

Lab File: BM017403.D

Acq: 29 Oct 2018 11:59

Instrument :

BNA_M

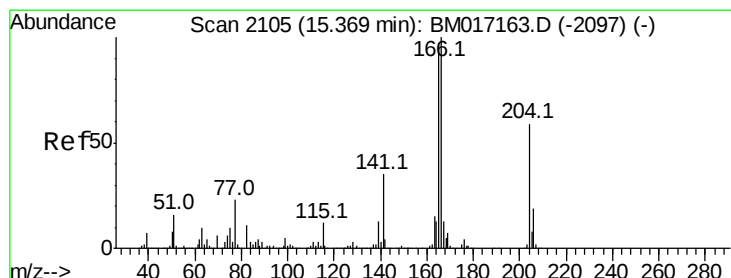
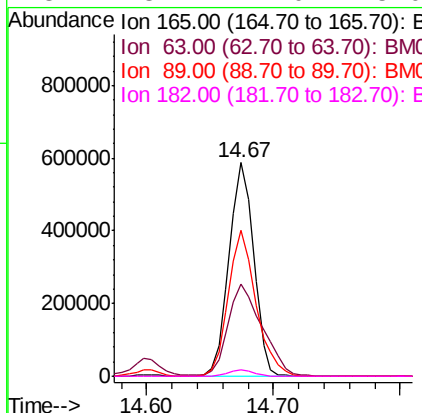
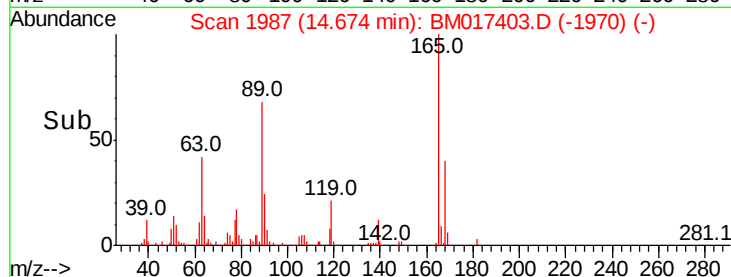
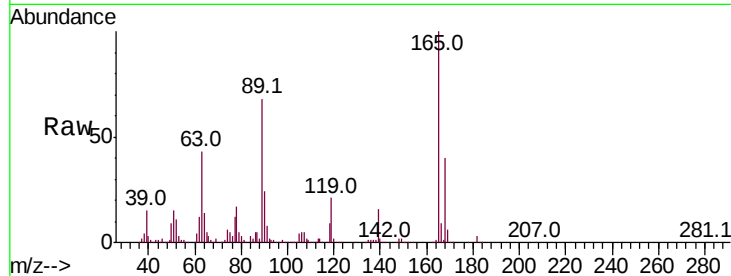
ClientSampleId :

PB114216BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	794182		
63	43.0		33.8	50.8
89	68.3		53.1	79.7
182	3.1		2.0	3.0#

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10/30/2018 4:43:02 PM



#58

Fluorene

Concen: 43.639 ng

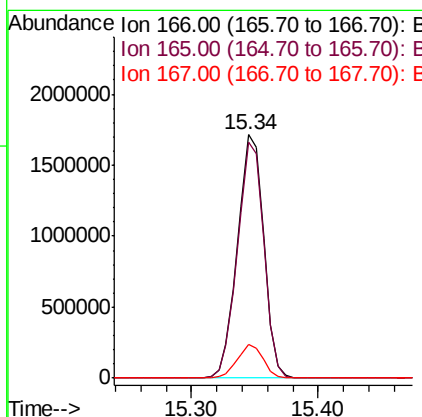
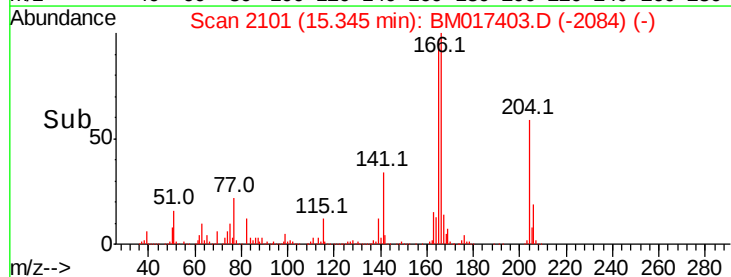
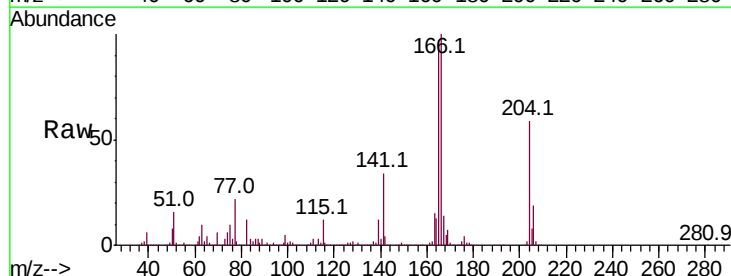
RT: 15.34 min Scan# 2101

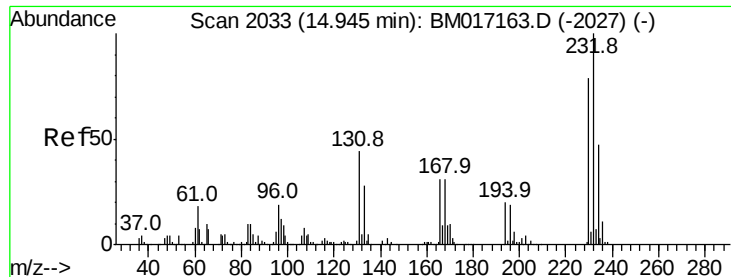
Delta R.T. -0.00 min

Lab File: BM017403.D

Acq: 29 Oct 2018 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	2456094		
165	97.0		78.1	117.1
167	13.8		10.6	16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 46.901 ng

RT: 14.93 min Scan# 2030

Delta R.T. 0.01 min

Lab File: BM017403.D

Acq: 29 Oct 2018 11:59

Instrument :

BNA_M

ClientSampleId :

PB114216BS

Tot Ion:232 Resp: 711246

Ion Ratio Lower Upper

232 100

131 41.6 33.1 49.7

130 2.4 1.7 2.5

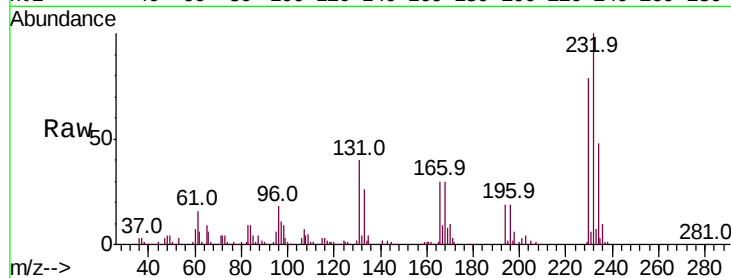
166 31.1 24.4 36.6

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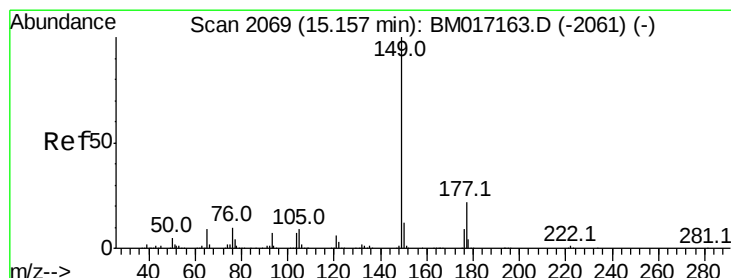
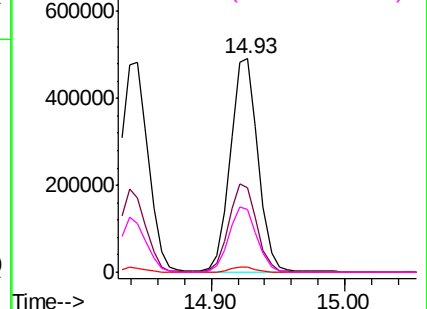
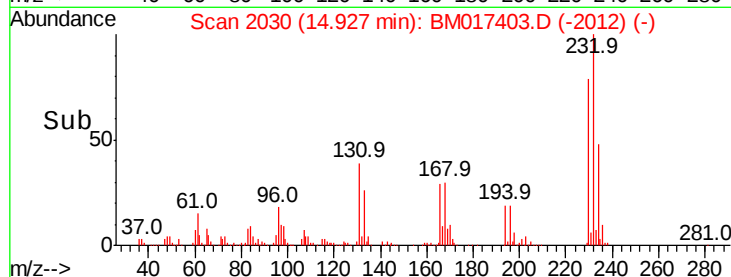


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 42.878 ng

RT: 15.13 min Scan# 2065

Delta R.T. -0.00 min

Lab File: BM017403.D

Acq: 29 Oct 2018 11:59

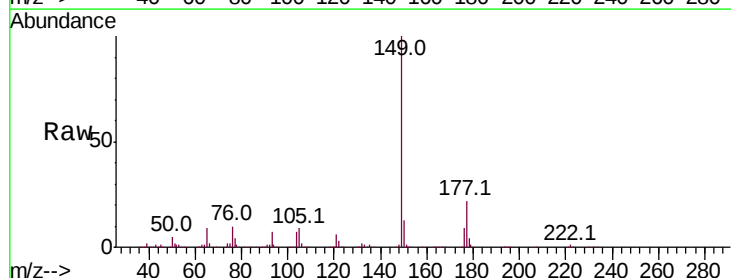
Tgt Ion:149 Resp: 2489663

Ion Ratio Lower Upper

149 100

177 22.0 17.7 26.5

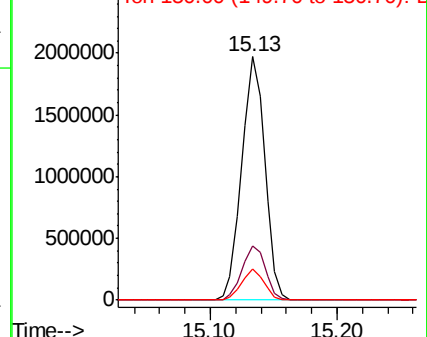
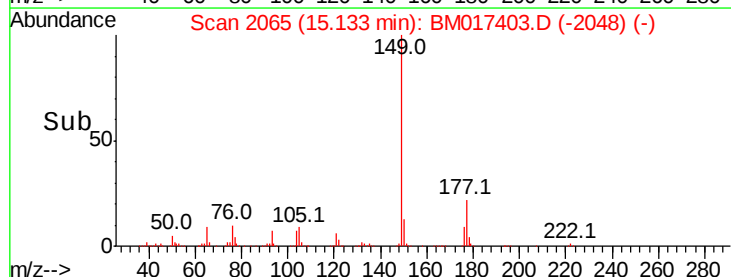
150 12.7 10.0 15.0

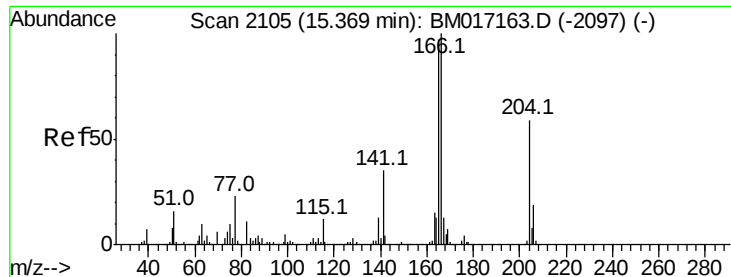


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





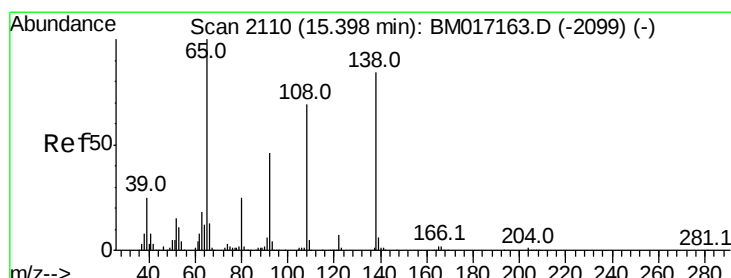
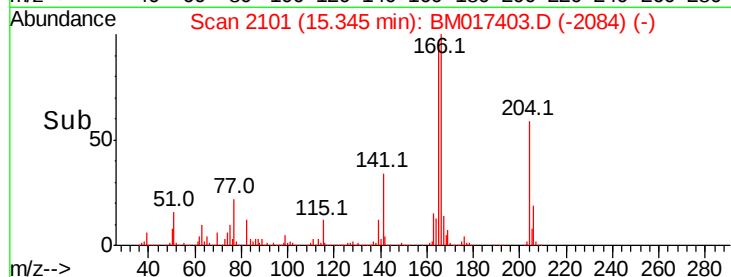
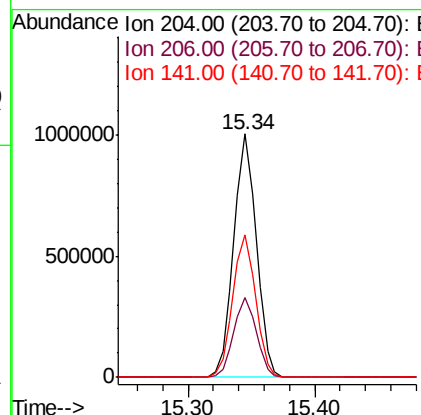
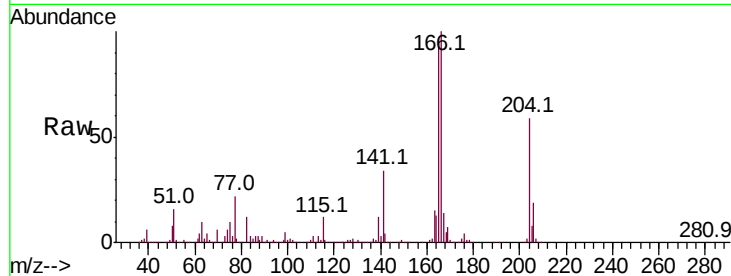
#61
 4-Chlorophenyl-phenylether
 Concen: 38.659 ng
 RT: 15.34 min Scan# 2101
 Delta R.T. -0.00 min
 Lab File: BM017403.D
 Acq: 29 Oct 2018 11:59

Instrument :
 BNA_M
 ClientSampleId :
 PB114216BS

Tot Ion	Ion	Ratio	Lower	Upper
204	100			
206	32.6	26.1	39.1	
141	58.5	45.4	68.2	

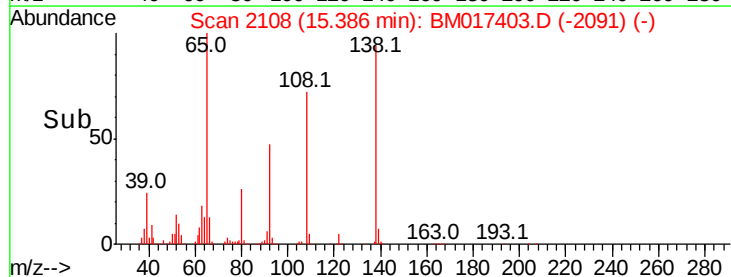
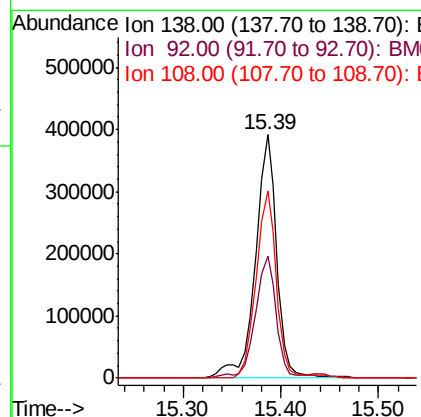
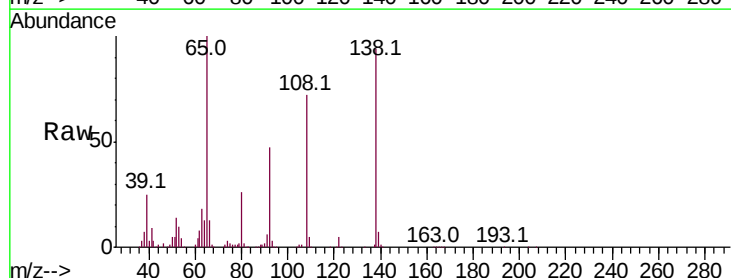
Manual Integrations
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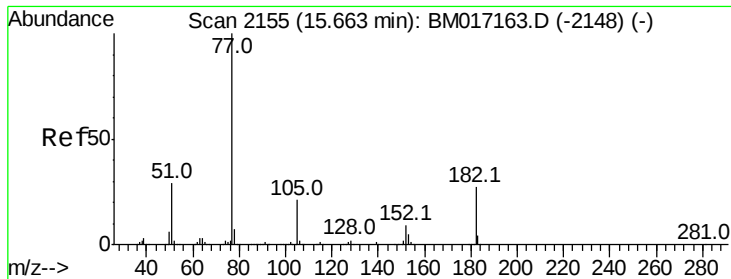
Sohil
 10/30/2018 4:43:02 PM



#62
 4-Nitroaniline
 Concen: 39.732 ng
 RT: 15.39 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: BM017403.D
 Acq: 29 Oct 2018 11:59

Tgt Ion	Ion	Ratio	Lower	Upper
138	100			
92	50.4	31.2	71.2	
108	76.9	55.5	95.5	





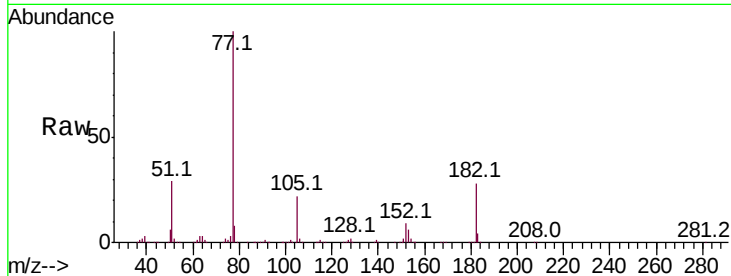
#63
Azobenzene
Concen: 41.506 ng
RT: 15.64 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

Instrument :
BNA_M
ClientSampleId :
PB114216BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.1	8.3	48.3
105	22.2	1.5	41.5
51	29.5	8.8	48.8

Manual Integrations
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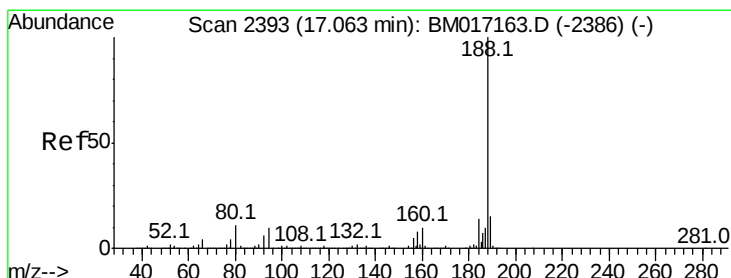
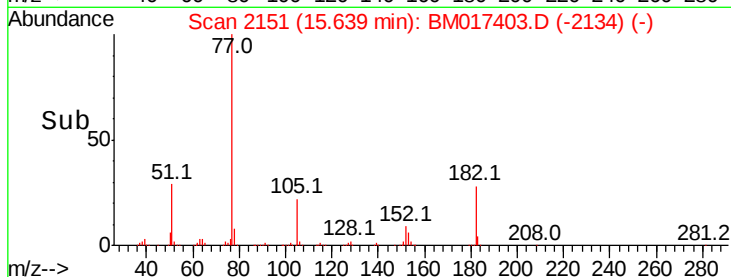
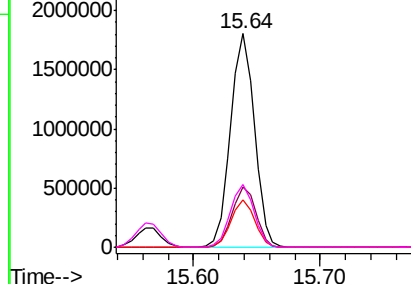
Abundance

Ion 77.00 (76.70 to 77.70): BM017163.D (-2148) (-)

Ion 182.00 (181.70 to 182.70): BM017163.D (-2148) (-)

Ion 105.00 (104.70 to 105.70): BM017163.D (-2148) (-)

Ion 51.00 (50.70 to 51.70): BM017163.D (-2148) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.04 min Scan# 2390
Delta R.T. -0.00 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

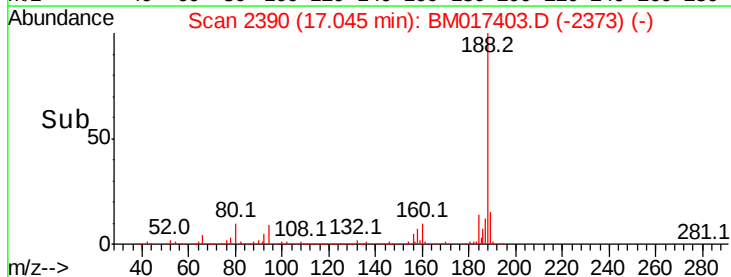
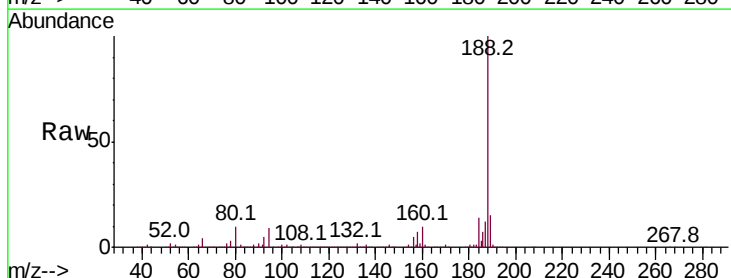
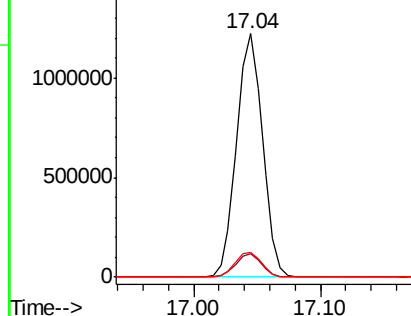
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.0	10.4
80	10.2	7.7	11.5

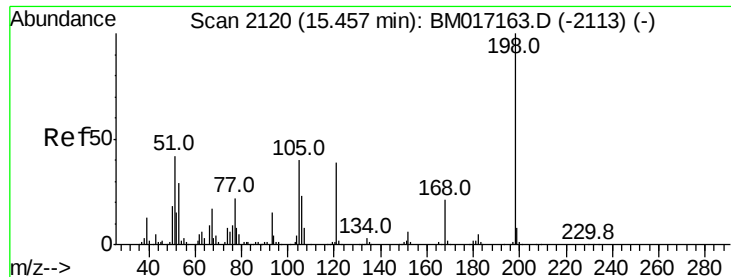
Abundance

Ion 188.00 (187.70 to 188.70): BM017163.D (-2386) (-)

Ion 94.00 (93.70 to 94.70): BM017163.D (-2386) (-)

Ion 80.00 (79.70 to 80.70): BM017163.D (-2386) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 42.528 ng

RT: 15.44 min Scan# 2117

Delta R.T. -0.00 min

Lab File: BM017403.D

Acq: 29 Oct 2018 11:59

Instrument :

BNA_M

ClientSampleId :

PB114216BS

Tot Ion:198 Resp: 462633

Ion Ratio Lower Upper

198 100

51 42.9 20.3 60.3

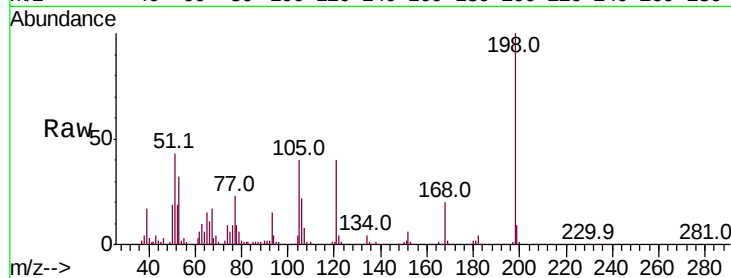
105 40.5 21.9 61.9

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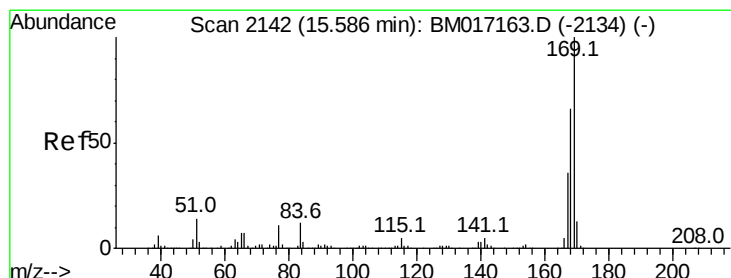
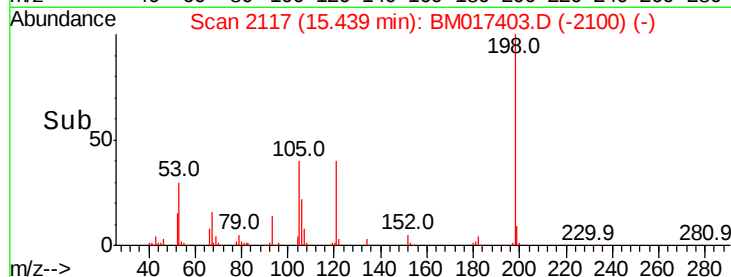
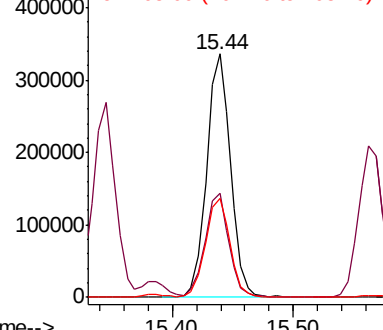
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.098 ng

RT: 15.57 min Scan# 2139

Delta R.T. 0.01 min

Lab File: BM017403.D

Acq: 29 Oct 2018 11:59

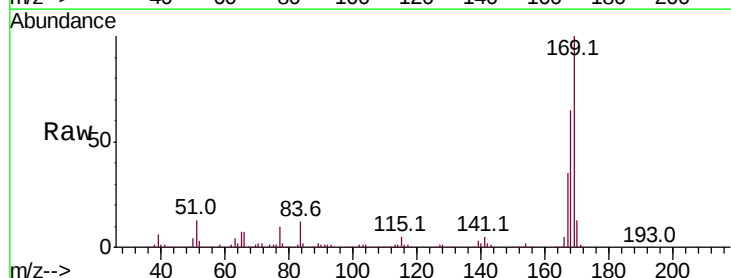
Tgt Ion:169 Resp: 2206076

Ion Ratio Lower Upper

169 100

168 65.5 52.2 78.4

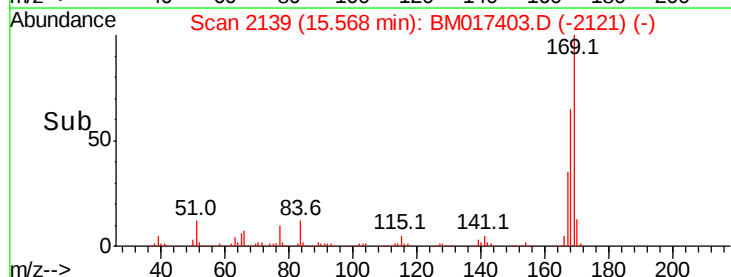
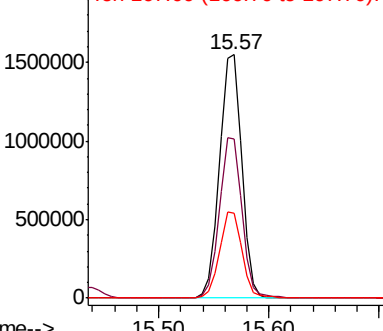
167 34.8 28.4 42.6

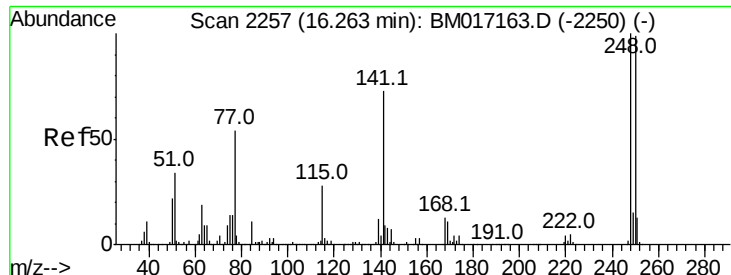


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





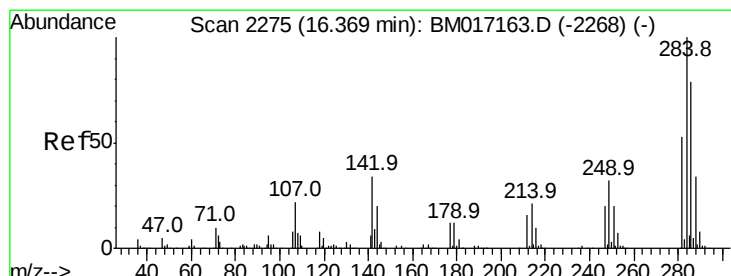
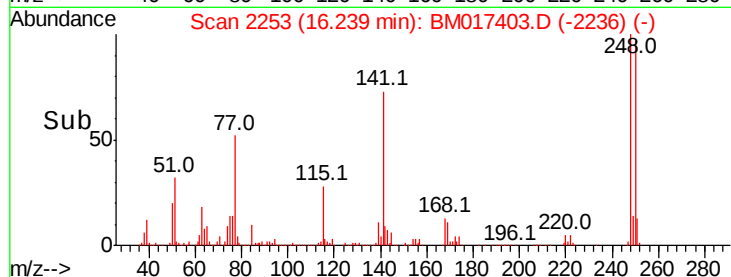
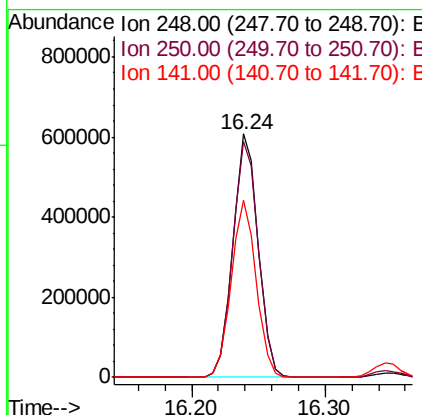
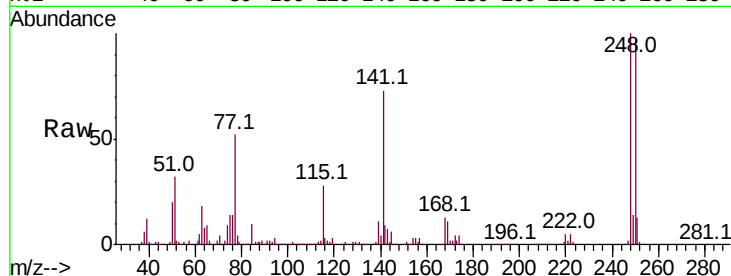
#67
4-Bromophenyl-phenylether
Concen: 42.167 ng
RT: 16.24 min Scan# 2253
Delta R.T. -0.00 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

Instrument :
BNA_M
ClientSampleId :
PB114216BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.1	75.1	112.7
141	72.6	55.6	83.4

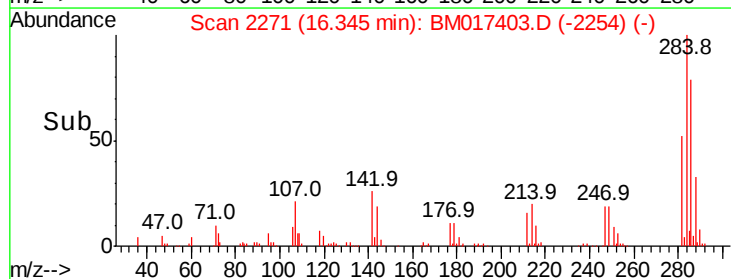
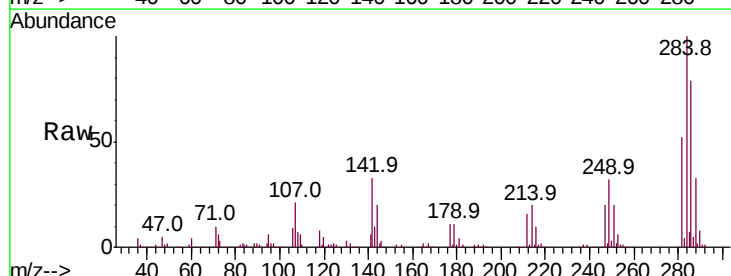
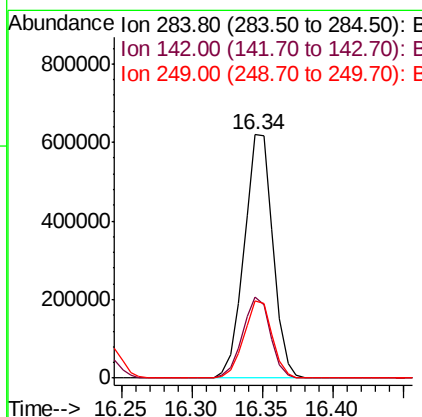
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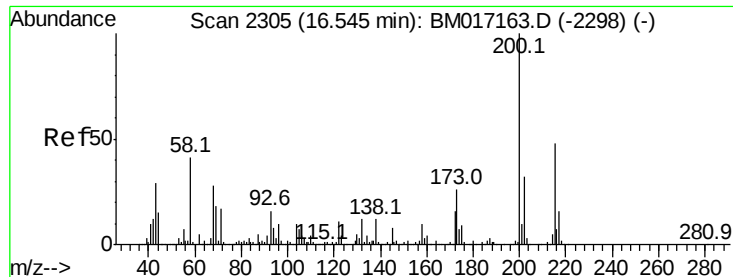
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#68
Hexachlorobenzene
Concen: 39.831 ng
RT: 16.34 min Scan# 2271
Delta R.T. -0.00 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.4	25.0	37.6
249	31.6	25.5	38.3





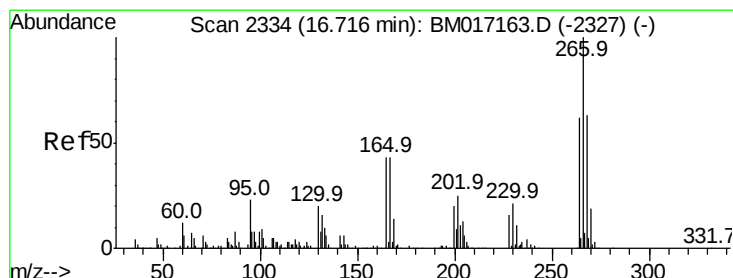
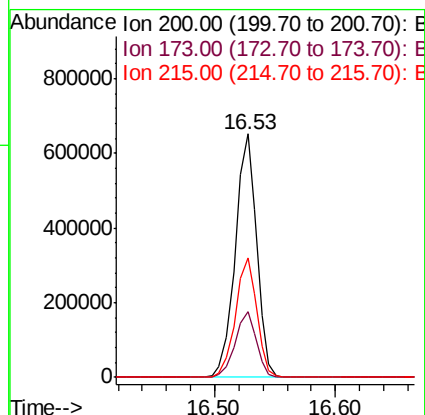
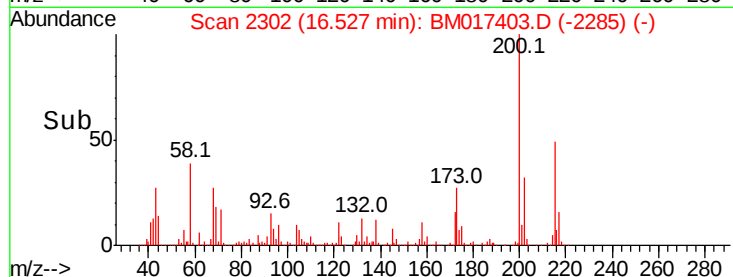
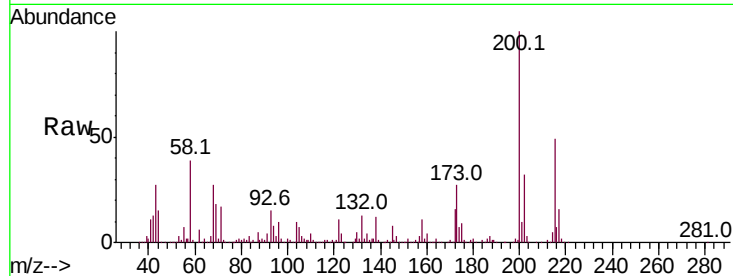
#69
Atrazine
Concen: 42.955 ng
RT: 16.53 min Scan# 2302
Delta R.T. -0.00 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

Instrument :
BNA_M
ClientSampleId :
PB114216BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.9	7.0	47.0
215	48.9	27.3	67.3

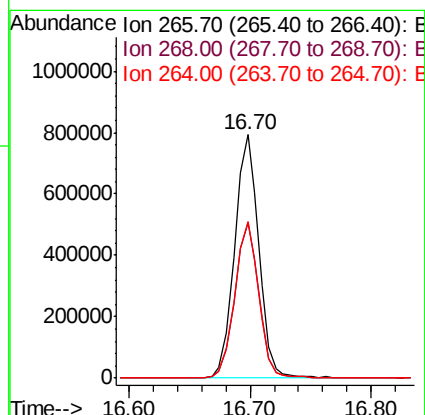
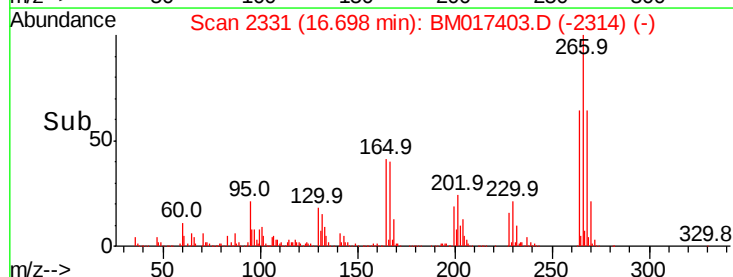
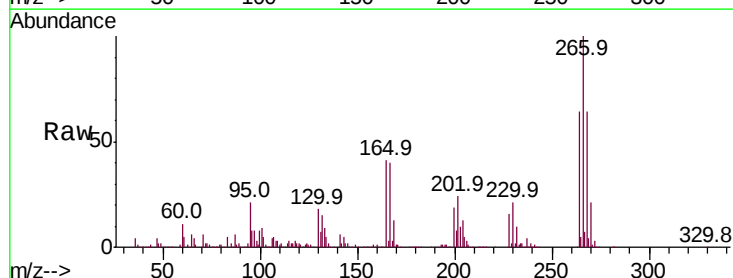
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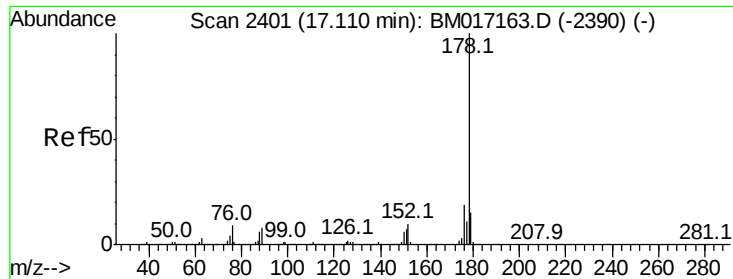
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#70
Pentachlorophenol
Concen: 73.005 ng
RT: 16.70 min Scan# 2331
Delta R.T. -0.00 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.8	50.7	76.1
264	64.4	50.4	75.6





#71

Phenanthrene

Concen: 42.189 ng

RT: 17.09 min Scan# 2397

Delta R.T. -0.00 min

Lab File: BM017403.D

Acq: 29 Oct 2018 11:59

Instrument :

BNA_M

ClientSampleId :

PB114216BS

Tot Ion:178 Resp: 3942661

Ion Ratio Lower Upper

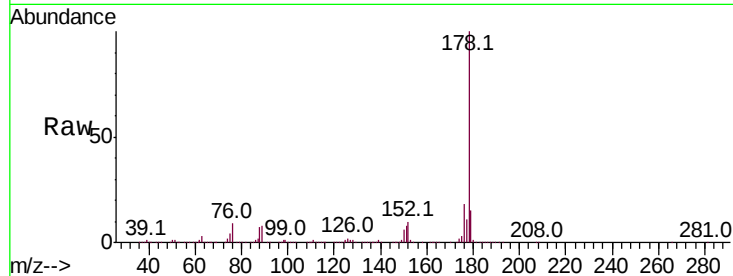
178 100

176 18.5 15.0 22.6

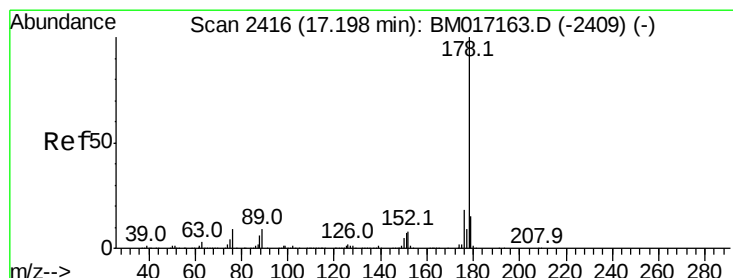
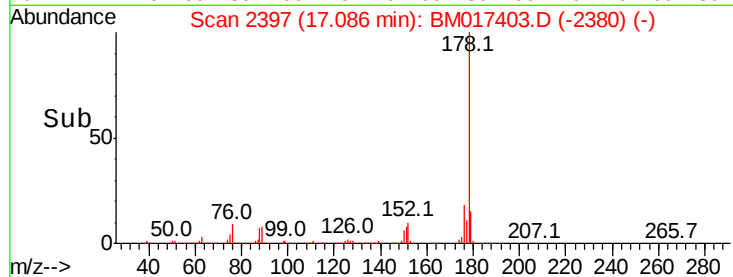
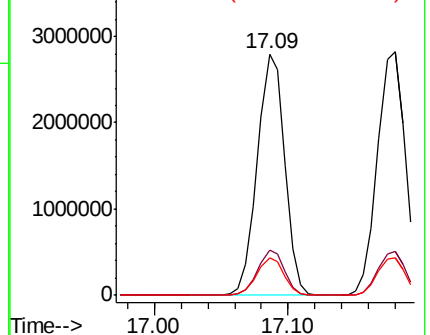
179 15.5 12.3 18.5

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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



#72

Anthracene

Concen: 46.049 ng

RT: 17.18 min Scan# 2413

Delta R.T. -0.00 min

Lab File: BM017403.D

Acq: 29 Oct 2018 11:59

Tgt Ion:178 Resp: 4088935

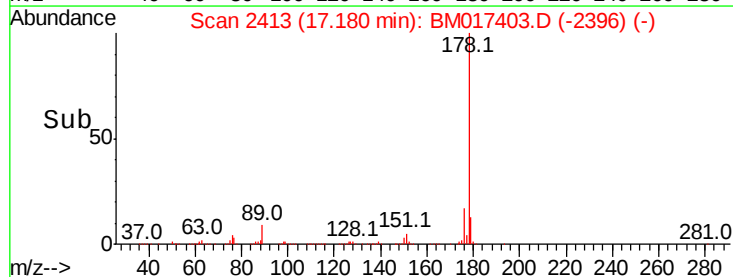
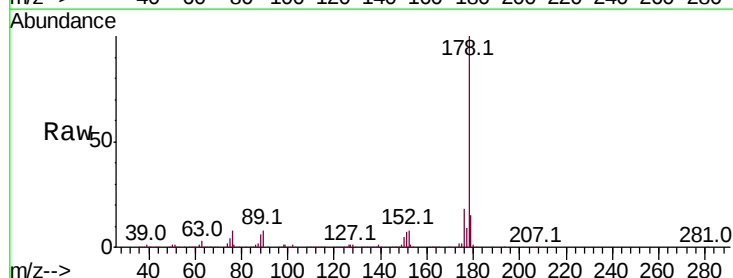
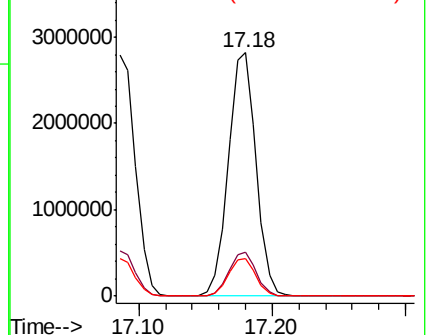
Ion Ratio Lower Upper

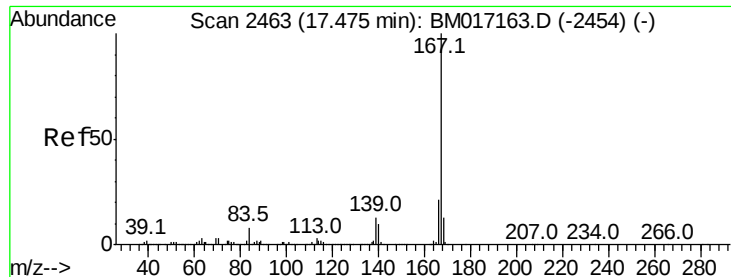
178 100

176 18.0 14.5 21.7

179 15.4 12.2 18.2

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





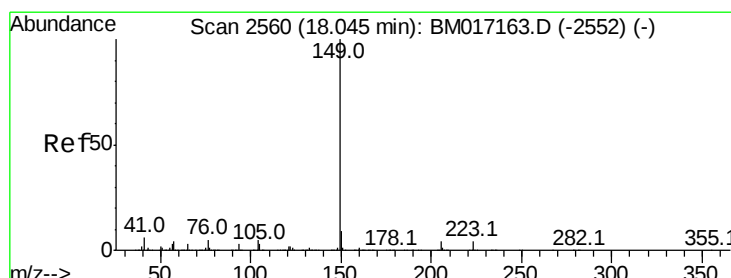
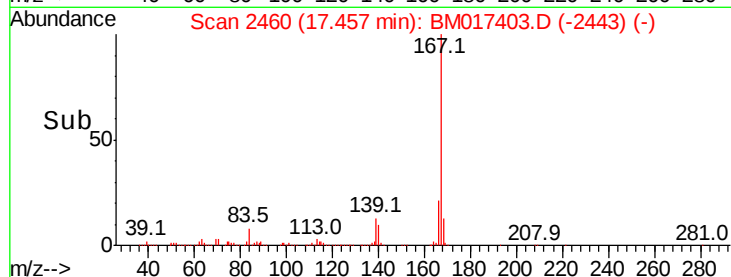
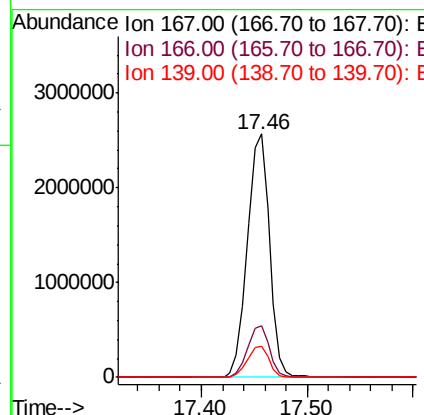
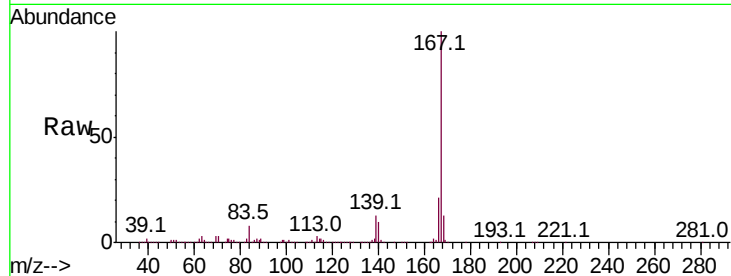
#73
 Carbazole
 Concen: 41.074 ng
 RT: 17.46 min Scan# 2460
 Delta R.T. -0.00 min
 Lab File: BM017403.D
 Acq: 29 Oct 2018 11:59

Instrument :
 BNA_M
 ClientSampleId :
 PB114216BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.1	25.7
139	12.8	10.1	15.1

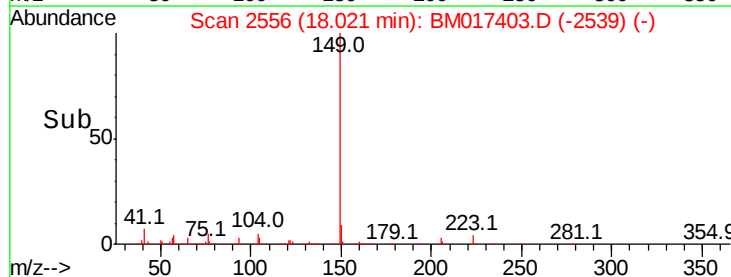
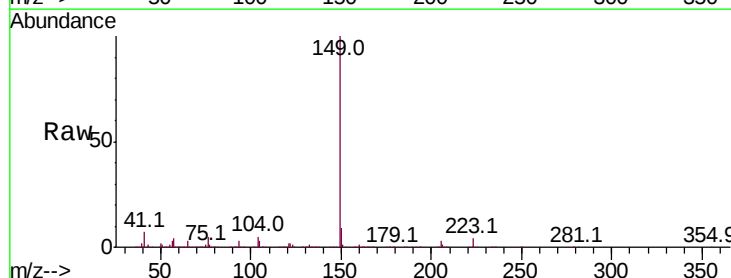
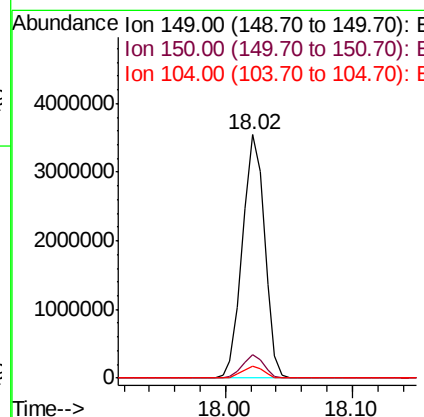
Manual Integrations
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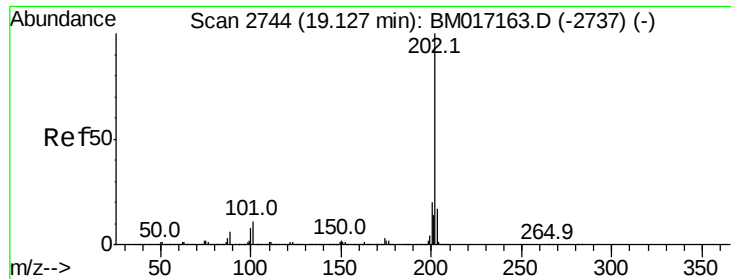
Sohil
 10/30/2018 4:43:02 PM



#74
 Di-n-butylphthalate
 Concen: 44.726 ng
 RT: 18.02 min Scan# 2556
 Delta R.T. -0.00 min
 Lab File: BM017403.D
 Acq: 29 Oct 2018 11:59

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.0
104	4.9	4.3	6.5





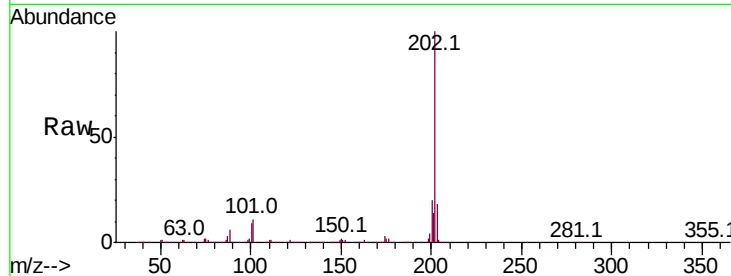
#75
Fluoranthene
Concen: 44.553 ng
RT: 19.11 min Scan# 2741
Delta R.T. -0.00 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

Instrument :
BNA_M
ClientSampleId :
PB114216BS

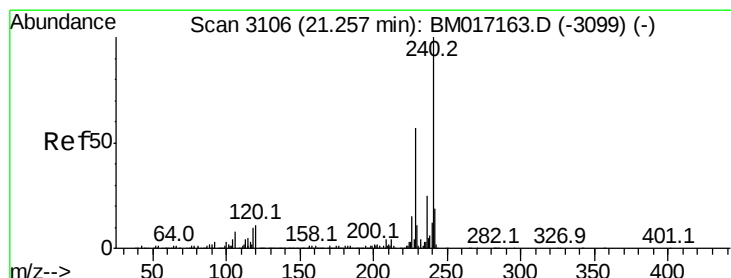
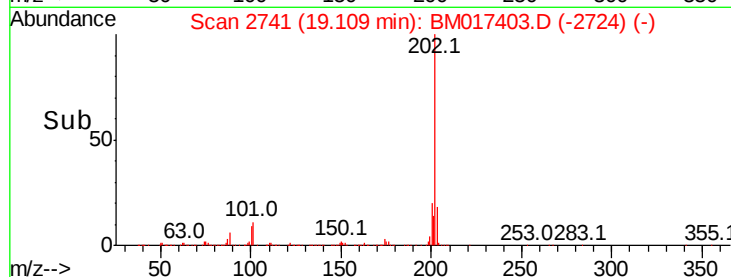
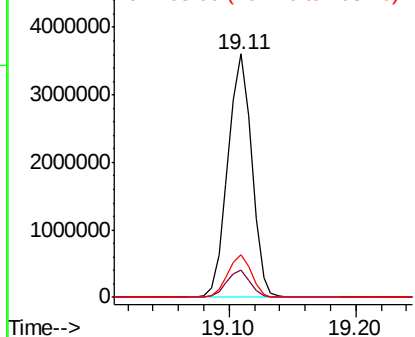
Tot Ion:202 Resp: 4685095
Ion Ratio Lower Upper
202 100
101 11.1 0.0 30.0
203 17.6 0.0 37.2

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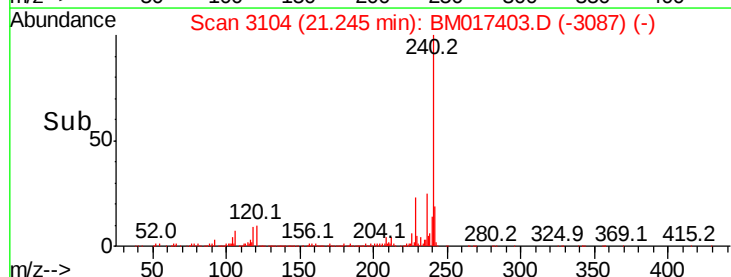
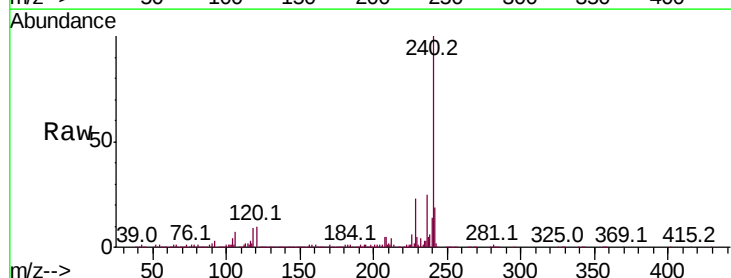
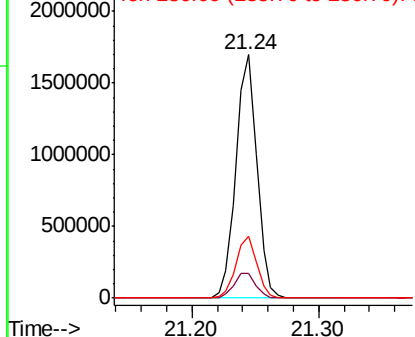
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

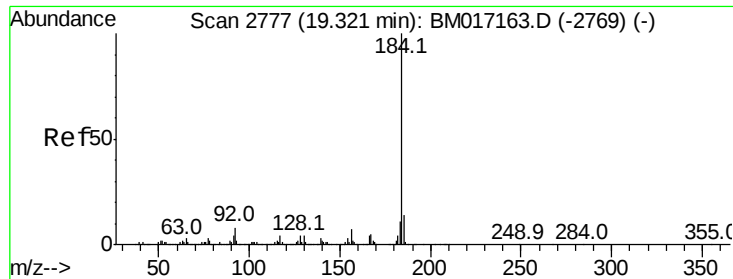


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.24 min Scan# 3104
Delta R.T. -0.00 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

Tgt Ion:240 Resp: 1937514
Ion Ratio Lower Upper
240 100
120 10.0 8.1 12.1
236 25.1 19.9 29.9

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





#77

Benzidine

Concen: 29.259 ng

RT: 19.30 min Scan# 2774

Delta R.T. -0.00 min

Lab File: BM017403.D

Acq: 29 Oct 2018 11:59

Instrument :

BNA_M

ClientSampleId :

PB114216BS

Tot Ion:184 Resp: 1437453

Ion Ratio Lower Upper

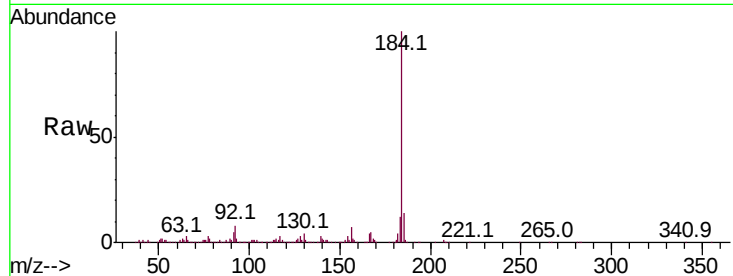
184 100

185 14.0 11.8 17.8

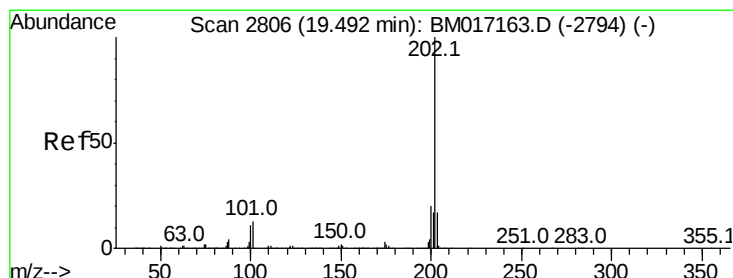
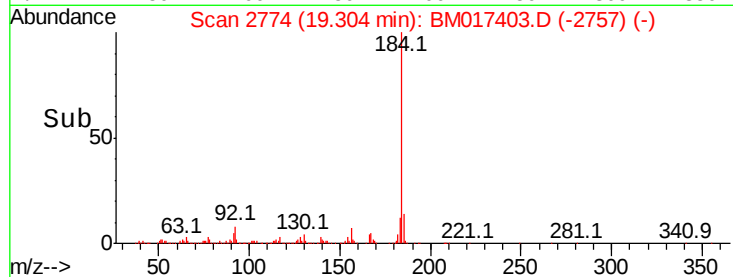
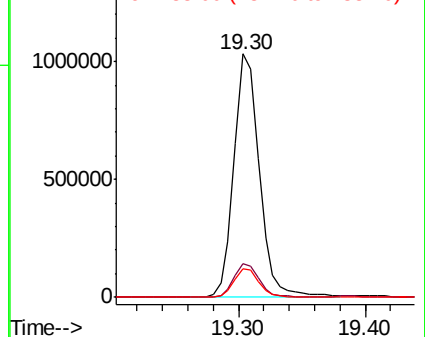
183 11.5 9.7 14.5

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



#78

Pyrene

Concen: 43.699 ng

RT: 19.47 min Scan# 2803

Delta R.T. -0.00 min

Lab File: BM017403.D

Acq: 29 Oct 2018 11:59

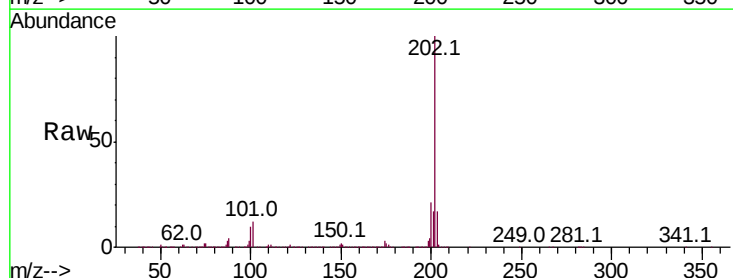
Tgt Ion:202 Resp: 4732055

Ion Ratio Lower Upper

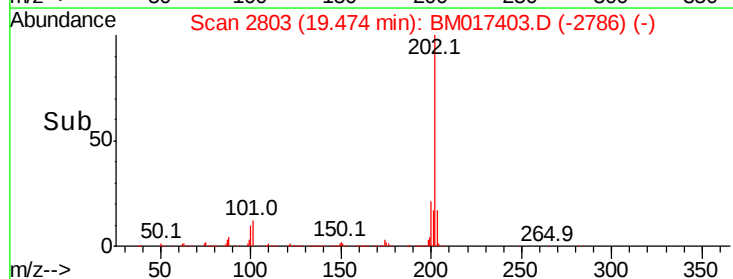
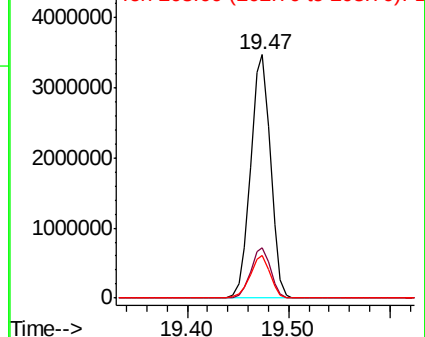
202 100

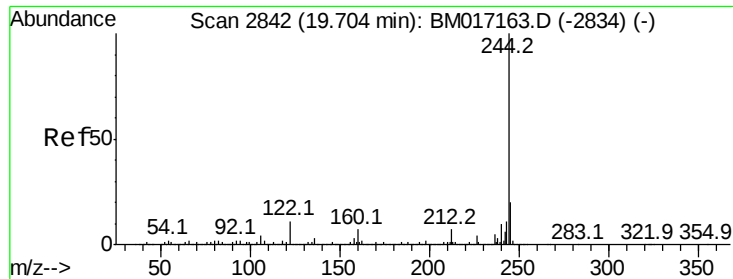
200 20.7 16.3 24.5

203 17.4 13.9 20.9



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





#79
 Terphenyl-d14
 Concen: 75.234 ng
 RT: 19.69 min Scan# 2839
 Delta R.T. -0.00 min
 Lab File: BM017403.D
 Acq: 29 Oct 2018 11:59

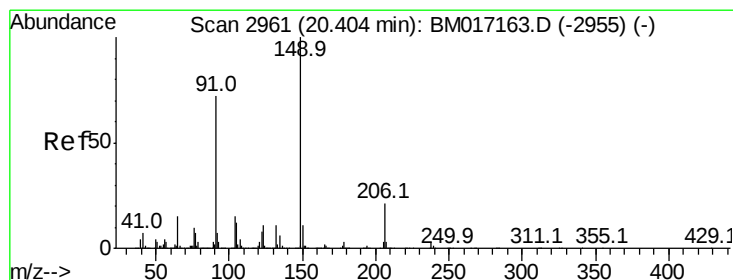
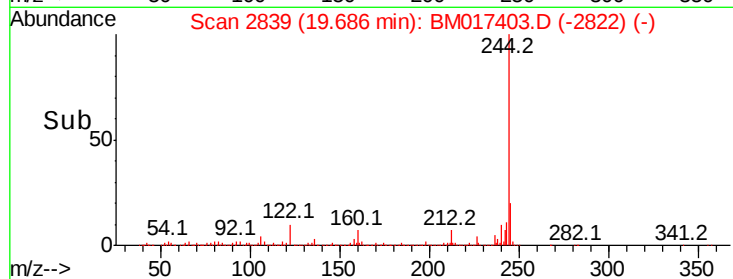
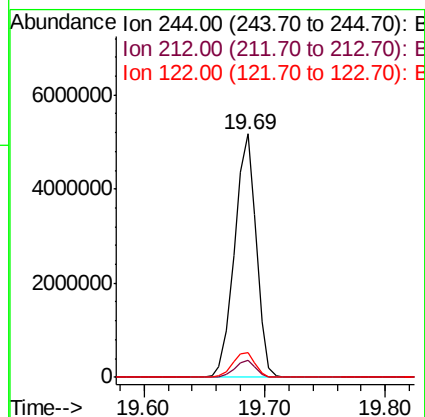
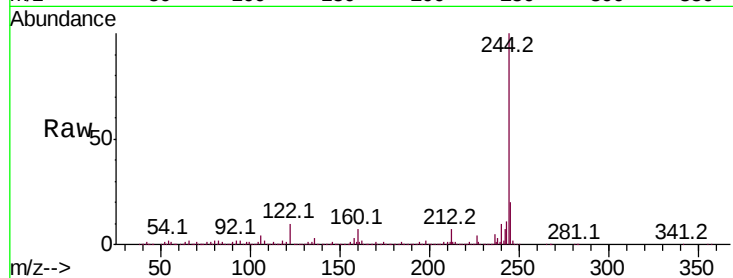
Instrument :
 BNA_M
 ClientSampleId :
 PB114216BS

Tot Ion:244 Resp: 6466984

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.5	8.3
122	10.4	8.4	12.6

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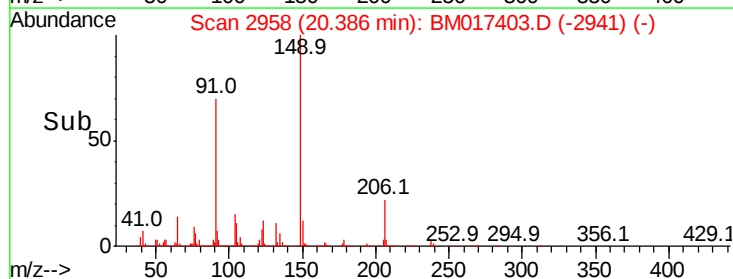
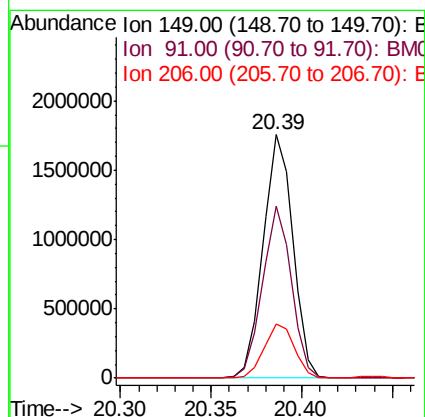
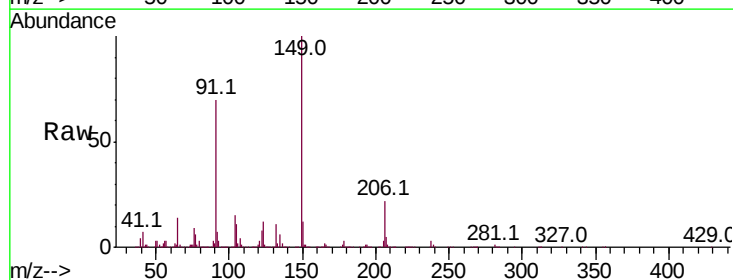
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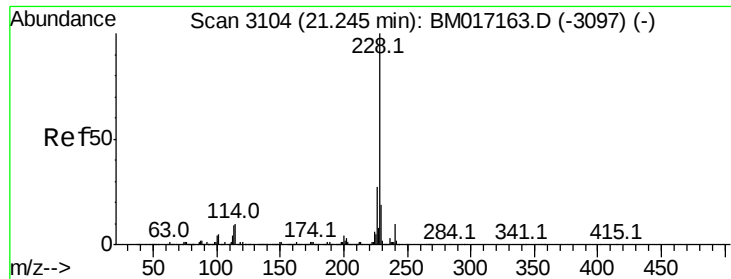


#80
 Butylbenzylphthalate
 Concen: 48.582 ng
 RT: 20.39 min Scan# 2958
 Delta R.T. -0.00 min
 Lab File: BM017403.D
 Acq: 29 Oct 2018 11:59

Tgt Ion:149 Resp: 2006149

Ion	Ratio	Lower	Upper
149	100		
91	70.4	51.3	76.9
206	22.2	18.0	27.0





#81

Benzo(a)anthracene

Concen: 44.005 ng

RT: 21.23 min Scan# 3101

Delta R.T. -0.00 min

Lab File: BM017403.D

Acq: 29 Oct 2018 11:59

Instrument :

BNA_M

ClientSampleId :

PB114216BS

Tot Ion:228 Resp: 4797977

Ion Ratio Lower Upper

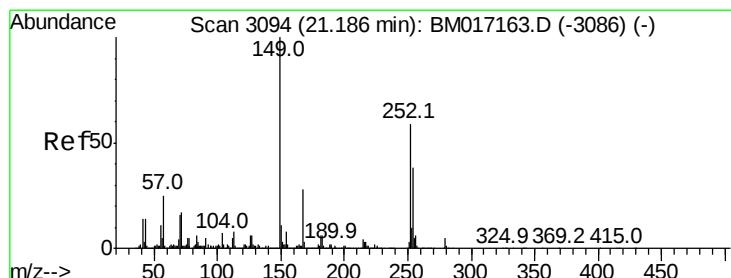
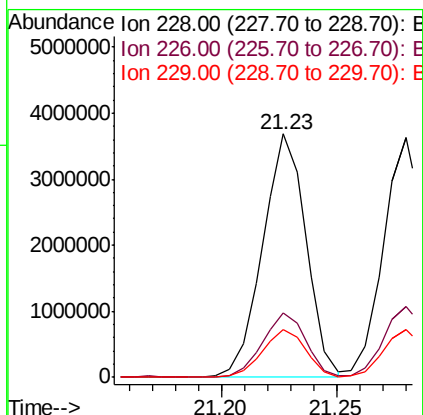
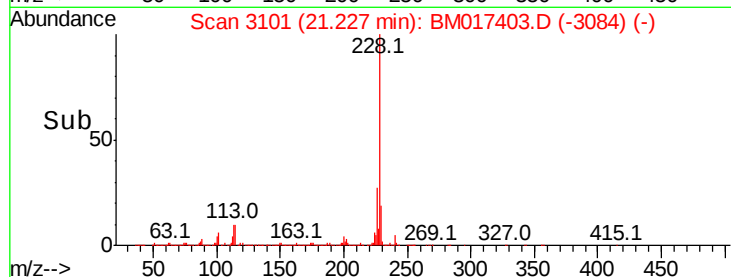
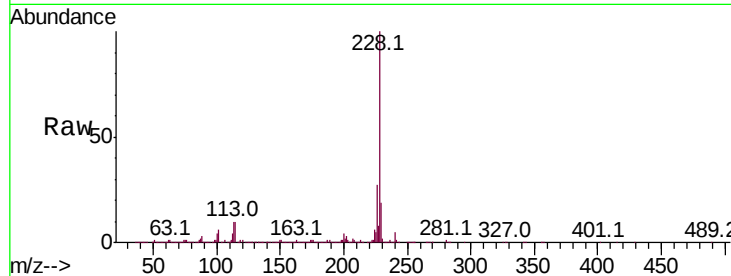
228 100

226 26.5 21.4 32.0

229 19.4 15.9 23.9

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 25.325 ng

RT: 21.17 min Scan# 3091

Delta R.T. -0.00 min

Lab File: BM017403.D

Acq: 29 Oct 2018 11:59

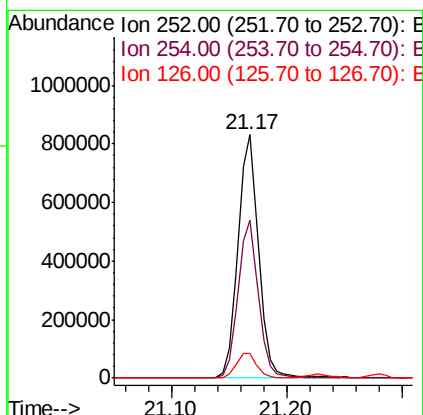
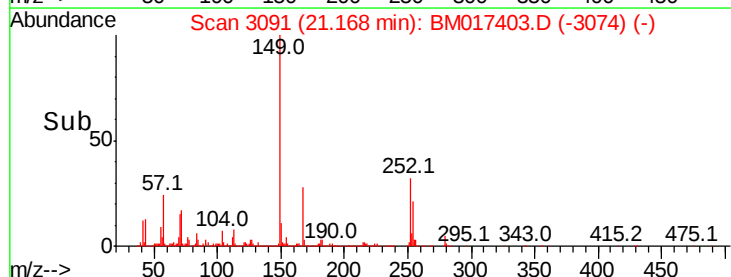
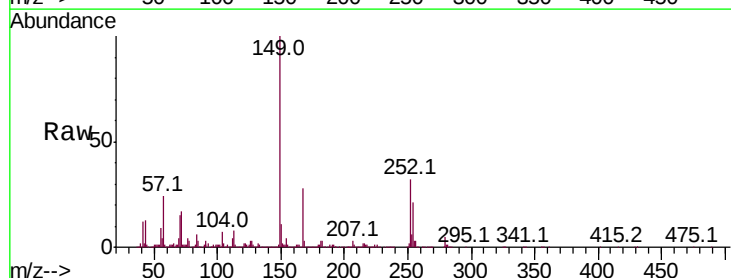
Tgt Ion:252 Resp: 1029122

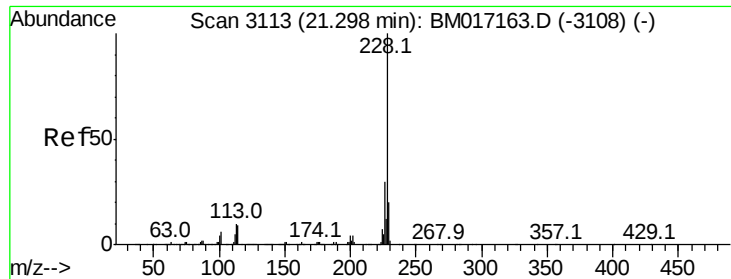
Ion Ratio Lower Upper

252 100

254 65.0 52.1 78.1

126 10.3 8.6 12.8





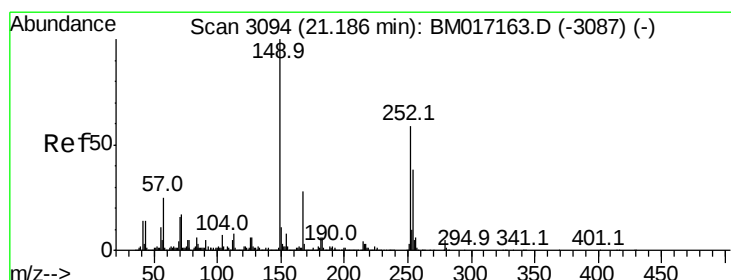
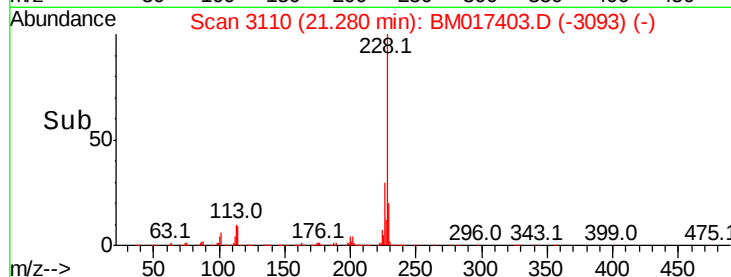
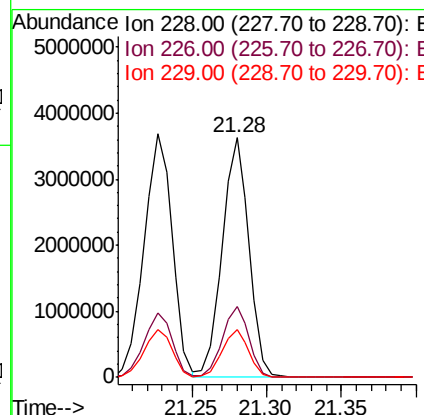
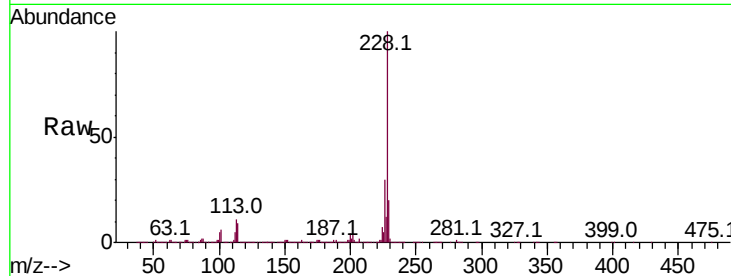
#83
 Chrvsene
 Concen: 42.174 ng
 RT: 21.28 min Scan# 3110
 Delta R.T. -0.00 min
 Lab File: BM017403.D
 Acq: 29 Oct 2018 11:59

Instrument :
 BNA_M
 ClientSampleId :
 PB114216BS

Tot Ion:228 Resp: 4551409
 Ion Ratio Lower Upper
 228 100
 226 29.7 23.3 34.9
 229 20.0 15.6 23.4

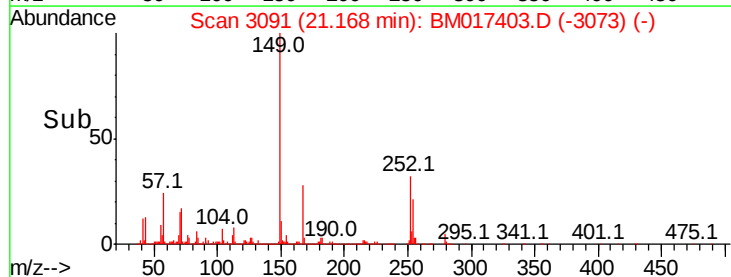
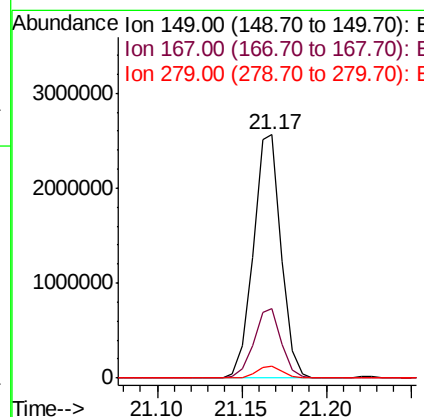
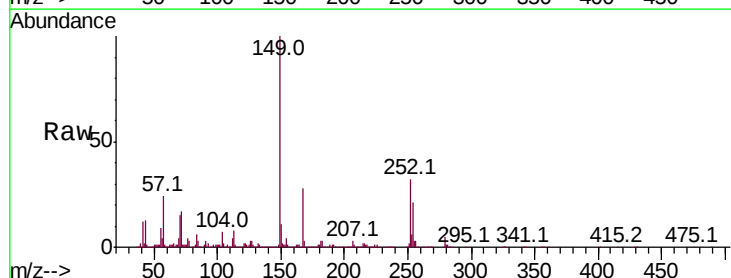
Manual Integrations
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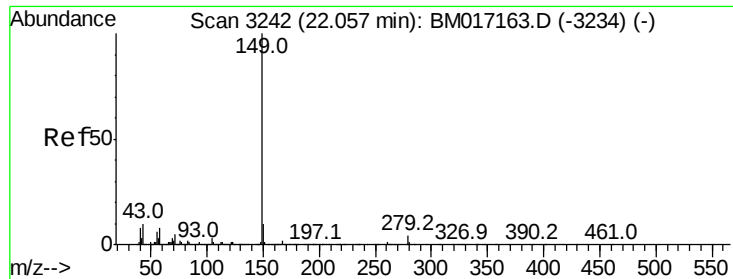
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.684 ng
 RT: 21.17 min Scan# 3091
 Delta R.T. 0.01 min
 Lab File: BM017403.D
 Acq: 29 Oct 2018 11:59

Tgt Ion:149 Resp: 2932962
 Ion Ratio Lower Upper
 149 100
 167 28.4 22.2 33.4
 279 5.0 3.6 5.4





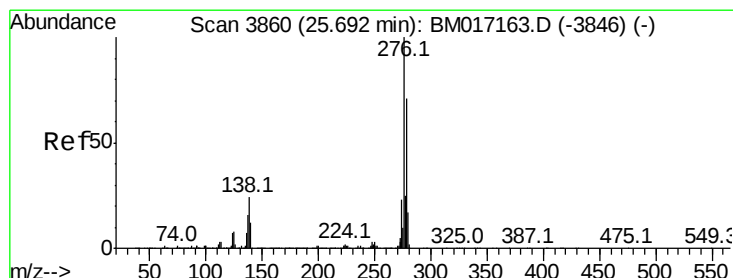
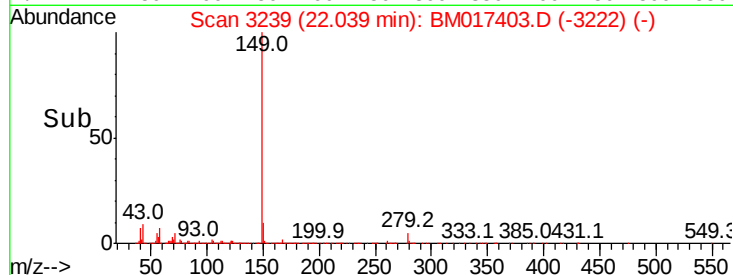
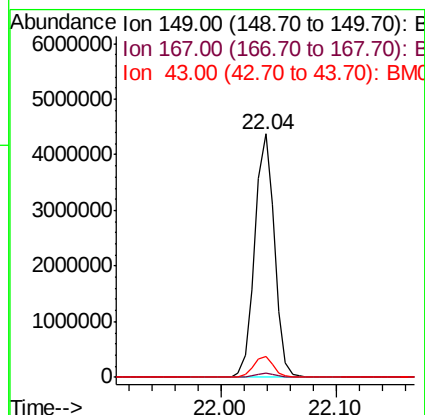
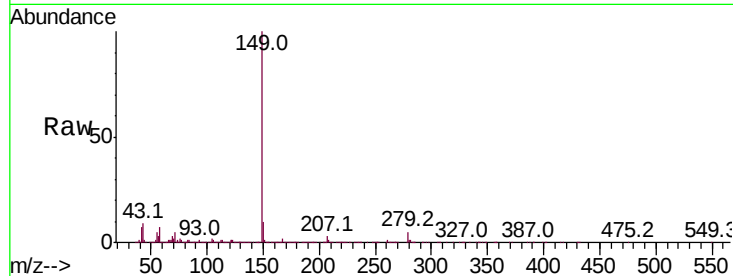
#85
Di-n-octyl phthalate
Concen: 48.430 ng
RT: 22.04 min Scan# 3239
Delta R.T. -0.00 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

Instrument :
BNA_M
ClientSampleId :
PB114216BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	8.7	7.2	10.8

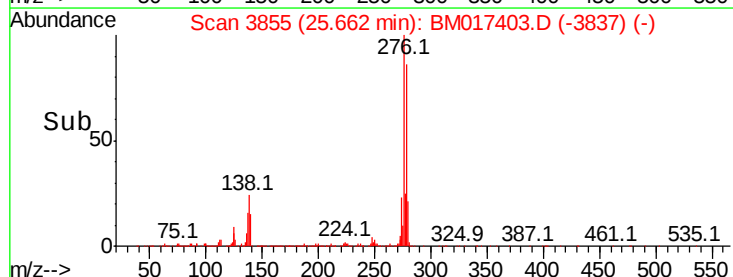
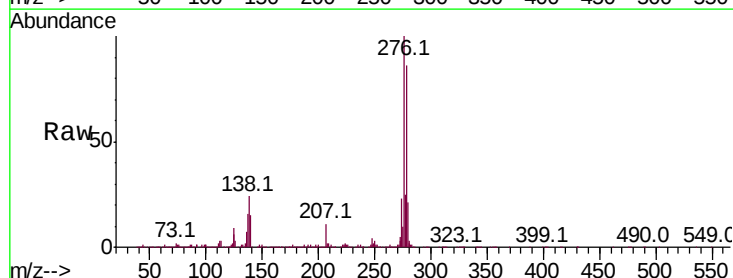
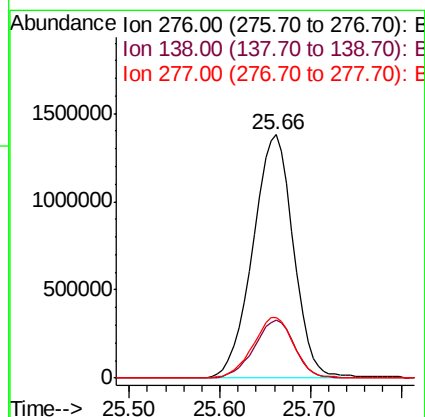
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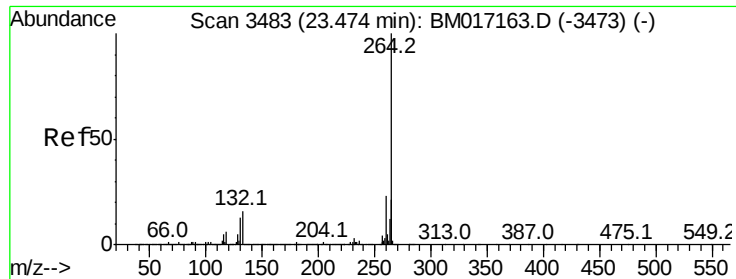
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#86
Indeno(1,2,3-cd)pyrene
Concen: 35.582 ng
RT: 25.66 min Scan# 3855
Delta R.T. 0.01 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.7	19.5	29.3
277	25.3	20.1	30.1





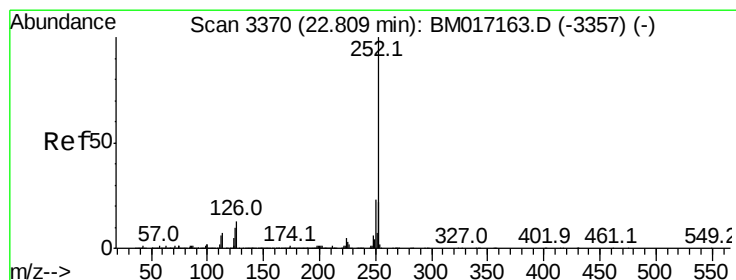
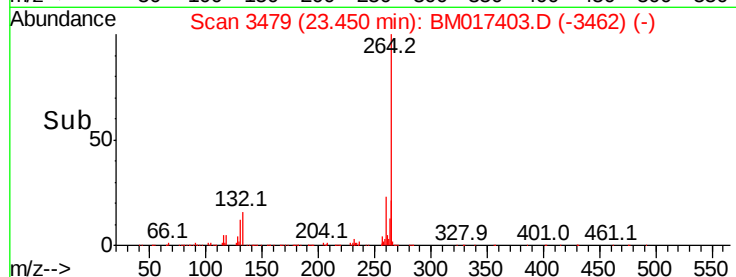
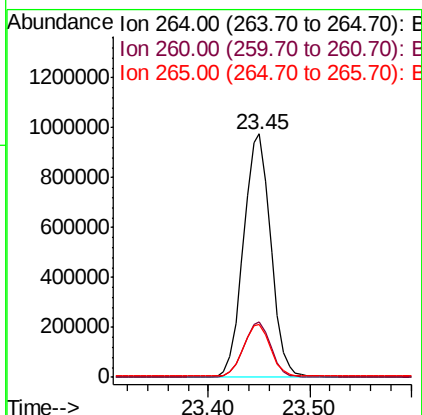
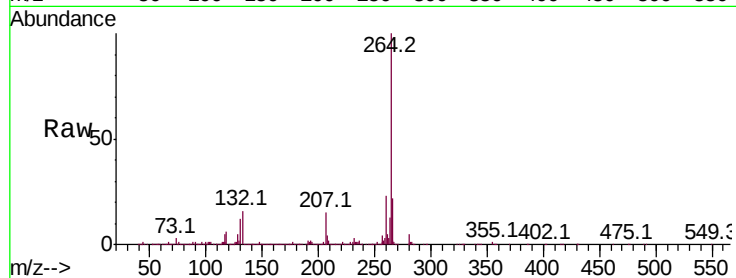
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.45 min Scan# 3479
Delta R.T. -0.00 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

Instrument :
BNA_M
ClientSampleId :
PB114216BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.6	27.8
265	21.9	17.8	26.8

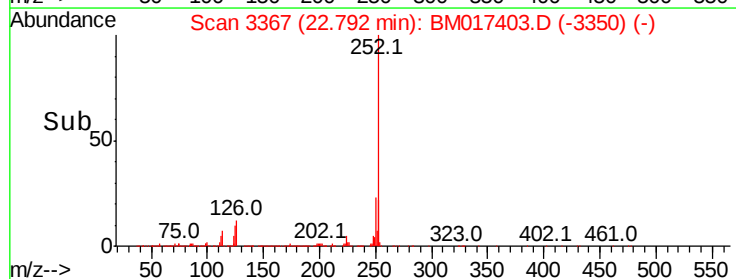
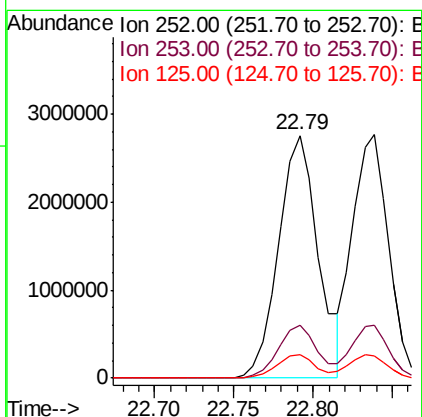
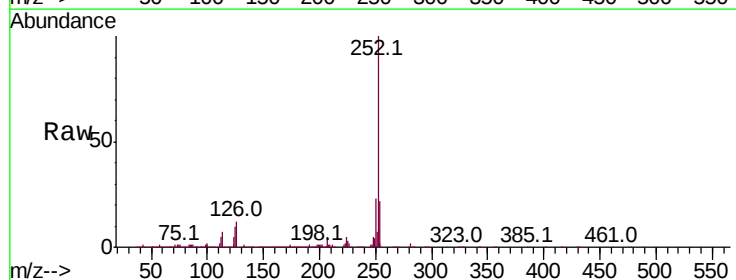
Manual Integrations
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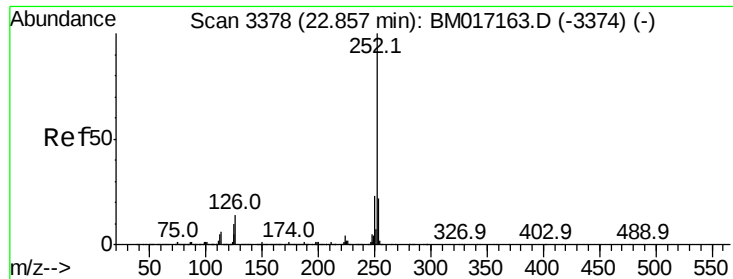
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#88
Benzo(b)fluoranthene
Concen: 48.027 ng
RT: 22.79 min Scan# 3367
Delta R.T. -0.00 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	9.7	7.5	11.3





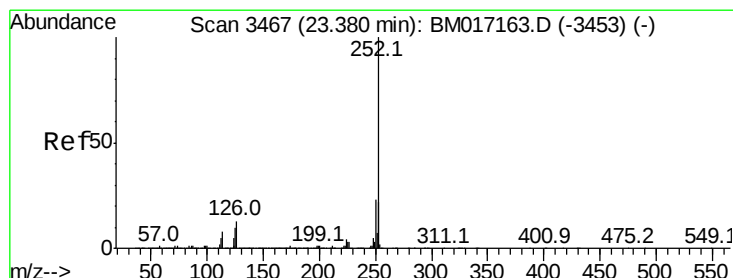
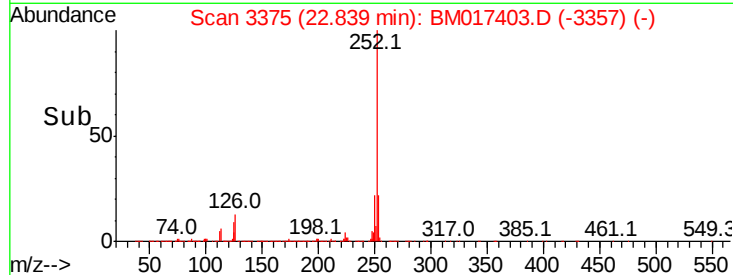
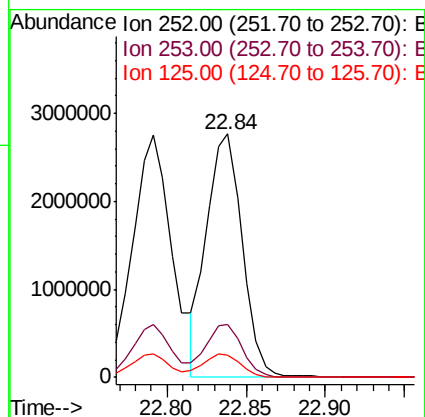
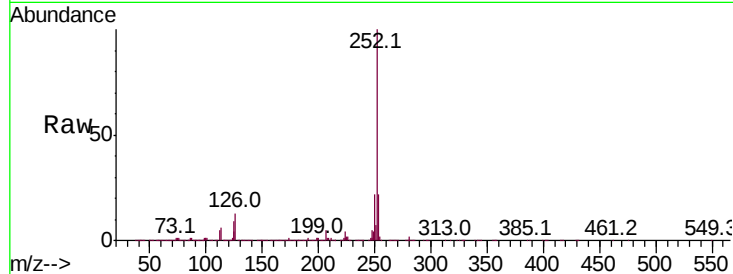
#89
Benzo(k)fluoranthene
Concen: 43.225 ng
RT: 22.84 min Scan# 3375
Delta R.T. 0.01 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

Instrument :
BNA_M
ClientSampleId :
PB114216BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	9.1	8.2	12.2

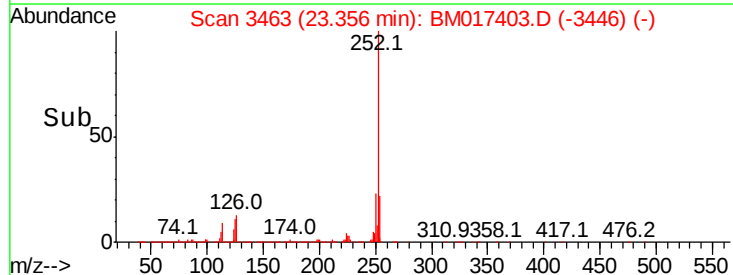
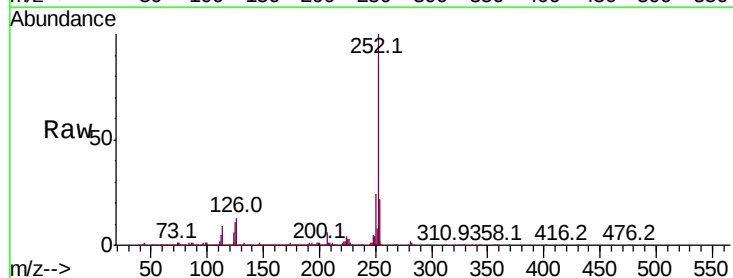
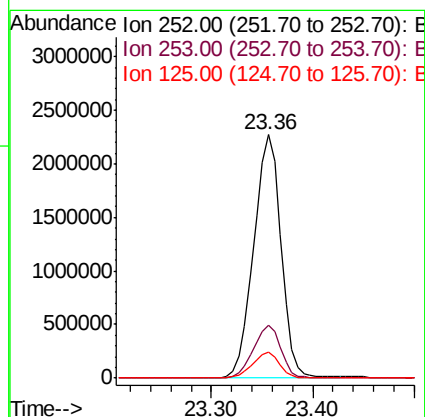
Manual Integrations
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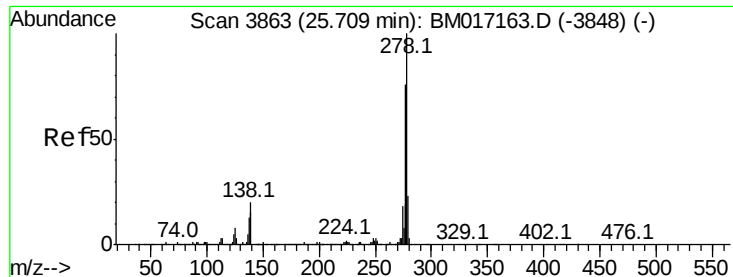
Sohil
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#90
Benzo(a)pyrene
Concen: 44.956 ng
RT: 23.36 min Scan# 3463
Delta R.T. -0.00 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.0
125	10.8	8.6	13.0





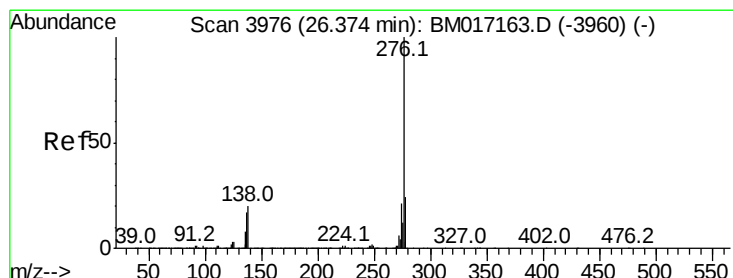
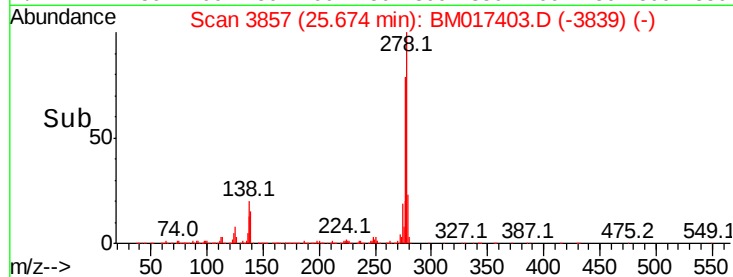
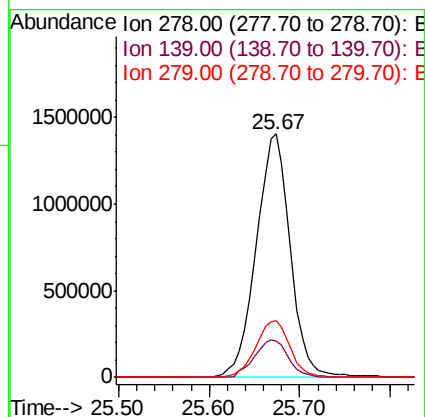
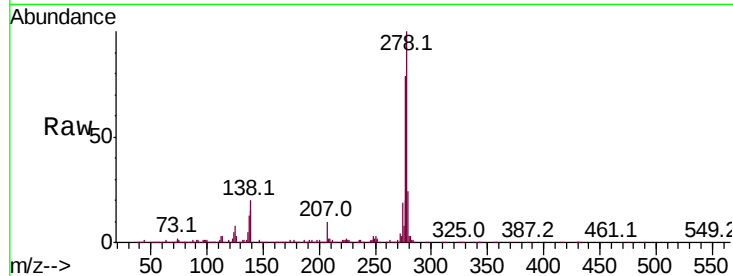
#91
Dibenzo(a,h)anthracene
Concen: 39.009 ng
RT: 25.67 min Scan# 3857
Delta R.T. 0.01 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

Instrument :
BNA_M
ClientSampleId :
PB114216BS

Tot Ion:278 Resp: 3665422
Ion Ratio Lower Upper
278 100
139 14.7 12.7 19.1
279 23.5 18.7 28.1

Manual Integrations
APPROVED

Sohil
10/30/2018 4:43:02 PM



#92
Benzo(g,h,i)perylene
Concen: 37.168 ng
RT: 26.33 min Scan# 3969
Delta R.T. 0.01 min
Lab File: BM017403.D
Acq: 29 Oct 2018 11:59

Tgt Ion:276 Resp: 3461398
Ion Ratio Lower Upper
276 100
277 23.4 18.6 28.0
138 19.2 16.4 24.6

