

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102918\
 Data File : BM017413.D
 Acq On : 29 Oct 2018 18:52
 Operator : MJ/SJ
 Sample : PB114250BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB114250BSD

Manual Integrations
 APPROVED

Sohil
 10/30/2018 4:43:08 PM

Quant Time: Oct 30 03:13:21 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	267362	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	1100553	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	739614	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	1705783	20.00	ng	0.00
76) Chrysene-d12	21.24	240	2009546	20.00	ng	0.00
87) Perylene-d12	23.44	264	1820805	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	1208823	76.47	ng	0.00
7) Phenol-d6	6.83	99	1727876	80.26	ng	0.00
23) Nitrobenzene-d5	8.80	82	1365769	72.58	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	771700	77.15	ng	0.00
45) 2-Fluorobiphenyl	12.90	172	3555986	63.97	ng	0.00
79) Terphenyl-d14	19.68	244	6343645	71.15	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.25	88	143519	17.780	ng	# 87
3) Pyridine	3.63	79	481788	25.940	ng	# 83
4) n-Nitrosodimethylamine	3.55	42	232858	31.231	ng	# 70
6) Aniline	6.99	93	663950	24.656	ng	97
8) 2-Chlorophenol	7.22	128	682917	37.343	ng	94
9) Benzaldehyde	6.80	77	281143	20.480	ng	94
10) Phenol	6.86	94	880483	38.000	ng	97
11) bis(2-Chloroethyl)ether	7.09	93	577098	31.244	ng	96
12) 1,3-Dichlorobenzene	7.53	146	635128	29.792	ng	97
13) 1,4-Dichlorobenzene	7.68	146	646648	29.689	ng	97
14) 1,2-Dichlorobenzene	7.99	146	611983	29.163	ng	99
15) Benzyl Alcohol	7.89	79	613140	38.962	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.18	45	709024	27.476	ng	99
17) 2-Methylphenol	8.09	107	558895	37.579	ng	99
18) Hexachloroethane	8.70	117	207492	27.837	ng	96
19) n-Nitroso-di-n-propylamine	8.45	70	442851	31.239	ng	98
20) 3+4-Methylphenols	8.42	107	743044	36.529	ng	99
22) Acetophenone	8.47	105	884292	31.698	ng	100
24) Nitrobenzene	8.84	77	655716	32.943	ng	95
25) Isophorone	9.36	82	1203565	38.733	ng	98
26) 2-Nitrophenol	9.55	139	337976	37.673	ng	97
27) 2,4-Dimethylphenol	9.61	122	624128	45.424	ng	97
28) bis(2-Chloroethoxy)methane	9.85	93	781586	35.737	ng	99
29) 2,4-Dichlorophenol	10.07	162	639644	40.096	ng	99
30) 1,2,4-Trichlorobenzene	10.29	180	593869	31.032	ng	98
31) Naphthalene	10.47	128	1862752	34.538	ng	100
32) Benzoic acid	9.76	122	410635	40.055	ng	93
33) 4-Chloroaniline	10.59	127	397301	17.056	ng	97
34) Hexachlorobutadiene	10.75	225	350678	28.920	ng	100
35) Caprolactam	11.39	113	210602m	36.224	ng	
36) 4-Chloro-3-methylphenol	11.72	107	720225	40.052	ng	96
37) 2-Methylnaphthalene	12.09	142	1466200	39.727	ng	99
38) 1-Methylnaphthalene	12.31	142	1392524	38.766	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.46	216	740897	28.445	ng	99

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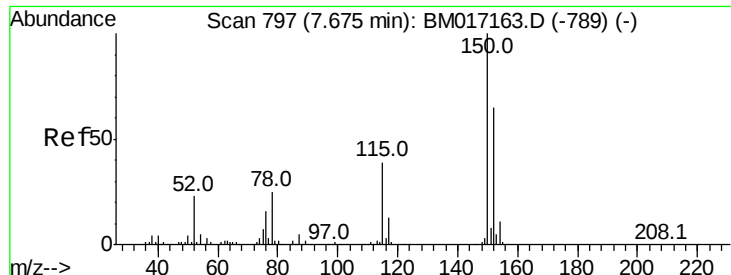
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.43	237	902782	71.696	ng	99
43) 2,4,6-Trichlorophenol	12.71	196	535735	35.432	ng	100
44) 2,4,5-Trichlorophenol	12.78	196	581238	35.848	ng	98
46) 1,1'-Biphenyl	13.12	154	1900876	28.560	ng	99
47) 2-Chloronaphthalene	13.16	162	1468494	29.991	ng	99
48) 2-Nitroaniline	13.37	65	455937	34.742	ng	93
49) Acenaphthylene	14.01	152	2631940	37.083	ng	100
50) Dimethylphthalate	13.76	163	1971023	34.542	ng	100
51) 2,6-Dinitrotoluene	13.88	165	461681	36.761	ng	99
52) Acenaphthene	14.36	154	1541801	34.598	ng	98
53) 3-Nitroaniline	14.21	138	341567	25.111	ng	94
54) 2,4-Dinitrophenol	14.42	184	517038	71.186	ng	100
55) Dibenzofuran	14.69	168	2504617	33.798	ng	99
56) 4-Nitrophenol	14.53	139	1150244	92.032	ng	98
57) 2,4-Dinitrotoluene	14.67	165	663226	39.291	ng	95
58) Fluorene	15.35	166	2105876	38.392	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.92	232	590293	39.940	ng	98
60) Diethylphthalate	15.13	149	2096899	37.055	ng	99
61) 4-Chlorophenyl-phenylether	15.35	204	1066247	34.097	ng	98
62) 4-Nitroaniline	15.38	138	531962	36.328	ng	98
63) Azobenzene	15.64	77	2083003	37.871	ng	98
65) 4,6-Dinitro-2-methylphenol	15.43	198	389019	37.336	ng	93
66) n-Nitrosodiphenylamine	15.56	169	1879291	36.415	ng	99
67) 4-Bromophenyl-phenylether	16.24	248	670843	35.817	ng	98
68) Hexachlorobenzene	16.35	284	724295	33.291	ng	97
69) Atrazine	16.52	200	670516	36.301	ng	99
70) Pentachlorophenol	16.69	266	929780	62.386	ng	100
71) Phenanthrene	17.09	178	3281335	35.654	ng	99
72) Anthracene	17.17	178	3319403	37.959	ng	100
73) Carbazole	17.45	167	2965957	33.203	ng	99
74) Di-n-butylphthalate	18.02	149	3629299	38.521	ng	99
75) Fluoranthene	19.11	202	4100784	39.598	ng	99
77) Benzidine	19.30	184	1743458	34.216	ng	99
78) Pyrene	19.47	202	4188414	37.292	ng	99
80) Butylbenzylphthalate	20.39	149	1773595	42.470	ng	95
81) Benzo(a)anthracene	21.23	228	4235934	37.458	ng	100
82) 3,3'-Dichlorobenzidine	21.16	252	1095018	25.981	ng	99
83) Chrysene	21.28	228	3977625	35.536	ng	100
84) Bis(2-ethylhexyl)phthalate	21.16	149	2583338	40.445	ng	99
85) Di-n-octyl phthalate	22.03	149	4486987	41.374	ng	98
86) Indeno(1,2,3-cd)pyrene	25.65	276	3416096	27.286	ng	99
88) Benzo(b)fluoranthene	22.79	252	4065062	40.834	ng	99
89) Benzo(k)fluoranthene	22.83	252	3843743	38.479	ng	99
90) Benzo(a)pyrene	23.35	252	3658434	38.705	ng	100
91) Dibenzo(a,h)anthracene	25.67	278	2911365	31.020	ng	98
92) Benzo(g,h,i)perylene	26.33	276	2679459	28.805	ng	99

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



#1

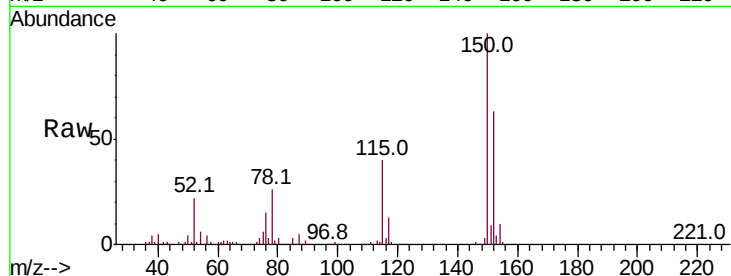
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 792
Delta R.T. -0.00 min
Lab File: BM017413.D
Acq: 29 Oct 2018 18:52

Instrument :
BNA_M
ClientSampleId :
PB114250BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	124.3	186.5
115	62.7	48.1	72.1

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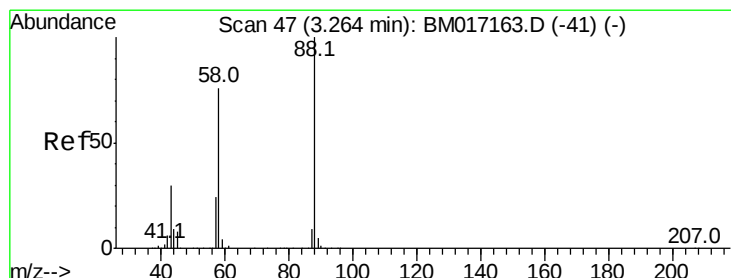
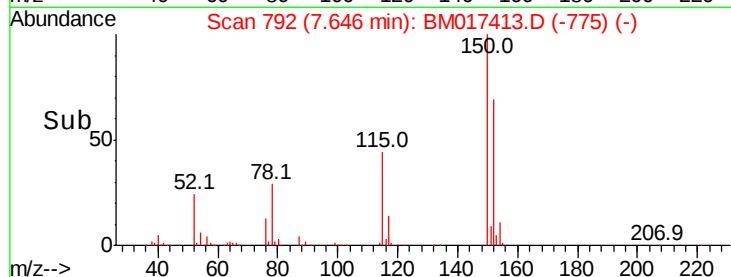
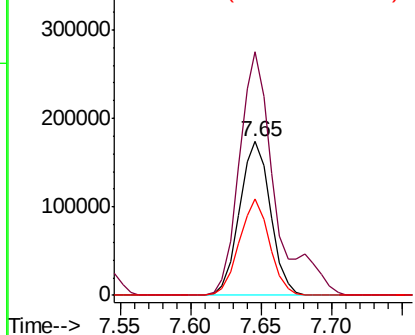


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

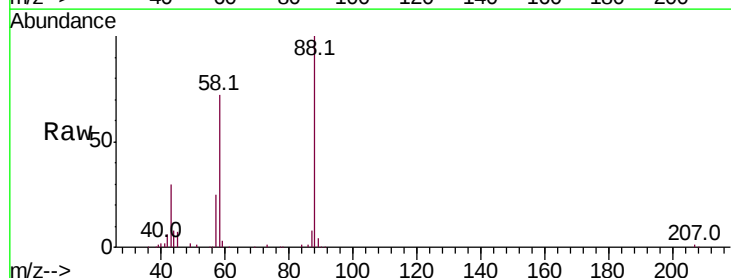
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 17.780 ng
RT: 3.25 min Scan# 45
Delta R.T. -0.00 min
Lab File: BM017413.D
Acq: 29 Oct 2018 18:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.1	50.2	75.4
43	29.8	19.3	28.9

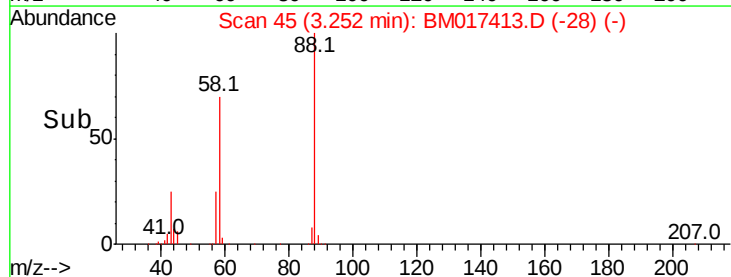
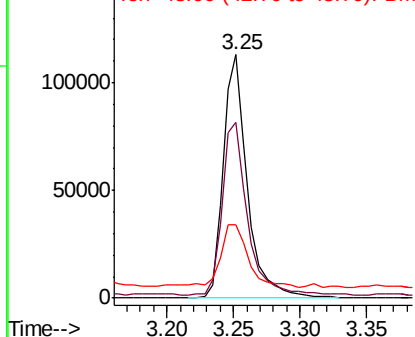


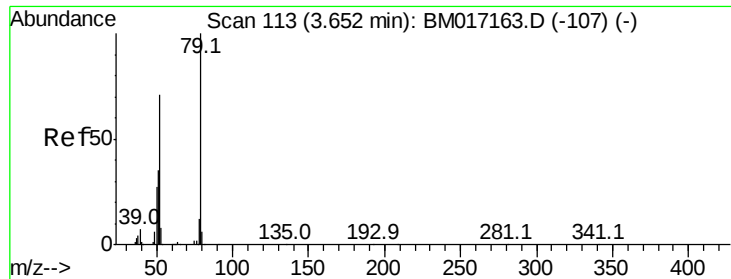
Abundance

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: 25.940 ng

RT: 3.63 min Scan# 109

Delta R.T. -0.01 min

Lab File: BM017413.D

Acq: 29 Oct 2018 18:52

Instrument :

BNA_M

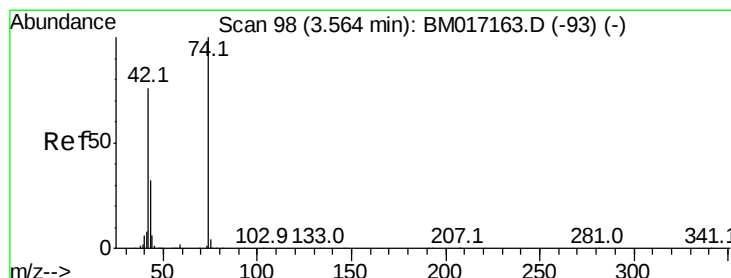
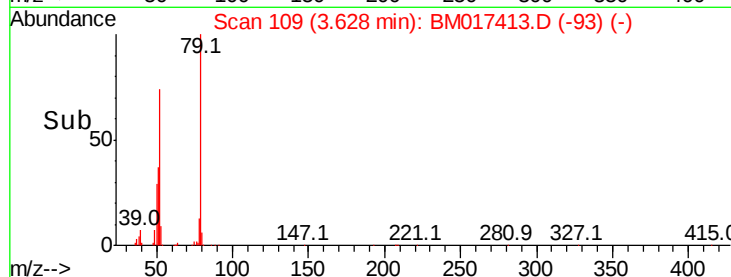
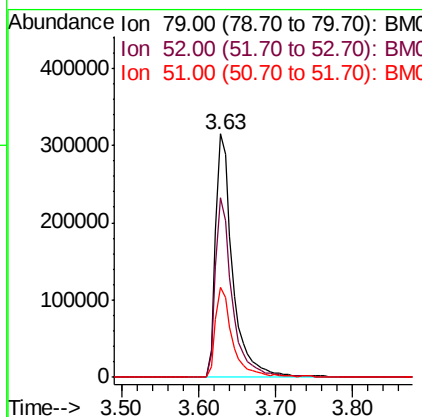
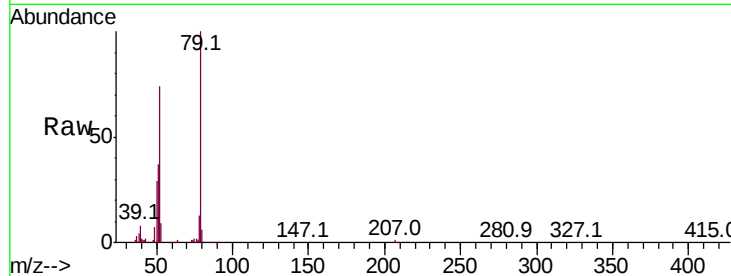
ClientSampleId :

PB114250BSD

Tot Ion:	79	Resp:	481788
Ion Ratio	Lower	Upper	
79	100		
52	73.6	46.5	69.7#
51	36.9	24.6	37.0

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#4

n-Nitrosodimethylamine

Concen: 31.231 ng

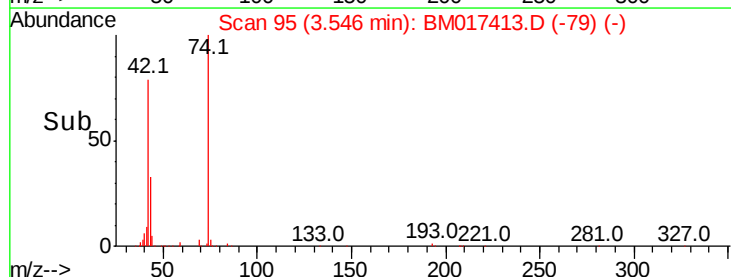
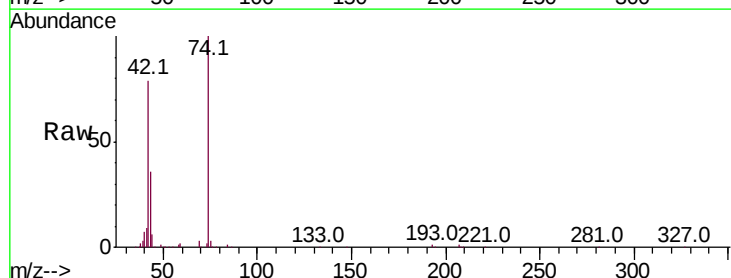
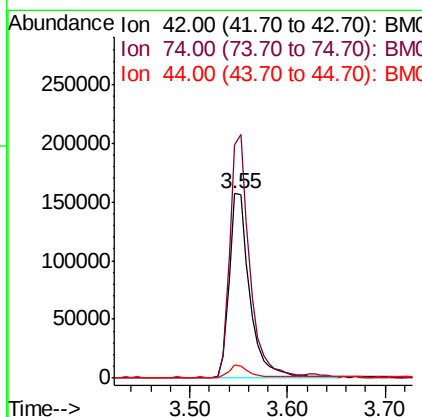
RT: 3.55 min Scan# 95

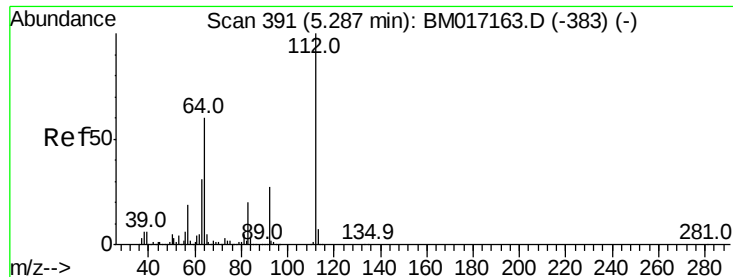
Delta R.T. -0.01 min

Lab File: BM017413.D

Acq: 29 Oct 2018 18:52

Tgt Ion:	42	Resp:	232858
Ion Ratio	Lower	Upper	
42	100		
74	126.7	114.4	171.6
44	7.4	48.6	73.0#





#5

2-Fluorophenol

Concen: 76.470 ng

RT: 5.27 min Scan# 388

Delta R.T. 0.01 min

Lab File: BM017413.D

Acq: 29 Oct 2018 18:52

Instrument :

BNA_M

ClientSampleId :

PB114250BSD

Tot Ion:112 Resp: 1208823

Ion Ratio Lower Upper

112 100

64 59.6 41.7 62.5

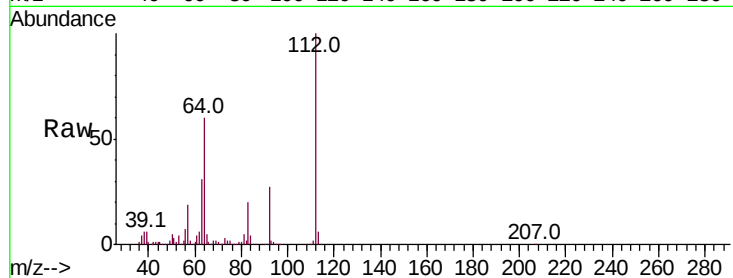
63 30.7 23.0 34.4

Manual Integrations

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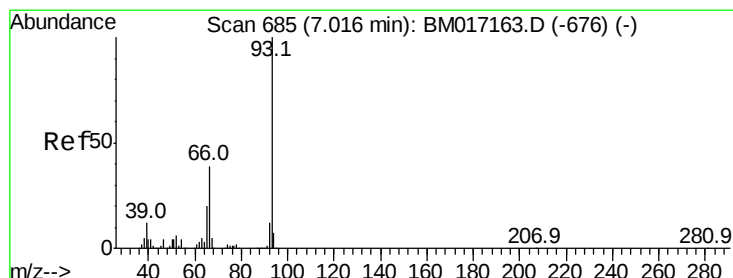
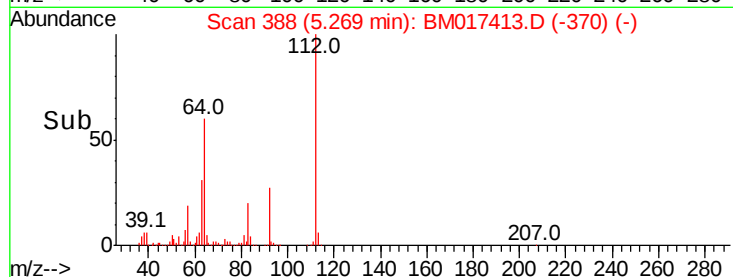
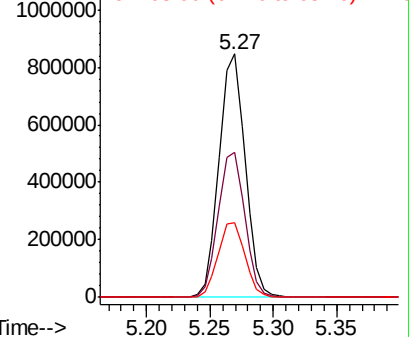
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 24.656 ng

RT: 6.99 min Scan# 680

Delta R.T. -0.01 min

Lab File: BM017413.D

Acq: 29 Oct 2018 18:52

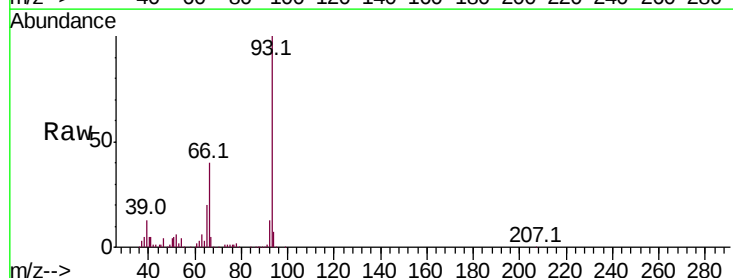
Tgt Ion: 93 Resp: 663950

Ion Ratio Lower Upper

93 100

66 40.1 30.4 45.6

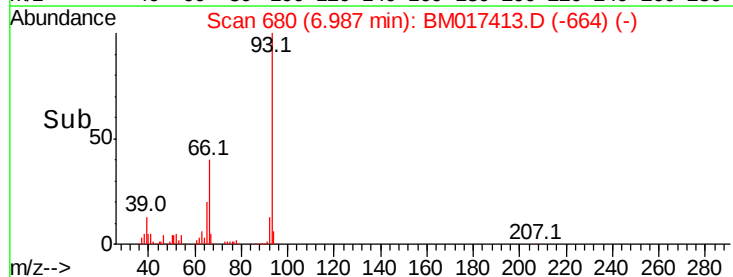
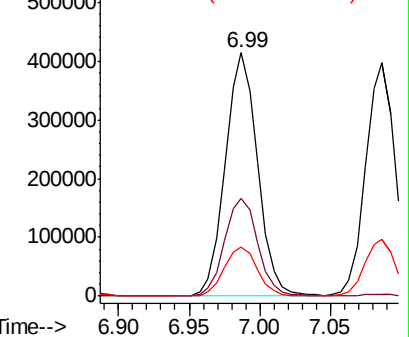
65 20.3 15.3 22.9

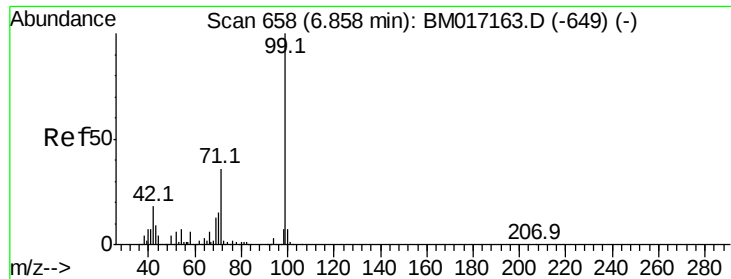


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 80.257 ng

RT: 6.83 min Scan# 654

Delta R.T. -0.00 min

Lab File: BM017413.D

Acq: 29 Oct 2018 18:52

Instrument :

BNA_M

ClientSampleId :

PB114250BSD

Tot Ion: 99 Resp: 1727876

Ion Ratio Lower Upper

99 100

42 19.2 13.3 19.9

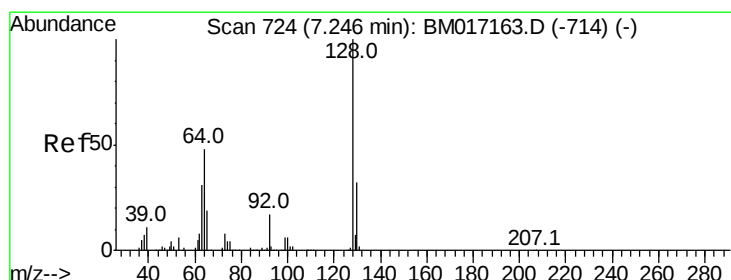
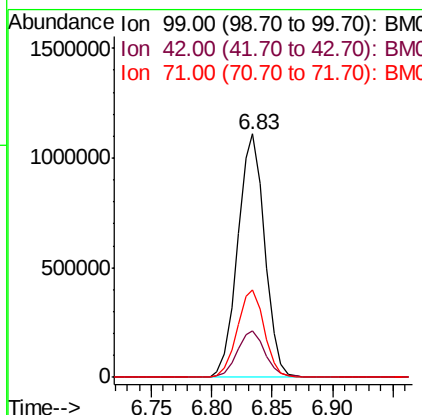
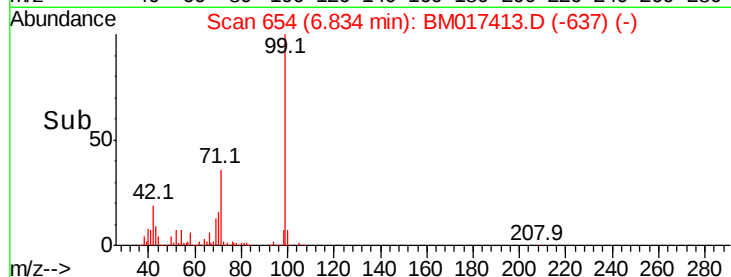
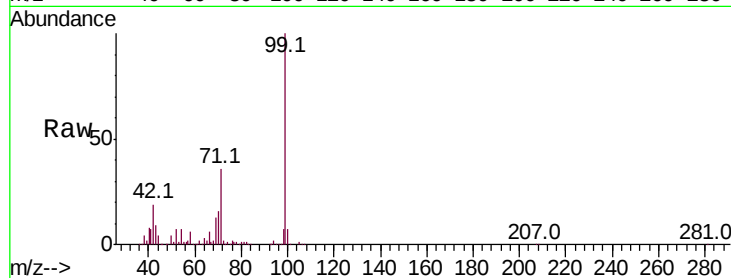
71 35.9 28.0 42.0

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#8

2-Chlorophenol

Concen: 37.343 ng

RT: 7.22 min Scan# 719

Delta R.T. -0.00 min

Lab File: BM017413.D

Acq: 29 Oct 2018 18:52

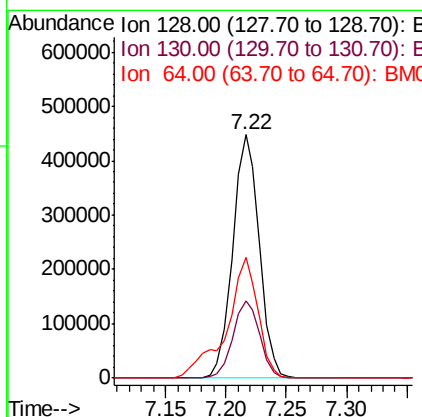
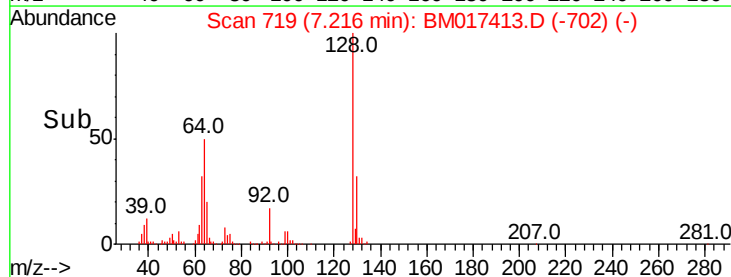
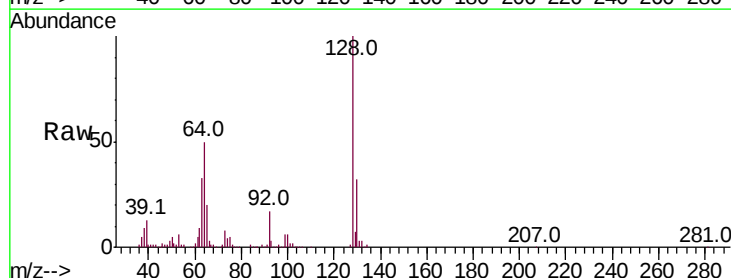
Tgt Ion: 128 Resp: 682917

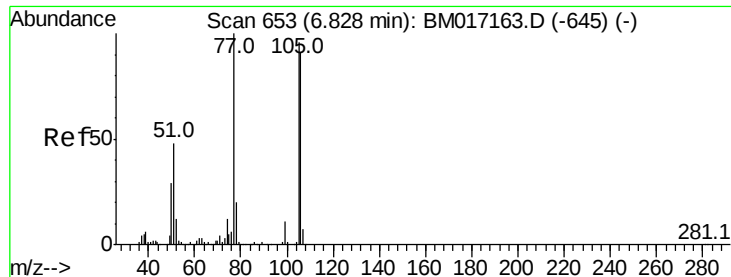
Ion Ratio Lower Upper

128 100

130 31.9 11.0 51.0

64 49.5 24.1 64.1





#9

Benzaldehyde

Concen: 20.480 ng

RT: 6.80 min Scan# 649

Delta R.T. -0.00 min

Lab File: BM017413.D

Acq: 29 Oct 2018 18:52

Instrument :

BNA_M

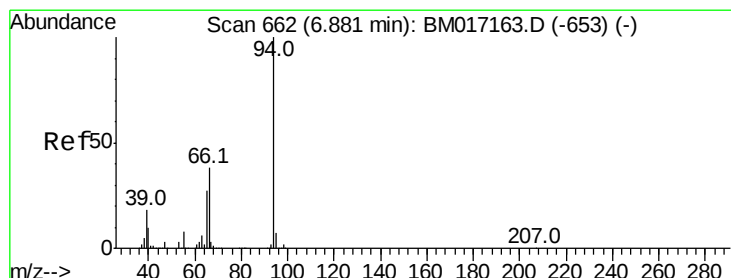
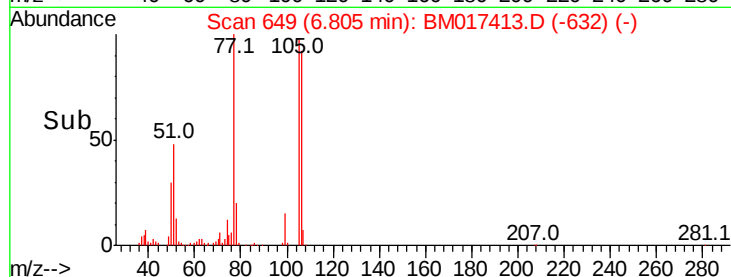
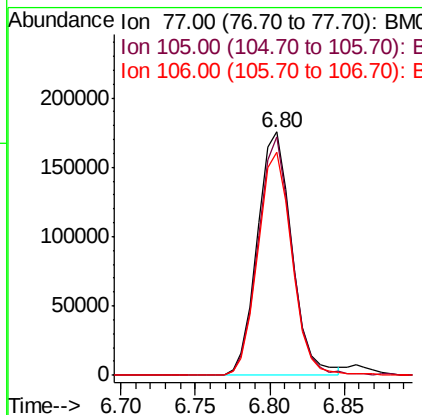
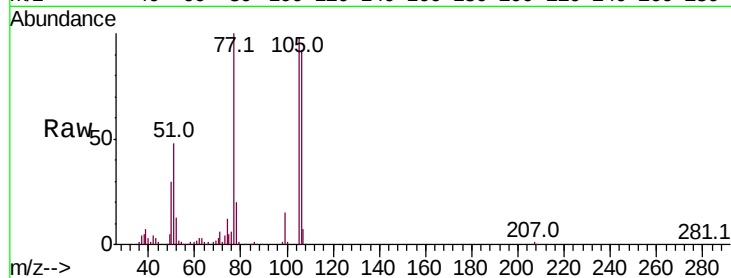
ClientSampleId :

PB114250BSD

Tot Ion:	77	Resp:	281143
Ion	Ratio	Lower	Upper
77	100		
105	97.8	83.9	123.9
106	91.7	78.2	118.2

Manual Integrations
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#10

Phenol

Concen: 38.000 ng

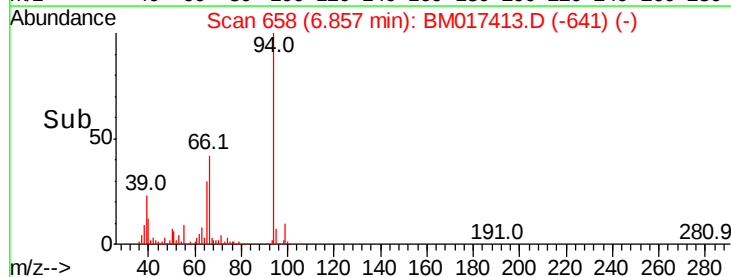
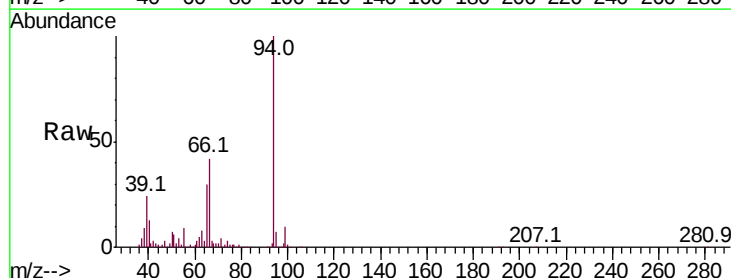
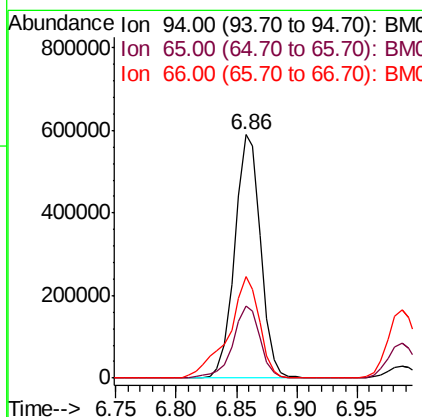
RT: 6.86 min Scan# 658

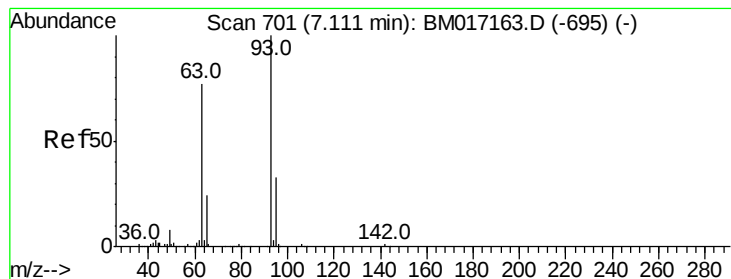
Delta R.T. -0.00 min

Lab File: BM017413.D

Acq: 29 Oct 2018 18:52

Tgt Ion:	94	Resp:	880483
Ion	Ratio	Lower	Upper
94	100		
65	29.7	9.4	49.4
66	41.9	19.0	59.0





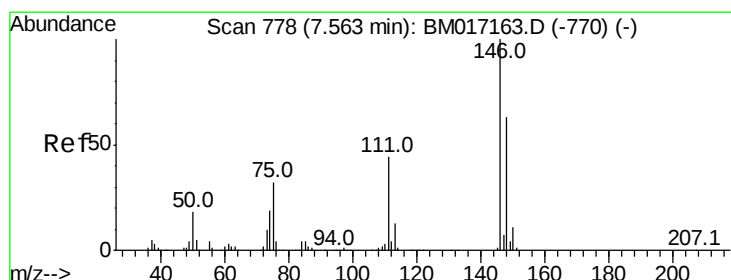
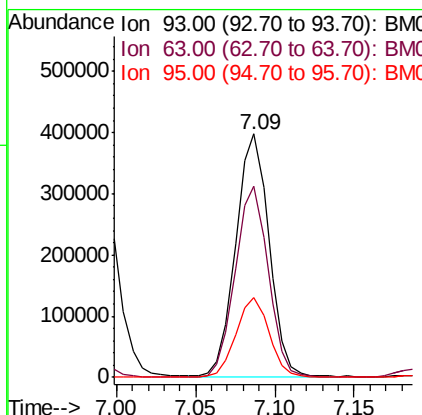
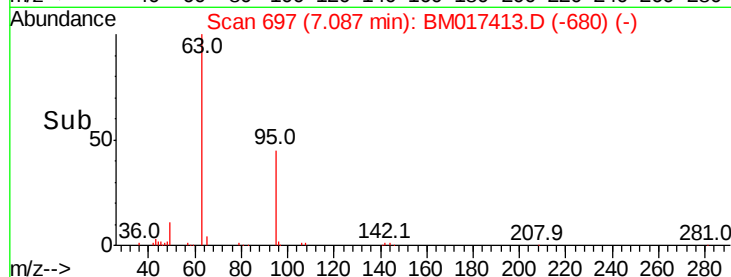
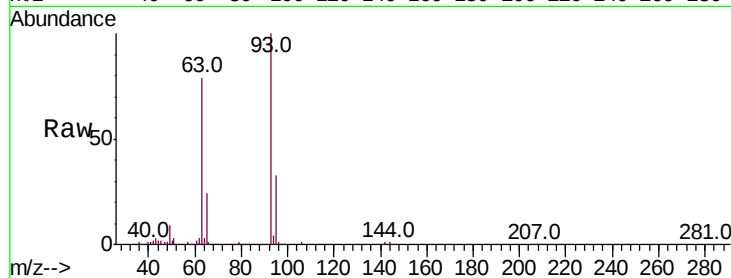
#11
bis(2-Chloroethyl)ether
Concen: 31.244 ng
RT: 7.09 min Scan# 697
Delta R.T. -0.00 min
Lab File: BM017413.D
Acq: 29 Oct 2018 18:52

Instrument :
BNA_M
ClientSampleId :
PB114250BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	78.7	54.0	94.0
95	32.8	11.8	51.8

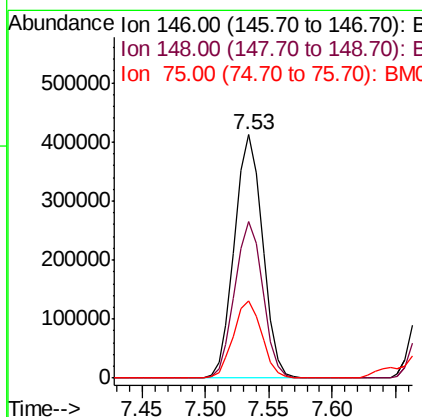
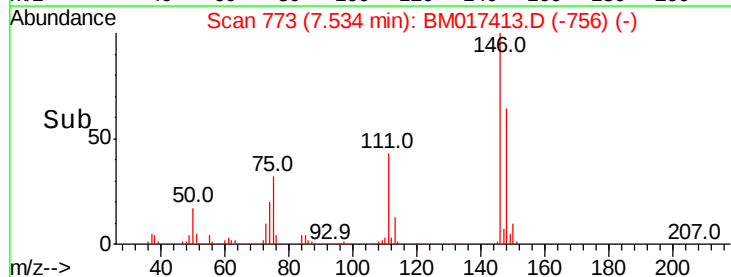
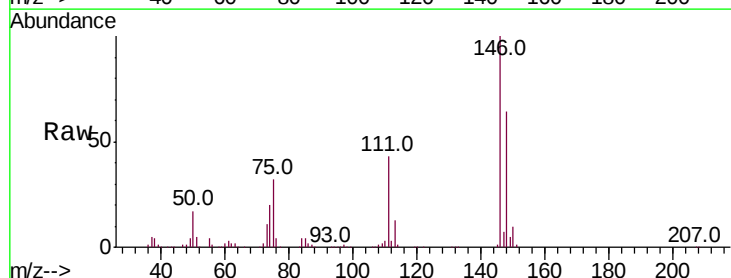
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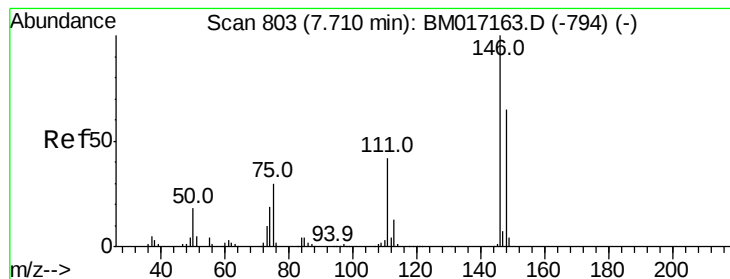
Sohil
10/30/2018 4:43:08 PM



#12
1,3-Dichlorobenzene
Concen: 29.792 ng
RT: 7.53 min Scan# 773
Delta R.T. -0.00 min
Lab File: BM017413.D
Acq: 29 Oct 2018 18:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.2	75.4
75	31.9	23.3	34.9





#13

1,4-Dichlorobenzene

Concen: 29.689 ng

RT: 7.68 min Scan# 798

Delta R.T. -0.00 min

Lab File: BM017413.D

Acq: 29 Oct 2018 18:52

Instrument :

BNA_M

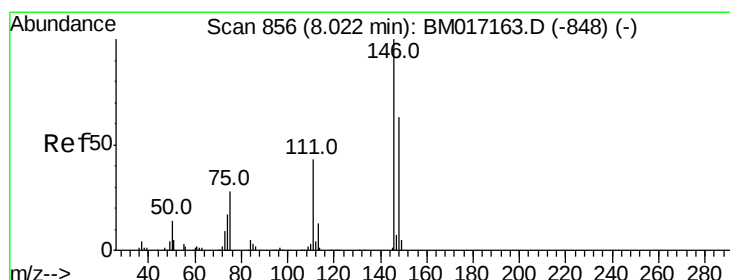
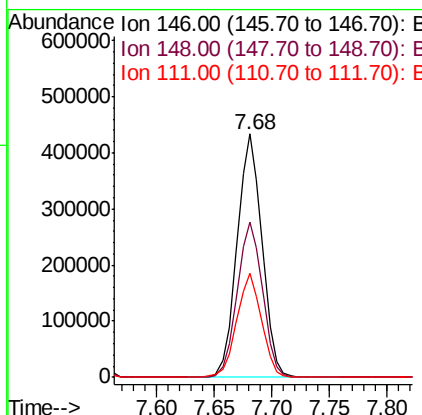
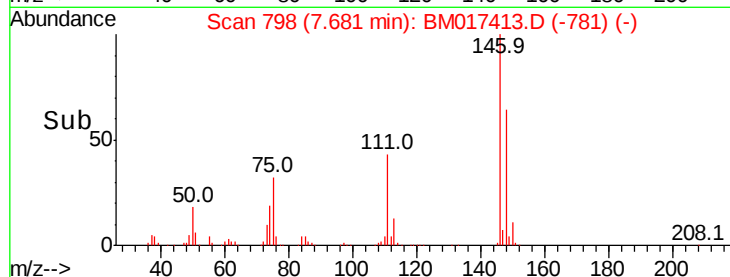
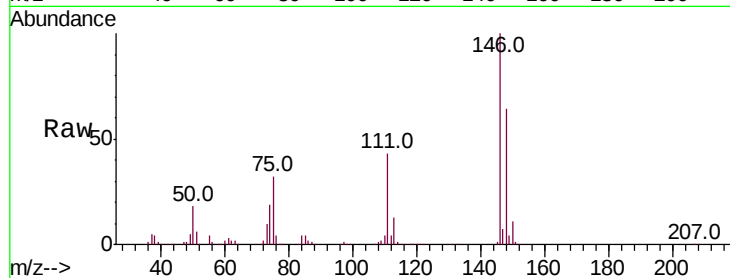
ClientSampleId :

PB114250BSD

Tot Ion:	146	Resp:	646648
Ion Ratio	Lower	Upper	
146	100		
148	63.7	49.8	74.6
111	42.5	32.1	48.1

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#14

1,2-Dichlorobenzene

Concen: 29.163 ng

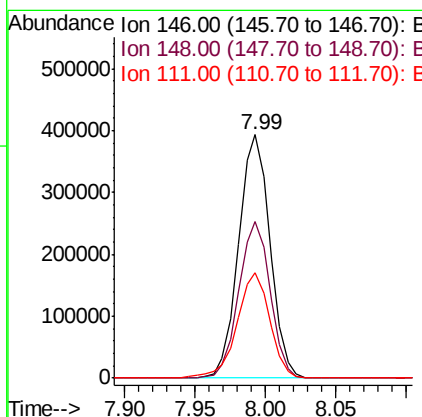
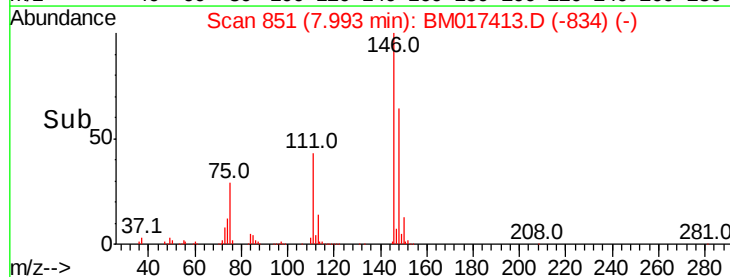
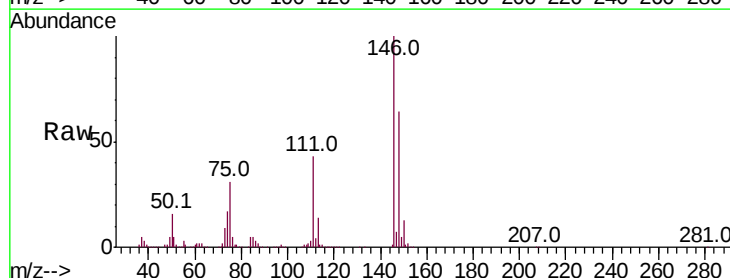
RT: 7.99 min Scan# 851

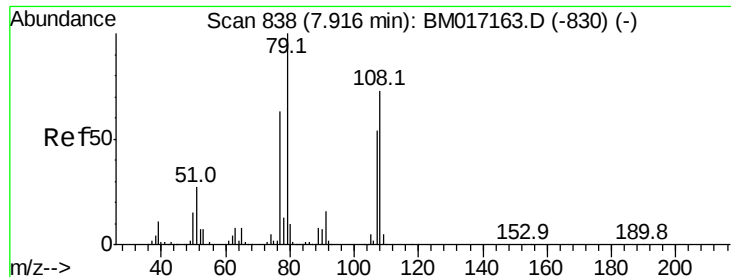
Delta R.T. -0.00 min

Lab File: BM017413.D

Acq: 29 Oct 2018 18:52

Tgt Ion:	146	Resp:	611983
Ion Ratio	Lower	Upper	
146	100		
148	64.3	50.8	76.2
111	43.3	33.8	50.6





#15

Benzyl Alcohol

Concen: 38.962 ng

RT: 7.89 min Scan# 834

Delta R.T. -0.00 min

Lab File: BM017413.D

Acq: 29 Oct 2018 18:52

Instrument :

BNA_M

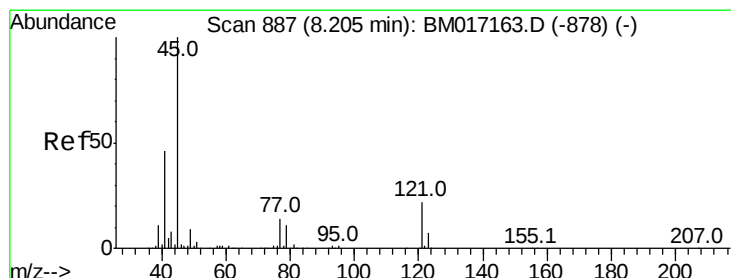
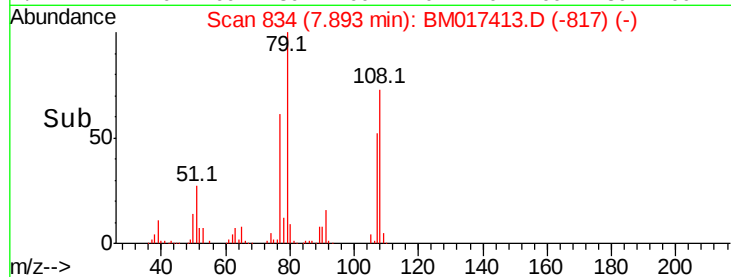
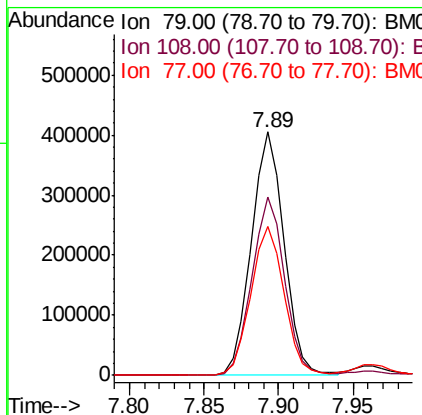
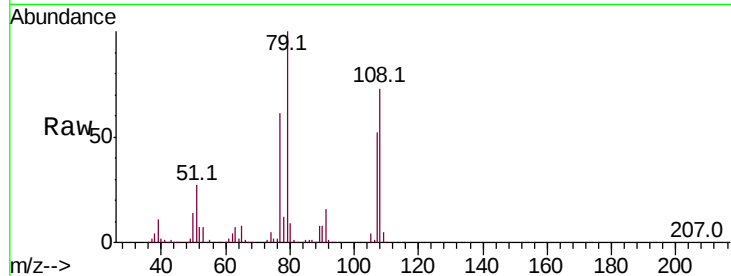
ClientSampleId :

PB114250BSD

Tot Ion:	79	Resp:	613140
Ion Ratio	Lower	Upper	
79	100		
108	73.3	60.3	90.5
77	61.2	54.8	82.2

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#16

2,2'-oxybis(1-chloropropane)

Concen: 27.476 ng

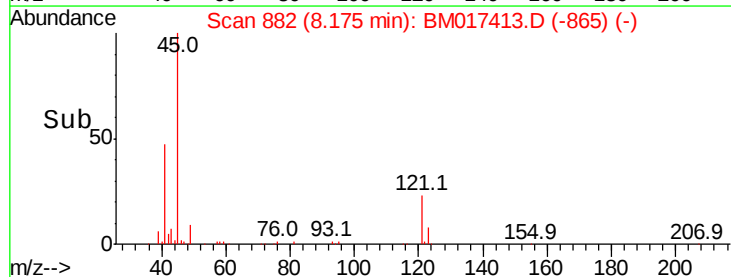
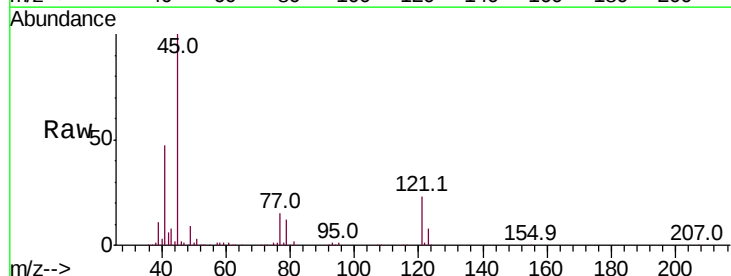
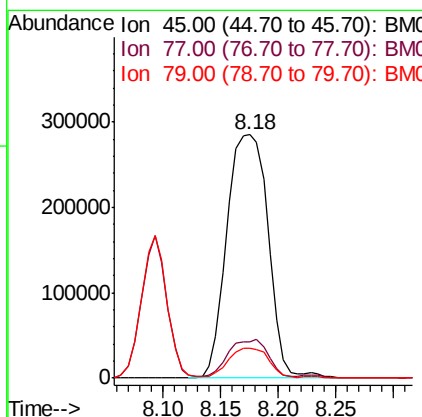
RT: 8.18 min Scan# 882

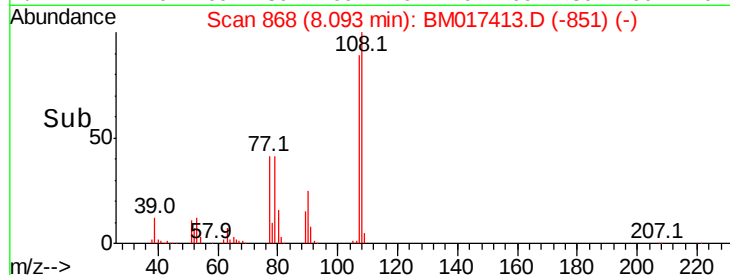
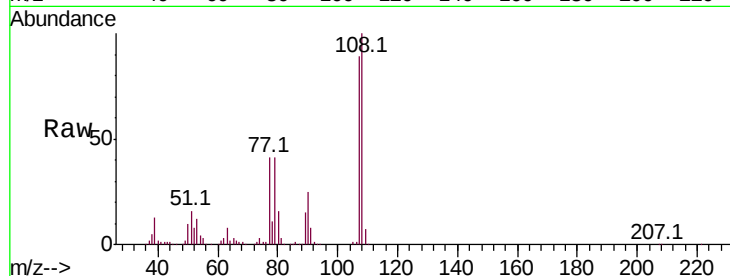
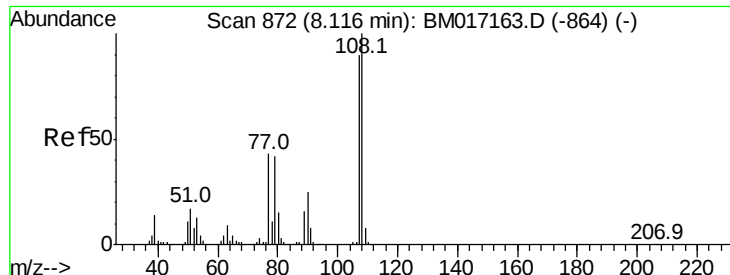
Delta R.T. -0.00 min

Lab File: BM017413.D

Acq: 29 Oct 2018 18:52

Tgt Ion:	45	Resp:	709024
Ion Ratio	Lower	Upper	
45	100		
77	15.0	0.0	35.5
79	12.1	0.0	32.1





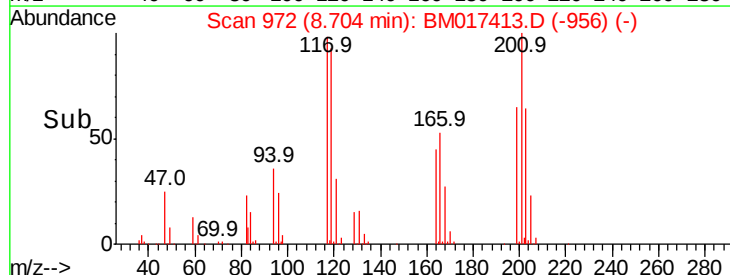
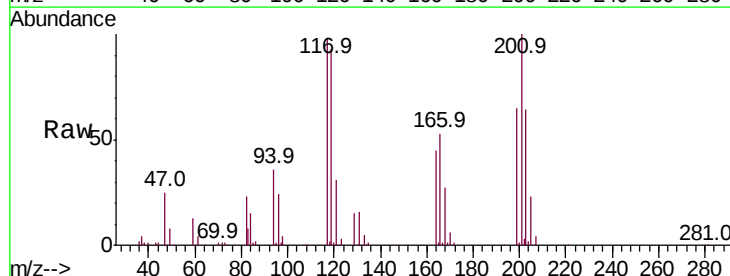
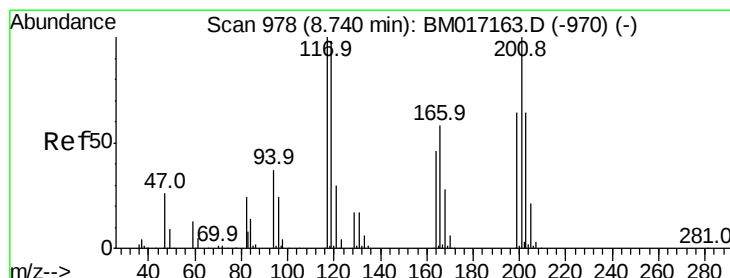
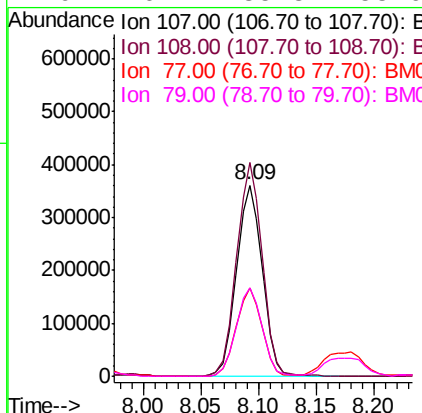
#17
2-Methylphenol
Concen: 37.579 ng
RT: 8.09 min Scan# 868
Delta R.T. -0.00 min
Lab File: BM017413.D
Acq: 29 Oct 2018 18:52

Tot Ion	107	Resp	558895
Ion Ratio	Lower	Upper	
107	100		
108	111.9	90.3	135.5
77	46.2	37.0	55.4
79	46.2	35.8	53.6

Instrument :
BNA_M
ClientSampleId :
PB114250BSD

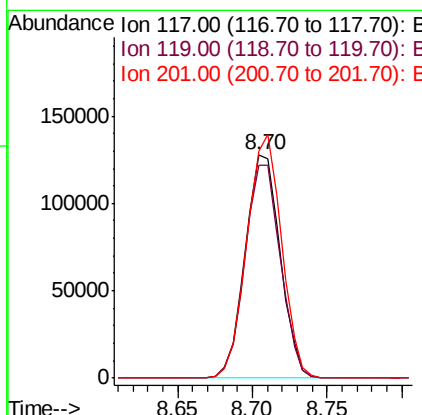
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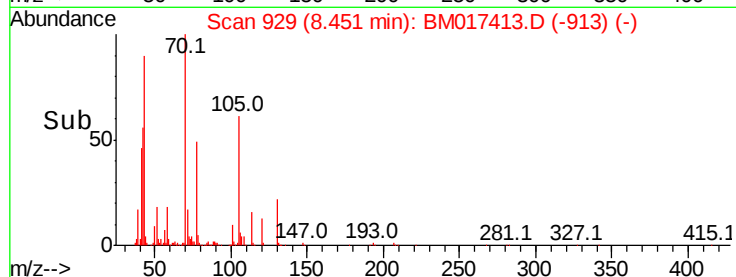
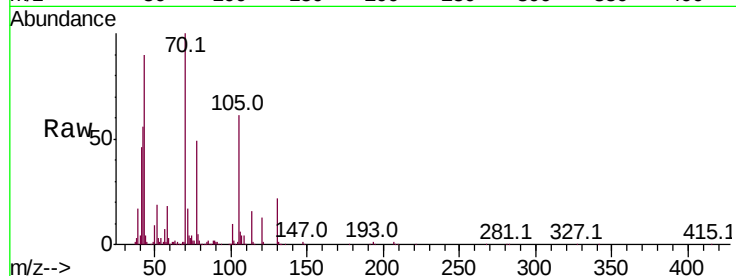
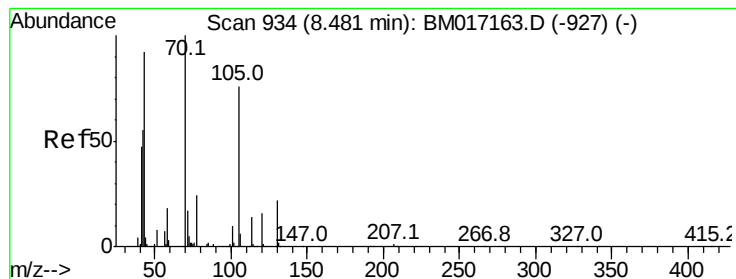
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#18
Hexachloroethane
Concen: 27.837 ng
RT: 8.70 min Scan# 972
Delta R.T. -0.01 min
Lab File: BM017413.D
Acq: 29 Oct 2018 18:52

Tgt Ion	117	Resp	207492
Ion Ratio	Lower	Upper	
117	100		
119	95.1	78.2	117.2
201	101.7	85.3	127.9





#19

n-Nitroso-di-n-propylamine

Concen: 31.239 ng

RT: 8.45 min Scan# 929

Delta R.T. -0.01 min

Lab File: BM017413.D

Acq: 29 Oct 2018 18:52

Instrument :

BNA_M

ClientSampleId :

PB114250BSD

Tot Ion: 70 Resp: 442851

Ion Ratio Lower Upper

70 100

42 56.1 46.1 69.1

101 10.4 8.2 12.4

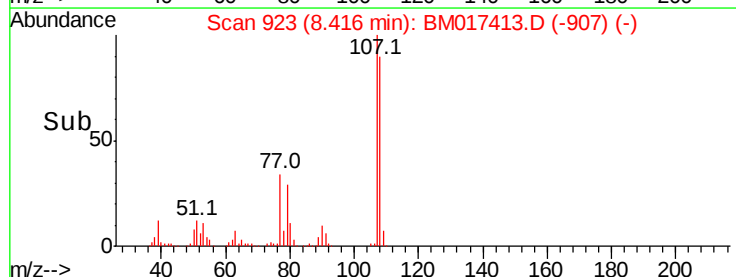
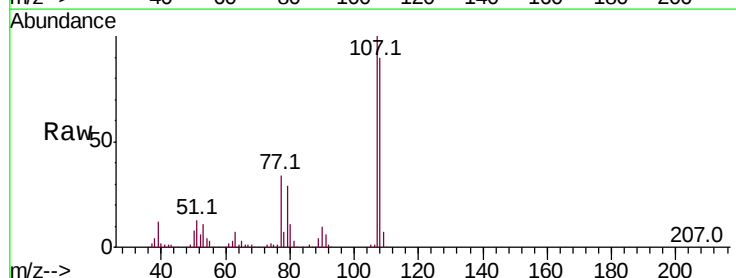
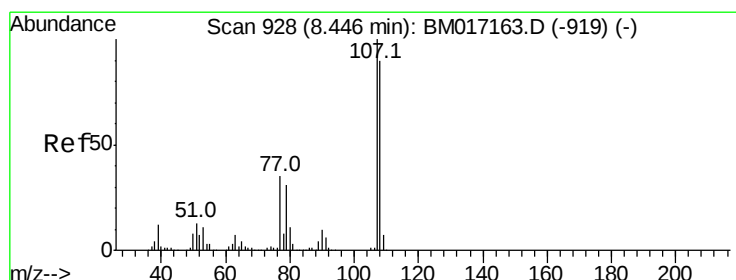
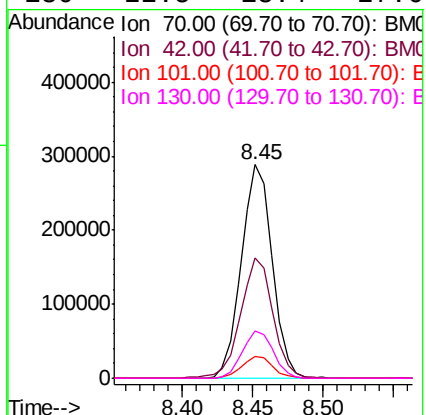
130 22.5 18.4 27.6

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#20

3+4-Methylphenols

Concen: 36.529 ng

RT: 8.42 min Scan# 923

Delta R.T. -0.01 min

Lab File: BM017413.D

Acq: 29 Oct 2018 18:52

Tgt Ion: 107 Resp: 743044

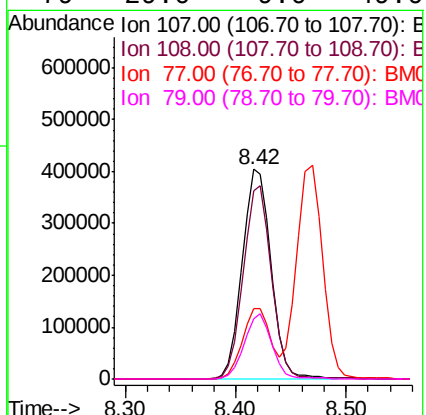
Ion Ratio Lower Upper

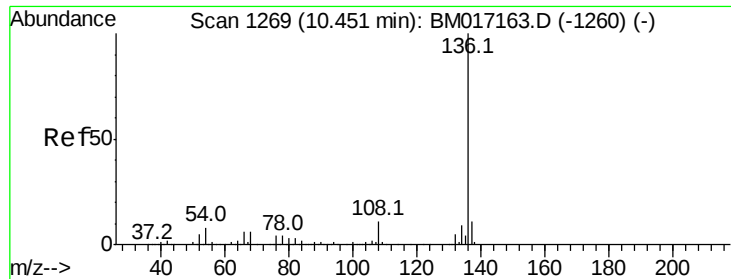
107 100

108 89.8 69.9 109.9

77 33.7 12.2 52.2

79 29.0 9.0 49.0





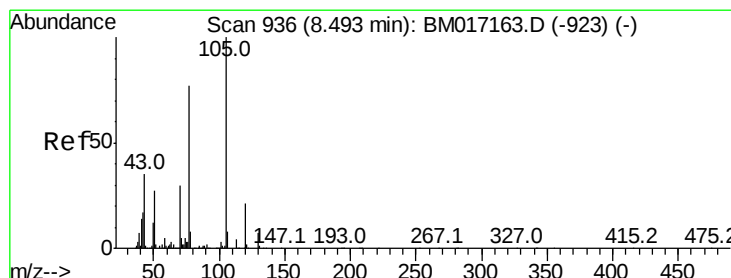
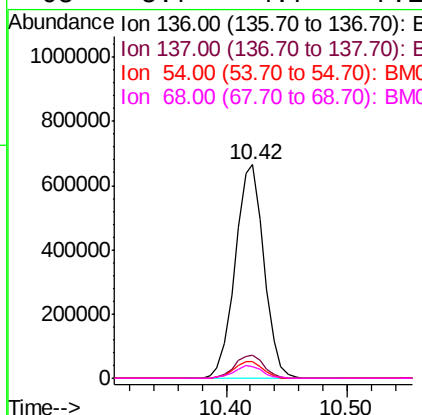
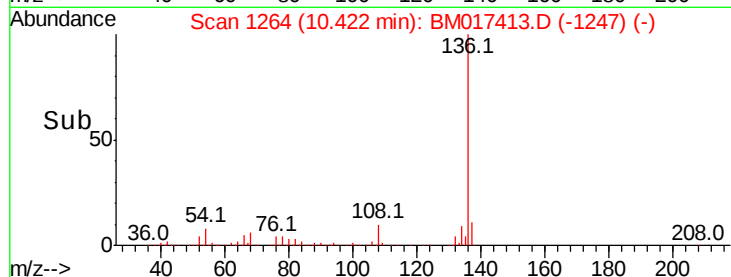
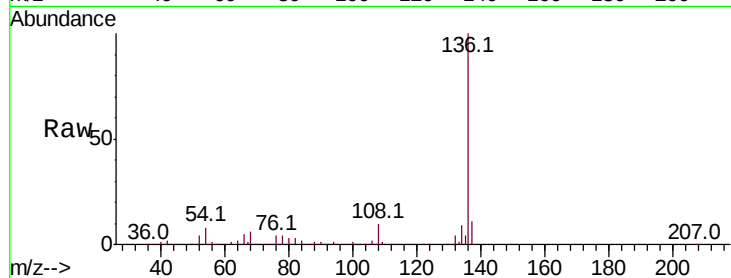
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.42 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BM017413.D
Acq: 29 Oct 2018 18:52

Instrument :
BNA_M
ClientSampleId :
PB114250BSD

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	7.6	6.7	10.1
68	5.7	4.7	7.1

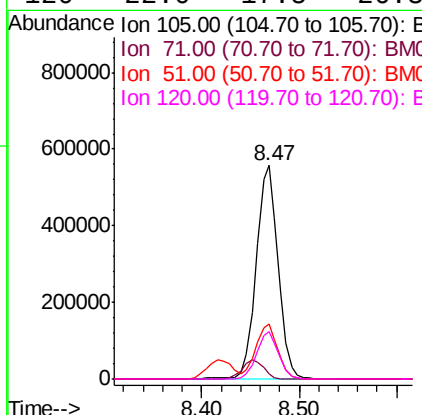
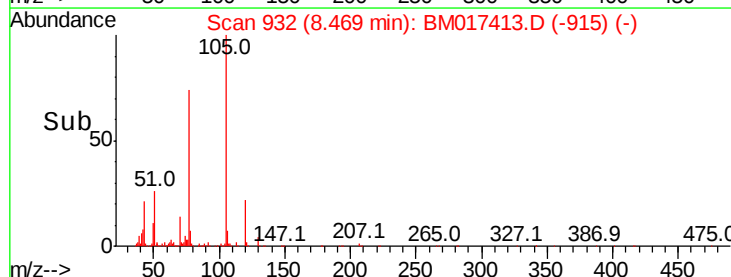
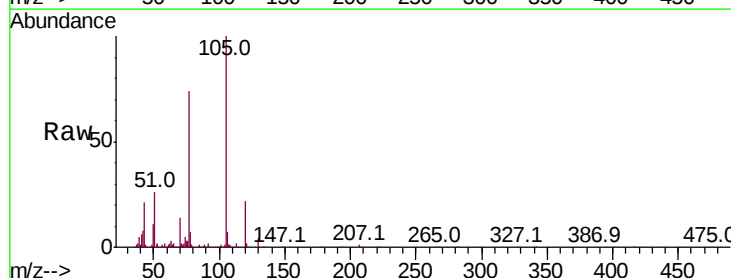
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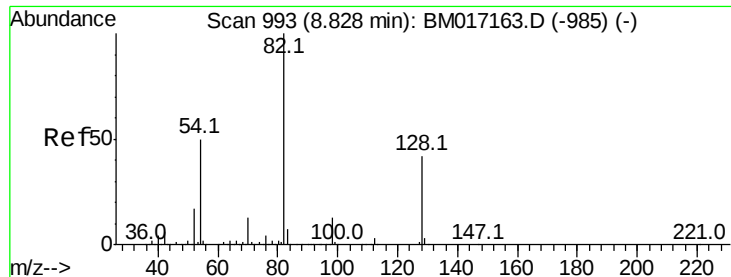
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#22
Acetophenone
Concen: 31.698 ng
RT: 8.47 min Scan# 932
Delta R.T. -0.00 min
Lab File: BM017413.D
Acq: 29 Oct 2018 18:52

Tgt Ion	Ratio	Lower	Upper
105	100		
71	2.3	2.0	3.0
51	25.8	20.6	31.0
120	22.0	17.5	26.3





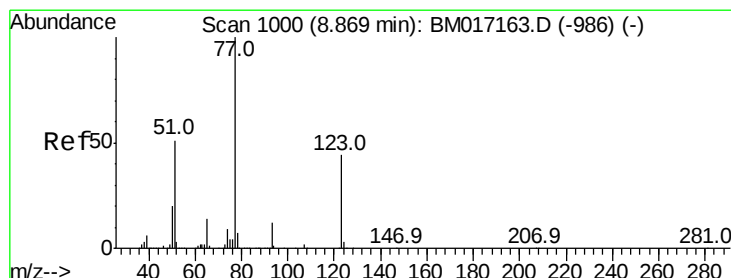
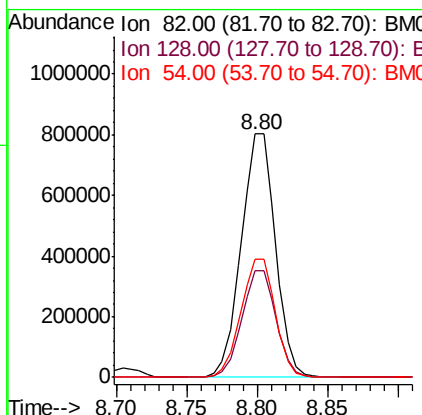
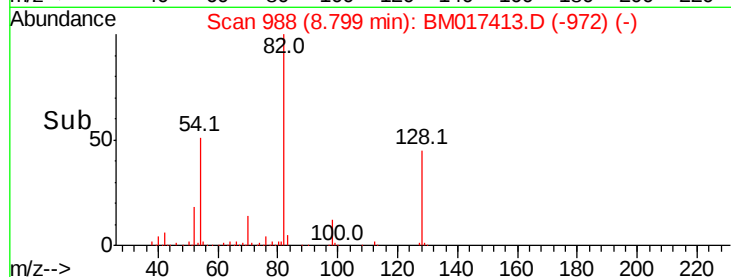
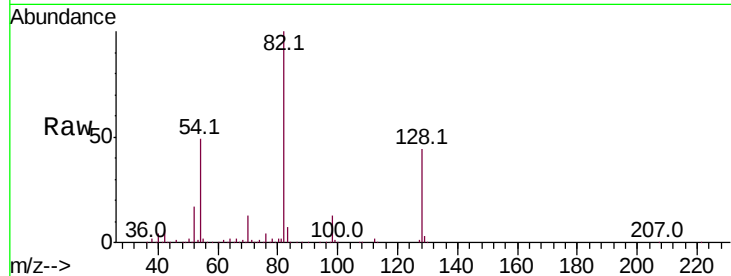
#23
Nitrobenzene-d5
Concen: 72.580 ng
RT: 8.80 min Scan# 988
Delta R.T. -0.01 min
Lab File: BM017413.D
Acq: 29 Oct 2018 18:52

Instrument :
BNA_M
ClientSampleId :
PB114250BSD

Tot Ion: 82 Resp: 1365769
Ion Ratio Lower Upper
82 100
128 43.7 37.0 55.6
54 48.7 40.7 61.1

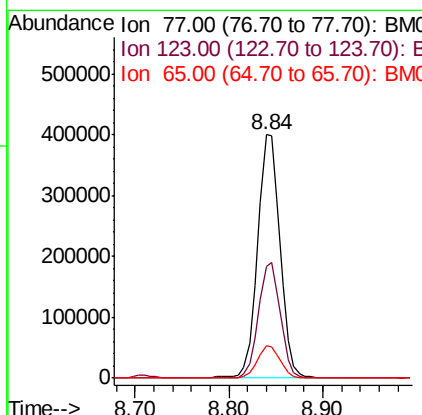
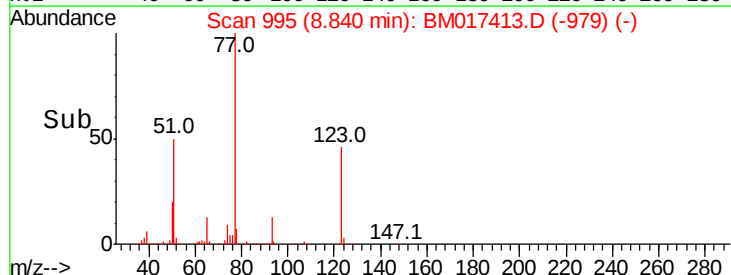
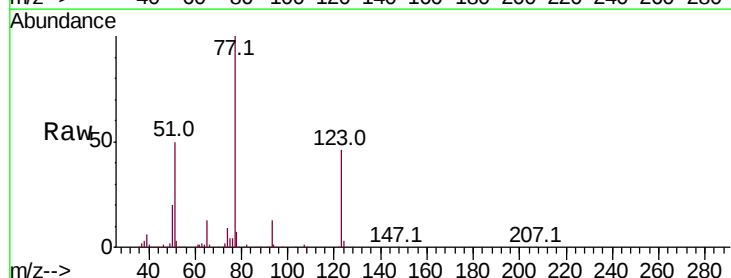
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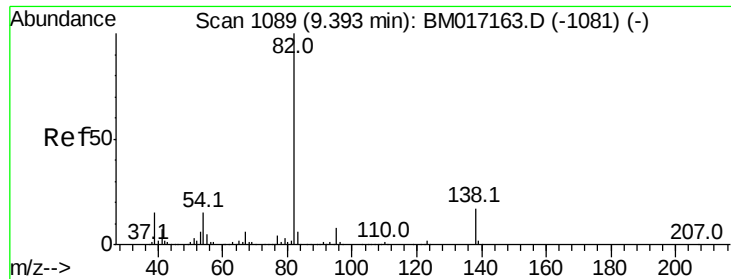
Sohil
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#24
Nitrobenzene
Concen: 32.943 ng
RT: 8.84 min Scan# 995
Delta R.T. -0.01 min
Lab File: BM017413.D
Acq: 29 Oct 2018 18:52

Tgt Ion: 77 Resp: 655716
Ion Ratio Lower Upper
77 100
123 46.0 40.2 60.4
65 13.3 11.4 17.0





#25

Isophorone

Concen: 38.733 ng

RT: 9.36 min Scan# 1084

Delta R.T. -0.01 min

Lab File: BM017413.D

Acq: 29 Oct 2018 18:52

Instrument :

BNA_M

ClientSampleId :

PB114250BSD

Tot Ion: 82 Resp: 1203565

Ion Ratio Lower Upper

82 100

95 7.8 6.0 9.0

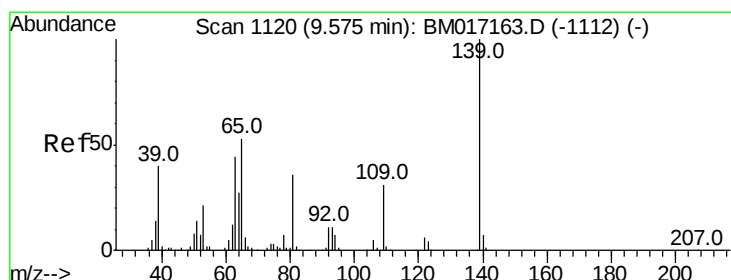
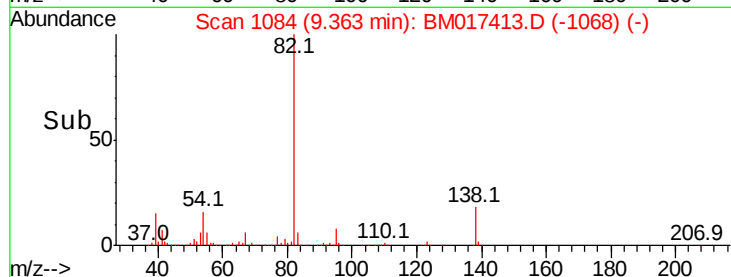
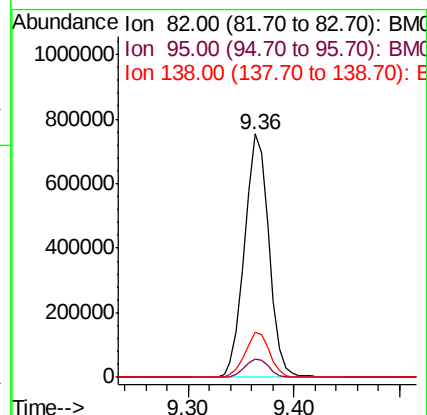
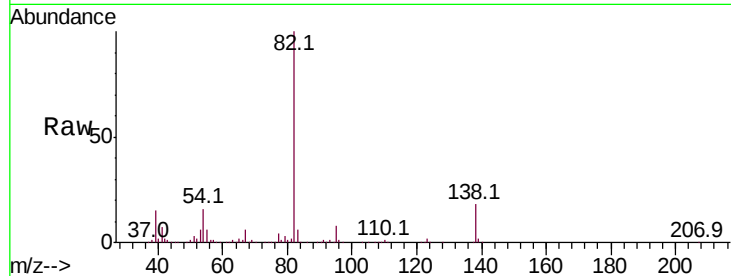
138 18.5 15.4 23.2

Manual Integrations

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#26

2-Nitrophenol

Concen: 37.673 ng

RT: 9.55 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BM017413.D

Acq: 29 Oct 2018 18:52

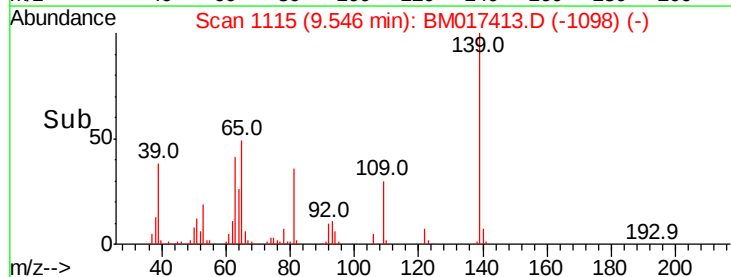
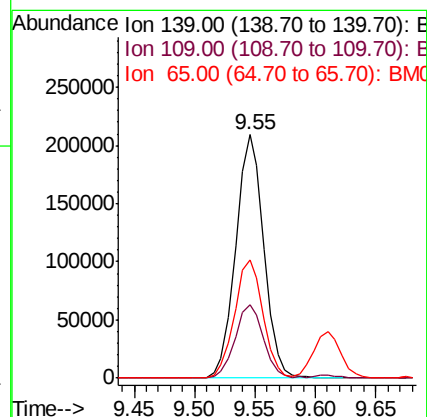
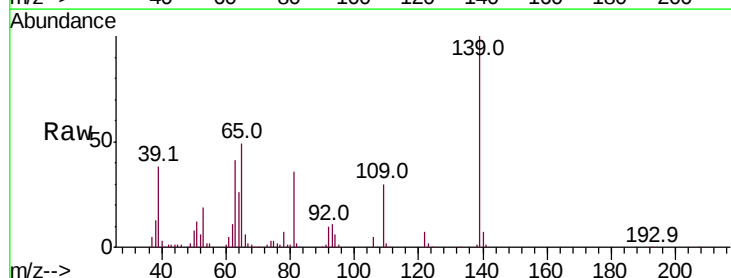
Tgt Ion: 139 Resp: 337976

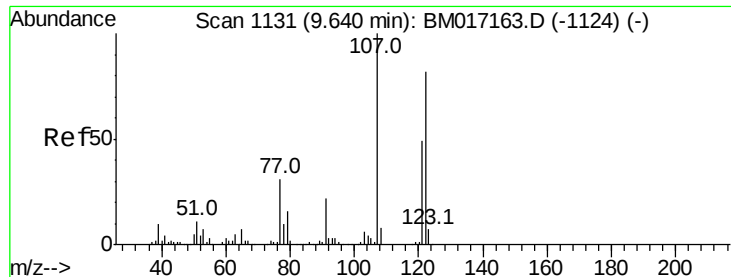
Ion Ratio Lower Upper

139 100

109 30.1 23.2 34.8

65 48.5 40.6 61.0





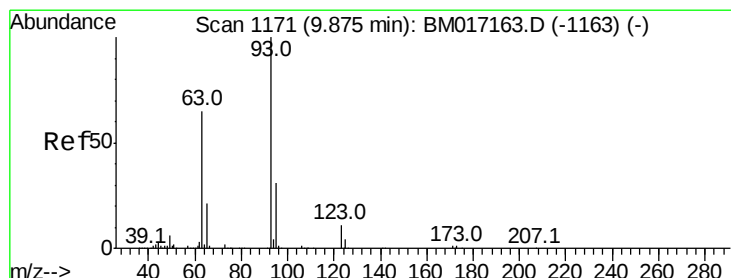
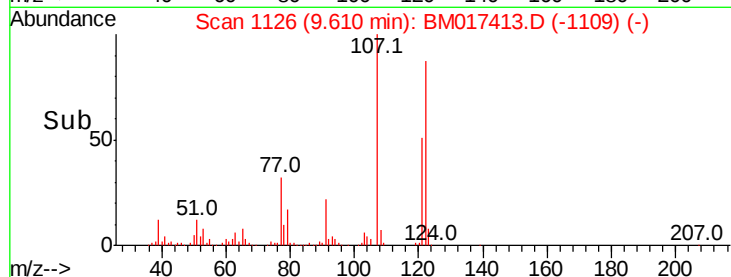
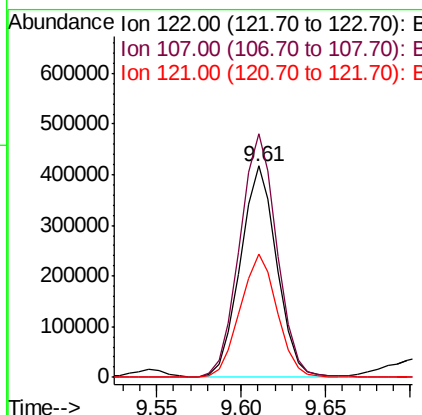
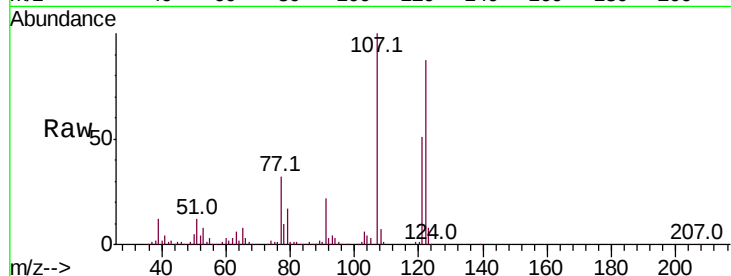
#27
2,4-Dimethylphenol
Concen: 45.424 ng
RT: 9.61 min Scan# 1126
Delta R.T. -0.00 min
Lab File: BM017413.D
Acq: 29 Oct 2018 18:52

Instrument :
BNA_M
ClientSampleId :
PB114250BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	624128		
107	115.3	95.0	142.6	
121	58.7	48.2	72.4	

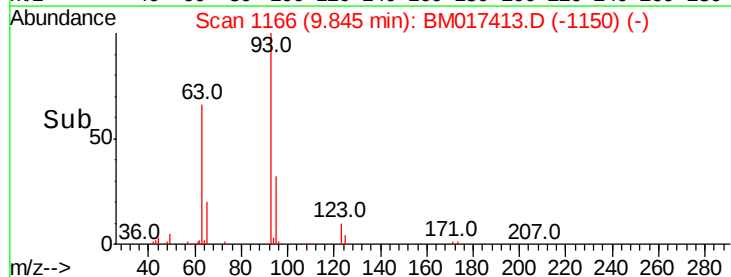
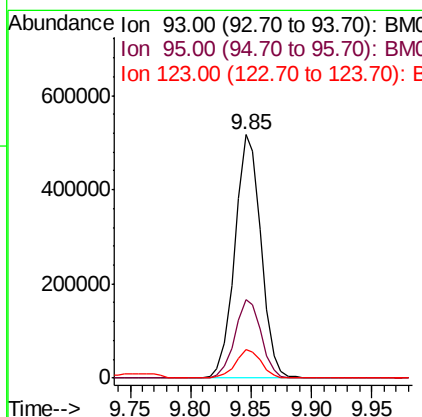
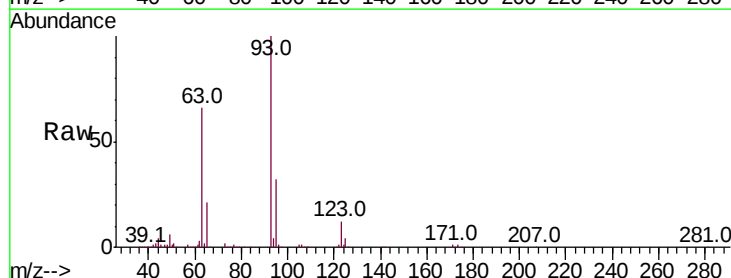
Manual Integrations
APPROVED

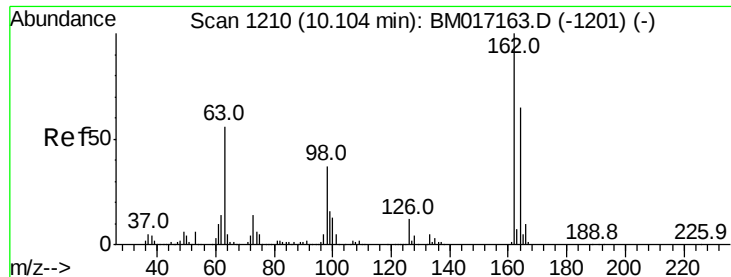
Sohil
10/30/2018 4:43:08 PM



#28
bis(2-Chloroethoxy)methane
Concen: 35.737 ng
RT: 9.85 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BM017413.D
Acq: 29 Oct 2018 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	781586		
95	32.5	25.7	38.5	
123	11.6	9.4	14.0	





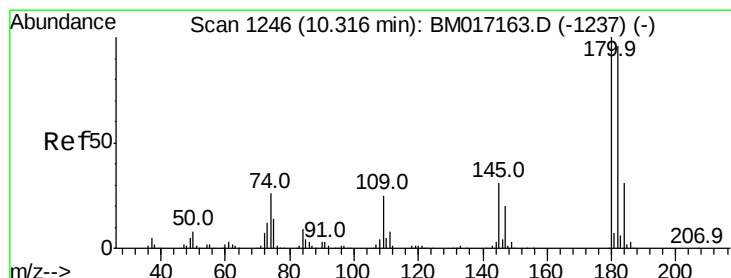
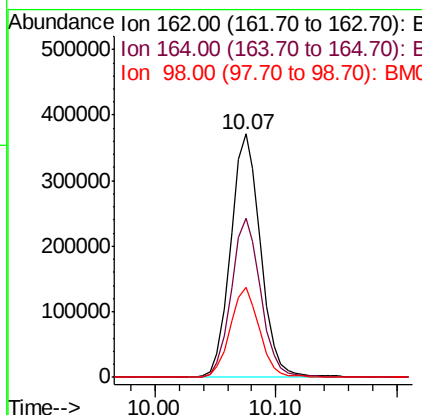
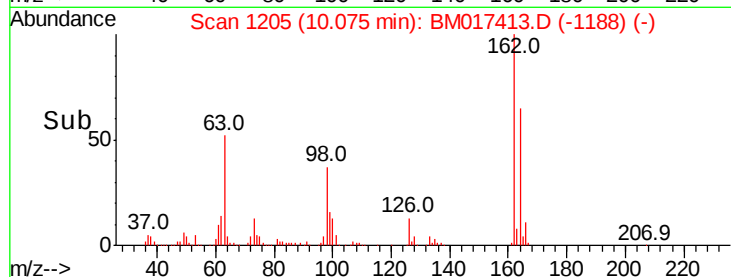
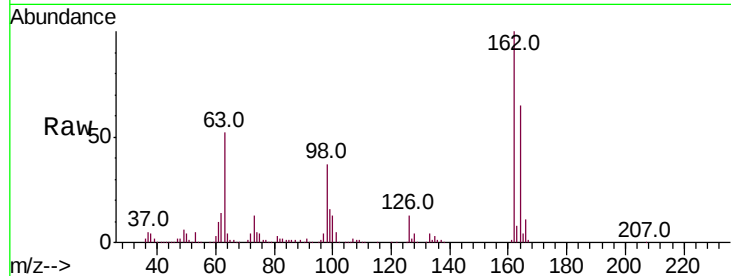
#29
2,4-Dichlorophenol
Concen: 40.096 ng
RT: 10.07 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BM017413.D
Acq: 29 Oct 2018 18:52

Instrument :
BNA_M
ClientSampled :
PB114250BSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.2	44.9	84.9
98	37.0	15.8	55.8

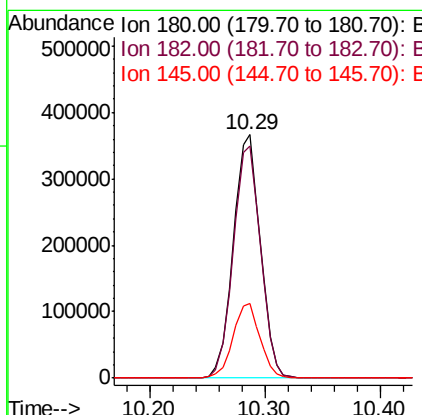
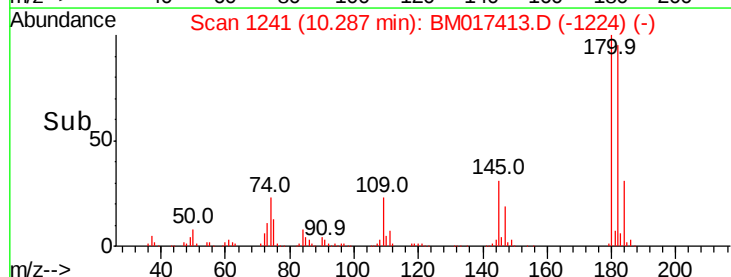
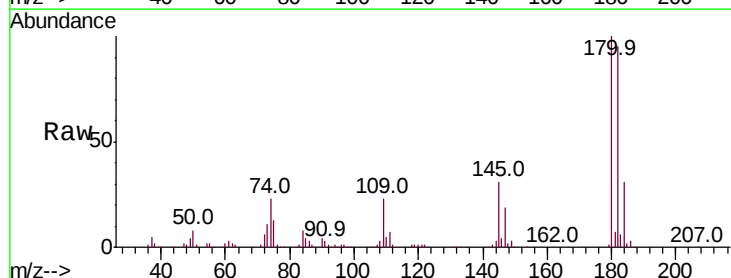
Manual Integrations
APPROVED

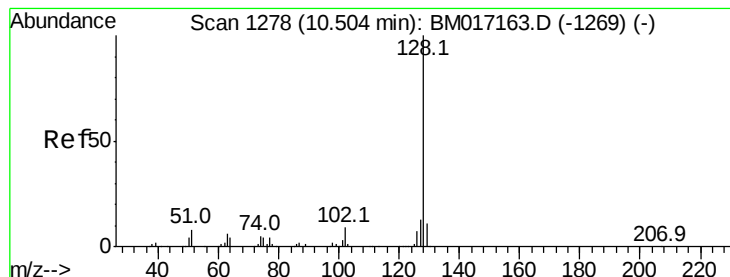
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 31.032 ng
RT: 10.29 min Scan# 1241
Delta R.T. -0.00 min
Lab File: BM017413.D
Acq: 29 Oct 2018 18:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	77.5	116.3
145	30.8	24.0	36.0





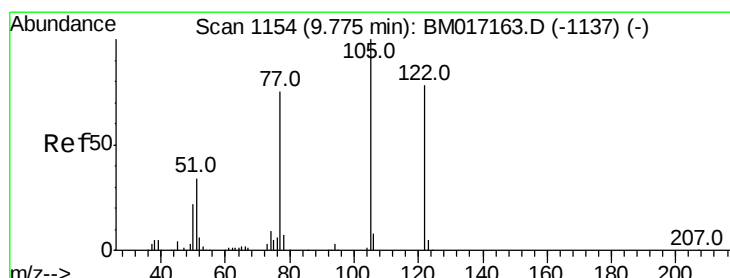
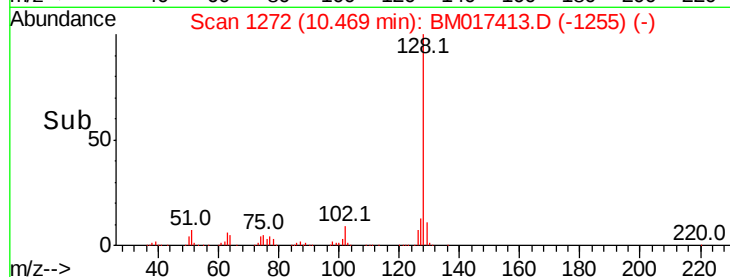
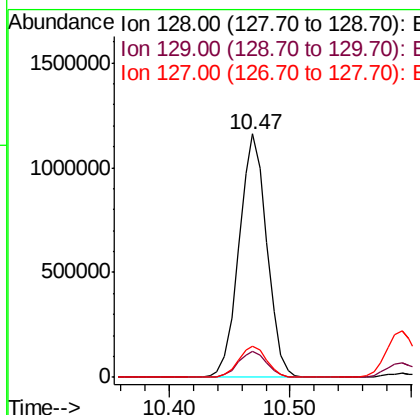
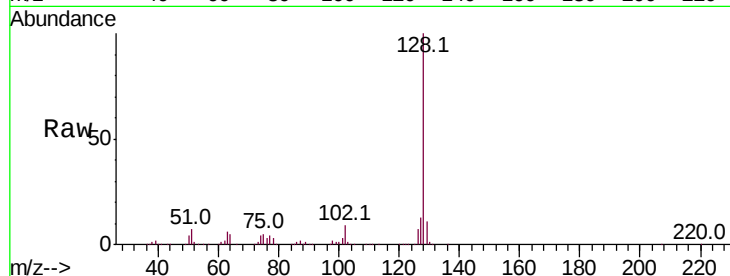
#31
Naphthalene
Concen: 34.538 ng
RT: 10.47 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BM017413.D
Acq: 29 Oct 2018 18:52

Instrument :
BNA_M
ClientSampleId :
PB114250BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.5	12.7
127	13.0	10.3	15.5

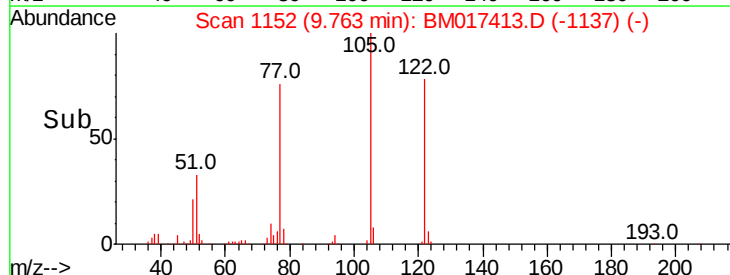
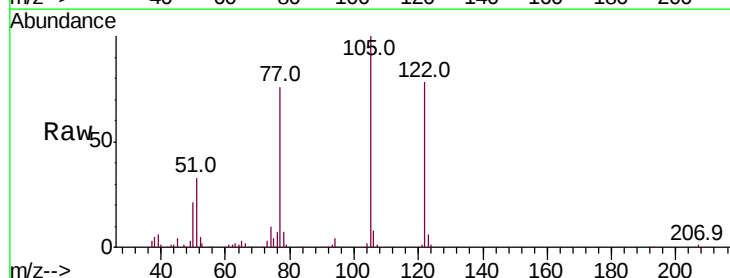
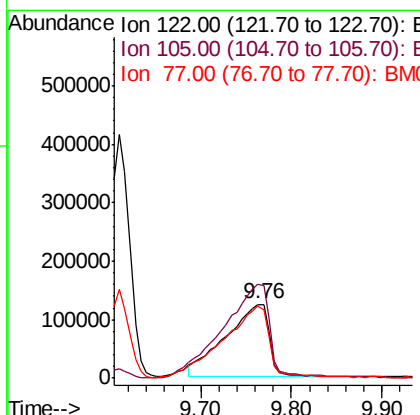
Manual Integrations
APPROVED

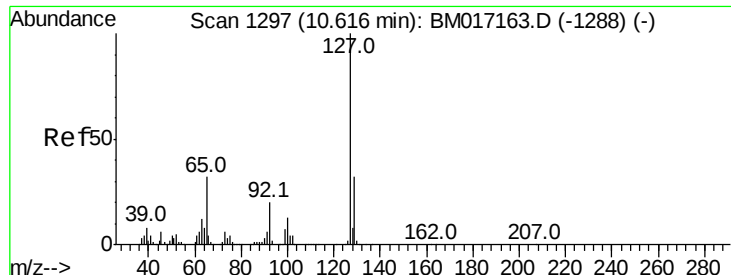
Sohil
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#32
Benzoic acid
Concen: 40.055 ng
RT: 9.76 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BM017413.D
Acq: 29 Oct 2018 18:52

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.7	102.0	142.0
77	97.5	67.7	107.7





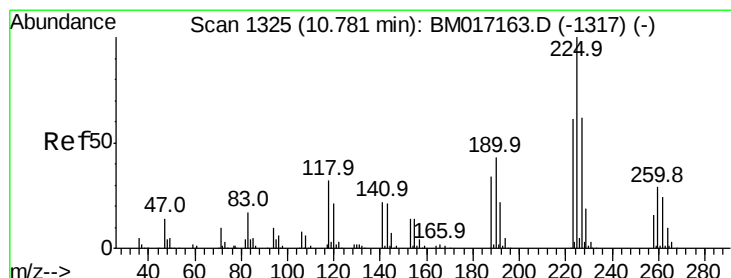
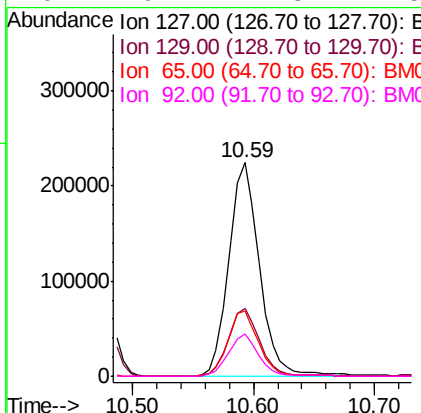
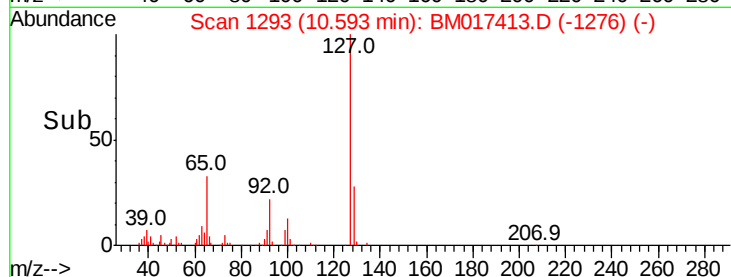
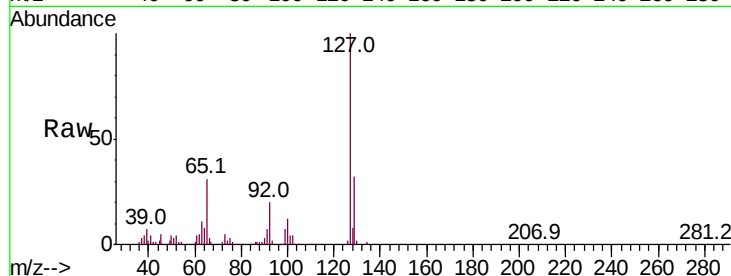
#33
4-Chloroaniline
Concen: 17.056 ng
RT: 10.59 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BM017413.D
Acq: 29 Oct 2018 18:52

Instrument :
BNA_M
ClientSampleId :
PB114250BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.6	26.2	39.4	
65	30.8	23.7	35.5	
92	20.1	14.3	21.5	

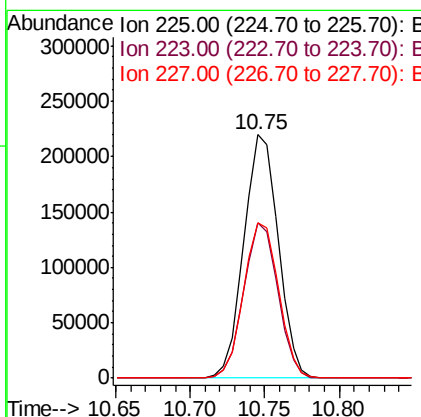
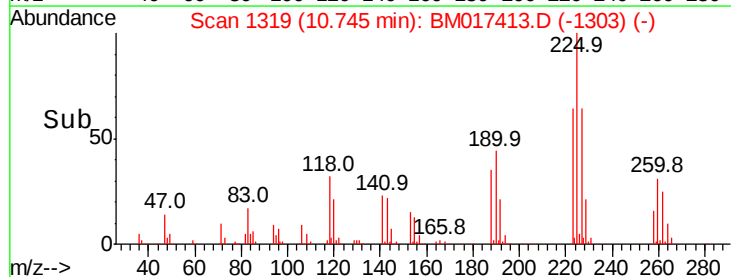
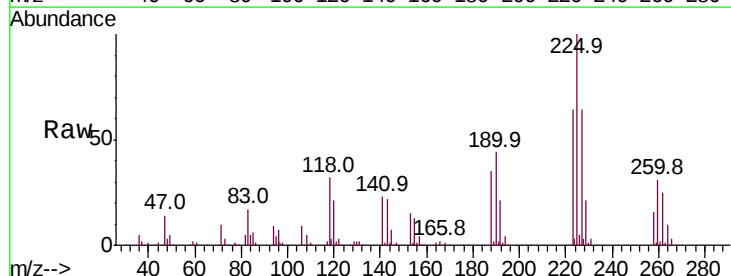
Manual Integrations
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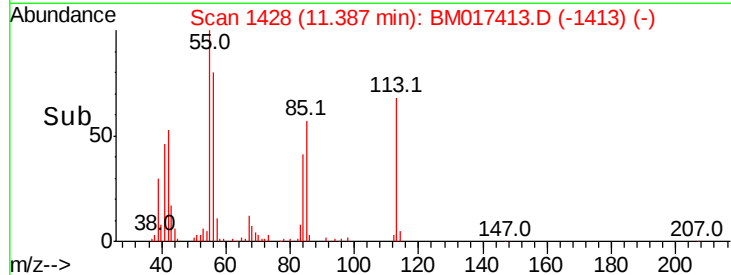
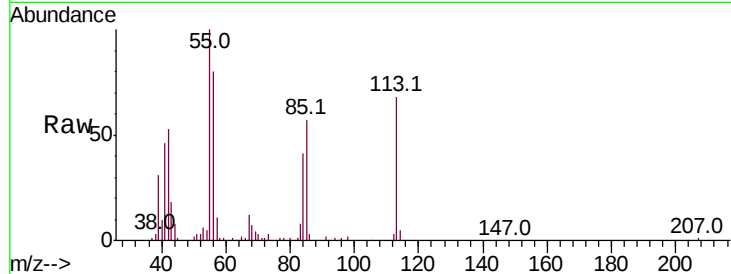
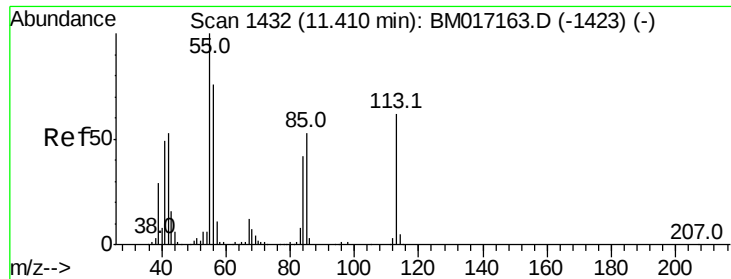
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#34
Hexachlorobutadiene
Concen: 28.920 ng
RT: 10.75 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BM017413.D
Acq: 29 Oct 2018 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.9	51.0	76.6	
227	64.0	50.8	76.2	





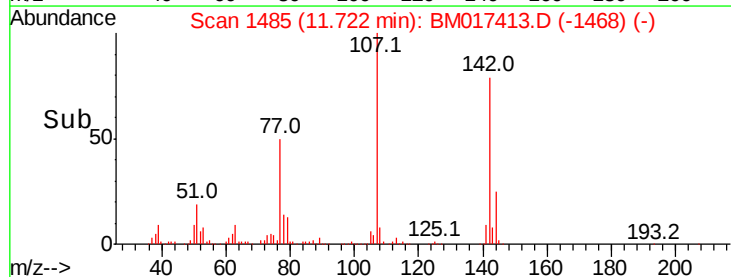
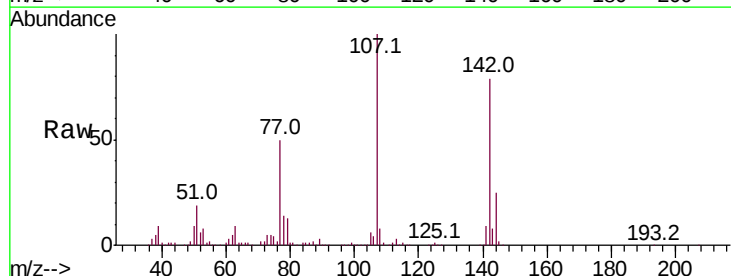
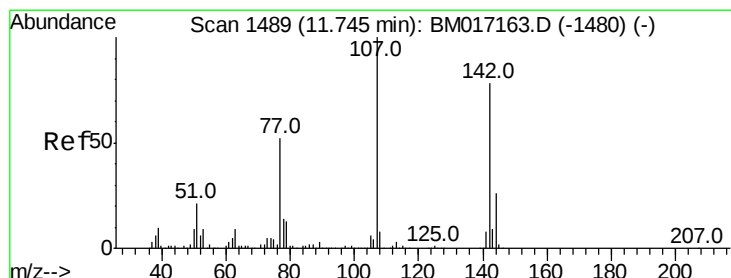
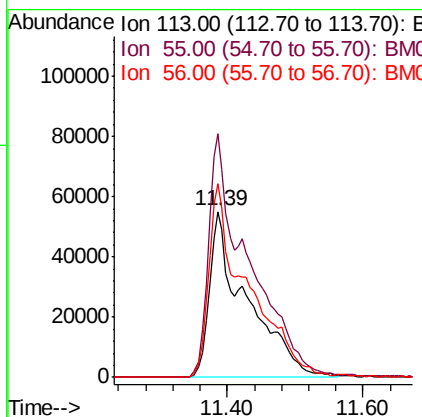
#35
Caprolactam
Concen: 36.224 ng/ml
RT: 11.39 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BM017413.D
Acq: 29 Oct 2018 18:52

Instrument :
BNA_M
ClientSampleID :
PB114250BSD

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	146.9	147.0	187.0	
56	116.9	104.5	144.5	

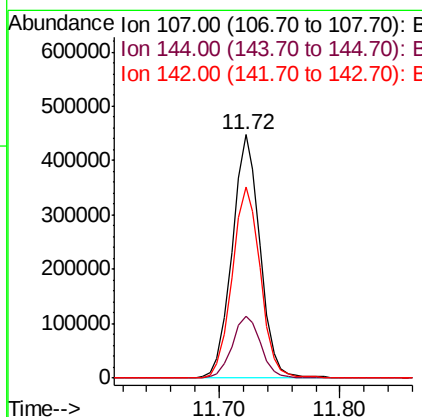
Manual Integrations
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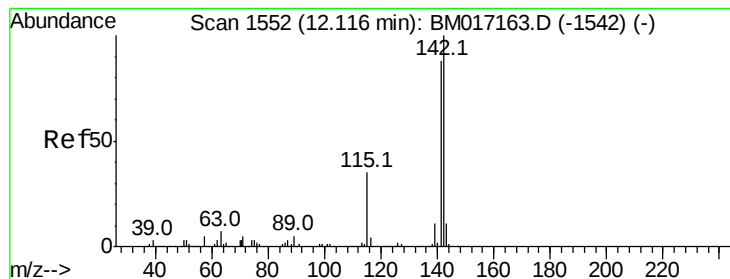
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#36
4-Chloro-3-methylphenol
Concen: 40.052 ng
RT: 11.72 min Scan# 1485
Delta R.T. -0.00 min
Lab File: BM017413.D
Acq: 29 Oct 2018 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	25.4	21.6	32.4	
142	78.6	66.0	99.0	





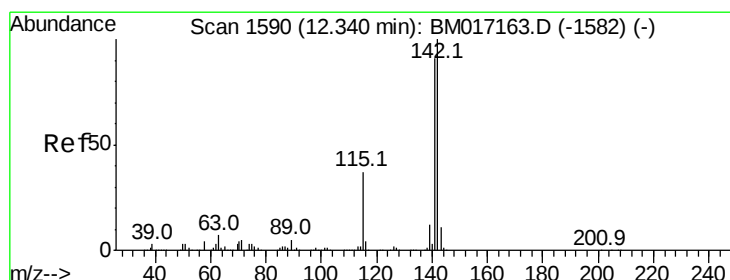
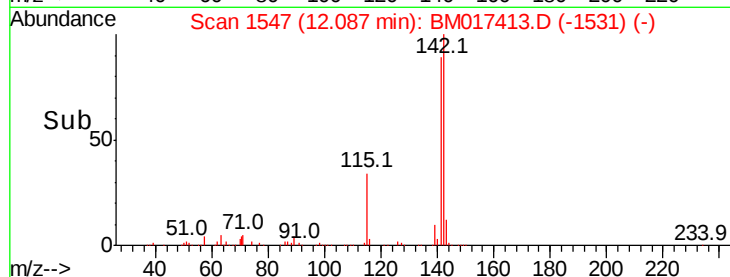
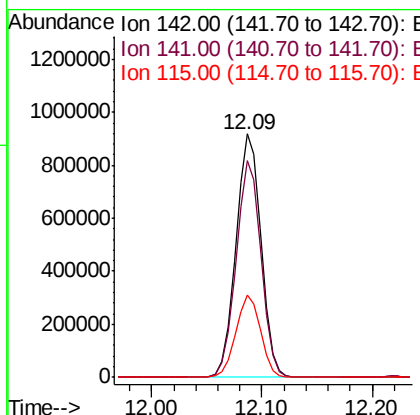
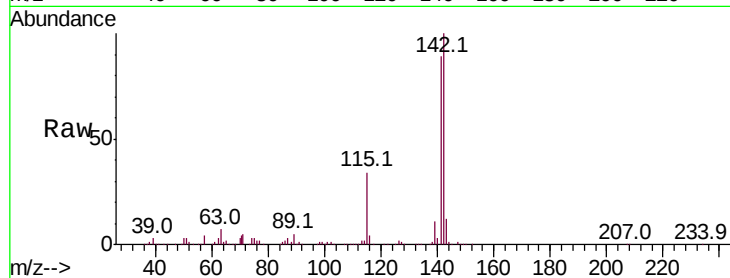
#37
2-Methylnaphthalene
Concen: 39.727 ng
RT: 12.09 min Scan# 1547
Delta R.T. -0.01 min
Lab File: BM017413.D
Acq: 29 Oct 2018 18:52

Instrument :
BNA_M
ClientSampleId :
PB114250BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.9	106.3
115	34.0	26.4	39.6

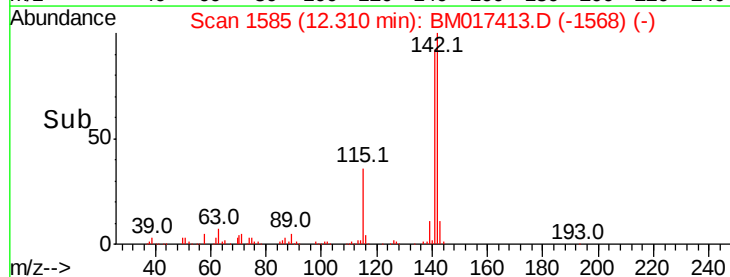
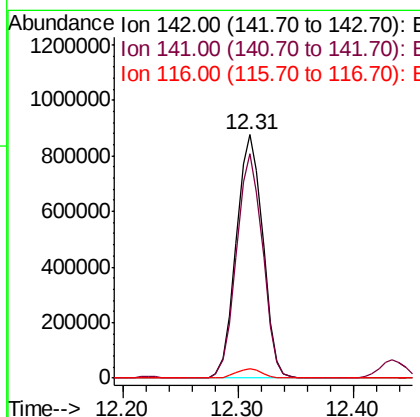
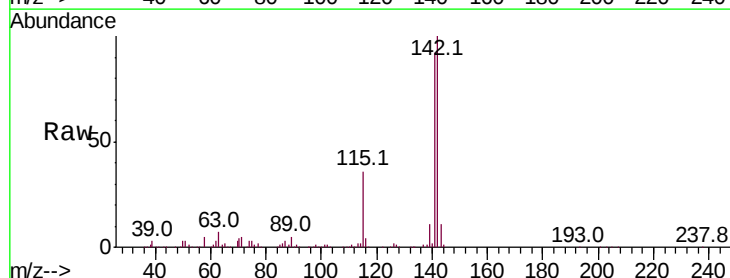
Manual Integrations
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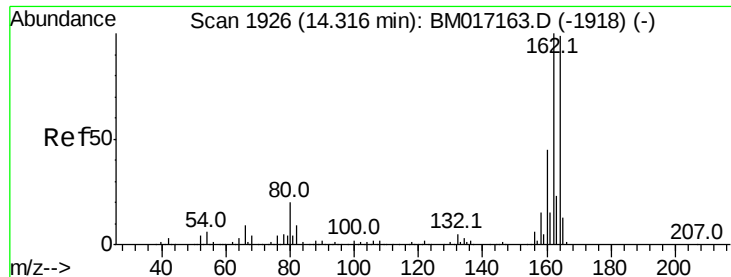
Sohil
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#38
1-Methylnaphthalene
Concen: 38.766 ng
RT: 12.31 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BM017413.D
Acq: 29 Oct 2018 18:52

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.2	73.8	110.6
116	3.7	2.9	4.3





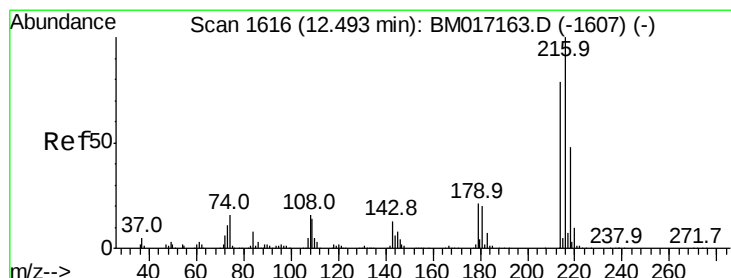
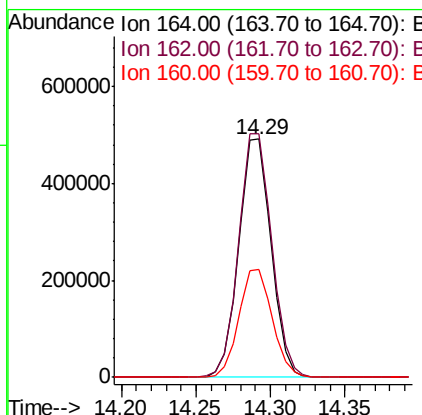
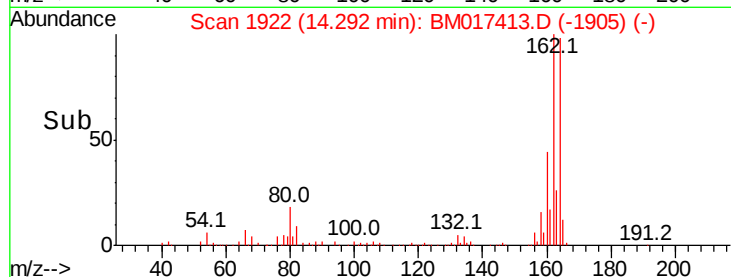
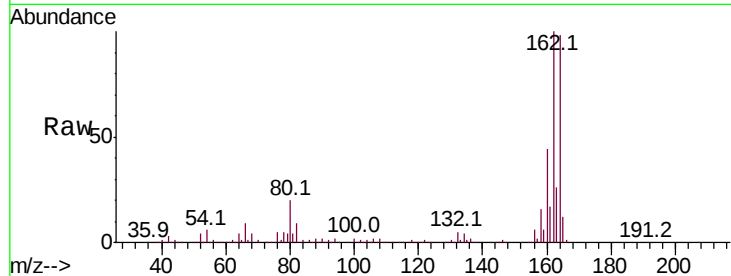
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.29 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: BM017413.D
 Acq: 29 Oct 2018 18:52

Instrument :
 BNA_M
 ClientSampleId :
 PB114250BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.1	123.1
160	45.3	40.2	60.2

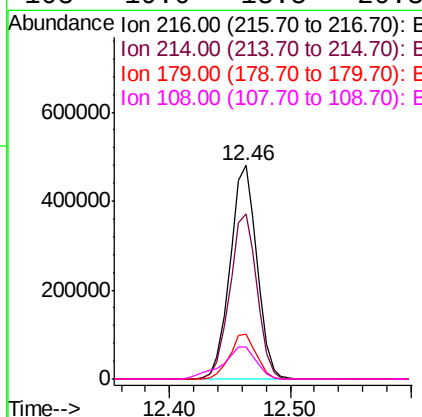
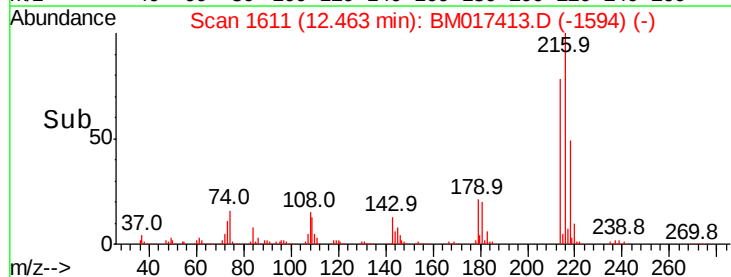
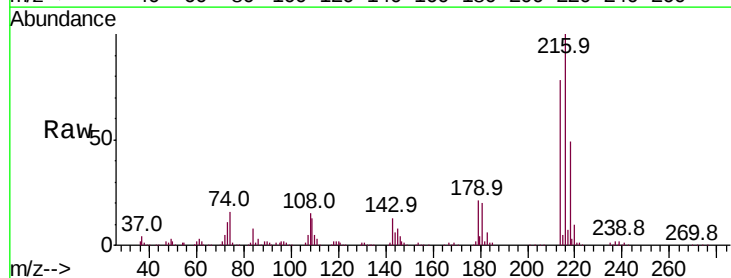
Manual Integrations
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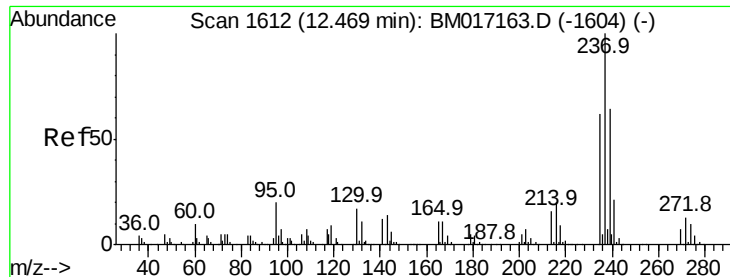
Sohil
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 28.445 ng
 RT: 12.46 min Scan# 1611
 Delta R.T. -0.00 min
 Lab File: BM017413.D
 Acq: 29 Oct 2018 18:52

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.2	62.6	93.8
179	20.9	16.6	24.8
108	19.0	13.5	20.3





#41

Hexachlorocyclopentadiene

Concen: 71.696 ng

RT: 12.43 min Scan# 1606

Delta R.T. -0.01 min

Lab File: BM017413.D

Acq: 29 Oct 2018 18:52

Instrument :

BNA_M

ClientSampleId :

PB114250BSD

Tot Ion:237 Resp: 902782
Ion Ratio Lower Upper

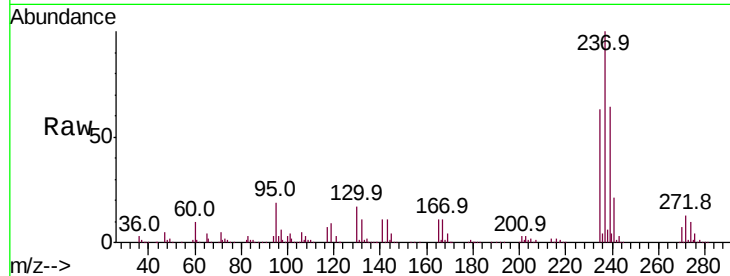
237 100

235 63.2 42.4 82.4

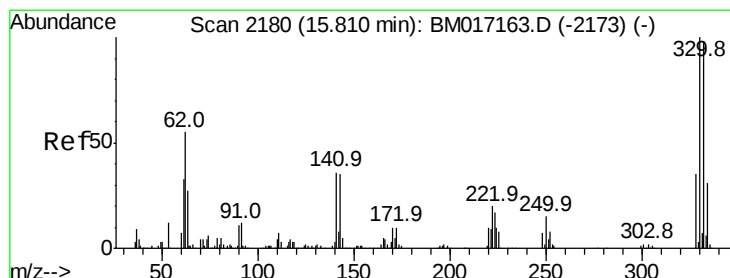
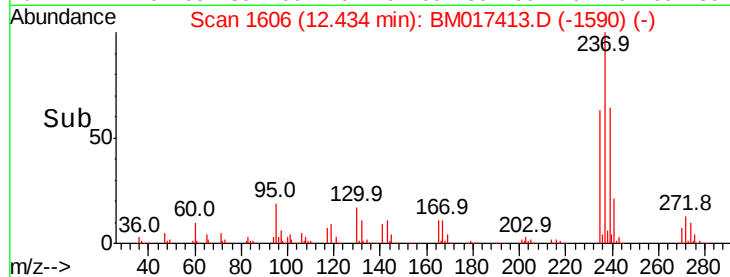
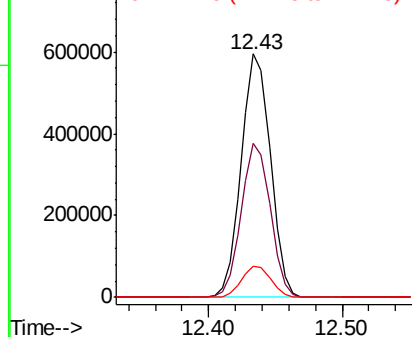
272 12.7 0.0 33.0

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



#42

2,4,6-Tribromophenol

Concen: 77.153 ng

RT: 15.79 min Scan# 2176

Delta R.T. -0.01 min

Lab File: BM017413.D

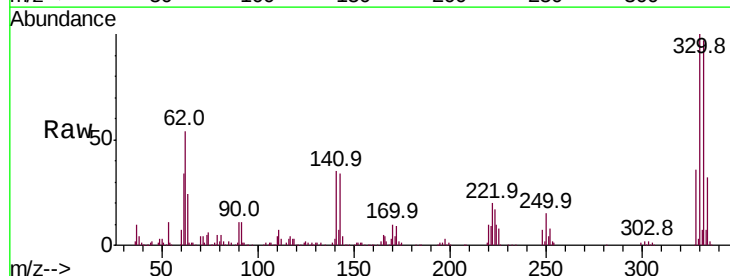
Acq: 29 Oct 2018 18:52

Tgt Ion:330 Resp: 771700
Ion Ratio Lower Upper

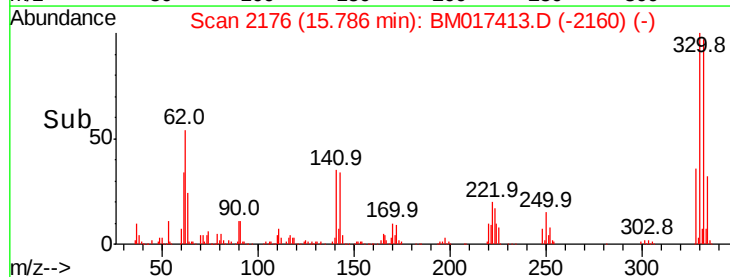
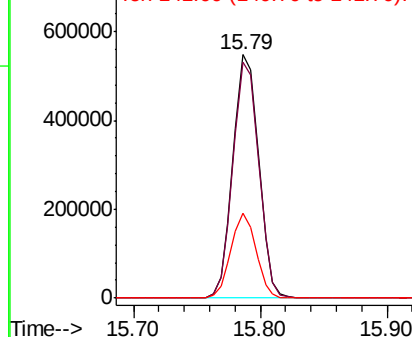
330 100

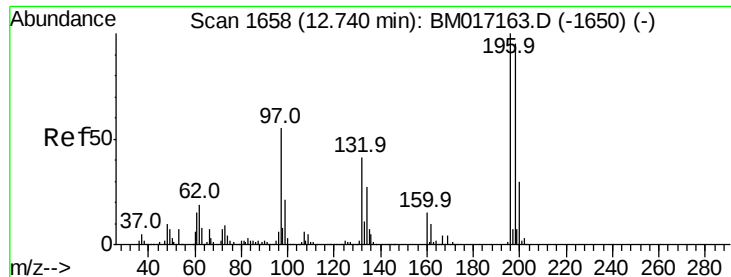
332 97.5 77.3 115.9

141 34.1 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





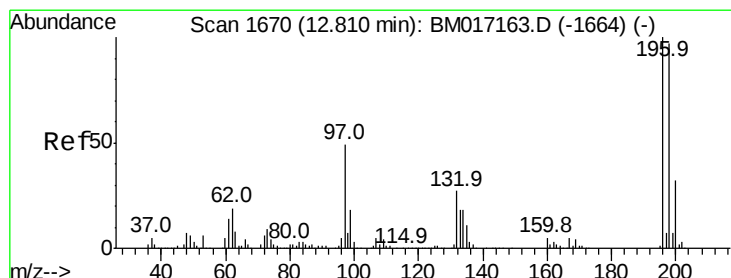
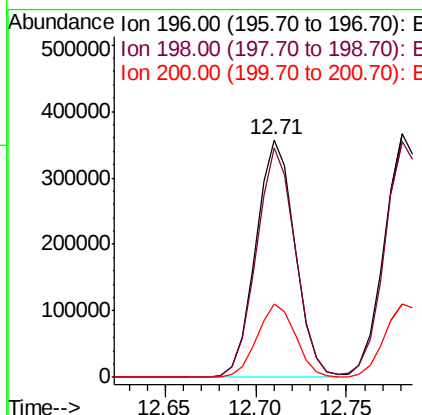
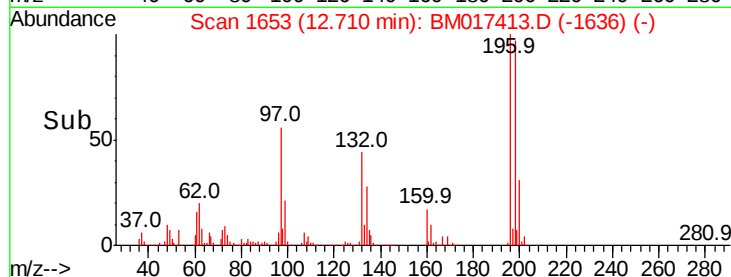
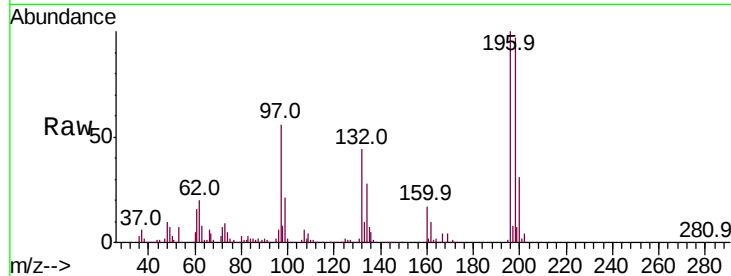
#43
 2,4,6-Trichlorophenol
 Concen: 35.432 ng
 RT: 12.71 min Scan# 1653
 Delta R.T. -0.00 min
 Lab File: BM017413.D
 Acq: 29 Oct 2018 18:52

Instrument :
 BNA_M
 ClientSampleId :
 PB114250BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	535735		
198	96.7	77.1	115.7	
200	31.1	25.0	37.4	

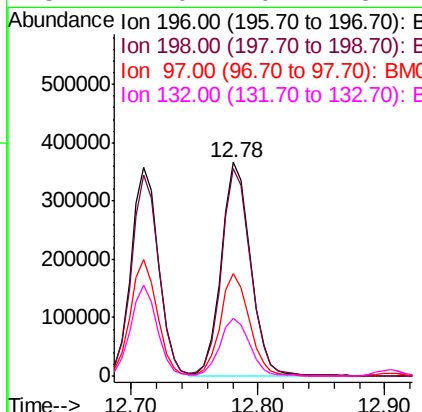
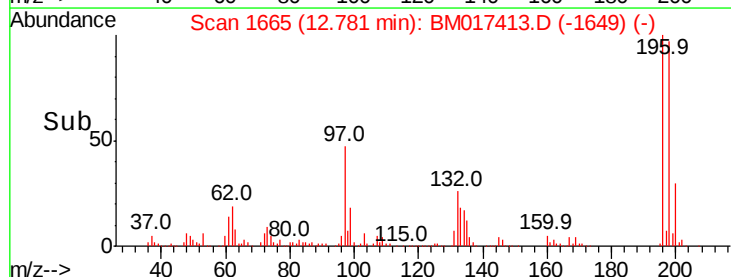
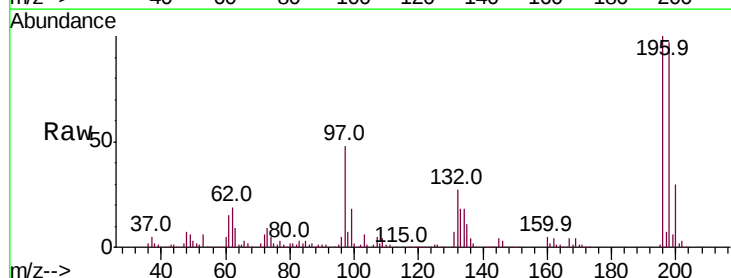
Manual Integrations
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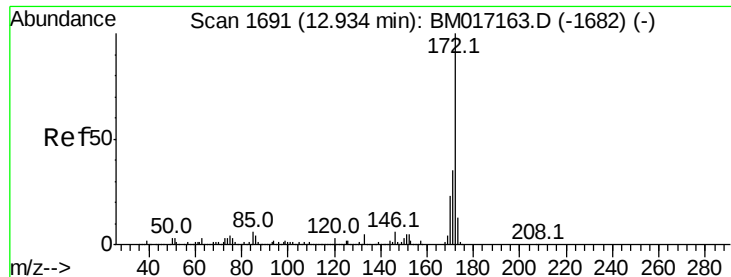
Sohil
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#44
 2,4,5-Trichlorophenol
 Concen: 35.848 ng
 RT: 12.78 min Scan# 1665
 Delta R.T. -0.01 min
 Lab File: BM017413.D
 Acq: 29 Oct 2018 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	581238		
198	96.9	76.6	115.0	
97	47.8	35.5	53.3	
132	27.0	20.7	31.1	





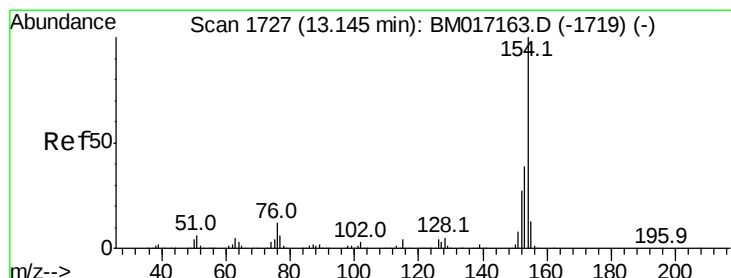
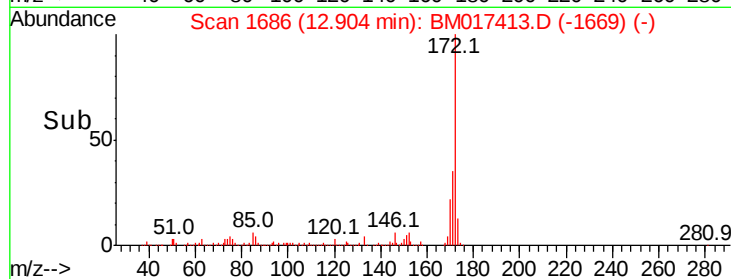
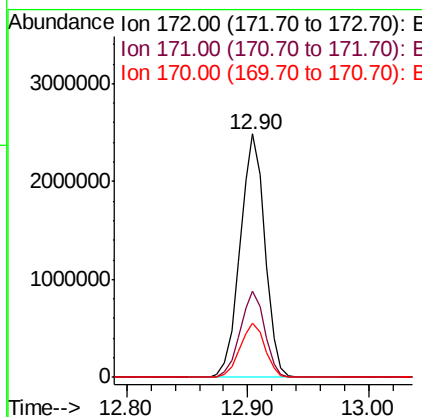
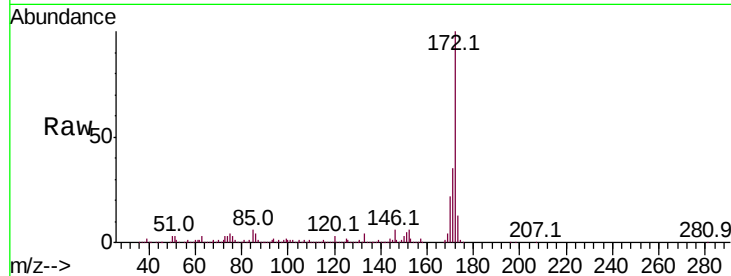
#45
2-Fluorobiphenyl
Concen: 63.971 ng
RT: 12.90 min Scan# 1686
Delta R.T. -0.00 min
Lab File: BM017413.D
Acq: 29 Oct 2018 18:52

Instrument :
BNA_M
ClientSampleId :
PB114250BSD

Tot Ion:172 Resp: 3555986
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 22.4 18.3 27.5

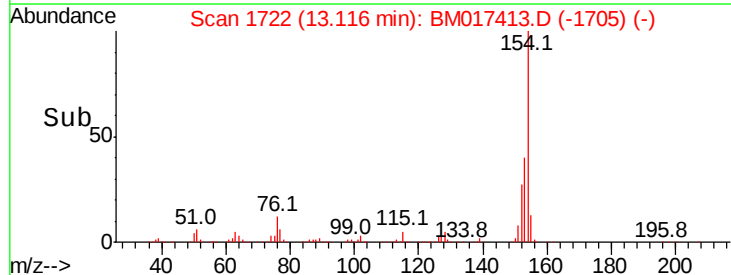
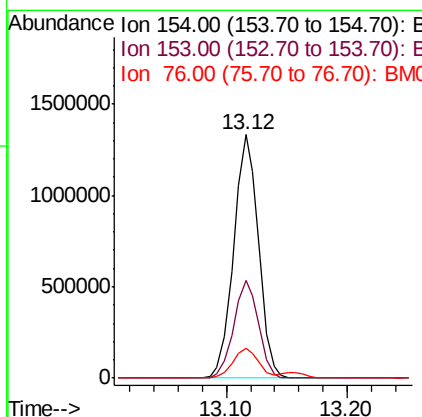
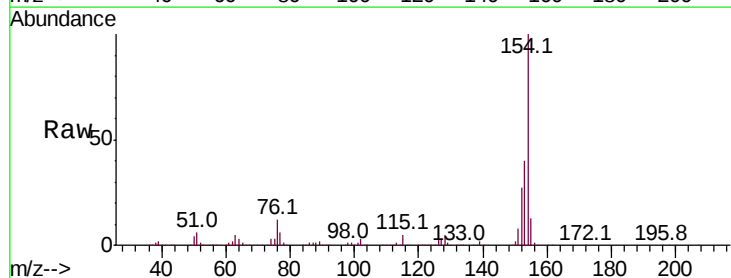
Manual Integrations
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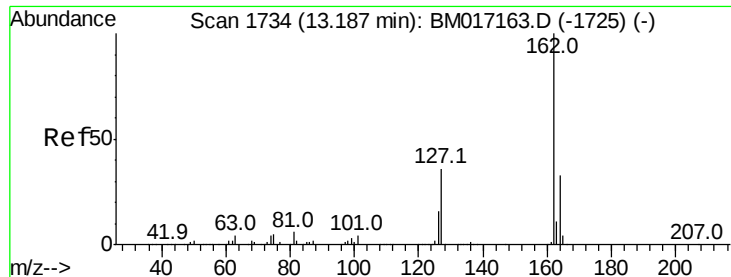
Sohil
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#46
1,1'-Biphenyl
Concen: 28.560 ng
RT: 13.12 min Scan# 1722
Delta R.T. -0.00 min
Lab File: BM017413.D
Acq: 29 Oct 2018 18:52

Tgt Ion:154 Resp: 1900876
Ion Ratio Lower Upper
154 100
153 40.4 20.5 60.5
76 12.5 0.0 31.8





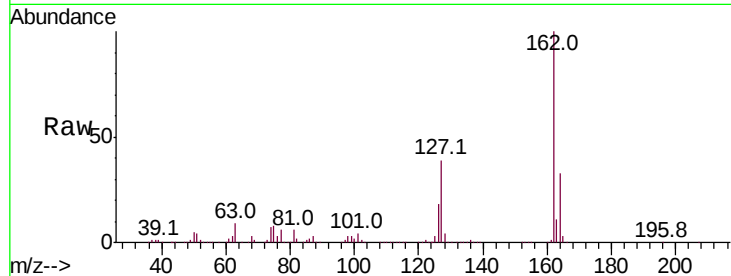
#47
2-Chloronaphthalene
Concen: 29.991 ng
RT: 13.16 min Scan# 1729
Delta R.T. -0.00 min
Lab File: BM017413.D
Acq: 29 Oct 2018 18:52

Instrument :
BNA_M
ClientSampleId :
PB114250BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.0	31.0	46.4
164	32.7	26.6	39.8

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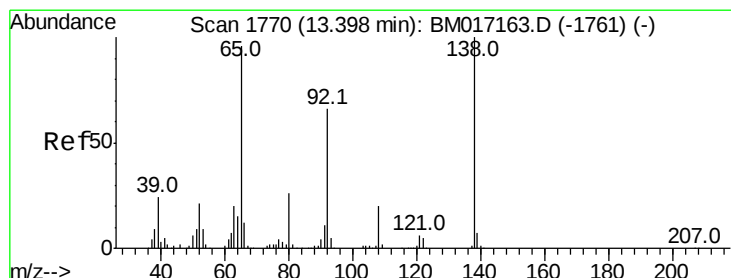
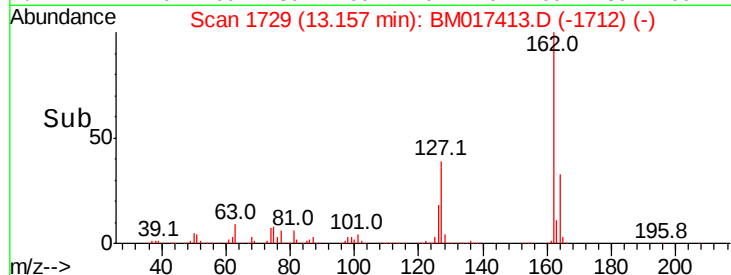
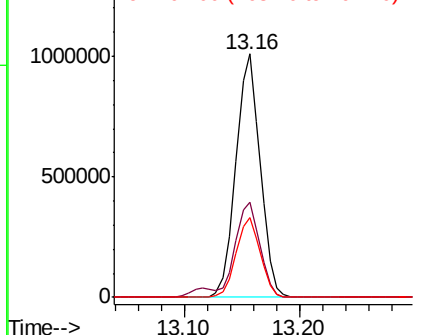


Abundance

Ion 162.00 (161.70 to 162.70): E

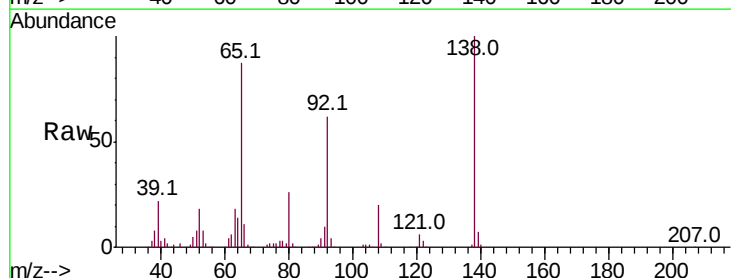
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 34.742 ng
RT: 13.37 min Scan# 1766
Delta R.T. -0.00 min
Lab File: BM017413.D
Acq: 29 Oct 2018 18:52

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.4	54.9	82.3
138	115.0	83.7	125.5

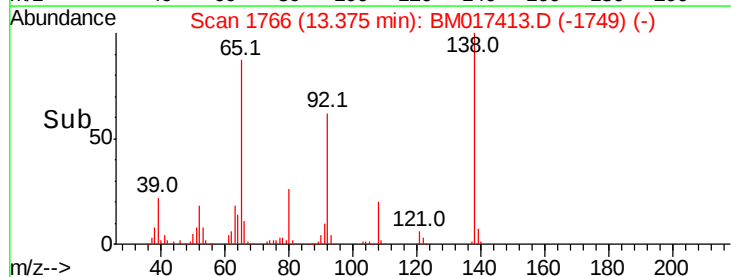
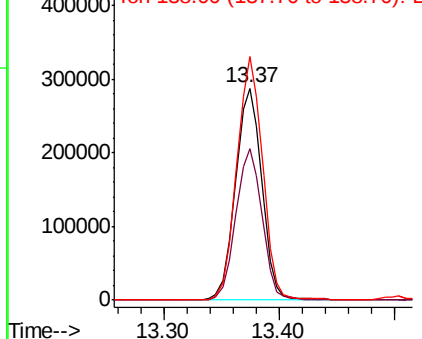


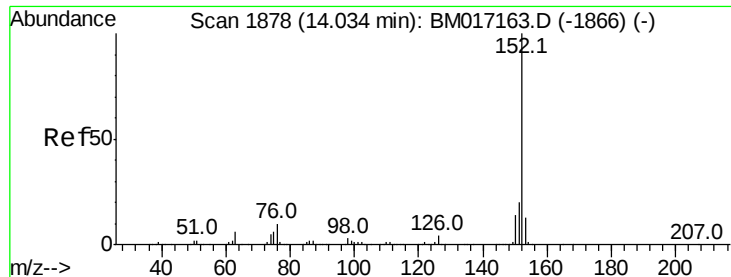
Abundance

Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 37.083 ng

RT: 14.01 min Scan# 1874

Delta R.T. -0.00 min

Lab File: BM017413.D

Acq: 29 Oct 2018 18:52

Instrument :

BNA_M

ClientSampleId :

PB114250BSD

Tot Ion:152 Resp: 2631940

Ion Ratio Lower Upper

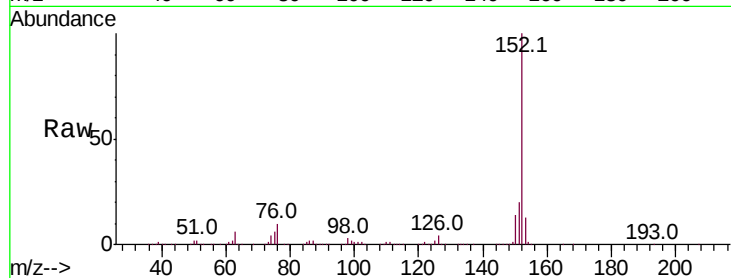
152 100

151 19.7 16.0 24.0

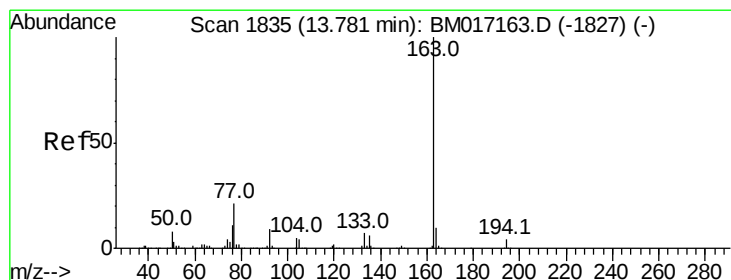
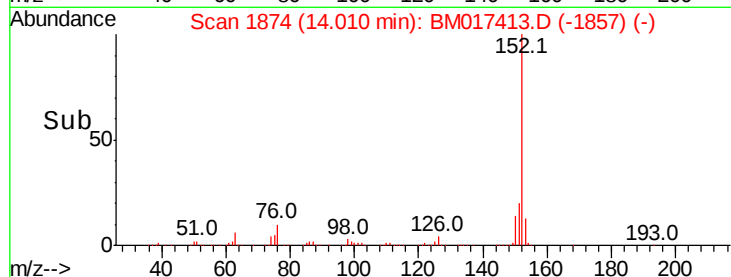
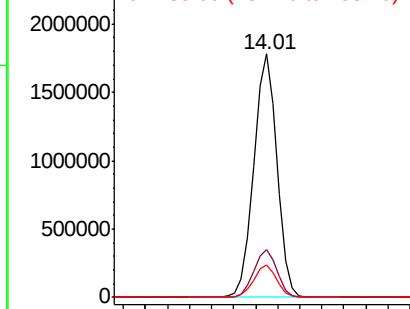
153 13.1 10.4 15.6

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 34.542 ng

RT: 13.76 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BM017413.D

Acq: 29 Oct 2018 18:52

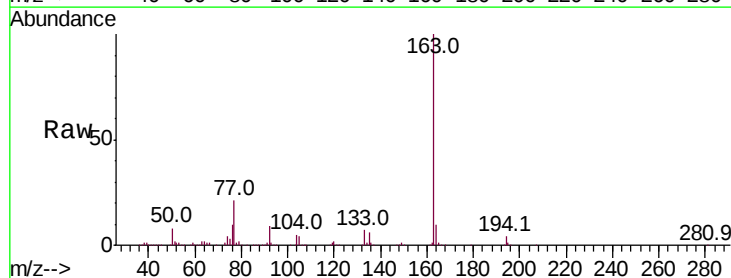
Tgt Ion:163 Resp: 1971023

Ion Ratio Lower Upper

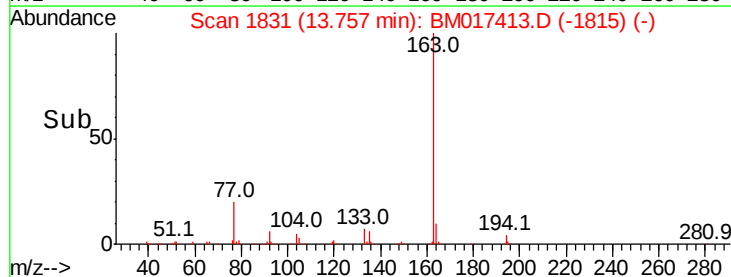
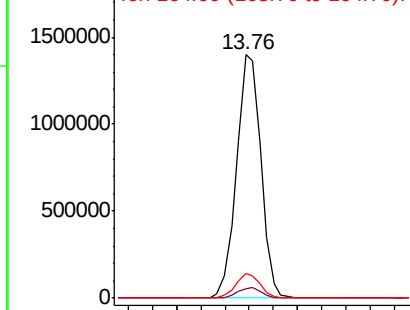
163 100

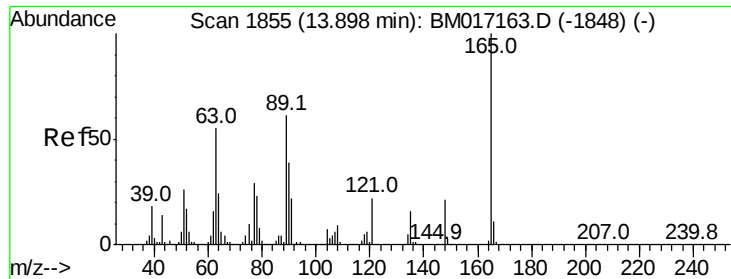
194 4.0 3.3 4.9

164 9.9 7.8 11.8



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





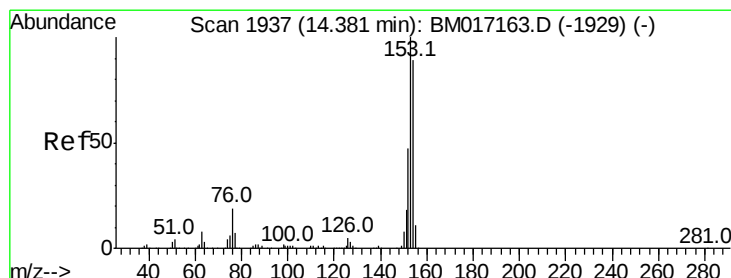
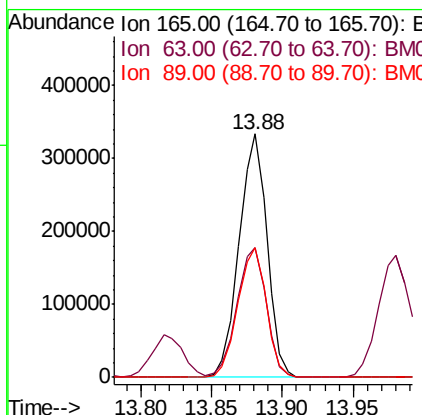
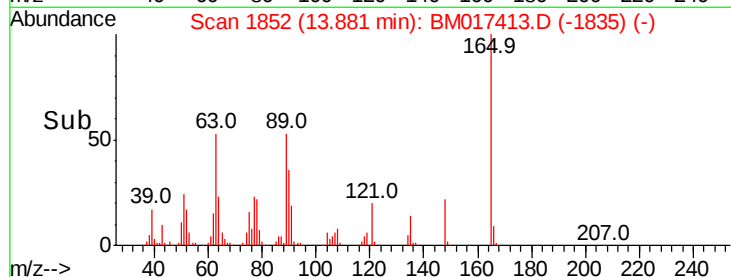
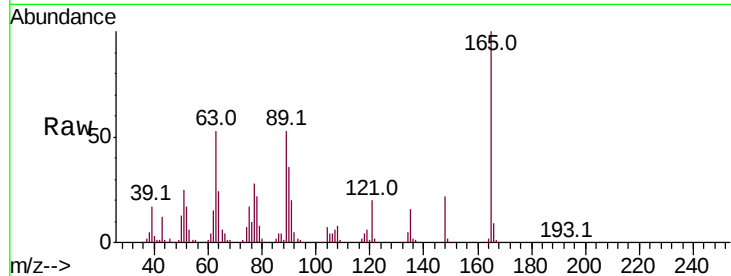
#51
2,6-Dinitrotoluene
Concen: 36.761 ng
RT: 13.88 min Scan# 1852
Delta R.T. -0.00 min
Lab File: BM017413.D
Acq: 29 Oct 2018 18:52

Instrument :
BNA_M
ClientSampleId :
PB114250BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	461681		
63	53.5	42.7	64.1	
89	53.3	42.1	63.1	

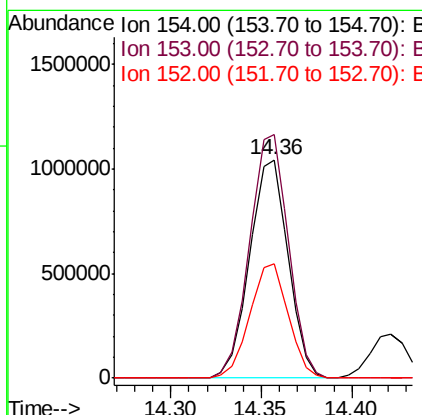
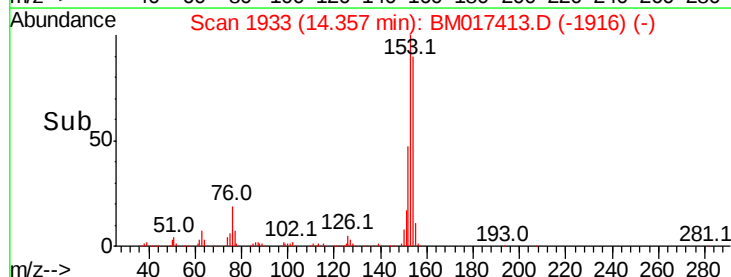
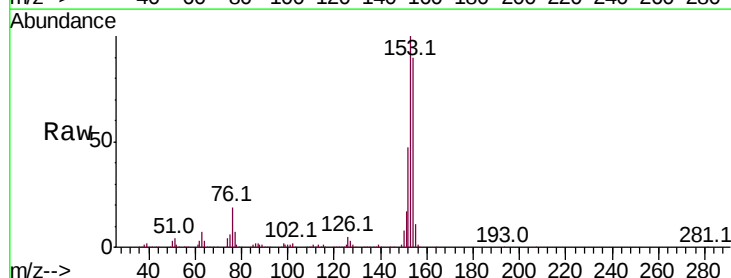
Manual Integrations
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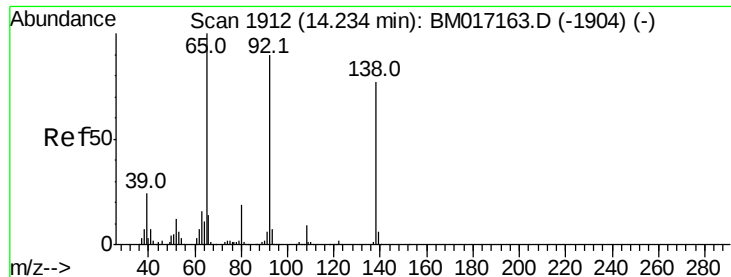
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#52
Acenaphthene
Concen: 34.598 ng
RT: 14.36 min Scan# 1933
Delta R.T. -0.00 min
Lab File: BM017413.D
Acq: 29 Oct 2018 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1541801		
153	111.5	90.2	135.2	
152	52.3	44.2	66.4	





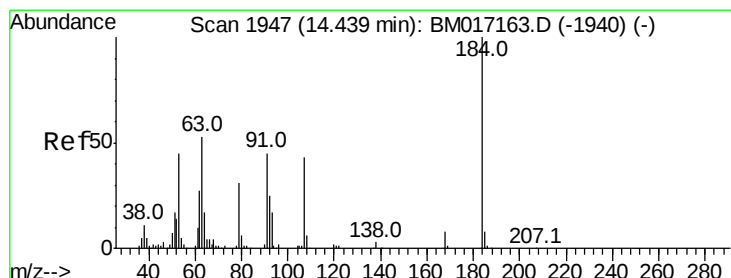
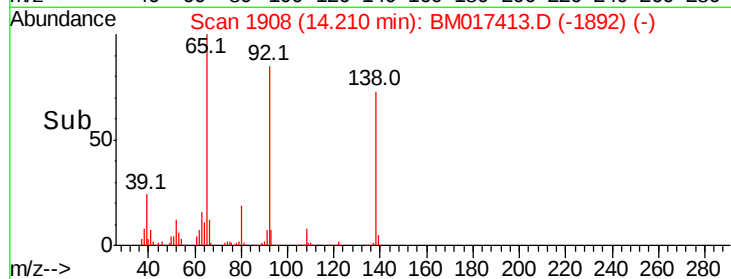
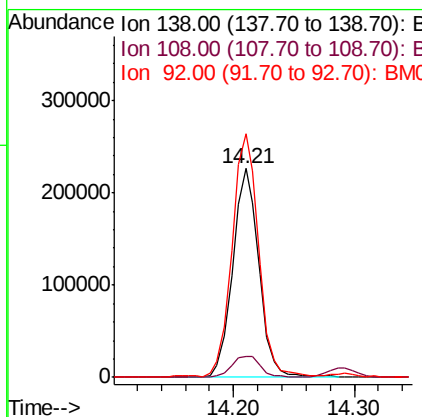
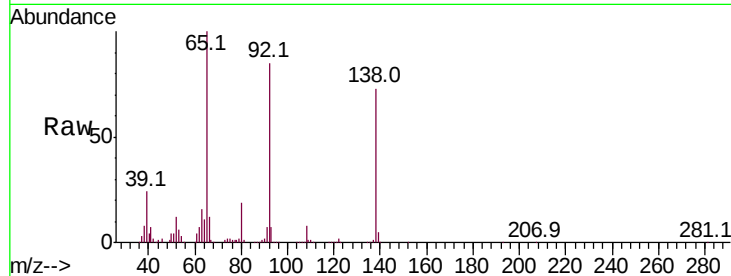
#53
3-Nitroaniline
Concen: 25.111 ng
RT: 14.21 min Scan# 1908
Delta R.T. -0.01 min
Lab File: BM017413.D
Acq: 29 Oct 2018 18:52

Instrument :
BNA_M
ClientSampleId :
PB114250BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.3	8.7	13.1
92	116.6	87.9	131.9

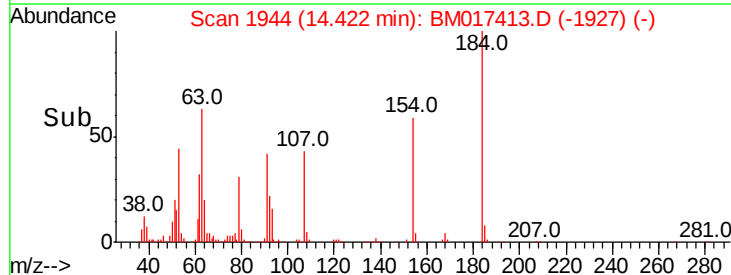
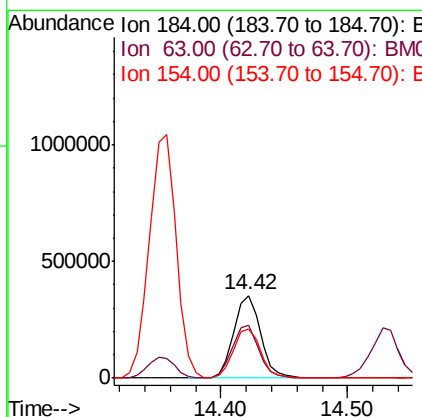
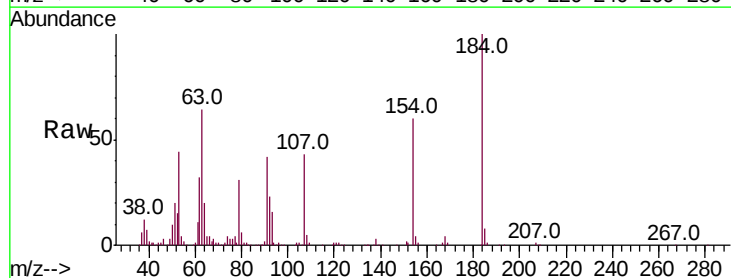
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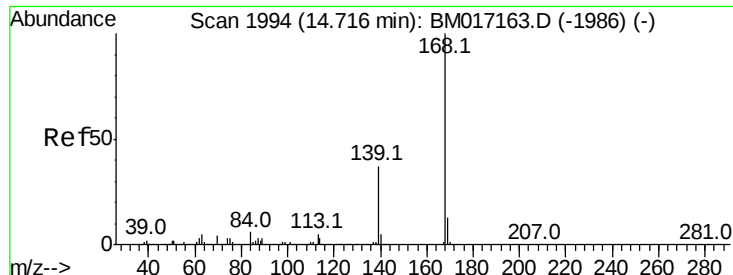
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#54
2,4-Dinitrophenol
Concen: 71.186 ng
RT: 14.42 min Scan# 1944
Delta R.T. -0.00 min
Lab File: BM017413.D
Acq: 29 Oct 2018 18:52

Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.6	51.2	76.8
154	59.8	47.8	71.8





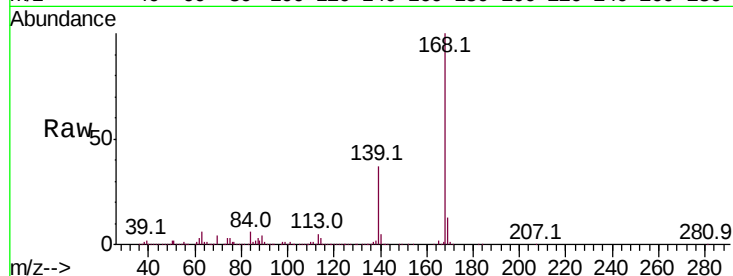
#55
Dibenzofuran
Concen: 33.798 ng
RT: 14.69 min Scan# 1990
Delta R.T. -0.00 min
Lab File: BM017413.D
Acq: 29 Oct 2018 18:52

Instrument :
BNA_M
ClientSampleId :
PB114250BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.9	29.3	43.9
169	13.3	10.6	15.8

Manual Integrations
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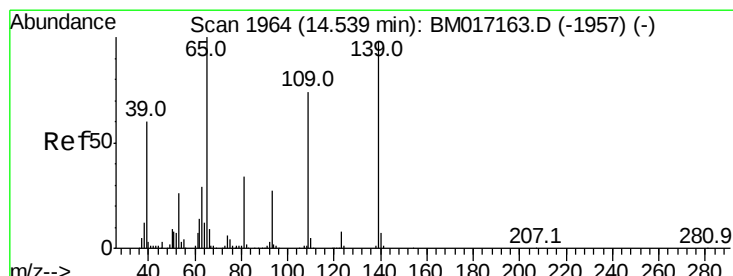
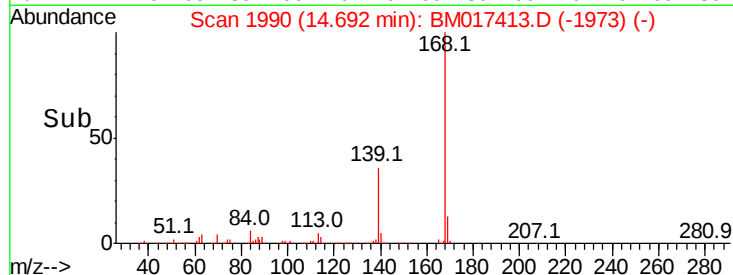
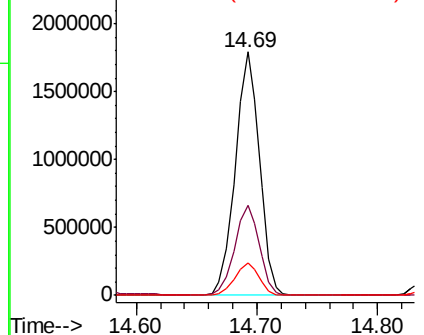


Abundance

Ion 168.00 (167.70 to 168.70): E

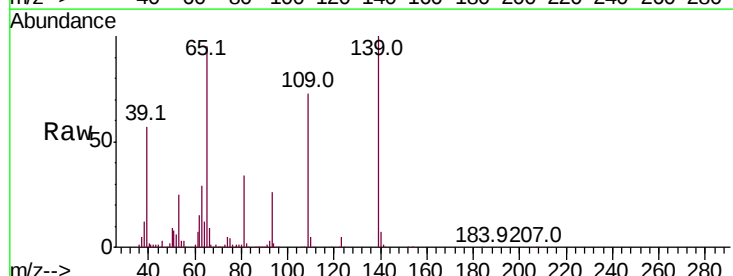
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 92.032 ng
RT: 14.53 min Scan# 1963
Delta R.T. 0.01 min
Lab File: BM017413.D
Acq: 29 Oct 2018 18:52

Tgt Ion	Ratio	Lower	Upper
139	100		
109	72.7	51.8	91.8
65	95.0	72.1	112.1

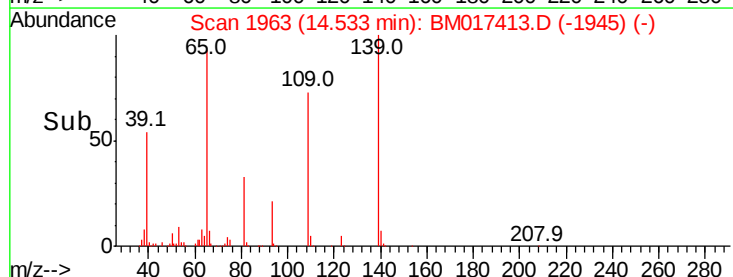
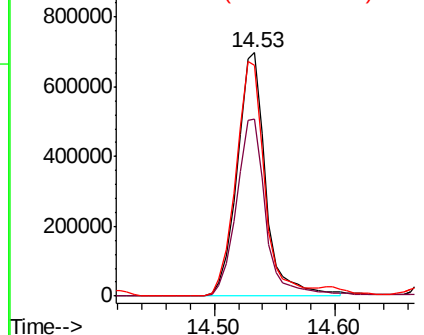


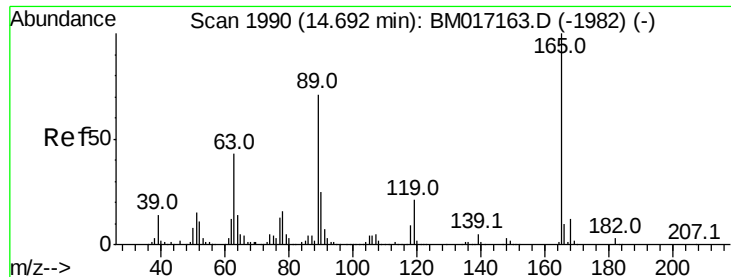
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E





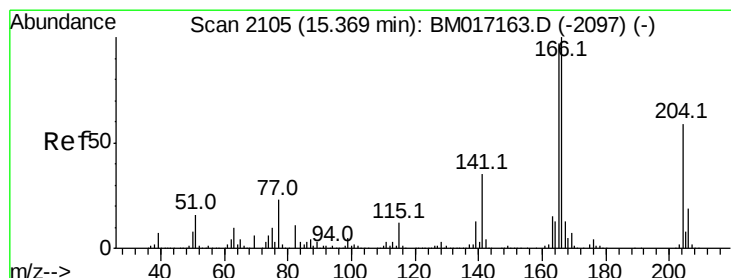
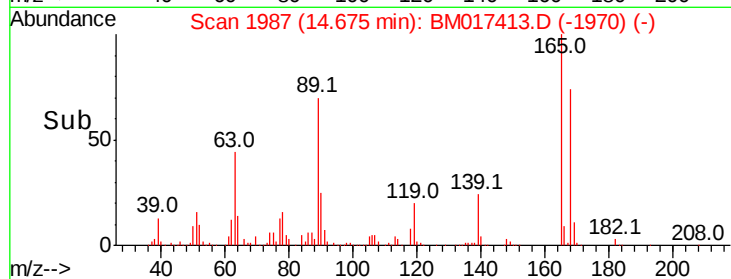
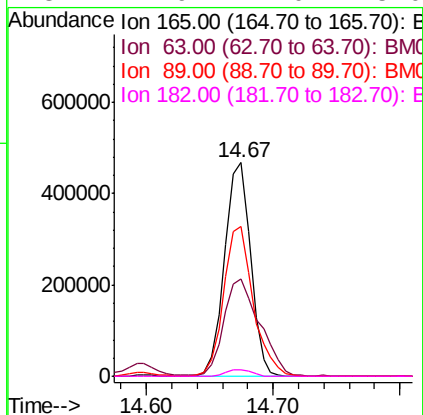
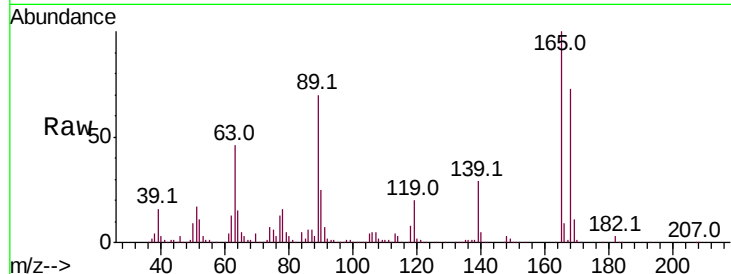
#57
2,4-Dinitrotoluene
Concen: 39.291 ng
RT: 14.67 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BM017413.D
Acq: 29 Oct 2018 18:52

Instrument :
BNA_M
ClientSampleId :
PB114250BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	663226		
63	45.5	33.8	50.8	
89	70.0	53.1	79.7	
182	2.9	2.0	3.0	

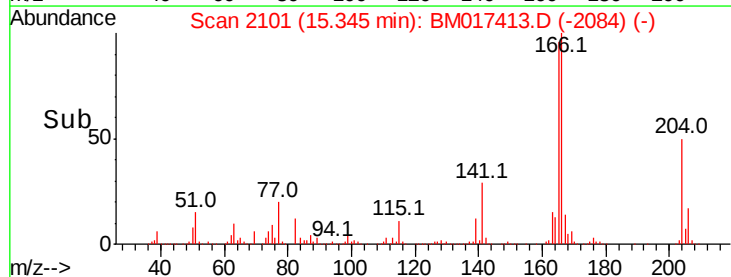
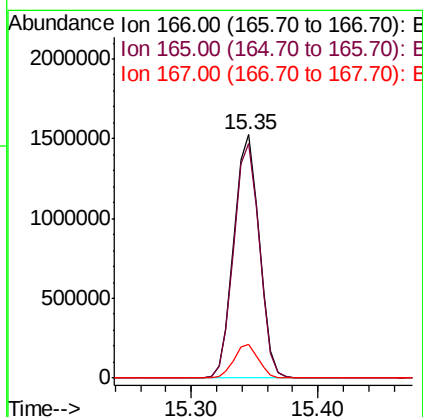
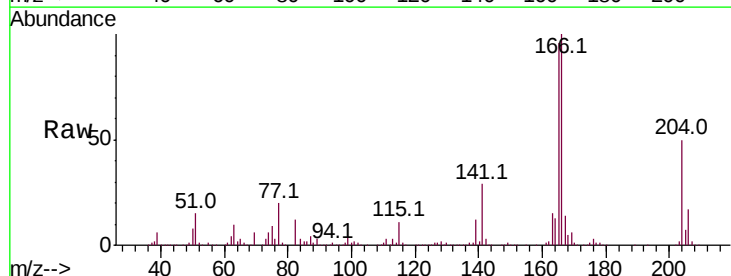
Manual Integrations
APPROVED

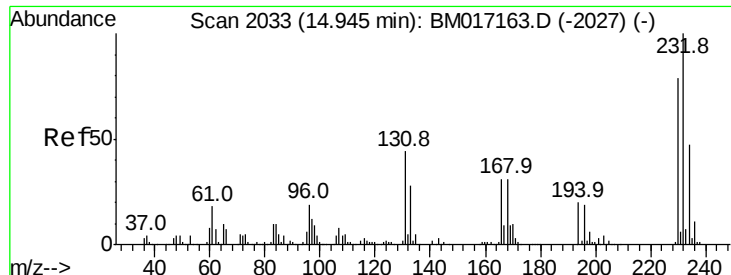
Sohil
10/30/2018 4:43:08 PM



#58
Fluorene
Concen: 38.392 ng
RT: 15.35 min Scan# 2101
Delta R.T. -0.00 min
Lab File: BM017413.D
Acq: 29 Oct 2018 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	2105876		
165	96.5	78.1	117.1	
167	13.7	10.6	16.0	





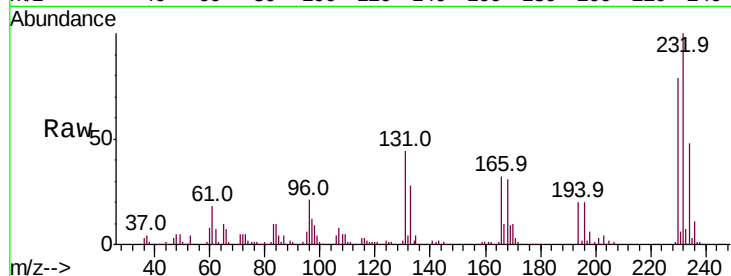
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.940 ng
 RT: 14.92 min Scan# 2029
 Delta R.T. -0.00 min
 Lab File: BM017413.D
 Acq: 29 Oct 2018 18:52

Instrument :
 BNA_M
 ClientSampleId :
 PB114250BSD

Tot Ion	Ratio	Resp Lower	Upper
232	100		
131	43.8	33.1	49.7
130	2.4	1.7	2.5
166	30.9	24.4	36.6

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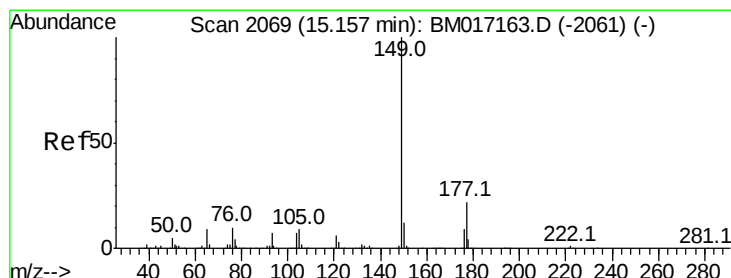
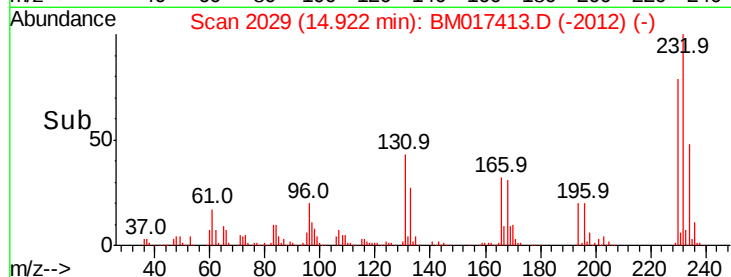
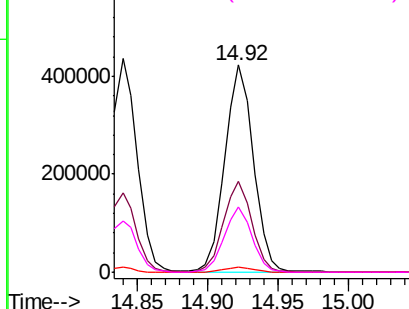
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

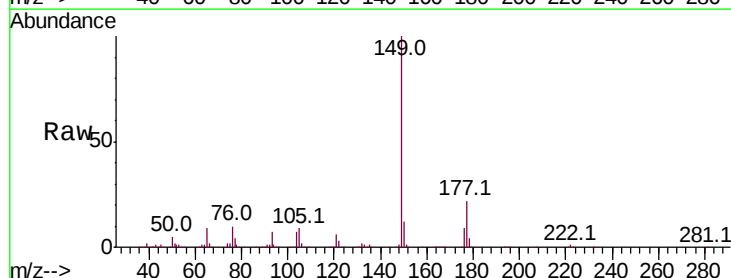
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 37.055 ng
 RT: 15.13 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: BM017413.D
 Acq: 29 Oct 2018 18:52

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	22.2	17.7	26.5
150	12.0	10.0	15.0

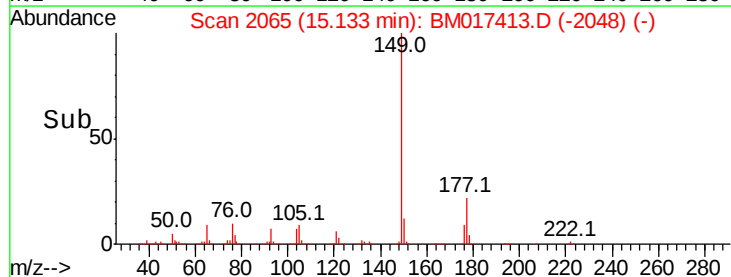
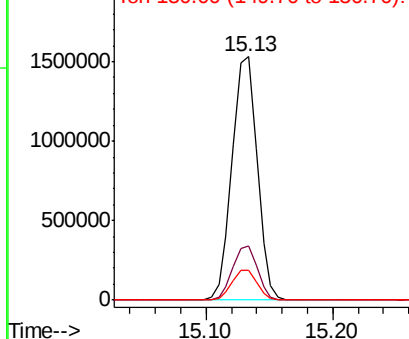


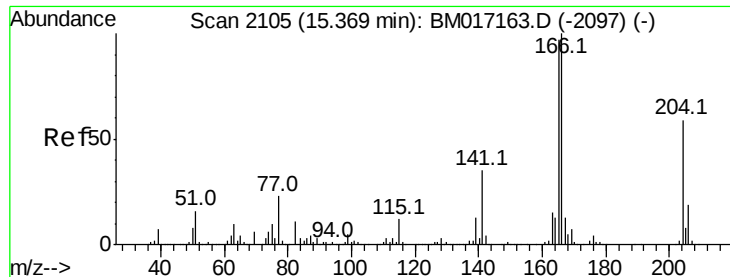
Abundance

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





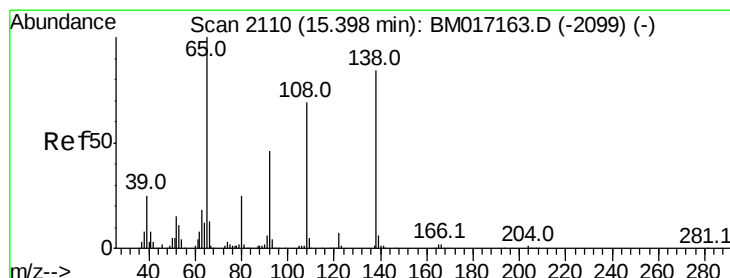
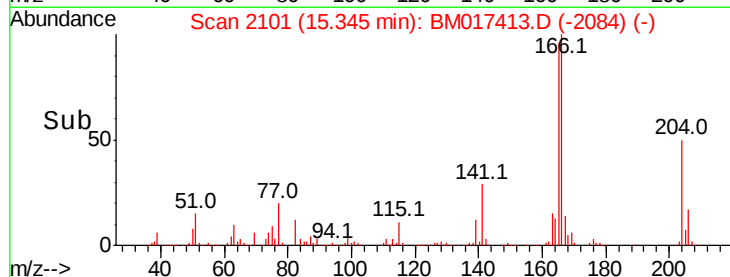
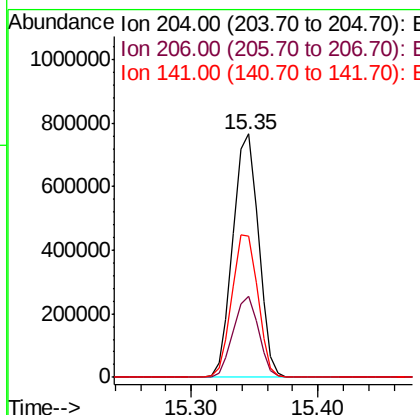
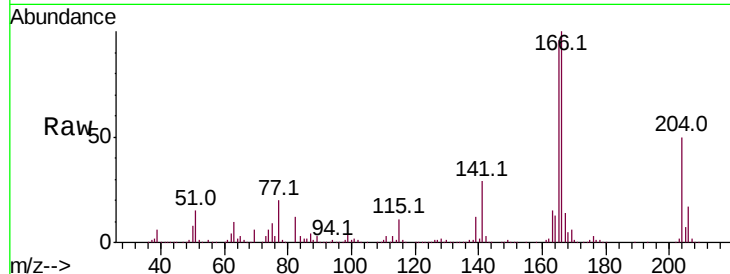
#61
 4-Chlorophenyl-phenylether
 Concen: 34.097 ng
 RT: 15.35 min Scan# 2101
 Delta R.T. -0.00 min
 Lab File: BM017413.D
 Acq: 29 Oct 2018 18:52

Instrument :
 BNA_M
 ClientSampleId :
 PB114250BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.1	39.1
141	58.1	45.4	68.2

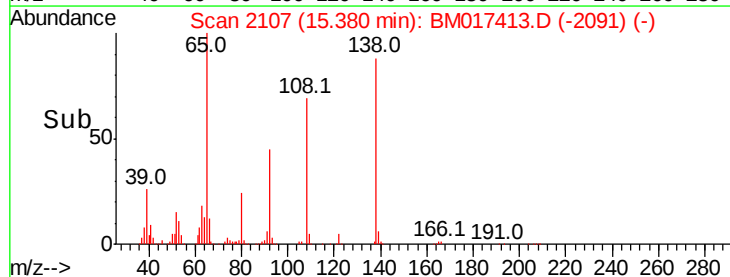
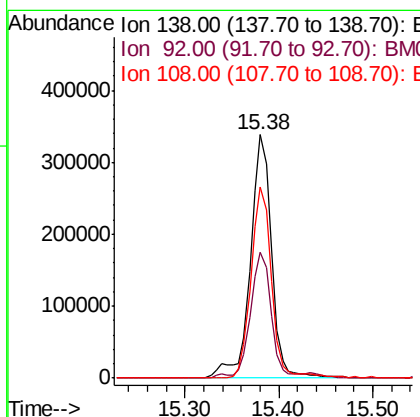
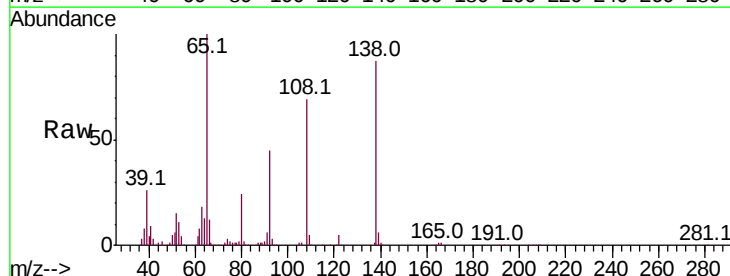
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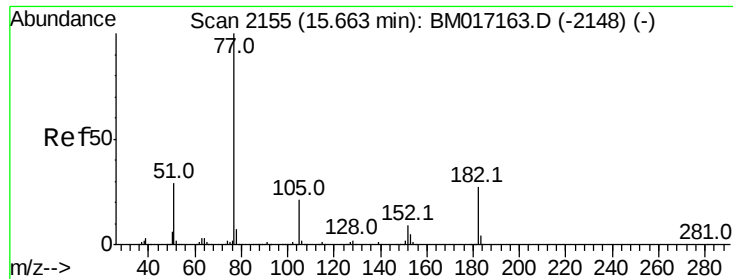
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#62
 4-Nitroaniline
 Concen: 36.328 ng
 RT: 15.38 min Scan# 2107
 Delta R.T. -0.01 min
 Lab File: BM017413.D
 Acq: 29 Oct 2018 18:52

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.5	31.2	71.2
108	78.8	55.5	95.5





#63

Azobenzene

Concen: 37.871 ng

RT: 15.64 min Scan# 2151

Delta R.T. -0.00 min

Lab File: BM017413.D

Acq: 29 Oct 2018 18:52

Instrument :

BNA_M

ClientSampleId :

PB114250BSD

Tot Ion: 77 Resp: 2083003

Ion Ratio Lower Upper

77 100

182 27.5 8.3 48.3

105 20.7 1.5 41.5

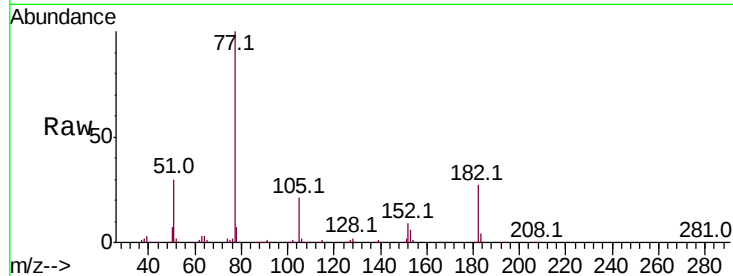
51 30.3 8.8 48.8

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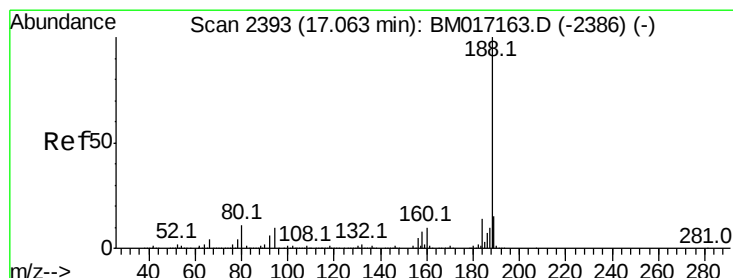
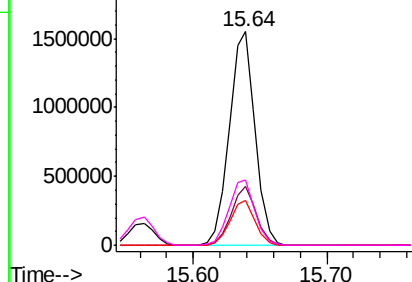
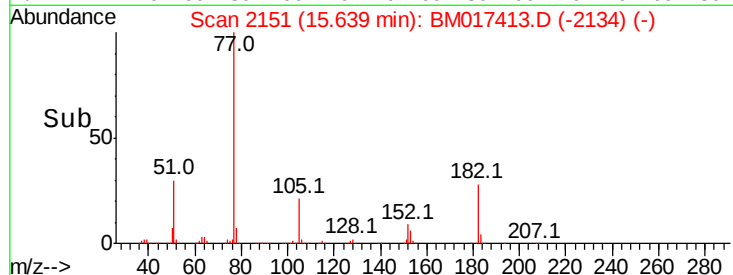


Abundance Ion 77.00 (76.70 to 77.70): BM017413.D (-2148) (-)

Ion 182.00 (181.70 to 182.70): BM017413.D (-2148) (-)

Ion 105.00 (104.70 to 105.70): BM017413.D (-2148) (-)

Ion 51.00 (50.70 to 51.70): BM017413.D (-2148) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.05 min Scan# 2390

Delta R.T. -0.00 min

Lab File: BM017413.D

Acq: 29 Oct 2018 18:52

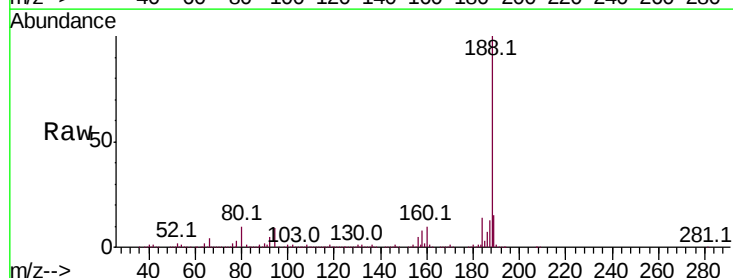
Tgt Ion: 188 Resp: 1705783

Ion Ratio Lower Upper

188 100

94 9.1 7.0 10.4

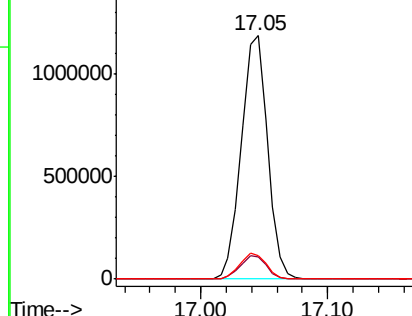
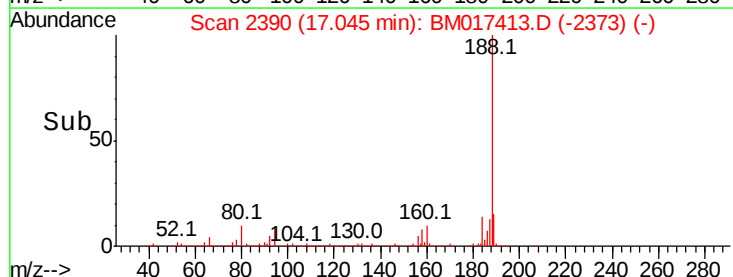
80 9.9 7.7 11.5

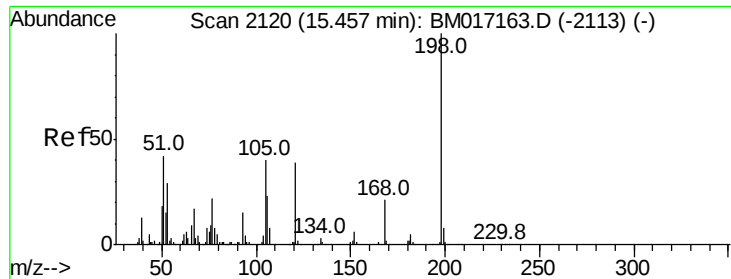


Abundance Ion 188.00 (187.70 to 188.70): BM017413.D (-2373) (-)

Ion 94.00 (93.70 to 94.70): BM017413.D (-2373) (-)

Ion 80.00 (79.70 to 80.70): BM017413.D (-2373) (-)





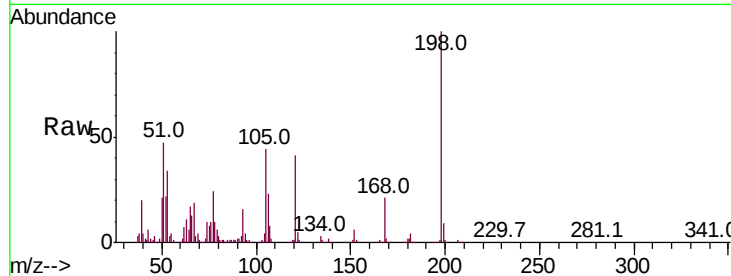
#65
4,6-Dinitro-2-methylphenol
Concen: 37.336 ng
RT: 15.43 min Scan# 2116
Delta R.T. -0.01 min
Lab File: BM017413.D
Acq: 29 Oct 2018 18:52

Instrument :
BNA_M
ClientSampleId :
PB114250BSD

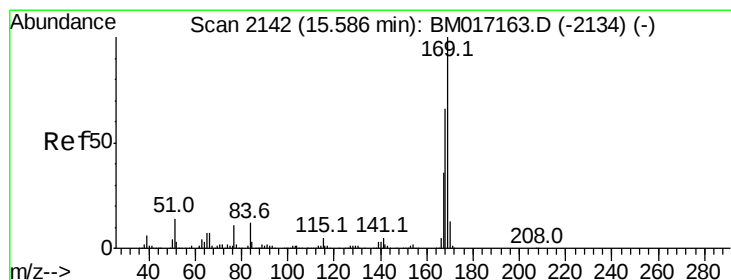
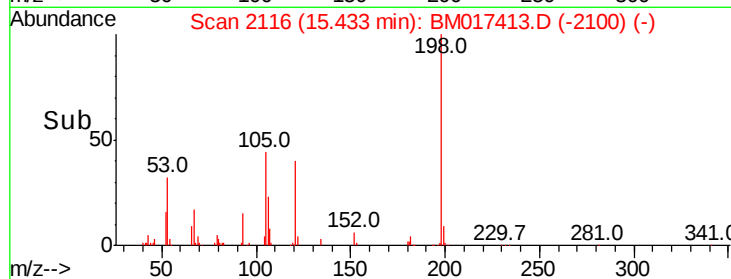
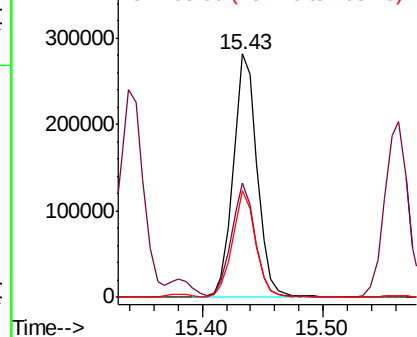
Tot Ion	Ratio	Resp	Lower	Upper
198	100	389019		
51	46.7		20.3	60.3
105	43.9		21.9	61.9

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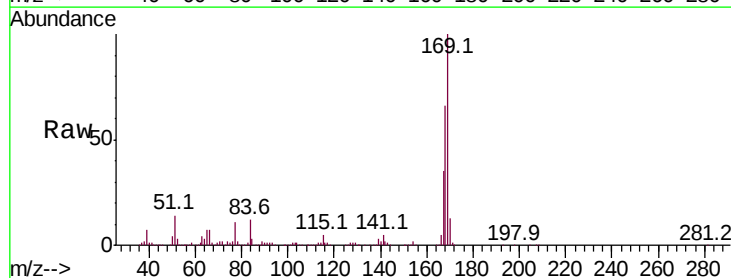


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BM
Ion 105.00 (104.70 to 105.70): E

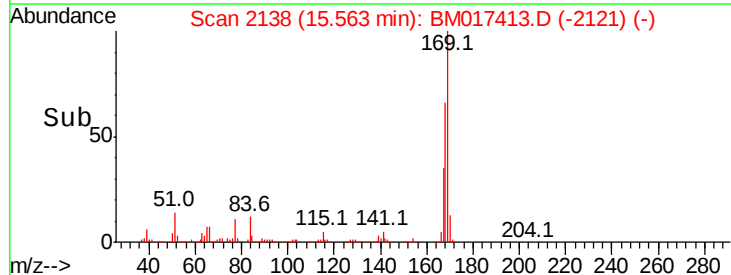
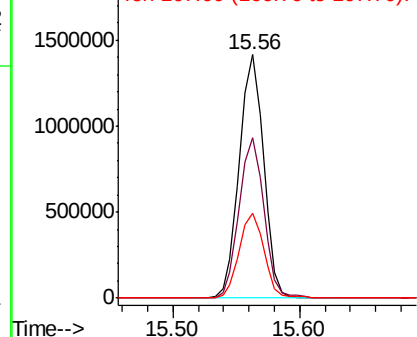


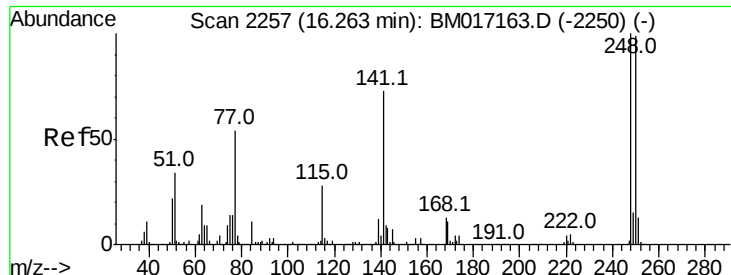
#66
n-Nitrosodiphenylamine
Concen: 36.415 ng
RT: 15.56 min Scan# 2138
Delta R.T. -0.00 min
Lab File: BM017413.D
Acq: 29 Oct 2018 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1879291		
168	65.7		52.2	78.4
167	34.6		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





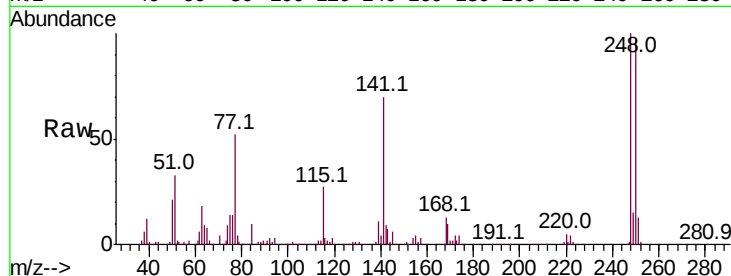
#67
4-Bromophenyl-phenylether
Concen: 35.817 ng
RT: 16.24 min Scan# 2253
Delta R.T. -0.00 min
Lab File: BM017413.D
Acq: 29 Oct 2018 18:52

Instrument :
BNA_M
ClientSampleId :
PB114250BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.4	75.1	112.7
141	70.1	55.6	83.4

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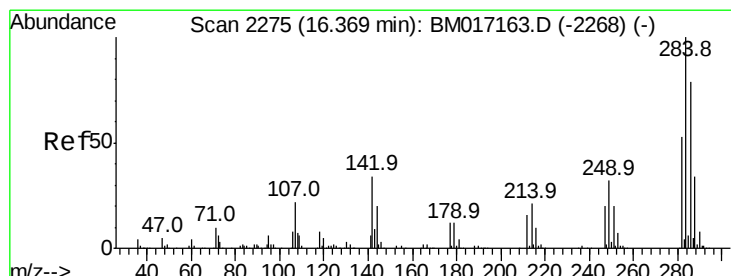
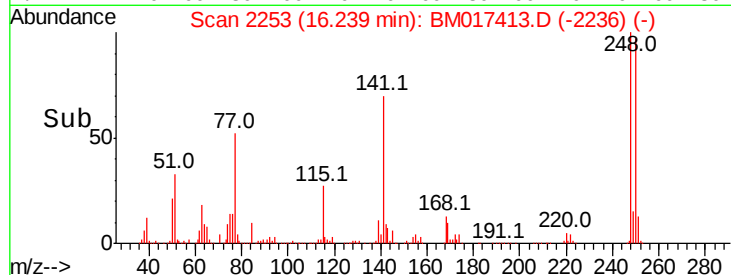
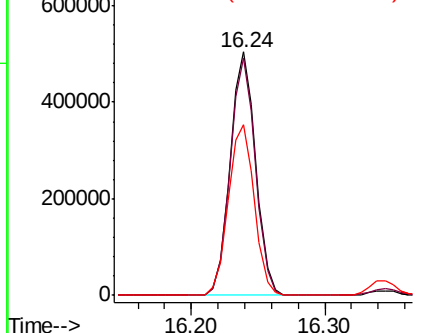


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 33.291 ng
RT: 16.35 min Scan# 2271
Delta R.T. -0.00 min
Lab File: BM017413.D
Acq: 29 Oct 2018 18:52

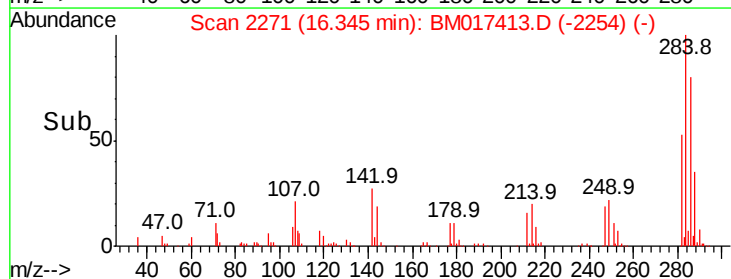
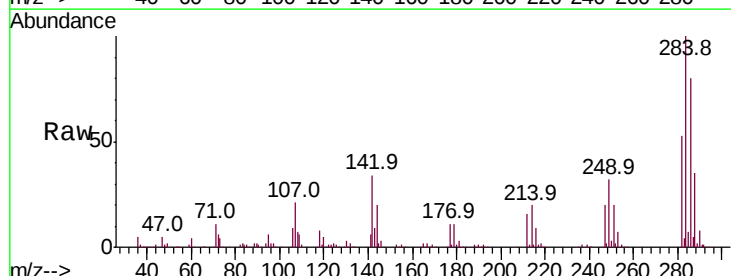
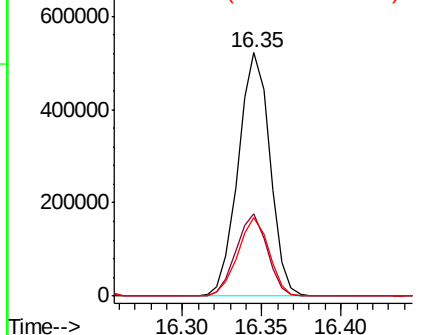
Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.8	25.0	37.6
249	32.3	25.5	38.3

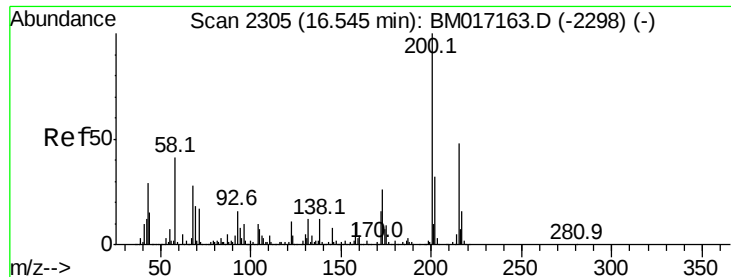
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





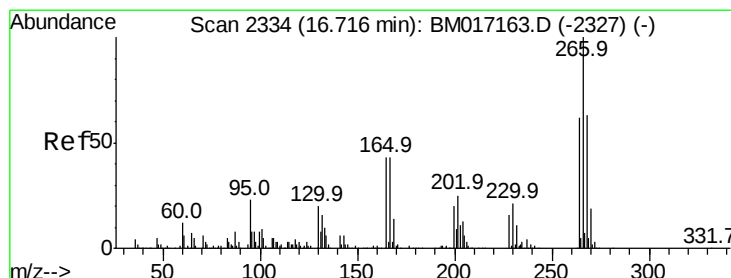
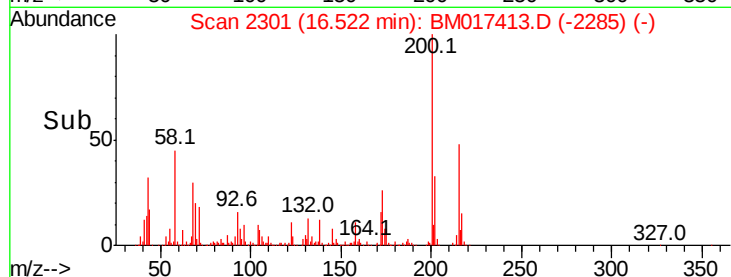
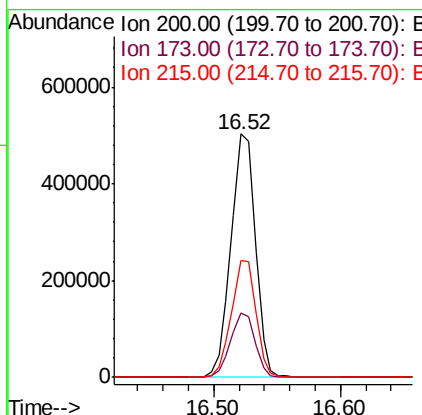
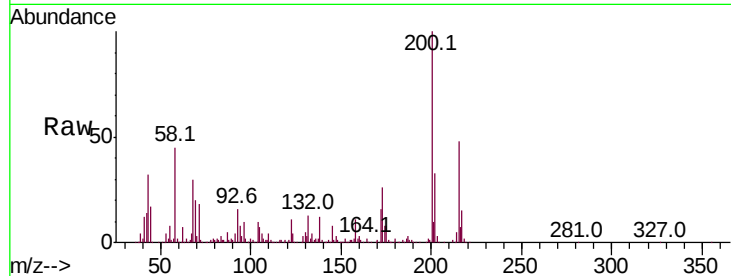
#69
Atrazine
Concen: 36.301 ng
RT: 16.52 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BM017413.D
Acq: 29 Oct 2018 18:52

Instrument :
BNA_M
ClientSampleId :
PB114250BSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.2	7.0	47.0
215	47.8	27.3	67.3

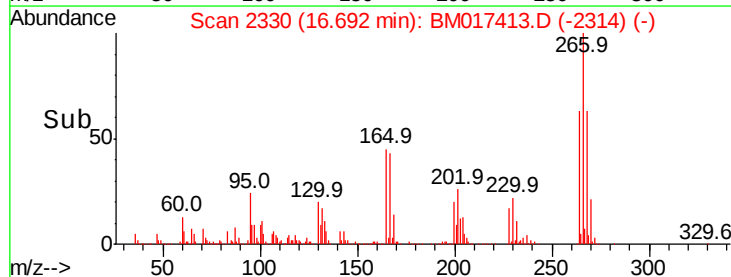
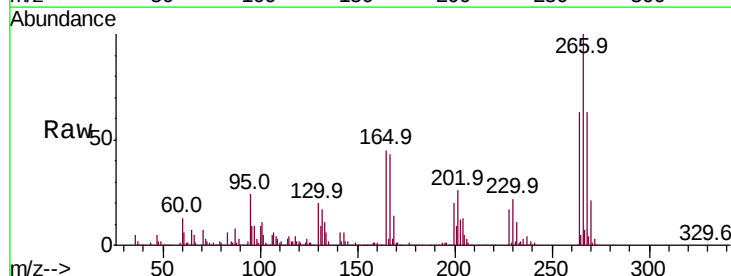
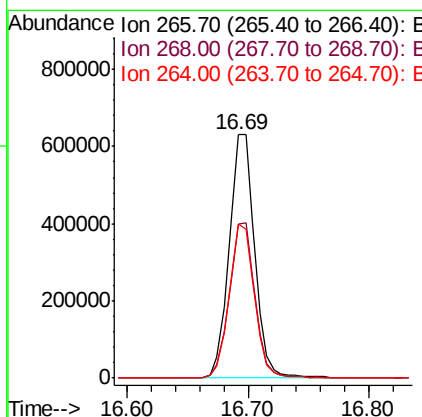
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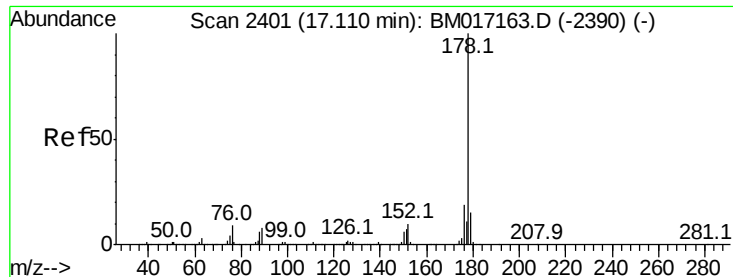
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#70
Pentachlorophenol
Concen: 62.386 ng
RT: 16.69 min Scan# 2330
Delta R.T. -0.01 min
Lab File: BM017413.D
Acq: 29 Oct 2018 18:52

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.2	50.7	76.1
264	63.1	50.4	75.6





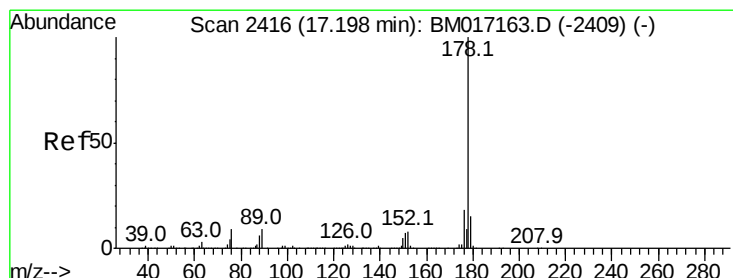
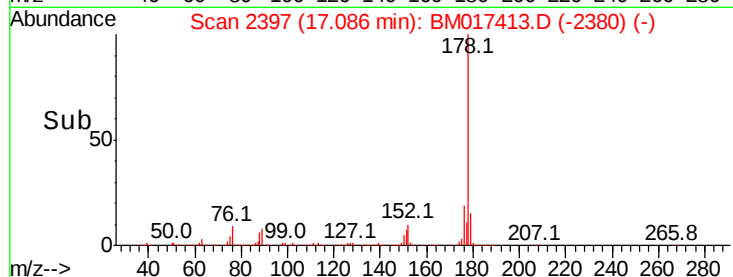
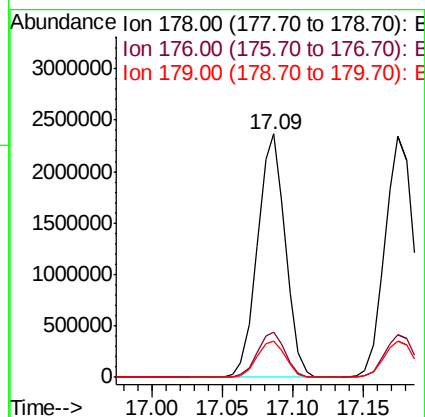
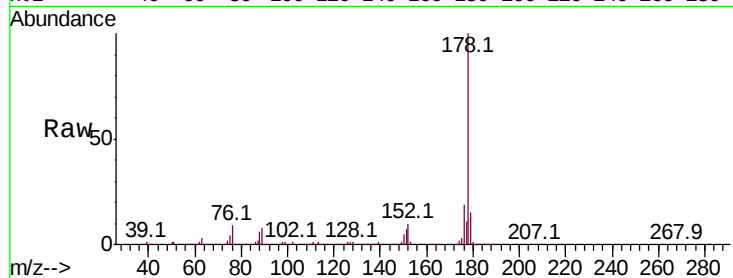
#71
Phenanthrene
Concen: 35.654 ng
RT: 17.09 min Scan# 2397
Delta R.T. -0.00 min
Lab File: BM017413.D
Acq: 29 Oct 2018 18:52

Instrument :
BNA_M
ClientSampleId :
PB114250BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.6
179	15.0	12.3	18.5

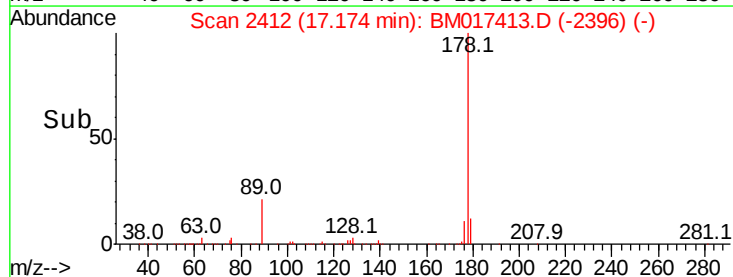
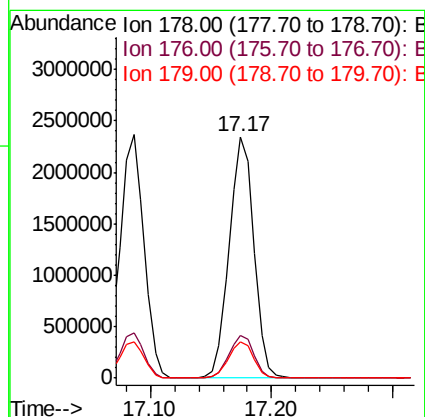
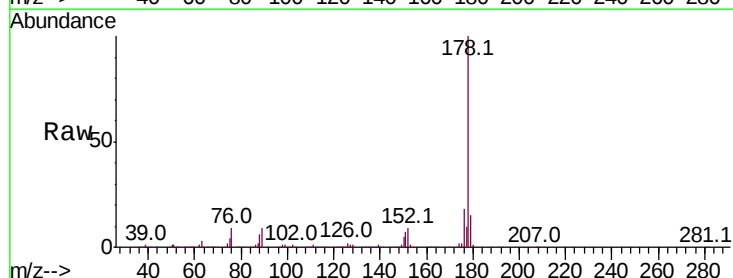
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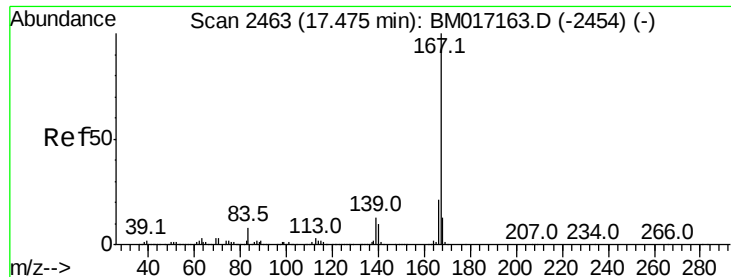
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#72
Anthracene
Concen: 37.959 ng
RT: 17.17 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BM017413.D
Acq: 29 Oct 2018 18:52

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.5	21.7
179	15.2	12.2	18.2





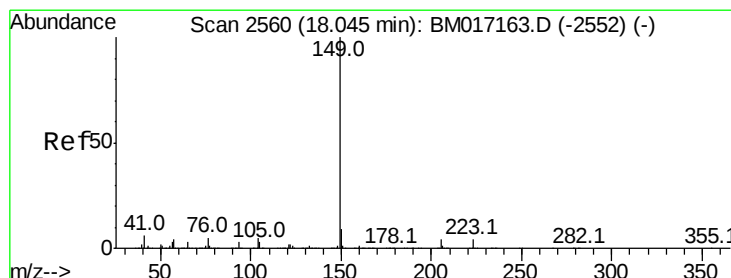
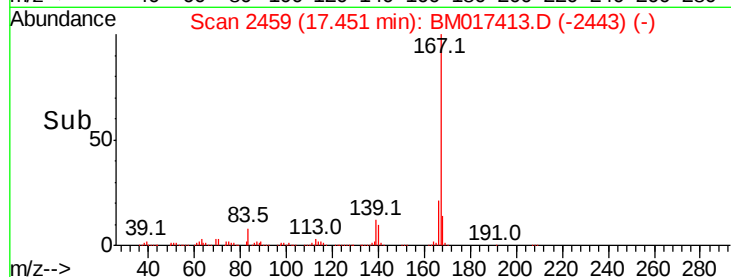
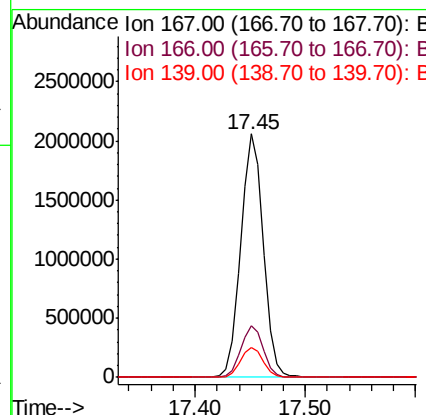
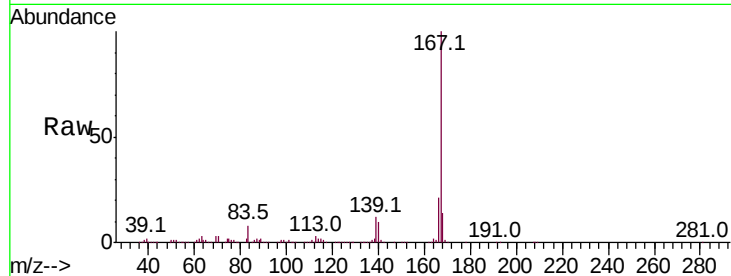
#73
 Carbazole
 Concen: 33.203 ng
 RT: 17.45 min Scan# 2459
 Delta R.T. -0.01 min
 Lab File: BM017413.D
 Acq: 29 Oct 2018 18:52

Instrument :
 BNA_M
 ClientSampleId :
 PB114250BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.1	25.7
139	12.5	10.1	15.1

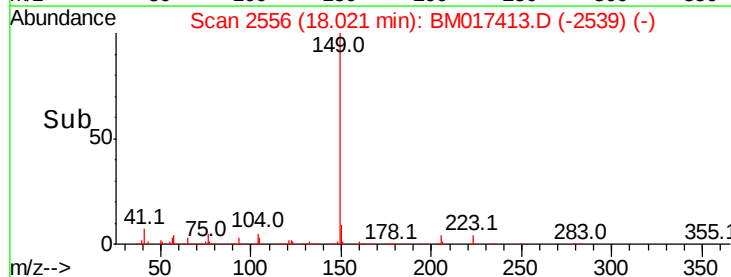
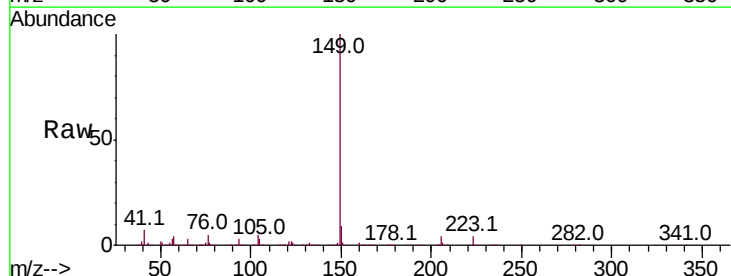
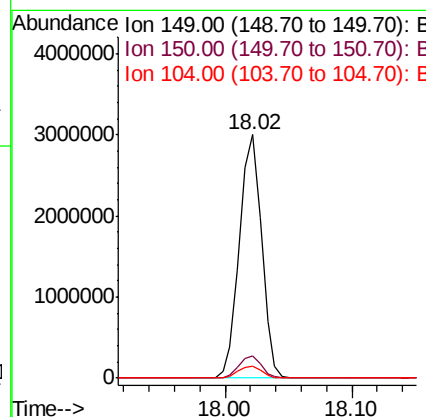
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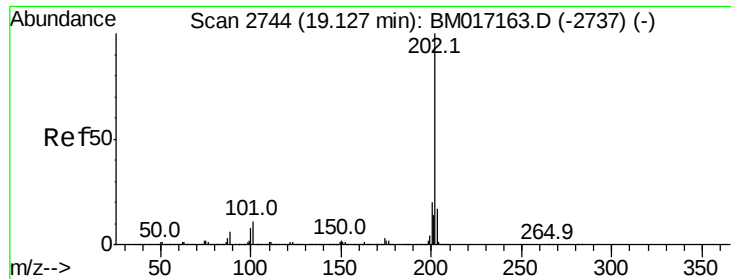
Sohil
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#74
 Di-n-butylphthalate
 Concen: 38.521 ng
 RT: 18.02 min Scan# 2556
 Delta R.T. -0.00 min
 Lab File: BM017413.D
 Acq: 29 Oct 2018 18:52

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.0
104	4.9	4.3	6.5





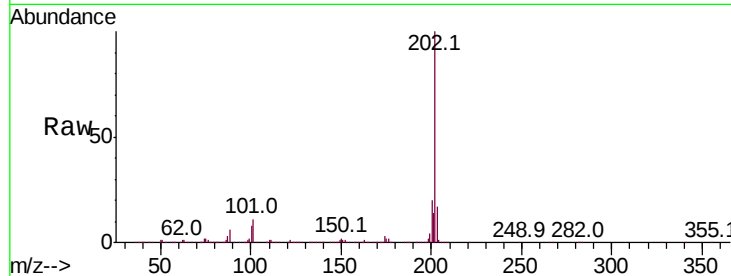
#75
 Fluoranthene
 Concen: 39.598 ng
 RT: 19.11 min Scan# 2741
 Delta R.T. -0.00 min
 Lab File: BM017413.D
 Acq: 29 Oct 2018 18:52

Instrument :
 BNA_M
 ClientSampleId :
 PB114250BSD

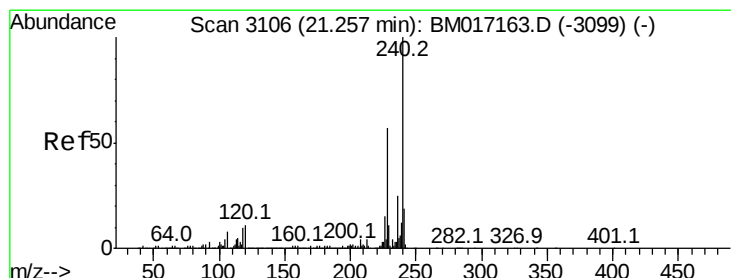
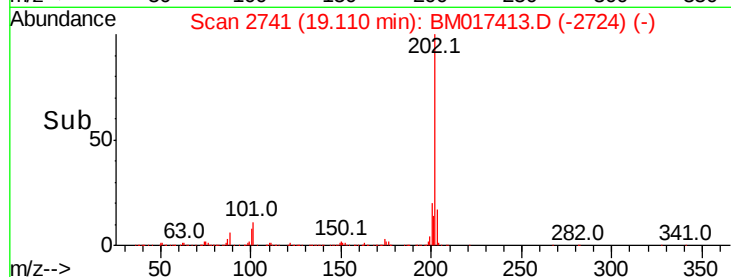
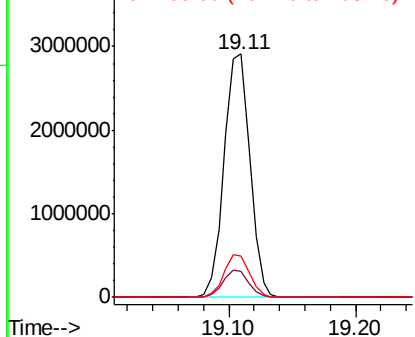
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	30.0
203	17.2	0.0	37.2

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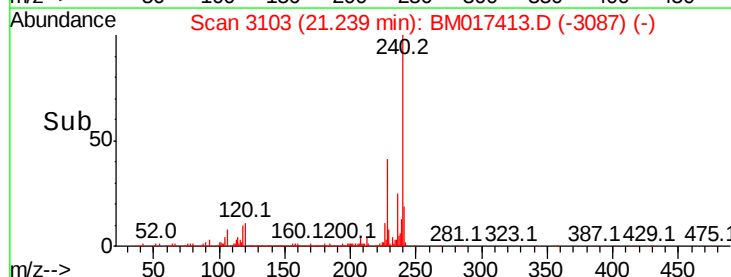
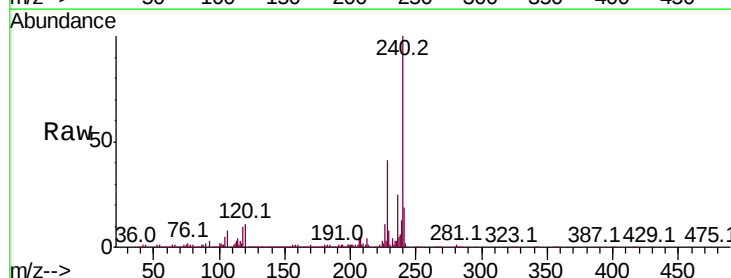
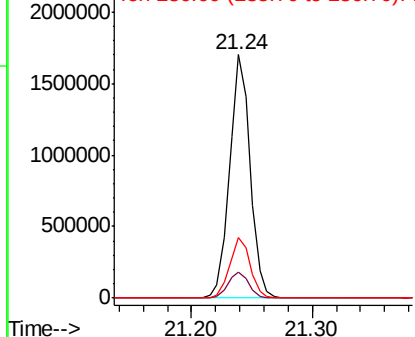
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

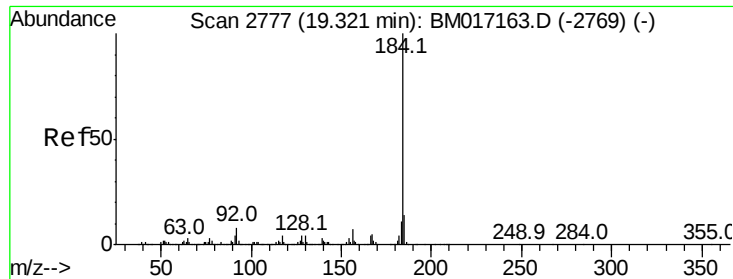


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.24 min Scan# 3103
 Delta R.T. -0.01 min
 Lab File: BM017413.D
 Acq: 29 Oct 2018 18:52

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.1	12.1
236	24.9	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: 34.216 ng

RT: 19.30 min Scan# 2774

Delta R.T. -0.00 min

Lab File: BM017413.D

Acq: 29 Oct 2018 18:52

Instrument :

BNA_M

ClientSampleId :

PB114250BSD

Tot Ion:184 Resp: 1743458

Ion Ratio Lower Upper

184 100

185 14.4 11.8 17.8

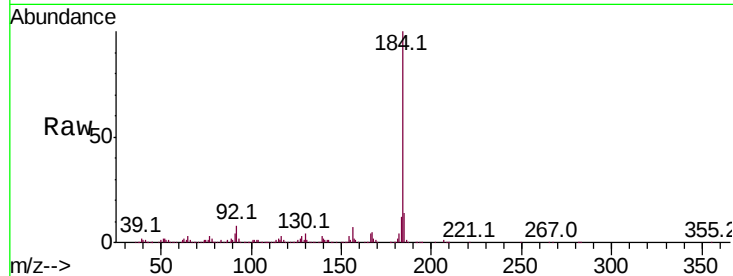
183 12.0 9.7 14.5

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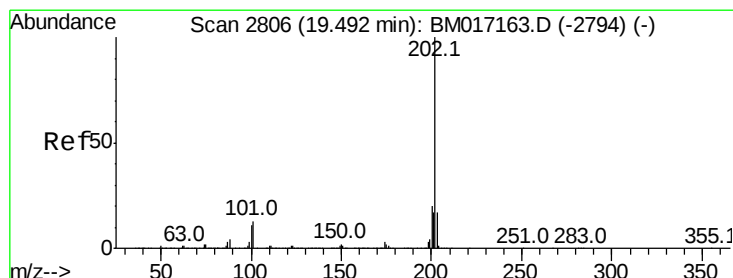
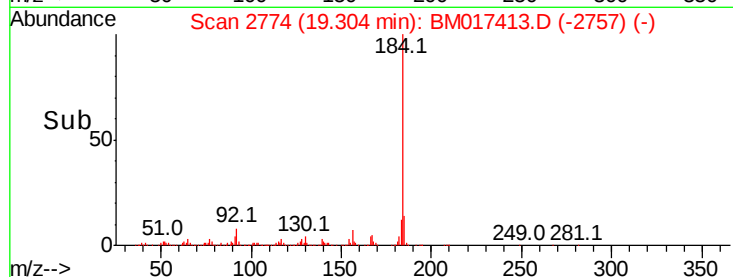
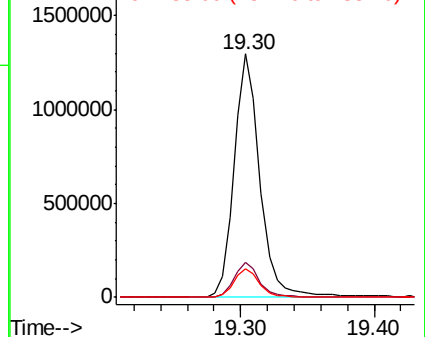
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.292 ng

RT: 19.47 min Scan# 2802

Delta R.T. -0.01 min

Lab File: BM017413.D

Acq: 29 Oct 2018 18:52

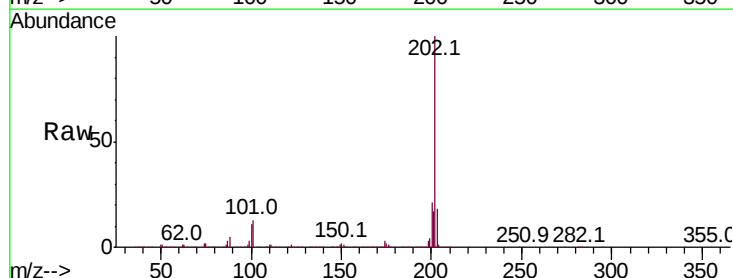
Tgt Ion:202 Resp: 4188414

Ion Ratio Lower Upper

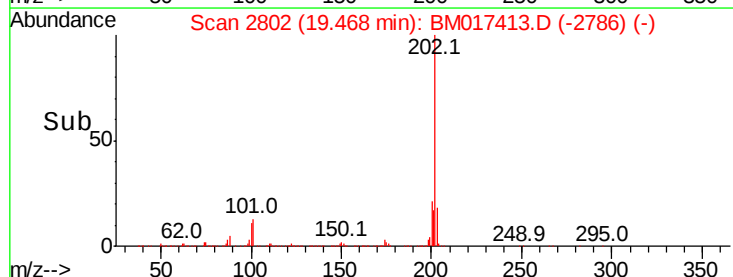
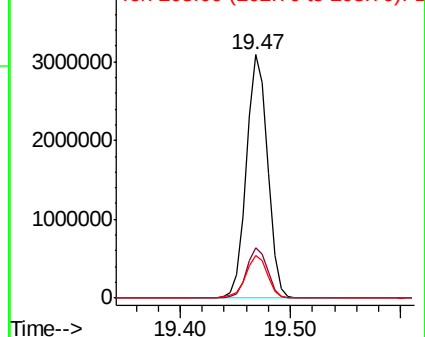
202 100

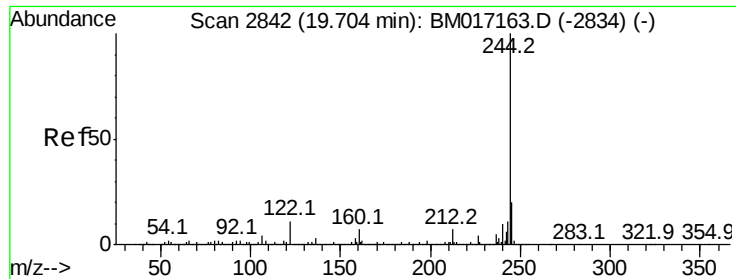
200 20.6 16.3 24.5

203 17.7 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: 71.153 ng
 RT: 19.68 min Scan# 2838
 Delta R.T. -0.01 min
 Lab File: BM017413.D
 Acq: 29 Oct 2018 18:52

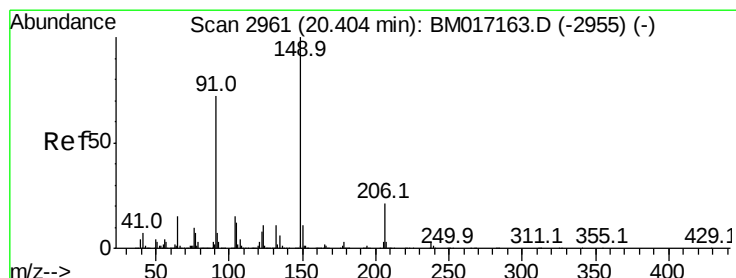
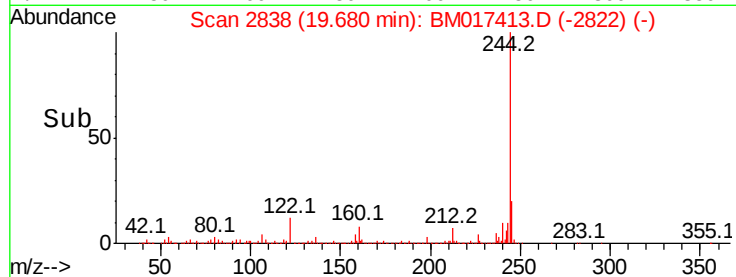
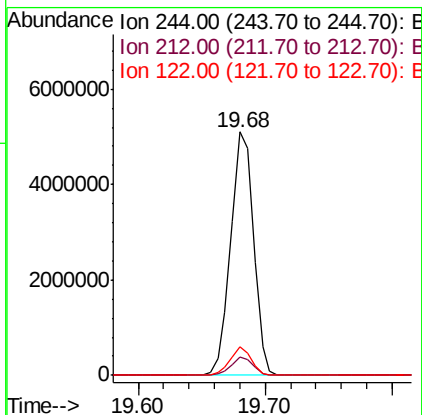
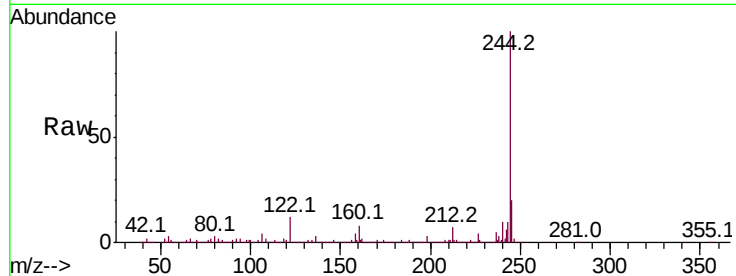
Instrument :
 BNA_M
 ClientSampleId :
 PB114250BSD

Tot Ion:244 Resp: 6343645

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.5	8.3
122	11.5	8.4	12.6

Manual Integrations
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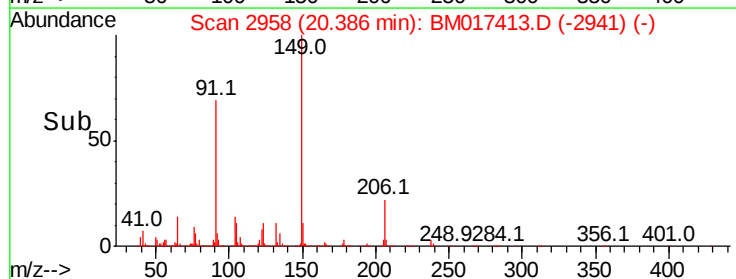
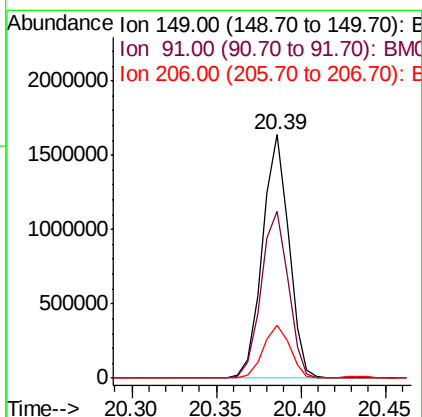
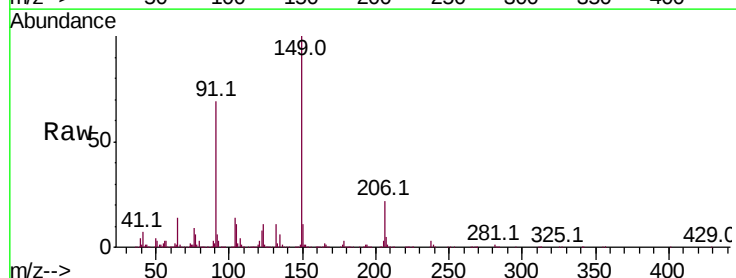
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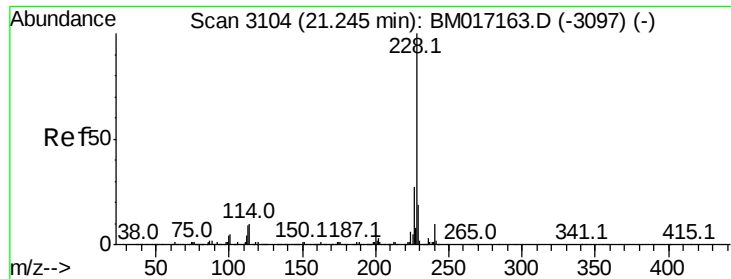


#80
 Butylbenzylphthalate
 Concen: 42.470 ng
 RT: 20.39 min Scan# 2958
 Delta R.T. -0.00 min
 Lab File: BM017413.D
 Acq: 29 Oct 2018 18:52

Tgt Ion:149 Resp: 1773595

Ion	Ratio	Lower	Upper
149	100		
91	68.7	51.3	76.9
206	21.8	18.0	27.0





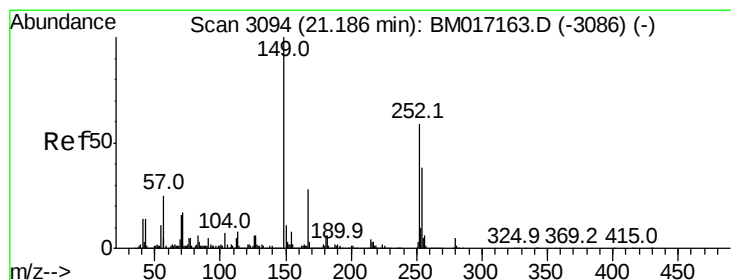
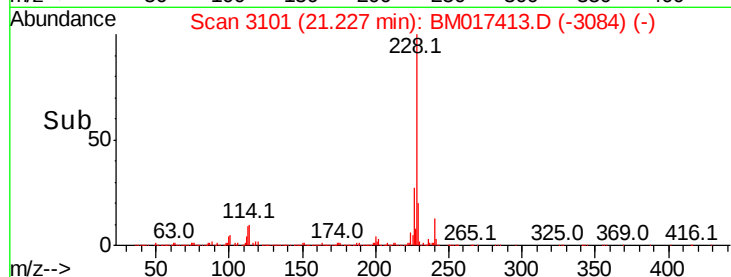
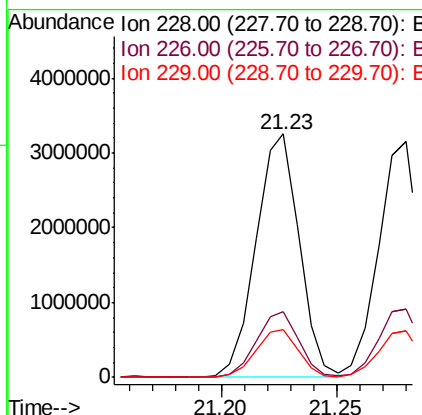
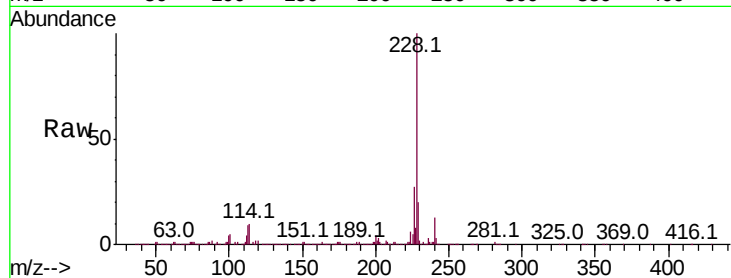
#81
Benzo(a)anthracene
Concen: 37.458 ng
RT: 21.23 min Scan# 3101
Delta R.T. -0.00 min
Lab File: BM017413.D
Acq: 29 Oct 2018 18:52

Instrument :
BNA_M
ClientSampleId :
PB114250BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.4	32.0
229	19.5	15.9	23.9

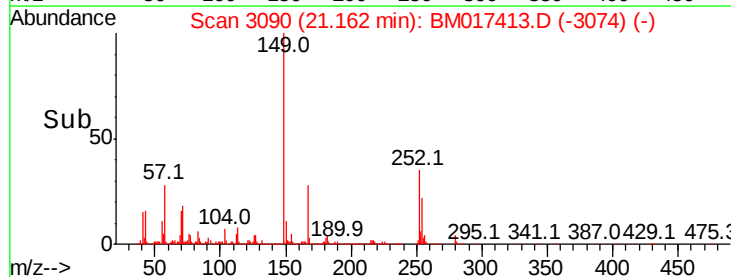
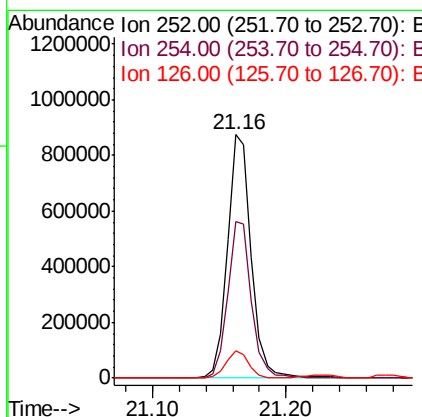
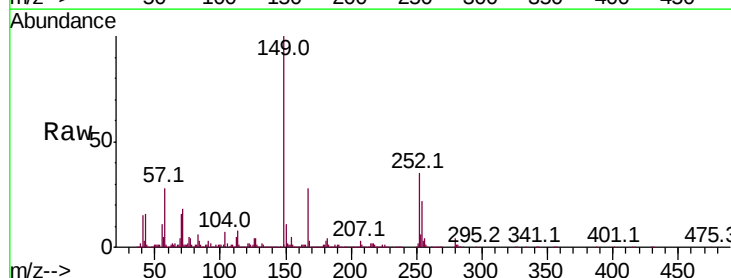
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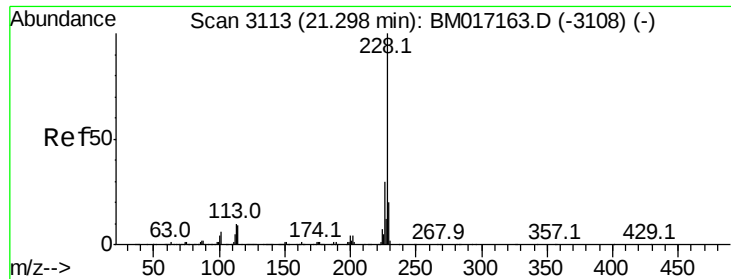
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#82
3,3'-Dichlorobenzidine
Concen: 25.981 ng
RT: 21.16 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM017413.D
Acq: 29 Oct 2018 18:52

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.3	52.1	78.1
126	11.4	8.6	12.8





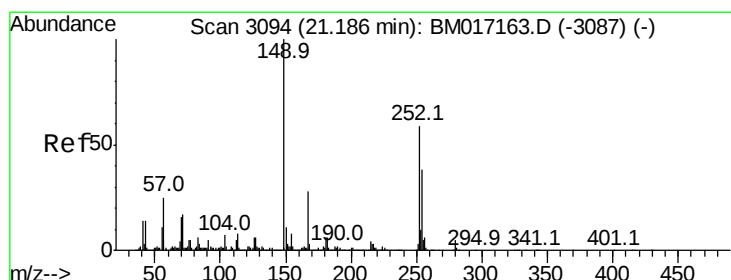
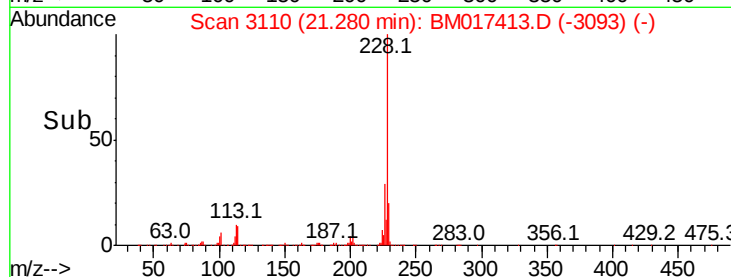
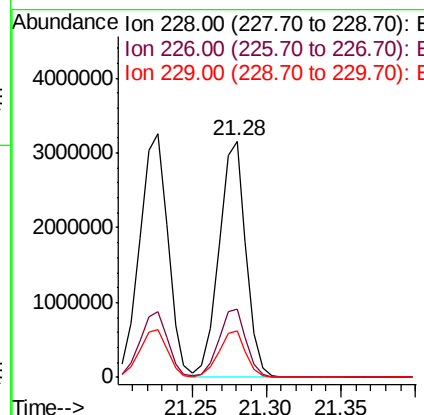
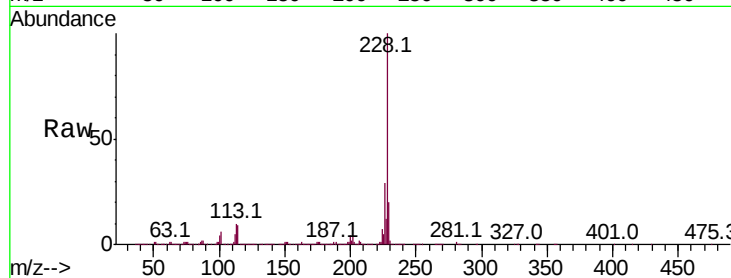
#83
Chrysene
Concen: 35.536 ng
RT: 21.28 min Scan# 3110
Delta R.T. -0.00 min
Lab File: BM017413.D
Acq: 29 Oct 2018 18:52

Instrument :
BNA_M
ClientSampleId :
PB114250BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.3	34.9
229	19.8	15.6	23.4

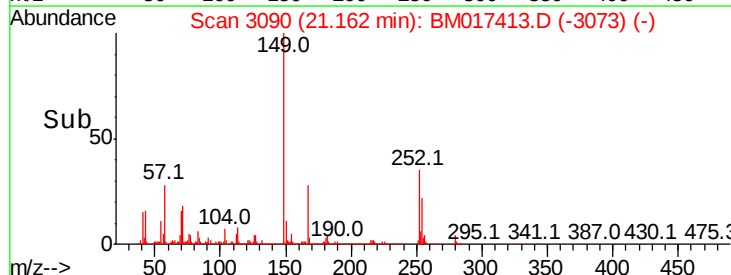
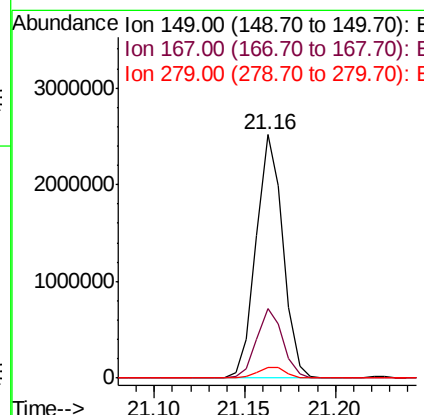
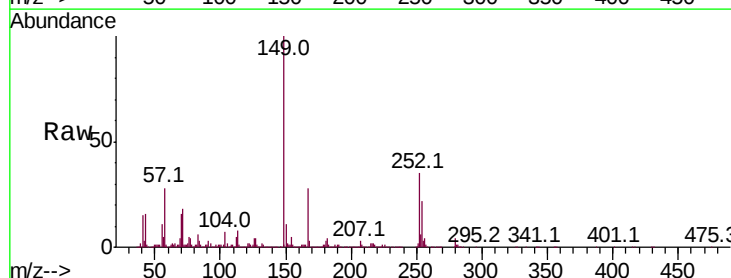
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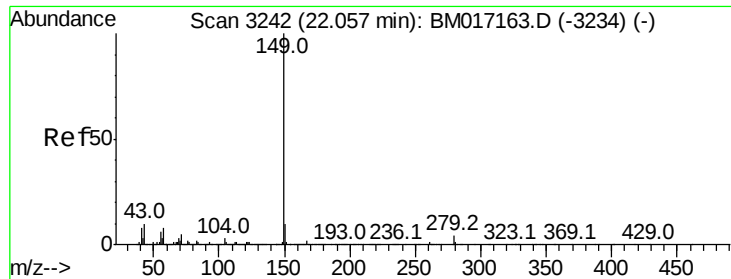
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#84
Bis(2-ethylhexyl)phthalate
Concen: 40.445 ng
RT: 21.16 min Scan# 3090
Delta R.T. -0.00 min
Lab File: BM017413.D
Acq: 29 Oct 2018 18:52

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.2	33.4
279	4.4	3.6	5.4





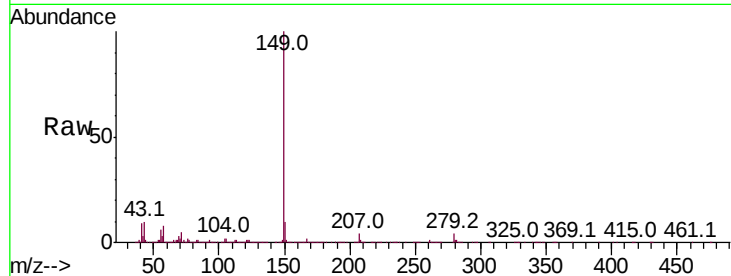
#85
Di-n-octyl phthalate
Concen: 41.374 ng
RT: 22.03 min Scan# 3238
Delta R.T. -0.01 min
Lab File: BM017413.D
Acq: 29 Oct 2018 18:52

Instrument :
BNA_M
ClientSampleId :
PB114250BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	9.6	7.2	10.8

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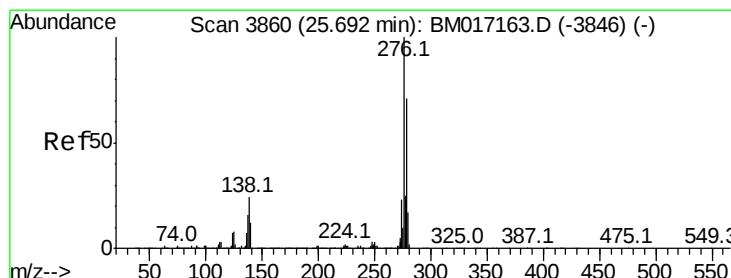
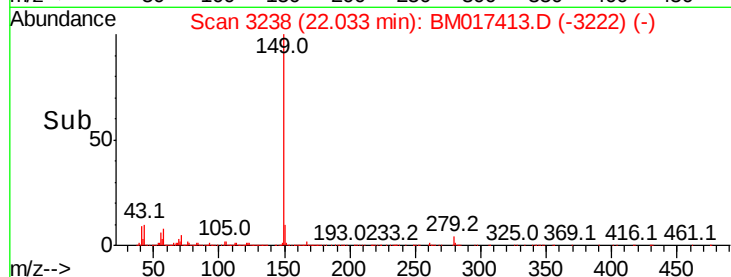
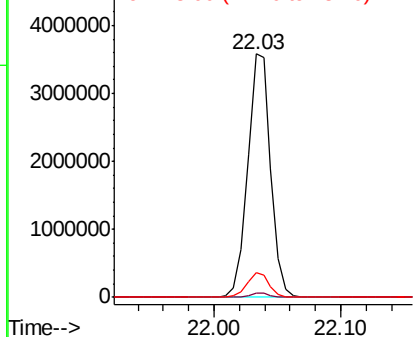


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86
Indeno(1,2,3-cd)pyrene
Concen: 27.286 ng
RT: 25.65 min Scan# 3853
Delta R.T. -0.01 min
Lab File: BM017413.D
Acq: 29 Oct 2018 18:52

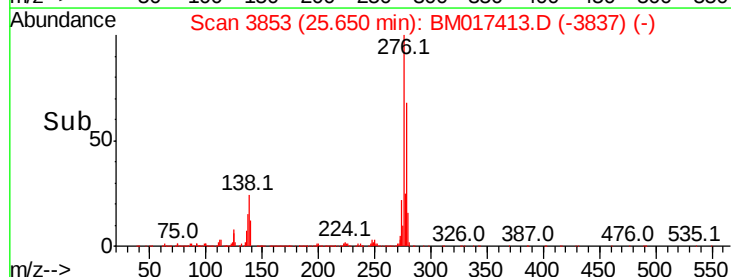
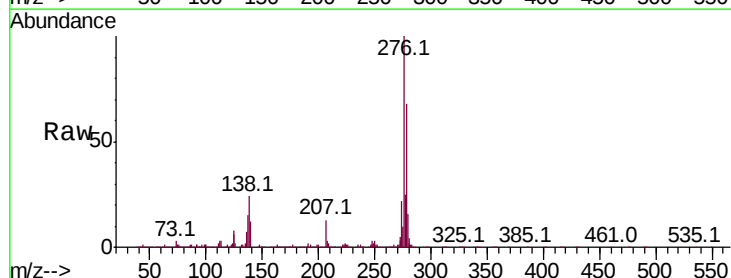
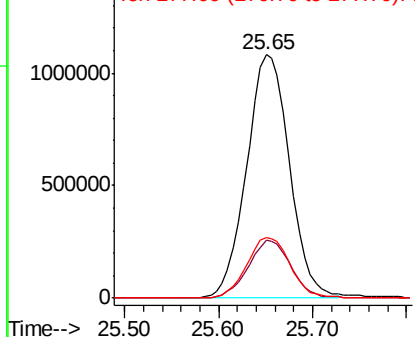
Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.5	19.5	29.3
277	25.3	20.1	30.1

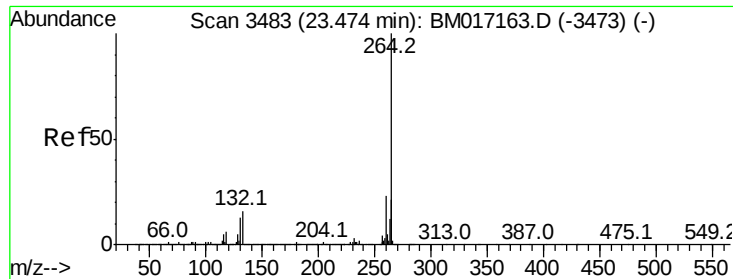
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





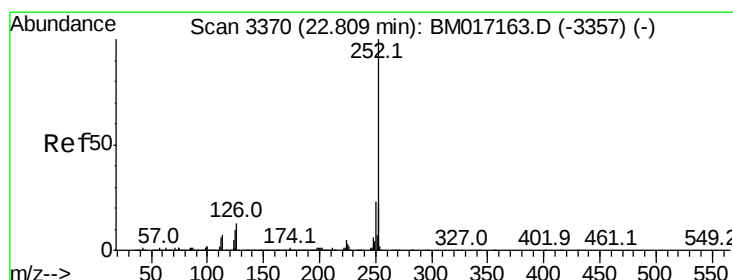
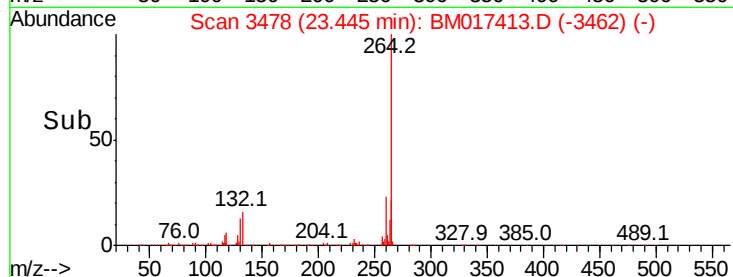
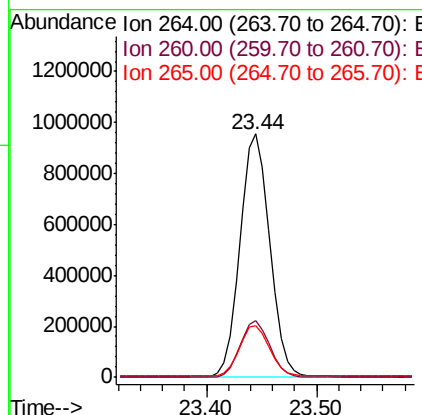
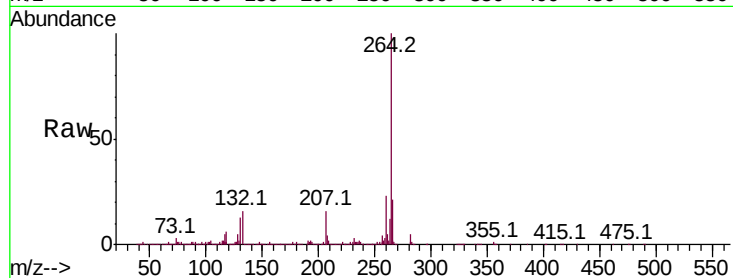
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.44 min Scan# 3478
Delta R.T. -0.01 min
Lab File: BM017413.D
Acq: 29 Oct 2018 18:52

Instrument :
BNA_M
ClientSampleId :
PB114250BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	27.8
265	21.4	17.8	26.8

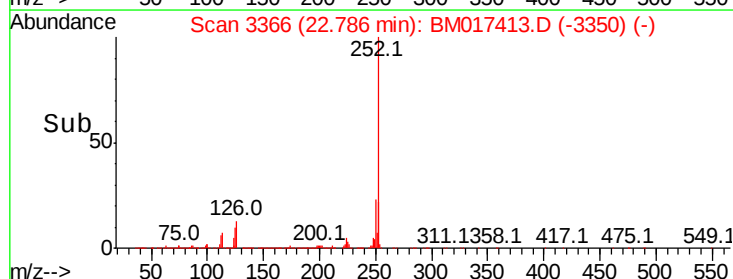
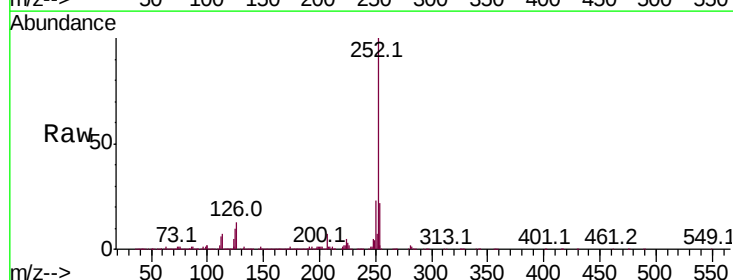
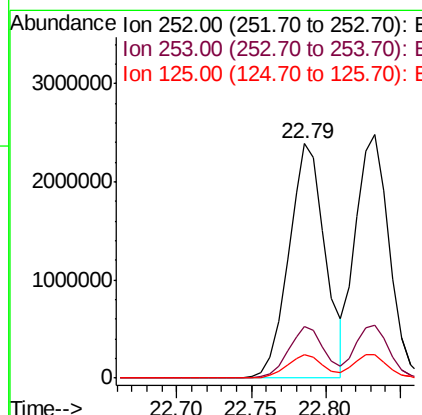
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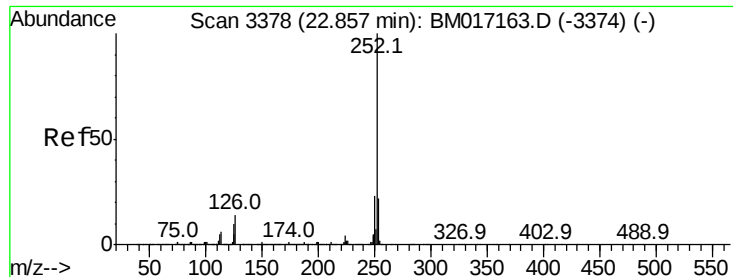
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#88
Benzo(b)fluoranthene
Concen: 40.834 ng
RT: 22.79 min Scan# 3366
Delta R.T. -0.01 min
Lab File: BM017413.D
Acq: 29 Oct 2018 18:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	9.8	7.5	11.3





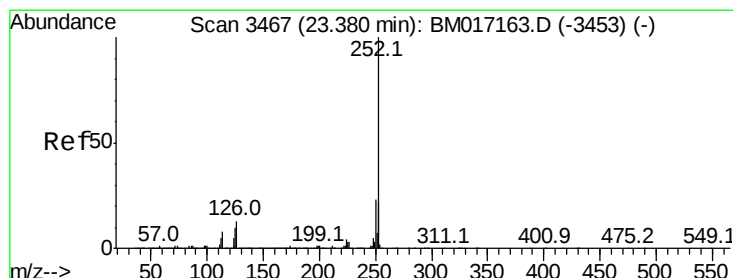
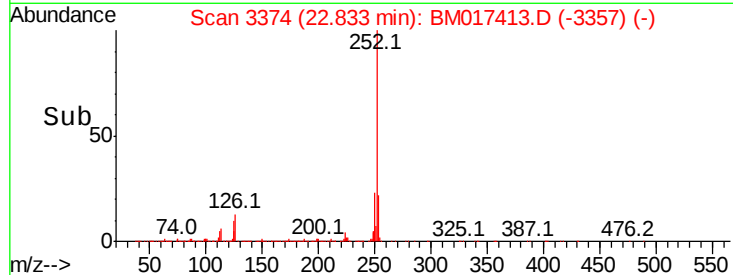
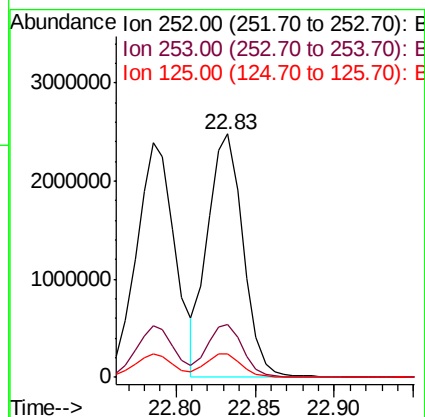
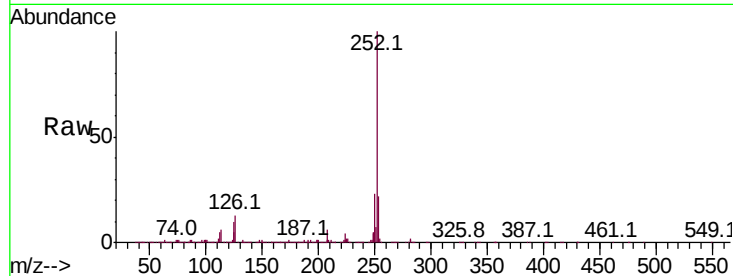
#89
Benzo(k)fluoranthene
Concen: 38.479 ng
RT: 22.83 min Scan# 3374
Delta R.T. -0.00 min
Lab File: BM017413.D
Acq: 29 Oct 2018 18:52

Instrument :
BNA_M
ClientSampleId :
PB114250BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	9.6	8.2	12.2

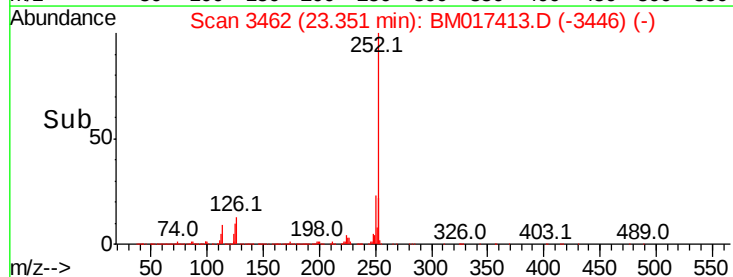
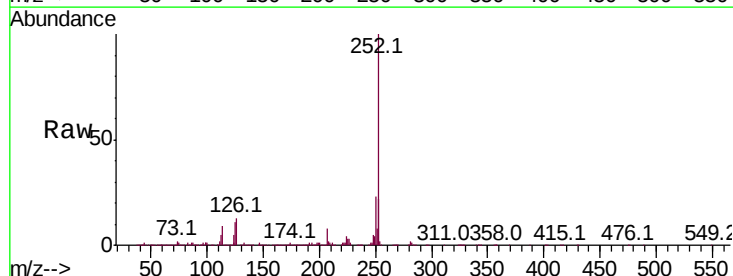
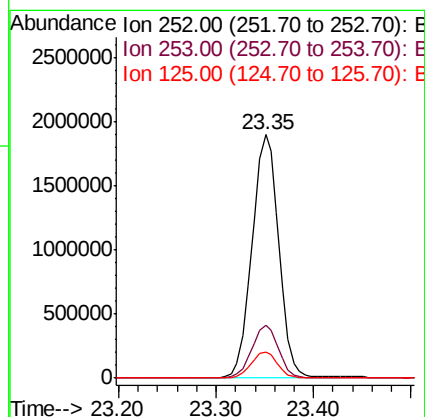
Manual Integrations
APPROVED

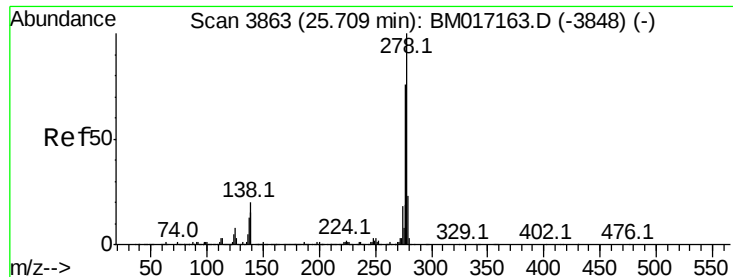
Sohil
10/30/2018 4:43:08 PM



#90
Benzo(a)pyrene
Concen: 38.705 ng
RT: 23.35 min Scan# 3462
Delta R.T. -0.01 min
Lab File: BM017413.D
Acq: 29 Oct 2018 18:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.0
125	10.5	8.6	13.0





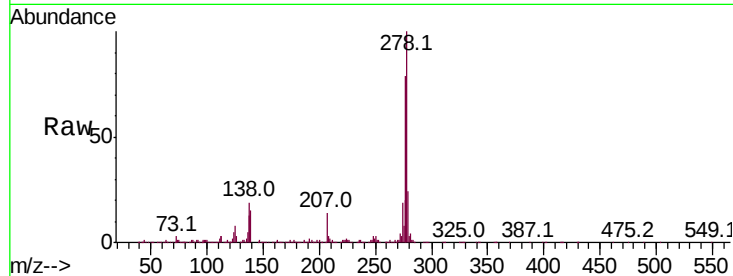
#91
Dibenzo(a,h)anthracene
Concen: 31.020 ng
RT: 25.67 min Scan# 3856
Delta R.T. -0.00 min
Lab File: BM017413.D
Acq: 29 Oct 2018 18:52

Instrument :
BNA_M
ClientSampleId :
PB114250BSD

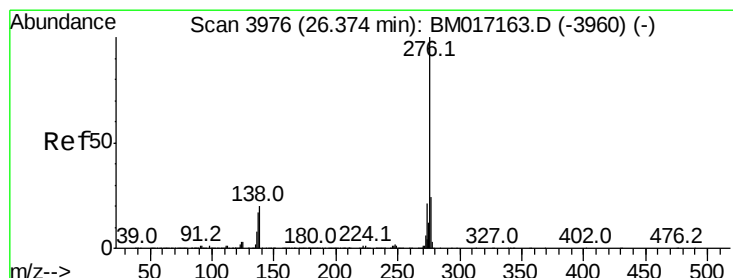
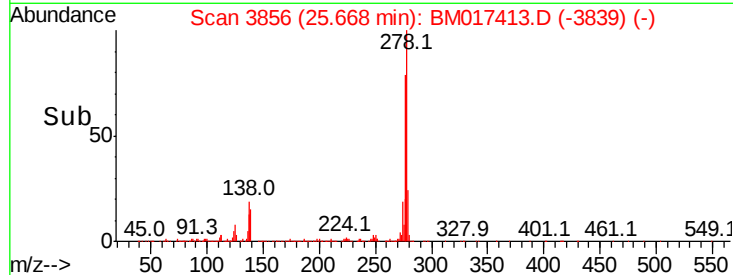
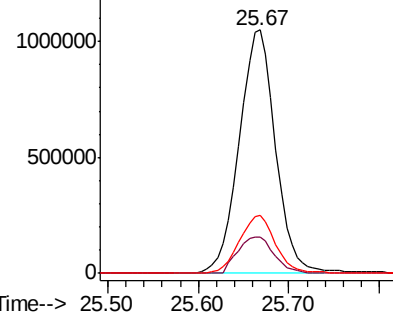
Tot Ion:278 Resp: 2911365
Ion Ratio Lower Upper
278 100
139 14.8 12.7 19.1
279 24.0 18.7 28.1

Manual Integrations
APPROVED

Sohil
10/30/2018 4:43:08 PM

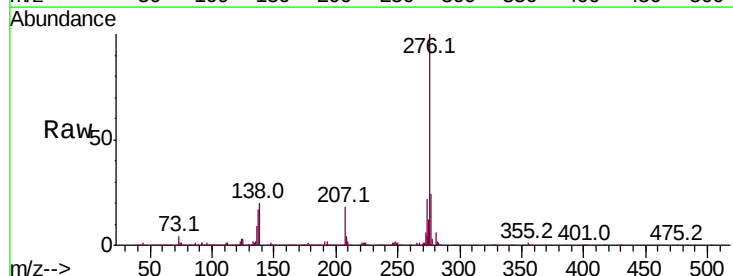


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 28.805 ng
RT: 26.33 min Scan# 3968
Delta R.T. -0.00 min
Lab File: BM017413.D
Acq: 29 Oct 2018 18:52

Tgt Ion:276 Resp: 2679459
Ion Ratio Lower Upper
276 100
277 24.1 18.6 28.0
138 19.9 16.4 24.6



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

