

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121618\
 Data File : BM018237.D
 Acq On : 16 Dec 2018 21:35
 Operator : JU/SJ
 Sample : J6379-05MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS003-1824-01MSD

Manual Integrations
 APPROVED

Sohil
 12/17/2018 4:20:59 PM

Quant Time: Dec 17 04:48:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 15 21:39:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	135956	20.00	ng	0.00
21) Naphthalene-d8	10.26	136	531802	20.00	ng	0.00
39) Acenaphthene-d10	14.16	164	268695	20.00	ng	0.00
64) Phenanthrene-d10	16.92	188	487990	20.00	ng	0.00
76) Chrysene-d12	21.14	240	371155	20.00	ng	0.00
87) Perylene-d12	23.30	264	397981	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.13	112	1206751	148.27	ng	0.00
7) Phenol-d6	6.70	99	1604324	141.82	ng	0.00
23) Nitrobenzene-d5	8.66	82	956197	92.23	ng	0.00
42) 2,4,6-Tribromophenol	15.66	330	471426	119.54	ng	0.00
45) 2-Fluorobiphenyl	12.76	172	1809409	87.22	ng	0.00
79) Terphenyl-d14	19.57	244	1572332	95.81	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.13	88	109042	33.822	ng	99
3) Pyridine	3.51	79	341175	35.971	ng	98
4) n-Nitrosodimethylamine	3.43	42	148203	45.397	ng	96
6) Aniline	6.85	93	229467	16.170	ng	99
8) 2-Chlorophenol	7.07	128	417311	43.398	ng	98
9) Benzaldehyde	6.66	77	144564	20.966	ng	94
10) Phenol	6.73	94	620121	51.762	ng	98
11) bis(2-Chloroethyl)ether	6.95	93	378702	39.774	ng	98
12) 1,3-Dichlorobenzene	7.39	146	421143	39.220	ng	99
13) 1,4-Dichlorobenzene	7.53	146	434377	39.836	ng	98
14) 1,2-Dichlorobenzene	7.84	146	419477	39.906	ng	98
15) Benzyl Alcohol	7.75	79	362767	39.356	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.03	45	327390	38.209	ng	97
17) 2-Methylphenol	7.95	107	341684	42.714	ng	98
18) Hexachloroethane	8.55	117	157592	39.431	ng	95
19) n-Nitroso-di-n-propylamine	8.31	70	310522	36.764	ng	99
20) 3+4-Methylphenols	8.28	107	448103	39.977	ng	98
22) Acetophenone	8.32	105	602899	42.840	ng	99
24) Nitrobenzene	8.70	77	448872	43.330	ng	99
25) Isophorone	9.22	82	781726	45.288	ng	99
26) 2-Nitrophenol	9.40	139	218249	42.954	ng	99
27) 2,4-Dimethylphenol	9.47	122	350691	47.890	ng	99
28) bis(2-Chloroethoxy)methane	9.70	93	496645	44.140	ng	99
29) 2,4-Dichlorophenol	9.93	162	360697	44.426	ng	99
30) 1,2,4-Trichlorobenzene	10.13	180	390791	42.315	ng	96
31) Naphthalene	10.32	128	1187770	45.677	ng	99
32) Benzoic acid	9.62	122	134627m	19.415	ng	
33) 4-Chloroaniline	10.46	127	92340	8.107	ng	99
34) Hexachlorobutadiene	10.58	225	238332	40.804	ng	99
35) Caprolactam	11.26	113	102015m	32.974	ng	
36) 4-Chloro-3-methylphenol	11.59	107	375244	38.463	ng	97
37) 2-Methylnaphthalene	11.94	142	851852	46.452	ng	99
38) 1-Methylnaphthalene	12.16	142	794943	44.424	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.32	216	414442	44.854	ng	98

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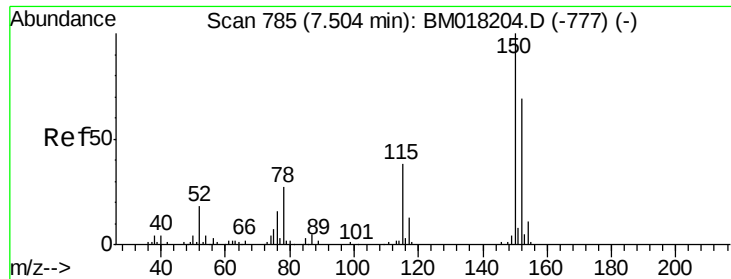
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.28	237	394307	95.687	ng	99
43) 2,4,6-Trichlorophenol	12.57	196	272607	45.872	ng	95
44) 2,4,5-Trichlorophenol	12.65	196	283824	44.987	ng	97
46) 1,1'-Biphenyl	12.97	154	1014793	41.981	ng	99
47) 2-Chloronaphthalene	13.02	162	803105	45.139	ng	99
48) 2-Nitroaniline	13.25	65	224560	40.973	ng	99
49) Acenaphthylene	13.87	152	1256377	46.860	ng	98
50) Dimethylphthalate	13.63	163	1068975	47.854	ng	100
51) 2,6-Dinitrotoluene	13.76	165	201706	41.075	ng	97
52) Acenaphthene	14.22	154	720870	43.995	ng	98
53) 3-Nitroaniline	14.09	138	112547	21.779	ng	99
54) 2,4-Dinitrophenol	14.32	184	213660	78.873	ng	94
55) Dibenzofuran	14.56	168	1135193	43.117	ng	99
56) 4-Nitrophenol	14.42	139	297798	76.005	ng	96
57) 2,4-Dinitrotoluene	14.56	165	278293	40.999	ng	93
58) Fluorene	15.22	166	896079	44.066	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.80	232	241343	42.476	ng	98
60) Diethylphthalate	15.01	149	921796	38.238	ng	99
61) 4-Chlorophenyl-phenylether	15.22	204	464351	40.377	ng	99
62) 4-Nitroaniline	15.27	138	165382	33.727	ng	94
63) Azobenzene	15.51	77	832855	37.889	ng	98
65) 4,6-Dinitro-2-methylphenol	15.33	198	145526	40.509	ng	98
66) n-Nitrosodiphenylamine	15.44	169	754248	46.741	ng	100
67) 4-Bromophenyl-phenylether	16.12	248	258767	43.785	ng	97
68) Hexachlorobenzene	16.22	284	283551	43.794	ng	99
69) Atrazine	16.41	200	241381	44.308	ng	97
70) Pentachlorophenol	16.57	266	325004	76.006	ng	99
71) Phenanthrene	16.96	178	1181248	44.564	ng	99
72) Anthracene	17.05	178	1200449	45.651	ng	99
73) Carbazole	17.33	167	1067508	39.551	ng	99
74) Di-n-butylphthalate	17.90	149	1270782	38.159	ng	99
75) Fluoranthene	18.99	202	1136608	36.882	ng	99
77) Benzidine	19.20	184	339845	36.108	ng	99
78) Pyrene	19.36	202	1132824	51.224	ng	99
80) Butylbenzylphthalate	20.28	149	451450	42.910	ng	98
81) Benzo(a)anthracene	21.12	228	987682	45.555	ng	99
82) 3,3'-Dichlorobenzidine	21.07	252	223889	25.848	ng	97
83) Chrysene	21.17	228	909316	43.604	ng	99
84) Bis(2-ethylhexyl)phthalate	21.06	149	649018	41.391	ng	100
85) Di-n-octyl phthalate	21.93	149	1069934	41.665	ng	98
86) Indeno(1,2,3-cd)pyrene	25.43	276	1290022	62.100	ng	100
88) Benzo(b)fluoranthene	22.66	252	1001272	44.789	ng	99
89) Benzo(k)fluoranthene	22.70	252	976495	43.860	ng	99
90) Benzo(a)pyrene	23.20	252	979502	46.068	ng	99
91) Dibenzo(a,h)anthracene	25.44	278	1101152	55.908	ng	99
92) Benzo(g,h,i)perylene	26.09	276	1088451	58.463	ng	99

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



#1

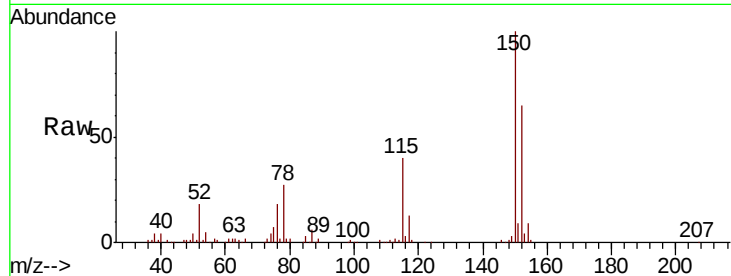
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.50 min Scan# 784
Delta R.T. -0.01 min
Lab File: BM018237.D
Acq: 16 Dec 2018 21:35

Instrument :
BNA_M
ClientSampleId :
P001-SS003-1824-01MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	116.1	174.1
115	62.2	44.6	67.0

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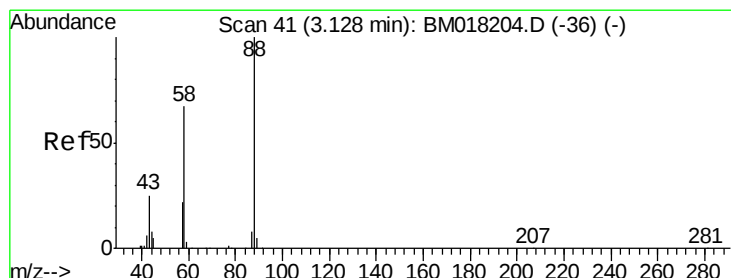
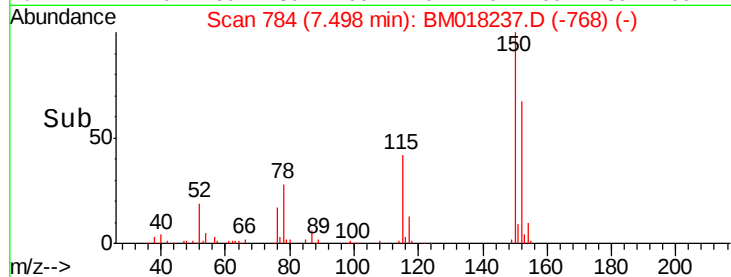
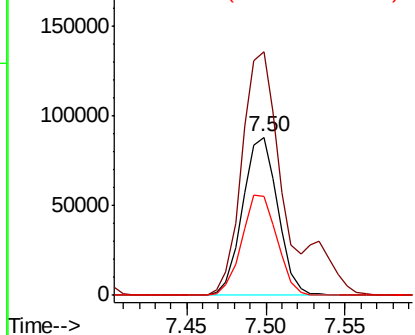


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

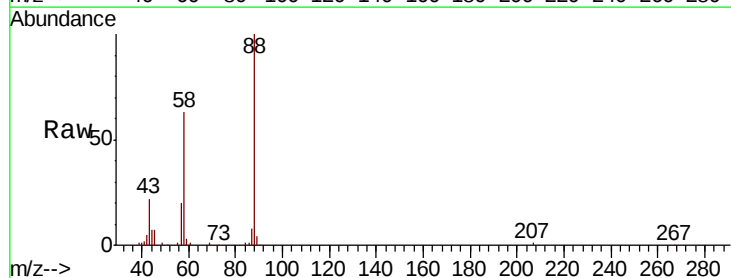
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 33.822 ng
RT: 3.13 min Scan# 41
Delta R.T. -0.00 min
Lab File: BM018237.D
Acq: 16 Dec 2018 21:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.1	49.8	74.6
43	22.5	19.1	28.7

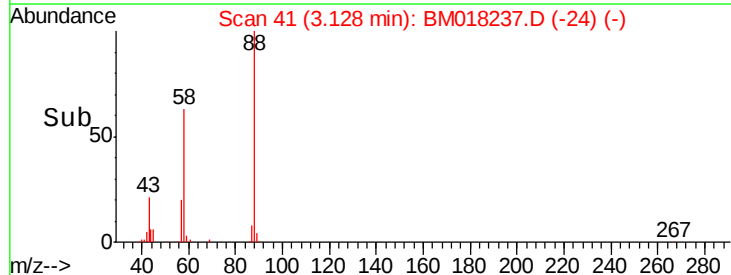
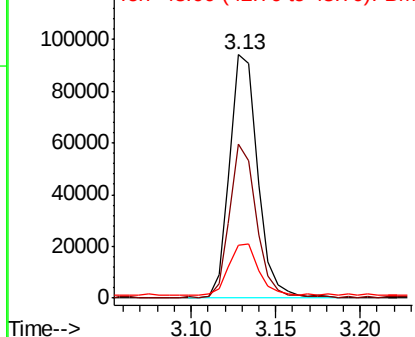


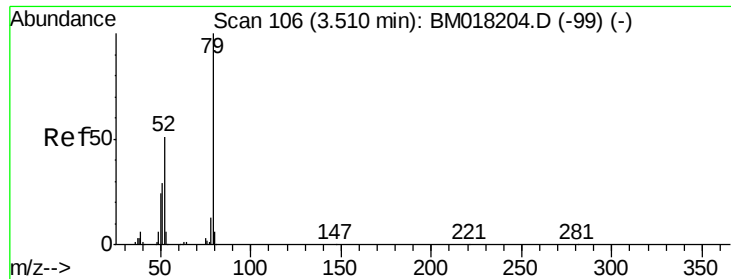
Abundance

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





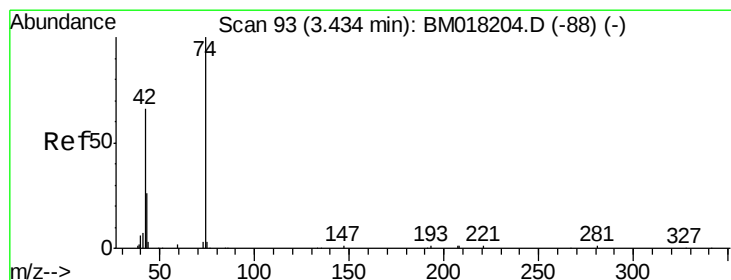
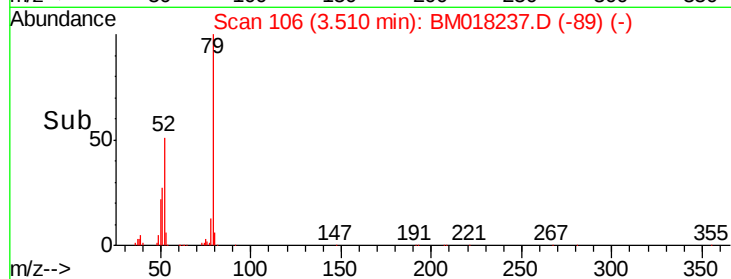
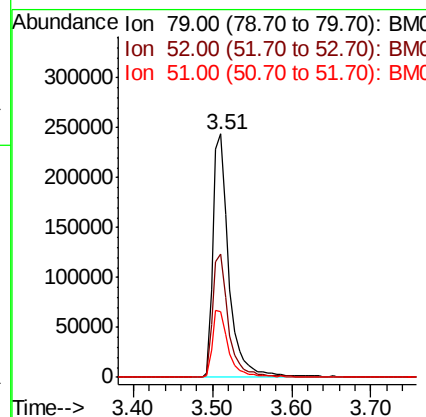
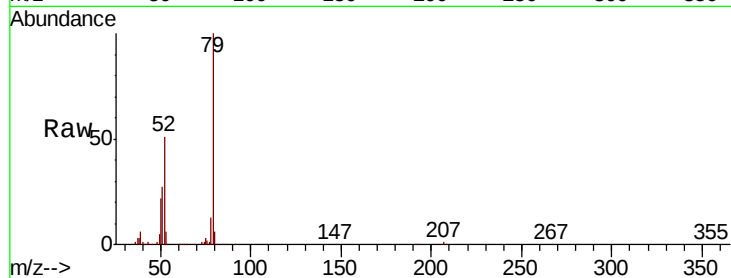
#3
 Pvridine
 Concen: 35.971 ng
 RT: 3.51 min Scan# 106
 Delta R.T. -0.00 min
 Lab File: BM018237.D
 Acq: 16 Dec 2018 21:35

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 P001-SS003-1824-01MSD

Tot Ion	Ion	Ratio	Lower	Upper
79	79	100		
52	52	50.6	40.7	61.1
51	51	26.9	23.0	34.6

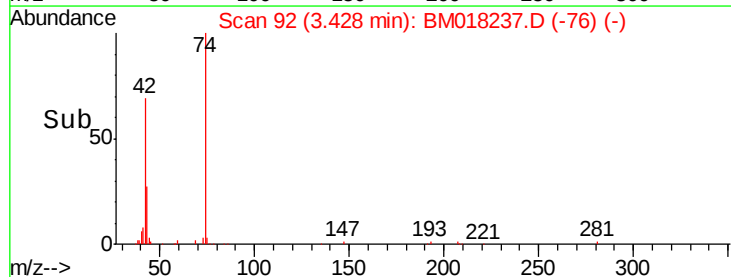
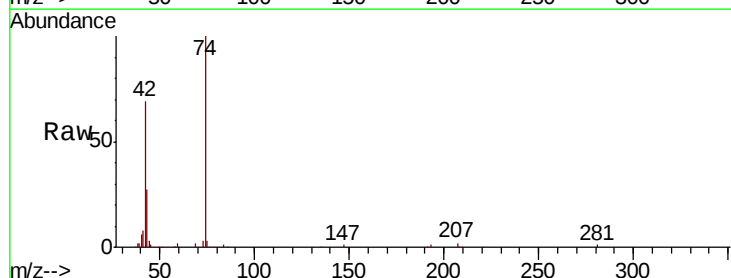
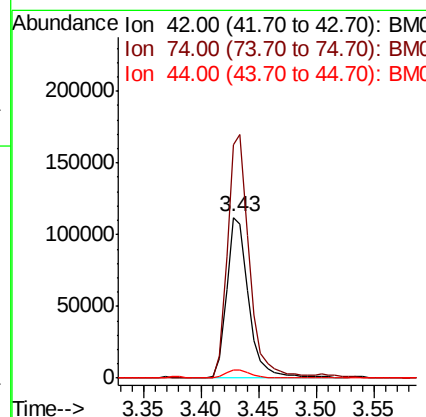
Manual Integrations
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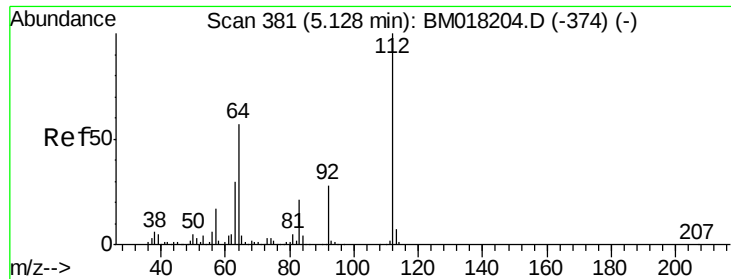
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#4
 n-Nitrosodimethylamine
 Concen: 45.397 ng
 RT: 3.43 min Scan# 92
 Delta R.T. -0.01 min
 Lab File: BM018237.D
 Acq: 16 Dec 2018 21:35

Tgt Ion	Ion	Ratio	Lower	Upper
42	42	100		
74	74	145.3	120.4	180.6
44	44	5.0	4.6	7.0





#5

2-Fluorophenol

Concen: 148.273 ng

RT: 5.13 min Scan# 382

Delta R.T. 0.01 min

Lab File: BM018237.D

Acq: 16 Dec 2018 21:35

Instrument :

BNA_M

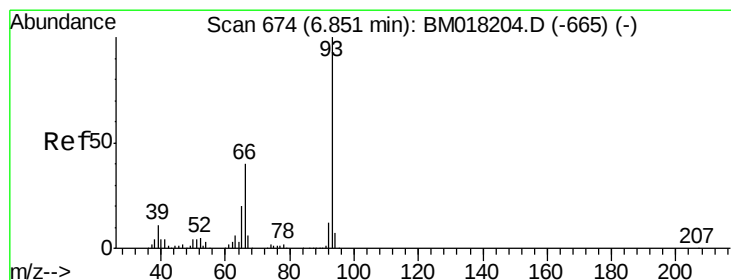
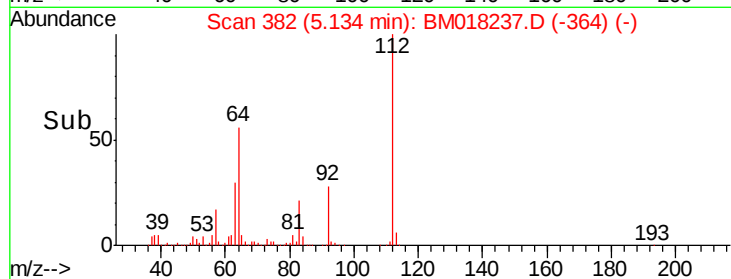
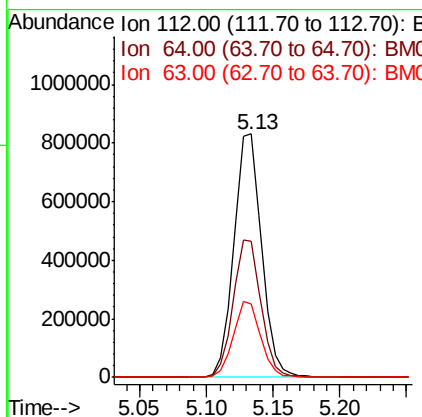
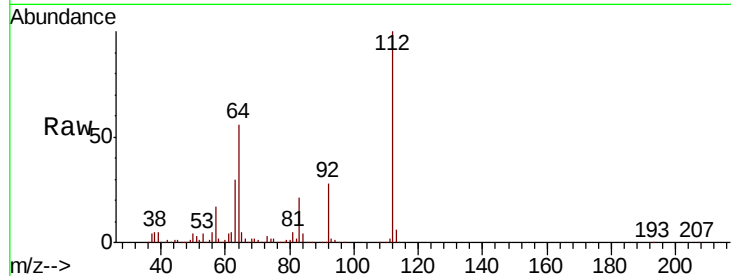
ClientSampleId :

P001-SS003-1824-01MSD

Tot Ion:	112	Resp:	1206751
Ion Ratio	Lower	Upper	
112	100		
64	55.9	45.4	68.2
63	30.0	24.0	36.0

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#6

Aniline

Concen: 16.170 ng

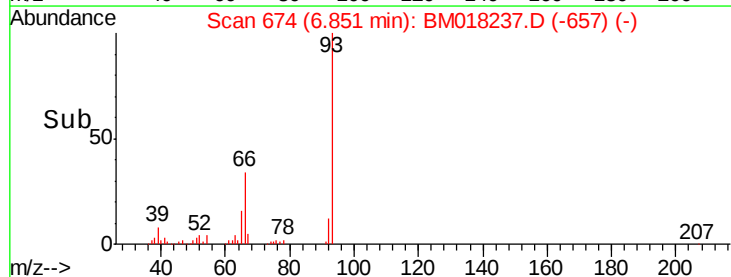
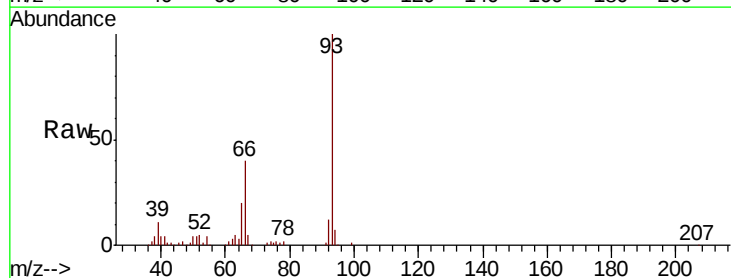
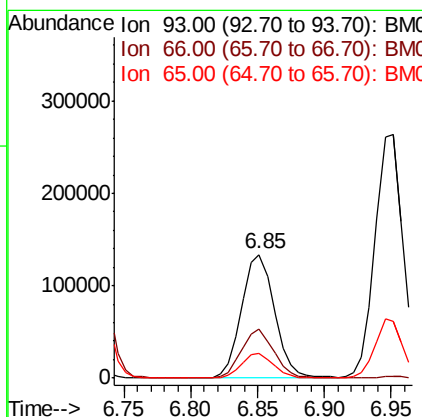
RT: 6.85 min Scan# 674

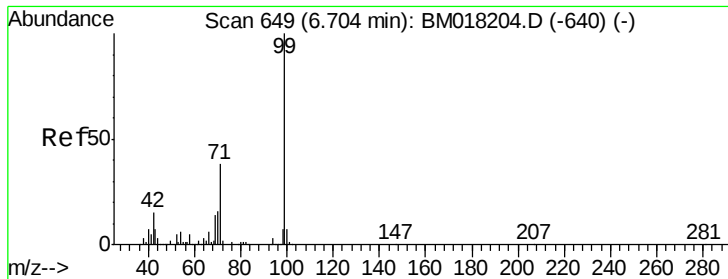
Delta R.T. -0.00 min

Lab File: BM018237.D

Acq: 16 Dec 2018 21:35

Tgt Ion:	93	Resp:	229467
Ion Ratio	Lower	Upper	
93	100		
66	40.0	32.3	48.5
65	20.1	16.2	24.4





#7

Phenol-d6

Concen: 141.823 ng

RT: 6.70 min Scan# 649

Delta R.T. -0.00 min

Lab File: BM018237.D

Acq: 16 Dec 2018 21:35

Instrument :

BNA_M

ClientSampleId :

P001-SS003-1824-01MSD

Tot Ion: 99 Resp: 1604324

Ion Ratio Lower Upper

99 100

42 15.3 12.3 18.5

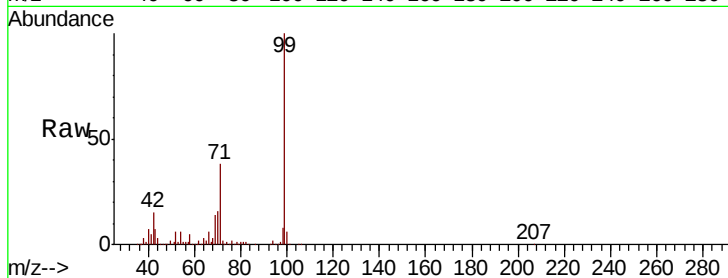
71 37.7 30.2 45.2

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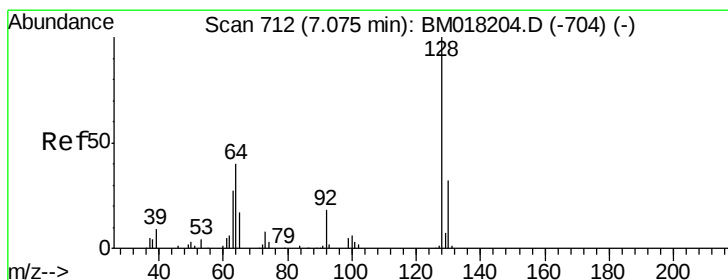
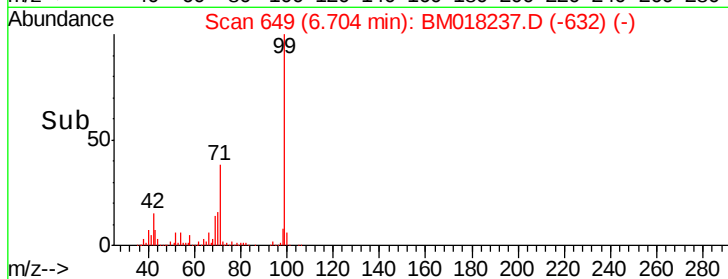
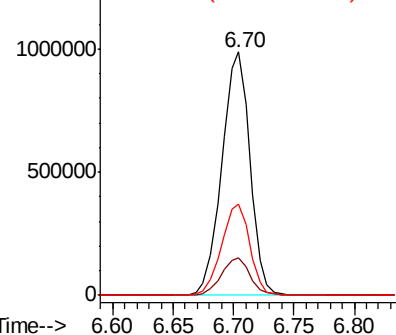
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Abundance Ion 99.00 (98.70 to 99.70): BM018204.D (-640) (-)

Ion 42.00 (41.70 to 42.70): BM018204.D (-640) (-)

Ion 71.00 (70.70 to 71.70): BM018204.D (-640) (-)



#8

2-Chlorophenol

Concen: 43.398 ng

RT: 7.07 min Scan# 711

Delta R.T. -0.01 min

Lab File: BM018237.D

Acq: 16 Dec 2018 21:35

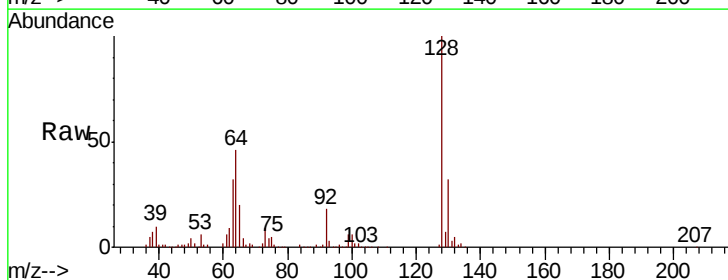
Tgt Ion: 128 Resp: 417311

Ion Ratio Lower Upper

128 100

130 32.4 12.3 52.3

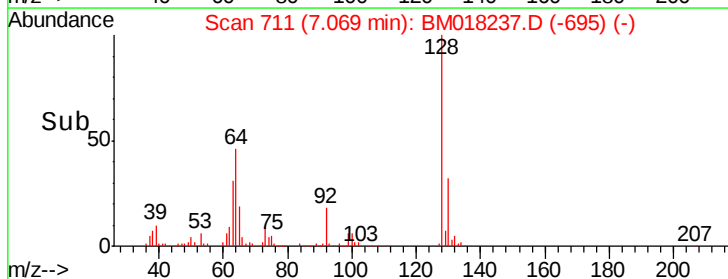
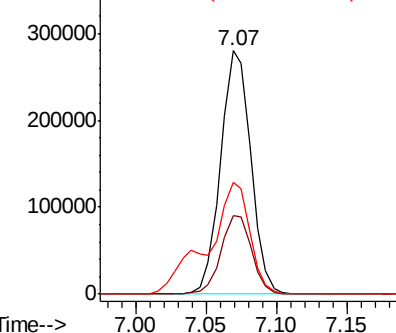
64 45.8 24.1 64.1

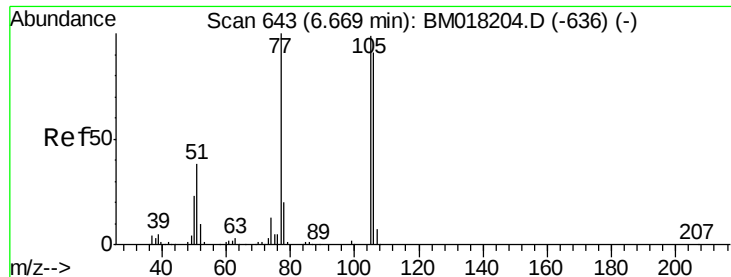


Abundance Ion 128.00 (127.70 to 128.70): BM018204.D (-704) (-)

Ion 130.00 (129.70 to 130.70): BM018204.D (-704) (-)

Ion 64.00 (63.70 to 64.70): BM018204.D (-704) (-)





#9

Benzaldehyde

Concen: 20.966 ng

RT: 6.66 min Scan# 642

Delta R.T. -0.01 min

Lab File: BM018237.D

Acq: 16 Dec 2018 21:35

Instrument :

BNA_M

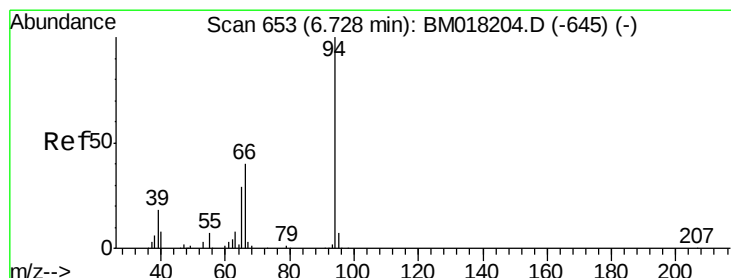
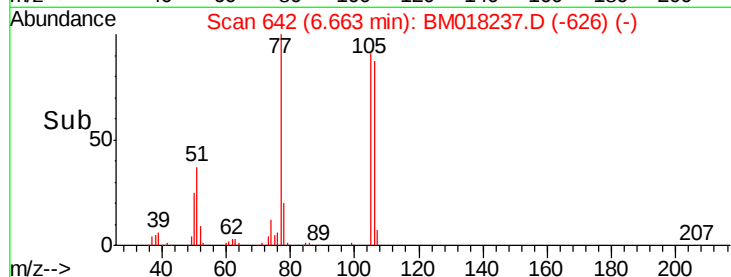
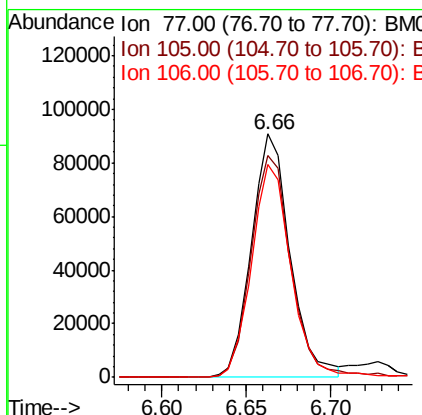
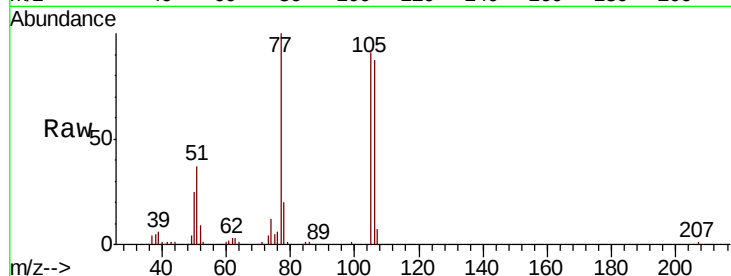
ClientSampleId :

P001-SS003-1824-01MSD

Tot Ion:	77	Resp:	144564
Ion Ratio	Lower	Upper	
77	100		
105	91.2	78.8	118.8
106	87.4	70.7	110.7

Manual Integrations
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#10

Phenol

Concen: 51.762 ng

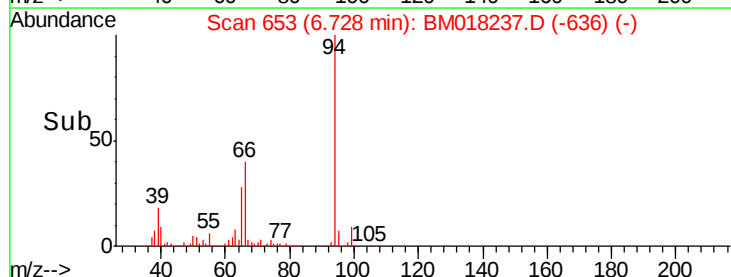
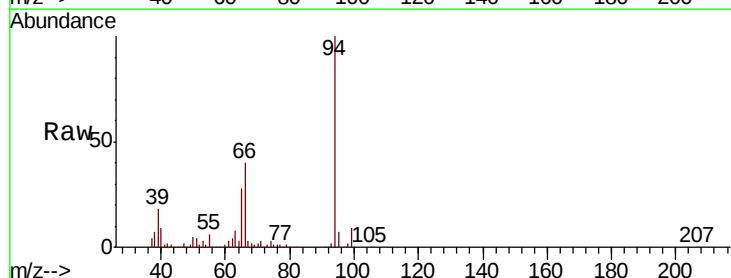
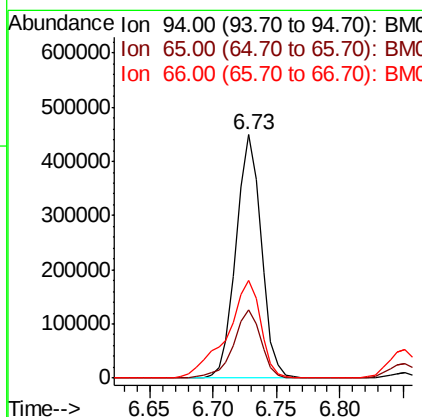
RT: 6.73 min Scan# 653

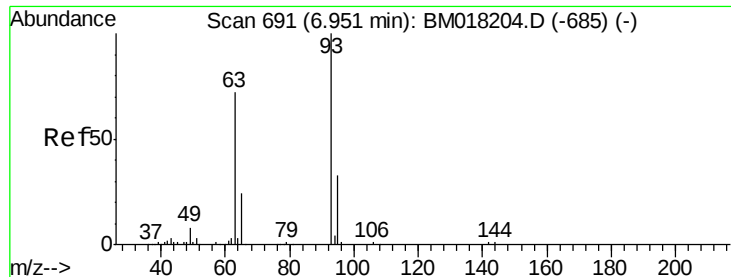
Delta R.T. -0.00 min

Lab File: BM018237.D

Acq: 16 Dec 2018 21:35

Tgt Ion:	94	Resp:	620121
Ion Ratio	Lower	Upper	
94	100		
65	28.2	9.5	49.5
66	40.2	21.3	61.3





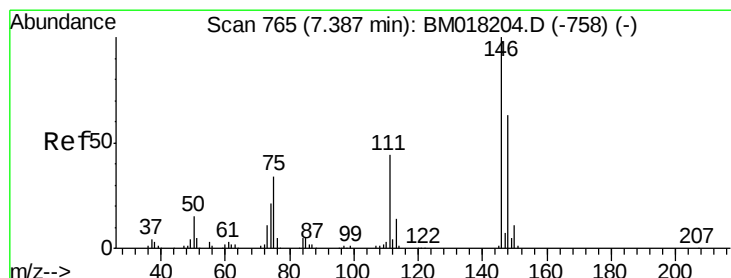
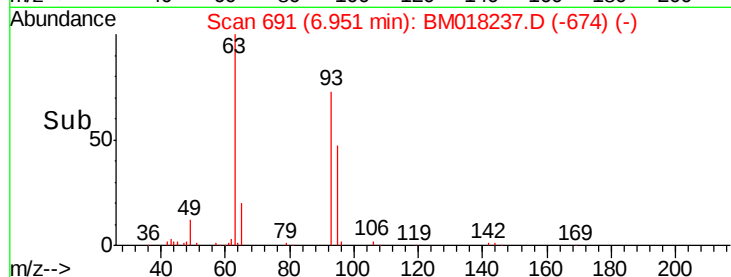
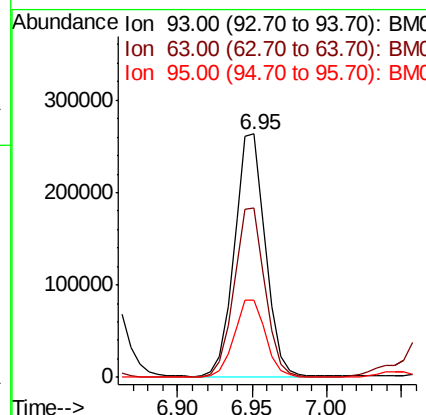
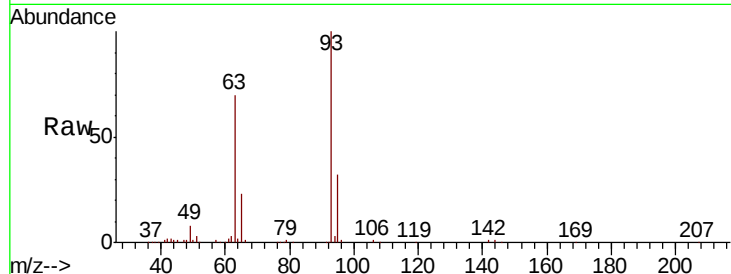
#11
bis(2-Chloroethyl)ether
Concen: 39.774 ng
RT: 6.95 min Scan# 691
Delta R.T. -0.00 min
Lab File: BM018237.D
Acq: 16 Dec 2018 21:35

Instrument :
BNA_M
ClientSampleId :
P001-SS003-1824-01MSD

Tot Ion:	93	Resp:	378702
Ion	Ratio	Lower	Upper
93	100		
63	69.8	51.7	91.7
95	31.7	13.1	53.1

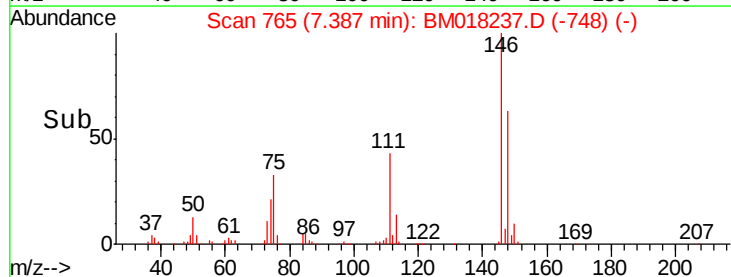
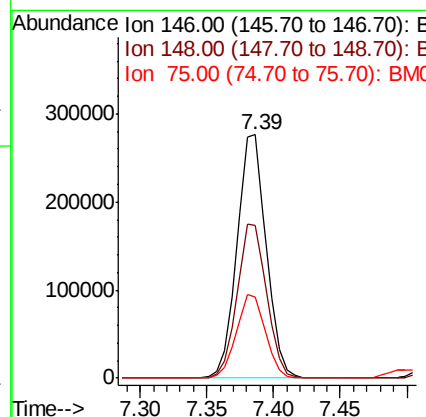
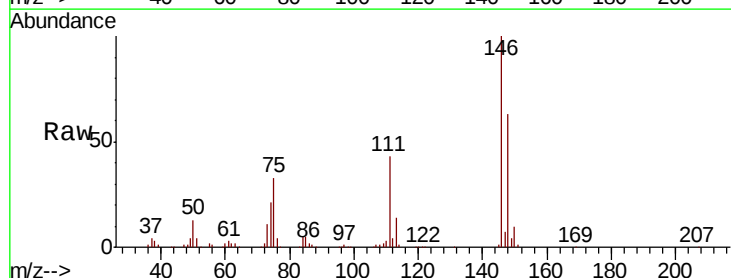
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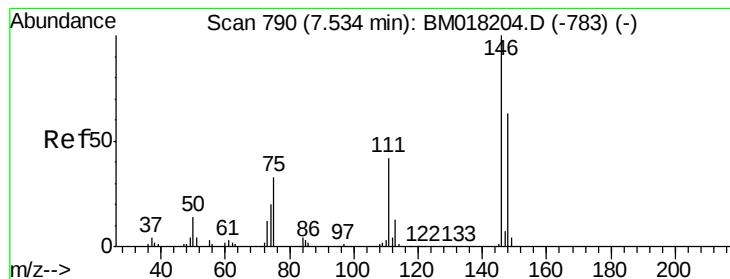
Sohil
12/17/2018 4:20:59 PM



#12
1,3-Dichlorobenzene
Concen: 39.220 ng
RT: 7.39 min Scan# 765
Delta R.T. -0.00 min
Lab File: BM018237.D
Acq: 16 Dec 2018 21:35

Tgt Ion:	146	Resp:	421143
Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.6	76.0
75	33.0	27.0	40.4





#13

1,4-Dichlorobenzene

Concen: 39.836 ng

RT: 7.53 min Scan# 790

Delta R.T. -0.00 min

Lab File: BM018237.D

Acq: 16 Dec 2018 21:35

Instrument :

BNA_M

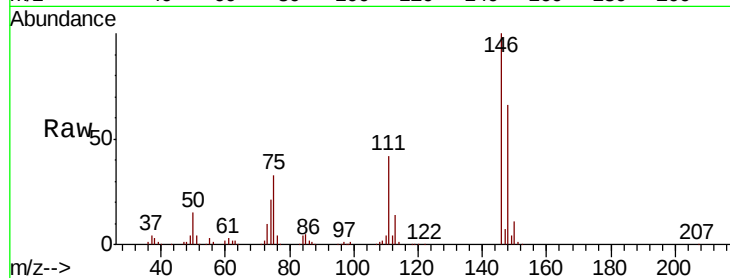
ClientSampleId :

P001-SS003-1824-01MSD

Tot Ion:	146	Resp:	434377
Ion Ratio	Lower	Upper	
146	100		
148	65.7	50.7	76.1
111	42.1	34.2	51.2

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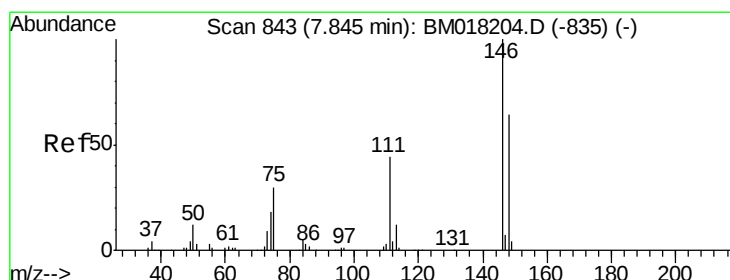
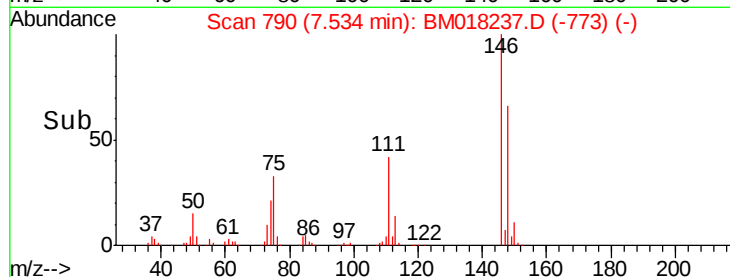
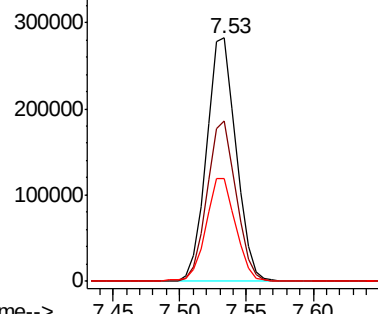


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.906 ng

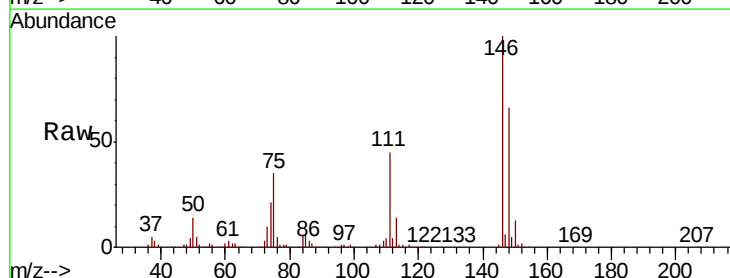
RT: 7.84 min Scan# 842

Delta R.T. -0.01 min

Lab File: BM018237.D

Acq: 16 Dec 2018 21:35

Tgt Ion:	146	Resp:	419477
Ion Ratio	Lower	Upper	
146	100		
148	66.2	51.3	76.9
111	44.6	35.8	53.8

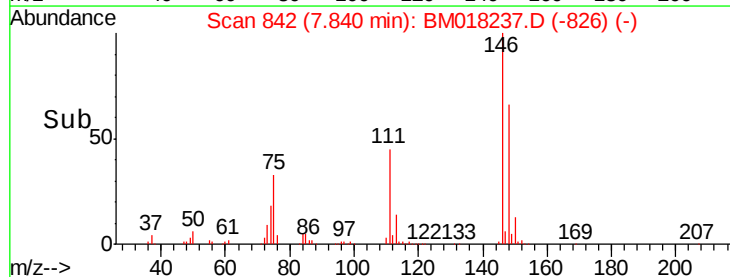
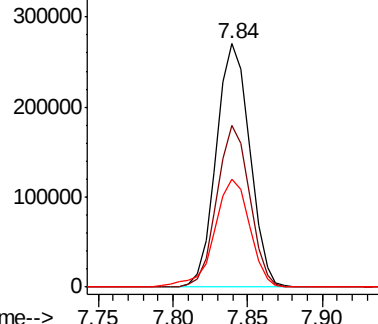


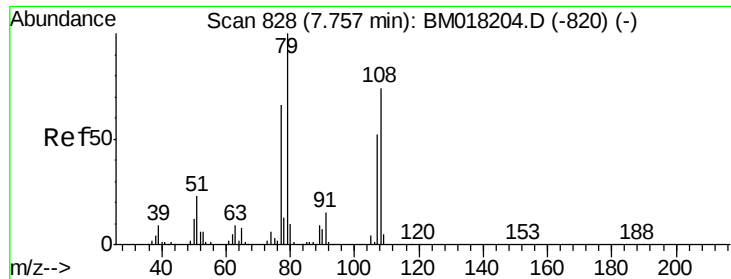
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.356 ng

RT: 7.75 min Scan# 827

Delta R.T. -0.01 min

Lab File: BM018237.D

Acq: 16 Dec 2018 21:35

Instrument :

BNA_M

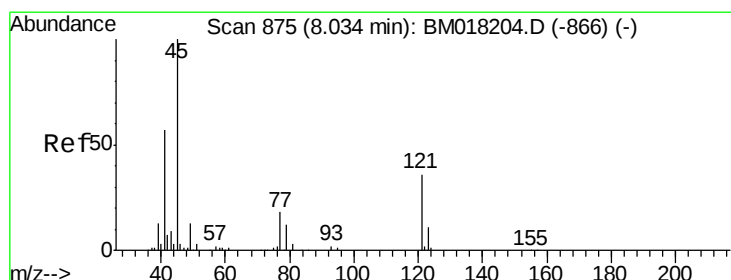
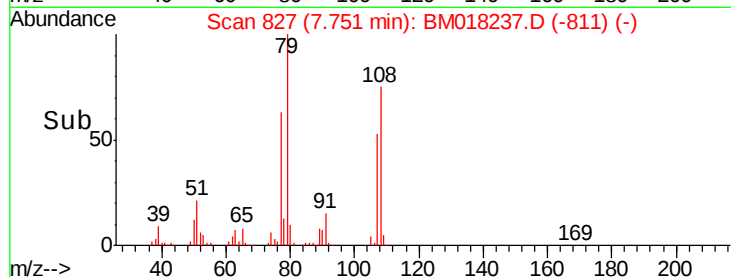
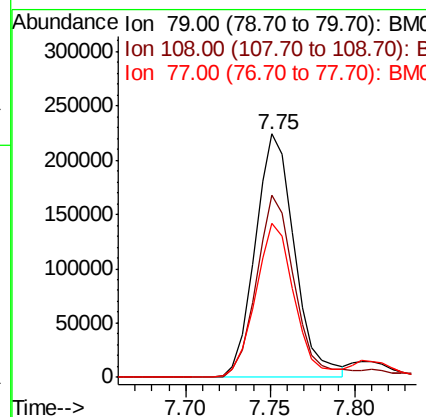
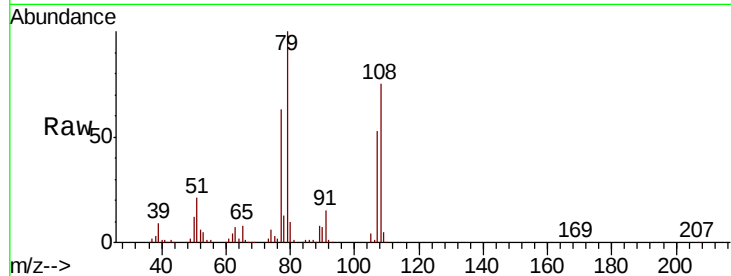
ClientSampleId :

P001-SS003-1824-01MSD

Tot Ion:	79	Resp:	362767
Ion Ratio	Lower	Upper	
79	100		
108	74.6	59.3	88.9
77	63.2	53.0	79.4

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#16

2,2'-oxybis(1-chloropropane)

Concen: 38.209 ng

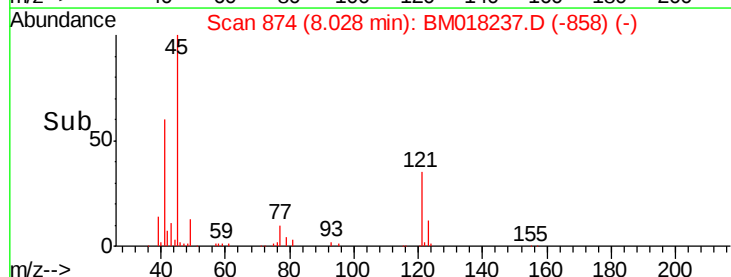
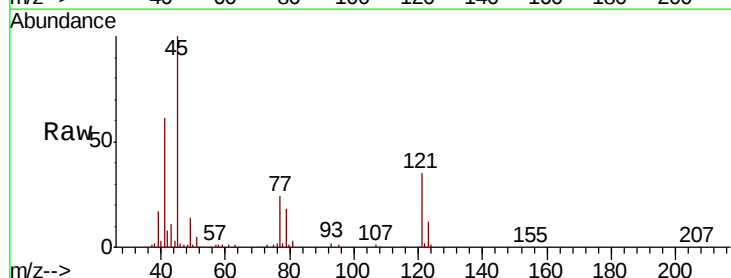
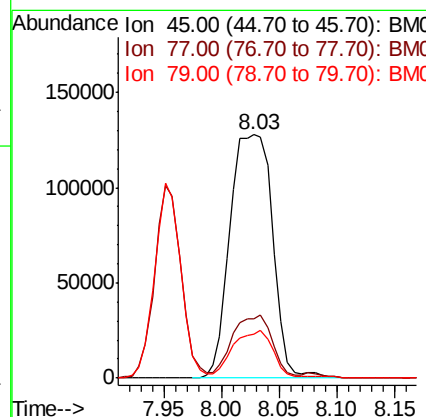
RT: 8.03 min Scan# 874

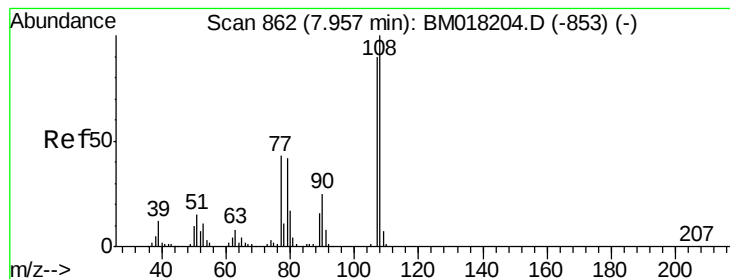
Delta R.T. -0.01 min

Lab File: BM018237.D

Acq: 16 Dec 2018 21:35

Tgt Ion:	45	Resp:	327390
Ion Ratio	Lower	Upper	
45	100		
77	24.2	2.5	42.5
79	17.9	0.0	37.2





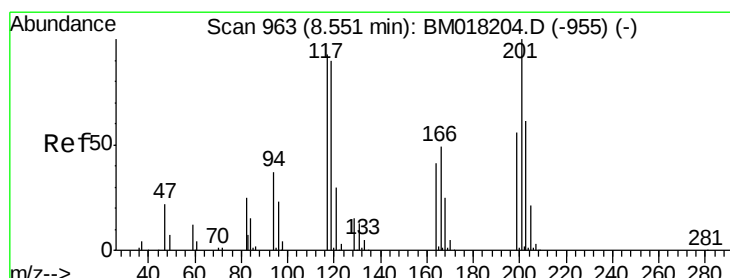
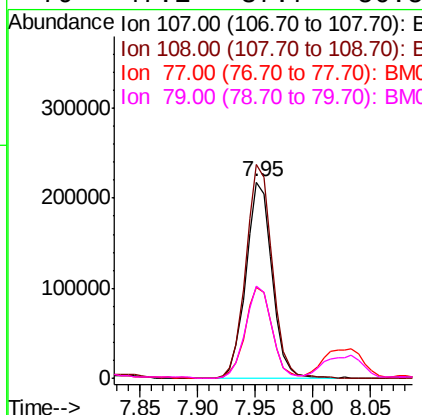
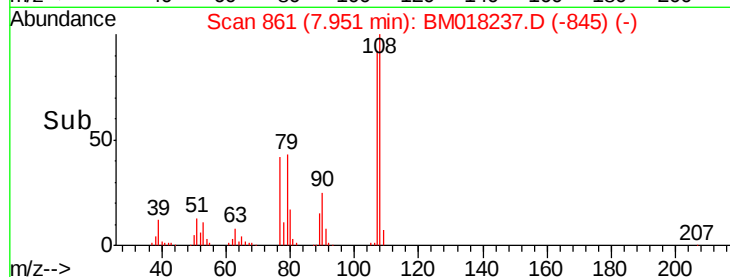
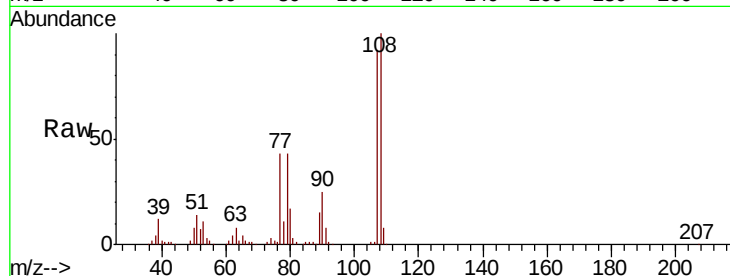
#17
2-Methylphenol
Concen: 42.714 ng
RT: 7.95 min Scan# 861
Delta R.T. -0.01 min
Lab File: BM018237.D
Acq: 16 Dec 2018 21:35

Instrument :
BNA_M
ClientSampleId :
P001-SS003-1824-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.8	89.3	133.9	
77	46.4	38.2	57.4	
79	47.1	37.7	56.5	

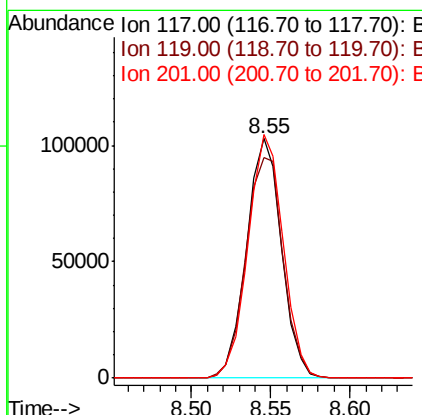
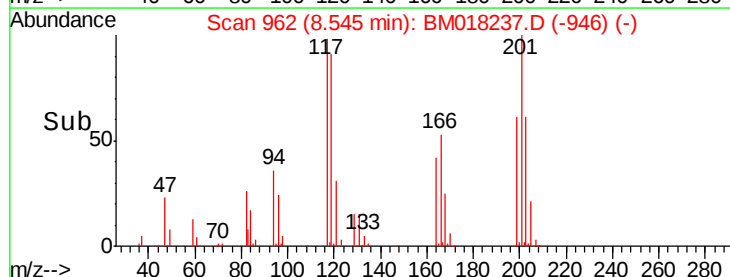
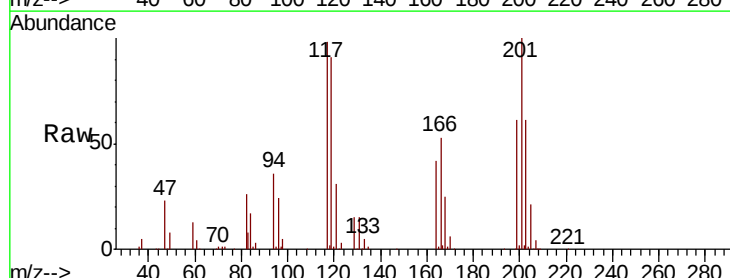
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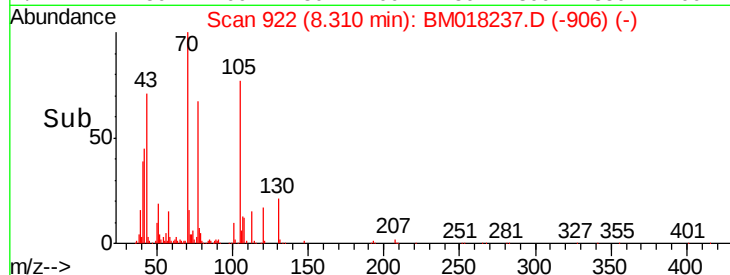
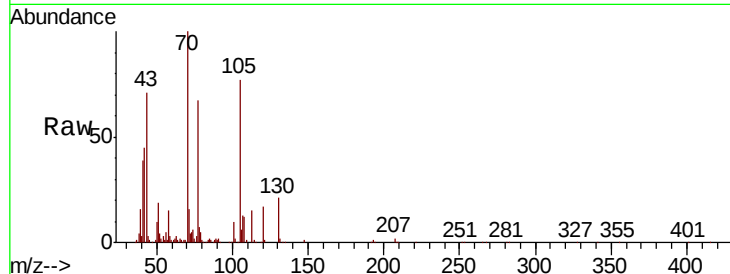
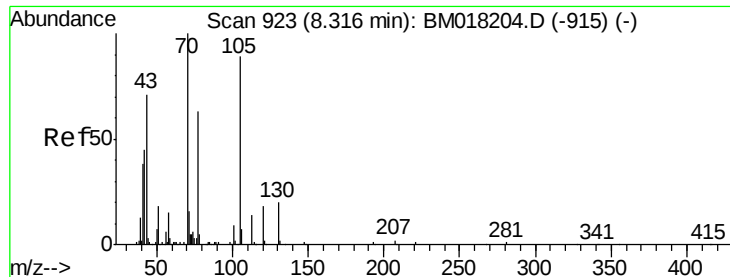
Sohil
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#18
Hexachloroethane
Concen: 39.431 ng
RT: 8.55 min Scan# 962
Delta R.T. -0.01 min
Lab File: BM018237.D
Acq: 16 Dec 2018 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	92.2	77.0	115.4	
201	101.6	85.7	128.5	





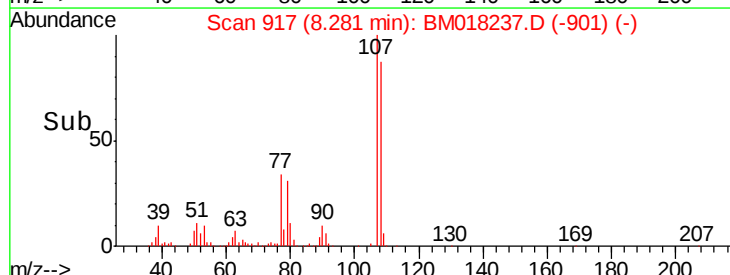
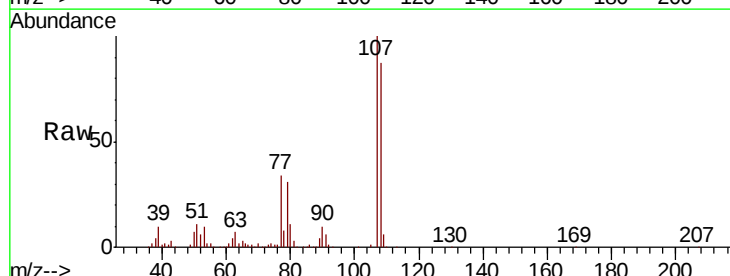
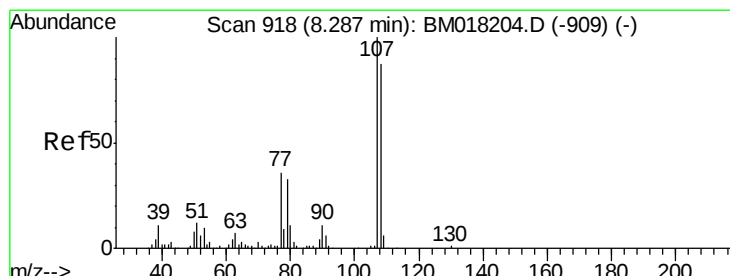
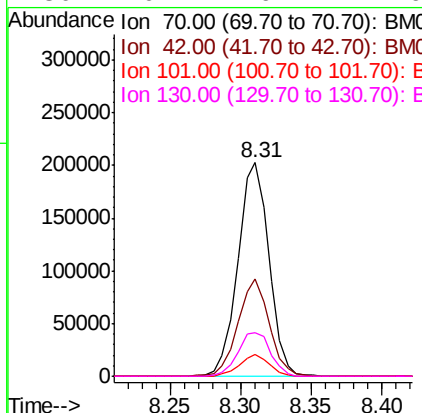
#19
n-Nitroso-di-n-propylamine
Concen: 36.764 ng
RT: 8.31 min Scan# 922
Delta R.T. -0.01 min
Lab File: BM018237.D
Acq: 16 Dec 2018 21:35

Instrument :
BNA_M
ClientSampleId :
P001-SS003-1824-01MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	45.4	36.2	54.2	
101	10.2	7.5	11.3	
130	20.7	16.4	24.6	

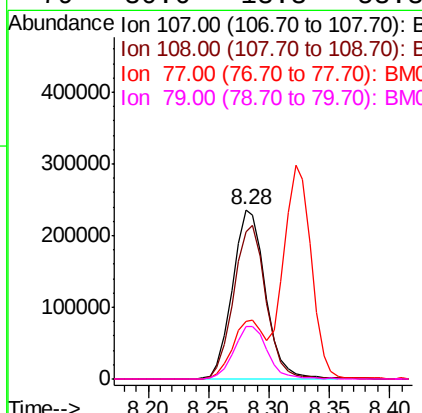
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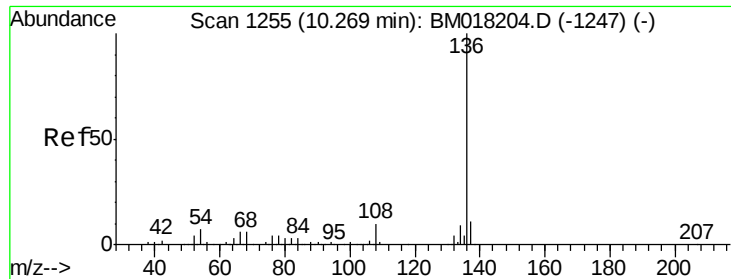
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#20
3+4-Methylphenols
Concen: 39.977 ng
RT: 8.28 min Scan# 917
Delta R.T. -0.01 min
Lab File: BM018237.D
Acq: 16 Dec 2018 21:35

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.7	67.4	107.4	
77	34.3	15.7	55.7	
79	30.6	13.3	53.3	





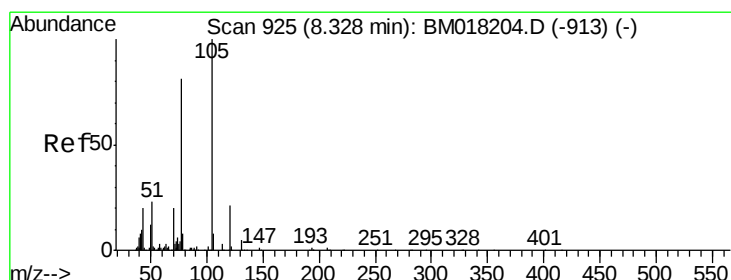
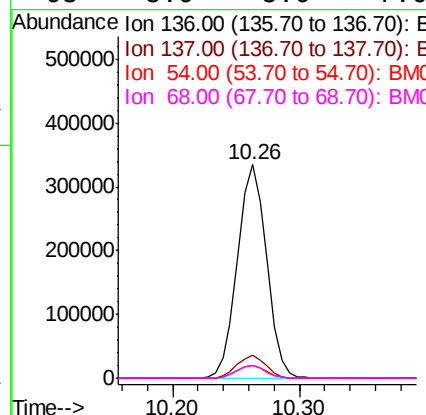
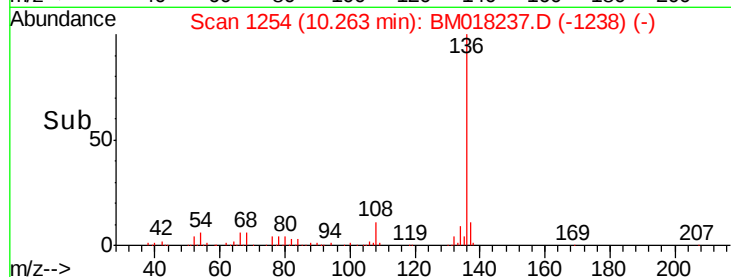
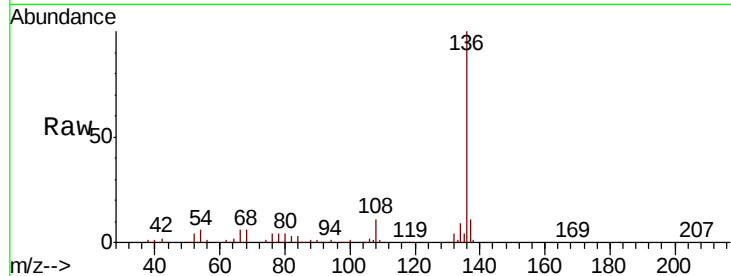
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.26 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BM018237.D
Acq: 16 Dec 2018 21:35

Instrument :
BNA_M
ClientSampleId :
P001-SS003-1824-01MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		531802		
137	10.9	9.2	13.8		
54	6.1	5.2	7.8		
68	5.9	5.0	7.6		

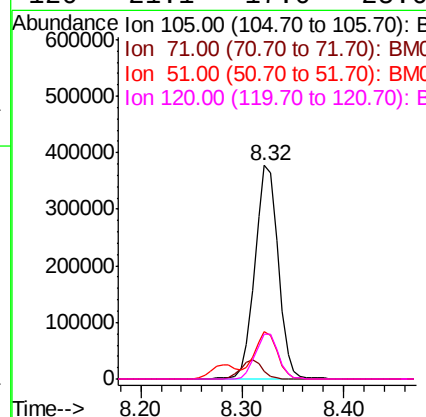
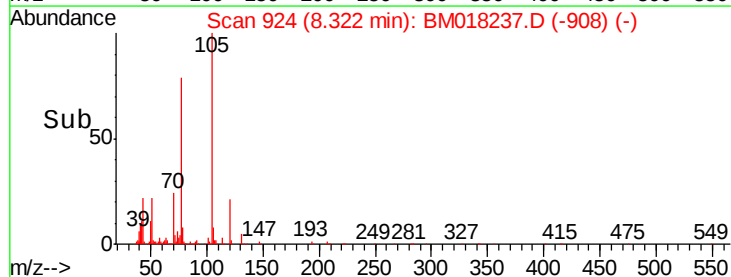
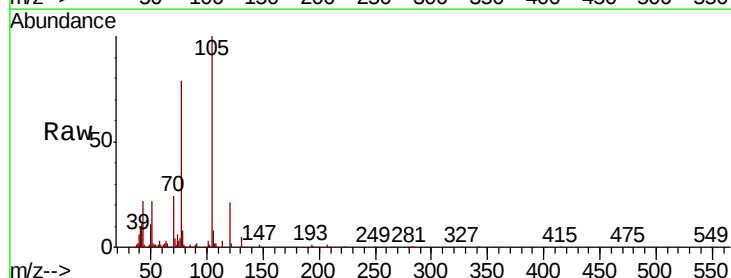
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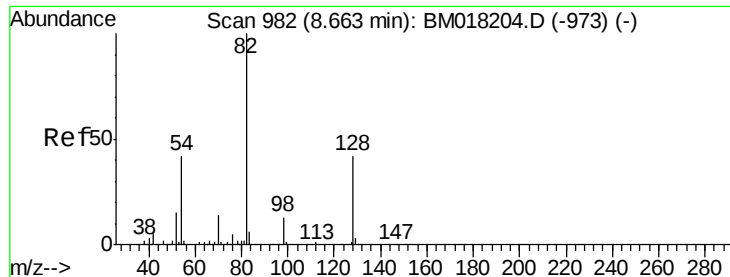
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#22
Acetophenone
Concen: 42.840 ng
RT: 8.32 min Scan# 924
Delta R.T. -0.01 min
Lab File: BM018237.D
Acq: 16 Dec 2018 21:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		602899		
71	3.9	2.6	4.0		
51	22.5	18.3	27.5		
120	21.1	17.0	25.6		





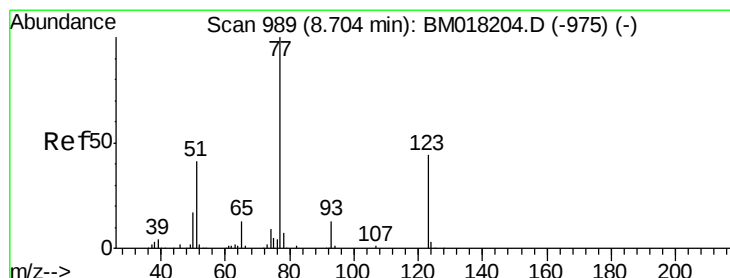
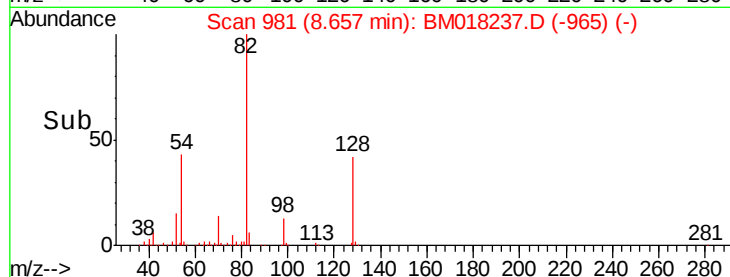
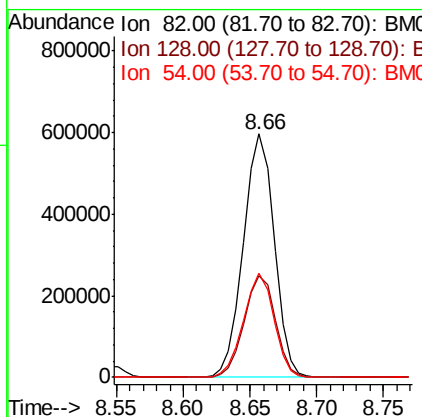
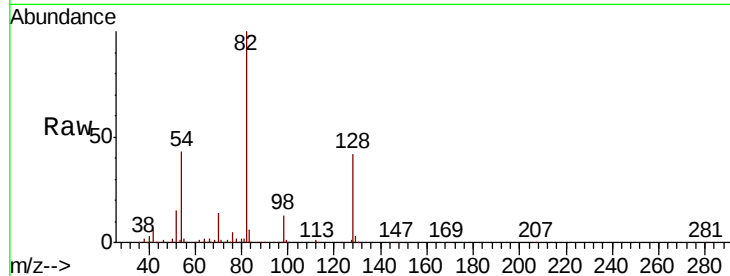
#23
Nitrobenzene-d5
Concen: 92.227 ng
RT: 8.66 min Scan# 981
Delta R.T. -0.01 min
Lab File: BM018237.D
Acq: 16 Dec 2018 21:35

Instrument :
BNA_M
ClientSampleId :
P001-SS003-1824-01MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.8	33.4	50.2
54	42.6	33.4	50.2

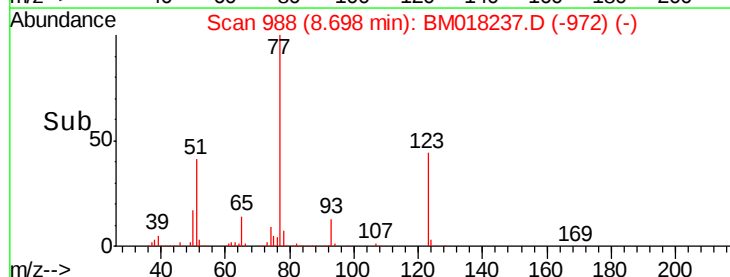
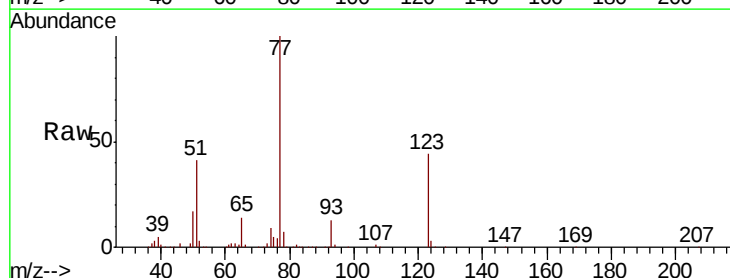
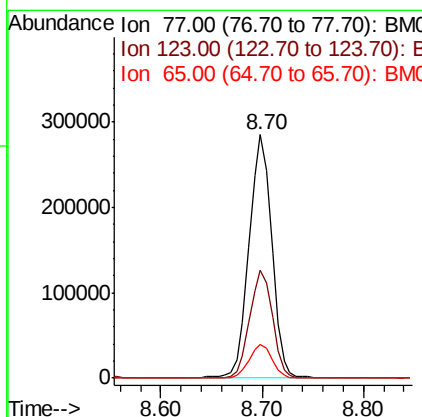
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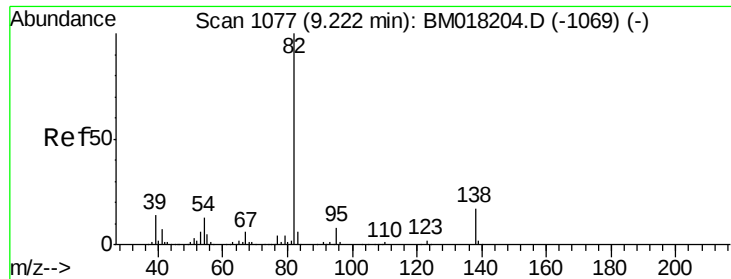
Sohil
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#24
Nitrobenzene
Concen: 43.330 ng
RT: 8.70 min Scan# 988
Delta R.T. -0.01 min
Lab File: BM018237.D
Acq: 16 Dec 2018 21:35

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.4	35.4	53.2
65	14.1	10.6	15.8





#25

Isophorone

Concen: 45.288 ng

RT: 9.22 min Scan# 1076

Delta R.T. -0.01 min

Lab File: BM018237.D

Acq: 16 Dec 2018 21:35

Instrument :

BNA_M

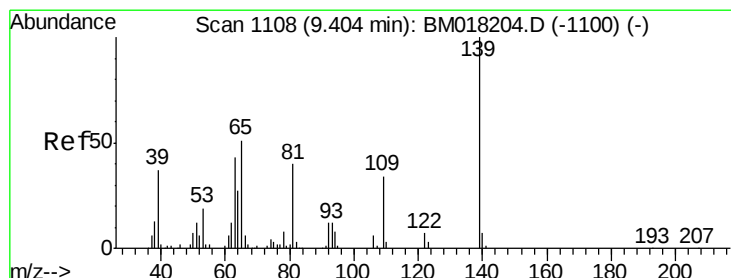
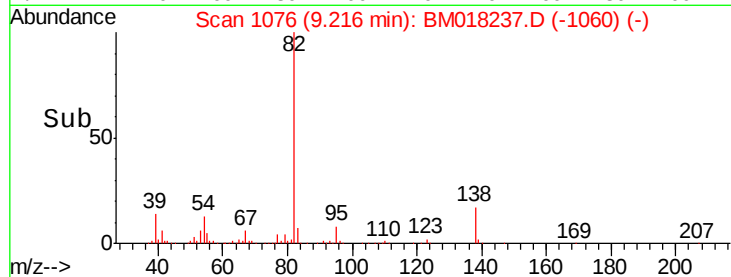
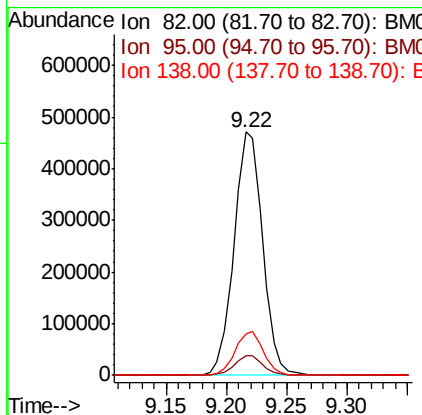
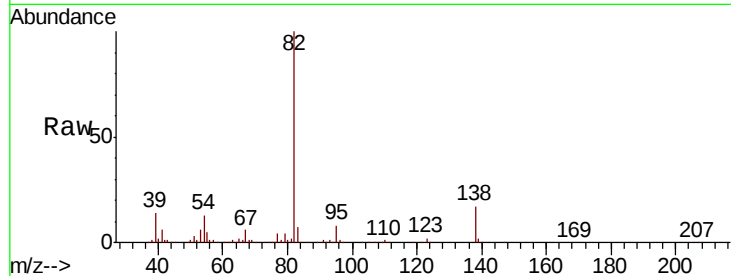
ClientSampleId :

P001-SS003-1824-01MSD

Tot Ion	82	Resp	781726
Ion Ratio	Lower	Upper	
82	100		
95	8.0	6.4	9.6
138	17.0	13.9	20.9

Manual Integrations
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#26

2-Nitrophenol

Concen: 42.954 ng

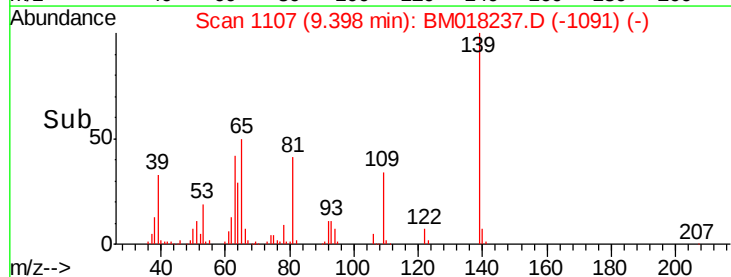
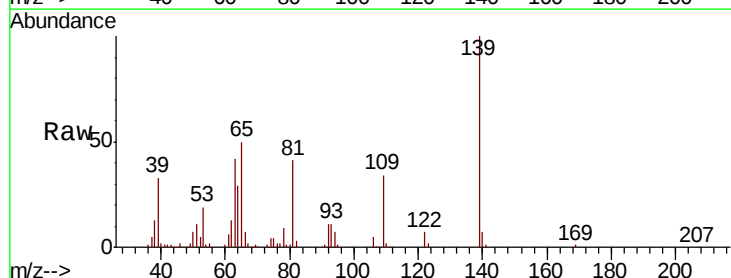
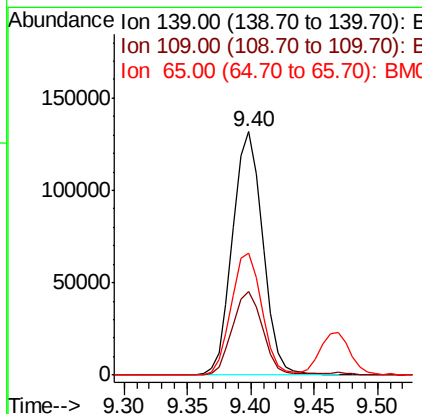
RT: 9.40 min Scan# 1107

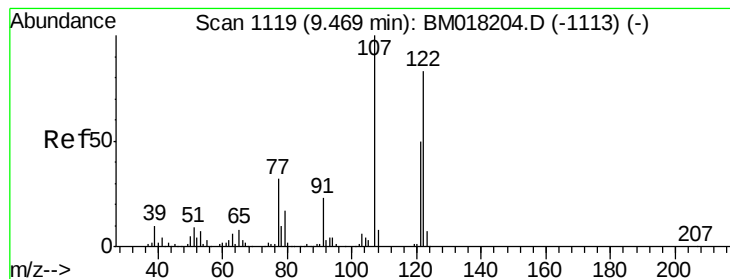
Delta R.T. -0.01 min

Lab File: BM018237.D

Acq: 16 Dec 2018 21:35

Tgt Ion	139	Resp	218249
Ion Ratio	Lower	Upper	
139	100		
109	34.4	27.4	41.0
65	50.2	41.0	61.4





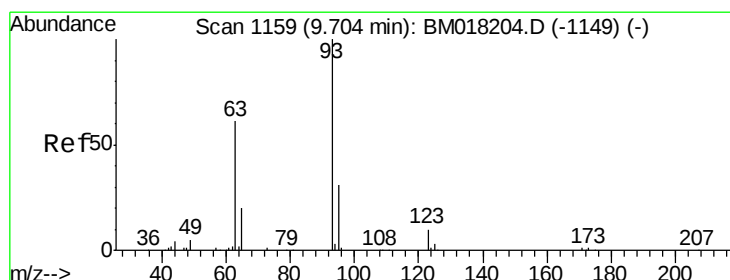
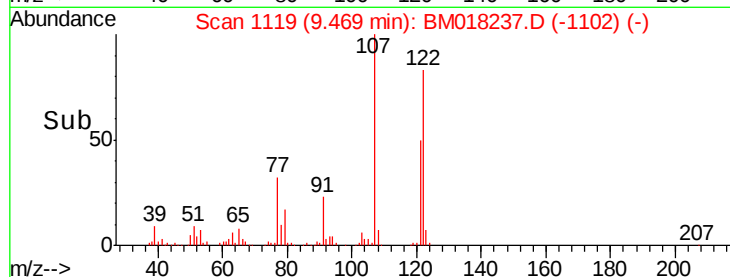
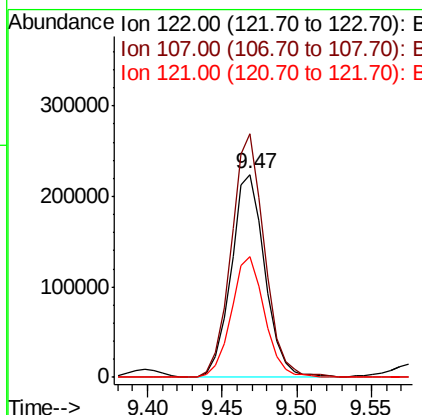
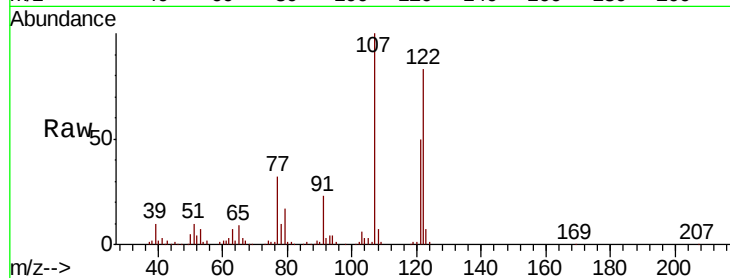
#27
2,4-Dimethylphenol
Concen: 47.890 ng
RT: 9.47 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BM018237.D
Acq: 16 Dec 2018 21:35

Instrument :
BNA_M
ClientSampleId :
P001-SS003-1824-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	350691		
107	120.1	96.5	144.7	
121	59.8	48.2	72.4	

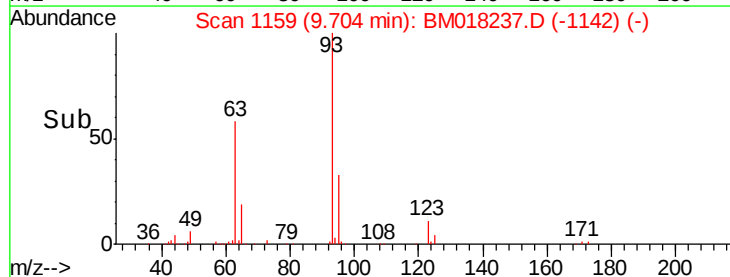
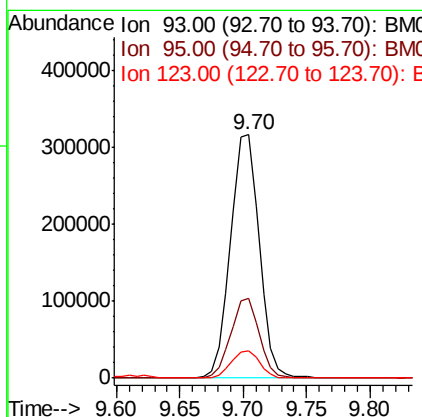
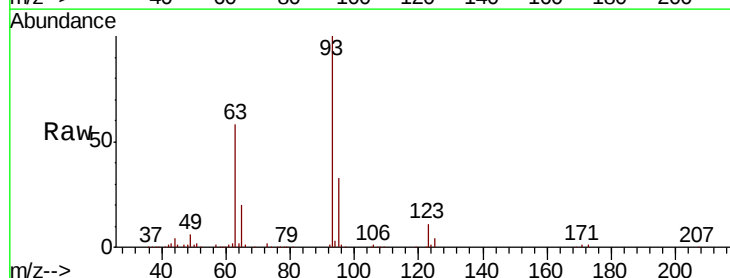
Manual Integrations
APPROVED

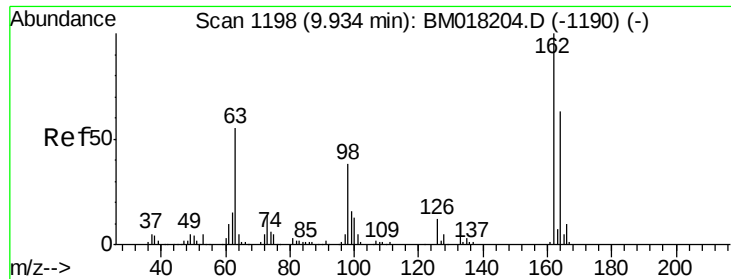
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#28
bis(2-Chloroethoxy)methane
Concen: 44.140 ng
RT: 9.70 min Scan# 1159
Delta R.T. -0.00 min
Lab File: BM018237.D
Acq: 16 Dec 2018 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	496645		
95	32.6	25.3	37.9	
123	11.4	9.3	13.9	





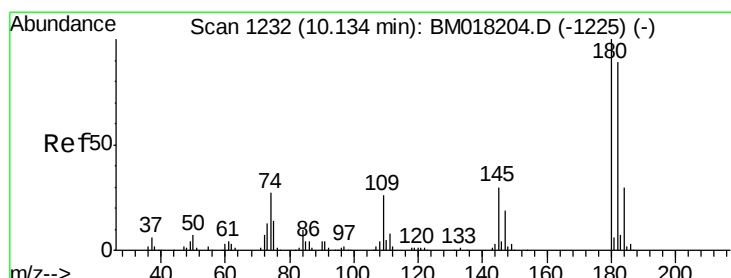
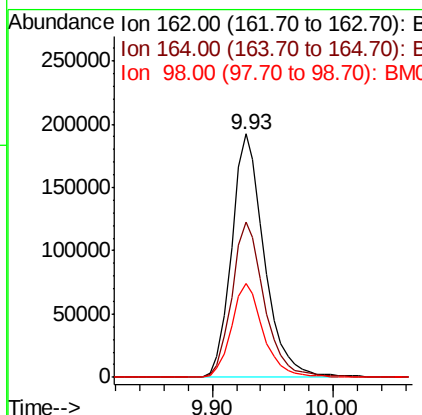
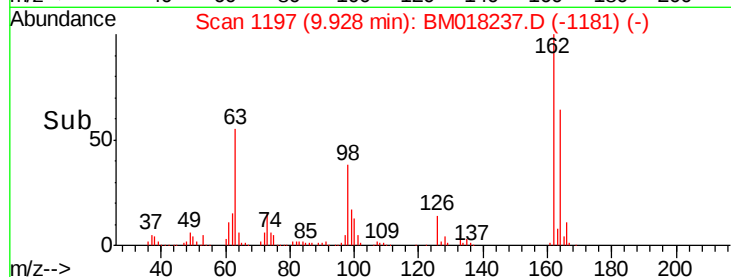
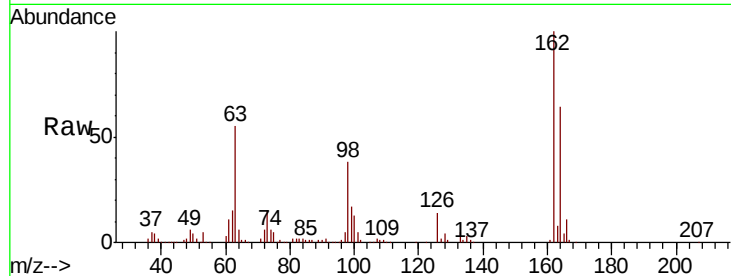
#29
2,4-Dichlorophenol
Concen: 44.426 ng
RT: 9.93 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BM018237.D
Acq: 16 Dec 2018 21:35

Instrument :
BNA_M
ClientSampleId :
P001-SS003-1824-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	360697		
164	63.7	43.0	83.0	
98	38.5	18.3	58.3	

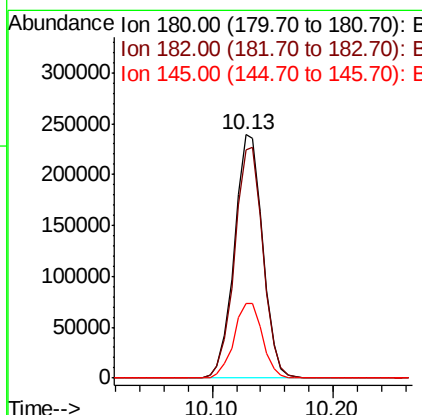
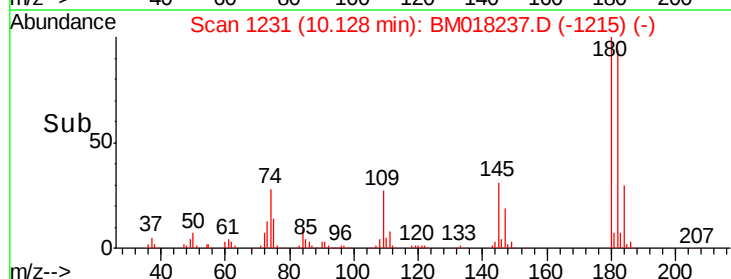
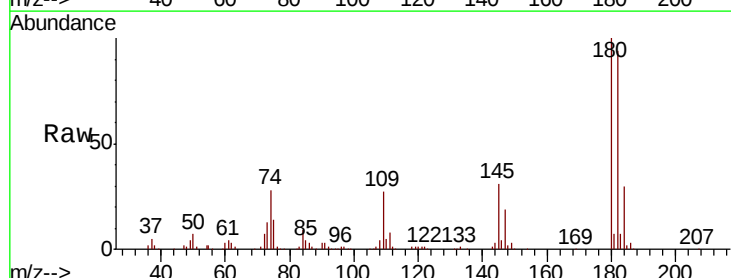
Manual Integrations
APPROVED

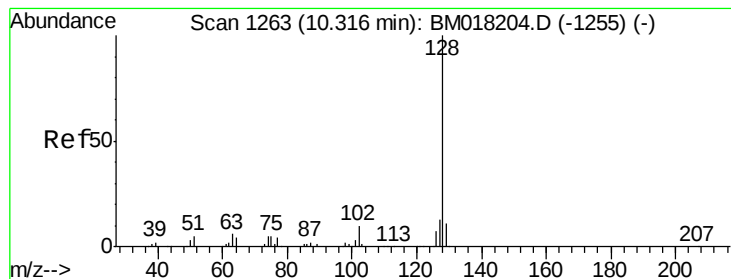
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 42.315 ng
RT: 10.13 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BM018237.D
Acq: 16 Dec 2018 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	390791		
182	93.8	71.4	107.2	
145	30.5	24.4	36.6	





#31

Naphthalene

Concen: 45.677 ng

RT: 10.32 min Scan# 1263

Delta R.T. -0.00 min

Lab File: BM018237.D

Acq: 16 Dec 2018 21:35

Instrument :

BNA_M

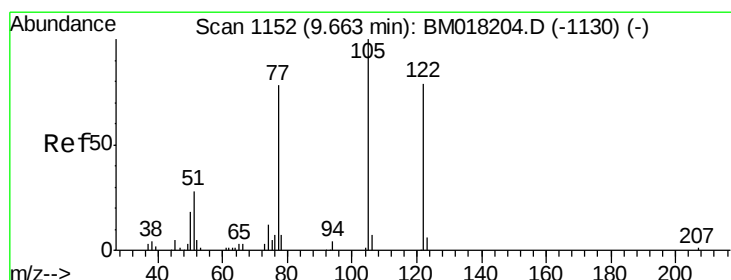
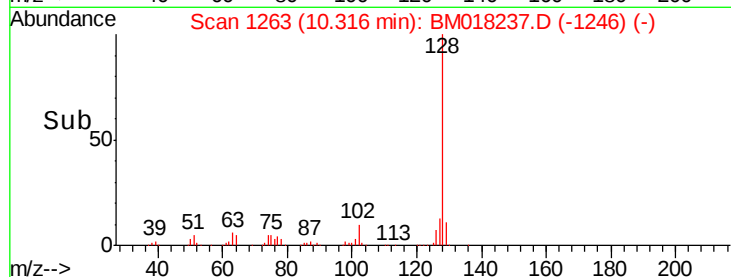
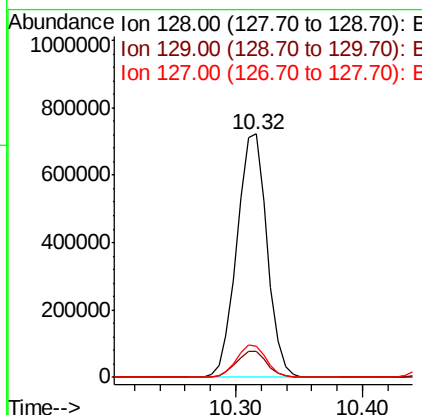
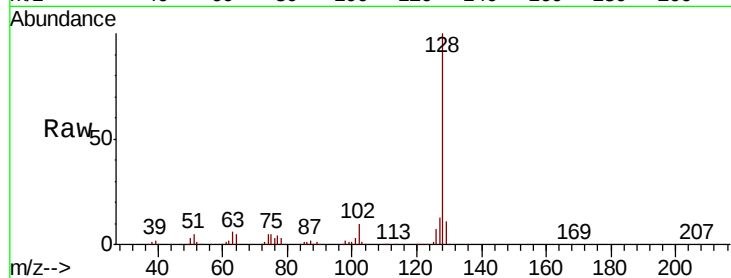
ClientSampleId :

P001-SS003-1824-01MSD

Tot Ion:	128	Resp:	1187770
Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.9	13.3
127	12.6	10.4	15.6

Manual Integrations
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#32

Benzoic acid

Concen: 19.415 ng m

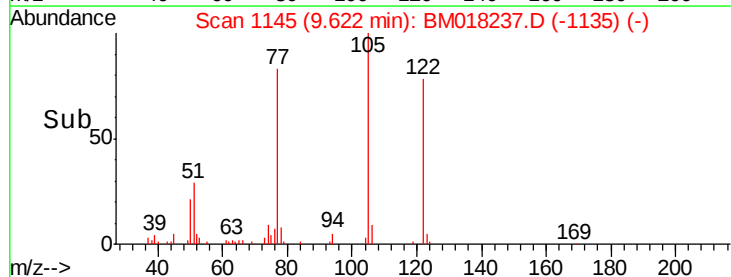
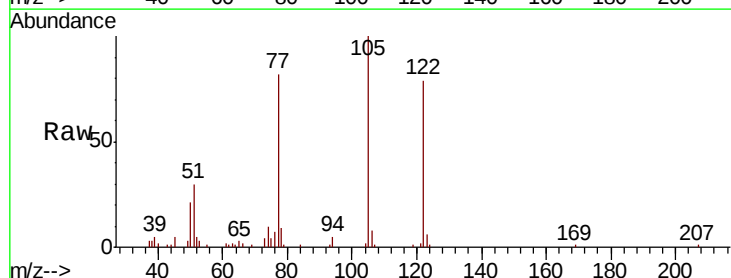
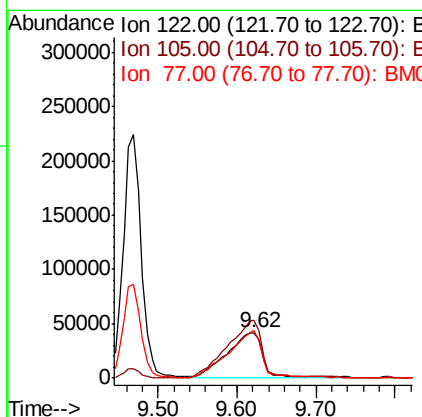
RT: 9.62 min Scan# 1145

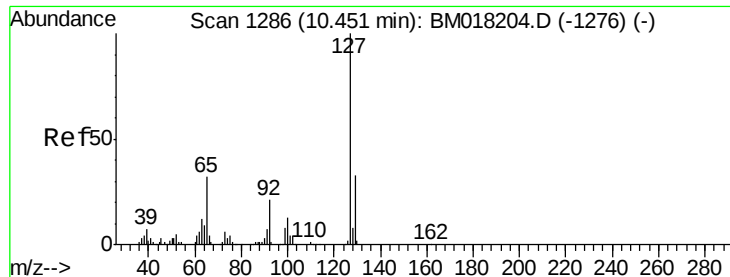
Delta R.T. -0.04 min

Lab File: BM018237.D

Acq: 16 Dec 2018 21:35

Tgt Ion:	122	Resp:	134627
Ion	Ratio	Lower	Upper
122	100		
105	127.2	104.8	144.8
77	104.5	77.7	117.7





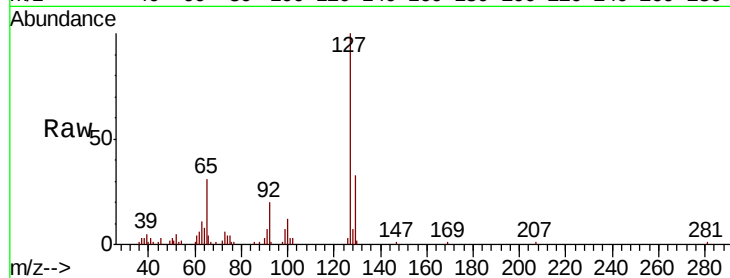
#33
4-Chloroaniline
Concen: 8.107 ng
RT: 10.46 min Scan# 1287
Delta R.T. 0.01 min
Lab File: BM018237.D
Acq: 16 Dec 2018 21:35

Instrument :
BNA_M
ClientSampleId :
P001-SS003-1824-01MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.0	26.4	39.6		
65	30.8	25.6	38.4		
92	20.1	17.0	25.6		

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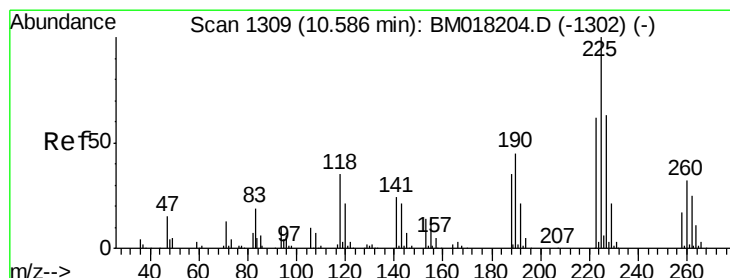
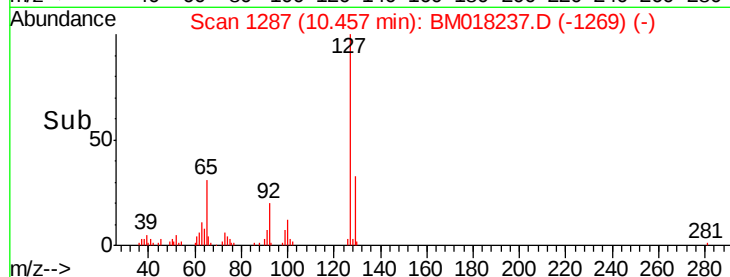
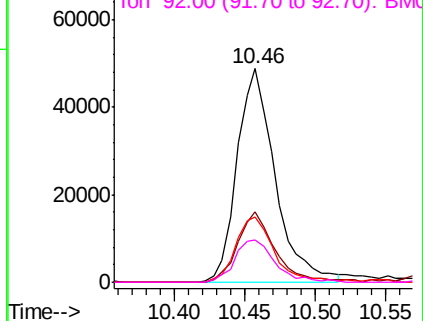
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 40.804 ng
RT: 10.58 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BM018237.D
Acq: 16 Dec 2018 21:35

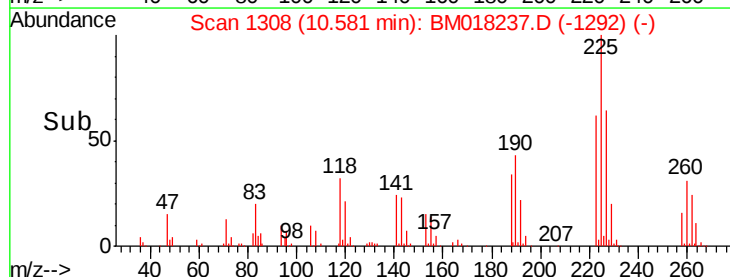
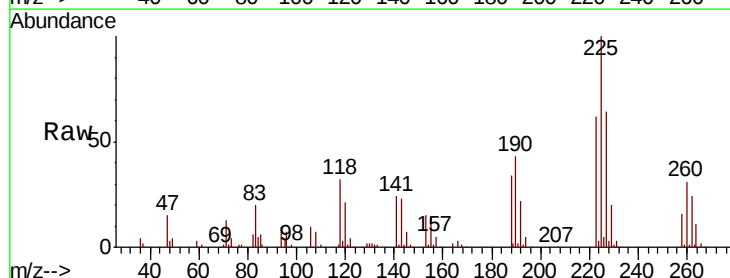
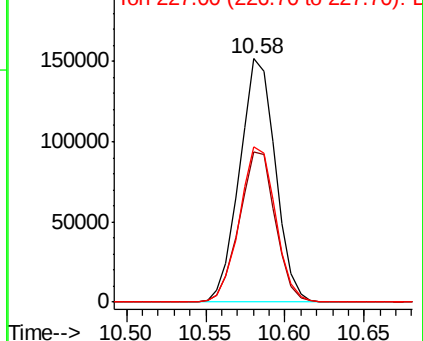
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.9	49.8	74.6		
227	64.0	50.2	75.4		

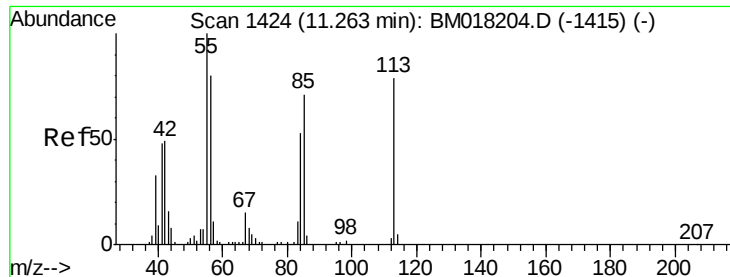
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





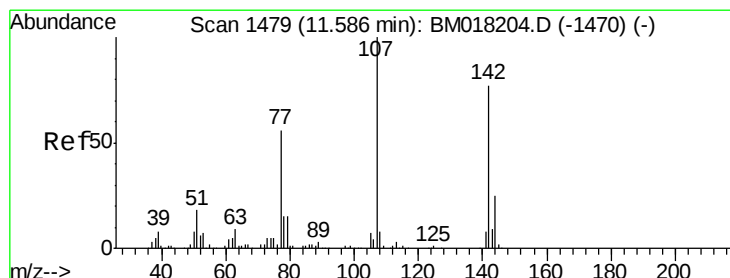
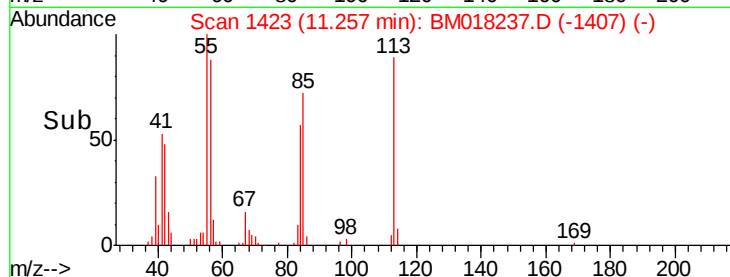
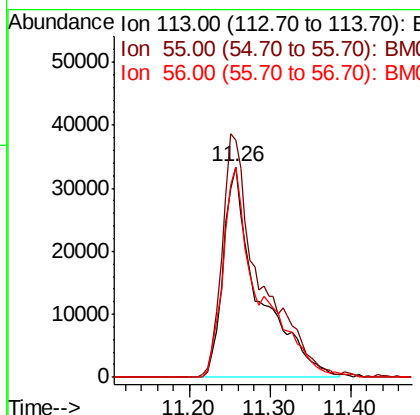
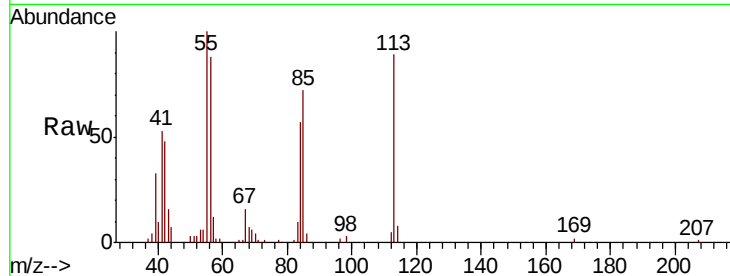
#35
Caprolactam
Concen: 32.974 ng/ml
RT: 11.26 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BM018237.D
Acq: 16 Dec 2018 21:35

Instrument :
BNA_M
ClientSampleId :
P001-SS003-1824-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	112.9	105.9	145.9	
56	99.6	80.1	120.1	

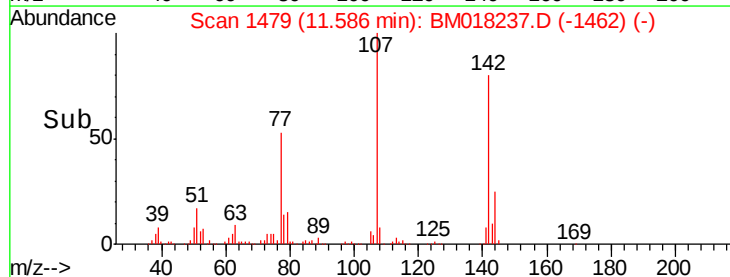
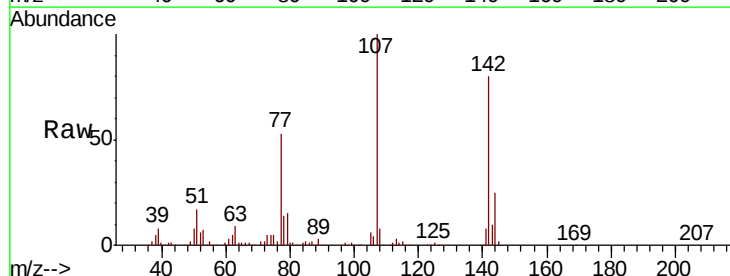
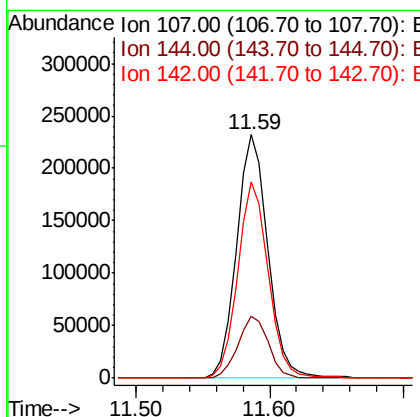
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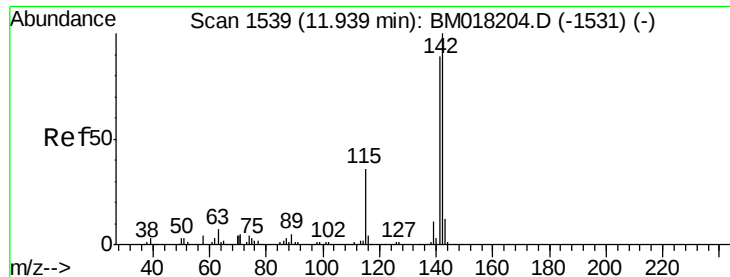
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#36
4-Chloro-3-methylphenol
Concen: 38.463 ng/ml
RT: 11.59 min Scan# 1479
Delta R.T. -0.00 min
Lab File: BM018237.D
Acq: 16 Dec 2018 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	25.3	20.1	30.1	
142	80.5	61.7	92.5	





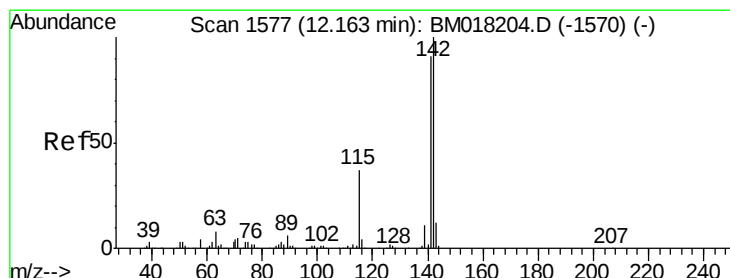
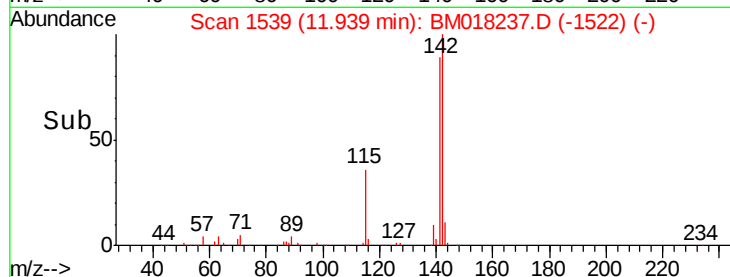
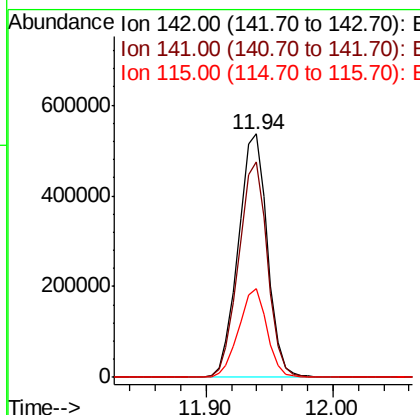
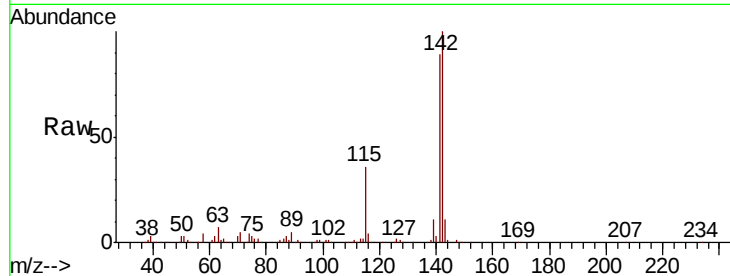
#37
2-Methylnaphthalene
Concen: 46.452 ng
RT: 11.94 min Scan# 1539
Delta R.T. -0.00 min
Lab File: BM018237.D
Acq: 16 Dec 2018 21:35

Instrument :
BNA_M
ClientSampleId :
P001-SS003-1824-01MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.4	107.2
115	36.2	29.0	43.6

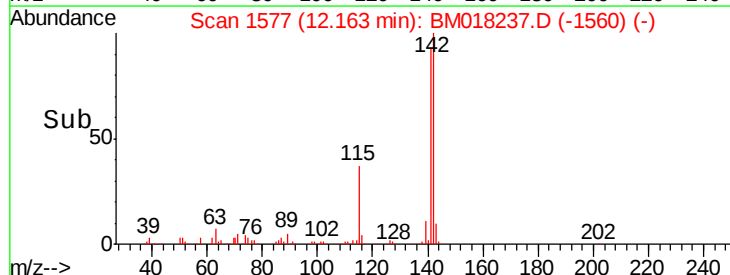
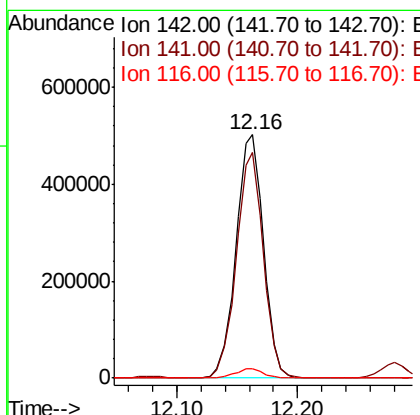
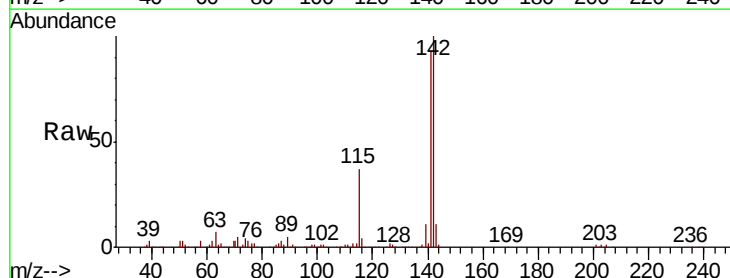
Manual Integrations
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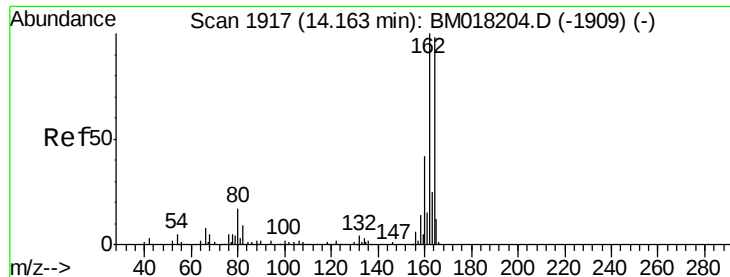
Sohil
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#38
1-Methylnaphthalene
Concen: 44.424 ng
RT: 12.16 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BM018237.D
Acq: 16 Dec 2018 21:35

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.9	73.0	109.4
116	3.8	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.16 min Scan# 1916

Delta R.T. -0.01 min

Lab File: BM018237.D

Acq: 16 Dec 2018 21:35

Instrument :

BNA_M

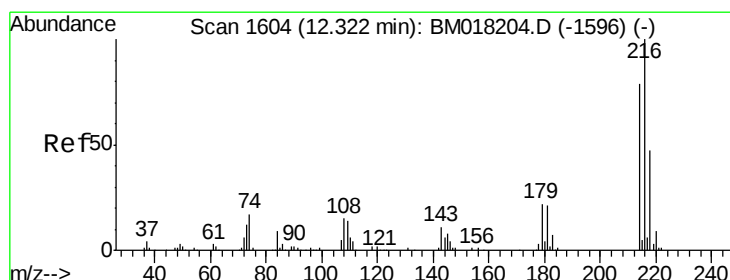
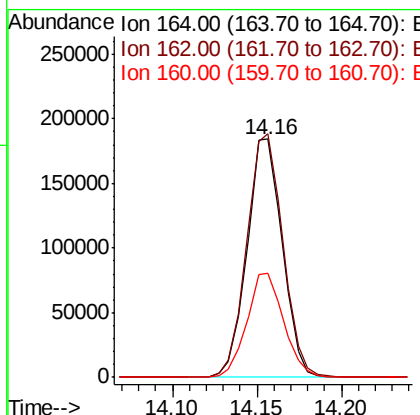
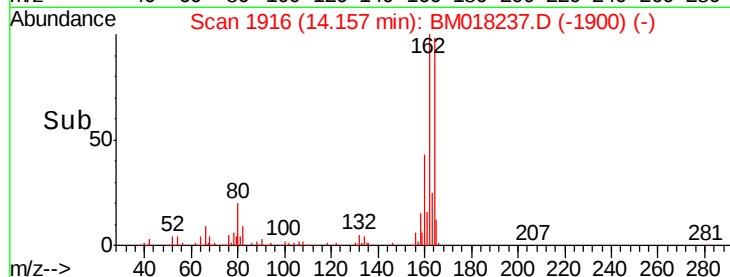
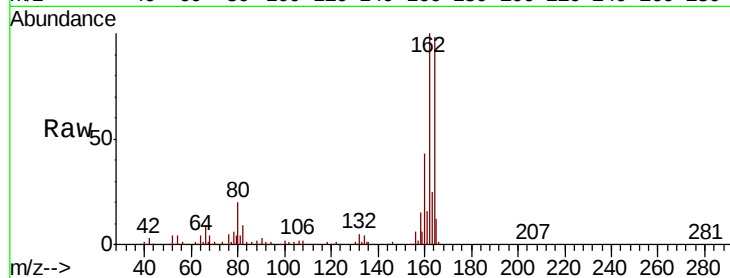
ClientSampleId :

P001-SS003-1824-01MSD

Tot Ion:	164	Resp:	268695
Ion Ratio	Lower	Upper	
164	100		
162	102.3	81.8	122.6
160	43.8	34.6	51.8

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.854 ng

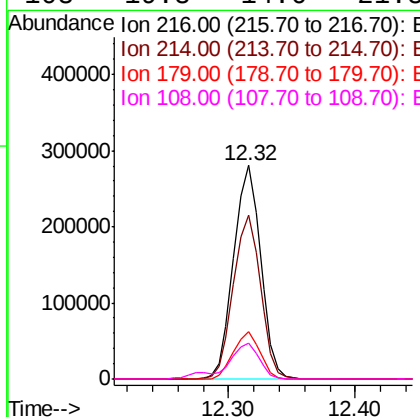
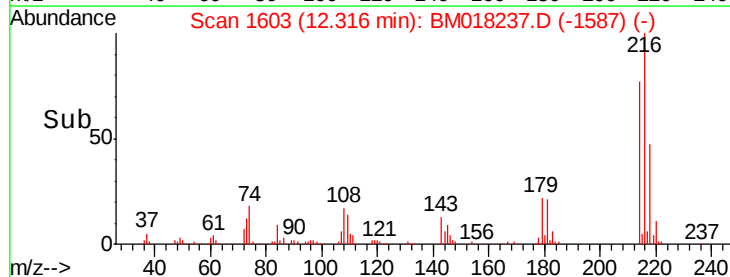
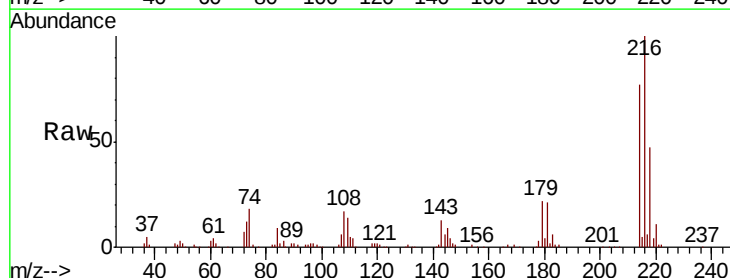
RT: 12.32 min Scan# 1603

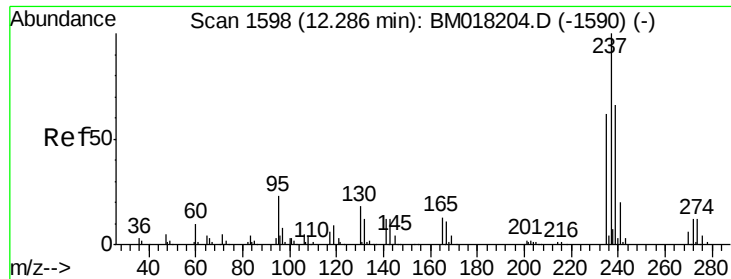
Delta R.T. -0.01 min

Lab File: BM018237.D

Acq: 16 Dec 2018 21:35

Tgt Ion:	216	Resp:	414442
Ion Ratio	Lower	Upper	
216	100		
214	77.1	63.4	95.0
179	21.5	17.2	25.8
108	19.8	14.6	21.8





#41

Hexachlorocyclopentadiene

Concen: 95.687 ng

RT: 12.28 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BM018237.D

Acq: 16 Dec 2018 21:35

Instrument :

BNA_M

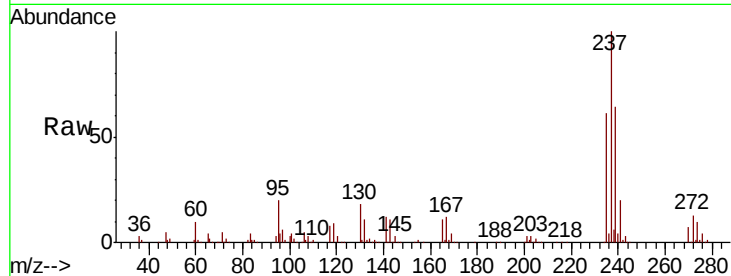
ClientSampleId :

P001-SS003-1824-01MSD

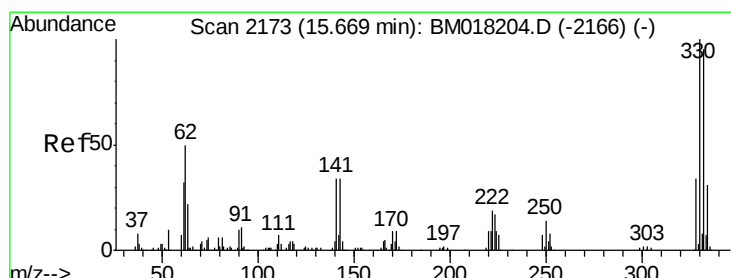
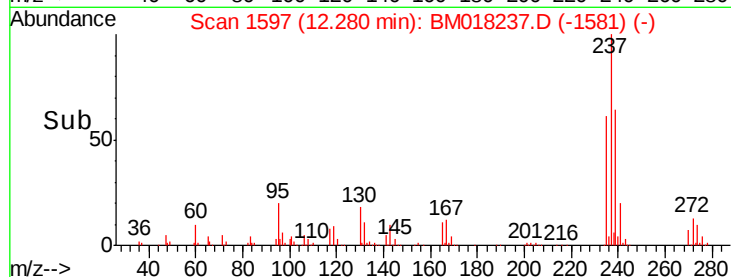
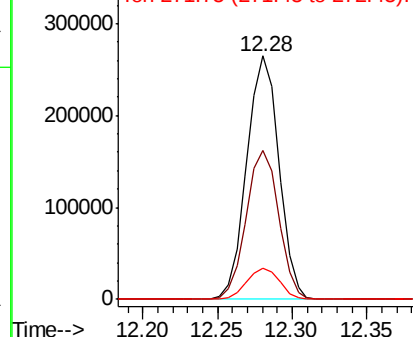
Tot Ion:	237	Resp:	394307
Ion Ratio	Lower	Upper	
237	100		
235	61.1	42.1	82.1
272	12.8	0.0	32.1

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: 119.539 ng

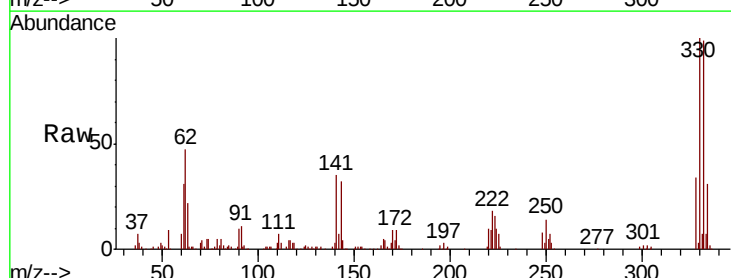
RT: 15.66 min Scan# 2172

Delta R.T. -0.01 min

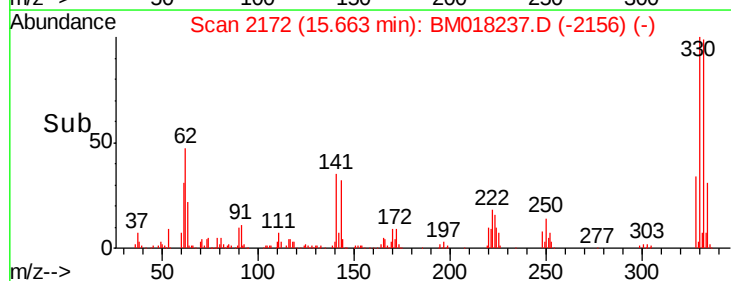
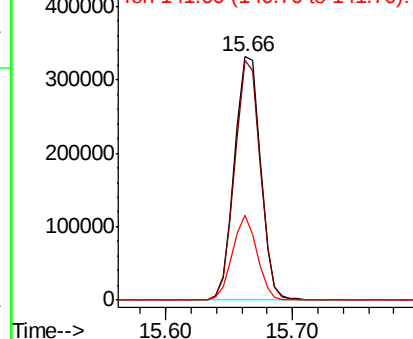
Lab File: BM018237.D

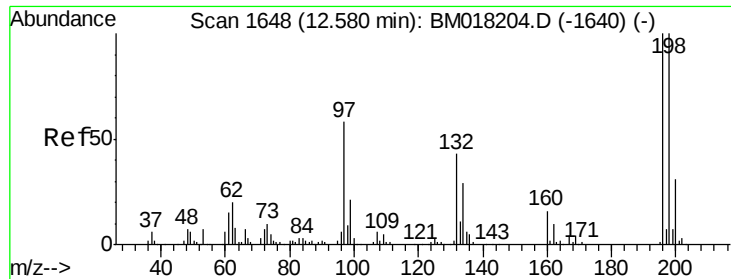
Acq: 16 Dec 2018 21:35

Tgt Ion:	330	Resp:	471426
Ion Ratio	Lower	Upper	
330	100		
332	96.3	78.6	118.0
141	32.6	27.1	40.7



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





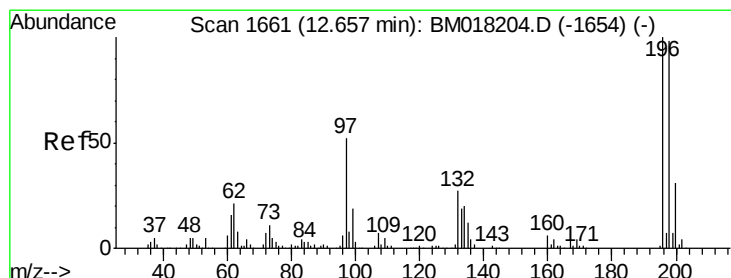
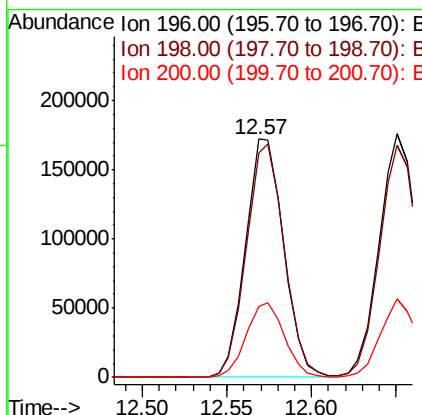
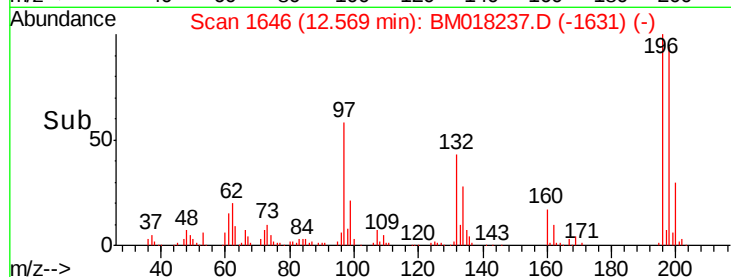
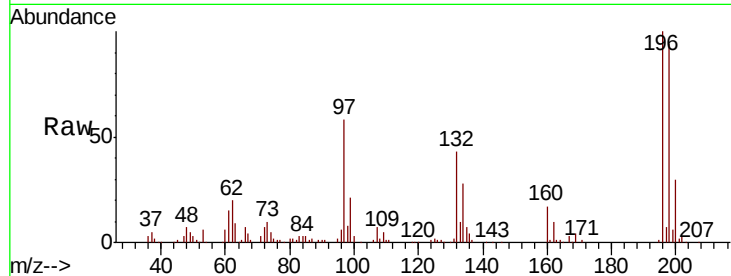
#43
 2,4,6-Trichlorophenol
 Concen: 45.872 ng
 RT: 12.57 min Scan# 1646
 Delta R.T. -0.01 min
 Lab File: BM018237.D
 Acq: 16 Dec 2018 21:35

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS003-1824-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	272607		
198	94.4	80.1	120.1	
200	29.8	24.9	37.3	

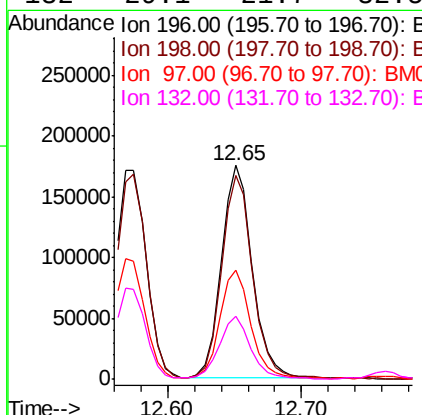
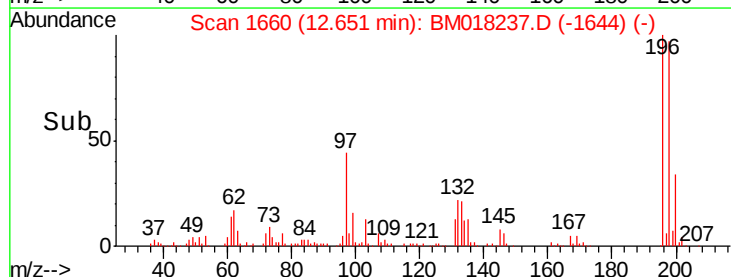
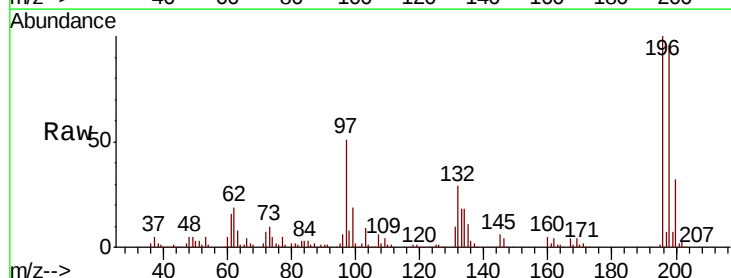
Manual Integrations
 APPROVED

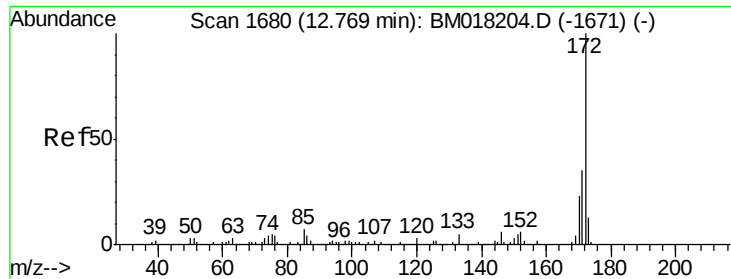
Sohil
 12/17/2018 4:20:59 PM



#44
 2,4,5-Trichlorophenol
 Concen: 44.987 ng
 RT: 12.65 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BM018237.D
 Acq: 16 Dec 2018 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	283824		
198	95.6	78.5	117.7	
97	50.7	41.9	62.9	
132	29.1	21.7	32.5	





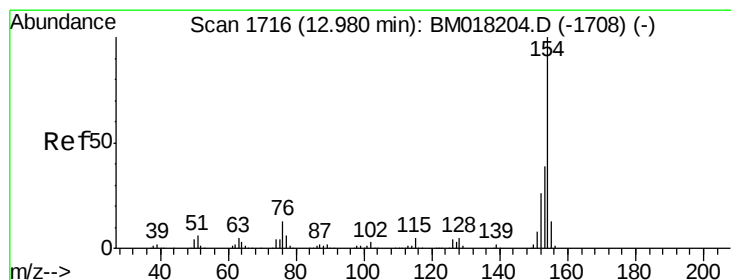
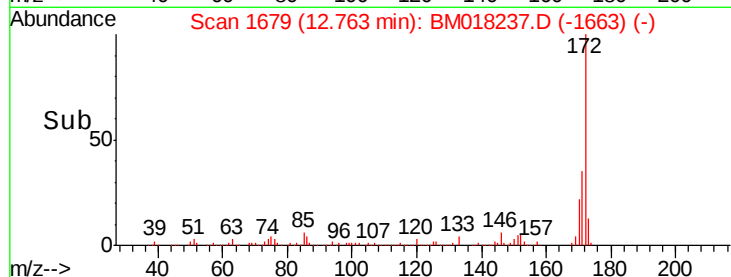
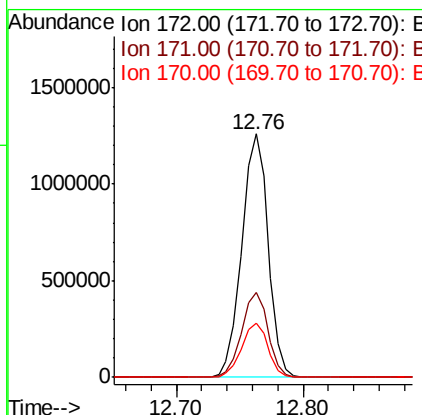
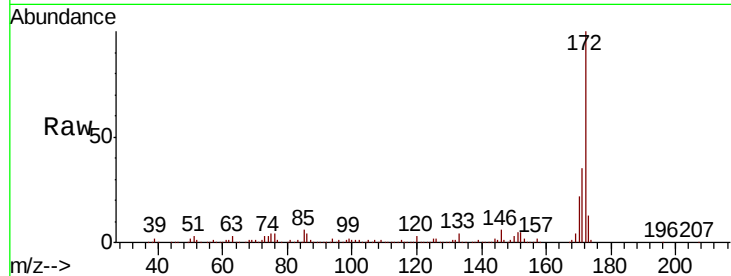
#45
2-Fluorobiphenyl
Concen: 87.222 ng
RT: 12.76 min Scan# 1679
Delta R.T. -0.01 min
Lab File: BM018237.D
Acq: 16 Dec 2018 21:35

Instrument :
BNA_M
ClientSampleId :
P001-SS003-1824-01MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.3	42.5
170	22.3	18.1	27.1

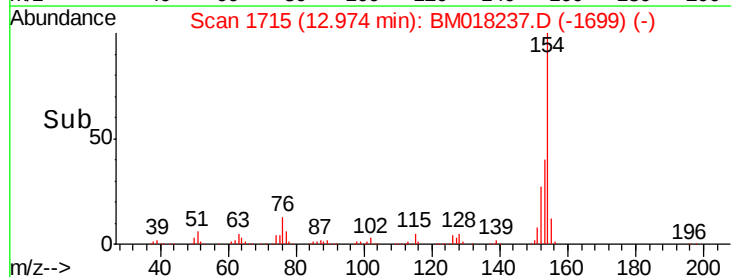
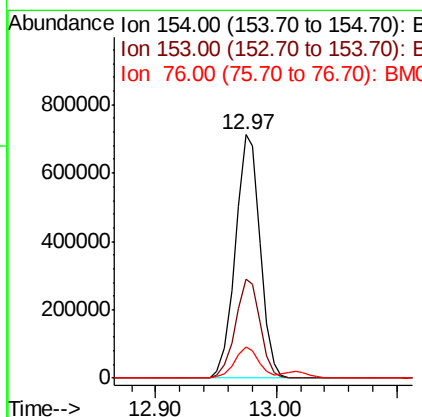
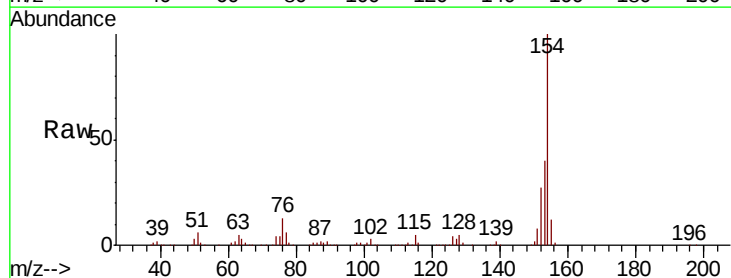
Manual Integrations
APPROVED

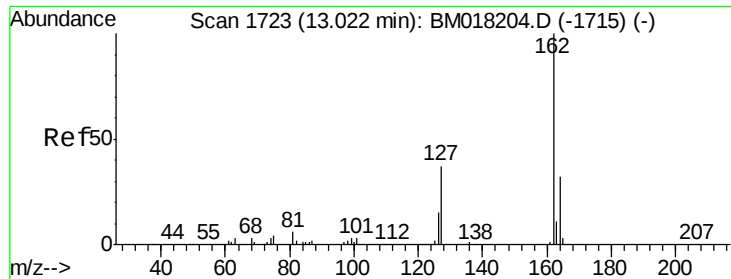
Sohil
12/17/2018 4:20:59 PM



#46
1,1'-Biphenyl
Concen: 41.981 ng
RT: 12.97 min Scan# 1715
Delta R.T. -0.01 min
Lab File: BM018237.D
Acq: 16 Dec 2018 21:35

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.4	19.5	59.5
76	12.9	0.0	33.1





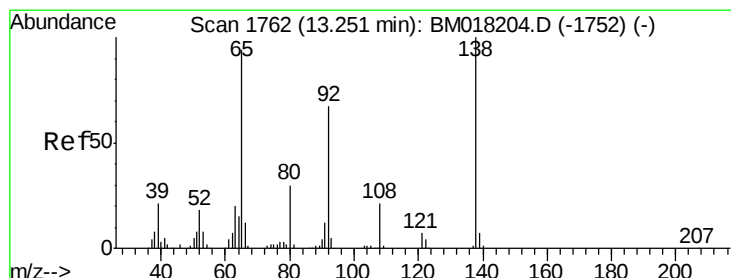
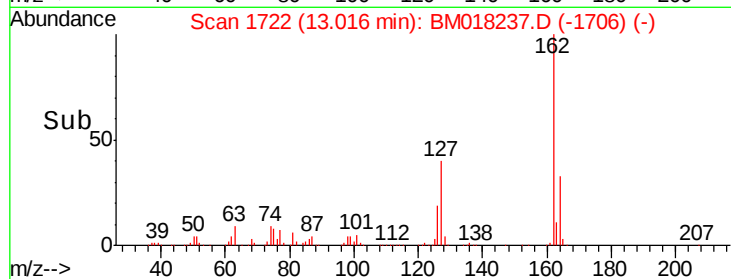
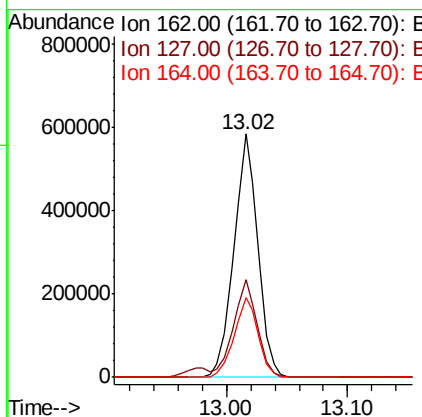
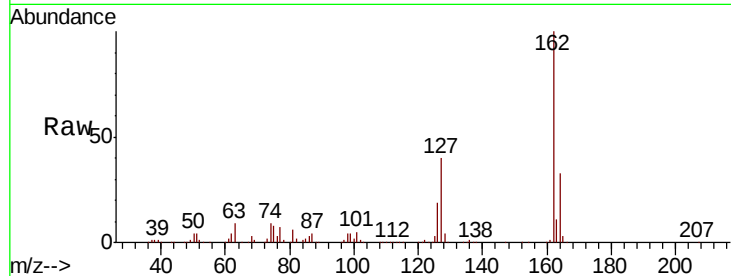
#47
2-Chloronaphthalene
Concen: 45.139 ng
RT: 13.02 min Scan# 1722
Delta R.T. -0.01 min
Lab File: BM018237.D
Acq: 16 Dec 2018 21:35

Instrument :
BNA_M
ClientSampleId :
P001-SS003-1824-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	803105		
127	40.2		31.8	47.8
164	32.6		25.9	38.9

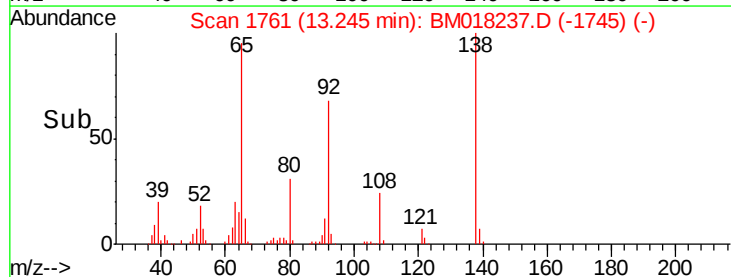
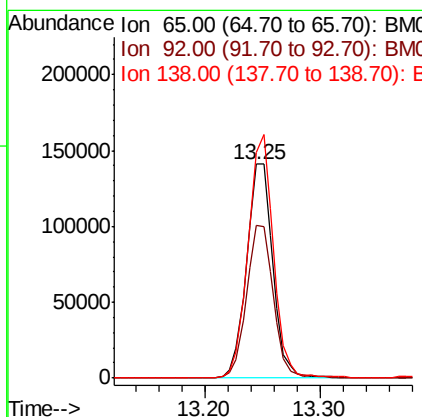
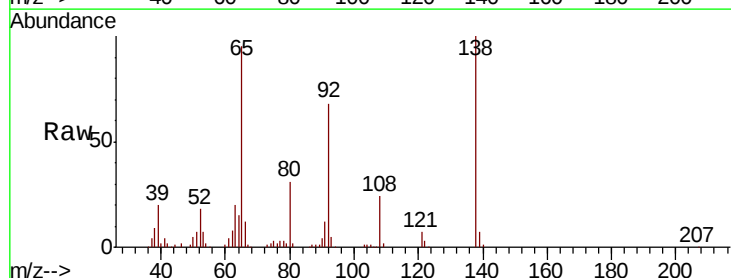
Manual Integrations
APPROVED

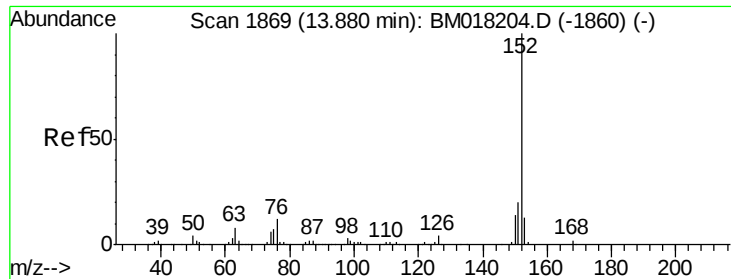
Sohil
12/17/2018 4:20:59 PM



#48
2-Nitroaniline
Concen: 40.973 ng
RT: 13.25 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BM018237.D
Acq: 16 Dec 2018 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	224560		
92	71.4		56.8	85.2
138	105.3		85.1	127.7





#49

Acenaphthylene

Concen: 46.860 ng

RT: 13.87 min Scan# 1868

Delta R.T. -0.01 min

Lab File: BM018237.D

Acq: 16 Dec 2018 21:35

Instrument :

BNA_M

ClientSampleId :

P001-SS003-1824-01MSD

Tot Ion:152 Resp: 1256377

Ion Ratio Lower Upper

152 100

151 18.8 16.0 24.0

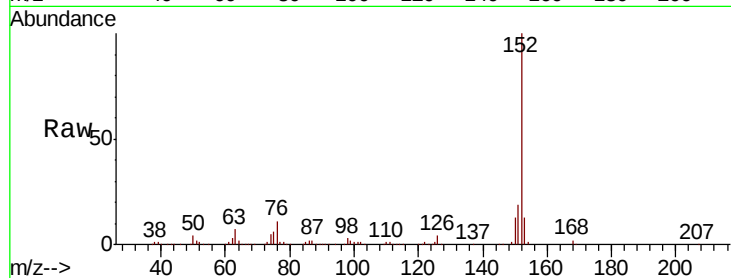
153 12.6 10.2 15.2

Manual Integrations

APPROVED

Sohil

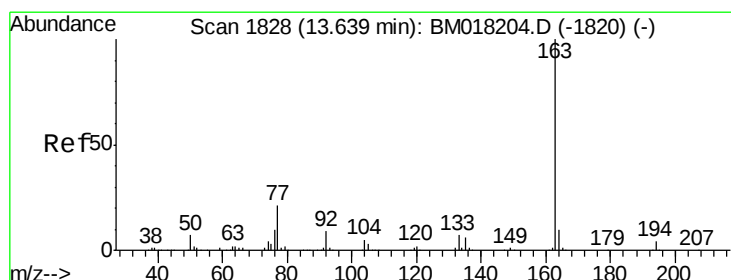
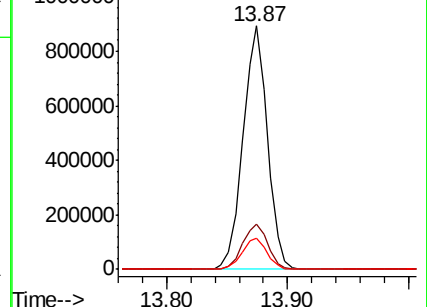
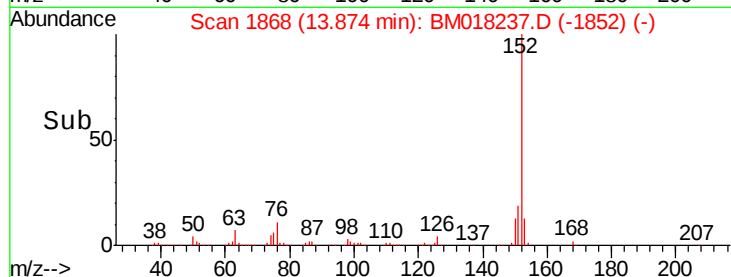
12/17/2018 4:20:59 PM



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: 47.854 ng

RT: 13.63 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BM018237.D

Acq: 16 Dec 2018 21:35

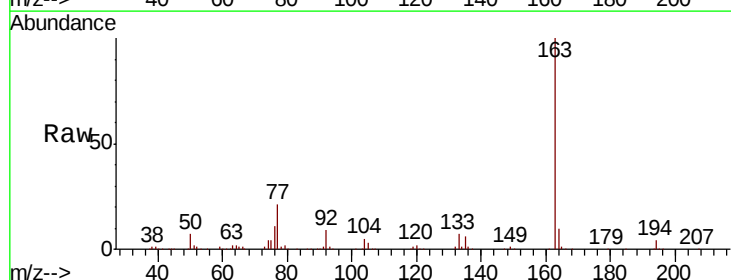
Tgt Ion:163 Resp: 1068975

Ion Ratio Lower Upper

163 100

194 4.2 3.1 4.7

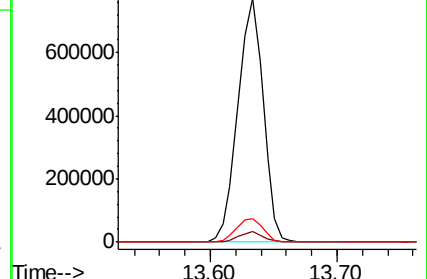
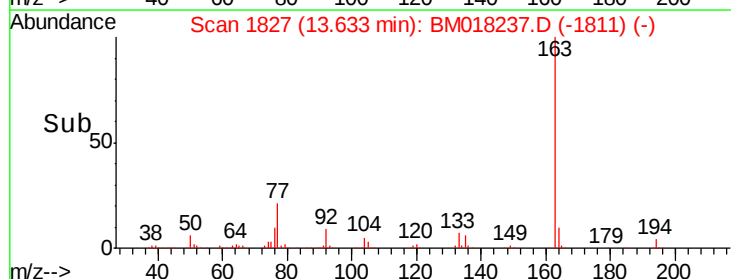
164 9.9 7.9 11.9

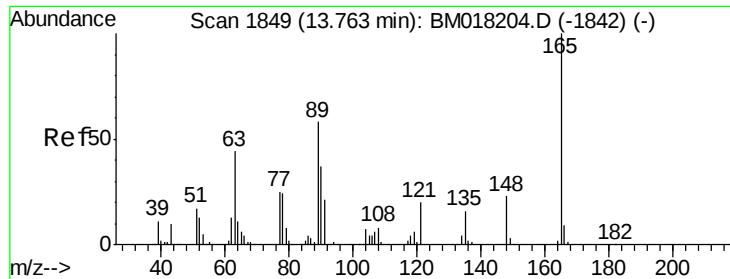


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





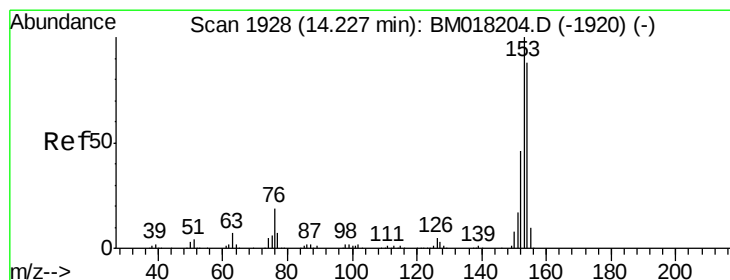
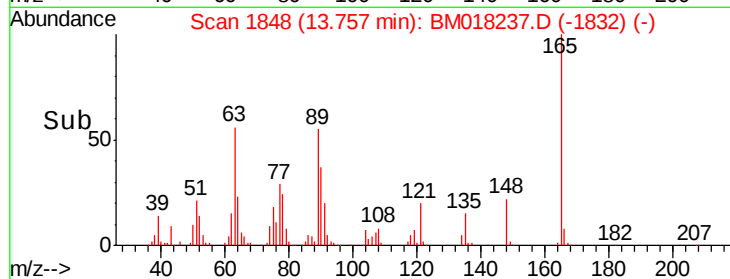
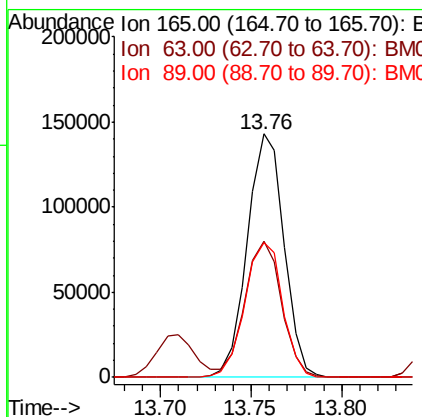
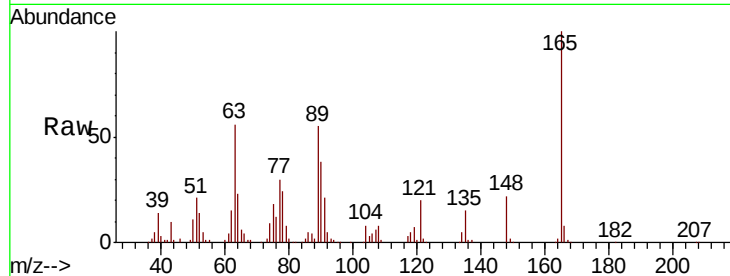
#51
2,6-Dinitrotoluene
Concen: 41.075 ng
RT: 13.76 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BM018237.D
Acq: 16 Dec 2018 21:35

Instrument :
BNA_M
ClientSampleId :
P001-SS003-1824-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	201706		
63	55.9	46.6	69.8	
89	55.3	46.3	69.5	

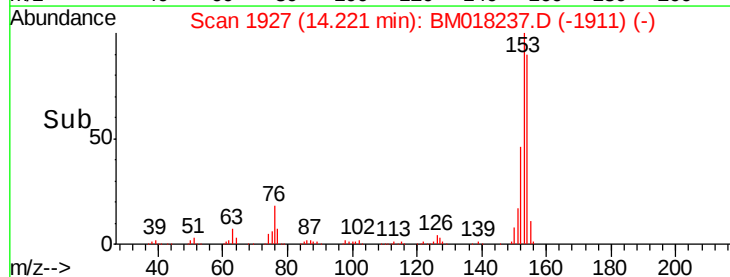
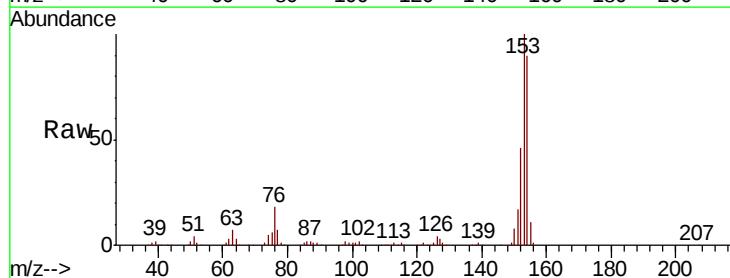
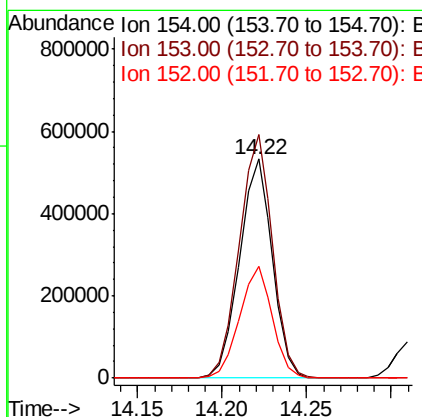
Manual Integrations
APPROVED

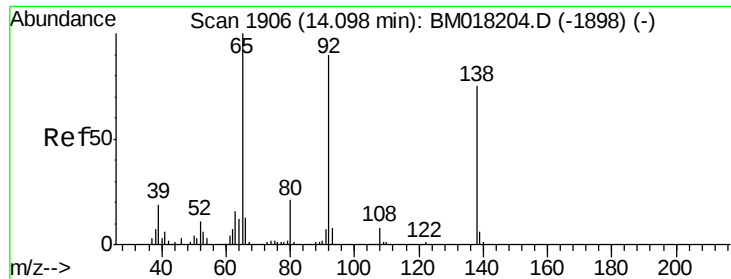
Sohil
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#52
Acenaphthene
Concen: 43.995 ng
RT: 14.22 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BM018237.D
Acq: 16 Dec 2018 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	720870		
153	111.1	90.4	135.6	
152	50.8	41.2	61.8	





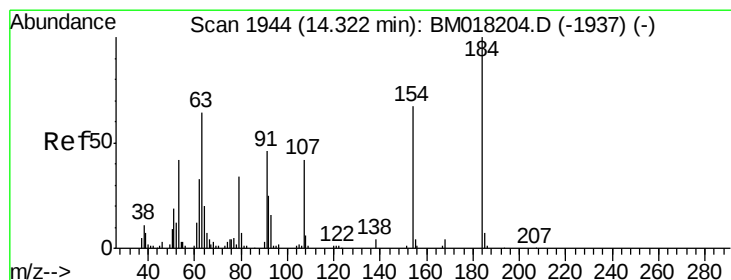
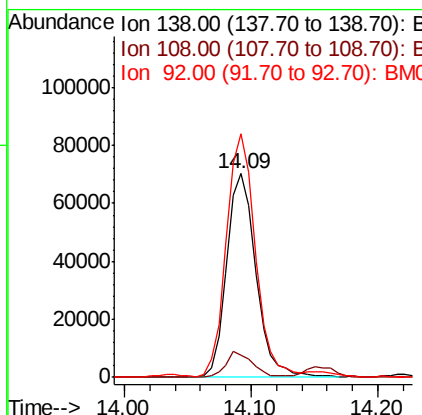
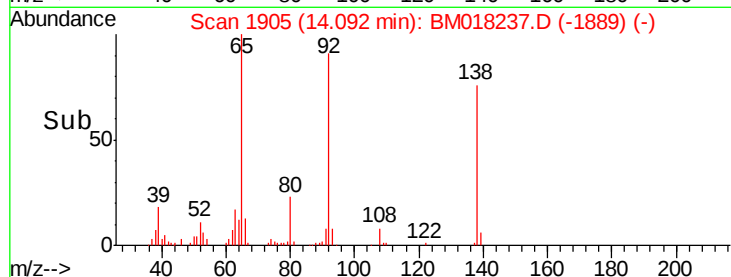
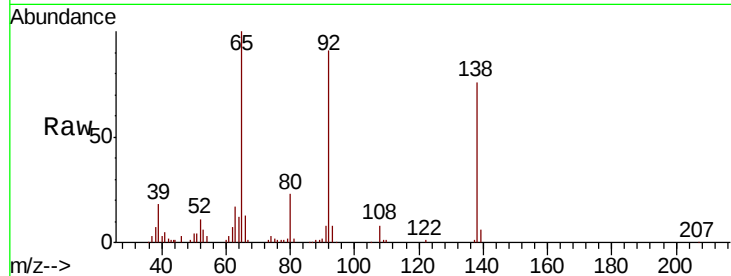
#53
3-Nitroaniline
Concen: 21.779 ng
RT: 14.09 min Scan# 1905
Delta R.T. -0.01 min
Lab File: BM018237.D
Acq: 16 Dec 2018 21:35

Instrument :
BNA_M
ClientSampleId :
P001-SS003-1824-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100	112547		
108	10.6	8.4	12.6	
92	119.8	94.9	142.3	

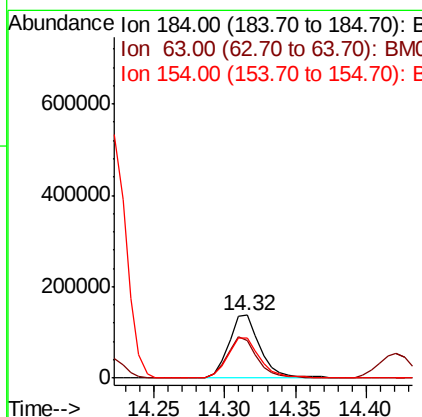
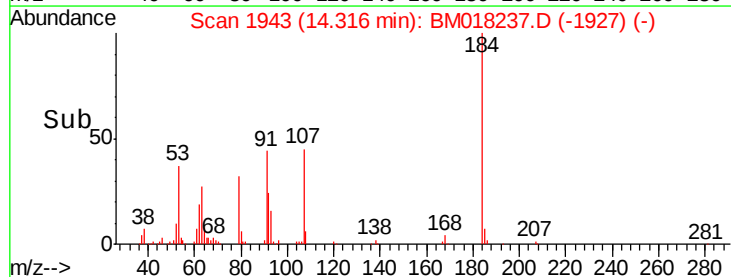
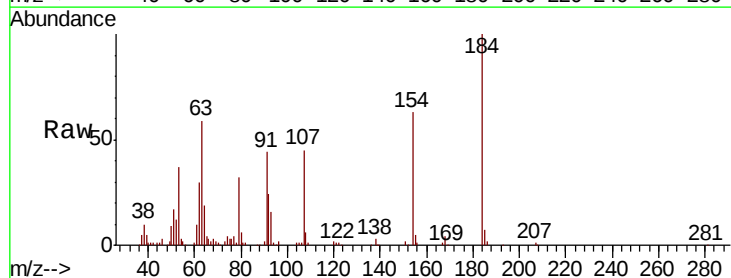
Manual Integrations
APPROVED

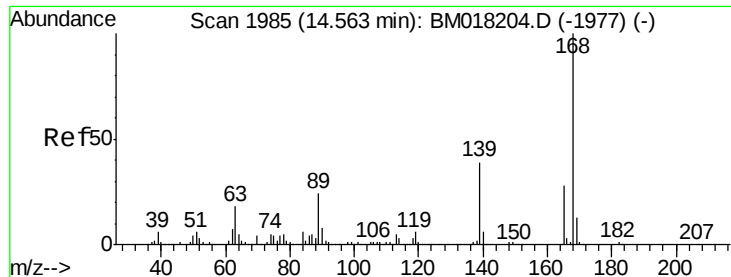
Sohil
12/17/2018 4:20:59 PM



#54
2,4-Dinitrophenol
Concen: 78.873 ng
RT: 14.32 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BM018237.D
Acq: 16 Dec 2018 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	213660		
63	58.9	51.6	77.4	
154	63.5	54.0	81.0	





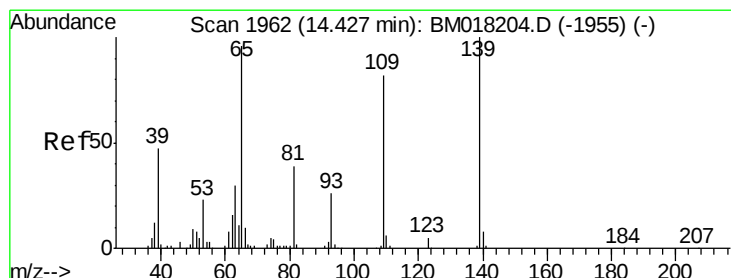
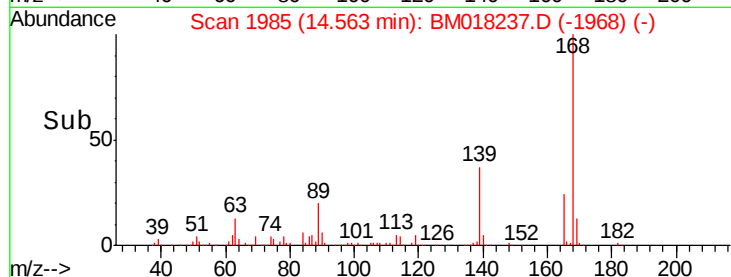
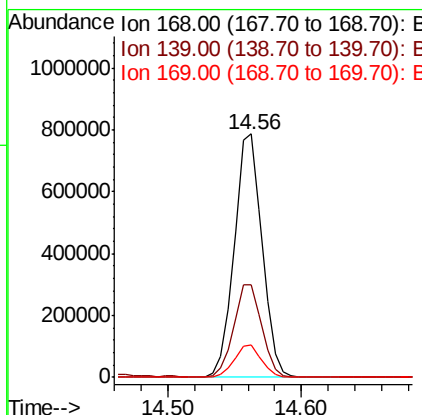
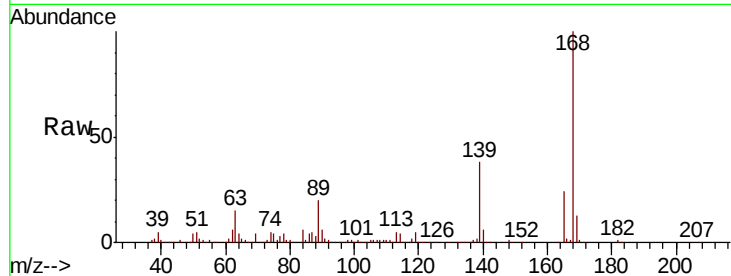
#55
Dibenzenofuran
Concen: 43.117 ng
RT: 14.56 min Scan# 1985
Delta R.T. -0.00 min
Lab File: BM018237.D
Acq: 16 Dec 2018 21:35

Instrument :
BNA_M
ClientSampleId :
P001-SS003-1824-01MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.3	31.2	46.8
169	13.2	10.4	15.6

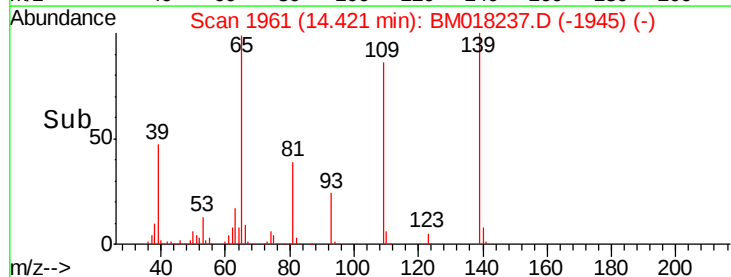
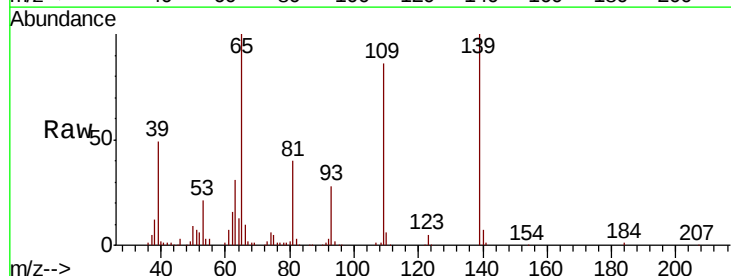
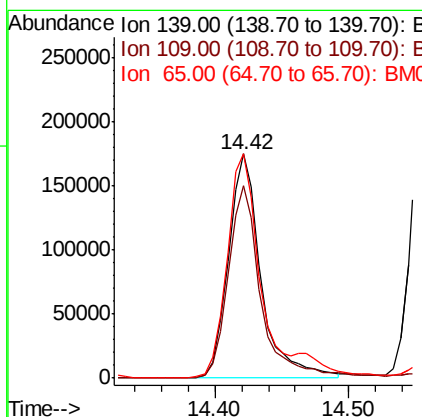
Manual Integrations
APPROVED

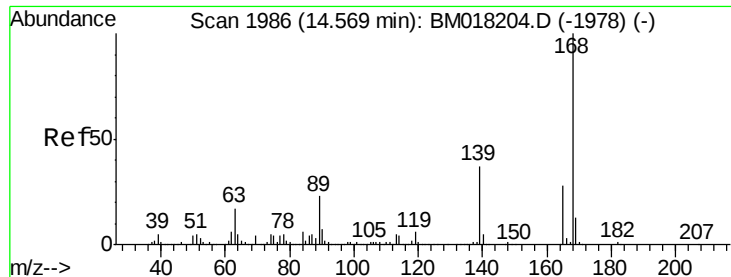
Sohil
12/17/2018 4:20:59 PM



#56
4-Nitrophenol
Concen: 76.005 ng
RT: 14.42 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BM018237.D
Acq: 16 Dec 2018 21:35

Tgt Ion	Ratio	Lower	Upper
139	100		
109	86.1	62.3	102.3
65	100.3	76.4	116.4





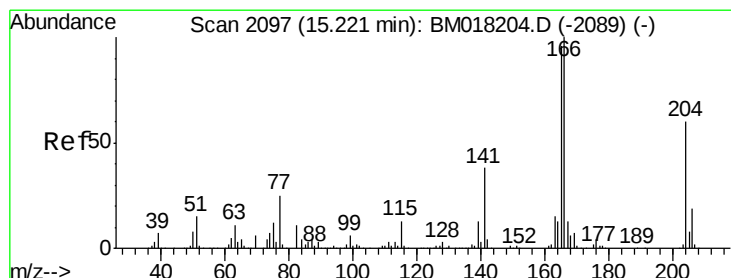
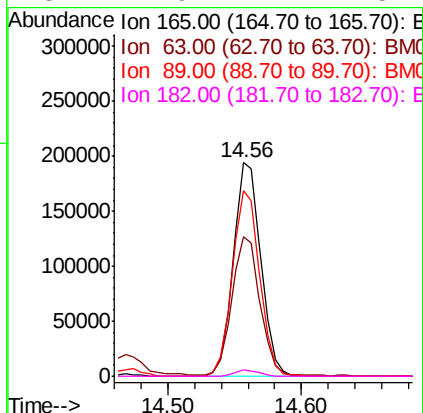
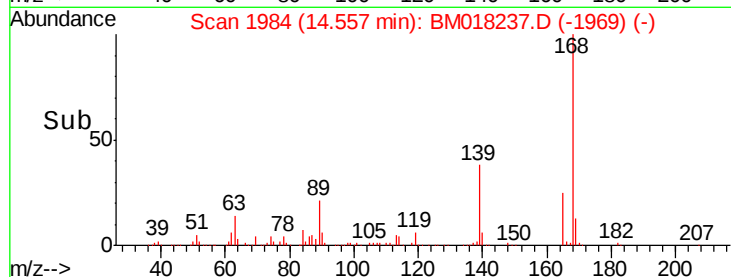
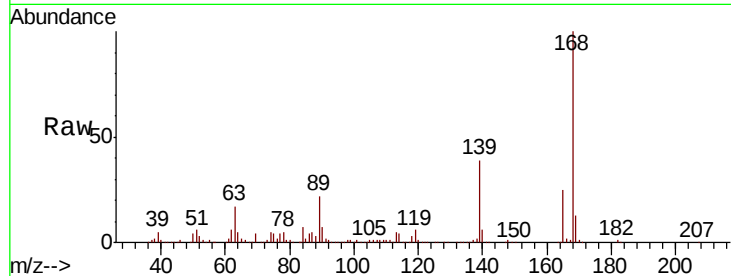
#57
2,4-Dinitrotoluene
Concen: 40.999 ng
RT: 14.56 min Scan# 1984
Delta R.T. -0.01 min
Lab File: BM018237.D
Acq: 16 Dec 2018 21:35

Instrument :
BNA_M
ClientSampleId :
P001-SS003-1824-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	278293		
63	65.5	47.2	70.8	
89	87.1	65.8	98.8	
182	2.9	2.2	3.4	

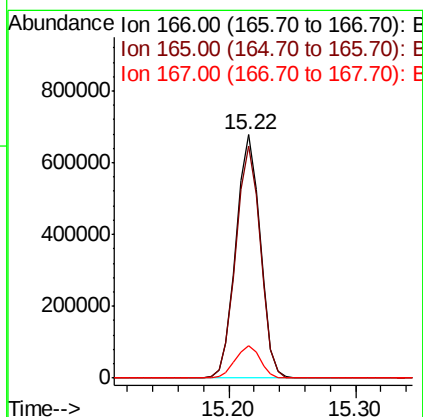
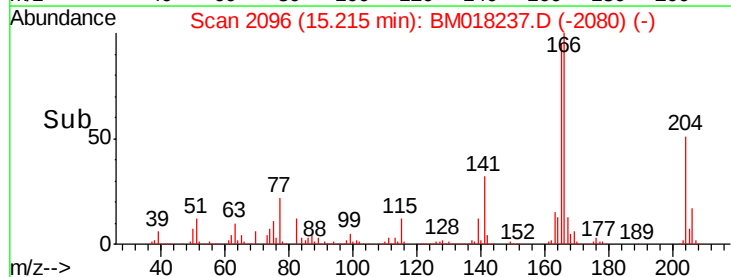
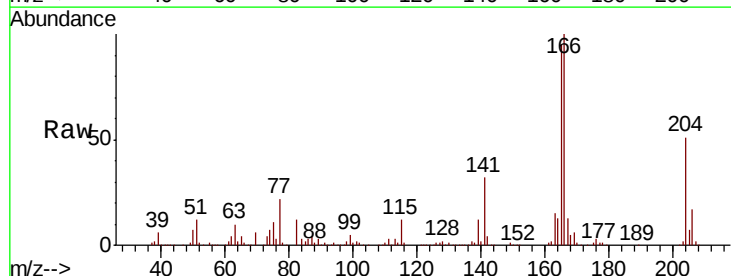
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#58
Fluorene
Concen: 44.066 ng
RT: 15.22 min Scan# 2096
Delta R.T. -0.01 min
Lab File: BM018237.D
Acq: 16 Dec 2018 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	896079		
165	95.4	76.9	115.3	
167	13.3	10.5	15.7	





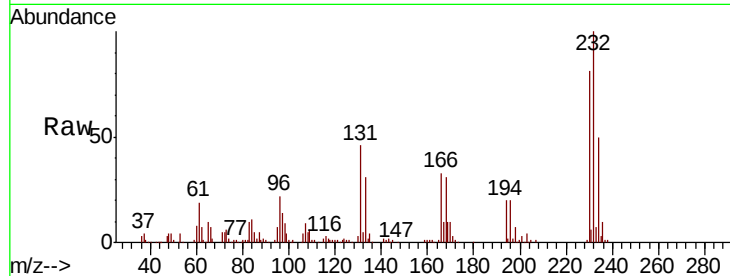
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.476 ng
 RT: 14.80 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BM018237.D
 Acq: 16 Dec 2018 21:35

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS003-1824-01MSD

Tot Ion:	232	Resp:	241343
Ion Ratio	Lower	Upper	
232	100		
131	46.8	36.2	54.2
130	2.5	1.8	2.6
166	32.3	24.8	37.2

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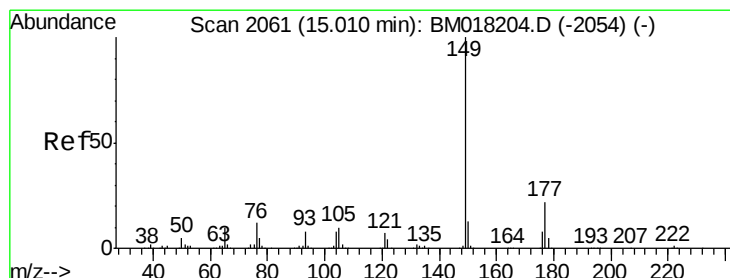
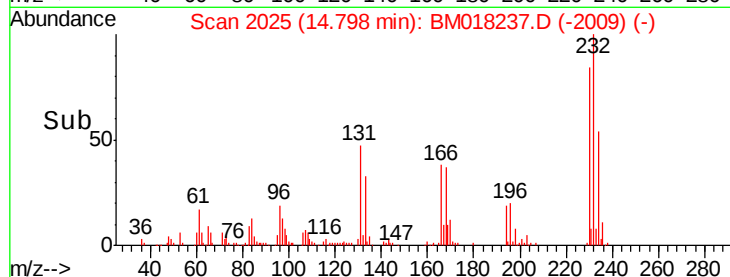
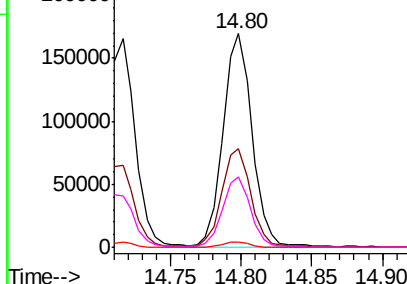
Abundance

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: 38.238 ng
 RT: 15.01 min Scan# 2061
 Delta R.T. 0.00 min
 Lab File: BM018237.D
 Acq: 16 Dec 2018 21:35

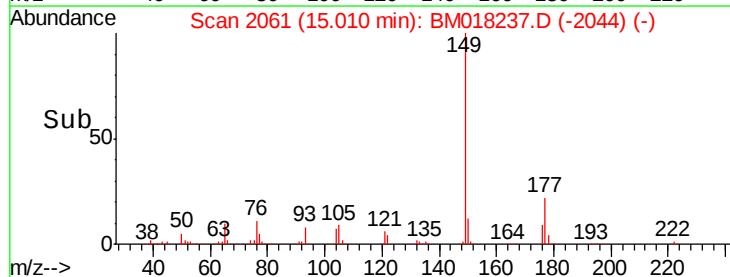
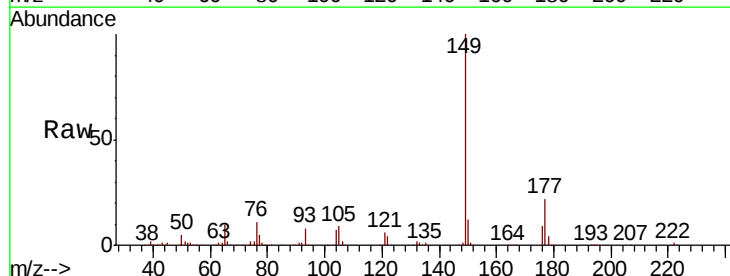
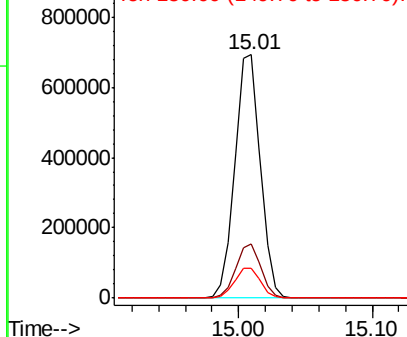
Tgt Ion:	149	Resp:	921796
Ion Ratio	Lower	Upper	
149	100		
177	22.4	17.8	26.8
150	12.4	10.3	15.5

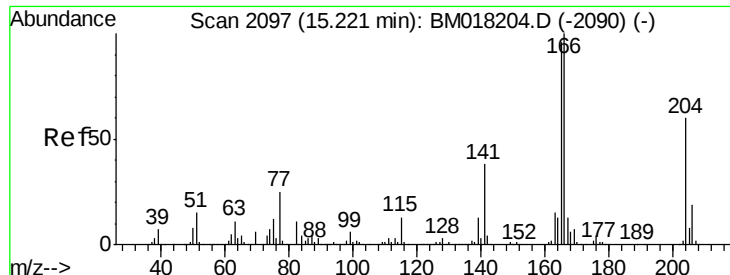
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





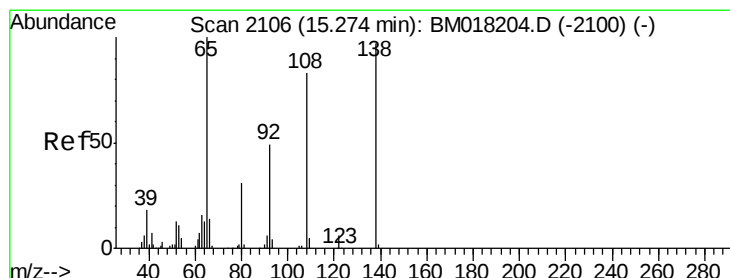
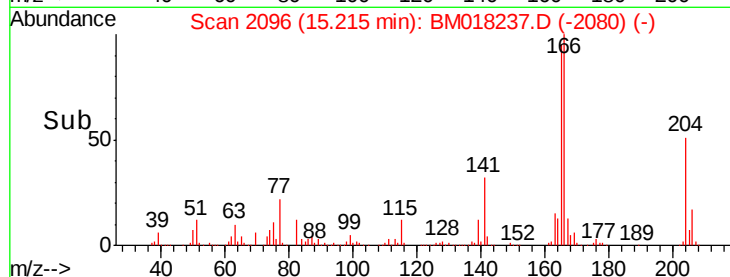
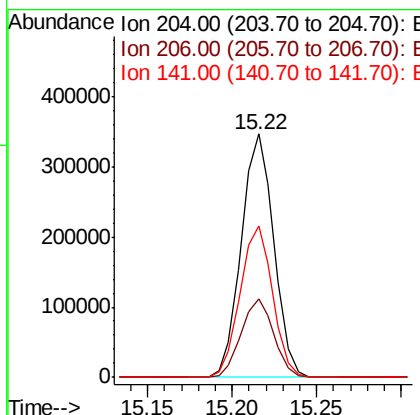
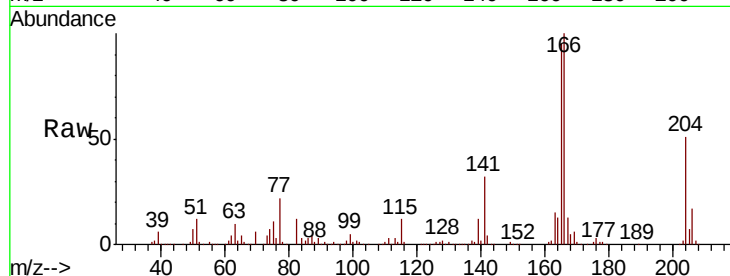
#61
4-Chlorophenyl-phenylether
Concen: 40.377 ng
RT: 15.22 min Scan# 2096
Delta R.T. -0.01 min
Lab File: BM018237.D
Acq: 16 Dec 2018 21:35

Instrument :
BNA_M
ClientSampleId :
P001-SS003-1824-01MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.4	25.8	38.6
141	62.2	50.2	75.4

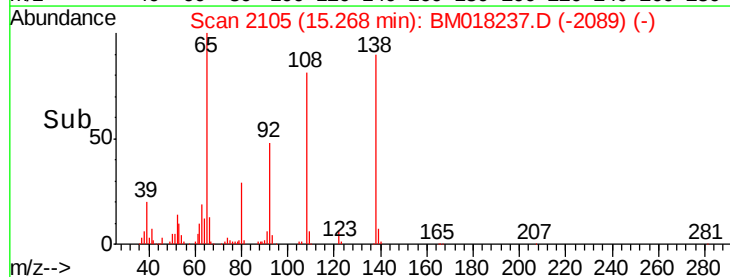
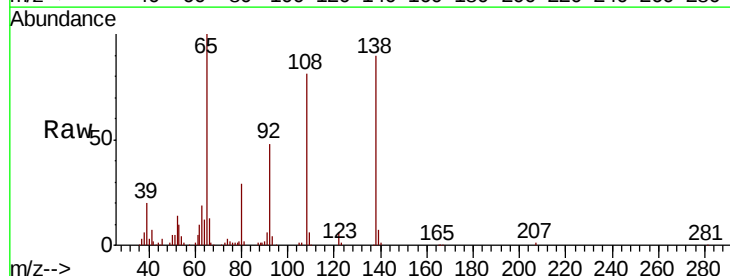
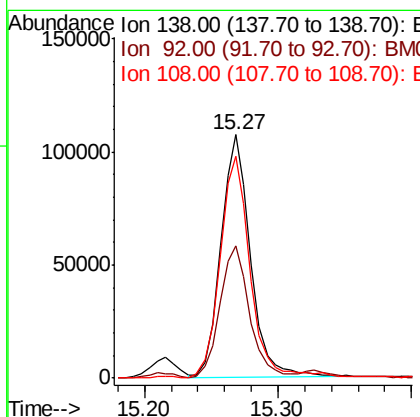
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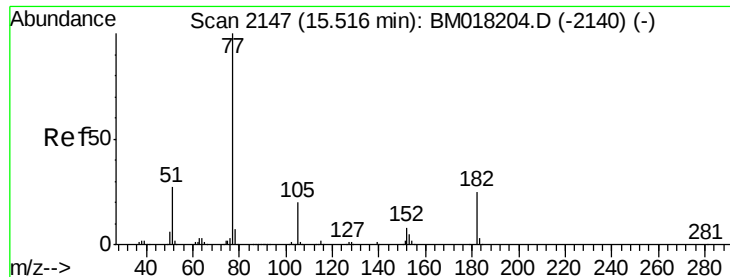
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#62
4-Nitroaniline
Concen: 33.727 ng
RT: 15.27 min Scan# 2105
Delta R.T. -0.01 min
Lab File: BM018237.D
Acq: 16 Dec 2018 21:35

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.1	31.1	71.1
108	91.0	65.0	105.0





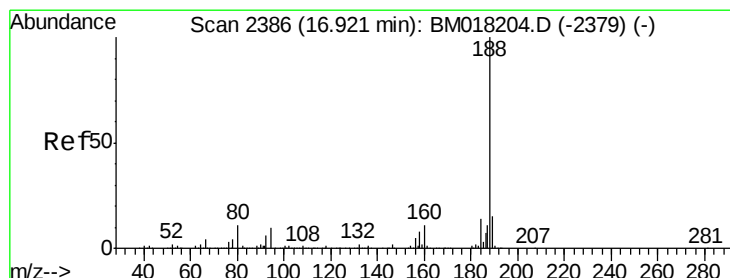
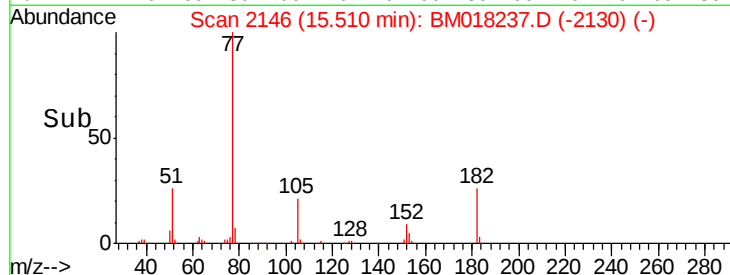
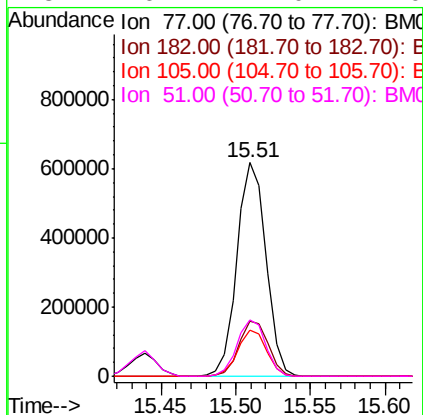
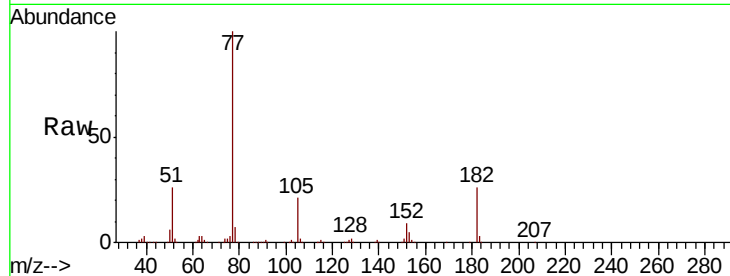
#63
Azobenzene
Concen: 37.889 ng
RT: 15.51 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BM018237.D
Acq: 16 Dec 2018 21:35

Instrument :
BNA_M
ClientSampleId :
P001-SS003-1824-01MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	26.0	4.6	44.6
105	21.5	0.2	40.2
51	26.1	7.0	47.0

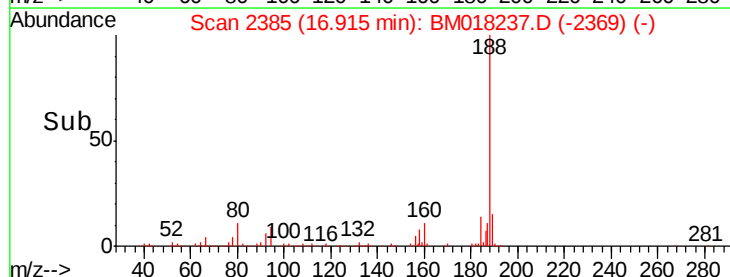
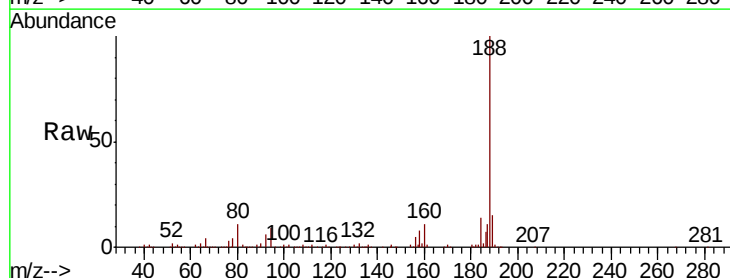
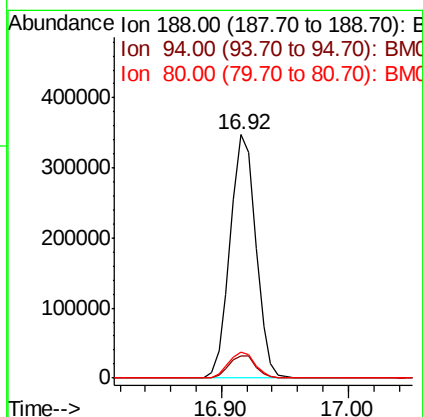
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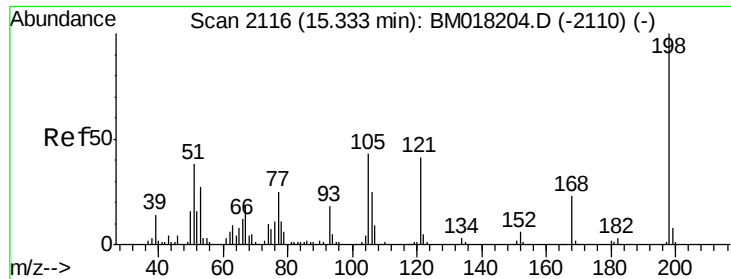
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.92 min Scan# 2385
Delta R.T. -0.01 min
Lab File: BM018237.D
Acq: 16 Dec 2018 21:35

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.0	12.0
80	10.9	9.0	13.6





#65

4,6-Dinitro-2-methylphenol

Concen: 40.509 ng

RT: 15.33 min Scan# 2115

Delta R.T. -0.01 min

Lab File: BM018237.D

Acq: 16 Dec 2018 21:35

Instrument :

BNA_M

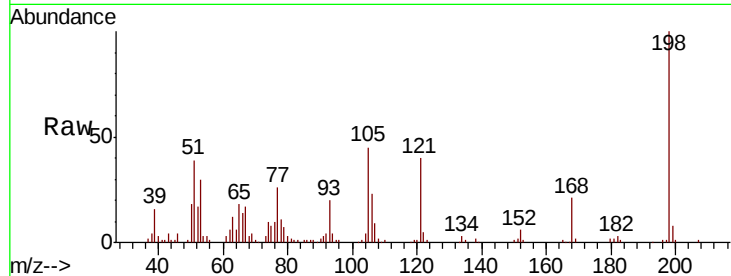
ClientSampleId :

P001-SS003-1824-01MSD

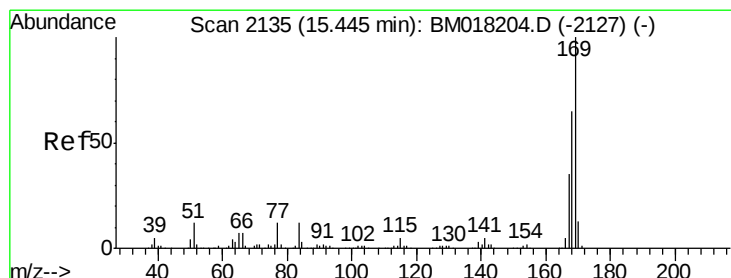
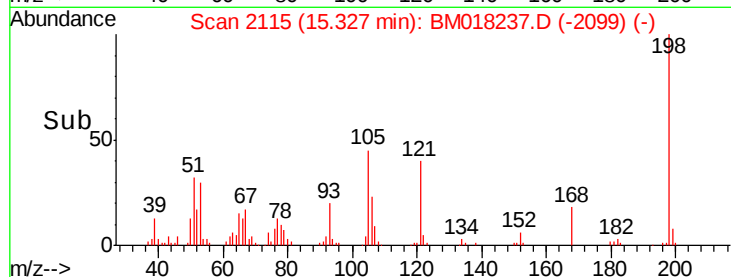
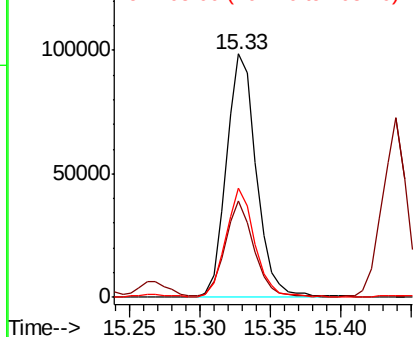
Tot Ion:	198	Resp:	145526
Ion Ratio	Lower	Upper	
198	100		
51	39.3	18.6	58.6
105	45.1	22.9	62.9

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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: 46.741 ng

RT: 15.44 min Scan# 2134

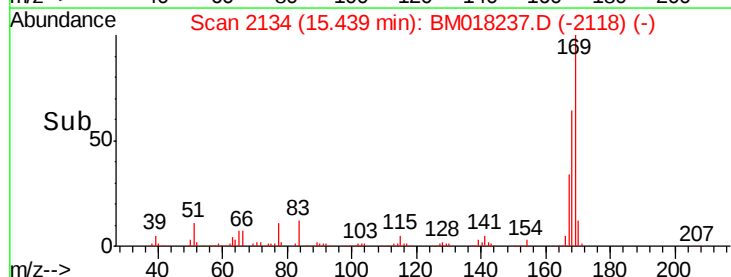
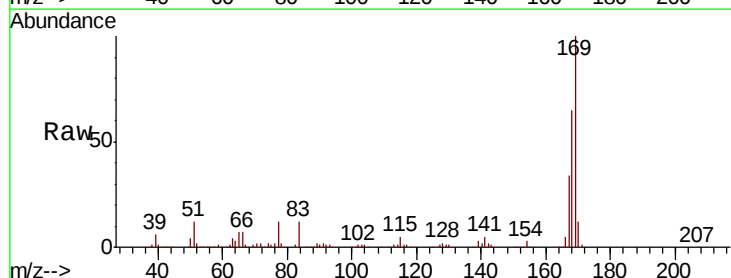
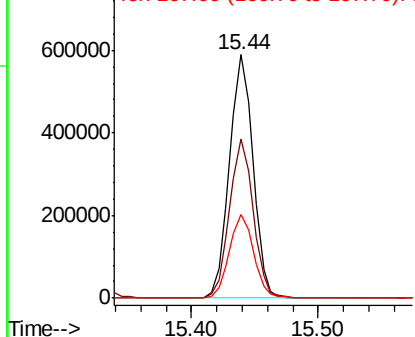
Delta R.T. -0.01 min

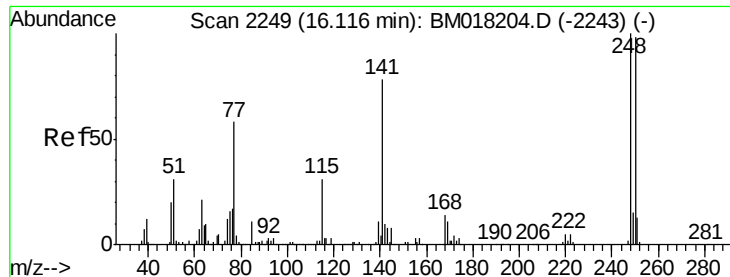
Lab File: BM018237.D

Acq: 16 Dec 2018 21:35

Tgt Ion:	169	Resp:	754248
Ion Ratio	Lower	Upper	
169	100		
168	65.2	52.2	78.4
167	34.1	27.6	41.4

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





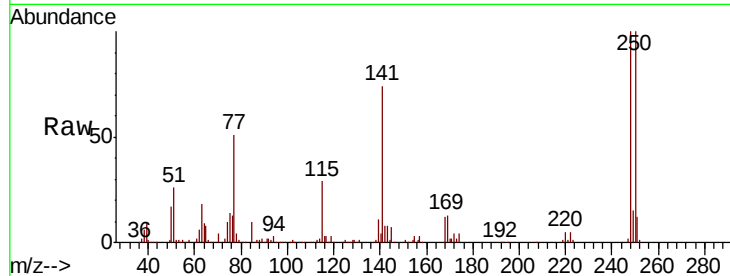
#67
 4-Bromophenyl-phenylether
 Concen: 43.785 ng
 RT: 16.12 min Scan# 2249
 Delta R.T. -0.00 min
 Lab File: BM018237.D
 Acq: 16 Dec 2018 21:35

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS003-1824-01MSD

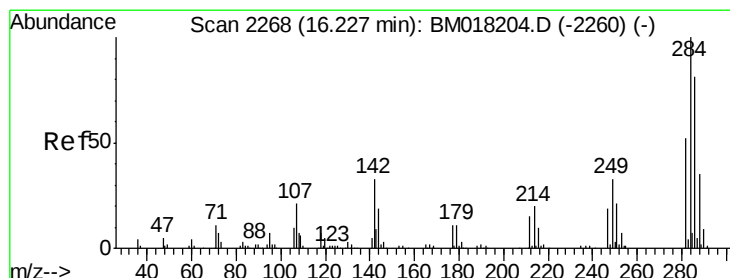
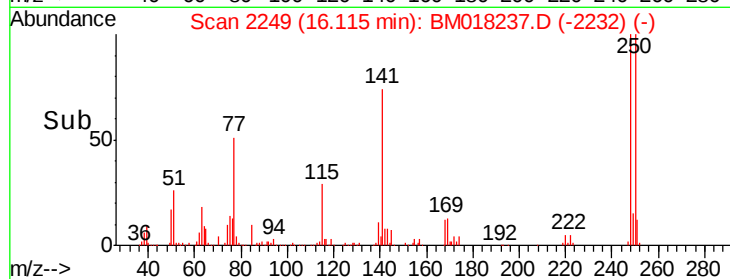
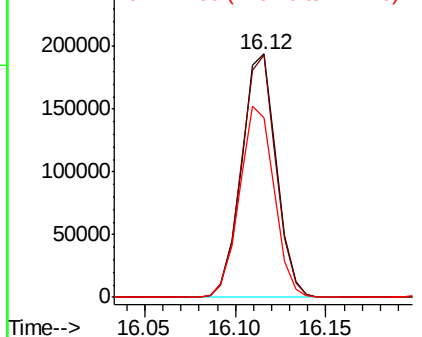
Tot Ion:	248	Resp:	258767
Ion Ratio	Lower	Upper	
248	100		
250	99.5	78.7	118.1
141	73.7	62.2	93.4

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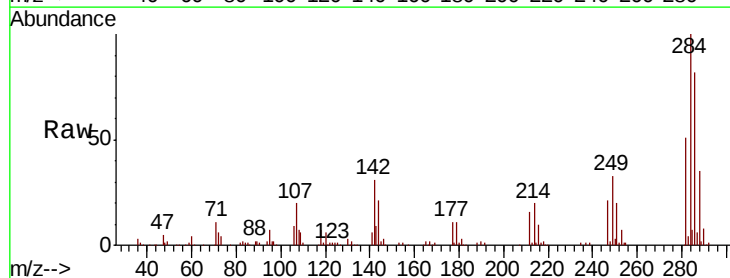


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

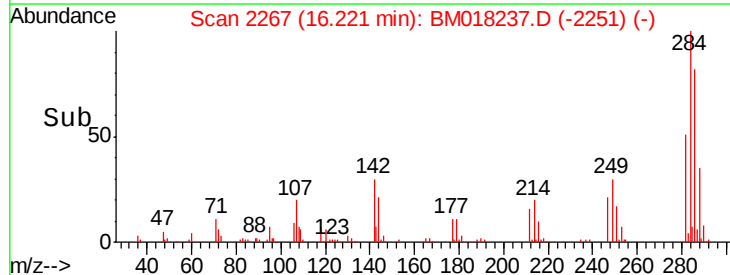
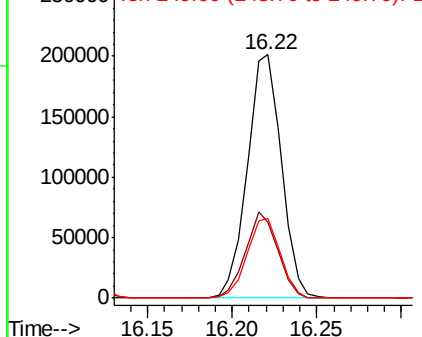


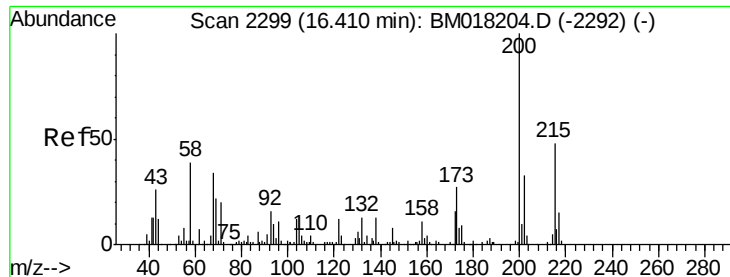
#68
 Hexachlorobenzene
 Concen: 43.794 ng
 RT: 16.22 min Scan# 2267
 Delta R.T. -0.01 min
 Lab File: BM018237.D
 Acq: 16 Dec 2018 21:35

Tgt Ion:	284	Resp:	283551
Ion Ratio	Lower	Upper	
284	100		
142	31.3	26.2	39.4
249	32.6	26.2	39.2



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





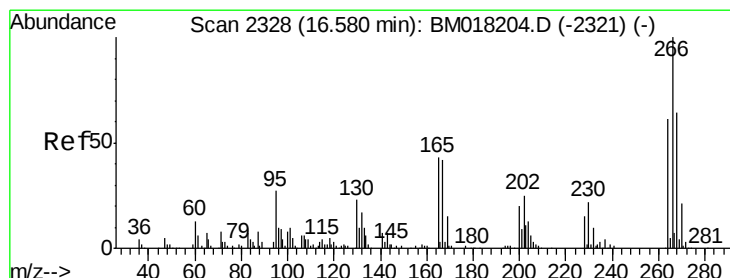
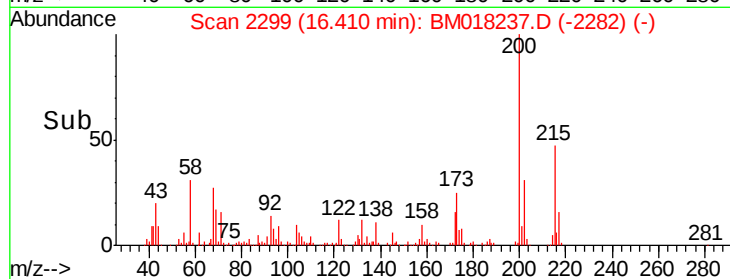
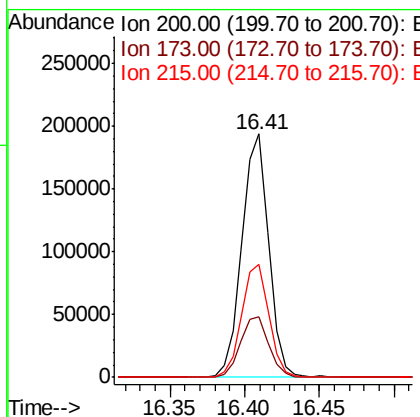
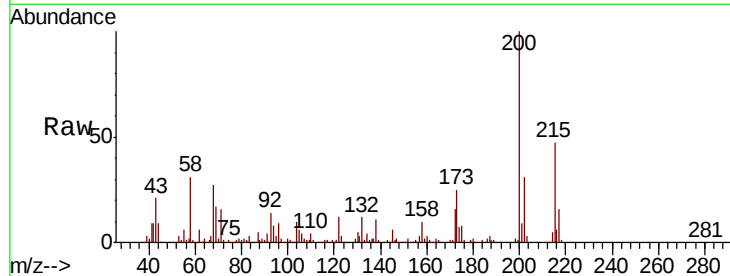
#69
Atrazine
Concen: 44.308 ng
RT: 16.41 min Scan# 2299
Delta R.T. -0.00 min
Lab File: BM018237.D
Acq: 16 Dec 2018 21:35

Instrument :
BNA_M
ClientSampleId :
P001-SS003-1824-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	241381		
173	25.0	6.9	46.9	
215	46.5	27.9	67.9	

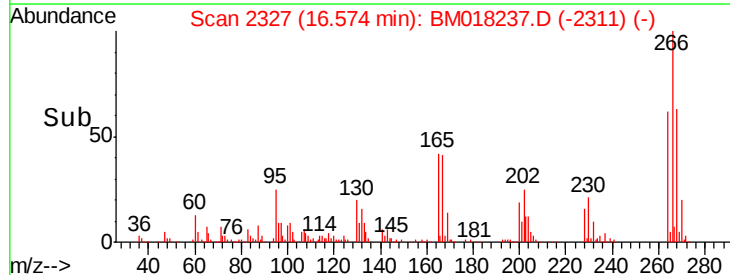
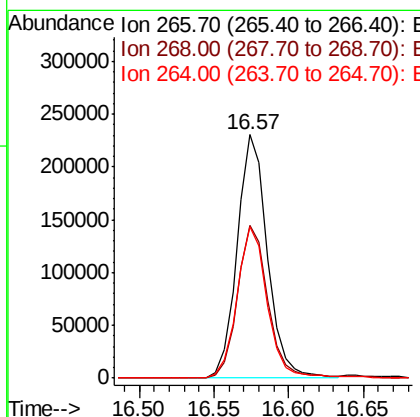
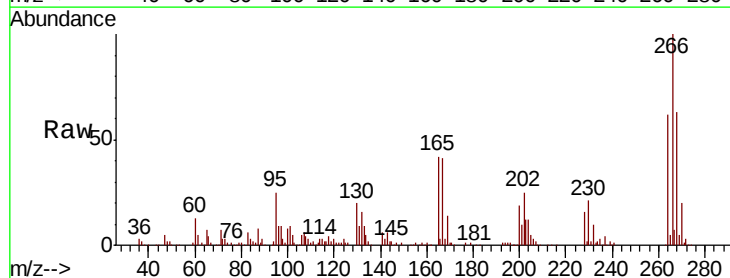
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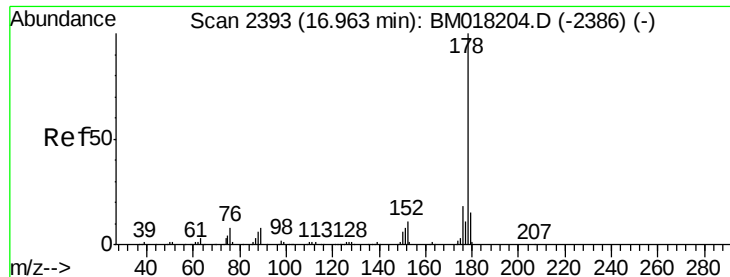
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#70
Pentachlorophenol
Concen: 76.006 ng
RT: 16.57 min Scan# 2327
Delta R.T. -0.01 min
Lab File: BM018237.D
Acq: 16 Dec 2018 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	325004		
268	62.6	51.1	76.7	
264	62.0	49.0	73.4	





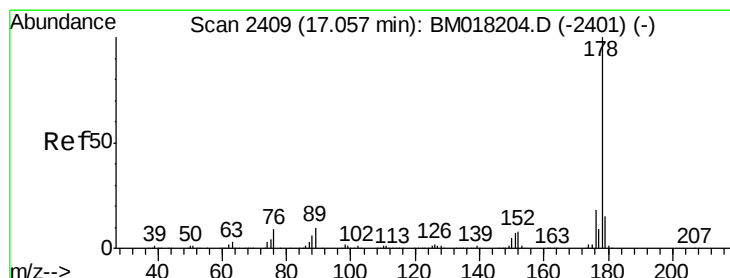
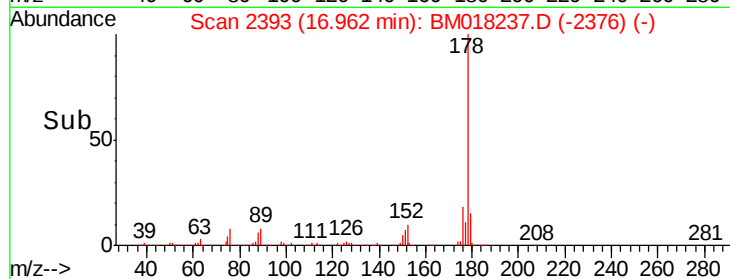
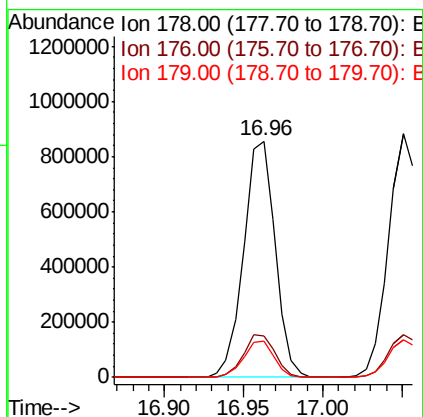
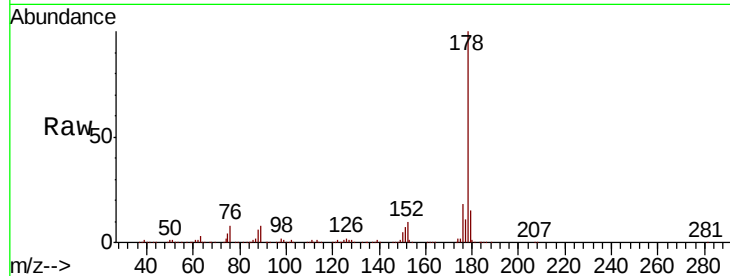
#71
Phenanthrene
Concen: 44.564 ng
RT: 16.96 min Scan# 2393
Delta R.T. -0.00 min
Lab File: BM018237.D
Acq: 16 Dec 2018 21:35

Instrument :
BNA_M
ClientSampleId :
P001-SS003-1824-01MSD

Tot Ion:178 Resp: 1181248
Ion Ratio Lower Upper
178 100
176 17.7 14.7 22.1
179 15.3 12.0 18.0

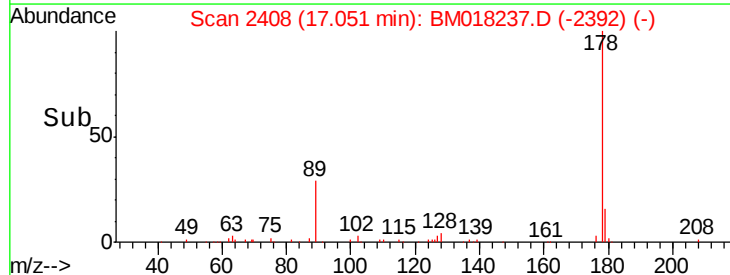
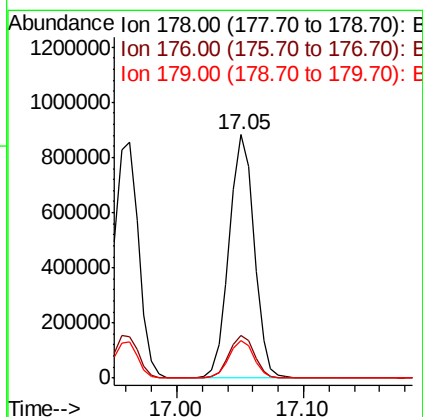
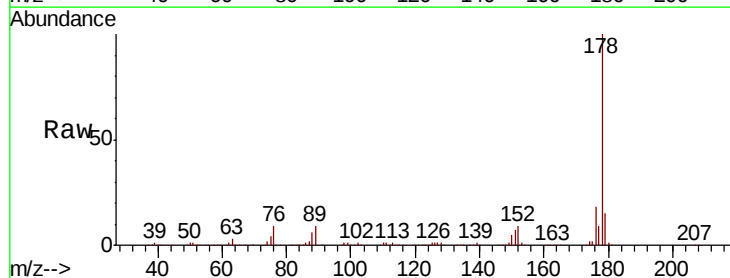
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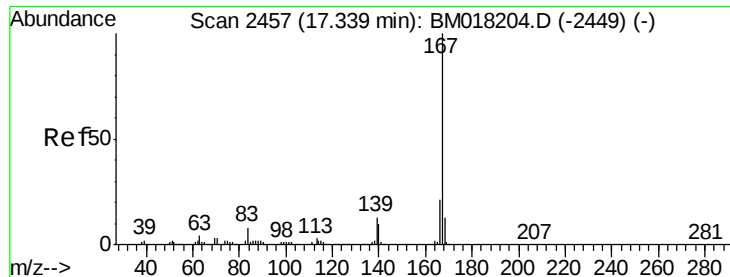
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#72
Anthracene
Concen: 45.651 ng
RT: 17.05 min Scan# 2408
Delta R.T. -0.01 min
Lab File: BM018237.D
Acq: 16 Dec 2018 21:35

Tgt Ion:178 Resp: 1200449
Ion Ratio Lower Upper
178 100
176 17.7 14.3 21.5
179 15.3 12.0 18.0





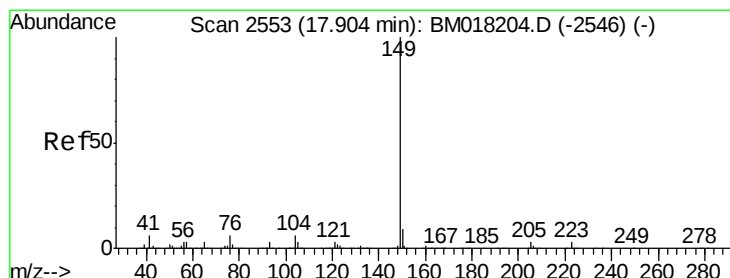
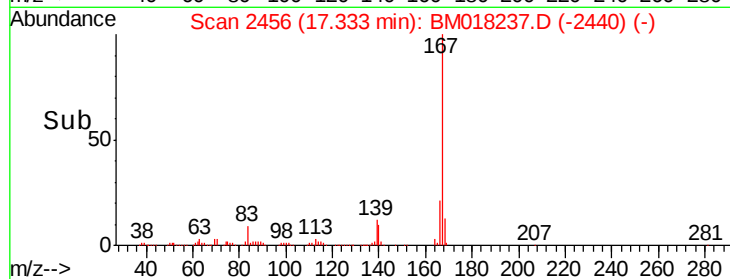
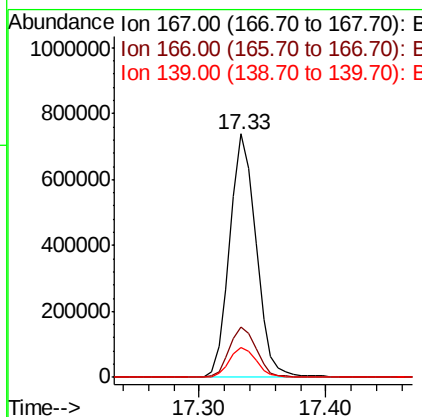
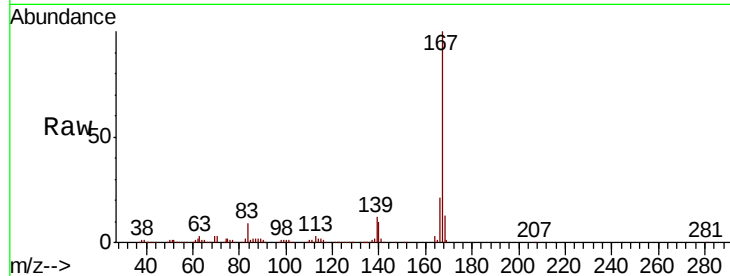
#73
 Carbazole
 Concen: 39.551 ng
 RT: 17.33 min Scan# 2456
 Delta R.T. -0.01 min
 Lab File: BM018237.D
 Acq: 16 Dec 2018 21:35

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS003-1824-01MSD

Tot Ion	Ion	Ratio	Lower	Upper
167	100			
166	20.8	16.8	25.2	
139	12.4	10.3	15.5	

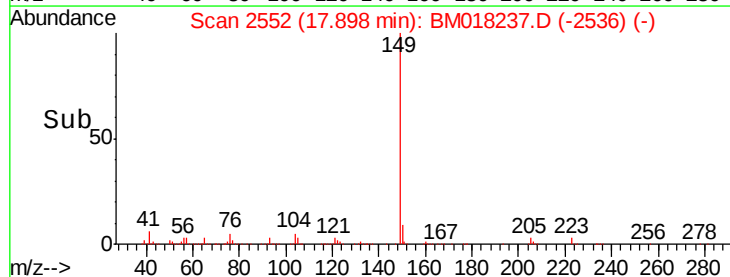
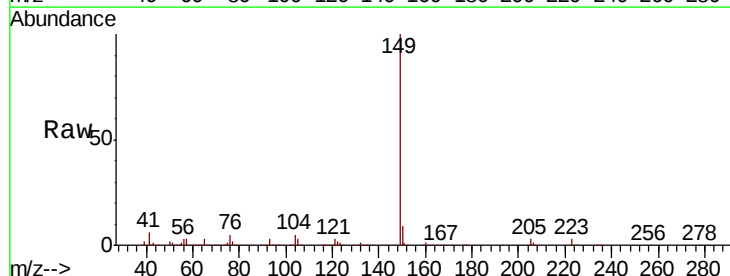
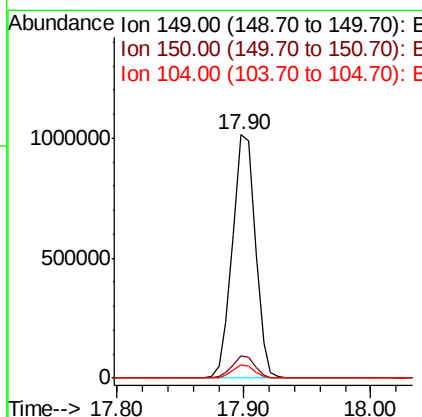
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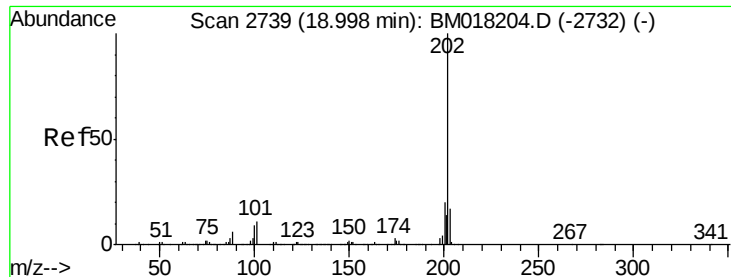
Sohil
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#74
 Di-n-butylphthalate
 Concen: 38.159 ng
 RT: 17.90 min Scan# 2552
 Delta R.T. -0.01 min
 Lab File: BM018237.D
 Acq: 16 Dec 2018 21:35

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
150	9.2	7.3	10.9	
104	5.2	4.8	7.2	





#75

Fluoranthene

Concen: 36.882 ng

RT: 18.99 min Scan# 2738

Delta R.T. -0.01 min

Lab File: BM018237.D

Acq: 16 Dec 2018 21:35

Instrument :

BNA_M

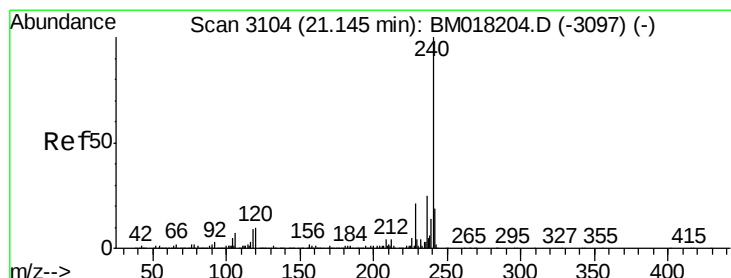
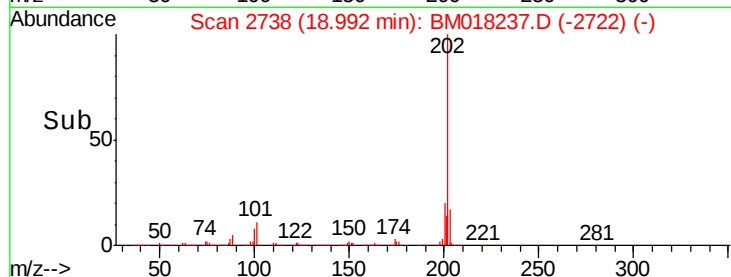
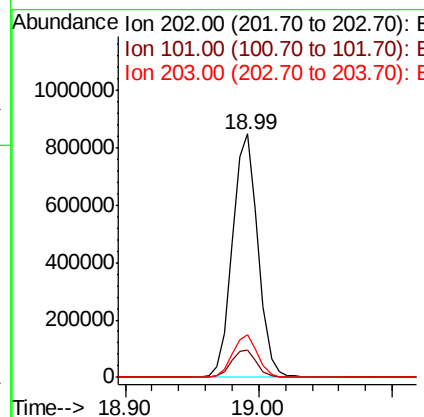
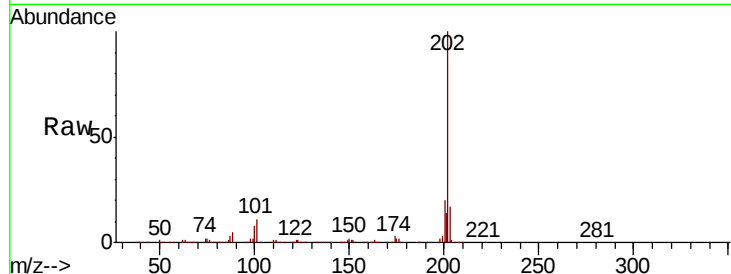
ClientSampleId :

P001-SS003-1824-01MSD

Tot Ion:	202	Resp:	1136608
Ion Ratio	Lower	Upper	
202	100		
101	11.2	0.0	30.5
203	17.4	0.0	37.5

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#76

Chrysene-d12

Concen: 20.000 ng

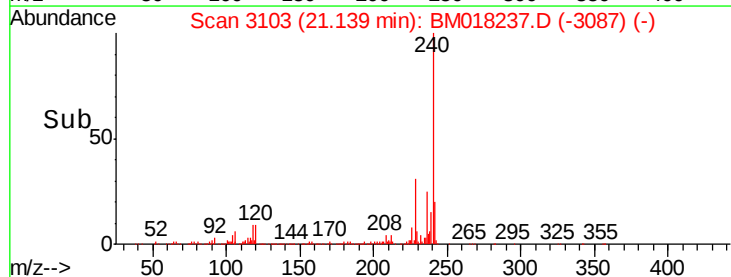
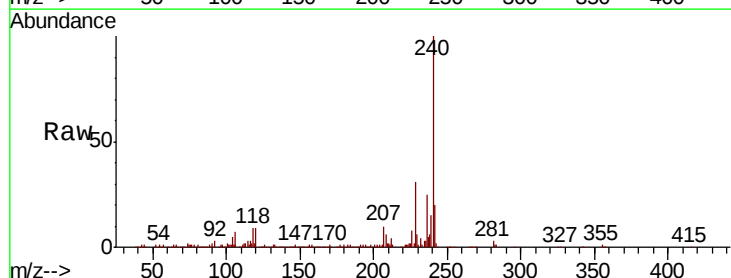
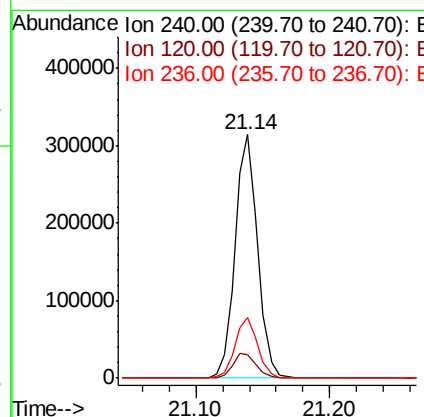
RT: 21.14 min Scan# 3103

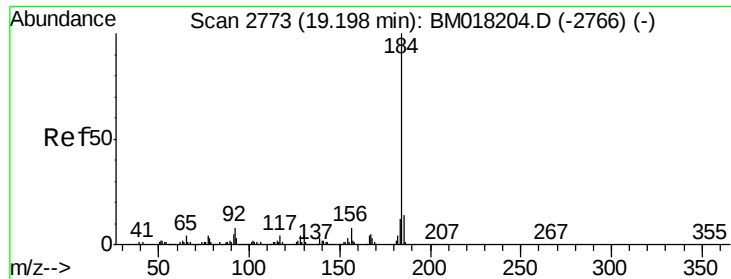
Delta R.T. -0.01 min

Lab File: BM018237.D

Acq: 16 Dec 2018 21:35

Tgt Ion:	240	Resp:	371155
Ion Ratio	Lower	Upper	
240	100		
120	9.5	8.2	12.2
236	25.0	20.3	30.5





#77

Benzidine

Concen: 36.108 ng

RT: 19.20 min Scan# 2773

Delta R.T. -0.00 min

Lab File: BM018237.D

Acq: 16 Dec 2018 21:35

Instrument :

BNA_M

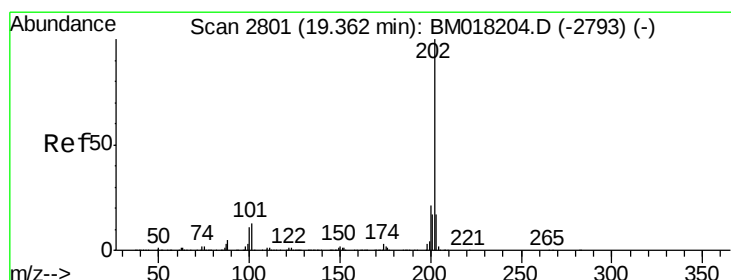
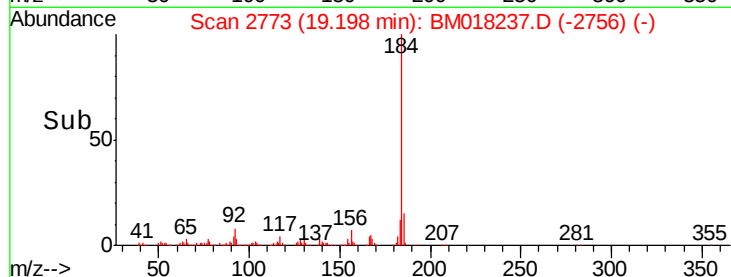
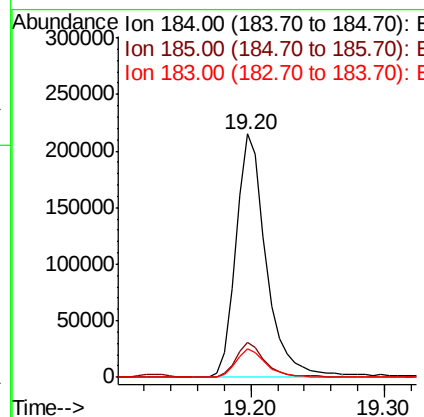
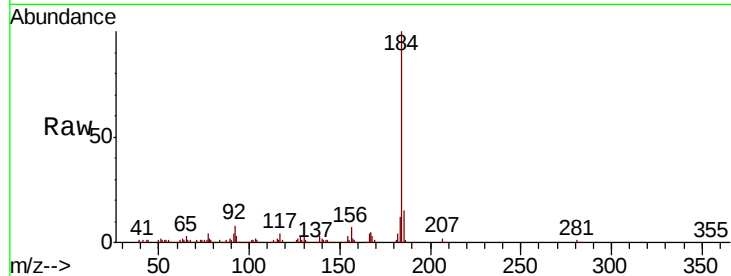
ClientSampleId :

P001-SS003-1824-01MSD

Tot Ion:	184	Resp:	339845
Ion Ratio		Lower	Upper
184	100		
185	14.6	11.4	17.2
183	11.8	9.7	14.5

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#78

Pyrene

Concen: 51.224 ng

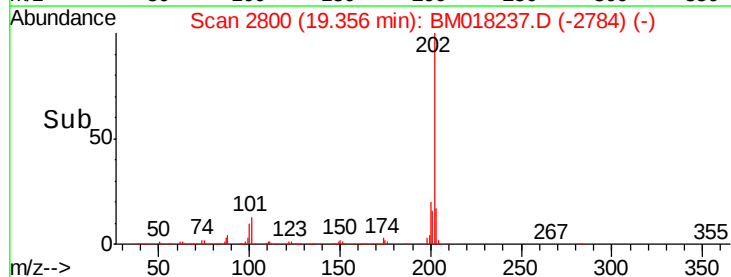
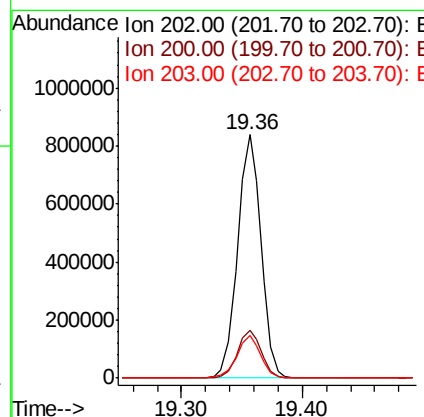
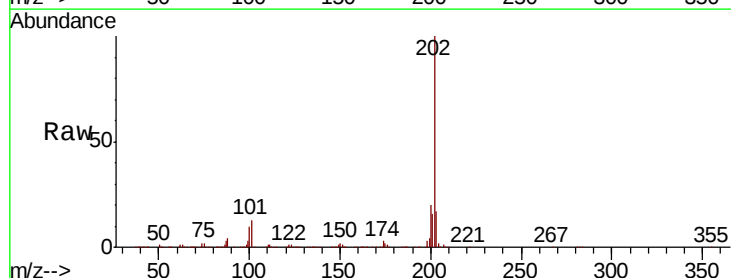
RT: 19.36 min Scan# 2800

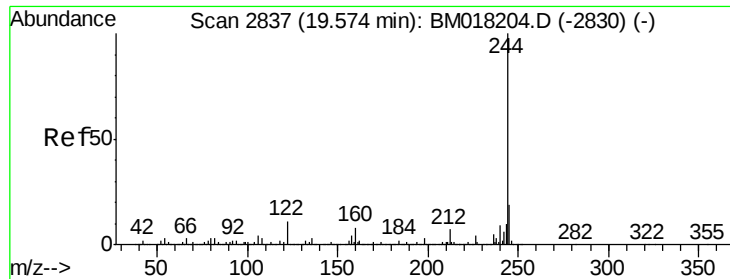
Delta R.T. -0.01 min

Lab File: BM018237.D

Acq: 16 Dec 2018 21:35

Tgt Ion:	202	Resp:	1132824
Ion Ratio		Lower	Upper
202	100		
200	19.9	16.5	24.7
203	17.3	14.0	21.0





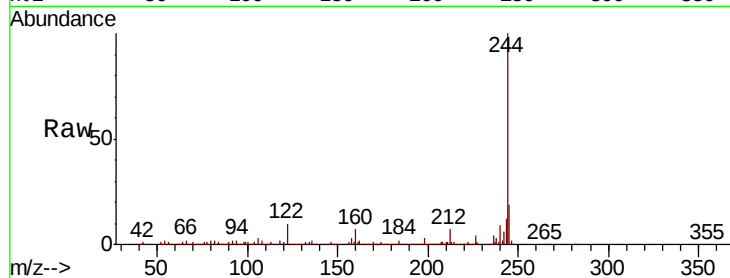
#79
 Terphenyl-d14
 Concen: 95.811 ng
 RT: 19.57 min Scan# 2837
 Delta R.T. -0.00 min
 Lab File: BM018237.D
 Acq: 16 Dec 2018 21:35

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS003-1824-01MSD

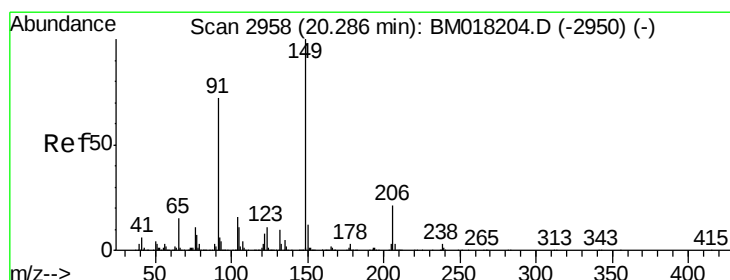
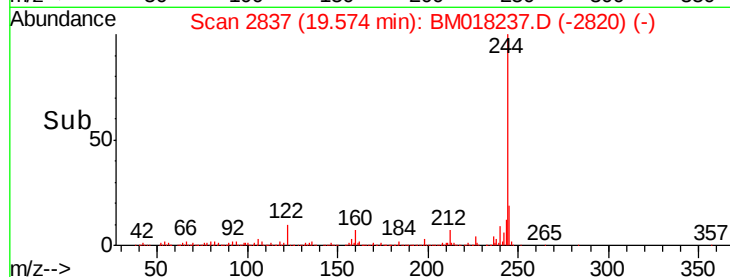
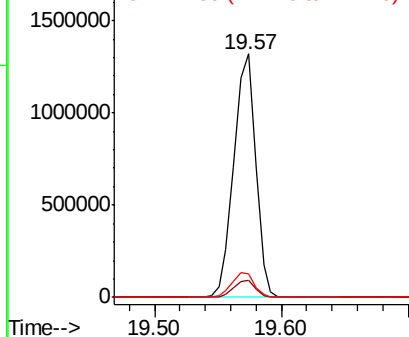
Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	9.6	9.0	13.6

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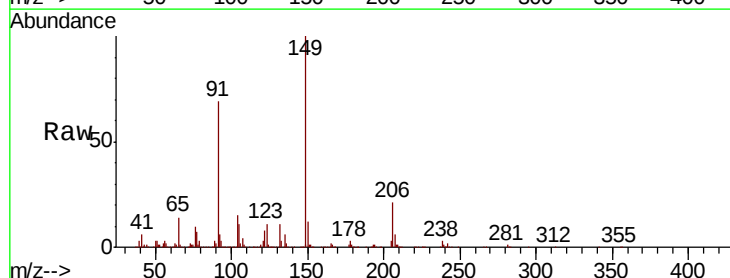


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

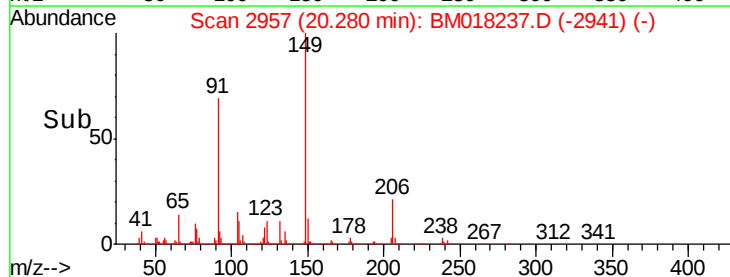
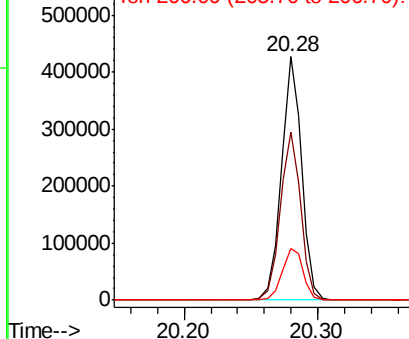


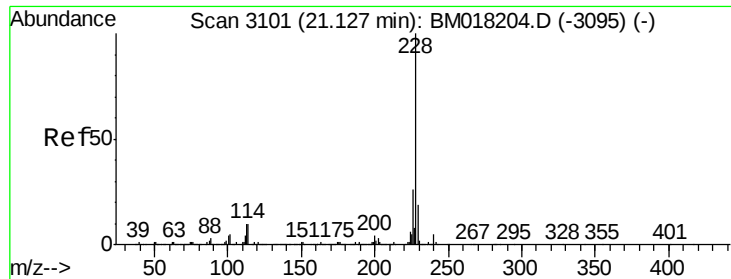
#80
 Butylbenzylphthalate
 Concen: 42.910 ng
 RT: 20.28 min Scan# 2957
 Delta R.T. -0.01 min
 Lab File: BM018237.D
 Acq: 16 Dec 2018 21:35

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.3	57.4	86.2
206	21.1	17.0	25.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BM0
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.555 ng

RT: 21.12 min Scan# 3100

Delta R.T. -0.01 min

Lab File: BM018237.D

Acq: 16 Dec 2018 21:35

Instrument :

BNA_M

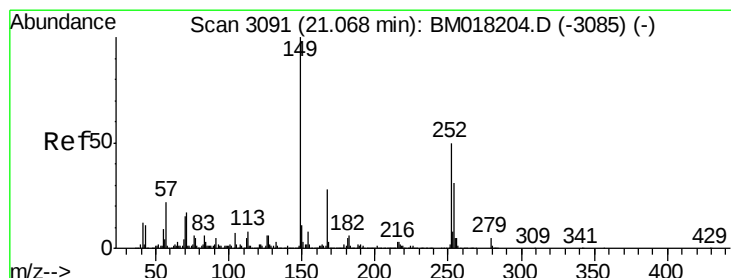
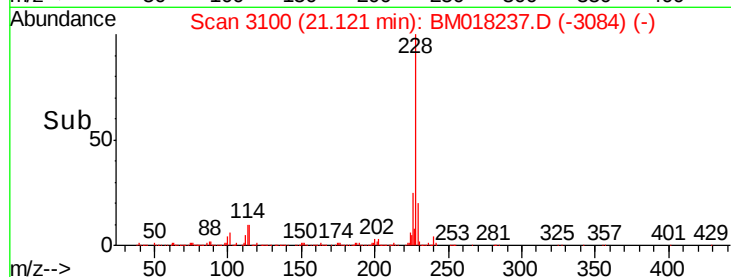
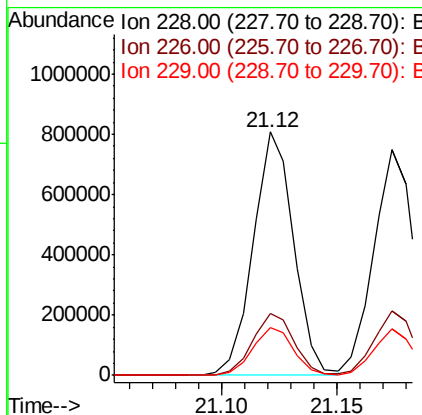
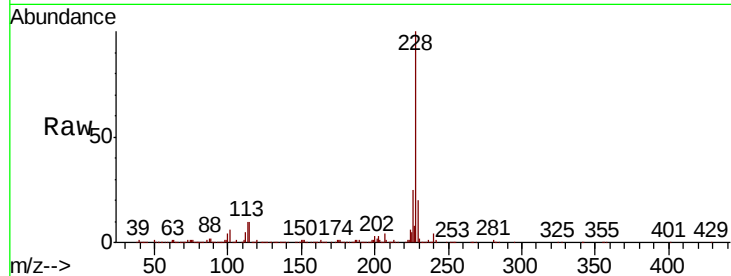
ClientSampleId :

P001-SS003-1824-01MSD

Tot Ion:	228	Resp:	987682
Ion Ratio	Lower	Upper	
228	100		
226	25.5	21.0	31.4
229	19.5	15.5	23.3

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 25.848 ng

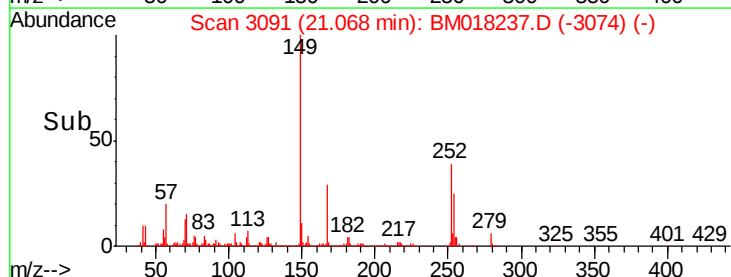
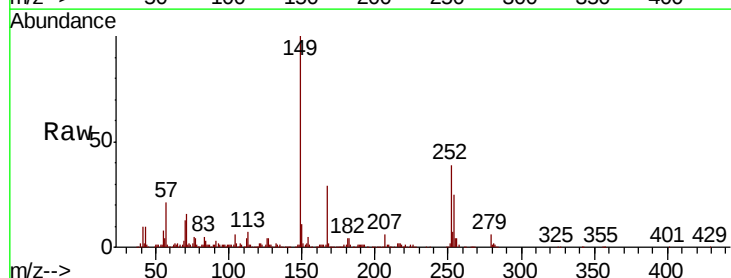
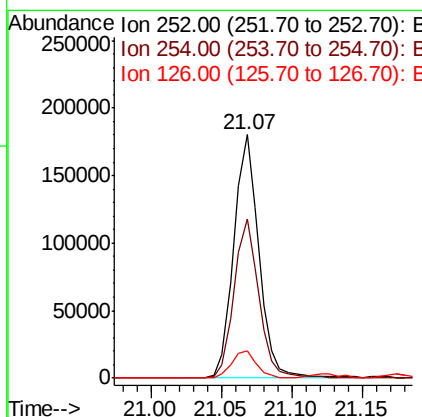
RT: 21.07 min Scan# 3091

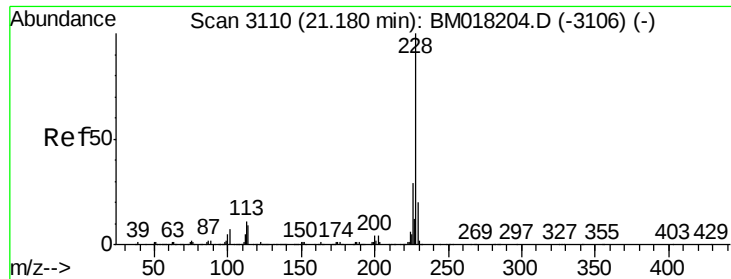
Delta R.T. -0.00 min

Lab File: BM018237.D

Acq: 16 Dec 2018 21:35

Tgt Ion:	252	Resp:	223889
Ion Ratio	Lower	Upper	
252	100		
254	65.3	50.4	75.6
126	11.0	9.4	14.0





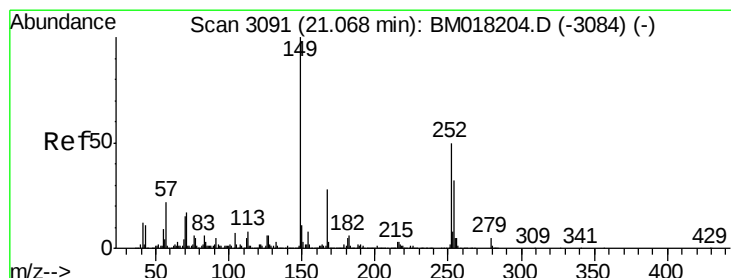
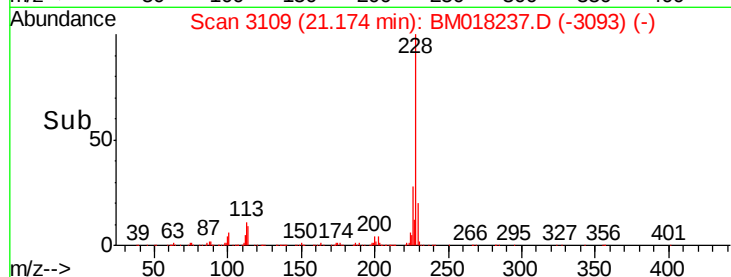
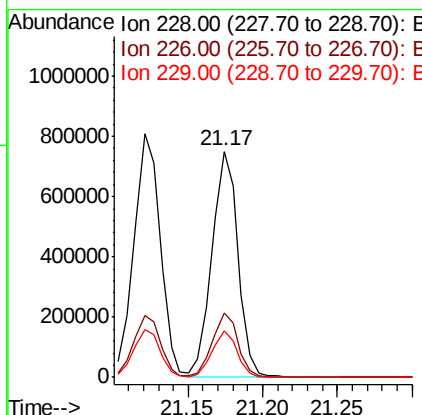
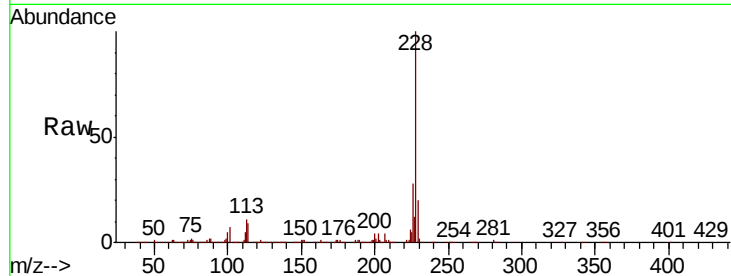
#83
Chrysene
Concen: 43.604 ng
RT: 21.17 min Scan# 3109
Delta R.T. -0.01 min
Lab File: BM018237.D
Acq: 16 Dec 2018 21:35

Instrument :
BNA_M
ClientSampleId :
P001-SS003-1824-01MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.1	34.7
229	20.4	15.8	23.6

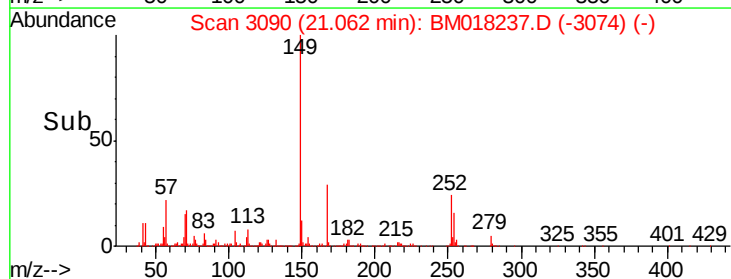
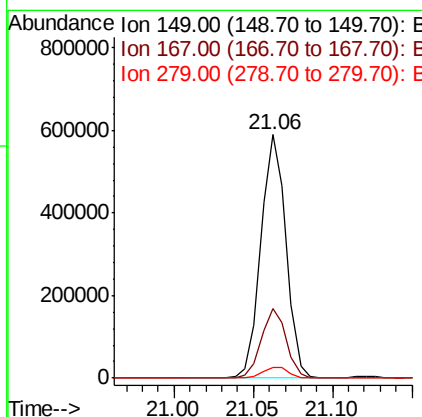
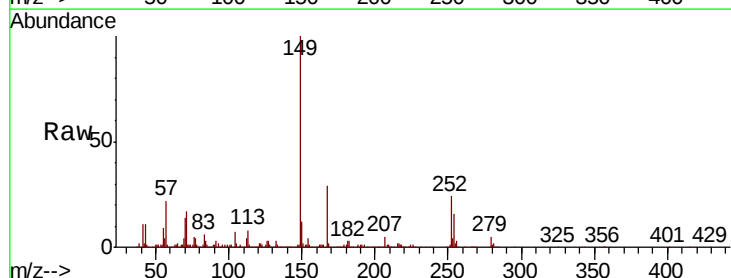
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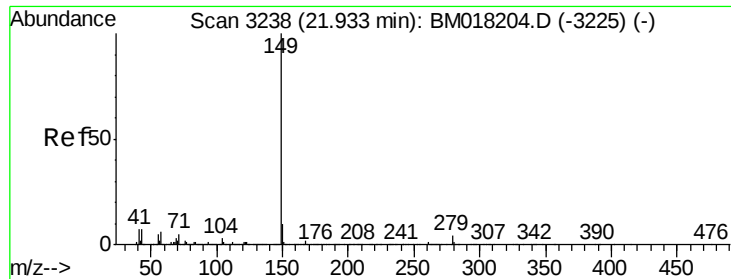
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#84
Bis(2-ethylhexyl)phthalate
Concen: 41.391 ng
RT: 21.06 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM018237.D
Acq: 16 Dec 2018 21:35

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.7	34.1
279	4.6	3.9	5.9





#85

Di-n-octyl phthalate

Concen: 41.665 ng

RT: 21.93 min Scan# 3237

Delta R.T. -0.01 min

Lab File: BM018237.D

Acq: 16 Dec 2018 21:35

Instrument :

BNA_M

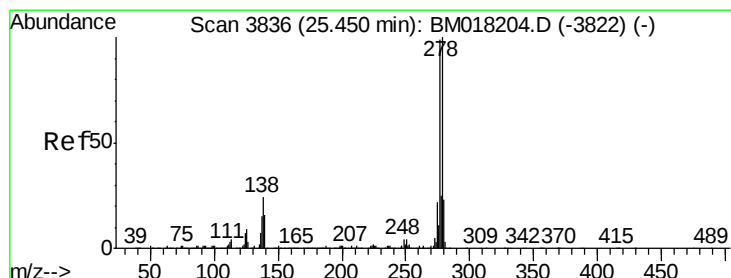
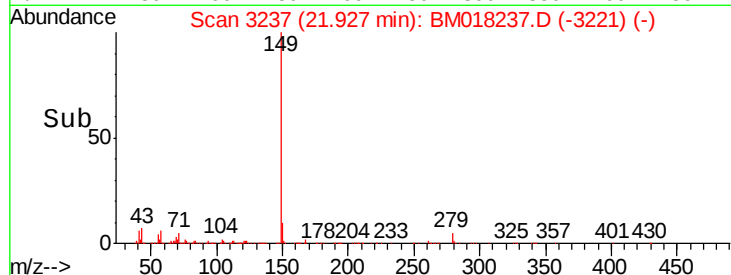
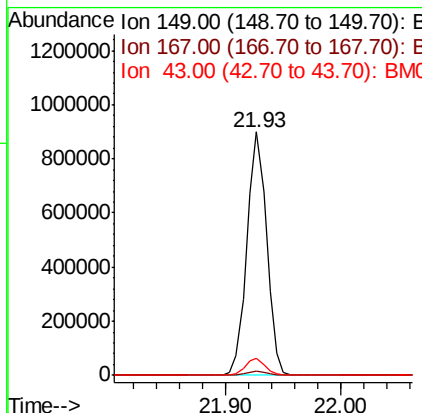
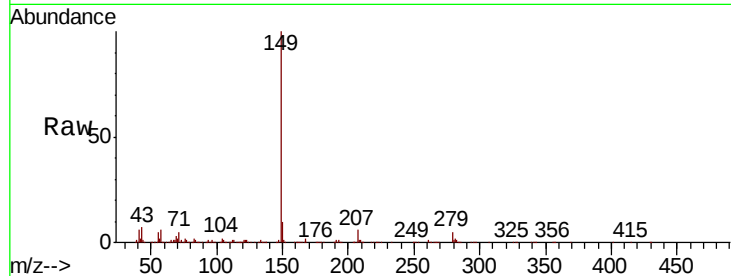
ClientSampleId :

P001-SS003-1824-01MSD

Tot Ion:	149	Resp:	1069934
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	6.8	6.2	9.4

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#86

Indeno(1,2,3-cd)pyrene

Concen: 62.100 ng

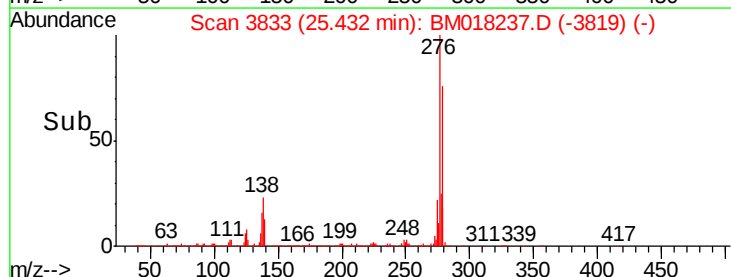
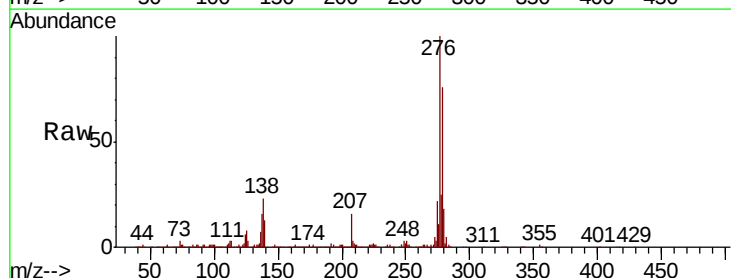
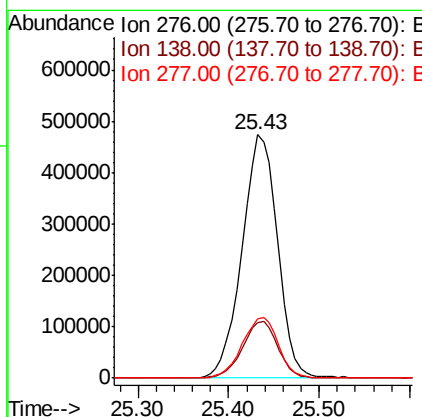
RT: 25.43 min Scan# 3833

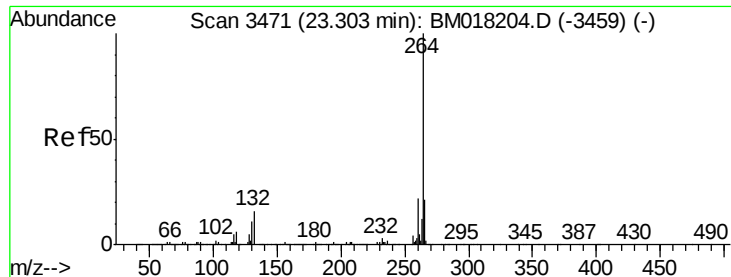
Delta R.T. -0.02 min

Lab File: BM018237.D

Acq: 16 Dec 2018 21:35

Tgt Ion:	276	Resp:	1290022
Ion	Ratio	Lower	Upper
276	100		
138	23.2	18.6	28.0
277	25.3	20.3	30.5





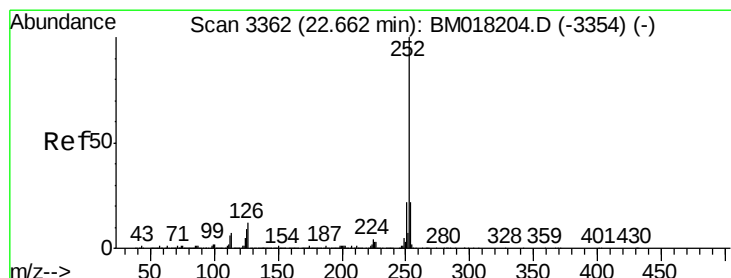
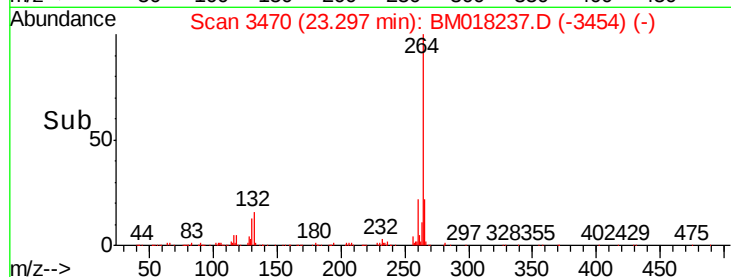
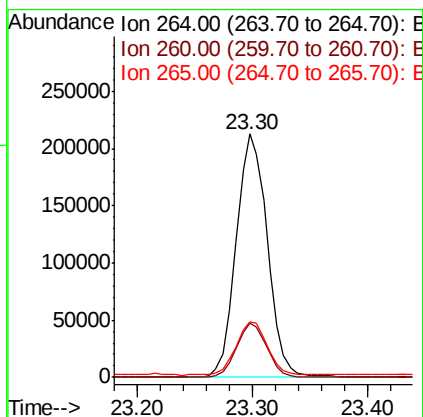
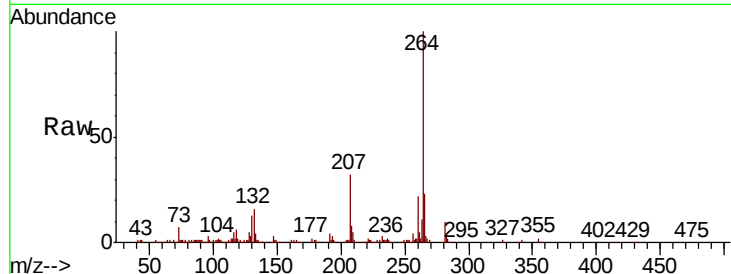
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.30 min Scan# 3470
Delta R.T. -0.01 min
Lab File: BM018237.D
Acq: 16 Dec 2018 21:35

Instrument :
BNA_M
ClientSampleId :
P001-SS003-1824-01MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.2	17.5	26.3
265	22.7	17.3	25.9

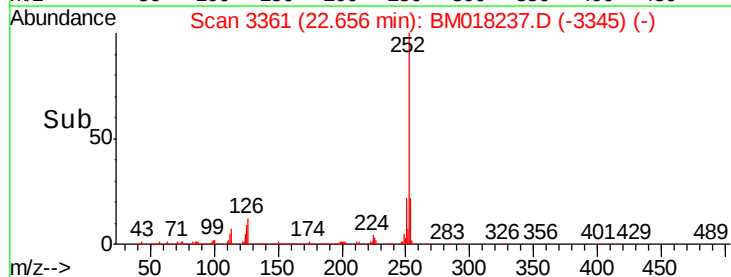
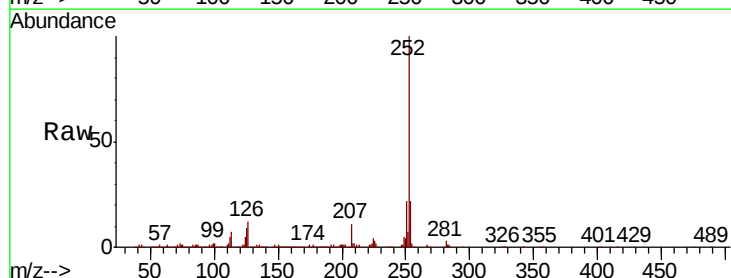
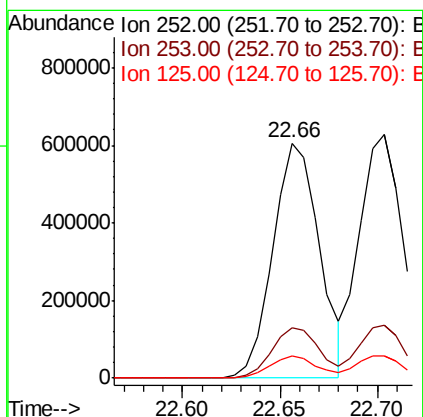
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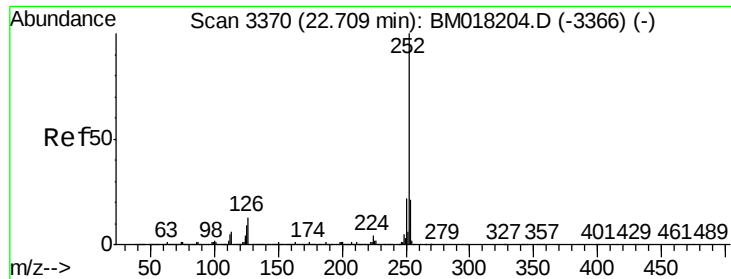
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#88
Benzo(b)fluoranthene
Concen: 44.789 ng
RT: 22.66 min Scan# 3361
Delta R.T. -0.01 min
Lab File: BM018237.D
Acq: 16 Dec 2018 21:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	9.4	7.4	11.0





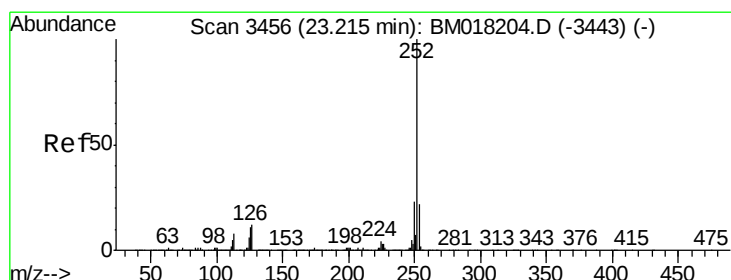
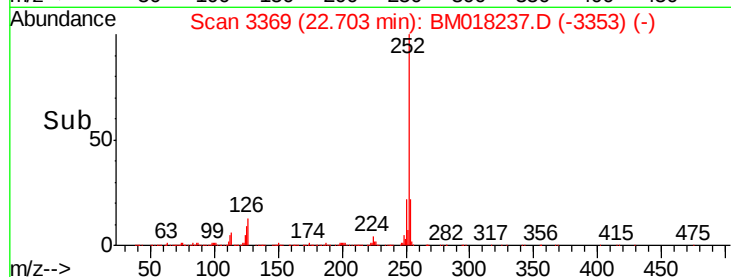
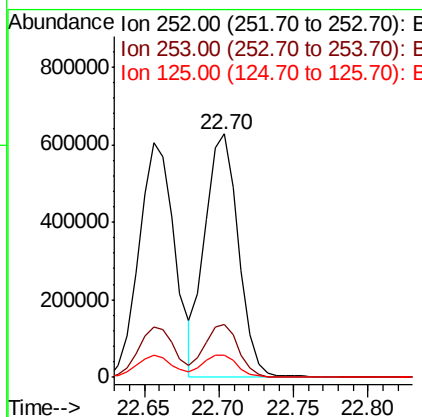
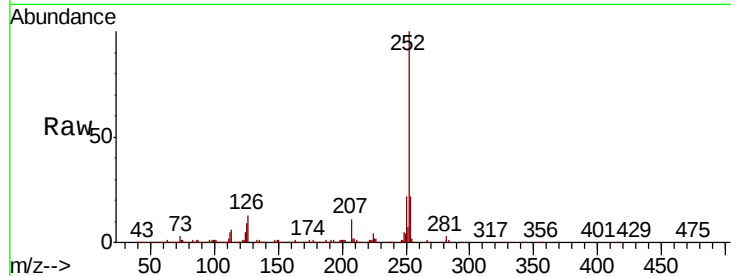
#89
Benzo(k)fluoranthene
Concen: 43.860 ng
RT: 22.70 min Scan# 3369
Delta R.T. -0.01 min
Lab File: BM018237.D
Acq: 16 Dec 2018 21:35

Instrument :
BNA_M
ClientSampleId :
P001-SS003-1824-01MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	16.9	25.3
125	9.3	7.5	11.3

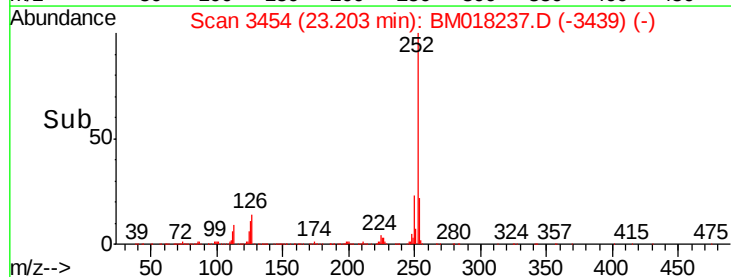
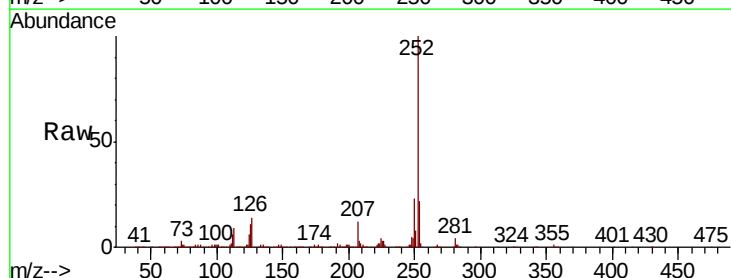
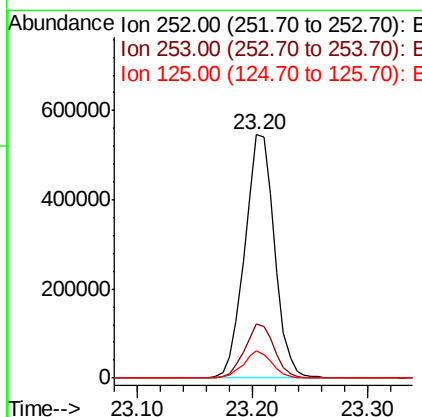
Manual Integrations
APPROVED

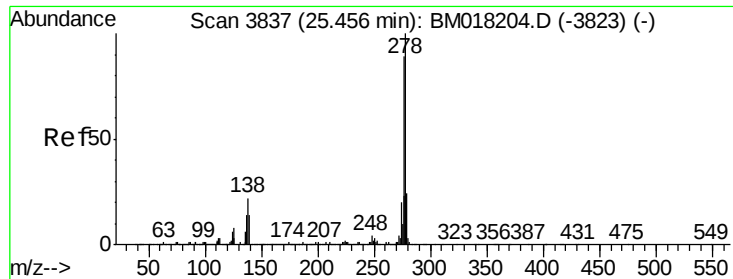
Sohil
12/17/2018 4:20:59 PM



#90
Benzo(a)pyrene
Concen: 46.068 ng
RT: 23.20 min Scan# 3454
Delta R.T. -0.01 min
Lab File: BM018237.D
Acq: 16 Dec 2018 21:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.6	26.4
125	11.3	8.6	12.8





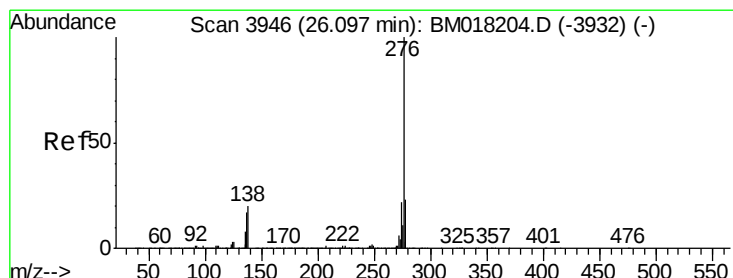
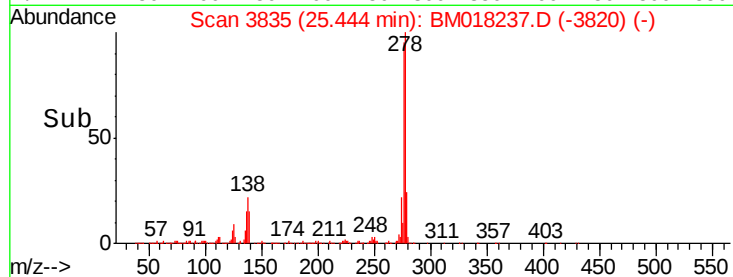
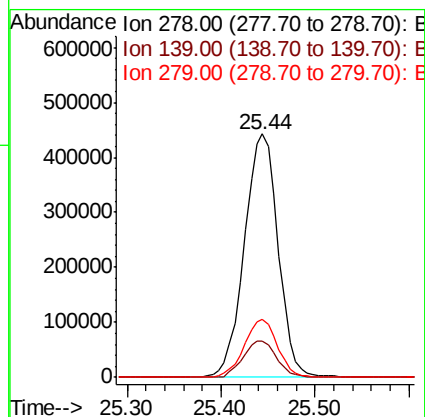
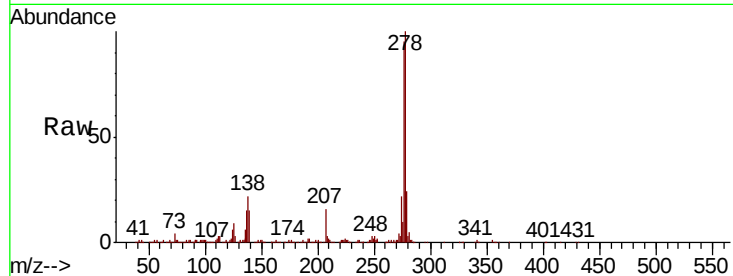
#91
Dibenzo(a,h)anthracene
Concen: 55.908 ng
RT: 25.44 min Scan# 3835
Delta R.T. -0.01 min
Lab File: BM018237.D
Acq: 16 Dec 2018 21:35

Instrument :
BNA_M
ClientSampleId :
P001-SS003-1824-01MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.0	11.6	17.4
279	23.7	19.2	28.8

Manual Integrations
APPROVED

Sohil
12/17/2018 4:20:59 PM



#92
Benzo(g,h,i)perylene
Concen: 58.463 ng
RT: 26.09 min Scan# 3944
Delta R.T. -0.01 min
Lab File: BM018237.D
Acq: 16 Dec 2018 21:35

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.7	28.1
138	20.6	15.8	23.8

