

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121618\
 Data File : BM018233.D
 Acq On : 16 Dec 2018 19:07
 Operator : JU/SJ
 Sample : J6377-18MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P001-SD006-0612-01MSD

Manual Integrations
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Sohil
 12/17/2018 4:20:57 PM

Quant Time: Dec 17 04:39:49 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	7.49	152	137502	20.00	ng	-0.01
21) Naphthalene-d8	10.26	136	522422	20.00	ng	0.00
39) Acenaphthene-d10	14.16	164	256914	20.00	ng	0.00
64) Phenanthrene-d10	16.92	188	466508	20.00	ng	0.00
76) Chrysene-d12	21.14	240	386748	20.00	ng	0.00
87) Perylene-d12	23.30	264	430844	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.13	112	912714	110.88	ng	0.00
7) Phenol-d6	6.70	99	1220276	106.66	ng	0.00
23) Nitrobenzene-d5	8.66	82	664267	65.22	ng	0.00
42) 2,4,6-Tribromophenol	15.66	330	315010	83.54	ng	0.00
45) 2-Fluorobiphenyl	12.76	172	1321804	66.64	ng	0.00
79) Terphenyl-d14	19.57	244	1061377	62.07	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.13	88	106435	32.642	ng	99
3) Pyridine	3.51	79	314332	32.769	ng	99
4) n-Nitrosodimethylamine	3.43	42	125528	38.019	ng	96
6) Aniline	6.85	93	298450	20.795	ng	97
8) 2-Chlorophenol	7.07	128	364402	37.469	ng	97
9) Benzaldehyde	6.66	77	113507	16.277	ng	90
10) Phenol	6.73	94	544279	44.921	ng	98
11) bis(2-Chloroethyl)ether	6.95	93	324645	33.713	ng	96
12) 1,3-Dichlorobenzene	7.38	146	377513	34.762	ng	98
13) 1,4-Dichlorobenzene	7.53	146	398461	36.132	ng	98
14) 1,2-Dichlorobenzene	7.84	146	369569	34.763	ng	98
15) Benzyl Alcohol	7.75	79	298965	32.070	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.03	45	285815	32.982	ng	97
17) 2-Methylphenol	7.95	107	289720	35.811	ng	99
18) Hexachloroethane	8.55	117	137749	34.079	ng	93
19) n-Nitroso-di-n-propylamine	8.31	70	251196	29.406	ng	95
20) 3+4-Methylphenols	8.28	107	377165	33.270	ng	95
22) Acetophenone	8.32	105	514326	37.202	ng	98
24) Nitrobenzene	8.70	77	366361	36.000	ng	97
25) Isophorone	9.22	82	640266	37.759	ng	99
26) 2-Nitrophenol	9.40	139	188858	37.837	ng	98
27) 2,4-Dimethylphenol	9.47	122	307729	42.778	ng	95
28) bis(2-Chloroethoxy)methane	9.70	93	406219	36.752	ng	100
29) 2,4-Dichlorophenol	9.93	162	300237	37.643	ng	97
30) 1,2,4-Trichlorobenzene	10.13	180	334917	36.916	ng	93
31) Naphthalene	10.31	128	1029000	40.282	ng	99
32) Benzoic acid	9.65	122	211237m	31.011	ng	
33) 4-Chloroaniline	10.46	127	101253	9.049	ng	96
34) Hexachlorobutadiene	10.58	225	212376	37.013	ng	96
35) Caprolactam	11.25	113	81362m	26.771	ng	
36) 4-Chloro-3-methylphenol	11.59	107	322227	33.622	ng	99
37) 2-Methylnaphthalene	11.93	142	731491	40.605	ng	97
38) 1-Methylnaphthalene	12.16	142	671785	38.216	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.32	216	354761	40.156	ng	99

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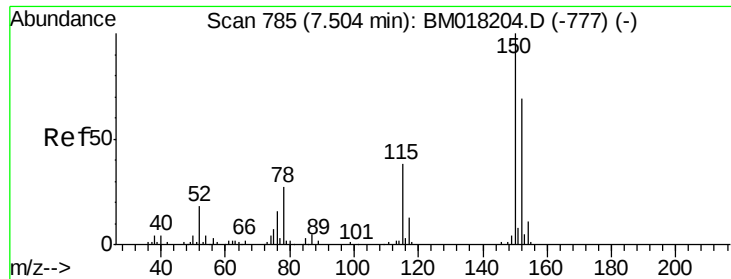
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121518.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.28	237	340778	87.266	nq	98
43) 2,4,6-Trichlorophenol	12.57	196	223613	39.353	nq	96
44) 2,4,5-Trichlorophenol	12.65	196	234216	38.826	nq	98
46) 1,1'-Biphenyl	12.97	154	855160	36.999	nq	98
47) 2-Chloronaphthalene	13.02	162	688339	40.463	nq	99
48) 2-Nitroaniline	13.25	65	188027	35.880	nq	99
49) Acenaphthylene	13.87	152	1054689	41.141	nq	98
50) Dimethylphthalate	13.63	163	880108	41.205	nq	99
51) 2,6-Dinitrotoluene	13.76	165	167620	35.699	nq	97
52) Acenaphthene	14.22	154	612967	39.125	nq	99
53) 3-Nitroaniline	14.09	138	95323	19.291	nq	99
54) 2,4-Dinitrophenol	14.31	184	190869	73.691	nq	97
55) Dibenzofuran	14.56	168	938846	37.294	nq	98
56) 4-Nitrophenol	14.42	139	229442	61.244	nq	98
57) 2,4-Dinitrotoluene	14.56	165	218013	33.591	nq	97
58) Fluorene	15.22	166	745423	38.339	nq	99
59) 2,3,4,6-Tetrachlorophenol	14.80	232	193157	35.554	nq	98
60) Diethylphthalate	15.00	149	713497	30.954	nq	100
61) 4-Chlorophenyl-phenylether	15.22	204	379096	34.475	nq	100
62) 4-Nitroaniline	15.27	138	132498	28.260	nq	98
63) Azobenzene	15.51	77	663483	31.568	nq	97
65) 4,6-Dinitro-2-methylphenol	15.33	198	116482	33.917	nq	100
66) n-Nitrosodiphenylamine	15.44	169	600788	38.945	nq	99
67) 4-Bromophenyl-phenylether	16.11	248	214328	37.935	nq	97
68) Hexachlorobenzene	16.22	284	239572	38.706	nq	98
69) Atrazine	16.40	200	183392	35.214	nq	99
70) Pentachlorophenol	16.57	266	257701	63.042	nq	98
71) Phenanthrene	16.96	178	1013354	39.991	nq	99
72) Anthracene	17.05	178	1023146	40.700	nq	99
73) Carbazole	17.33	167	852584	33.043	nq	99
74) Di-n-butylphthalate	17.90	149	1076626	33.817	nq	99
75) Fluoranthene	18.99	202	1007128	34.185	nq	99
77) Benzidine	19.20	184	474103	48.342	nq	98
78) Pyrene	19.36	202	967515	41.985	nq	99
80) Butylbenzylphthalate	20.28	149	392382	35.792	nq	98
81) Benzo(a)anthracene	21.12	228	884613	39.156	nq	99
82) 3,3'-Dichlorobenzidine	21.07	252	248469	27.529	nq	97
83) Chrysene	21.17	228	835417	38.445	nq	99
84) Bis(2-ethylhexyl)phthalate	21.06	149	570147	34.895	nq	99
85) Di-n-octyl phthalate	21.93	149	1015937	37.967	nq	98
86) Indeno(1,2,3-cd)pyrene	25.44	276	1246389	57.581	nq	100
88) Benzo(b)fluoranthene	22.66	252	954754	39.450	nq	99
89) Benzo(k)fluoranthene	22.70	252	923052	38.297	nq	99
90) Benzo(a)pyrene	23.21	252	951679	41.345	nq	99
91) Dibenzo(a,h)anthracene	25.44	278	1058216	49.630	nq	99
92) Benzo(g,h,i)perylene	26.09	276	1066098	52.894	nq	100

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



#1

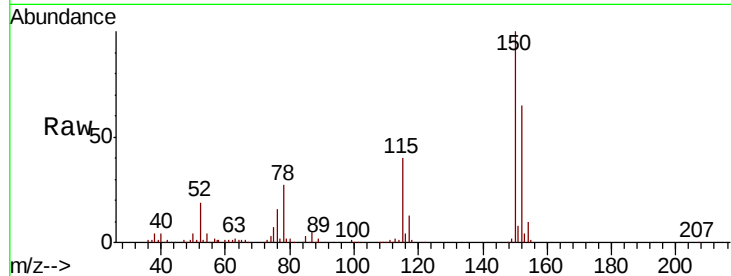
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 783
Delta R.T. -0.01 min
Lab File: BM018233.D
Acq: 16 Dec 2018 19:07

Instrument :
BNA_M
ClientSampleId :
P001-SD006-0612-01MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.7	116.1	174.1
115	61.6	44.6	67.0

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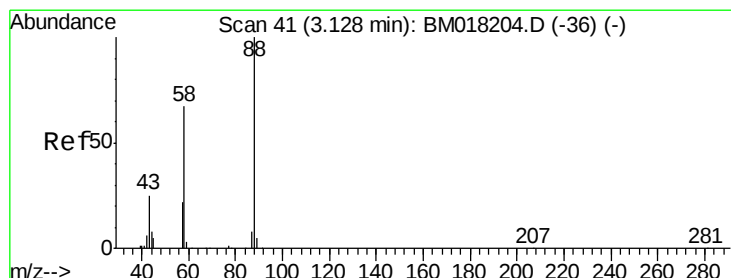
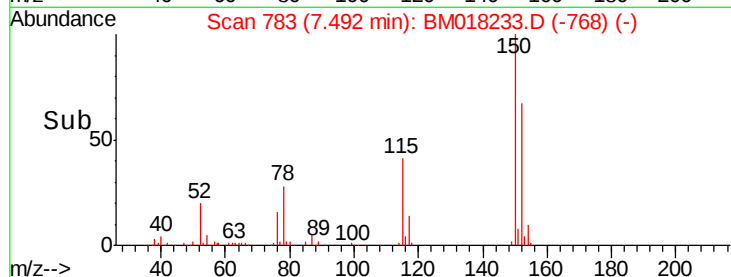
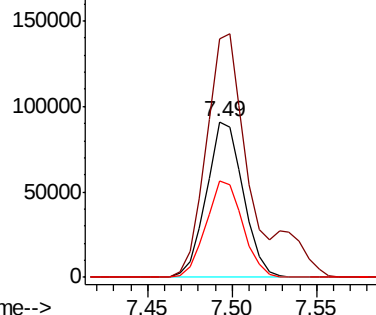


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

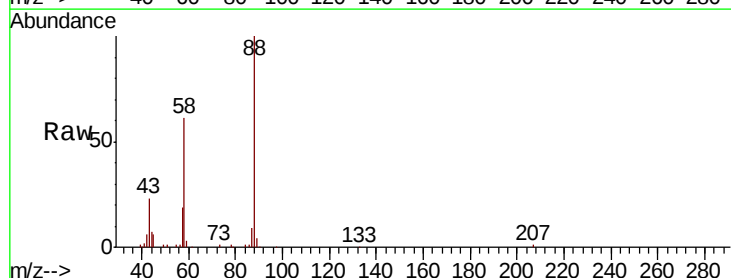
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 32.642 ng
RT: 3.13 min Scan# 42
Delta R.T. 0.01 min
Lab File: BM018233.D
Acq: 16 Dec 2018 19:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.4	49.8	74.6
43	23.1	19.1	28.7

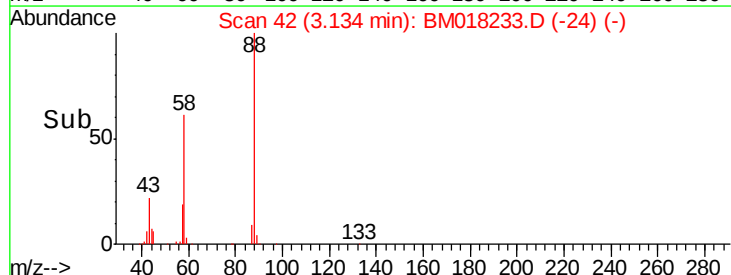
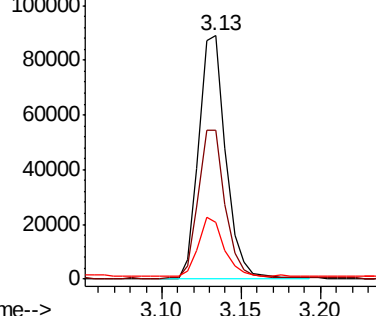


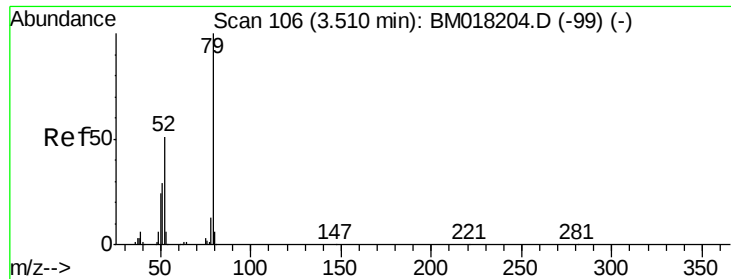
Abundance

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





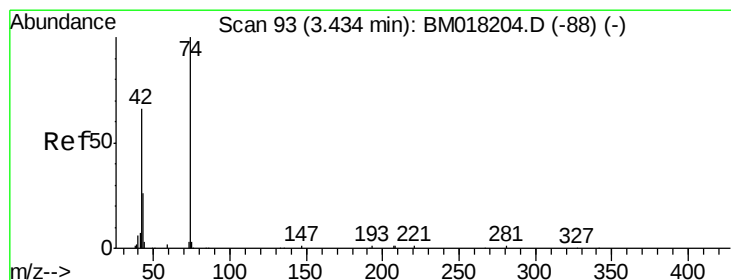
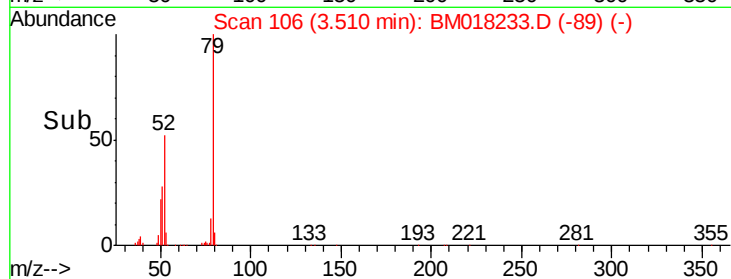
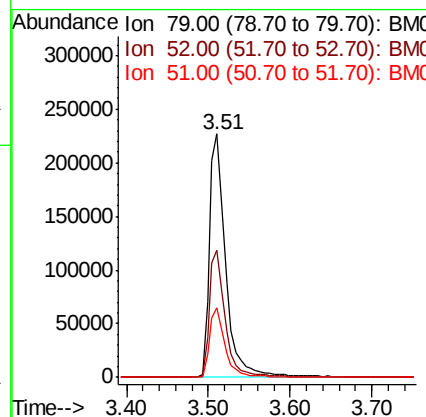
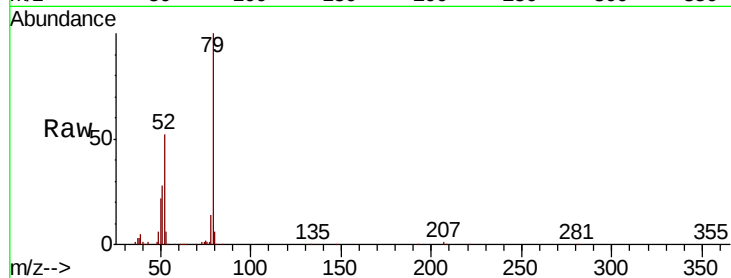
#3
 Pvridine
 Concen: 32.769 ng
 RT: 3.51 min Scan# 106
 Delta R.T. -0.00 min
 Lab File: BM018233.D
 Acq: 16 Dec 2018 19:07

Instrument :
 BNA_M
 ClientSampleId :
 P001-SD006-0612-01MSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	52.1	40.7	61.1
51	28.4	23.0	34.6

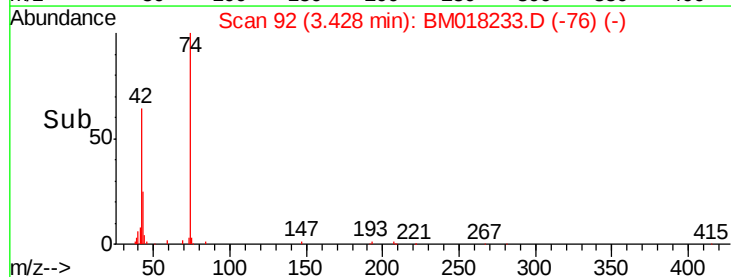
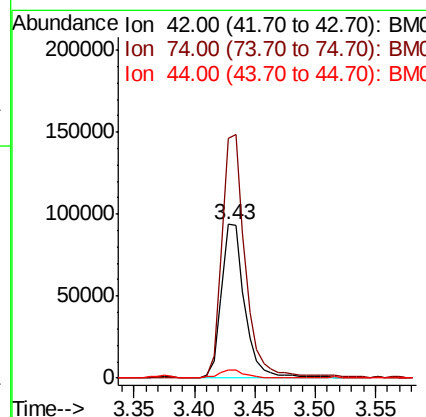
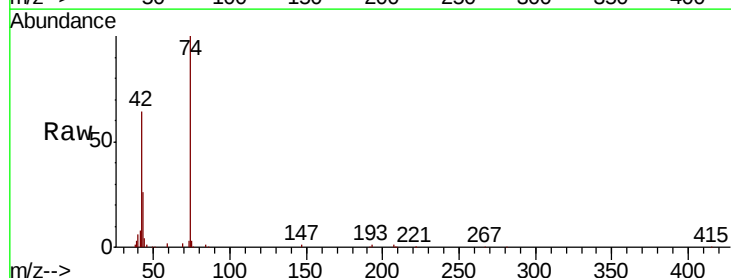
Manual Integrations
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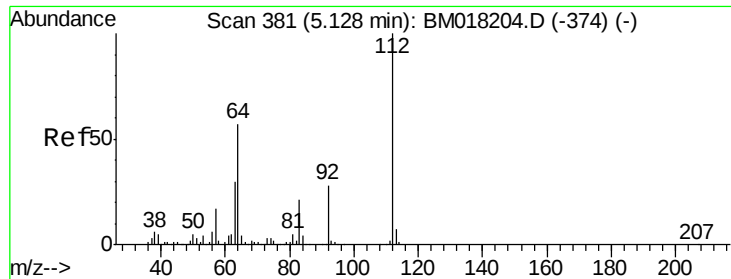
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#4
 n-Nitrosodimethylamine
 Concen: 38.019 ng
 RT: 3.43 min Scan# 92
 Delta R.T. -0.01 min
 Lab File: BM018233.D
 Acq: 16 Dec 2018 19:07

Tgt Ion	Ratio	Lower	Upper
42	100		
74	156.2	120.4	180.6
44	5.6	4.6	7.0





#5

2-Fluorophenol

Concen: 110.884 ng

RT: 5.13 min Scan# 381

Delta R.T. -0.00 min

Lab File: BM018233.D

Acq: 16 Dec 2018 19:07

Instrument :

BNA_M

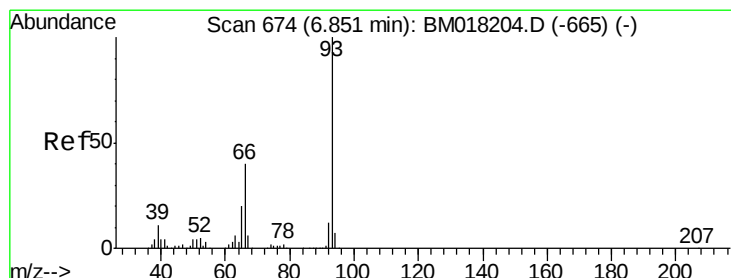
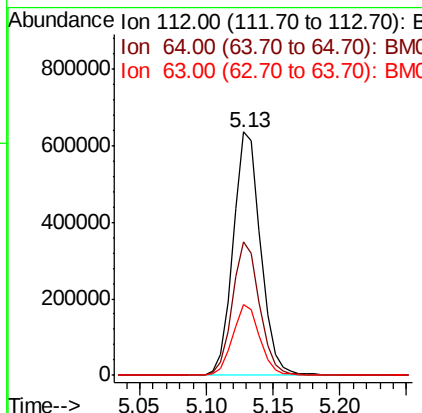
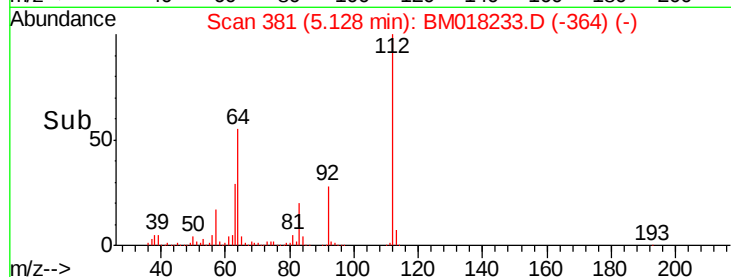
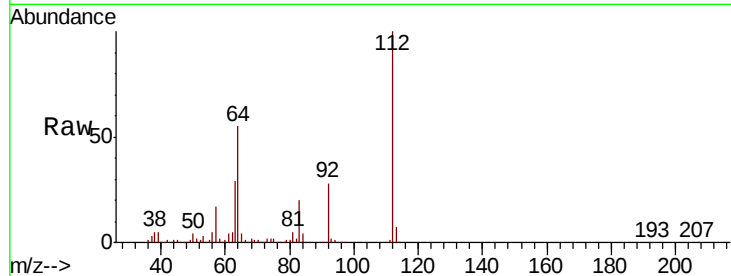
ClientSampleId :

P001-SD006-0612-01MSD

Tot Ion:	112	Resp:	912714
Ion Ratio	Lower	Upper	
112	100		
64	54.6	45.4	68.2
63	28.9	24.0	36.0

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#6

Aniline

Concen: 20.795 ng

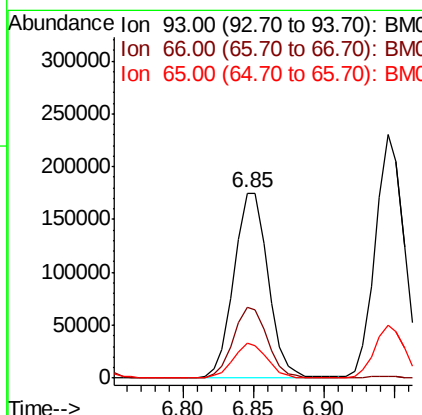
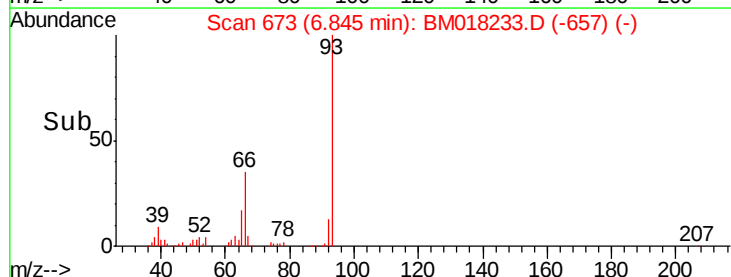
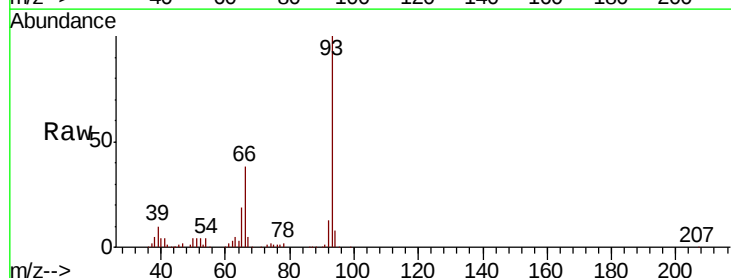
RT: 6.85 min Scan# 673

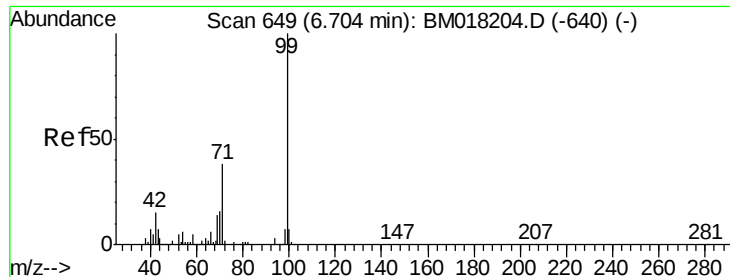
Delta R.T. -0.01 min

Lab File: BM018233.D

Acq: 16 Dec 2018 19:07

Tgt Ion:	93	Resp:	298450
Ion Ratio	Lower	Upper	
93	100		
66	38.2	32.3	48.5
65	19.1	16.2	24.4





#7

Phenol-d6

Concen: 106.660 ng

RT: 6.70 min Scan# 648

Delta R.T. -0.01 min

Lab File: BM018233.D

Acq: 16 Dec 2018 19:07

Instrument :

BNA_M

ClientSampleId :

P001-SD006-0612-01MSD

Tot Ion: 99 Resp: 1220276

Ion Ratio Lower Upper

99 100

42 15.3 12.3 18.5

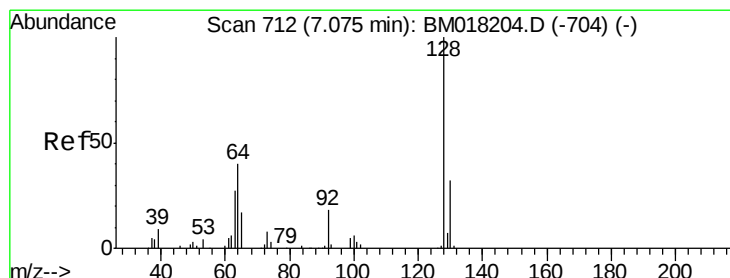
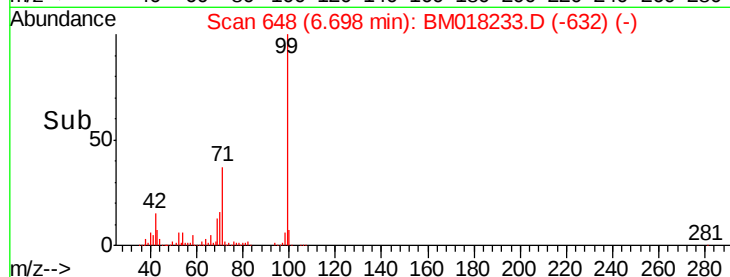
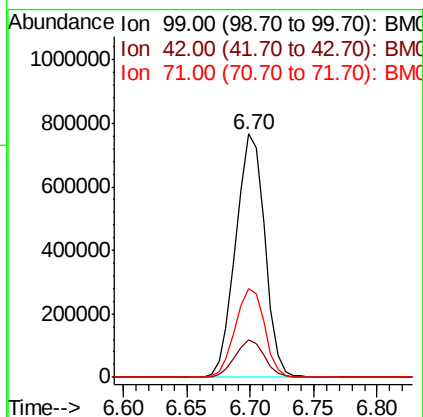
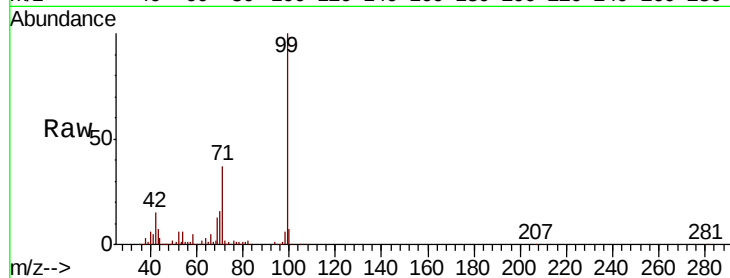
71 36.7 30.2 45.2

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#8

2-Chlorophenol

Concen: 37.469 ng

RT: 7.07 min Scan# 711

Delta R.T. -0.01 min

Lab File: BM018233.D

Acq: 16 Dec 2018 19:07

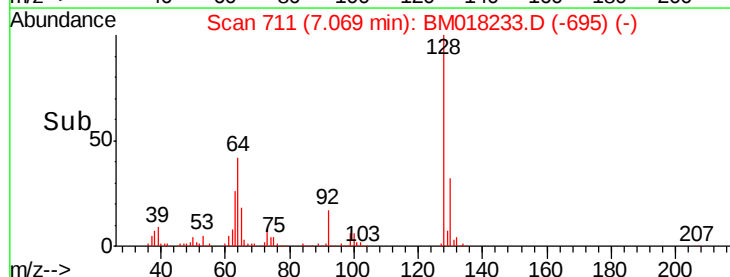
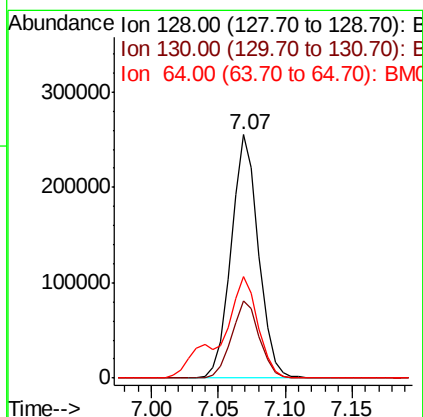
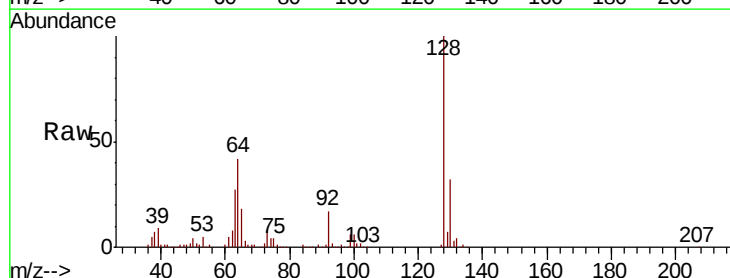
Tgt Ion: 128 Resp: 364402

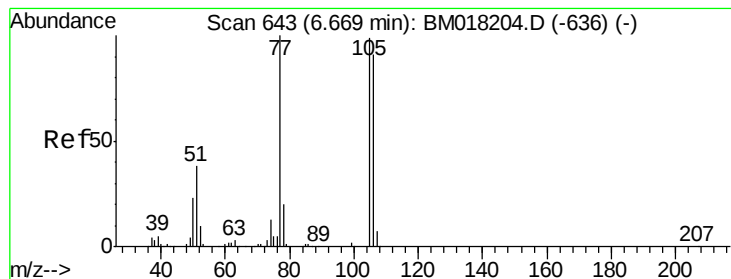
Ion Ratio Lower Upper

128 100

130 31.6 12.3 52.3

64 41.7 24.1 64.1





#9

Benzaldehyde

Concen: 16.277 ng

RT: 6.66 min Scan# 642

Delta R.T. -0.01 min

Lab File: BM018233.D

Acq: 16 Dec 2018 19:07

Instrument :

BNA_M

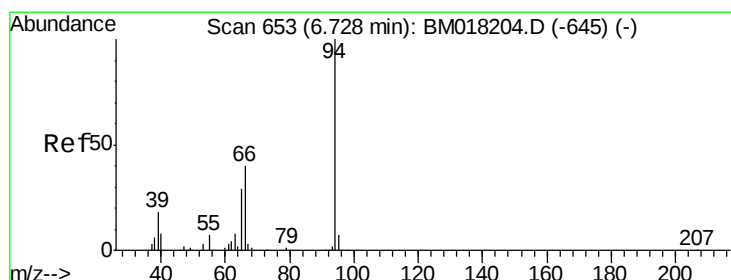
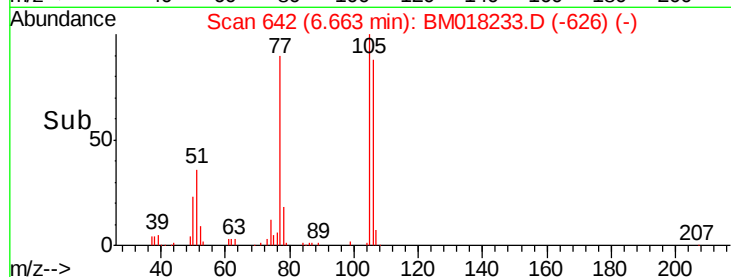
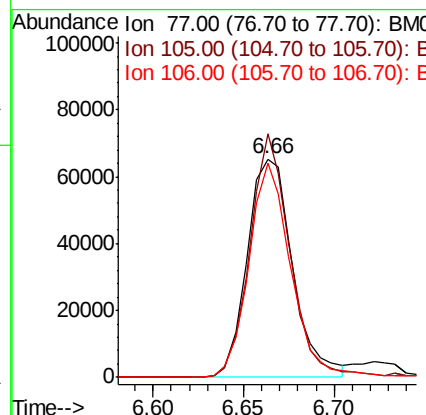
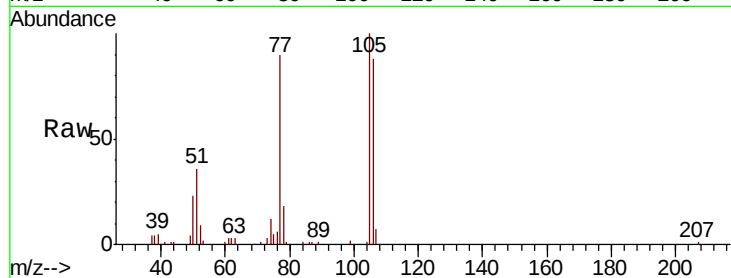
ClientSampleId :

P001-SD006-0612-01MSD

Tot Ion:	77	Resp:	113507
Ion	Ratio	Lower	Upper
77	100		
105	111.7	78.8	118.8
106	97.9	70.7	110.7

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#10

Phenol

Concen: 44.921 ng

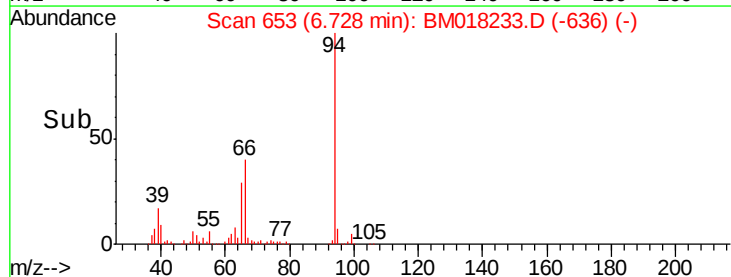
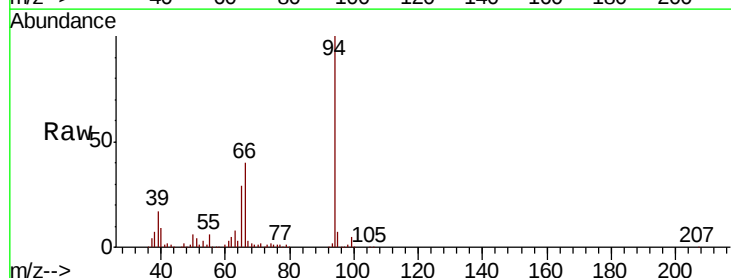
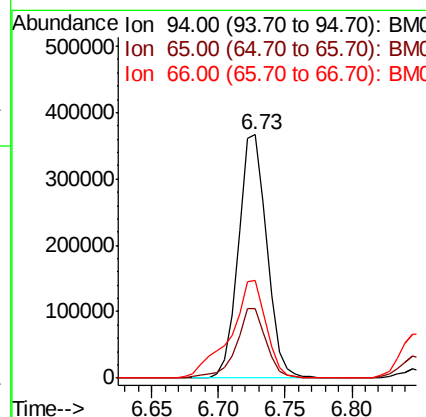
RT: 6.73 min Scan# 653

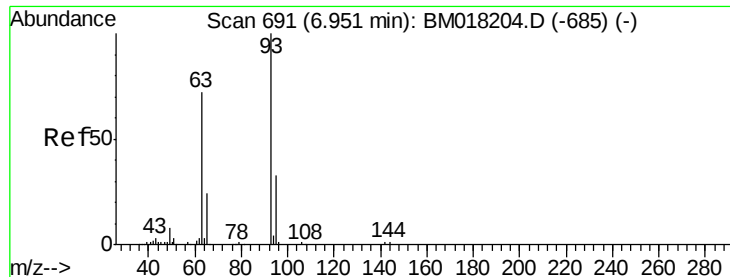
Delta R.T. -0.00 min

Lab File: BM018233.D

Acq: 16 Dec 2018 19:07

Tgt Ion:	94	Resp:	544279
Ion	Ratio	Lower	Upper
94	100		
65	28.6	9.5	49.5
66	40.2	21.3	61.3





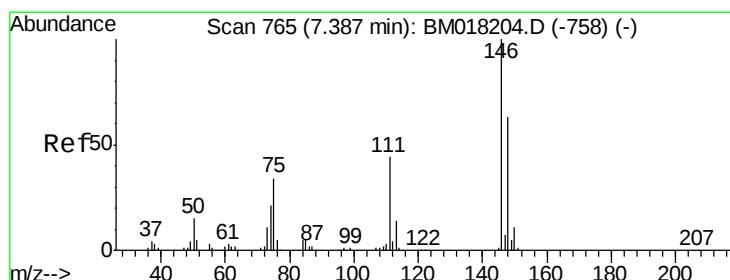
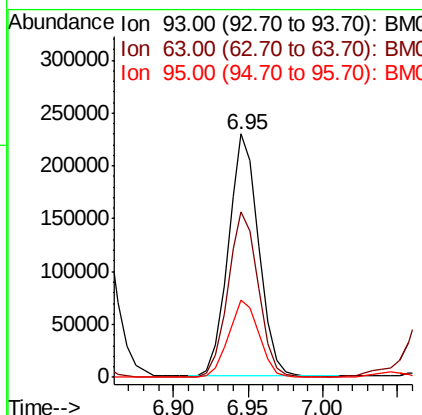
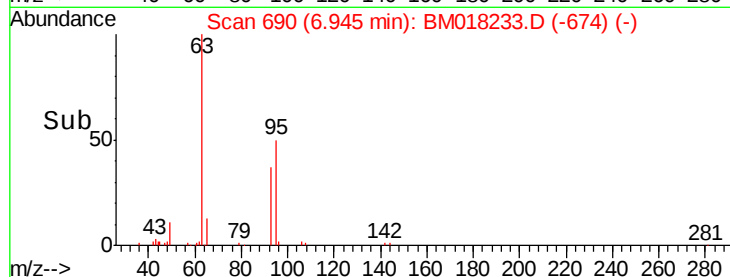
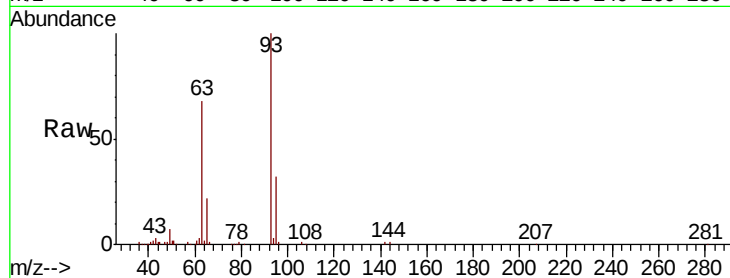
#11
bis(2-Chloroethyl)ether
Concen: 33.713 ng
RT: 6.95 min Scan# 690
Delta R.T. -0.01 min
Lab File: BM018233.D
Acq: 16 Dec 2018 19:07

Instrument :
BNA_M
ClientSampleId :
P001-SD006-0612-01MSD

Tot Ion:	93	Resp:	324645
Ion	Ratio	Lower	Upper
93	100		
63	68.0	51.7	91.7
95	31.9	13.1	53.1

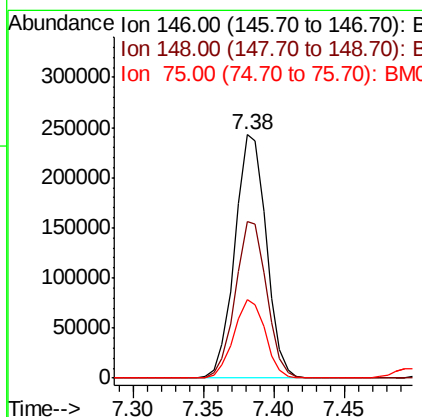
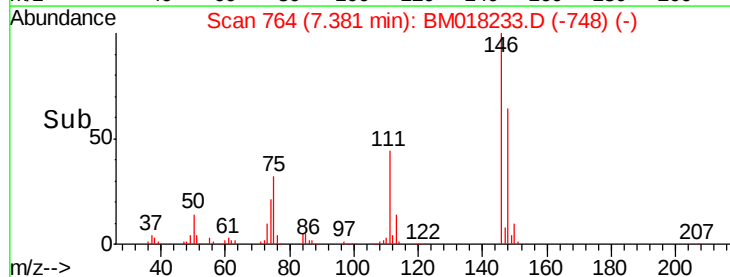
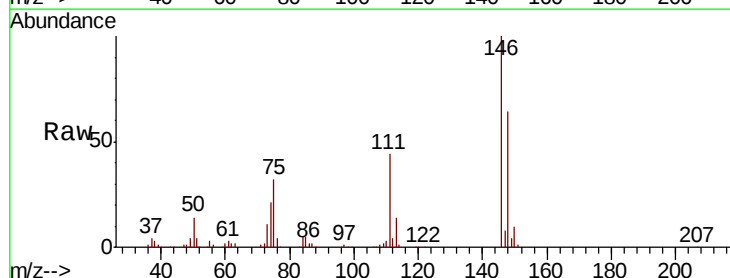
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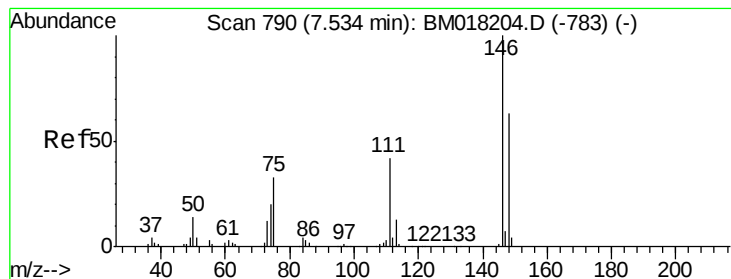
Sohil
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#12
1,3-Dichlorobenzene
Concen: 34.762 ng
RT: 7.38 min Scan# 764
Delta R.T. -0.01 min
Lab File: BM018233.D
Acq: 16 Dec 2018 19:07

Tgt Ion:	146	Resp:	377513
Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.6	76.0
75	32.0	27.0	40.4





#13

1,4-Dichlorobenzene

Concen: 36.132 ng

RT: 7.53 min Scan# 790

Delta R.T. -0.00 min

Lab File: BM018233.D

Acq: 16 Dec 2018 19:07

Instrument :

BNA_M

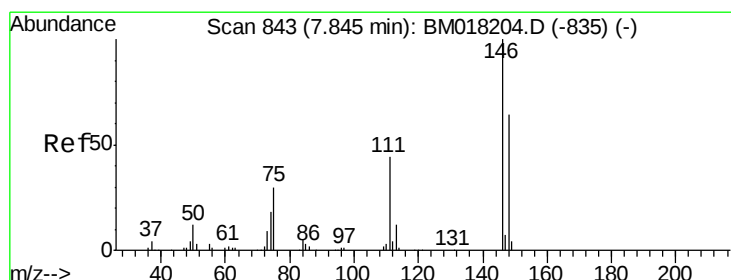
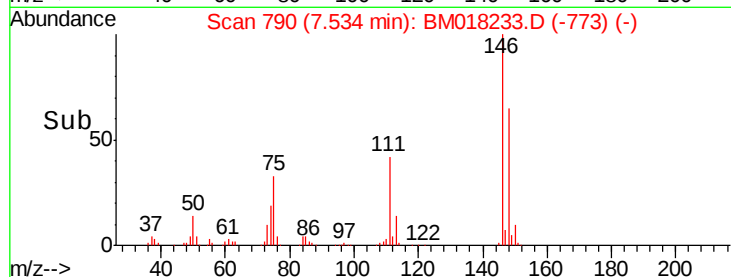
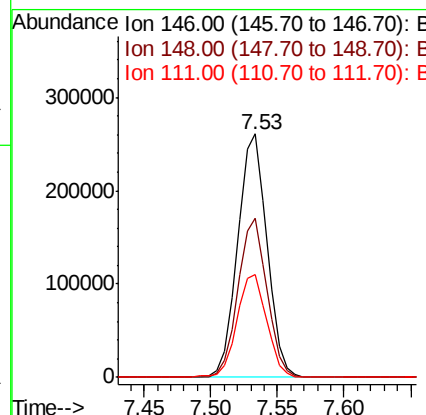
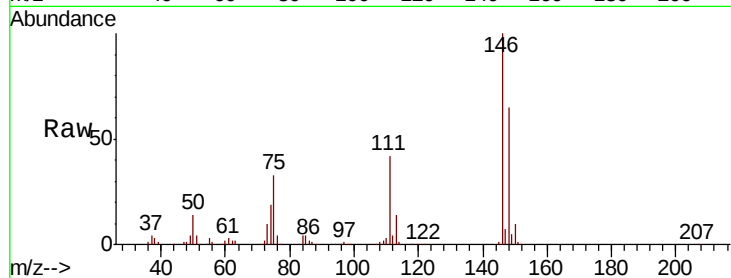
ClientSampleId :

P001-SD006-0612-01MSD

Tot Ion:	146	Resp:	398461
Ion Ratio	Lower	Upper	
146	100		
148	65.3	50.7	76.1
111	42.0	34.2	51.2

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#14

1,2-Dichlorobenzene

Concen: 34.763 ng

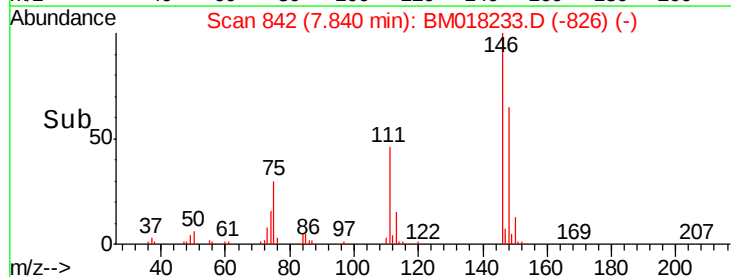
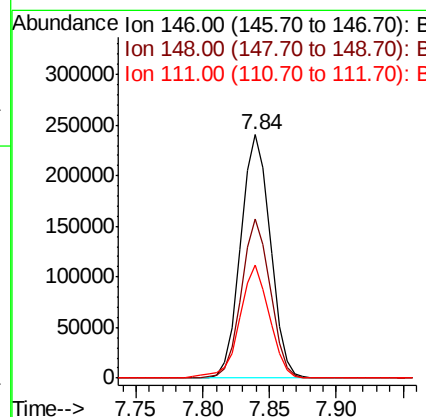
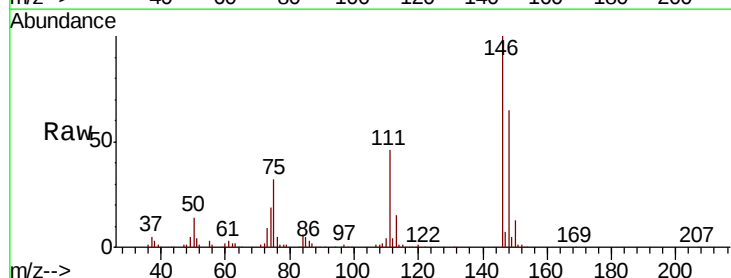
RT: 7.84 min Scan# 842

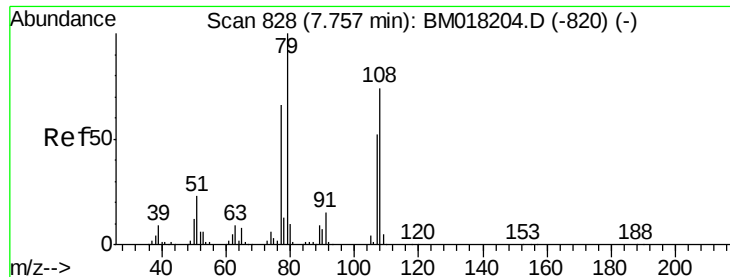
Delta R.T. -0.01 min

Lab File: BM018233.D

Acq: 16 Dec 2018 19:07

Tgt Ion:	146	Resp:	369569
Ion Ratio	Lower	Upper	
146	100		
148	65.2	51.3	76.9
111	46.4	35.8	53.8





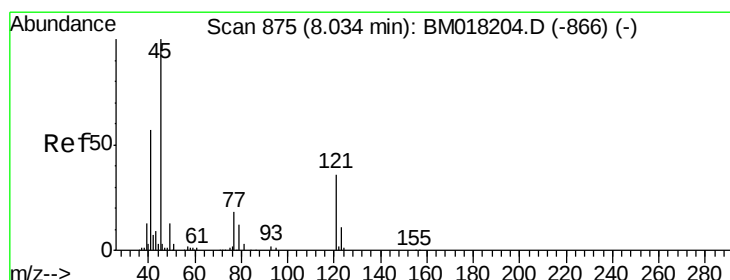
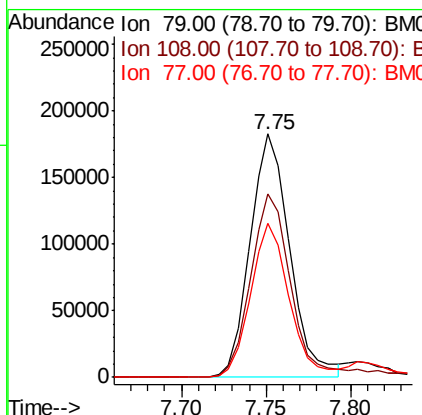
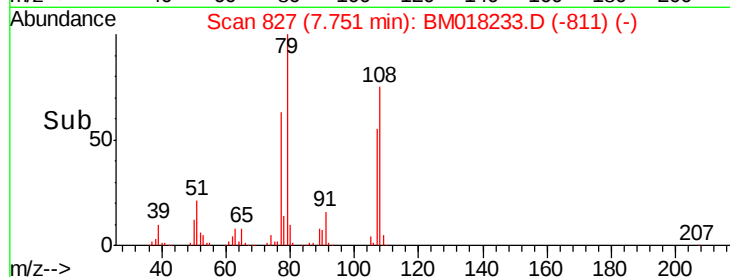
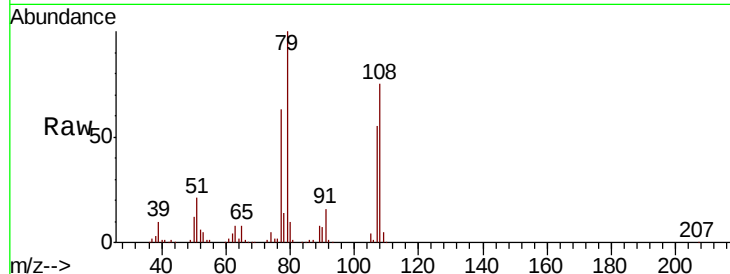
#15
Benzyl Alcohol
Concen: 32.070 ng
RT: 7.75 min Scan# 827
Delta R.T. -0.01 min
Lab File: BM018233.D
Acq: 16 Dec 2018 19:07

Instrument :
BNA_M
ClientSampleId :
P001-SD006-0612-01MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	75.4	59.3	88.9
77	63.5	53.0	79.4

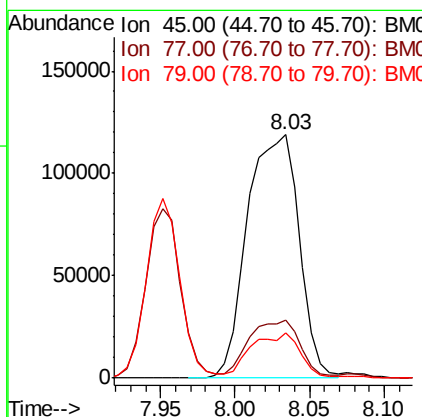
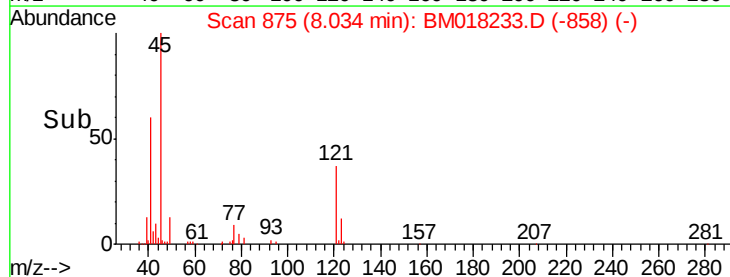
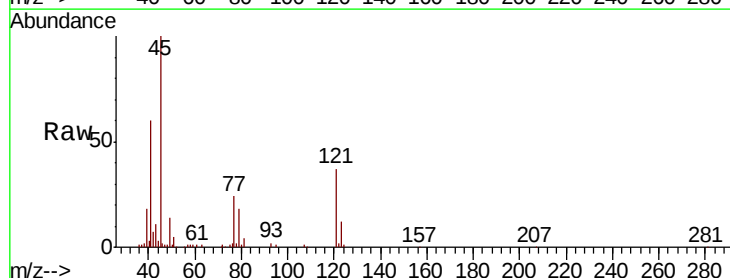
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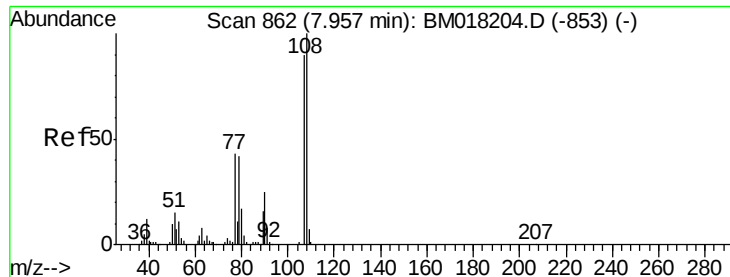
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#16
2,2'-oxybis(1-chloropropane)
Concen: 32.982 ng
RT: 8.03 min Scan# 875
Delta R.T. -0.00 min
Lab File: BM018233.D
Acq: 16 Dec 2018 19:07

Tgt Ion	Ratio	Lower	Upper
45	100		
77	23.9	2.5	42.5
79	18.3	0.0	37.2





#17

2-Methylphenol

Concen: 35.811 ng

RT: 7.95 min Scan# 861

Delta R.T. -0.01 min

Lab File: BM018233.D

Acq: 16 Dec 2018 19:07

Instrument :

BNA_M

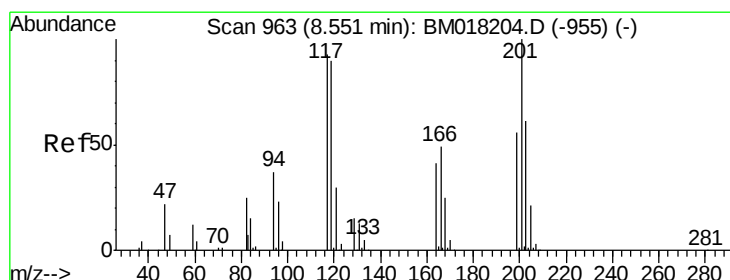
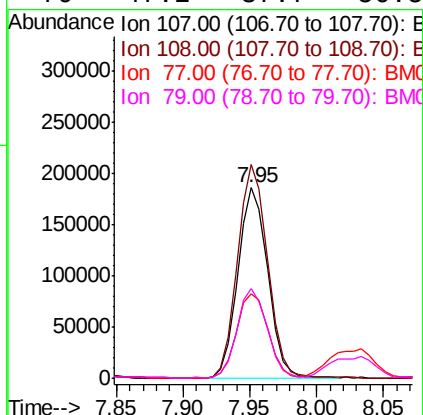
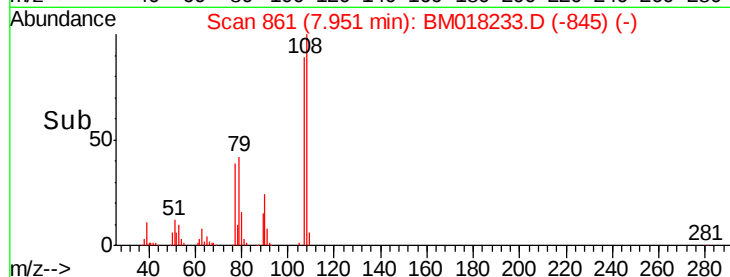
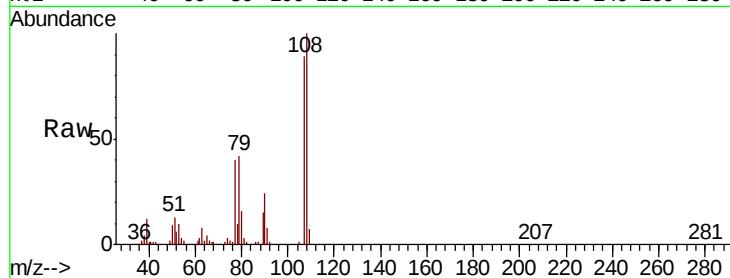
ClientSampleId :

P001-SD006-0612-01MSD

Tot Ion	107	Resp	289720
Ion Ratio	Lower	Upper	
107	100		
108	112.2	89.3	133.9
77	44.5	38.2	57.4
79	47.2	37.7	56.5

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#18

Hexachloroethane

Concen: 34.079 ng

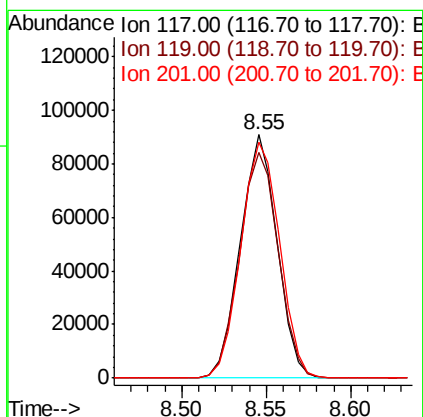
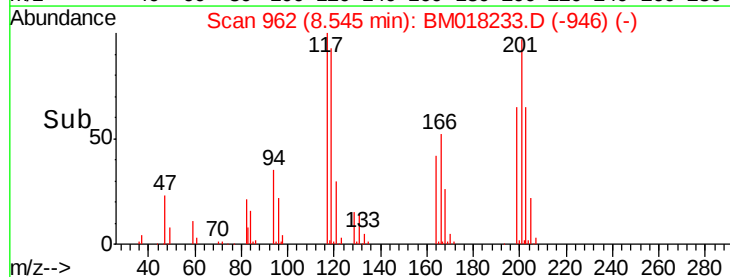
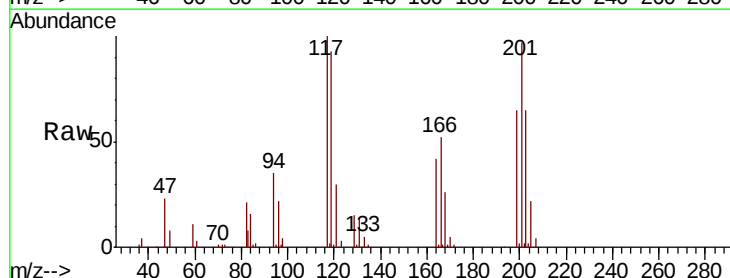
RT: 8.55 min Scan# 962

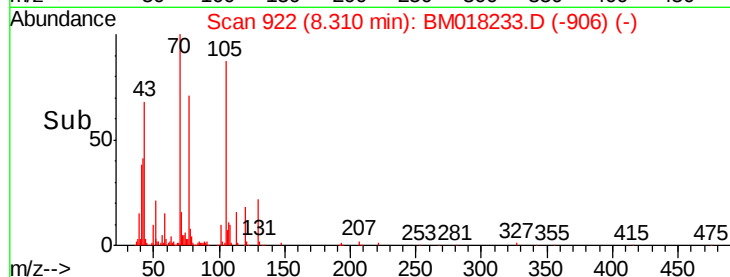
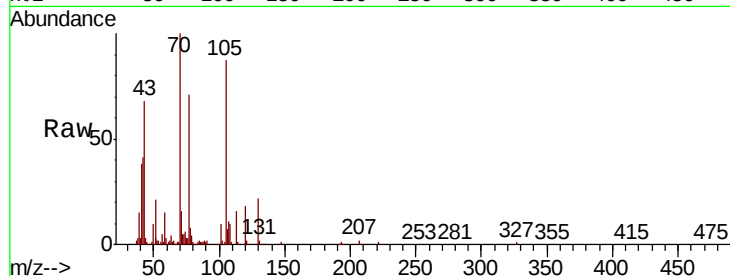
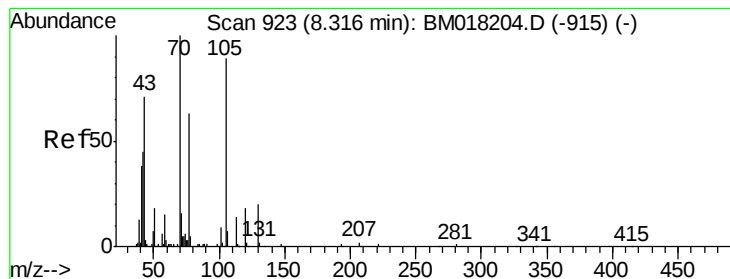
Delta R.T. -0.01 min

Lab File: BM018233.D

Acq: 16 Dec 2018 19:07

Tgt Ion	117	Resp	137749
Ion Ratio	Lower	Upper	
117	100		
119	92.8	77.0	115.4
201	97.1	85.7	128.5





#19

n-Nitroso-di-n-propylamine

Concen: 29.406 ng

RT: 8.31 min Scan# 922

Delta R.T. -0.01 min

Lab File: BM018233.D

Acq: 16 Dec 2018 19:07

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		251196		
42	40.9	36.2	54.2		
101	10.3	7.5	11.3		
130	22.5	16.4	24.6		

Instrument :

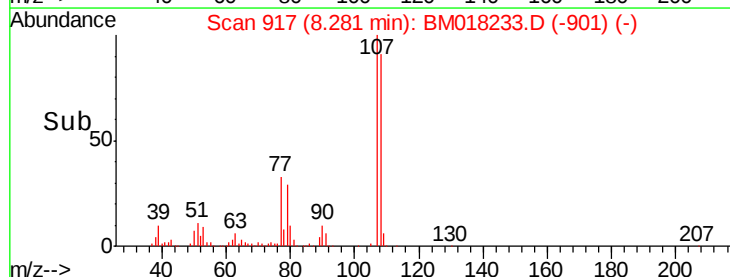
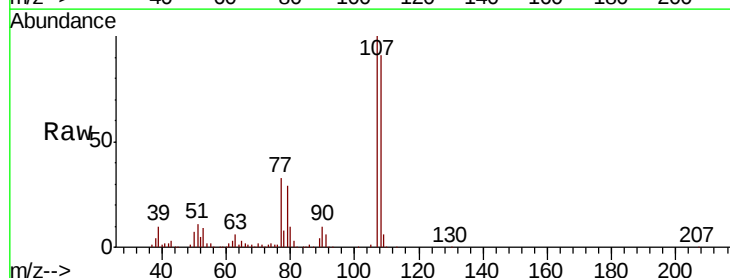
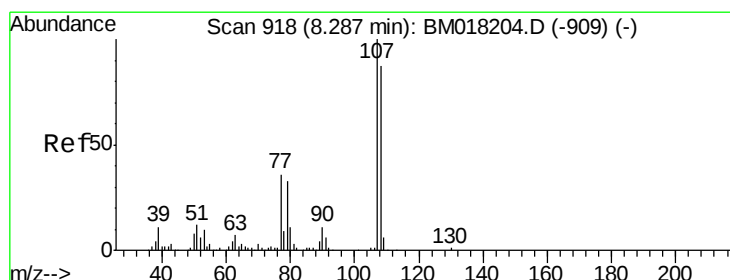
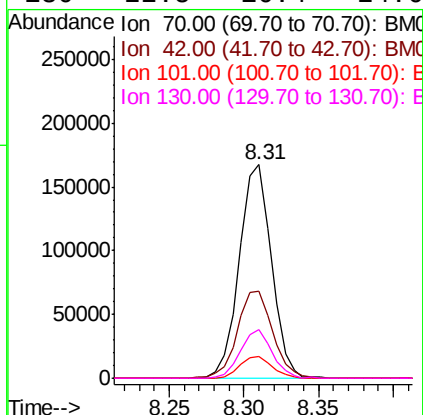
BNA_M

ClientSampleId :

P001-SD006-0612-01MSD

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#20

3+4-Methylphenols

Concen: 33.270 ng

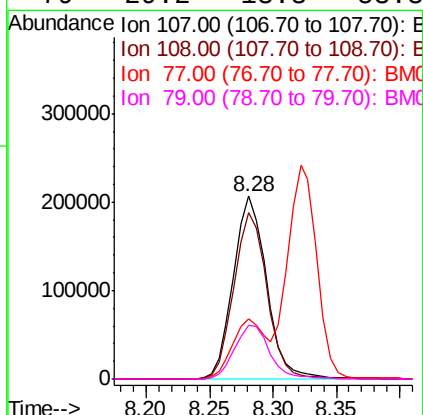
RT: 8.28 min Scan# 917

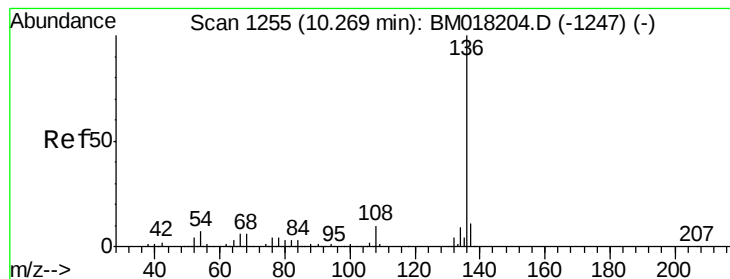
Delta R.T. -0.01 min

Lab File: BM018233.D

Acq: 16 Dec 2018 19:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		377165		
108	90.6	67.4	107.4		
77	32.9	15.7	55.7		
79	29.2	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: BM018233.D

Acq: 16 Dec 2018 19:07

Instrument :

BNA_M

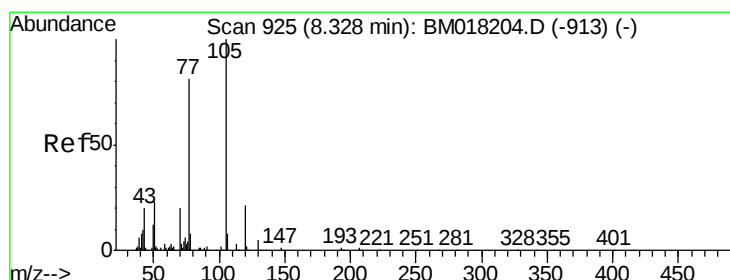
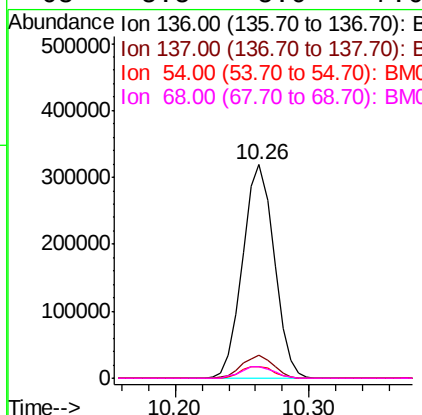
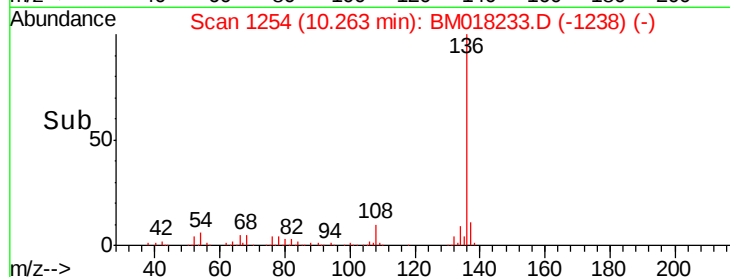
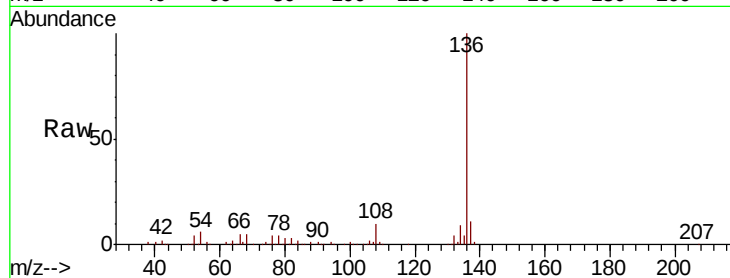
ClientSampleId :

P001-SD006-0612-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	522422		
137	10.9		9.2	13.8
54	5.7		5.2	7.8
68	5.5		5.0	7.6

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#22

Acetophenone

Concen: 37.202 ng

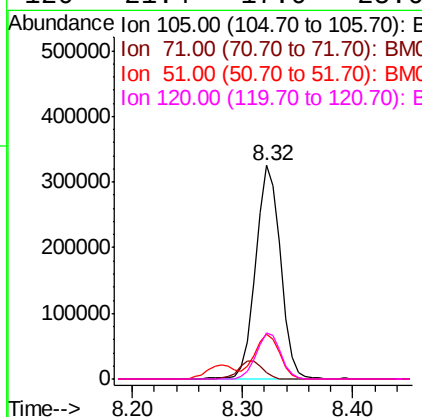
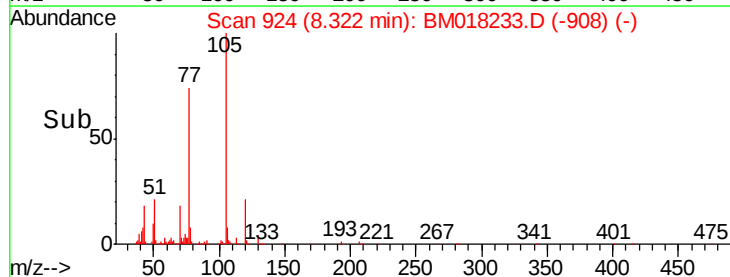
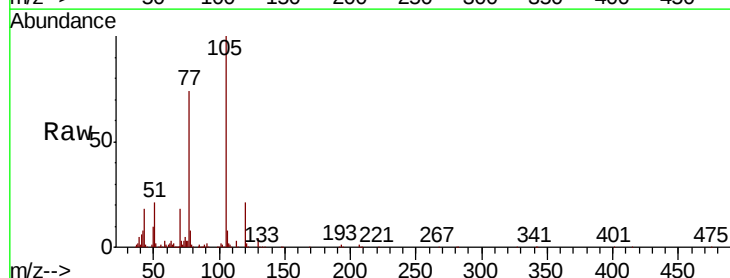
RT: 8.32 min Scan# 924

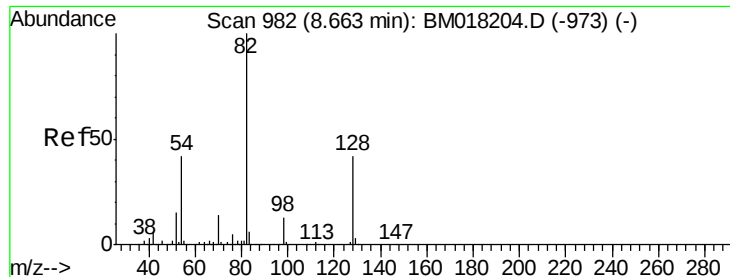
Delta R.T. -0.01 min

Lab File: BM018233.D

Acq: 16 Dec 2018 19:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	514326		
71	3.1		2.6	4.0
51	21.2		18.3	27.5
120	21.4		17.0	25.6





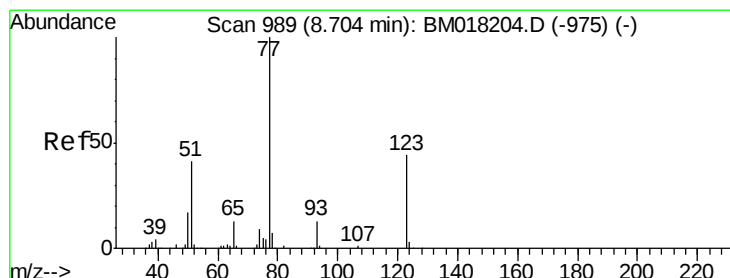
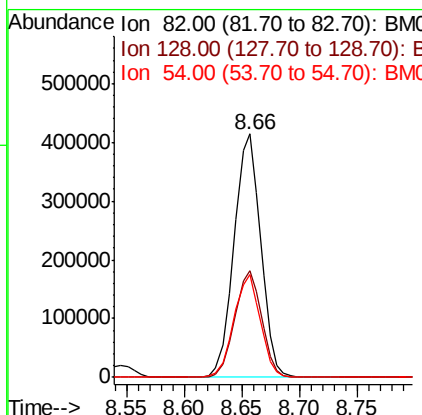
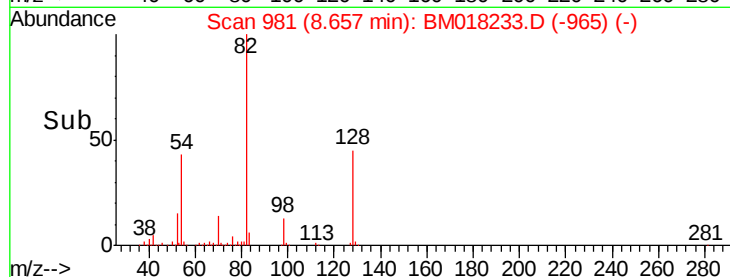
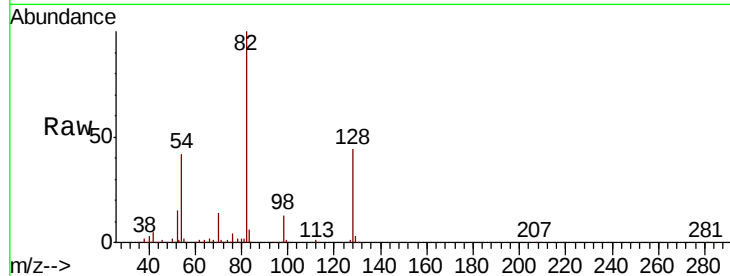
#23
 Nitrobenzene-d5
 Concen: 65.220 ng
 RT: 8.66 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: BM018233.D
 Acq: 16 Dec 2018 19:07

Instrument :
 BNA_M
 ClientSampleId :
 P001-SD006-0612-01MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.1	33.4	50.2
54	42.3	33.4	50.2

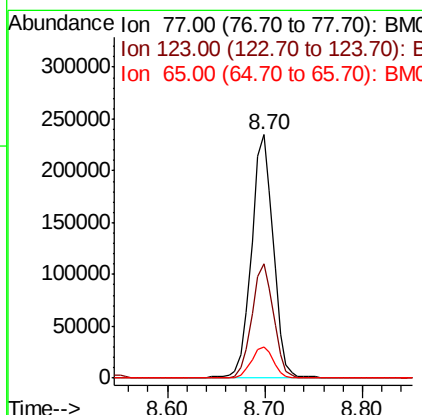
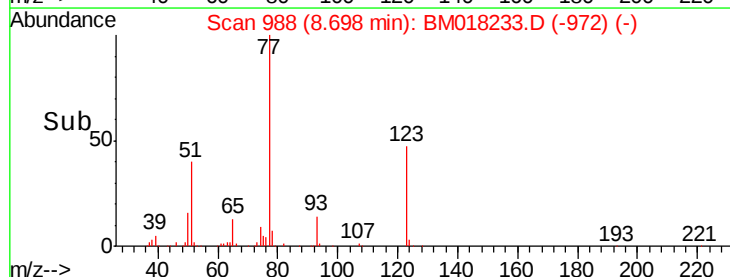
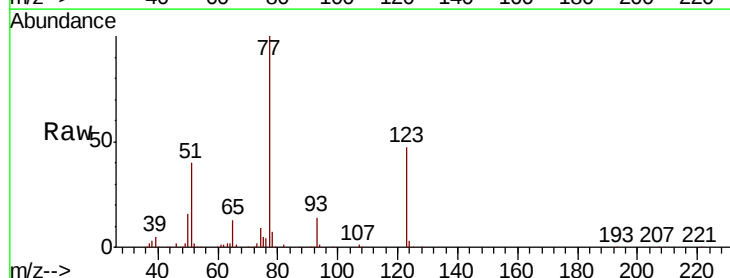
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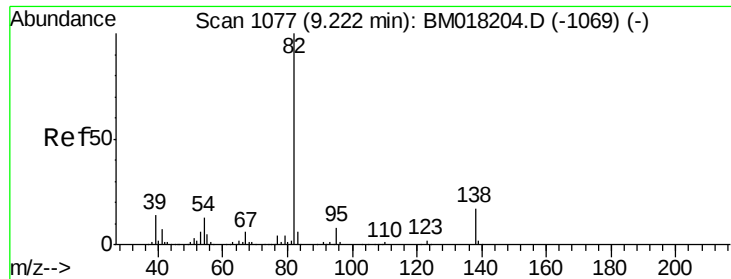
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#24
 Nitrobenzene
 Concen: 36.000 ng
 RT: 8.70 min Scan# 988
 Delta R.T. -0.01 min
 Lab File: BM018233.D
 Acq: 16 Dec 2018 19:07

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.0	35.4	53.2
65	12.8	10.6	15.8





#25

Isophorone

Concen: 37.759 ng

RT: 9.22 min Scan# 1076

Delta R.T. -0.01 min

Lab File: BM018233.D

Acq: 16 Dec 2018 19:07

Instrument :

BNA_M

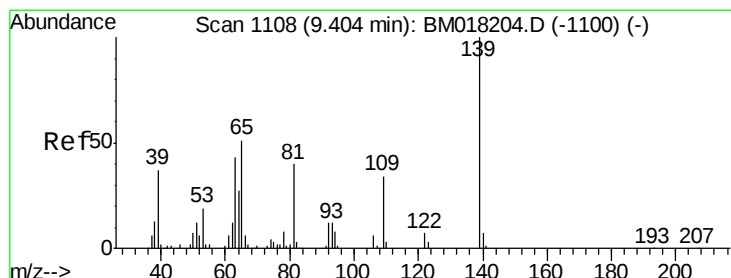
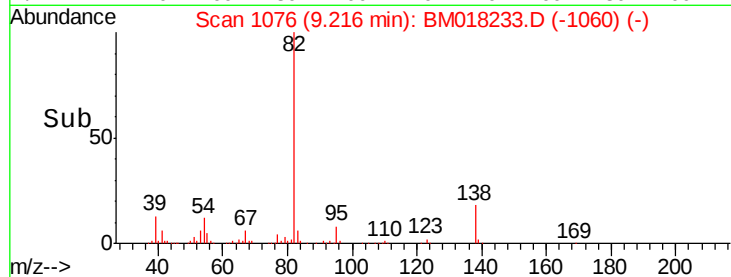
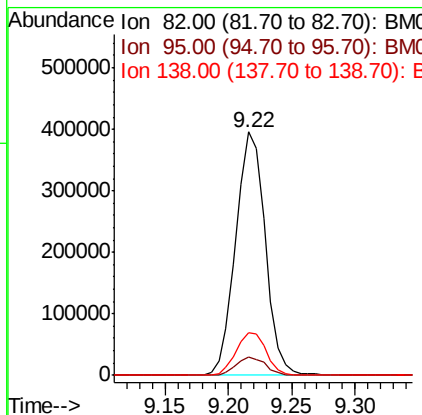
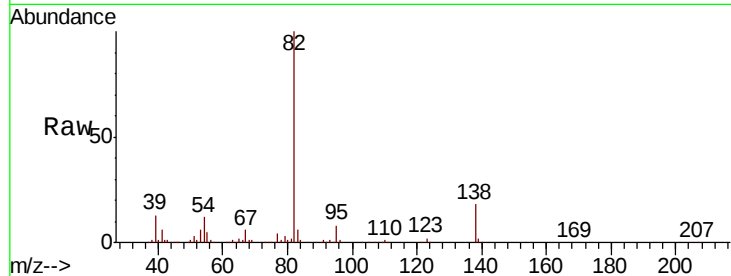
ClientSampleId :

P001-SD006-0612-01MSD

Tot Ion:	82	Resp:	640266
Ion Ratio	Lower	Upper	
82	100		
95	7.6	6.4	9.6
138	17.7	13.9	20.9

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#26

2-Nitrophenol

Concen: 37.837 ng

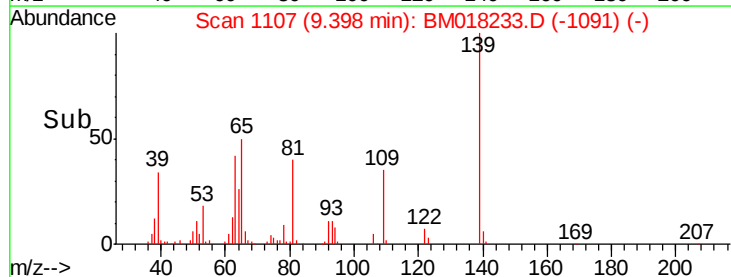
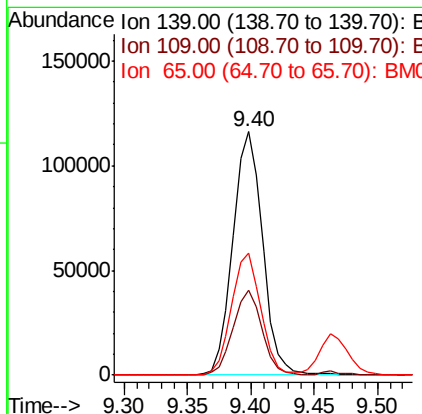
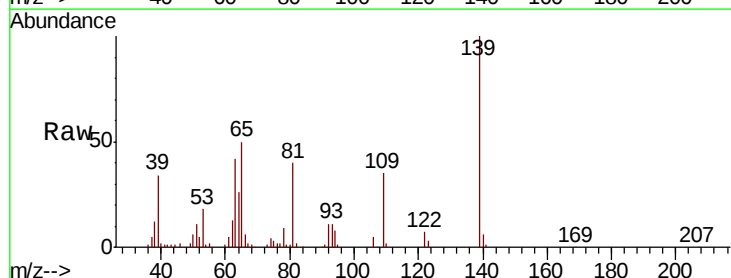
RT: 9.40 min Scan# 1107

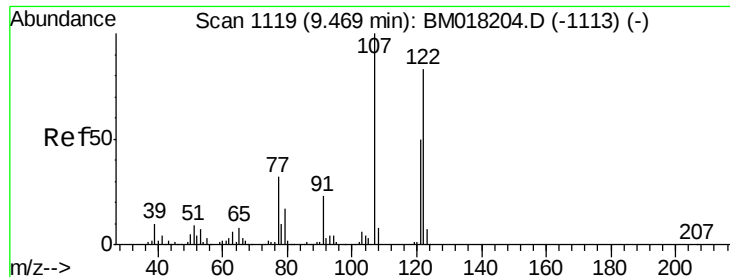
Delta R.T. -0.01 min

Lab File: BM018233.D

Acq: 16 Dec 2018 19:07

Tgt Ion:	139	Resp:	188858
Ion Ratio	Lower	Upper	
139	100		
109	35.0	27.4	41.0
65	50.0	41.0	61.4





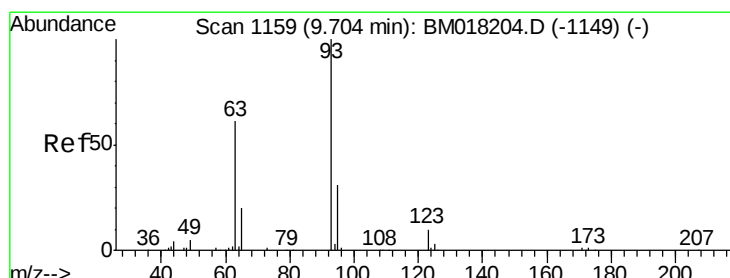
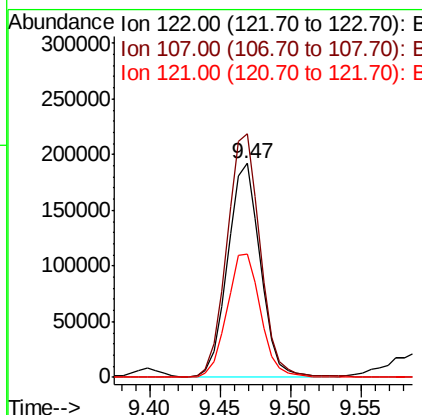
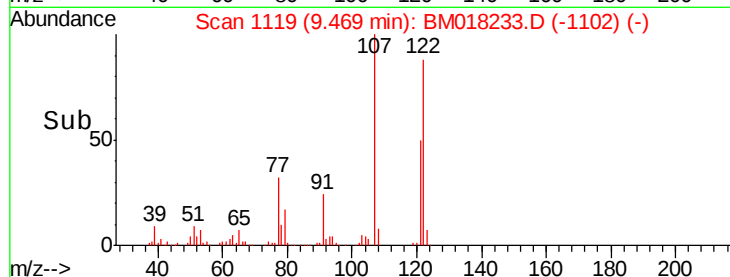
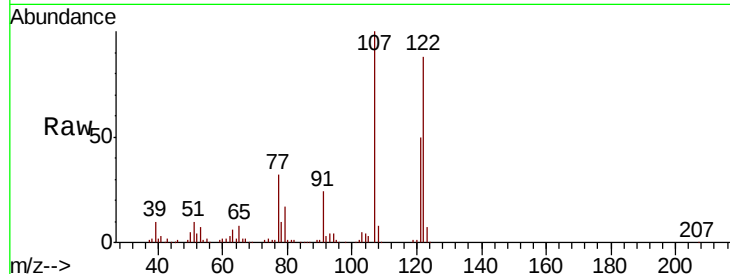
#27
2,4-Dimethylphenol
Concen: 42.778 ng
RT: 9.47 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BM018233.D
Acq: 16 Dec 2018 19:07

Instrument :
BNA_M
ClientSampleId :
P001-SD006-0612-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	307729		
107	113.9	96.5	144.7	
121	57.4	48.2	72.4	

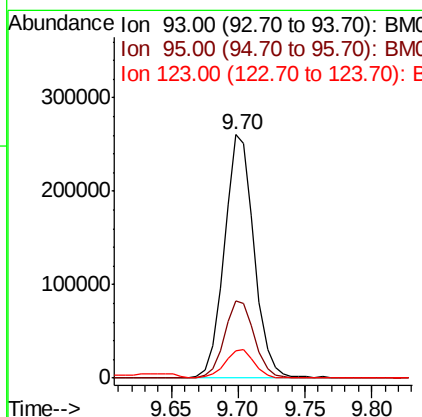
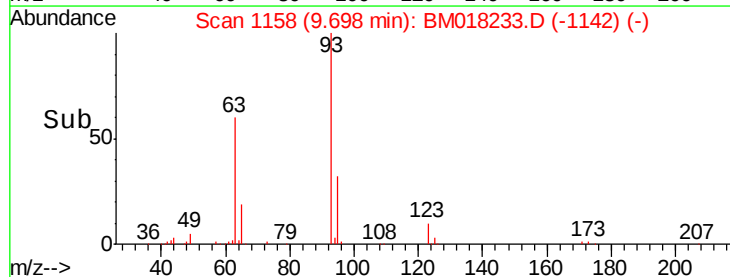
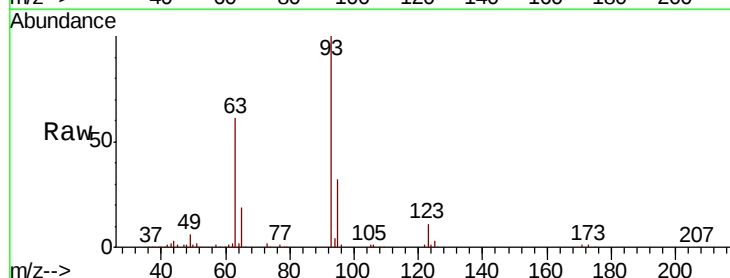
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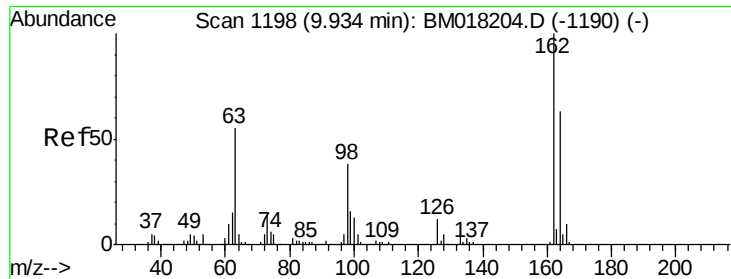
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#28
bis(2-Chloroethoxy)methane
Concen: 36.752 ng
RT: 9.70 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BM018233.D
Acq: 16 Dec 2018 19:07

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	406219		
95	31.7	25.3	37.9	
123	11.3	9.3	13.9	





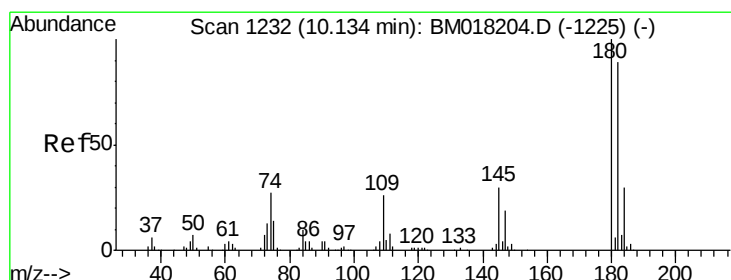
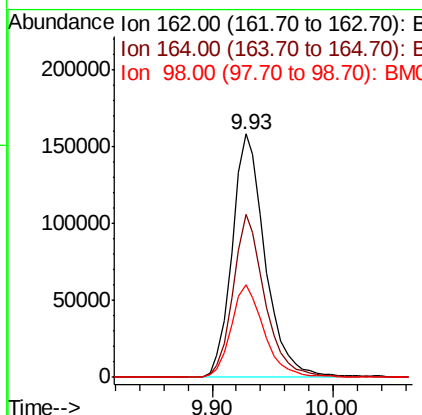
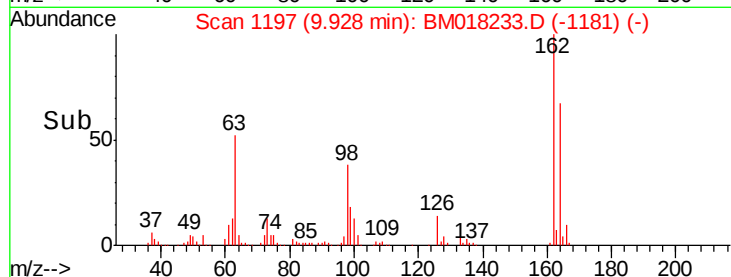
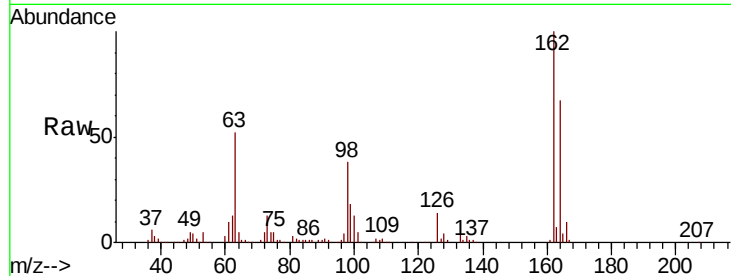
#29
2,4-Dichlorophenol
Concen: 37.643 ng
RT: 9.93 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BM018233.D
Acq: 16 Dec 2018 19:07

Instrument :
BNA_M
ClientSampleId :
P001-SD006-0612-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	300237		
164	66.7	43.0	83.0	
98	38.1	18.3	58.3	

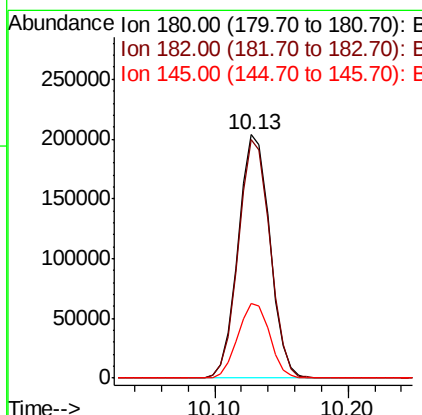
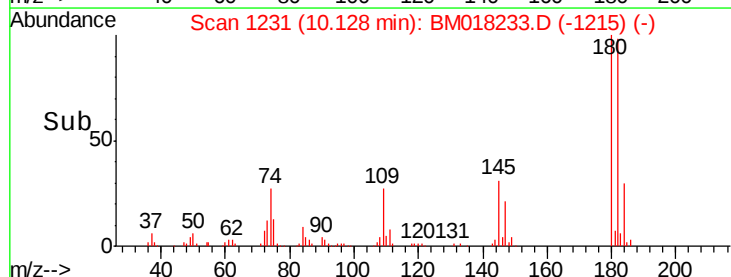
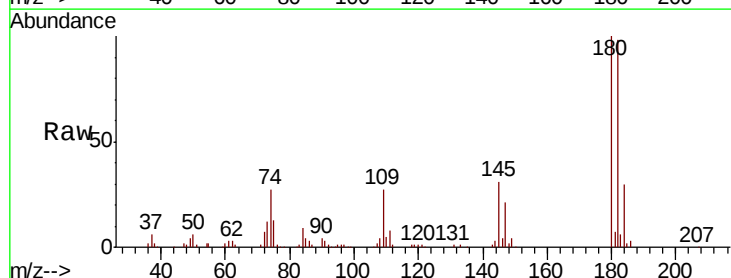
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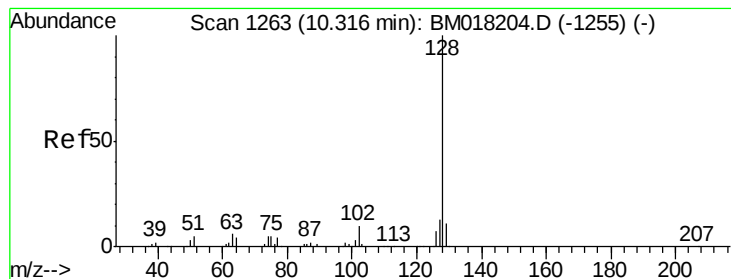
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#30
1,2,4-Trichlorobenzene
Concen: 36.916 ng
RT: 10.13 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BM018233.D
Acq: 16 Dec 2018 19:07

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	334917		
182	98.2	71.4	107.2	
145	30.7	24.4	36.6	





#31

Naphthalene

Concen: 40.282 ng

RT: 10.31 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BM018233.D

Acq: 16 Dec 2018 19:07

Instrument :

BNA_M

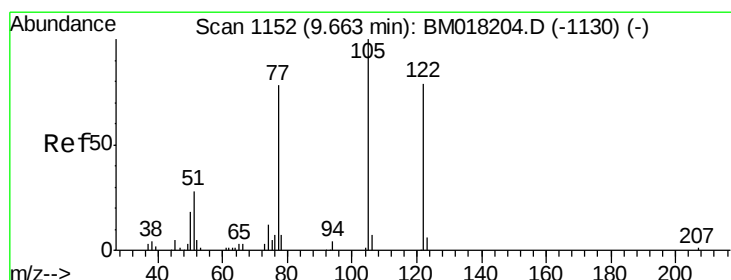
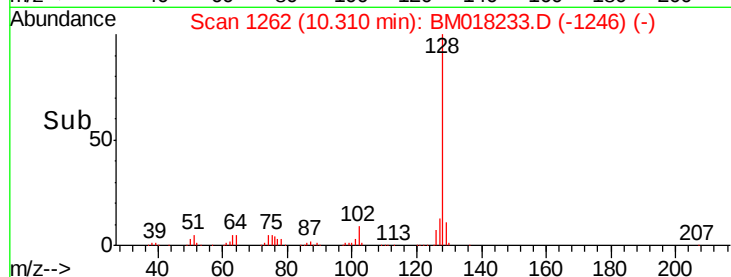
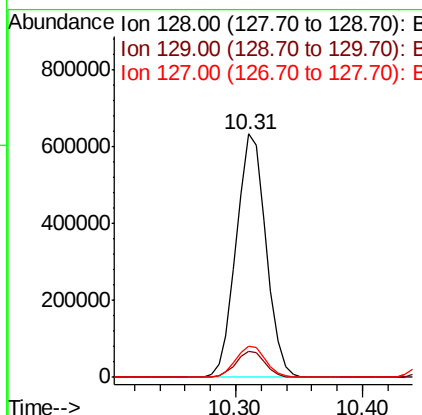
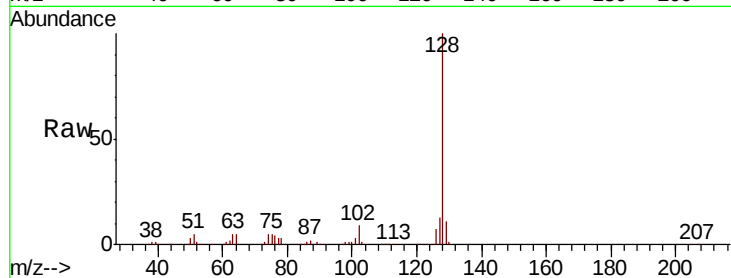
ClientSampleId :

P001-SD006-0612-01MSD

Tot Ion:128	Resp: 1029000
Ion Ratio	Lower Upper
128 100	
129 10.9	8.9 13.3
127 12.6	10.4 15.6

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#32

Benzoic acid

Concen: 31.011 ng m

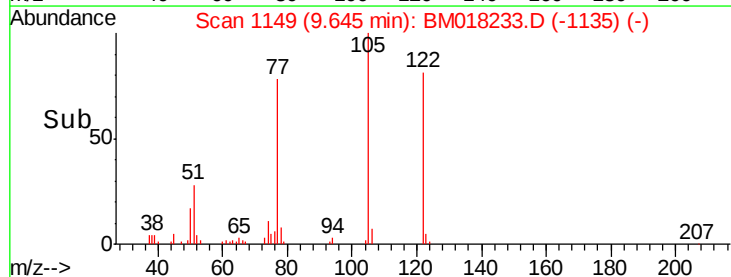
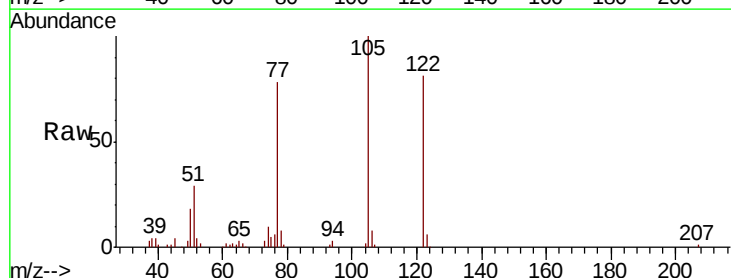
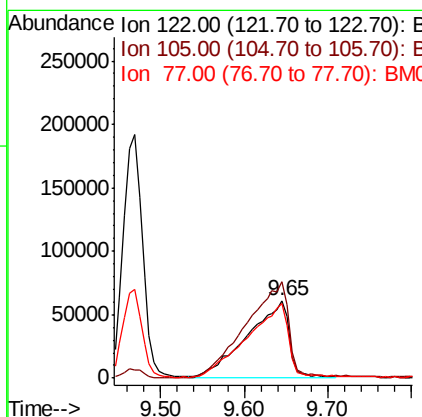
RT: 9.65 min Scan# 1149

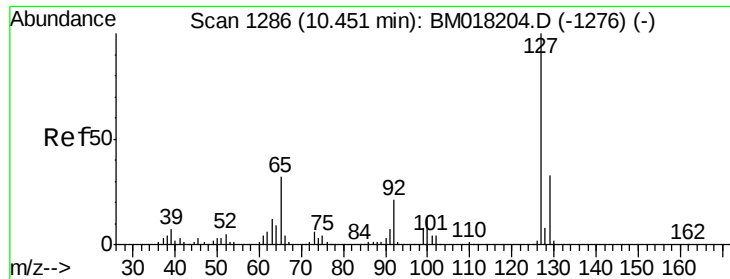
Delta R.T. -0.02 min

Lab File: BM018233.D

Acq: 16 Dec 2018 19:07

Tgt	Ion:122	Resp:	211237
Ion	Ratio	Lower	Upper
122	100		
105	124.0	104.8	144.8
77	96.3	77.7	117.7





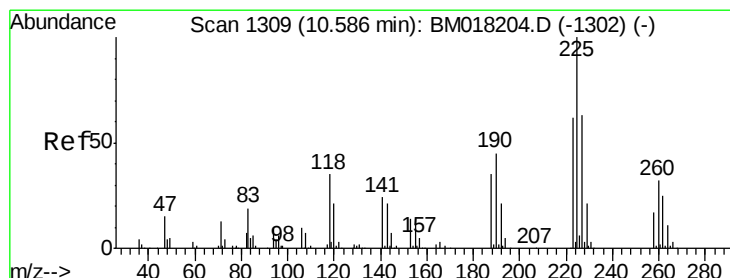
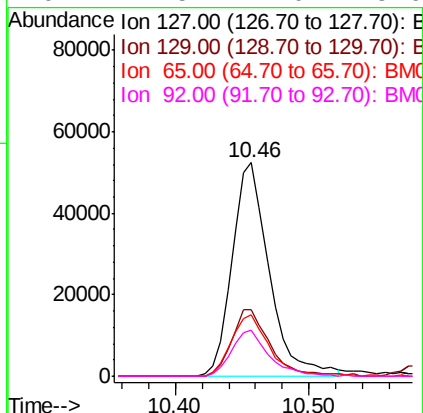
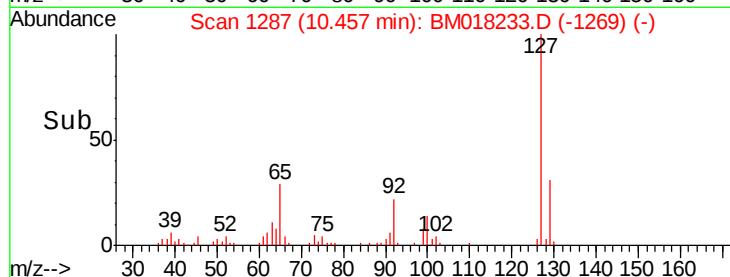
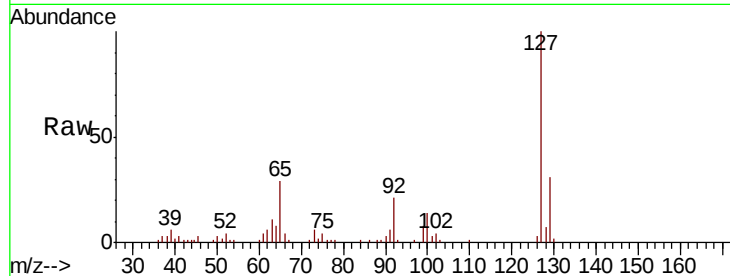
#33
4-Chloroaniline
Concen: 9.049 ng
RT: 10.46 min Scan# 1287
Delta R.T. 0.01 min
Lab File: BM018233.D
Acq: 16 Dec 2018 19:07

Instrument :
BNA_M
ClientSampleId :
P001-SD006-0612-01MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.1	26.4	39.6
65	28.8	25.6	38.4
92	21.5	17.0	25.6

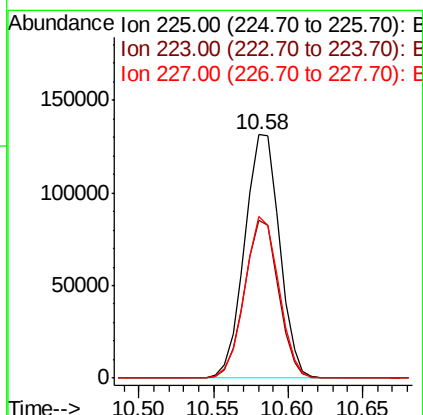
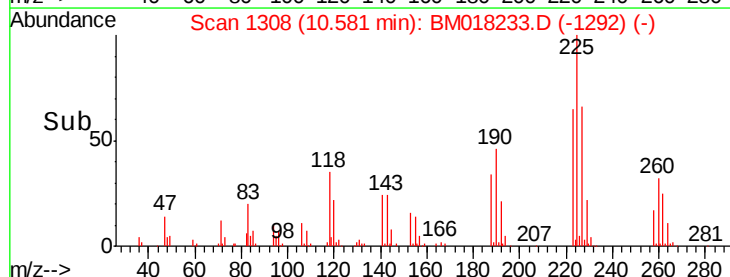
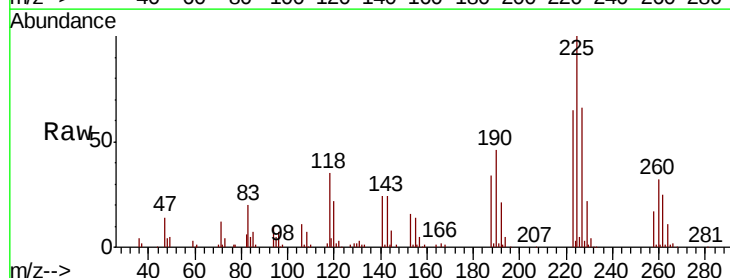
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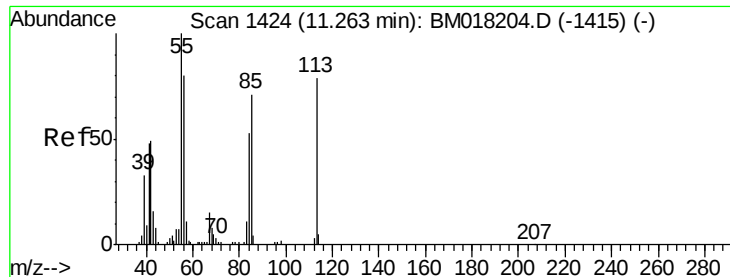
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#34
Hexachlorobutadiene
Concen: 37.013 ng
RT: 10.58 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BM018233.D
Acq: 16 Dec 2018 19:07

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.7	49.8	74.6
227	66.3	50.2	75.4





#35

Caprolactam

Concen: 26.771 ng/ml

RT: 11.25 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BM018233.D

Acq: 16 Dec 2018 19:07

Instrument :

BNA_M

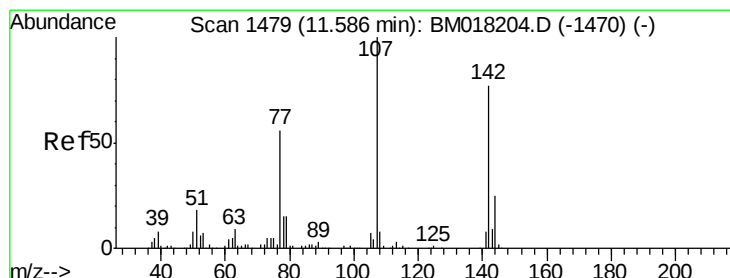
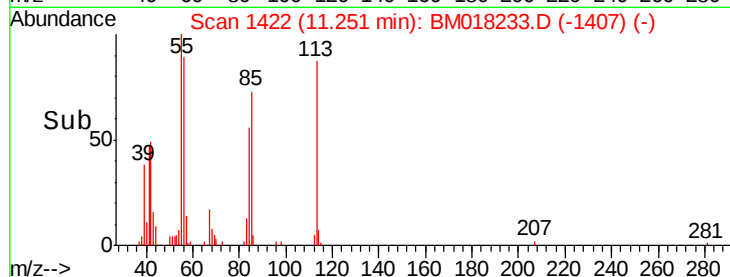
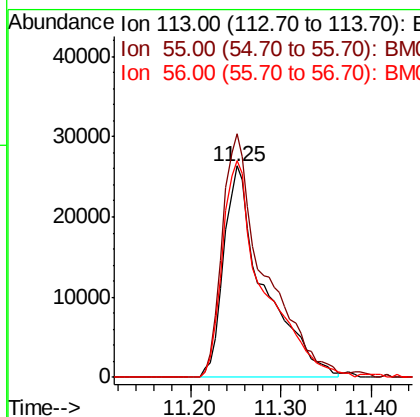
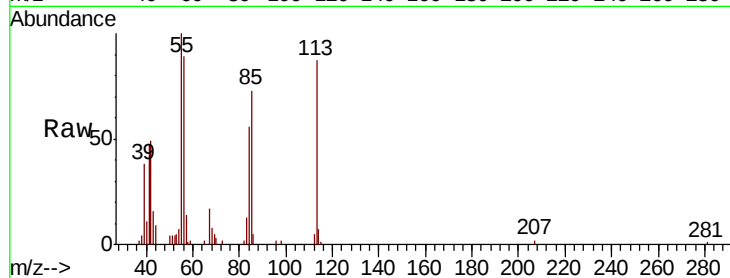
ClientSampleId :

P001-SD006-0612-01MSD

Tot Ion:	113	Resp:	81362
Ion Ratio	Lower	Upper	
113	100		
55	115.1	105.9	145.9
56	102.2	80.1	120.1

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#36

4-Chloro-3-methylphenol

Concen: 33.622 ng/ml

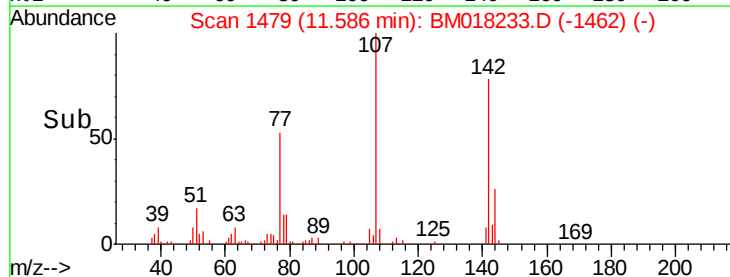
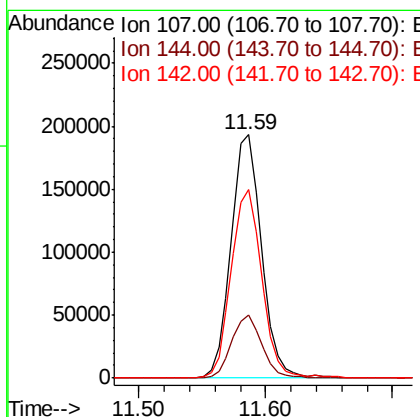
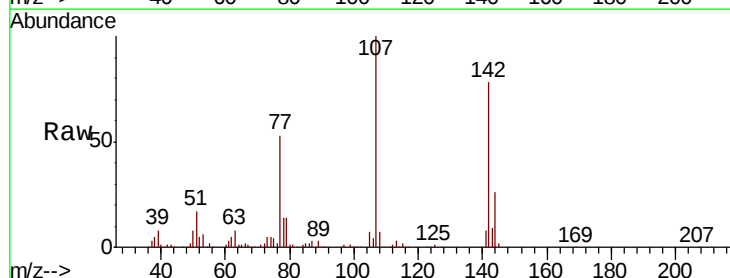
RT: 11.59 min Scan# 1479

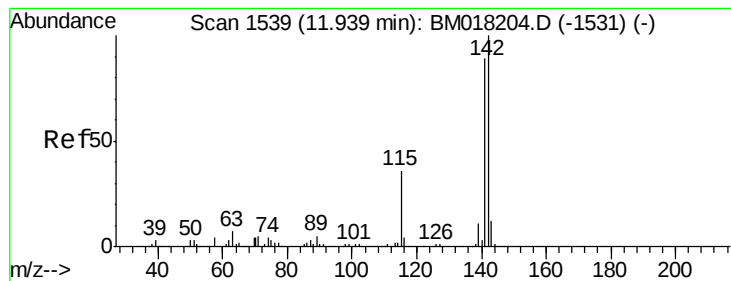
Delta R.T. -0.00 min

Lab File: BM018233.D

Acq: 16 Dec 2018 19:07

Tgt Ion:	107	Resp:	322227
Ion Ratio	Lower	Upper	
107	100		
144	25.9	20.1	30.1
142	77.7	61.7	92.5





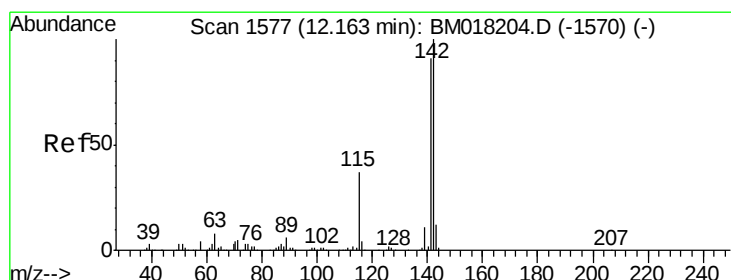
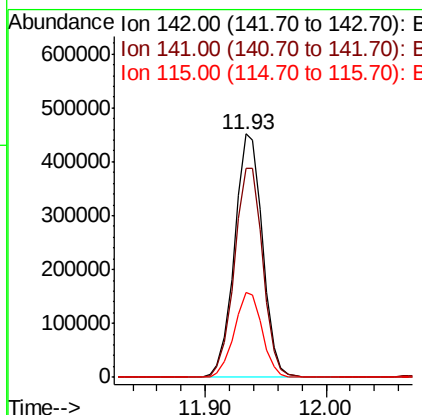
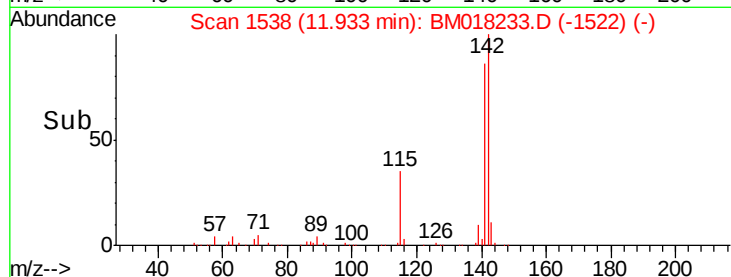
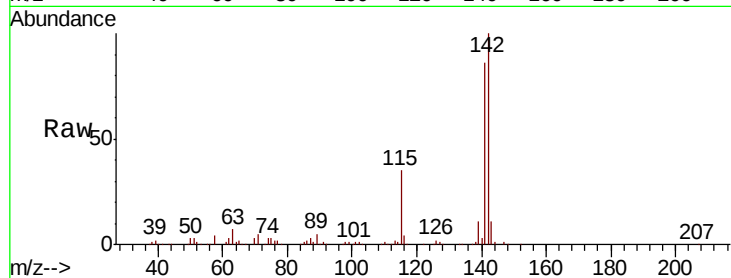
#37
2-Methylnaphthalene
Concen: 40.605 ng
RT: 11.93 min Scan# 1538
Delta R.T. -0.01 min
Lab File: BM018233.D
Acq: 16 Dec 2018 19:07

Instrument :
BNA_M
ClientSampleId :
P001-SD006-0612-01MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	85.9	71.4	107.2
115	35.0	29.0	43.6

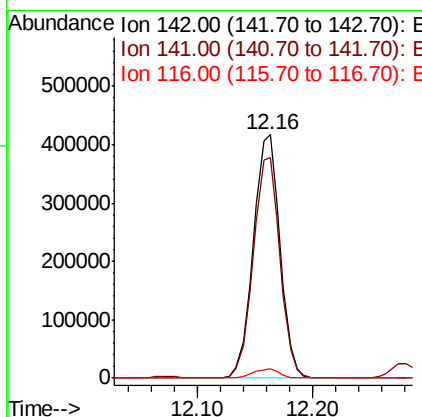
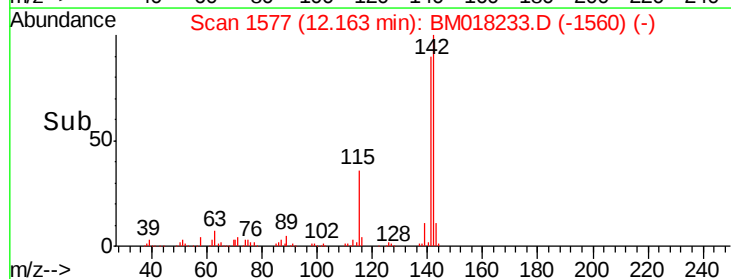
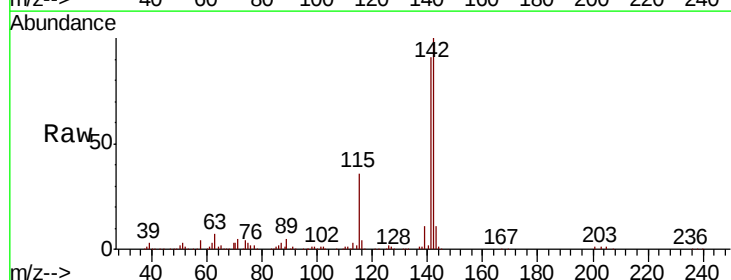
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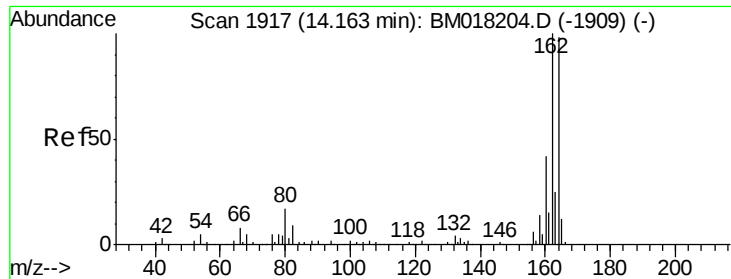
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#38
1-Methylnaphthalene
Concen: 38.216 ng
RT: 12.16 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BM018233.D
Acq: 16 Dec 2018 19:07

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.8	73.0	109.4
116	3.7	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: BM018233.D

Acq: 16 Dec 2018 19:07

Instrument :

BNA_M

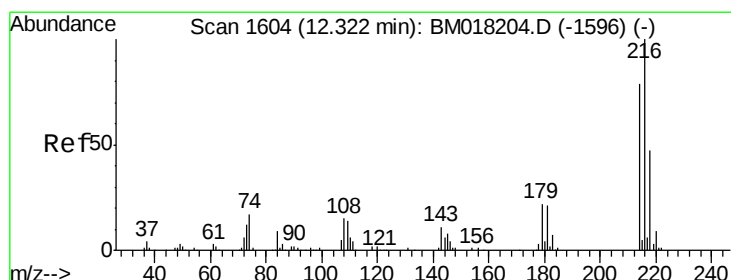
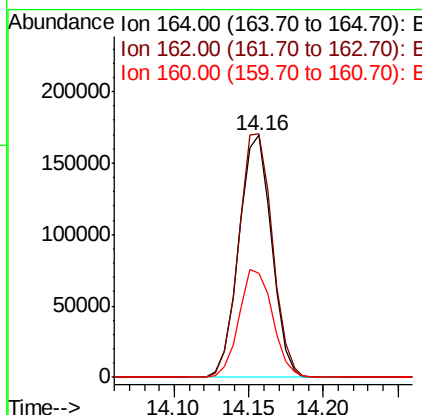
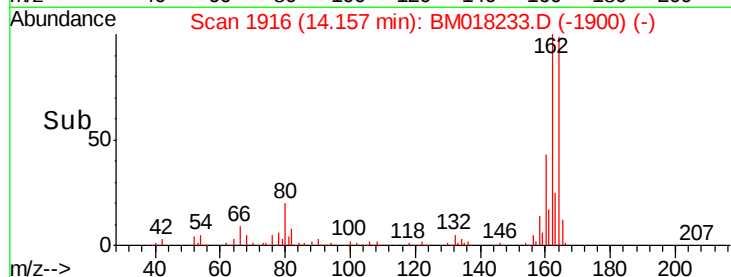
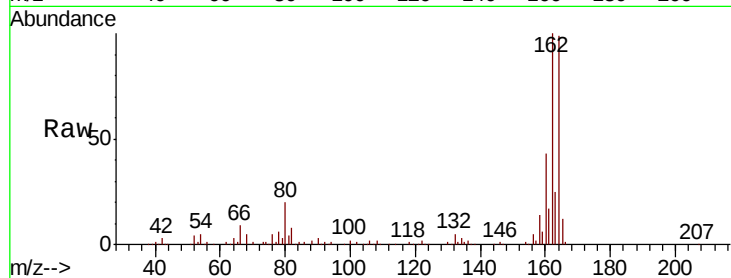
ClientSampleId :

P001-SD006-0612-01MSD

Tot Ion:	164	Resp:	256914
Ion Ratio	Lower	Upper	
164	100		
162	100.6	81.8	122.6
160	43.0	34.6	51.8

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.156 ng

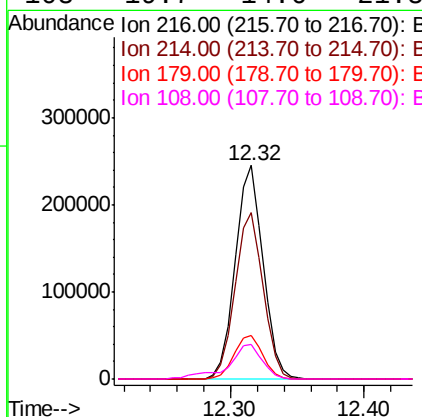
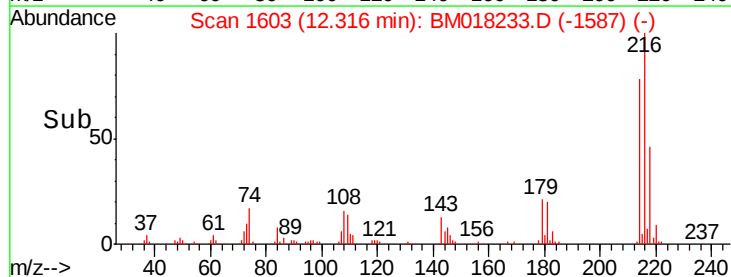
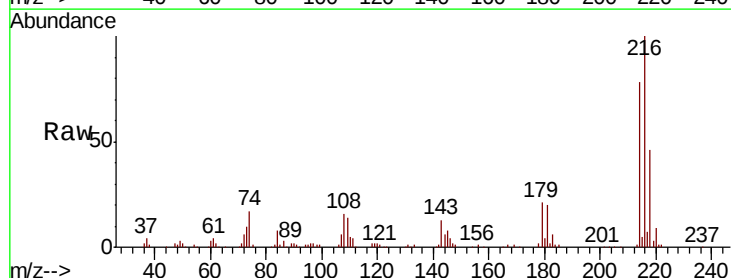
RT: 12.32 min Scan# 1603

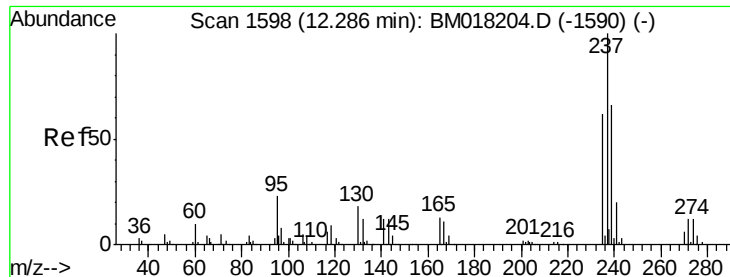
Delta R.T. -0.01 min

Lab File: BM018233.D

Acq: 16 Dec 2018 19:07

Tgt Ion:	216	Resp:	354761
Ion Ratio	Lower	Upper	
216	100		
214	78.9	63.4	95.0
179	21.0	17.2	25.8
108	19.7	14.6	21.8





#41

Hexachlorocyclopentadiene

Concen: 87.266 ng

RT: 12.28 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BM018233.D

Acq: 16 Dec 2018 19:07

Instrument :

BNA_M

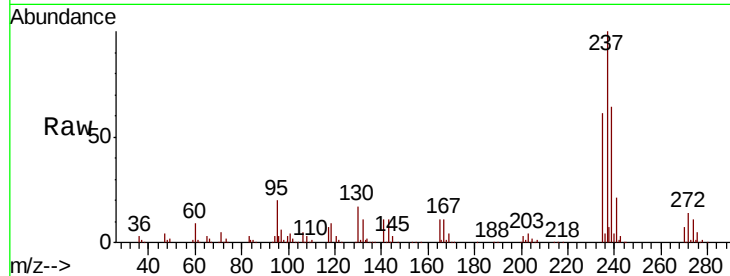
ClientSampleId :

P001-SD006-0612-01MSD

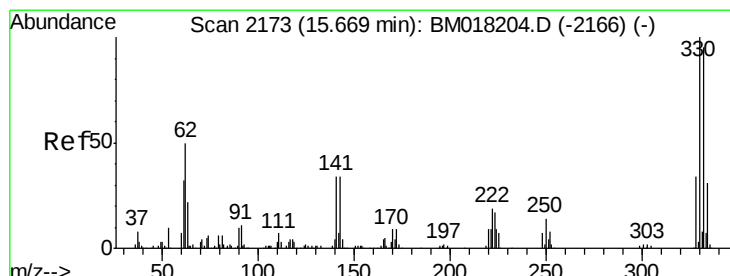
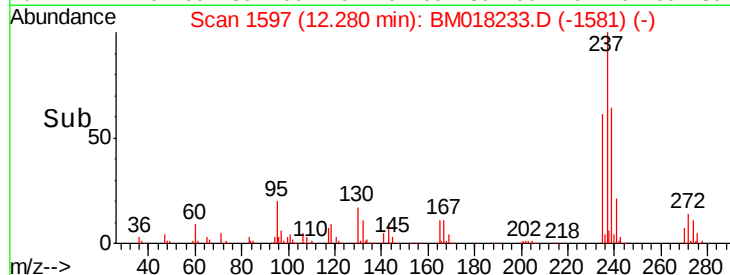
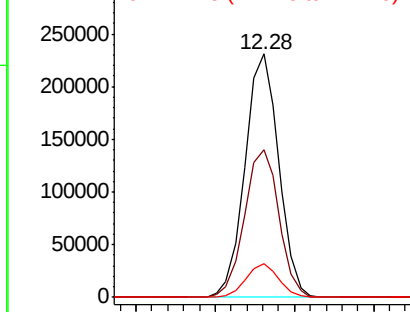
Tot Ion:	237	Resp:	340778
Ion Ratio	Lower	Upper	
237	100		
235	60.8	42.1	82.1
272	13.7	0.0	32.1

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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: 83.540 ng

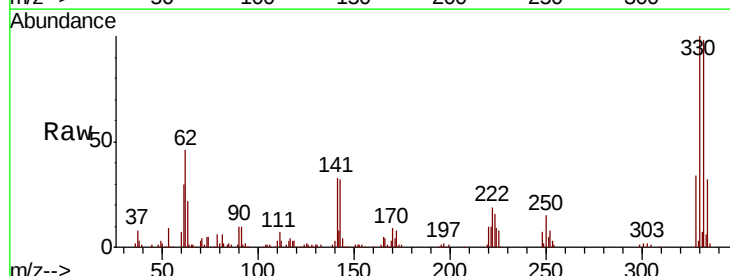
RT: 15.66 min Scan# 2172

Delta R.T. -0.01 min

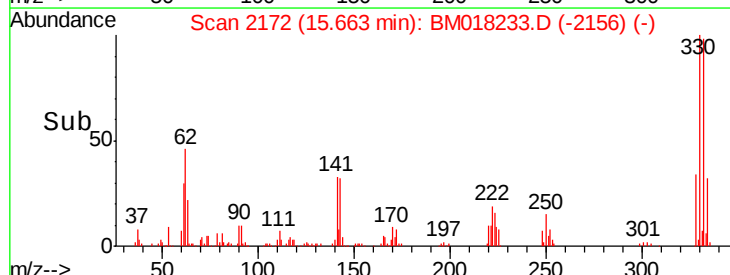
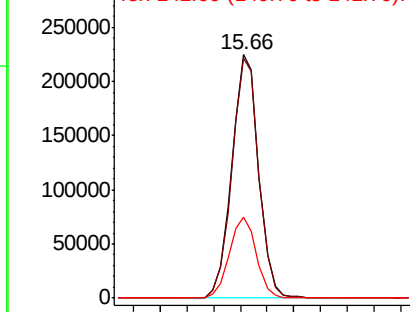
Lab File: BM018233.D

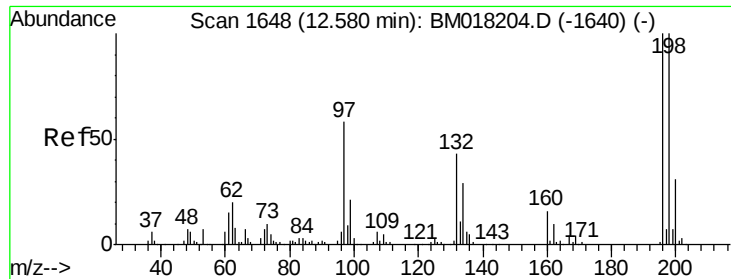
Acq: 16 Dec 2018 19:07

Tgt Ion:	330	Resp:	315010
Ion Ratio	Lower	Upper	
330	100		
332	98.2	78.6	118.0
141	33.6	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





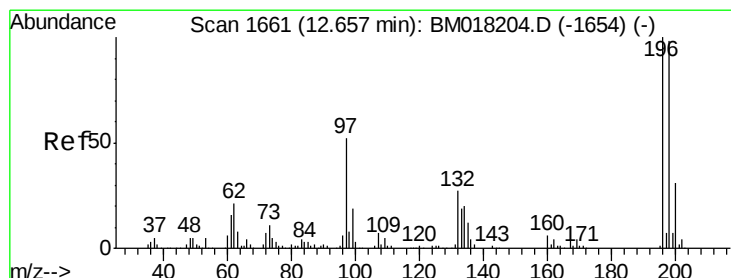
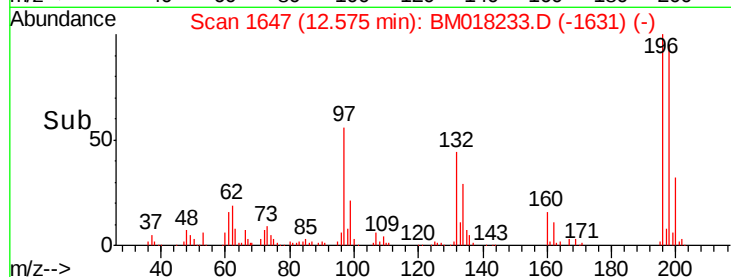
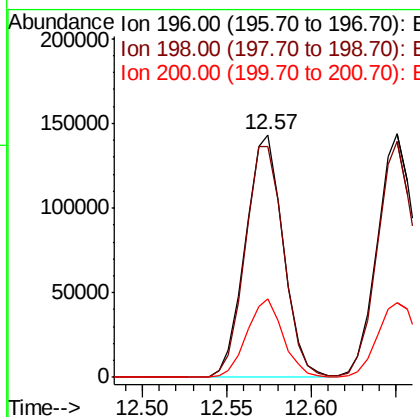
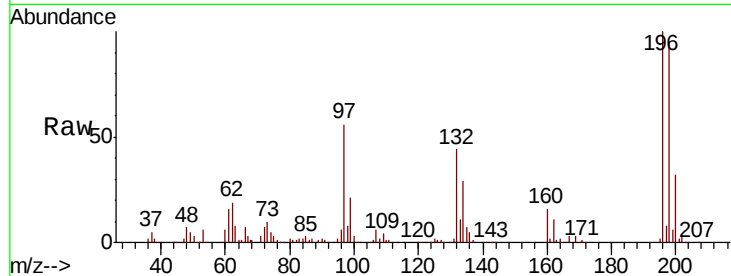
#43
 2,4,6-Trichlorophenol
 Concen: 39.353 ng
 RT: 12.57 min Scan# 1647
 Delta R.T. -0.01 min
 Lab File: BM018233.D
 Acq: 16 Dec 2018 19:07

Instrument :
 BNA_M
 ClientSampleId :
 P001-SD006-0612-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	223613		
198	95.4	80.1	120.1	
200	32.3	24.9	37.3	

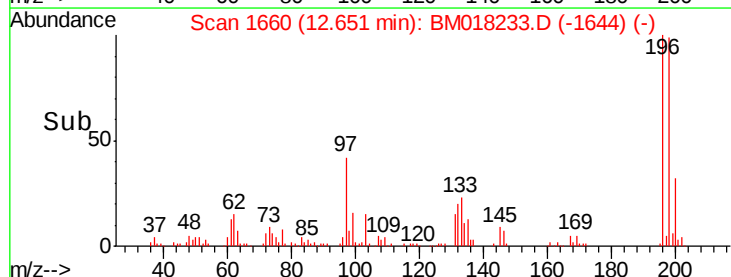
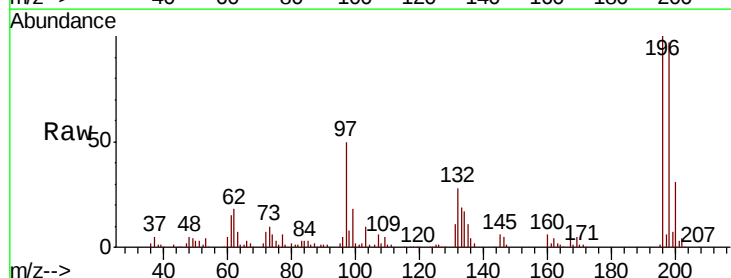
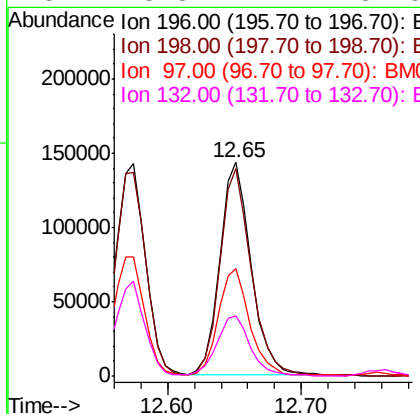
Manual Integrations
 APPROVED

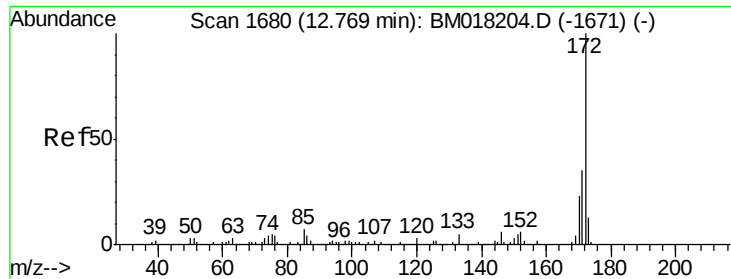
Sohil
 12/17/2018 4:20:57 PM



#44
 2,4,5-Trichlorophenol
 Concen: 38.826 ng
 RT: 12.65 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BM018233.D
 Acq: 16 Dec 2018 19:07

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	234216		
198	96.8	78.5	117.7	
97	50.1	41.9	62.9	
132	28.3	21.7	32.5	





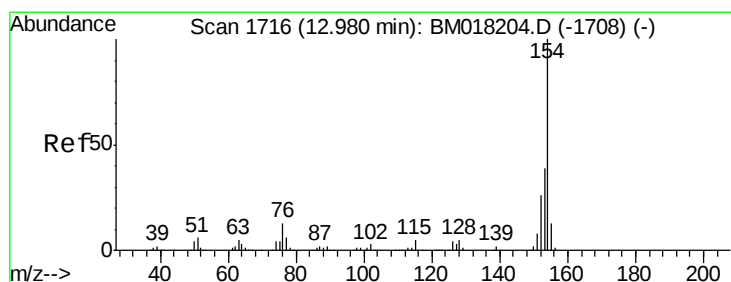
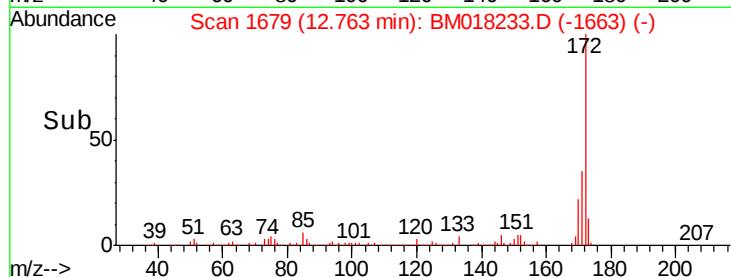
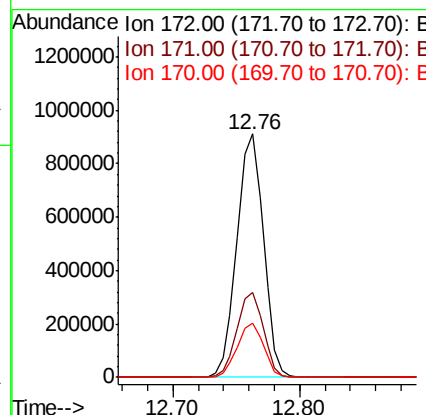
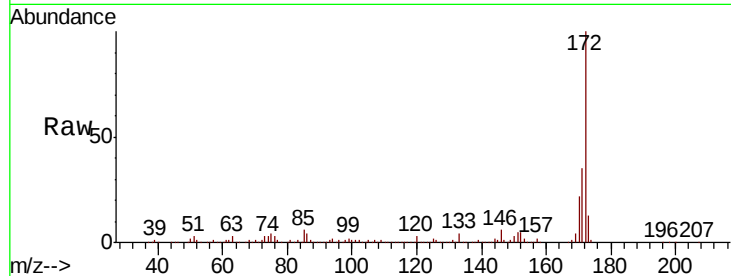
#45
2-Fluorobiphenyl
Concen: 66.639 ng
RT: 12.76 min Scan# 1679
Delta R.T. -0.01 min
Lab File: BM018233.D
Acq: 16 Dec 2018 19:07

Instrument :
BNA_M
ClientSampleId :
P001-SD006-0612-01MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.3	42.5
170	22.2	18.1	27.1

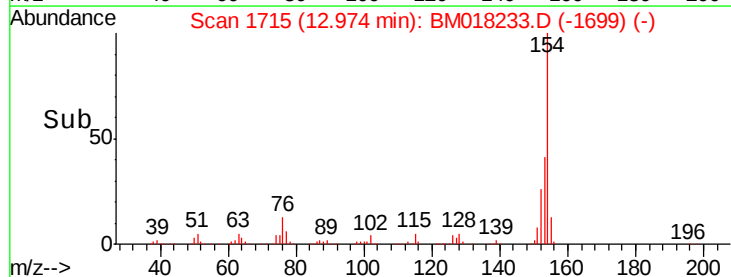
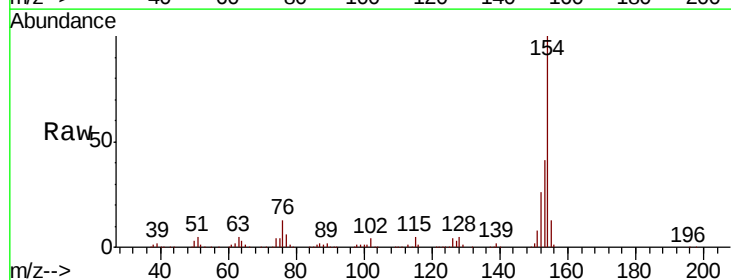
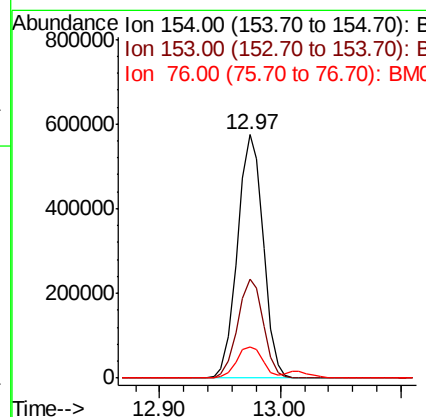
Manual Integrations
APPROVED

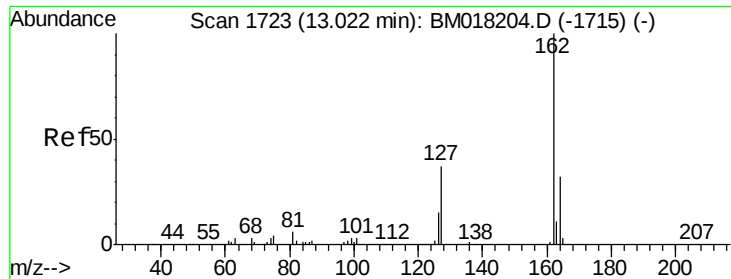
Sohil
12/17/2018 4:20:57 PM



#46
1,1'-Biphenyl
Concen: 36.999 ng
RT: 12.97 min Scan# 1715
Delta R.T. -0.01 min
Lab File: BM018233.D
Acq: 16 Dec 2018 19:07

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	19.5	59.5
76	12.8	0.0	33.1





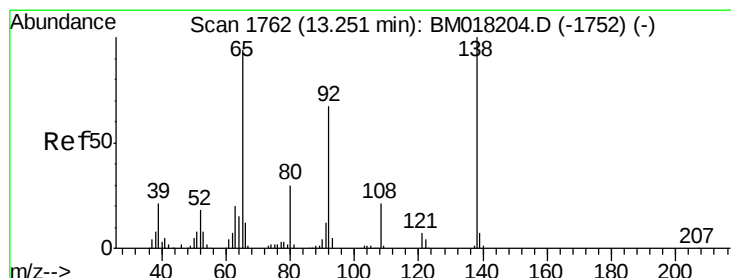
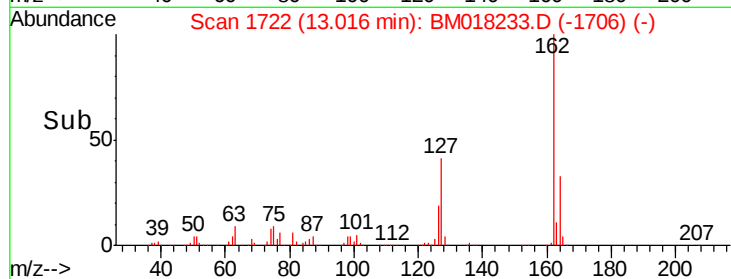
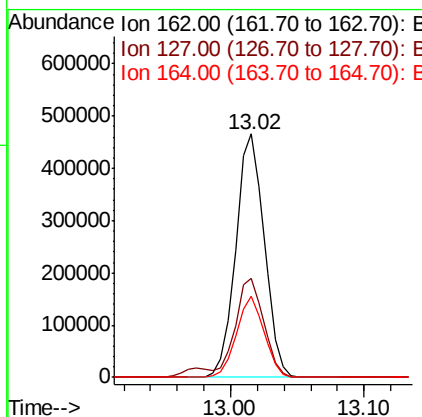
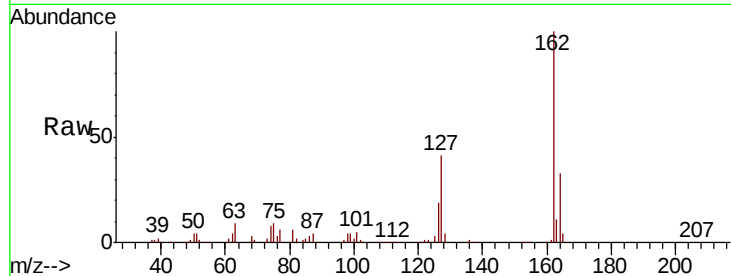
#47
2-Chloronaphthalene
Concen: 40.463 ng
RT: 13.02 min Scan# 1722
Delta R.T. -0.01 min
Lab File: BM018233.D
Acq: 16 Dec 2018 19:07

Instrument :
BNA_M
ClientSampleId :
P001-SD006-0612-01MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.7	31.8	47.8
164	33.0	25.9	38.9

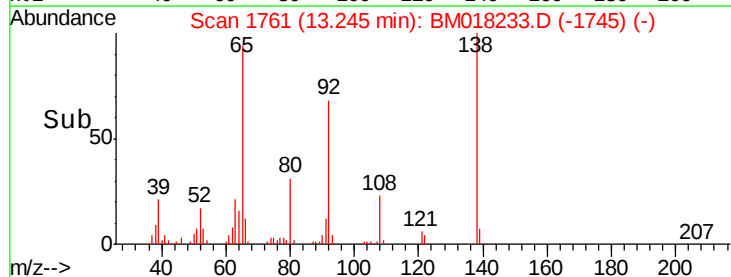
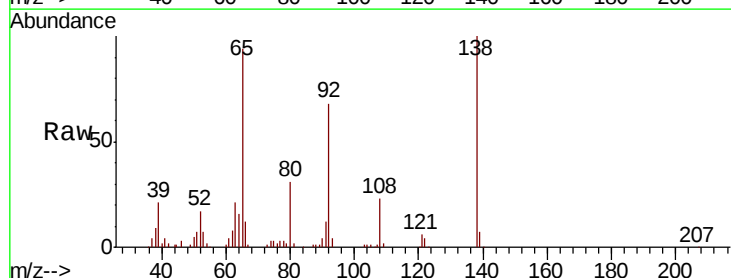
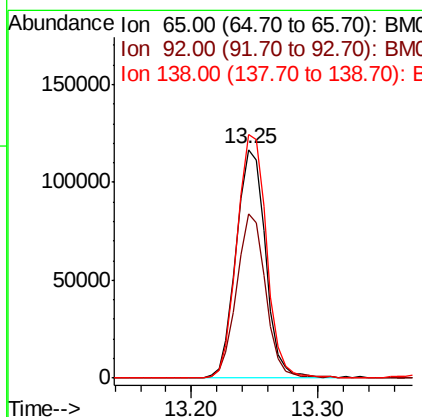
Manual Integrations
APPROVED

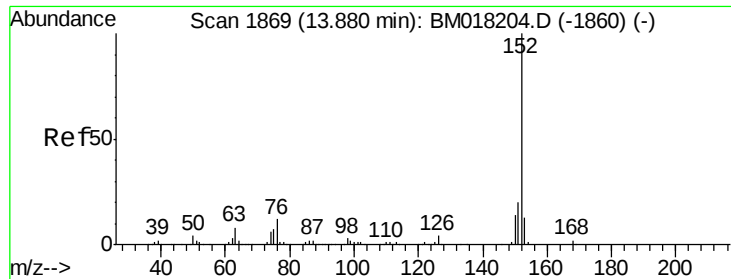
Sohil
12/17/2018 4:20:57 PM



#48
2-Nitroaniline
Concen: 35.880 ng
RT: 13.25 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BM018233.D
Acq: 16 Dec 2018 19:07

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.1	56.8	85.2
138	106.4	85.1	127.7





#49

Acenaphthylene

Concen: 41.141 ng

RT: 13.87 min Scan# 1868

Delta R.T. -0.01 min

Lab File: BM018233.D

Acq: 16 Dec 2018 19:07

Instrument :

BNA_M

ClientSampleId :

P001-SD006-0612-01MSD

Tot Ion:152 Resp: 1054689

Ion Ratio Lower Upper

152 100

151 18.8 16.0 24.0

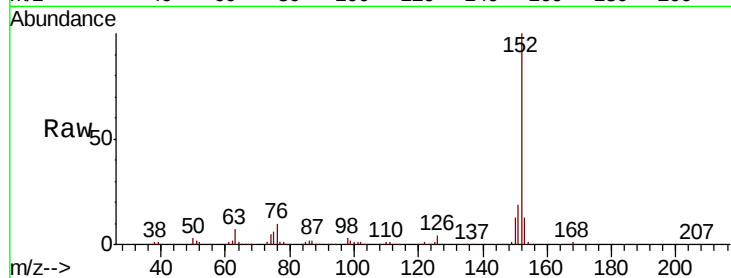
153 12.9 10.2 15.2

Manual Integrations

APPROVED

Sohil

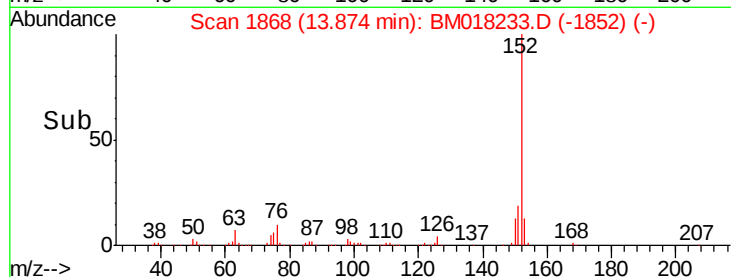
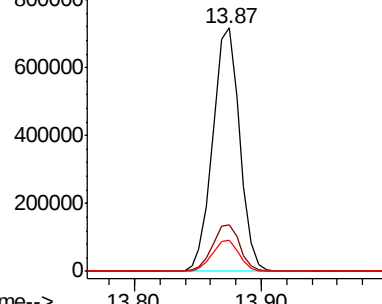
12/17/2018 4:20:57 PM



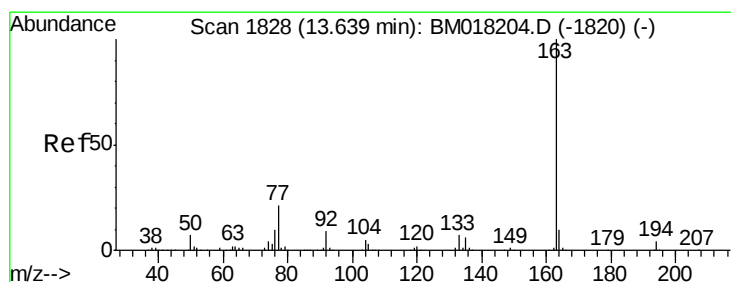
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#50

Dimethylphthalate

Concen: 41.205 ng

RT: 13.63 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BM018233.D

Acq: 16 Dec 2018 19:07

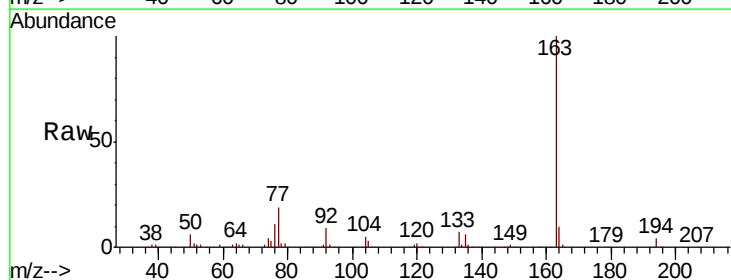
Tgt Ion:163 Resp: 880108

Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

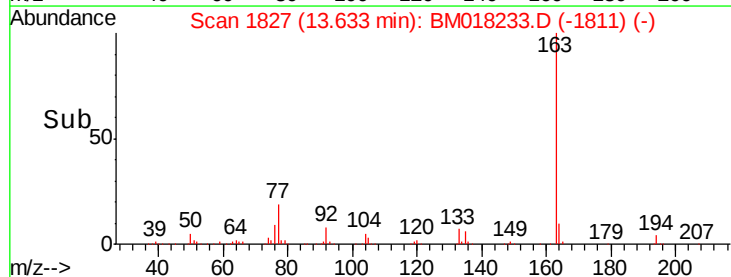
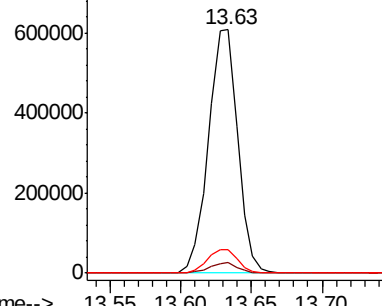
164 9.6 7.9 11.9



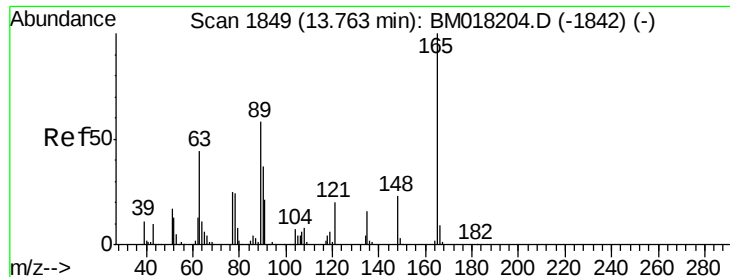
Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



Time-->



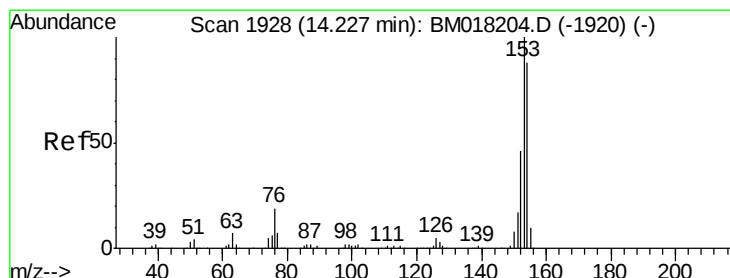
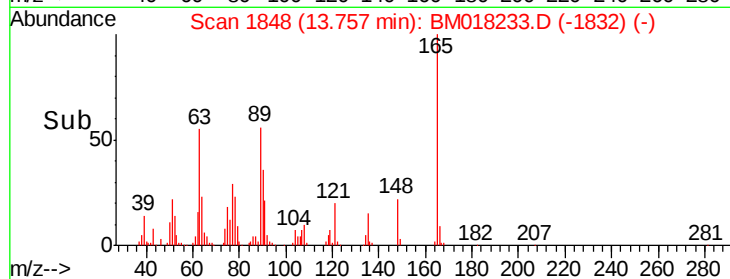
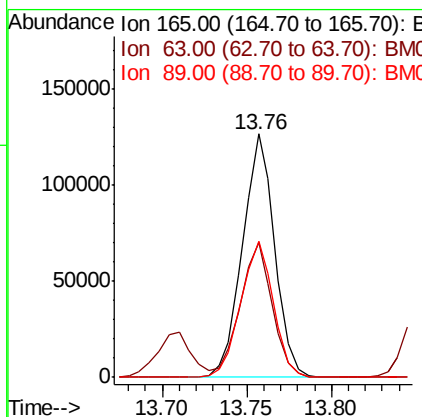
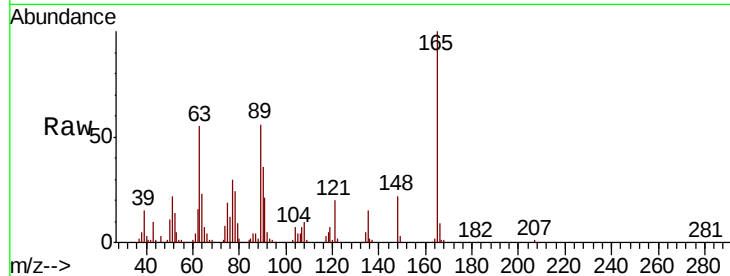
#51
2,6-Dinitrotoluene
Concen: 35.699 ng
RT: 13.76 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BM018233.D
Acq: 16 Dec 2018 19:07

Instrument :
BNA_M
ClientSampleId :
P001-SD006-0612-01MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	55.3	46.6	69.8
89	56.0	46.3	69.5

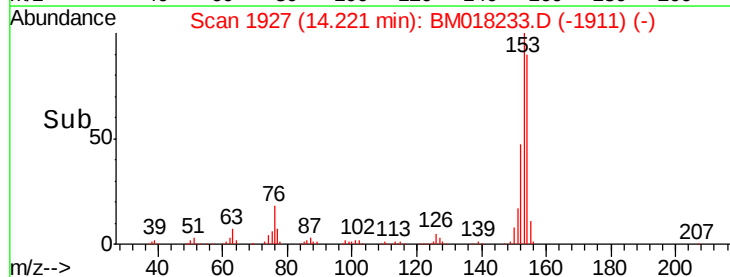
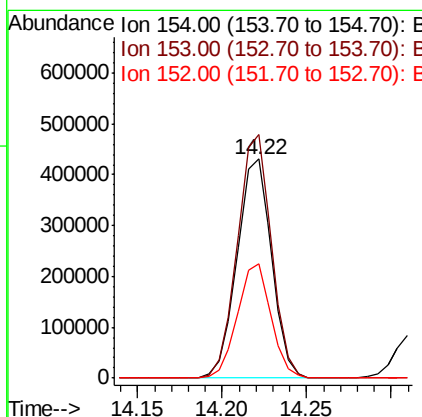
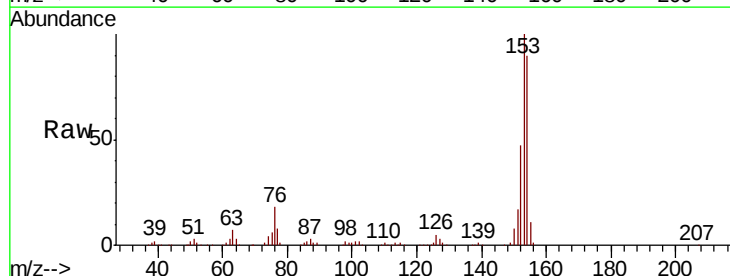
Manual Integrations
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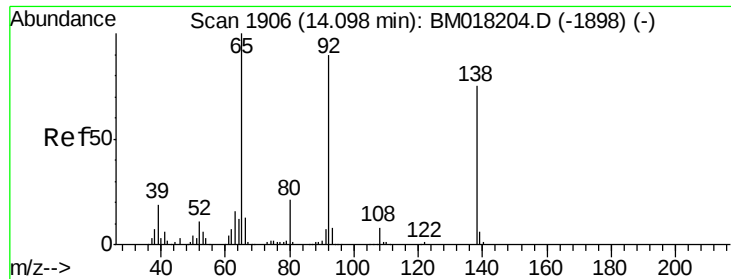
Sohil
12/17/2018 4:20:57 PM



#52
Acenaphthene
Concen: 39.125 ng
RT: 14.22 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BM018233.D
Acq: 16 Dec 2018 19:07

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.0	90.4	135.6
152	51.9	41.2	61.8





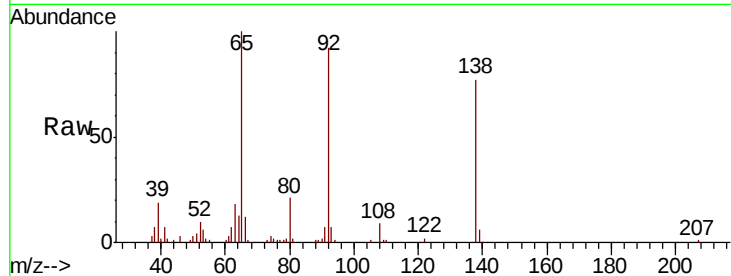
#53
3-Nitroaniline
Concen: 19.291 ng
RT: 14.09 min Scan# 1905
Delta R.T. -0.01 min
Lab File: BM018233.D
Acq: 16 Dec 2018 19:07

Instrument :
BNA_M
ClientSampleId :
P001-SD006-0612-01MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.0	8.4	12.6
92	119.5	94.9	142.3

Manual Integrations
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Sohil
12/17/2018 4:20:57 PM

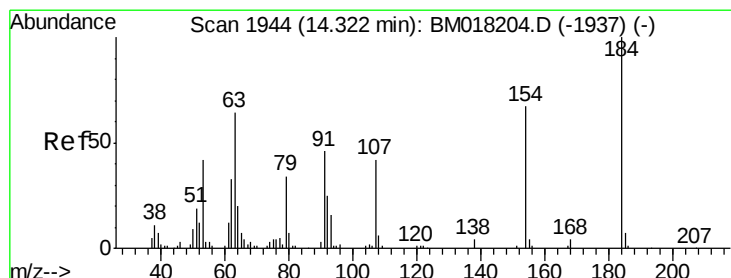
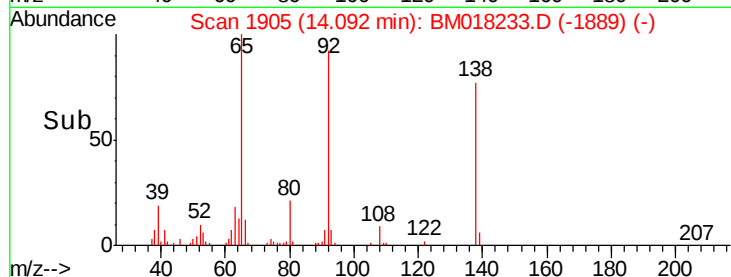
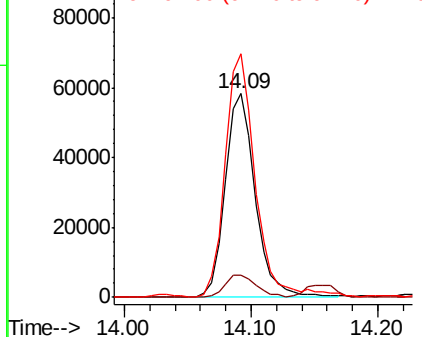


Abundance

Ion 138.00 (137.70 to 138.70): E

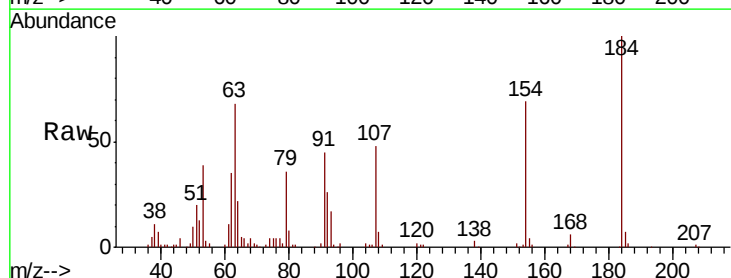
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#54
2,4-Dinitrophenol
Concen: 73.691 ng
RT: 14.31 min Scan# 1942
Delta R.T. -0.01 min
Lab File: BM018233.D
Acq: 16 Dec 2018 19:07

Tgt Ion	Ratio	Lower	Upper
184	100		
63	68.0	51.6	77.4
154	68.7	54.0	81.0

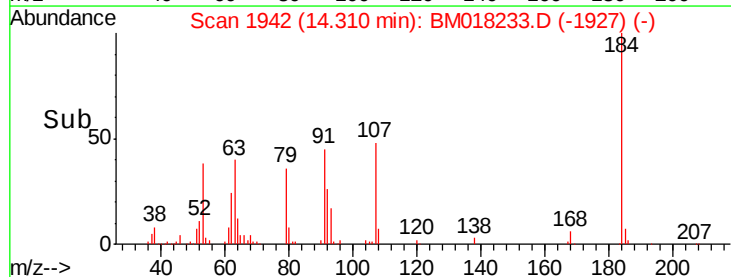
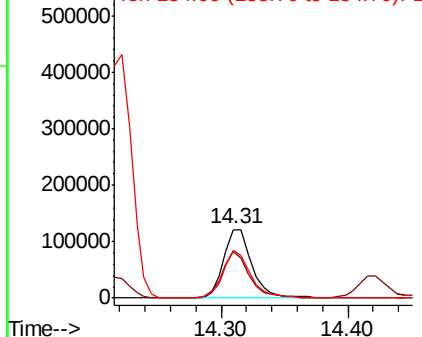


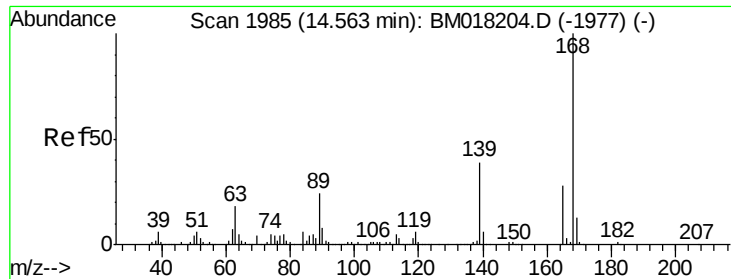
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E





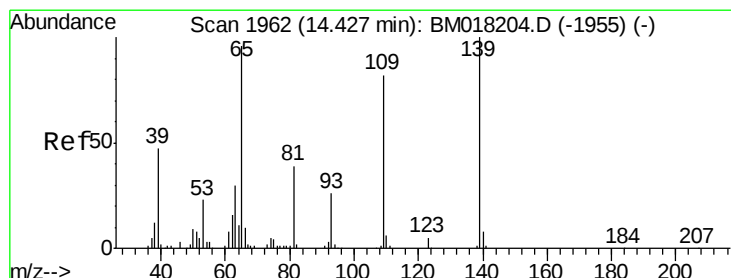
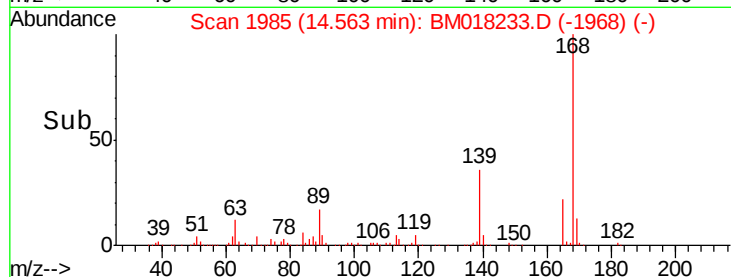
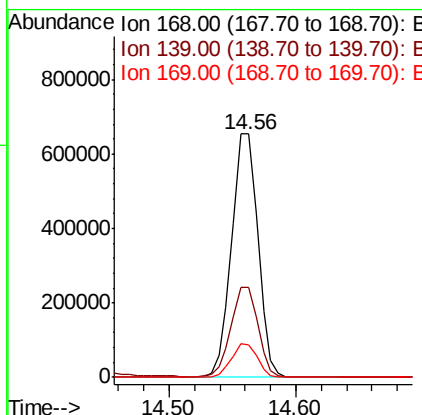
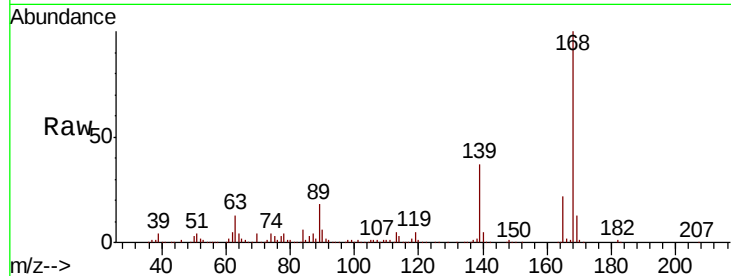
#55
Dibenzenofuran
Concen: 37.294 ng
RT: 14.56 min Scan# 1985
Delta R.T. -0.00 min
Lab File: BM018233.D
Acq: 16 Dec 2018 19:07

Instrument :
BNA_M
ClientSampleId :
P001-SD006-0612-01MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.0	31.2	46.8
169	13.2	10.4	15.6

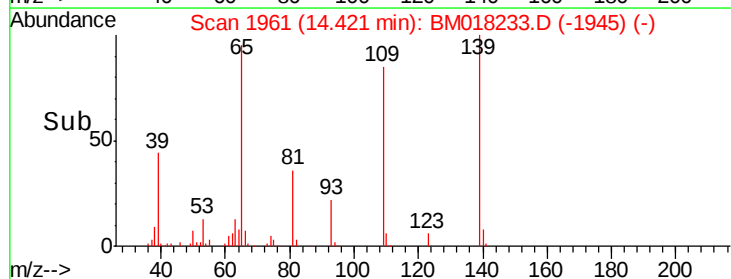
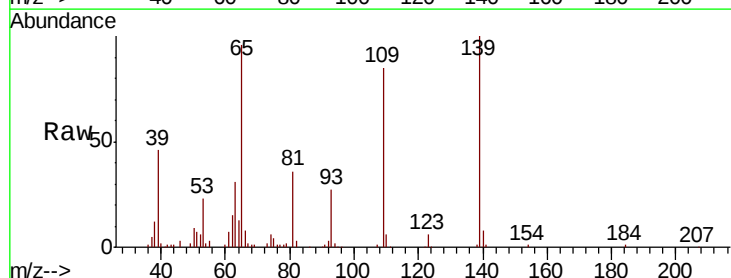
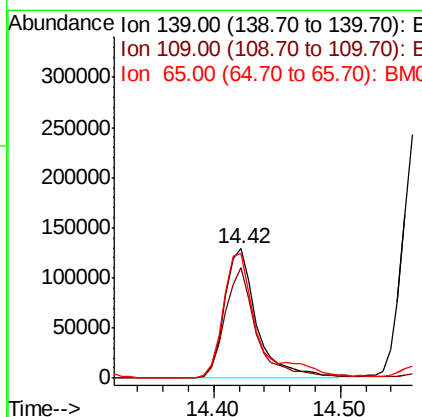
Manual Integrations
APPROVED

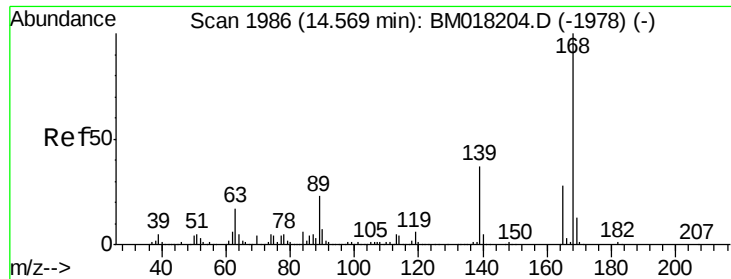
Sohil
12/17/2018 4:20:57 PM



#56
4-Nitrophenol
Concen: 61.244 ng
RT: 14.42 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BM018233.D
Acq: 16 Dec 2018 19:07

Tgt Ion	Ratio	Lower	Upper
139	100		
109	85.4	62.3	102.3
65	96.5	76.4	116.4





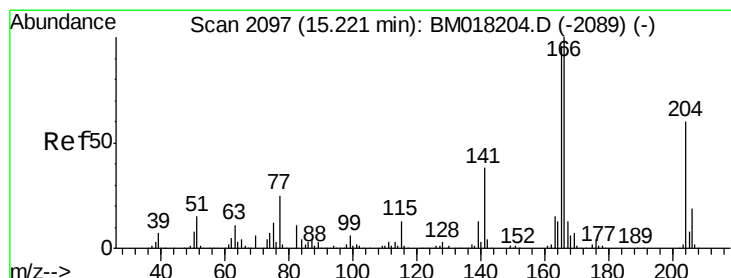
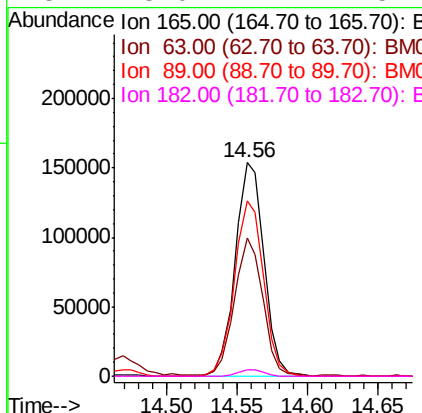
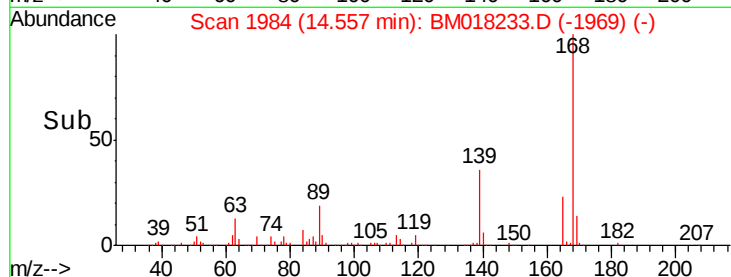
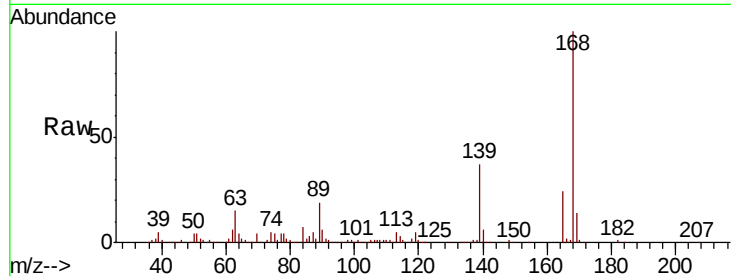
#57
2,4-Dinitrotoluene
Concen: 33.591 ng
RT: 14.56 min Scan# 1984
Delta R.T. -0.01 min
Lab File: BM018233.D
Acq: 16 Dec 2018 19:07

Instrument :
BNA_M
ClientSampleId :
P001-SD006-0612-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	218013		
63	64.9	47.2	70.8	
89	82.1	65.8	98.8	
182	3.0	2.2	3.4	

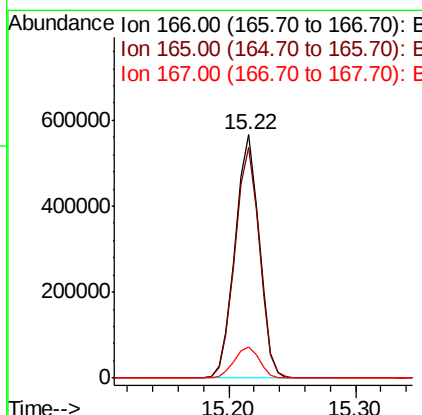
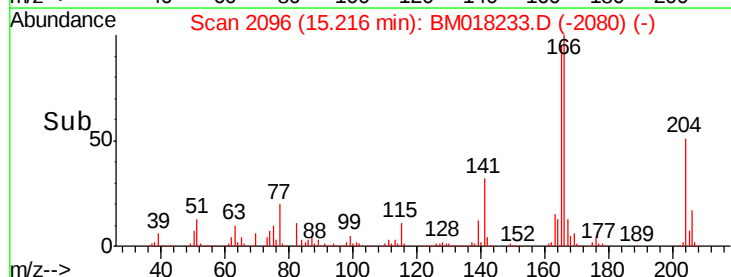
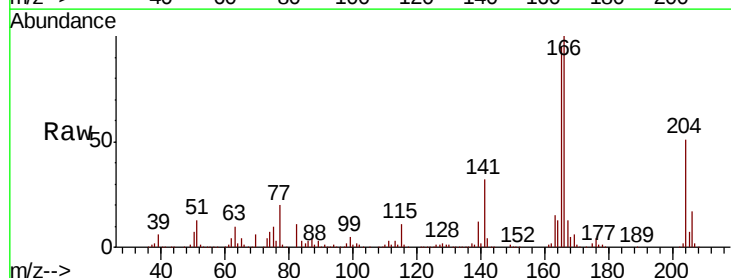
Manual Integrations
APPROVED

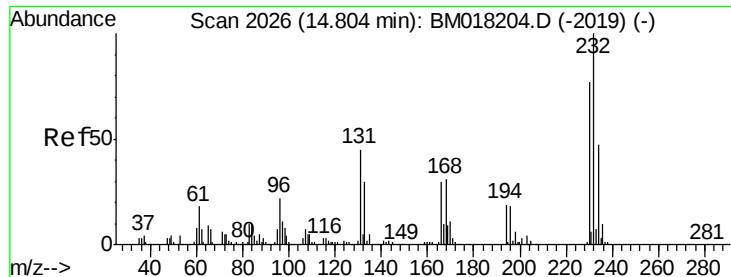
Sohil
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#58
Fluorene
Concen: 38.339 ng
RT: 15.22 min Scan# 2096
Delta R.T. -0.01 min
Lab File: BM018233.D
Acq: 16 Dec 2018 19:07

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	745423		
165	94.8	76.9	115.3	
167	12.8	10.5	15.7	





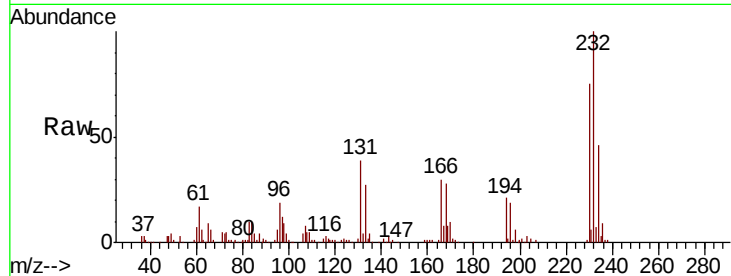
#59
2,3,4,6-Tetrachlorophenol
Concen: 35.554 ng
RT: 14.80 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BM018233.D
Acq: 16 Dec 2018 19:07

Instrument :
BNA_M
ClientSampleId :
P001-SD006-0612-01MSD

Tot Ion:	232	Resp:	193157
Ion Ratio	Lower	Upper	
232	100		
131	44.6	36.2	54.2
130	2.4	1.8	2.6
166	32.4	24.8	37.2

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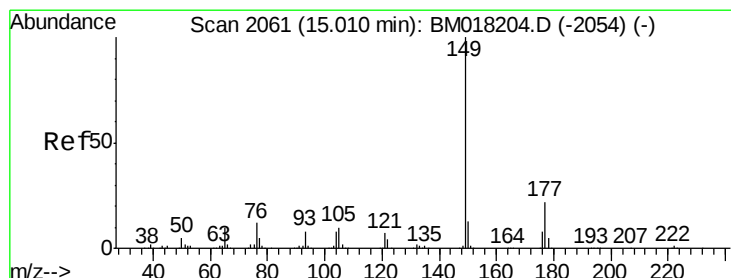
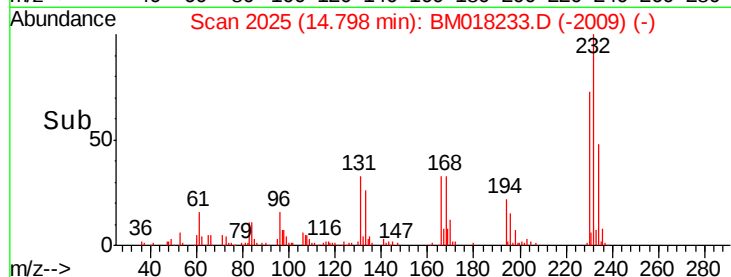
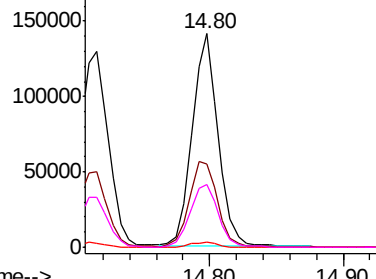
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

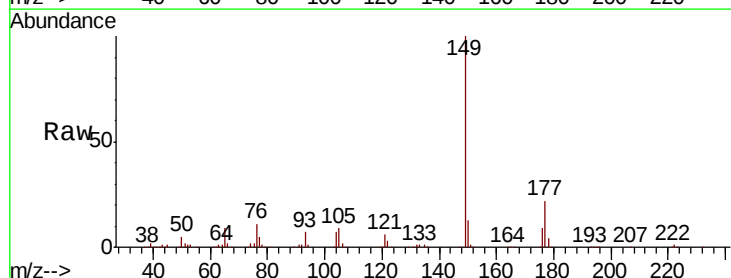
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 30.954 ng
RT: 15.00 min Scan# 2060
Delta R.T. -0.01 min
Lab File: BM018233.D
Acq: 16 Dec 2018 19:07

Tgt Ion:	149	Resp:	713497
Ion Ratio	Lower	Upper	
149	100		
177	22.2	17.8	26.8
150	12.8	10.3	15.5

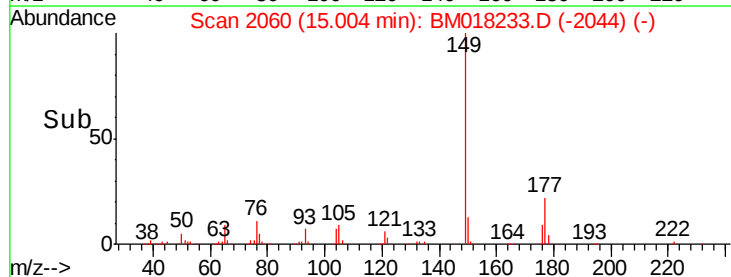
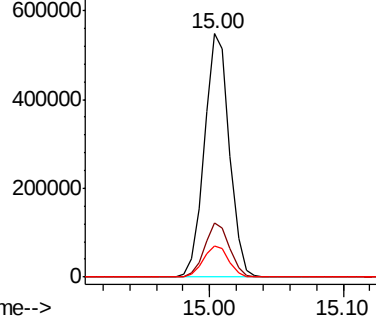


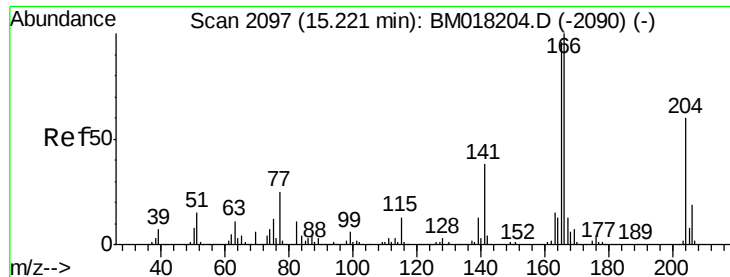
Abundance

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





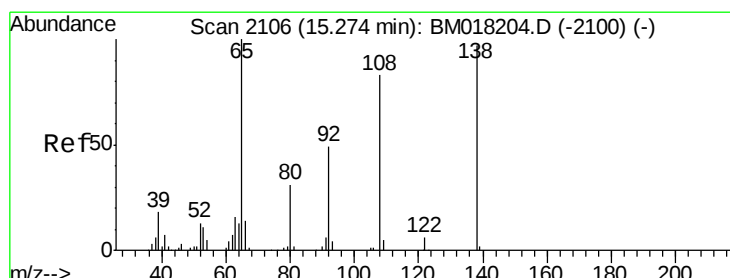
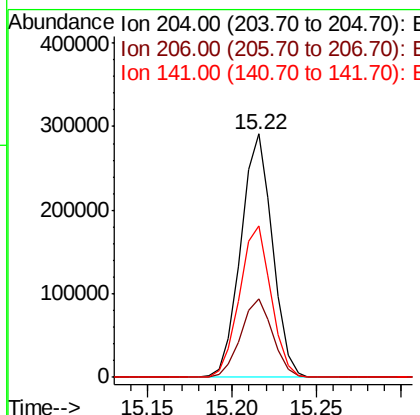
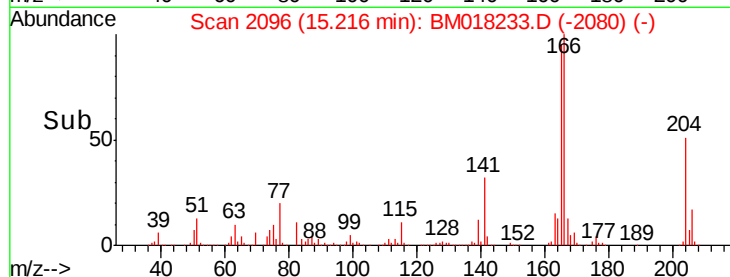
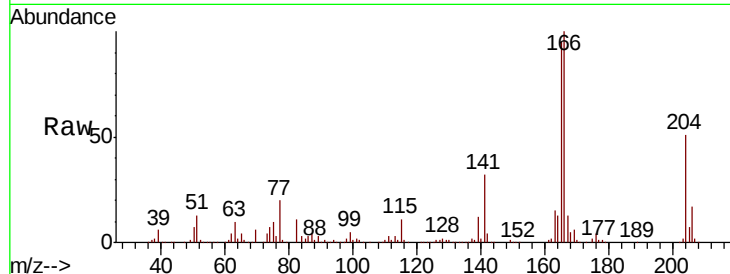
#61
4-Chlorophenyl-phenylether
Concen: 34.475 ng
RT: 15.22 min Scan# 2096
Delta R.T. -0.01 min
Lab File: BM018233.D
Acq: 16 Dec 2018 19:07

Instrument :
BNA_M
ClientSampleId :
P001-SD006-0612-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100			
206	32.2	25.8	38.6	
141	62.2	50.2	75.4	

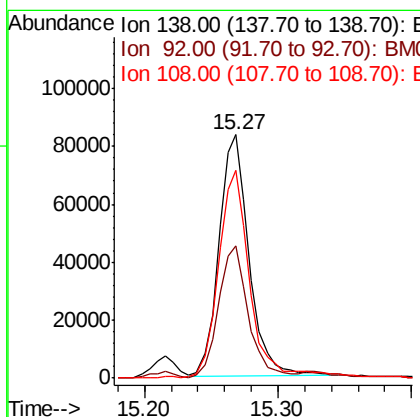
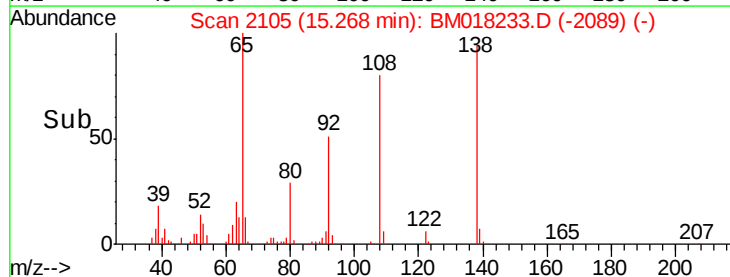
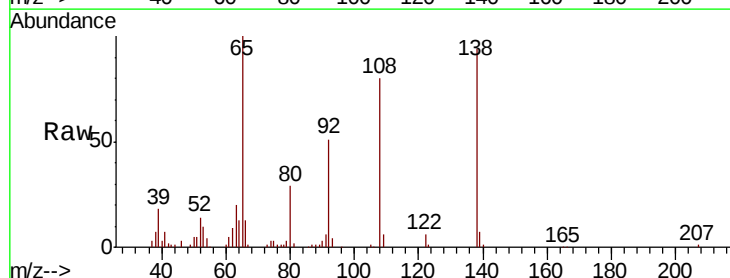
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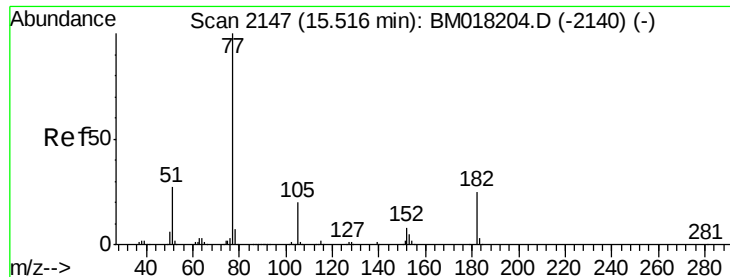
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#62
4-Nitroaniline
Concen: 28.260 ng
RT: 15.27 min Scan# 2105
Delta R.T. -0.01 min
Lab File: BM018233.D
Acq: 16 Dec 2018 19:07

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
92	54.3	31.1	71.1	
108	85.2	65.0	105.0	





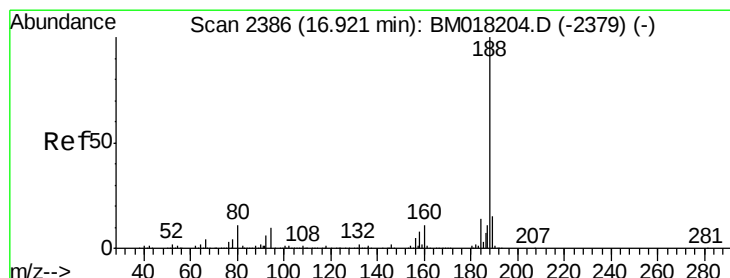
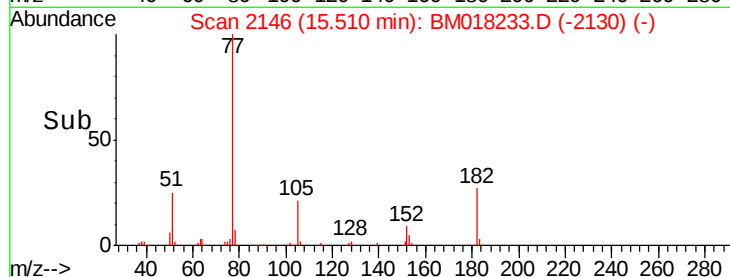
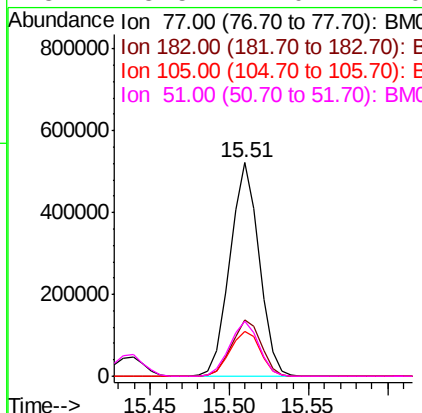
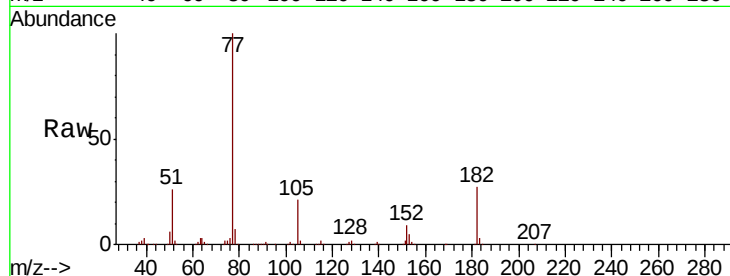
#63
Azobenzene
Concen: 31.568 ng
RT: 15.51 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BM018233.D
Acq: 16 Dec 2018 19:07

Instrument :
BNA_M
ClientSampleId :
P001-SD006-0612-01MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	26.5	4.6	44.6
105	20.9	0.2	40.2
51	25.5	7.0	47.0

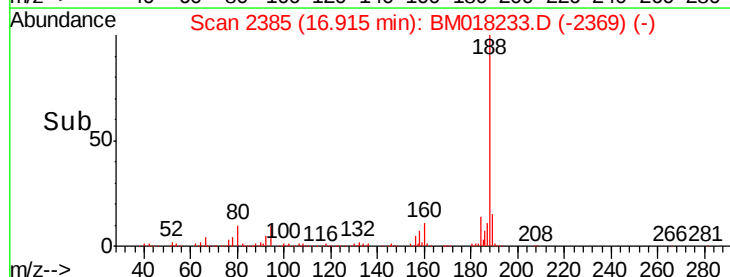
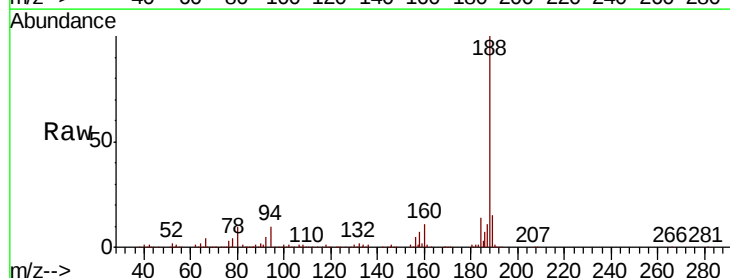
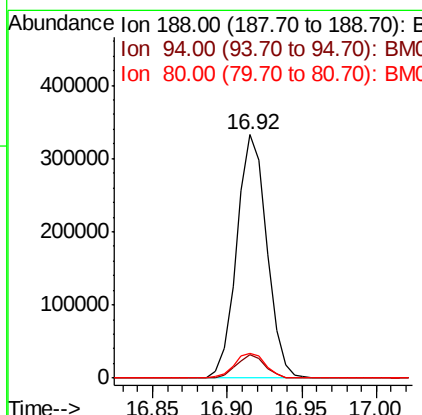
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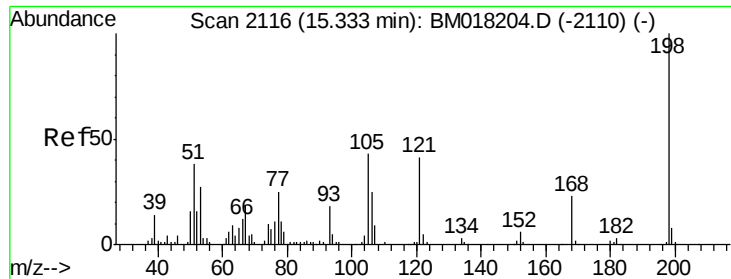
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.92 min Scan# 2385
Delta R.T. -0.01 min
Lab File: BM018233.D
Acq: 16 Dec 2018 19:07

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.0	12.0
80	10.4	9.0	13.6





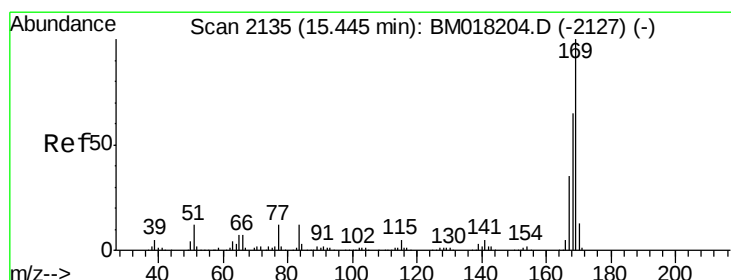
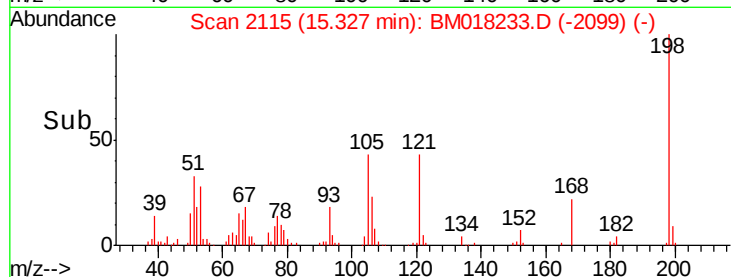
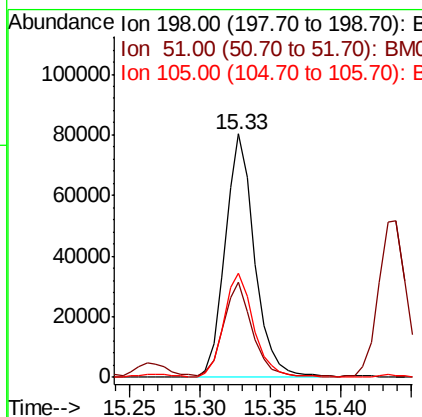
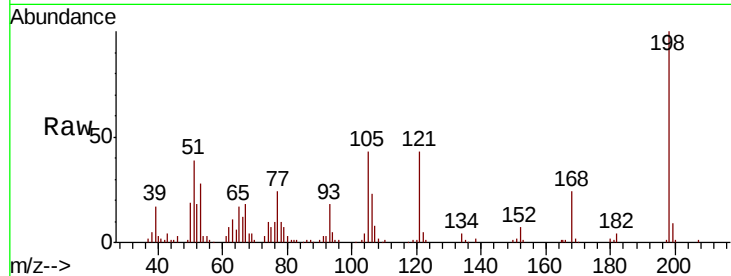
#65
 4,6-Dinitro-2-methylphenol
 Concen: 33.917 ng
 RT: 15.33 min Scan# 2115
 Delta R.T. -0.01 min
 Lab File: BM018233.D
 Acq: 16 Dec 2018 19:07

Instrument :
 BNA_M
 ClientSampleId :
 P001-SD006-0612-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	116482		
51	38.9	18.6	58.6	
105	42.9	22.9	62.9	

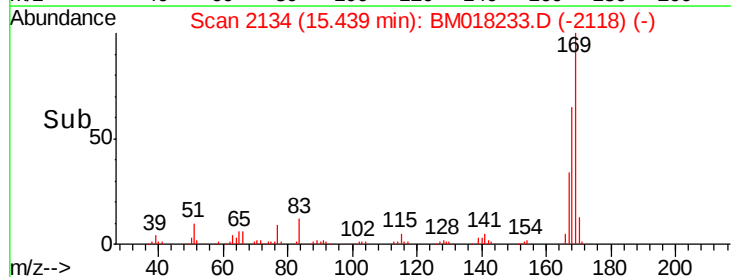
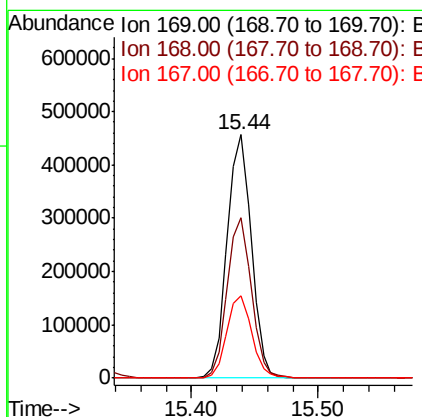
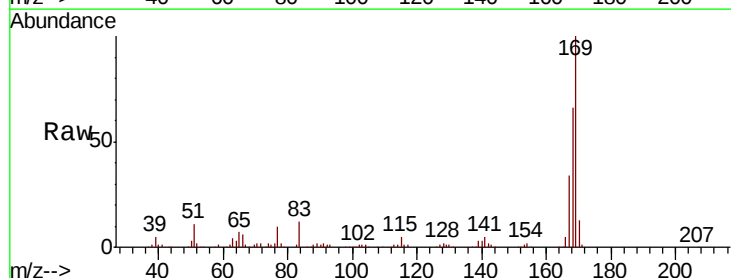
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#66
 n-Nitrosodiphenylamine
 Concen: 38.945 ng
 RT: 15.44 min Scan# 2134
 Delta R.T. -0.01 min
 Lab File: BM018233.D
 Acq: 16 Dec 2018 19:07

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	600788		
168	65.7	52.2	78.4	
167	33.9	27.6	41.4	





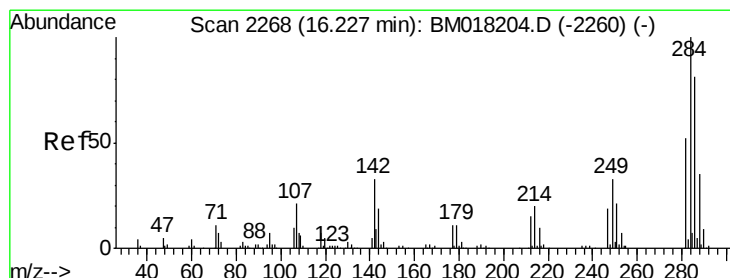
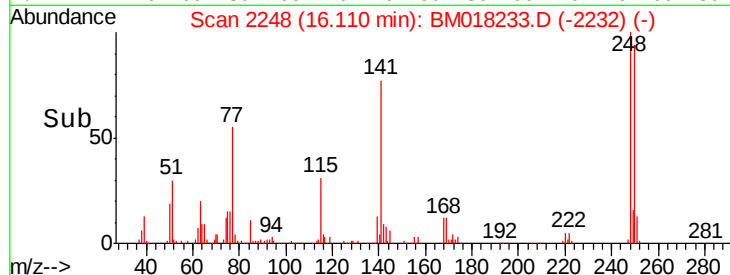
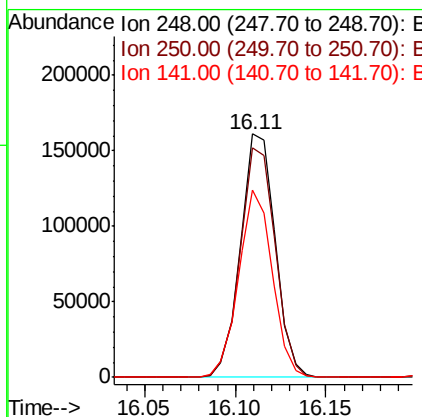
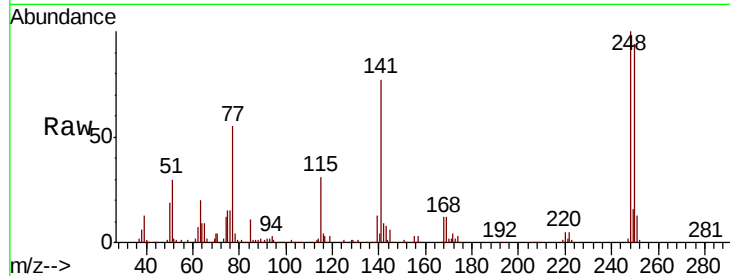
#67
 4-Bromophenyl-phenylether
 Concen: 37.935 ng
 RT: 16.11 min Scan# 2248
 Delta R.T. -0.01 min
 Lab File: BM018233.D
 Acq: 16 Dec 2018 19:07

Instrument :
 BNA_M
 ClientSampleId :
 P001-SD006-0612-01MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.3	78.7	118.1
141	76.8	62.2	93.4

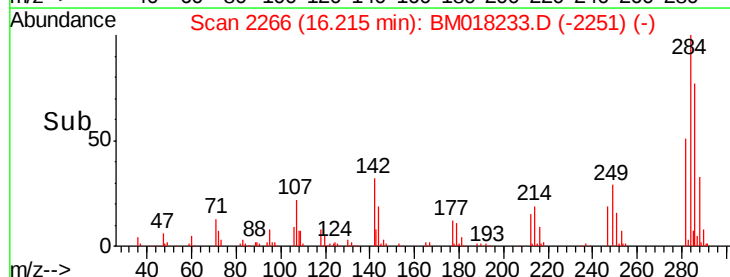
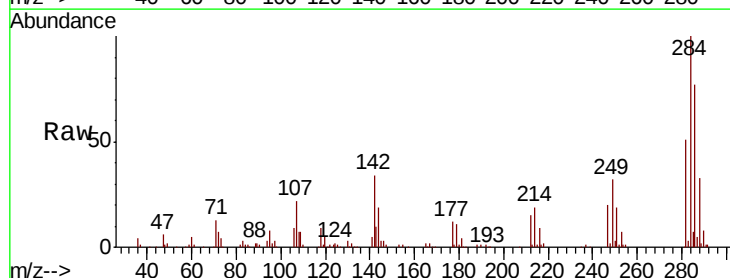
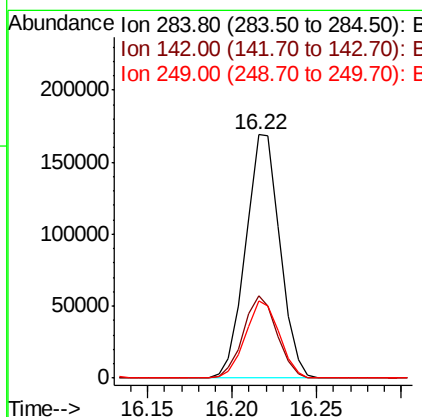
Manual Integrations
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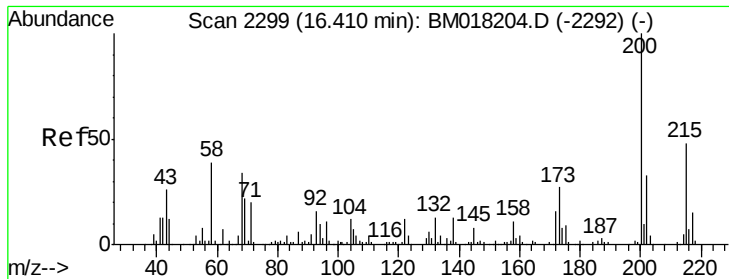
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#68
 Hexachlorobenzene
 Concen: 38.706 ng
 RT: 16.22 min Scan# 2266
 Delta R.T. -0.01 min
 Lab File: BM018233.D
 Acq: 16 Dec 2018 19:07

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.9	26.2	39.4
249	32.0	26.2	39.2





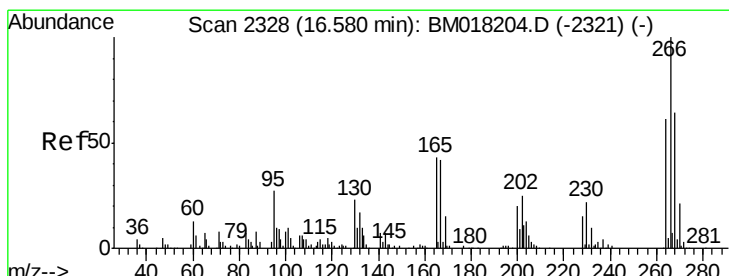
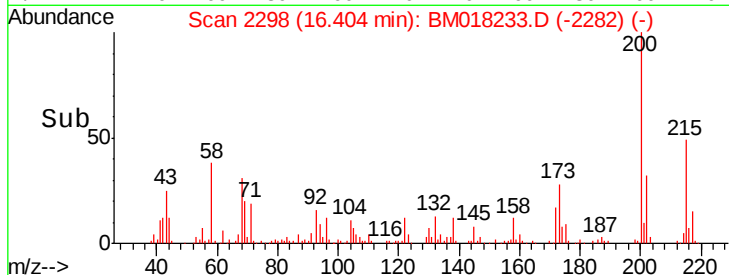
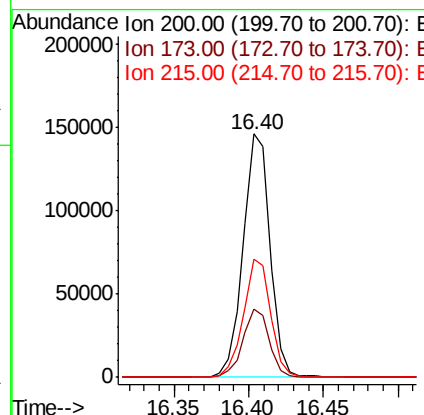
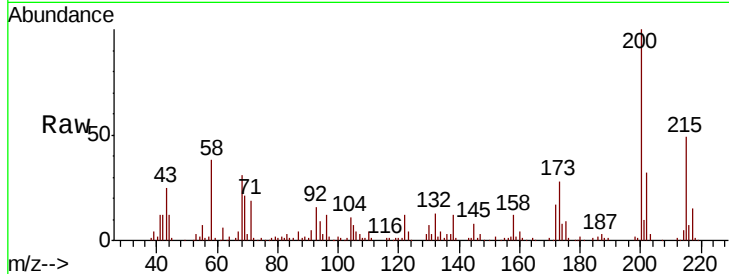
#69
 Atrazine
 Concen: 35.214 ng
 RT: 16.40 min Scan# 2298
 Delta R.T. -0.01 min
 Lab File: BM018233.D
 Acq: 16 Dec 2018 19:07

Instrument :
 BNA_M
 ClientSampleId :
 P001-SD006-0612-01MSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	28.0	6.9	46.9
215	48.7	27.9	67.9

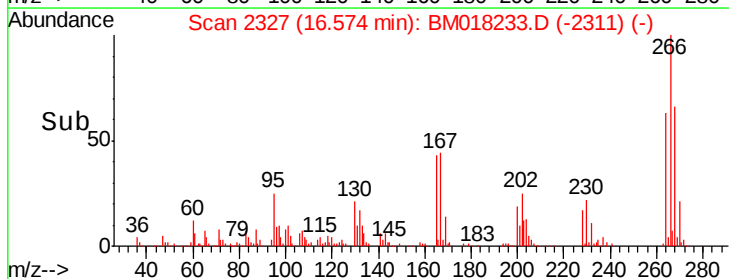
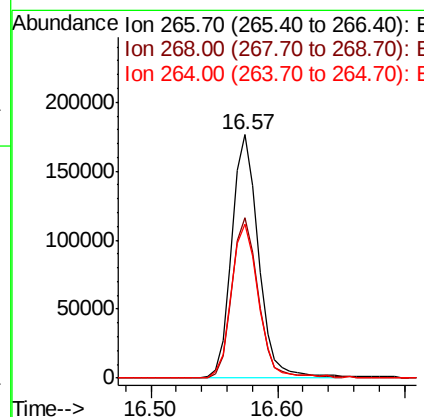
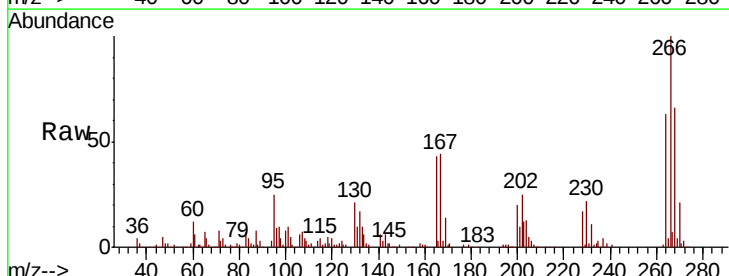
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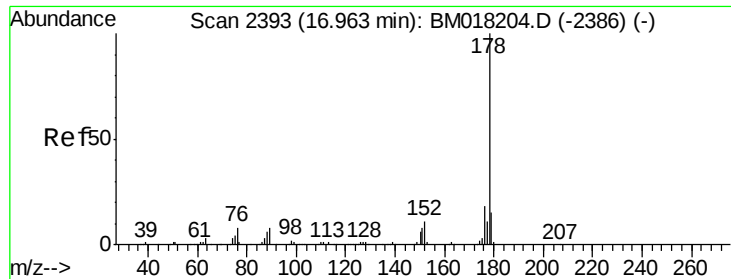
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#70
 Pentachlorophenol
 Concen: 63.042 ng
 RT: 16.57 min Scan# 2327
 Delta R.T. -0.01 min
 Lab File: BM018233.D
 Acq: 16 Dec 2018 19:07

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	65.9	51.1	76.7
264	63.0	49.0	73.4





#71

Phenanthrene

Concen: 39.991 ng

RT: 16.96 min Scan# 2392

Delta R.T. -0.01 min

Lab File: BM018233.D

Acq: 16 Dec 2018 19:07

Instrument :

BNA_M

ClientSampleId :

P001-SD006-0612-01MSD

Tot Ion:178 Resp: 1013354

Ion Ratio Lower Upper

178 100

176 18.2 14.7 22.1

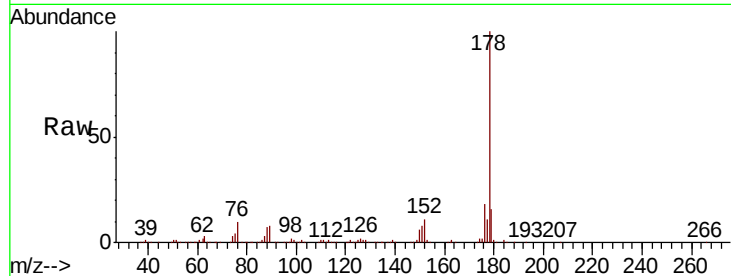
179 15.8 12.0 18.0

Manual Integrations

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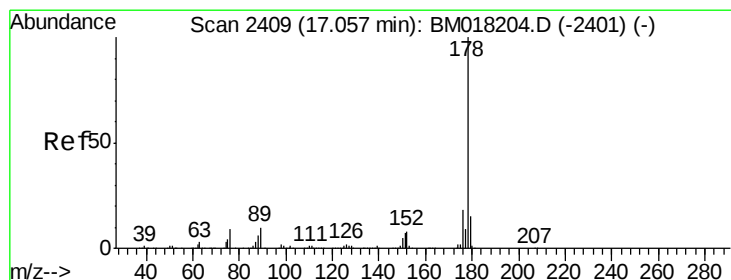
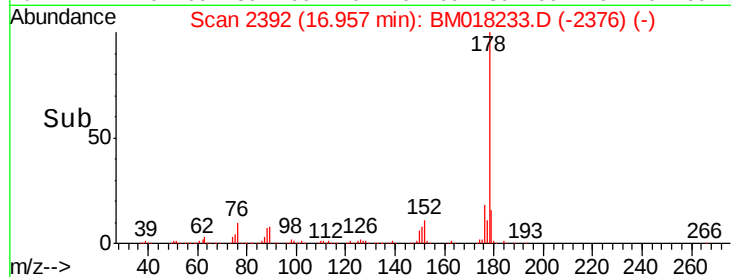
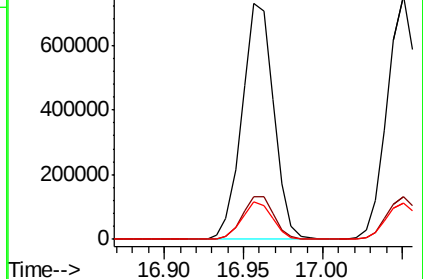
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.700 ng

RT: 17.05 min Scan# 2408

Delta R.T. -0.01 min

Lab File: BM018233.D

Acq: 16 Dec 2018 19:07

Tgt Ion:178 Resp: 1023146

Ion Ratio Lower Upper

178 100

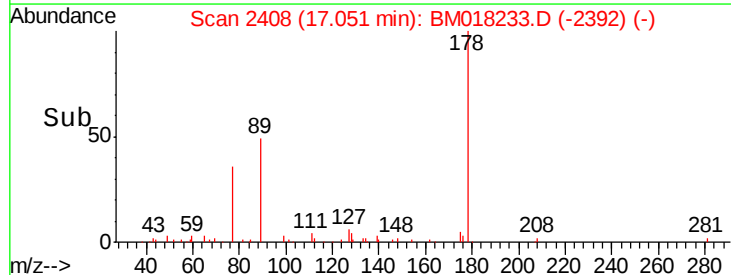
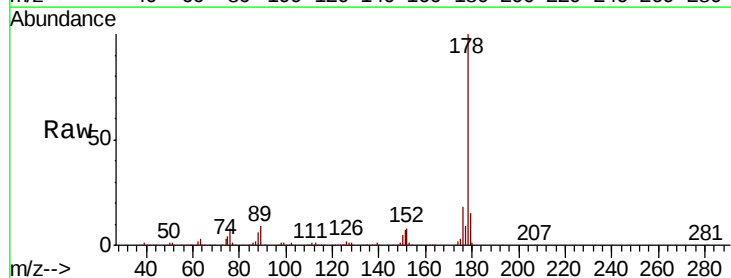
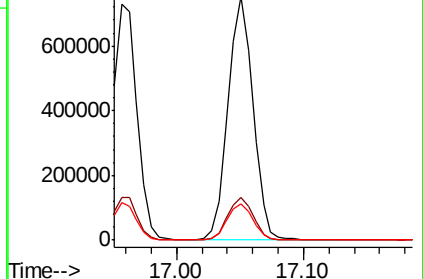
176 17.7 14.3 21.5

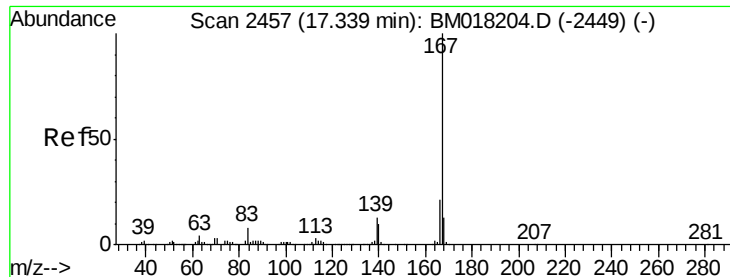
179 14.7 12.0 18.0

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





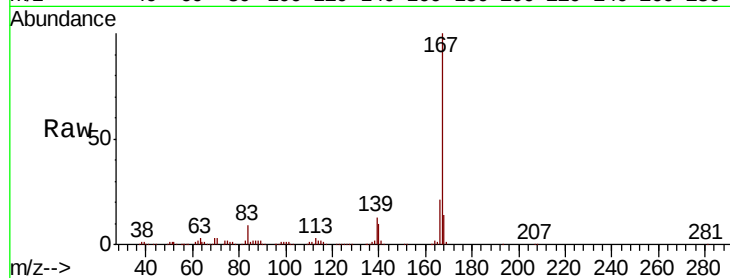
#73
 Carbazole
 Concen: 33.043 ng
 RT: 17.33 min Scan# 2456
 Delta R.T. -0.01 min
 Lab File: BM018233.D
 Acq: 16 Dec 2018 19:07

Instrument :
 BNA_M
 ClientSampleId :
 P001-SD006-0612-01MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.4	16.8	25.2
139	12.6	10.3	15.5

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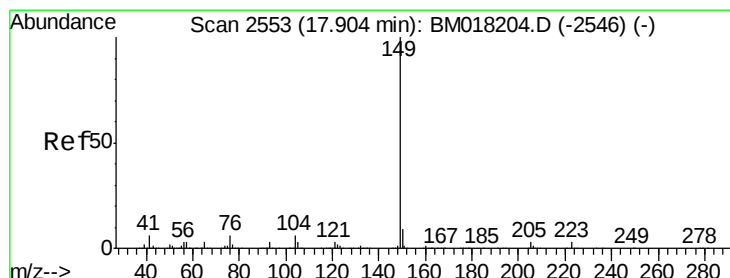
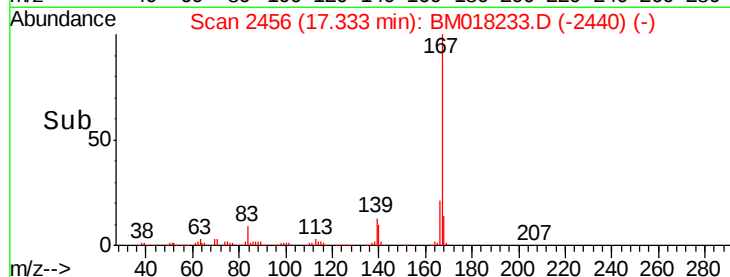
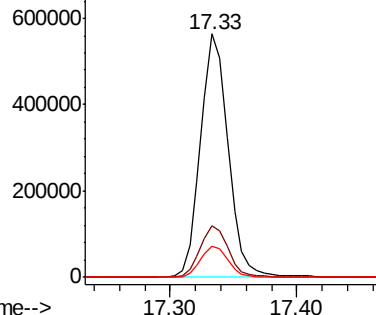


Abundance

Ion 167.00 (166.70 to 167.70): E

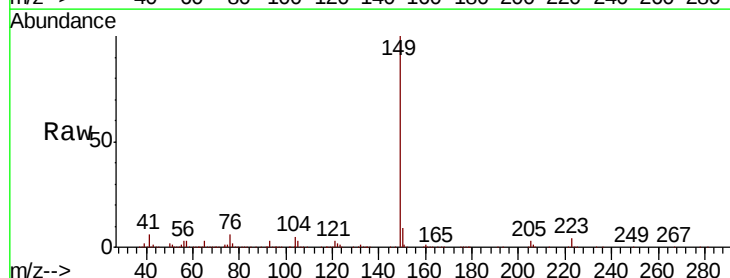
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 33.817 ng
 RT: 17.90 min Scan# 2552
 Delta R.T. -0.01 min
 Lab File: BM018233.D
 Acq: 16 Dec 2018 19:07

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.3	10.9
104	5.4	4.8	7.2

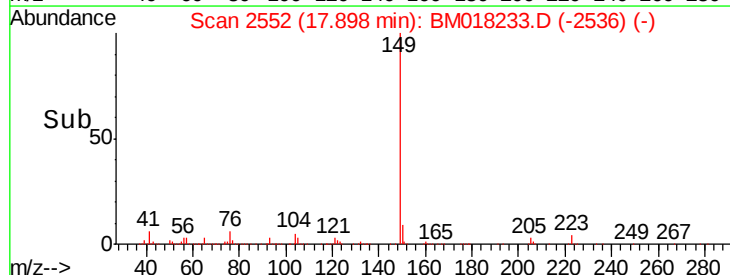
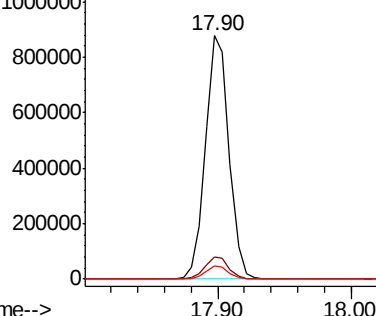


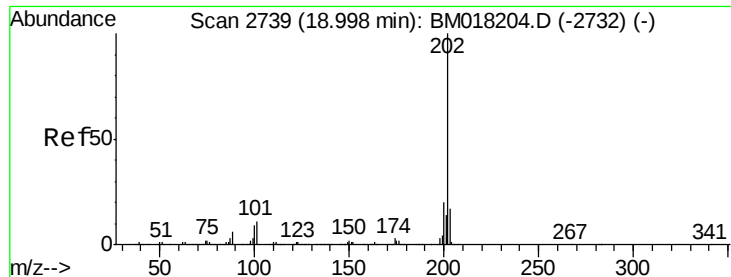
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 34.185 ng

RT: 18.99 min Scan# 2738

Delta R.T. -0.01 min

Lab File: BM018233.D

Acq: 16 Dec 2018 19:07

Instrument :

BNA_M

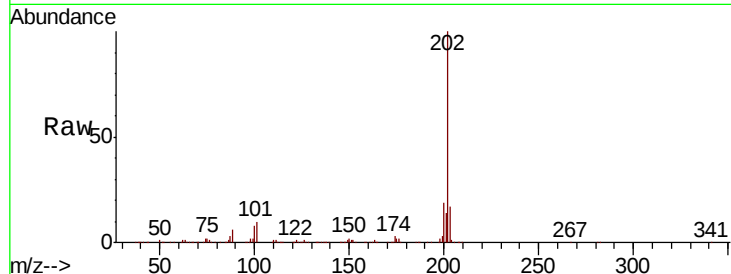
ClientSampleId :

P001-SD006-0612-01MSD

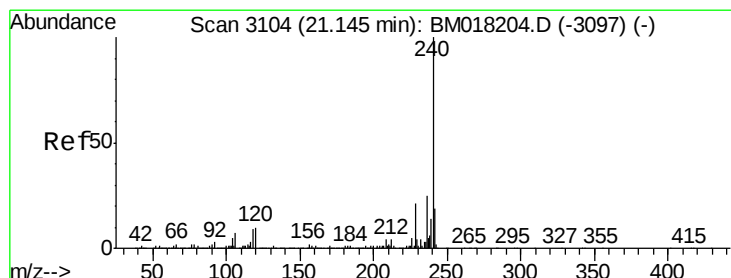
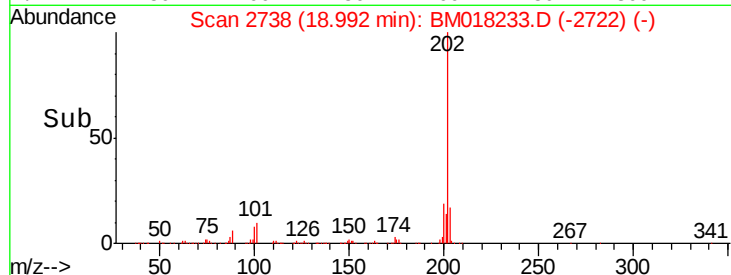
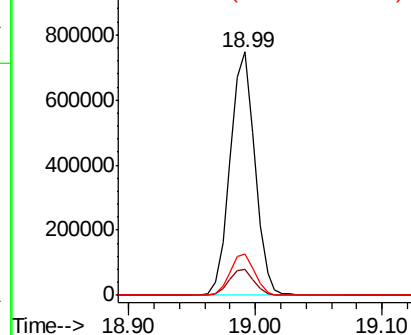
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	10.4	0.0	30.5		
203	17.0	0.0	37.5		

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



#76

Chrysene-d12

Concen: 20.000 ng

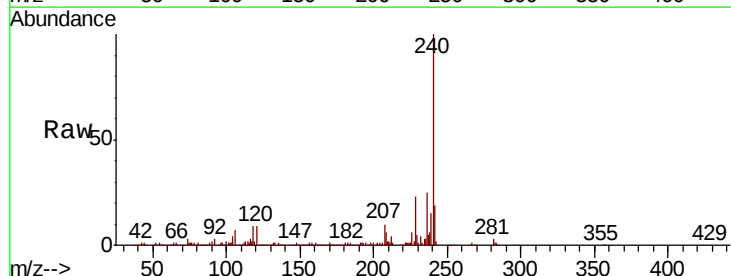
RT: 21.14 min Scan# 3103

Delta R.T. -0.01 min

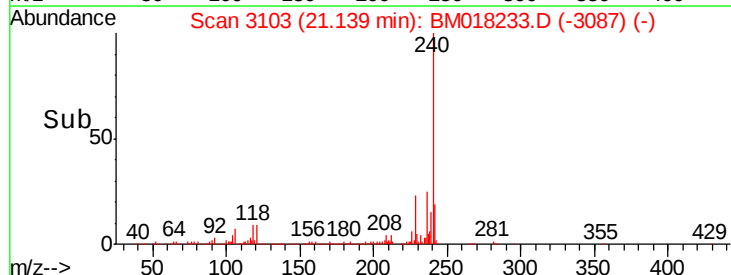
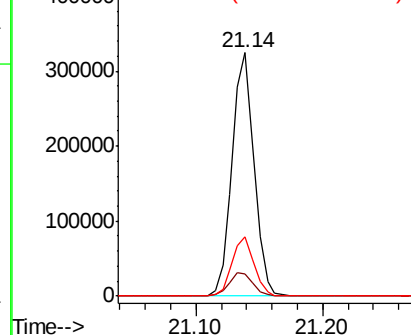
Lab File: BM018233.D

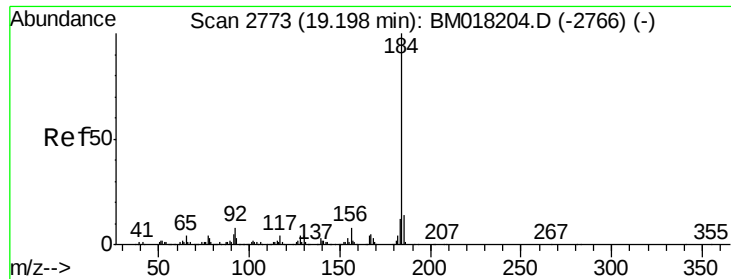
Acq: 16 Dec 2018 19:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100				
120	9.2	8.2	12.2		
236	24.6	20.3	30.5		



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





#77

Benzidine

Concen: 48.342 ng

RT: 19.20 min Scan# 2773

Delta R.T. -0.00 min

Lab File: BM018233.D

Acq: 16 Dec 2018 19:07

Instrument :

BNA_M

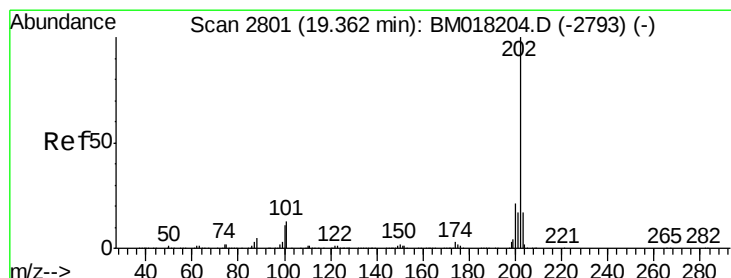
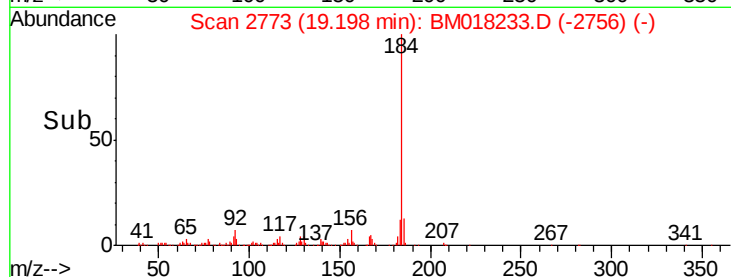
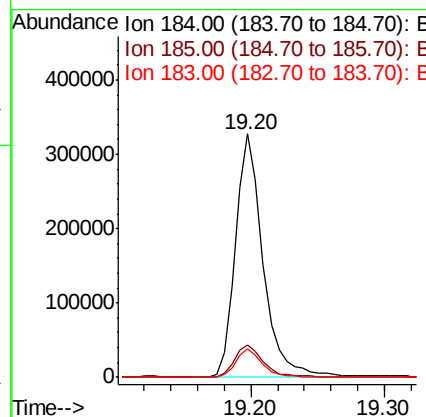
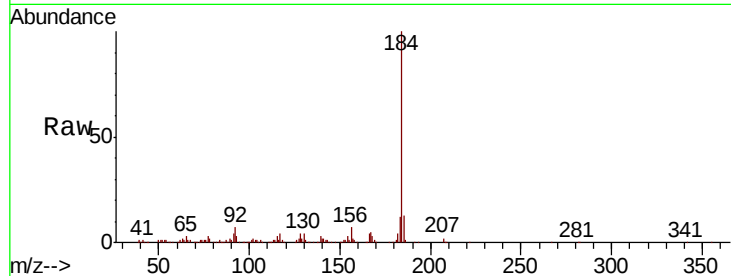
ClientSampleId :

P001-SD006-0612-01MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
184	100				
185	13.3		11.4	17.2	
183	11.7		9.7	14.5	

Manual Integrations
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#78

Pyrene

Concen: 41.985 ng

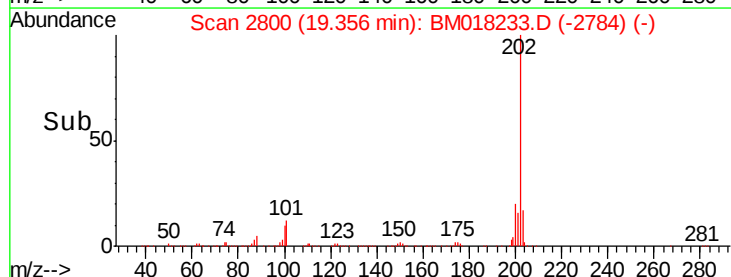
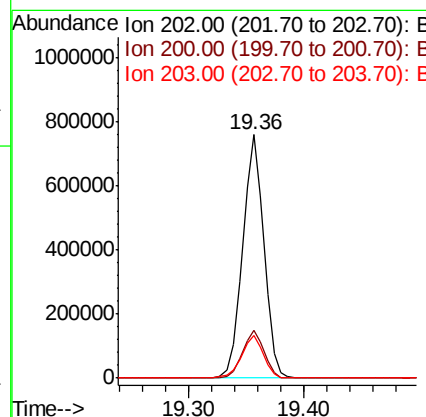
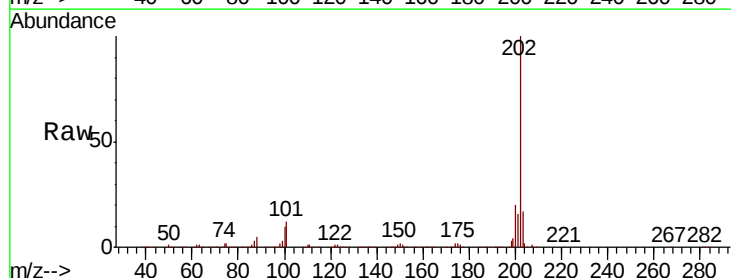
RT: 19.36 min Scan# 2800

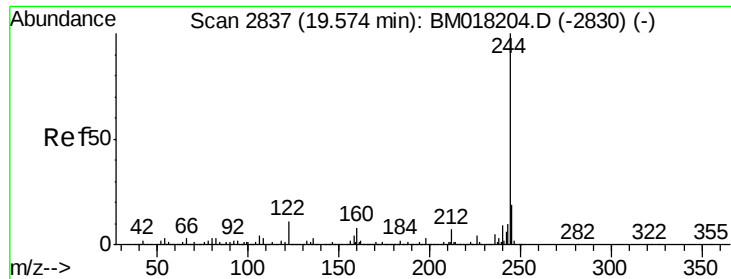
Delta R.T. -0.01 min

Lab File: BM018233.D

Acq: 16 Dec 2018 19:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
200	19.8		16.5	24.7	
203	17.3		14.0	21.0	





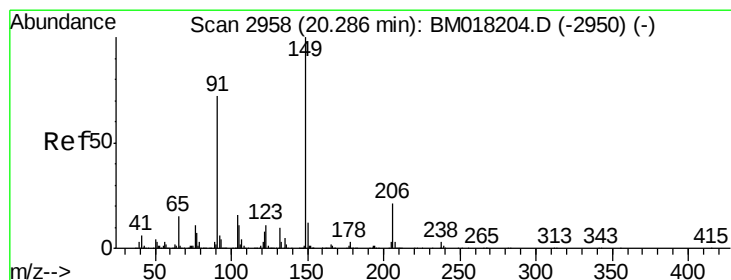
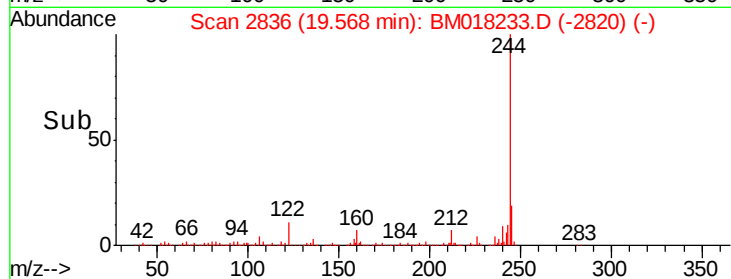
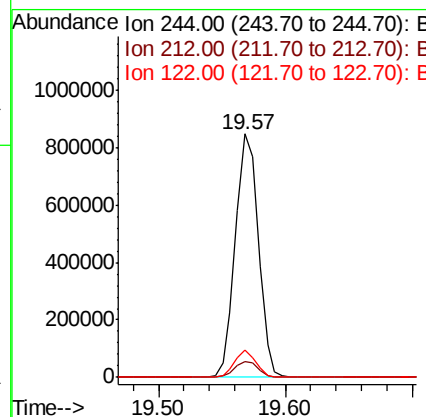
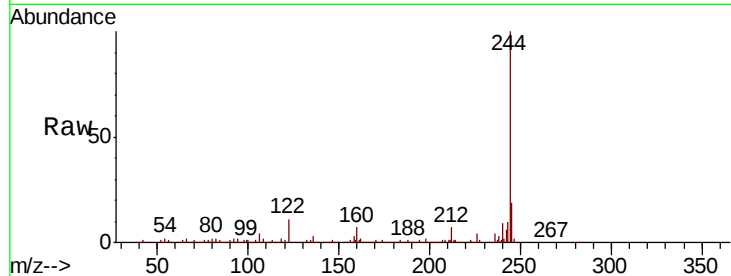
#79
 Terphenyl-d14
 Concen: 62.068 ng
 RT: 19.57 min Scan# 2836
 Delta R.T. -0.01 min
 Lab File: BM018233.D
 Acq: 16 Dec 2018 19:07

Instrument :
 BNA_M
 ClientSampleId :
 P001-SD006-0612-01MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.8	8.8
122	11.0	9.0	13.6

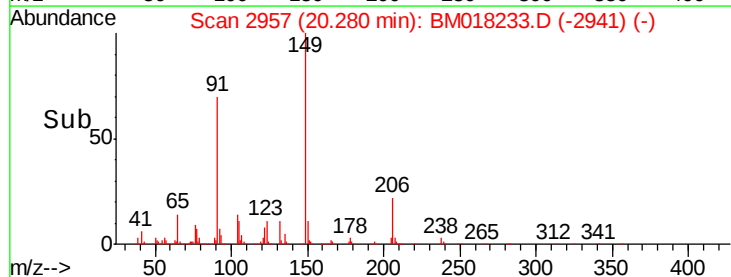
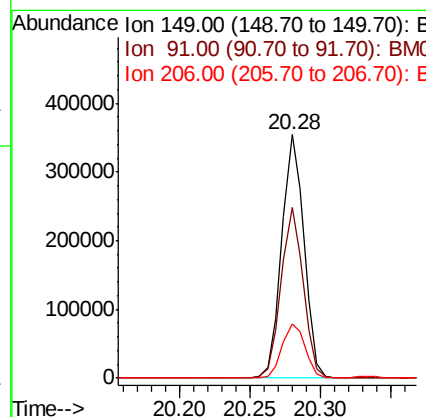
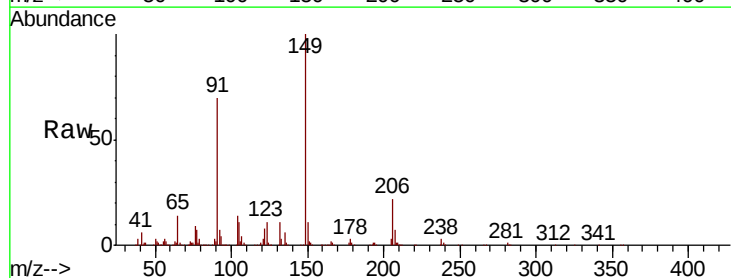
Manual Integrations
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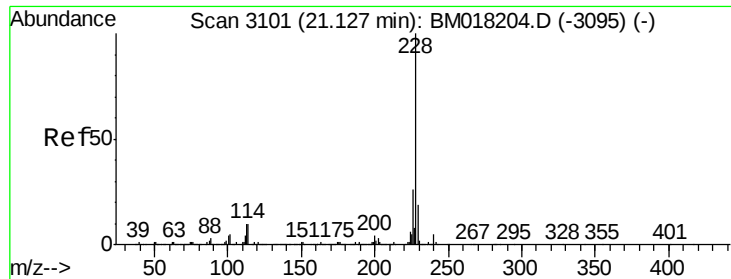
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#80
 Butylbenzylphthalate
 Concen: 35.792 ng
 RT: 20.28 min Scan# 2957
 Delta R.T. -0.01 min
 Lab File: BM018233.D
 Acq: 16 Dec 2018 19:07

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.3	57.4	86.2
206	22.2	17.0	25.4





#81

Benzo(a)anthracene

Concen: 39.156 ng

RT: 21.12 min Scan# 3100

Delta R.T. -0.01 min

Lab File: BM018233.D

Acq: 16 Dec 2018 19:07

Instrument :

BNA_M

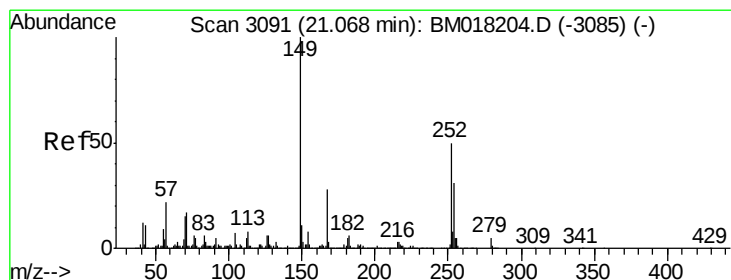
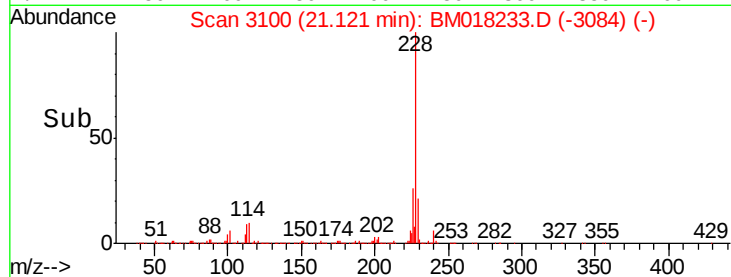
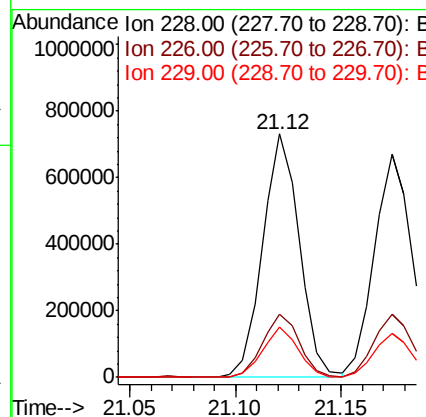
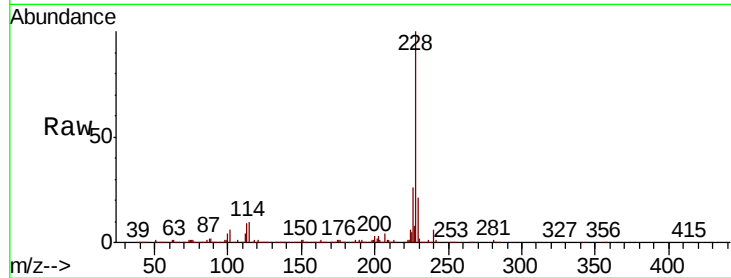
ClientSampleId :

P001-SD006-0612-01MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.1	21.0	31.4
229	20.8	15.5	23.3

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 27.529 ng

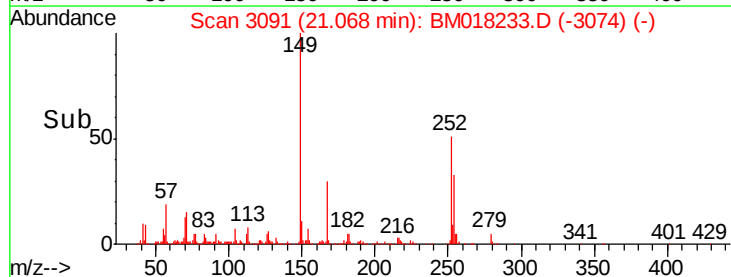
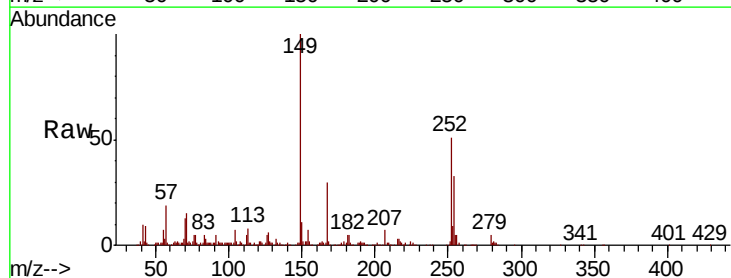
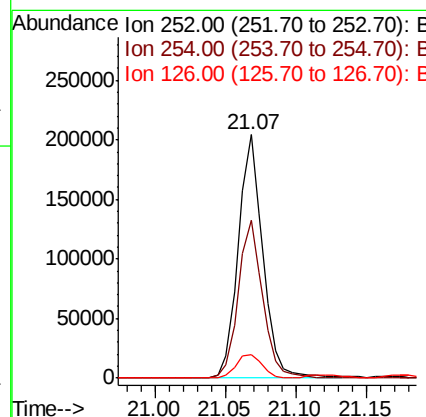
RT: 21.07 min Scan# 3091

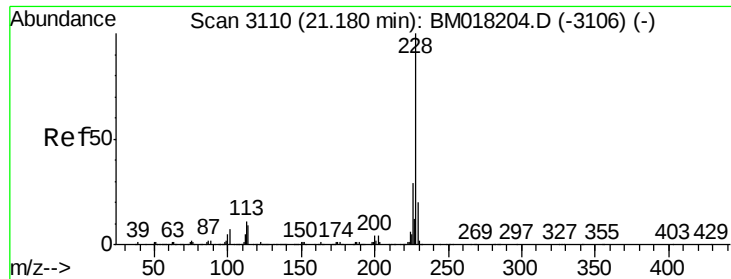
Delta R.T. -0.00 min

Lab File: BM018233.D

Acq: 16 Dec 2018 19:07

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.1	50.4	75.6
126	9.8	9.4	14.0





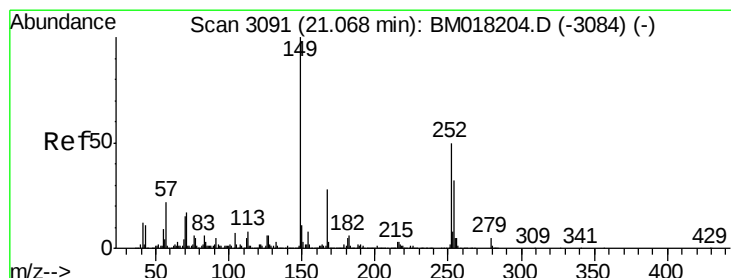
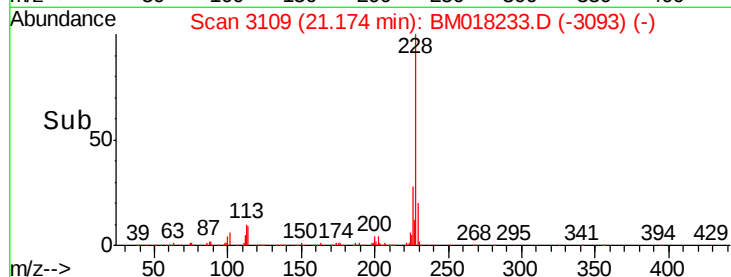
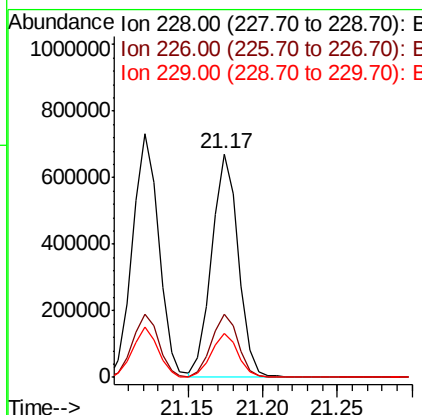
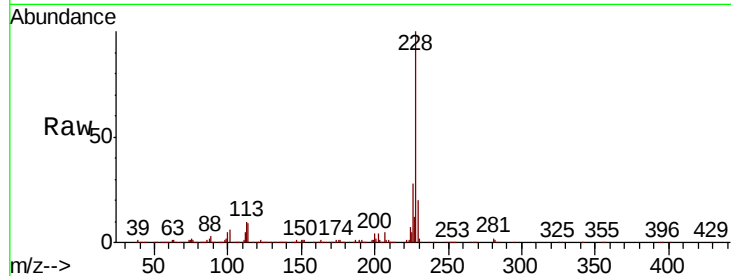
#83
 Chrvsene
 Concen: 38.445 ng
 RT: 21.17 min Scan# 3109
 Delta R.T. -0.01 min
 Lab File: BM018233.D
 Acq: 16 Dec 2018 19:07

Instrument :
 BNA_M
 ClientSampleId :
 P001-SD006-0612-01MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.1	23.1	34.7
229	19.9	15.8	23.6

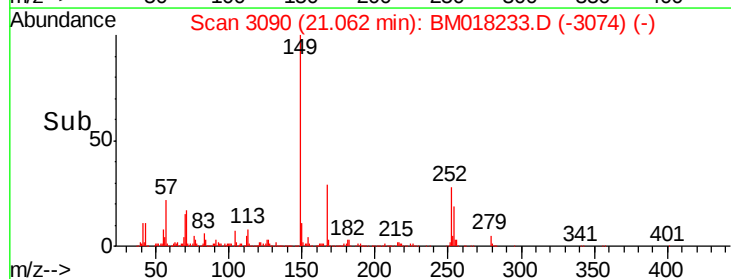
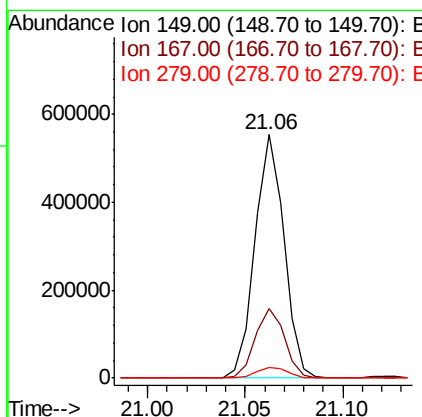
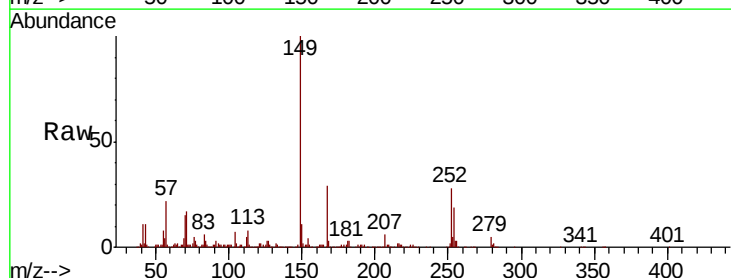
Manual Integrations
 APPROVED

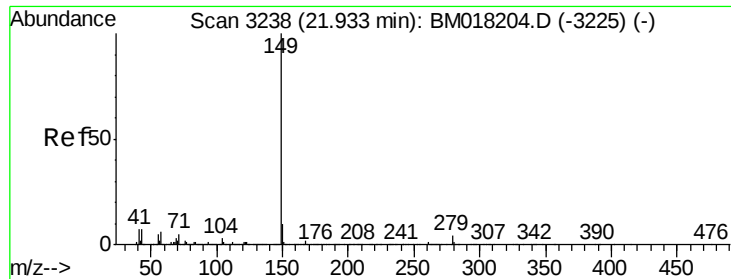
Sohil
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 34.895 ng
 RT: 21.06 min Scan# 3090
 Delta R.T. -0.01 min
 Lab File: BM018233.D
 Acq: 16 Dec 2018 19:07

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.8	22.7	34.1
279	4.6	3.9	5.9





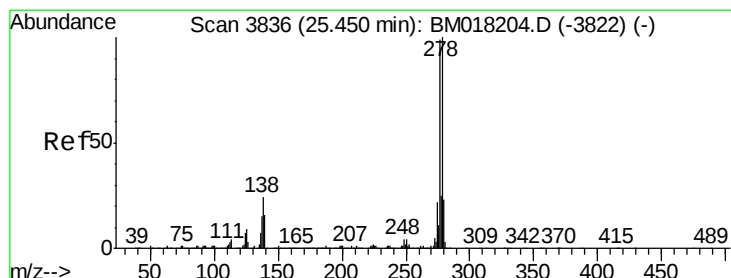
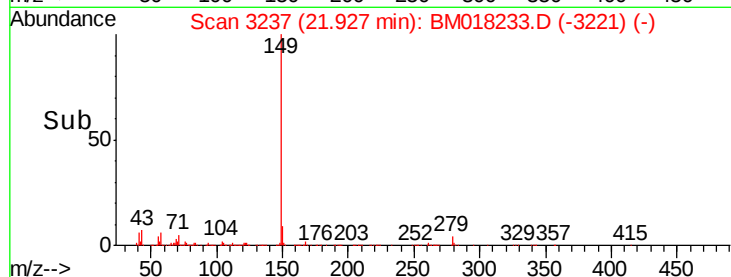
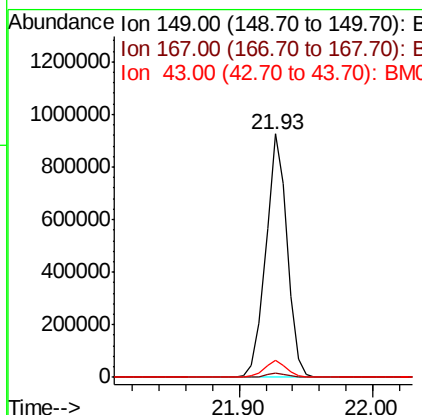
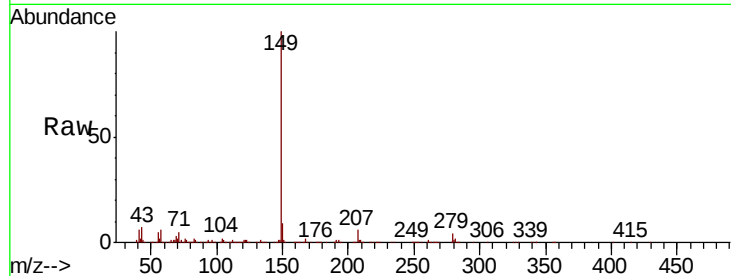
#85
Di-n-octyl phthalate
Concen: 37.967 ng
RT: 21.93 min Scan# 3237
Delta R.T. -0.01 min
Lab File: BM018233.D
Acq: 16 Dec 2018 19:07

Instrument :
BNA_M
ClientSampleId :
P001-SD006-0612-01MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	7.0	6.2	9.4

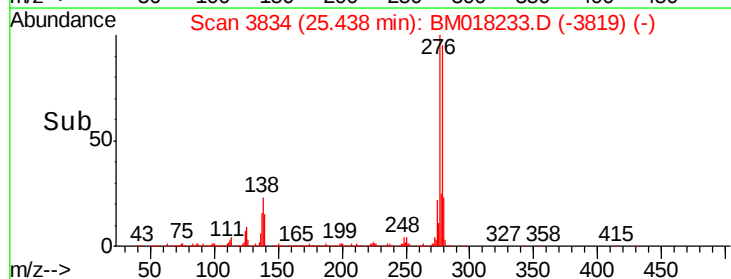
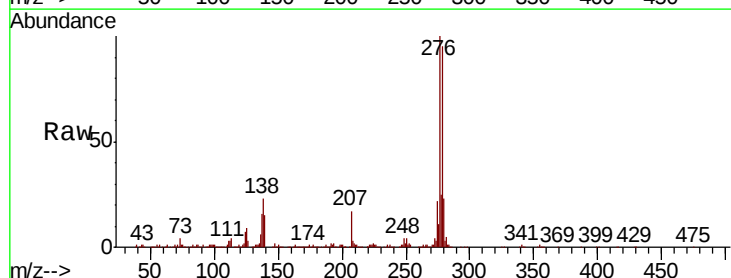
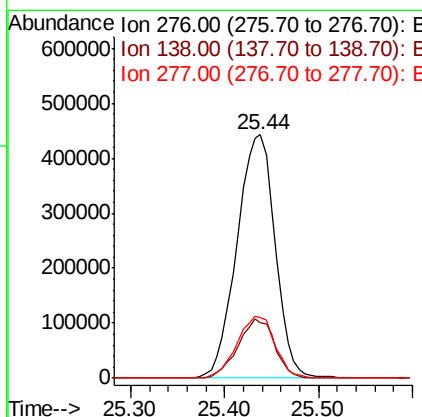
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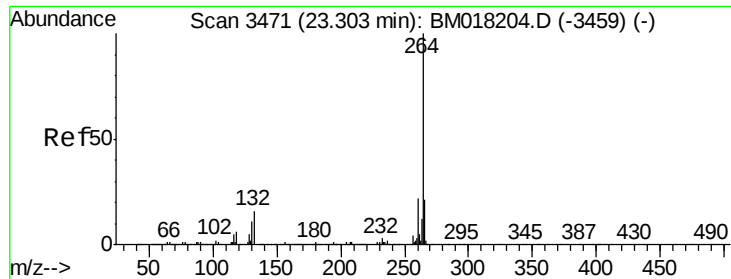
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#86
Indeno(1,2,3-cd)pyrene
Concen: 57.581 ng
RT: 25.44 min Scan# 3834
Delta R.T. -0.01 min
Lab File: BM018233.D
Acq: 16 Dec 2018 19:07

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.4	18.6	28.0
277	25.3	20.3	30.5





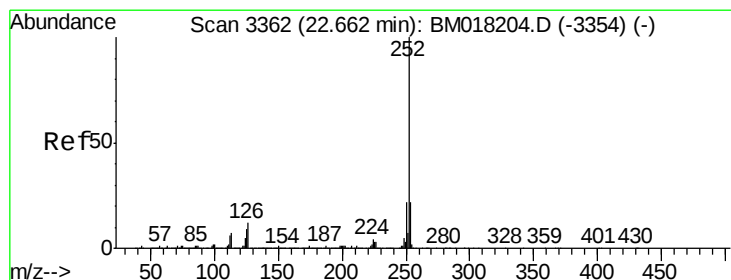
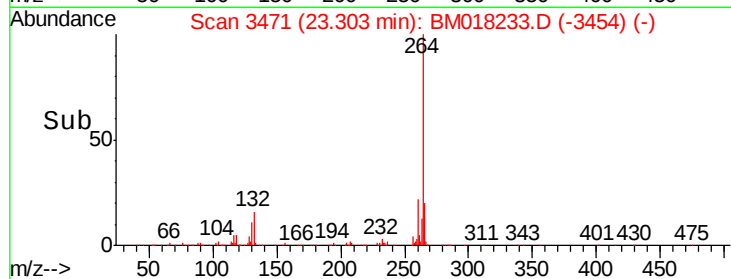
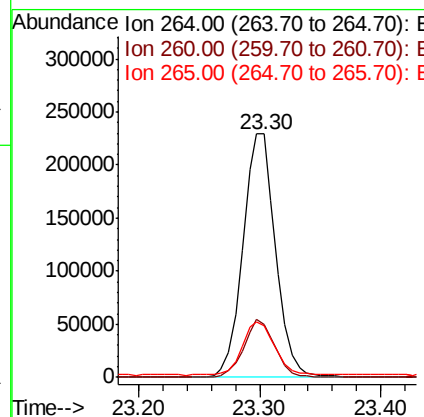
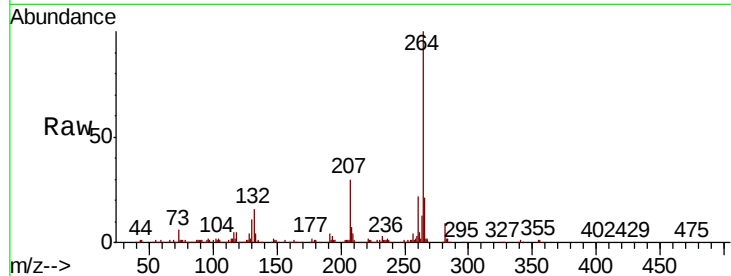
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.30 min Scan# 3471
Delta R.T. -0.00 min
Lab File: BM018233.D
Acq: 16 Dec 2018 19:07

Instrument :
BNA_M
ClientSampleId :
P001-SD006-0612-01MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.7	17.5	26.3
265	21.3	17.3	25.9

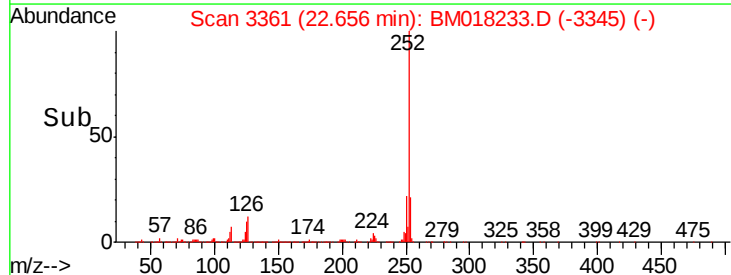
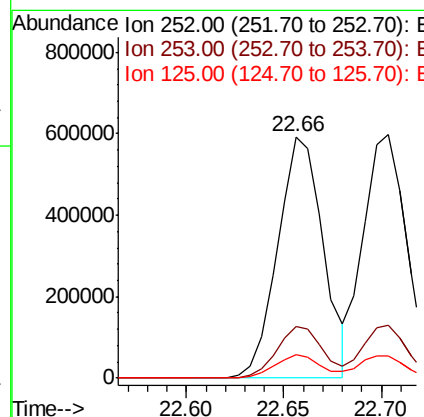
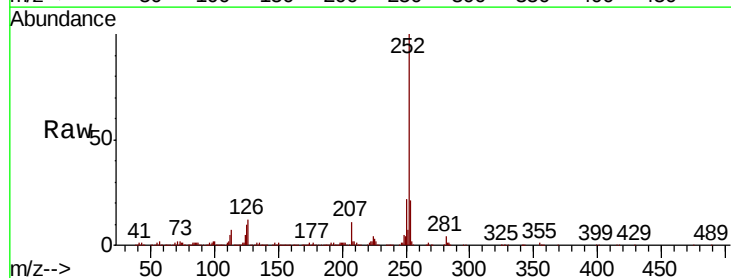
Manual Integrations
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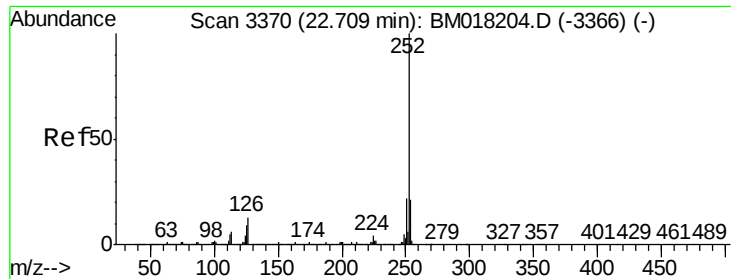
Sohil
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#88
Benzo(b)fluoranthene
Concen: 39.450 ng
RT: 22.66 min Scan# 3361
Delta R.T. -0.01 min
Lab File: BM018233.D
Acq: 16 Dec 2018 19:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.6	26.4
125	9.8	7.4	11.0





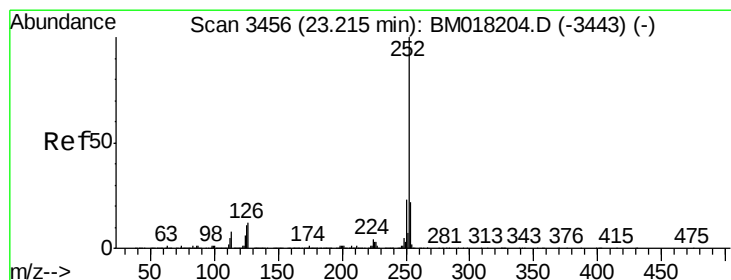
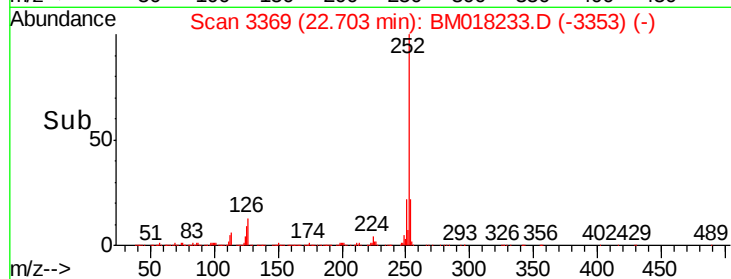
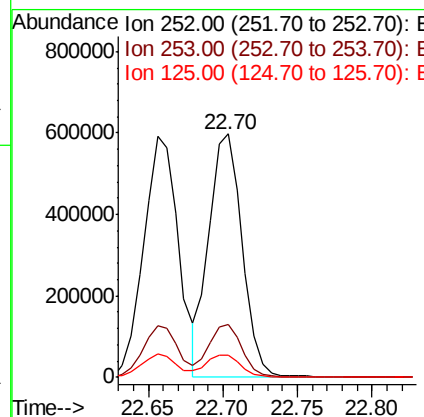
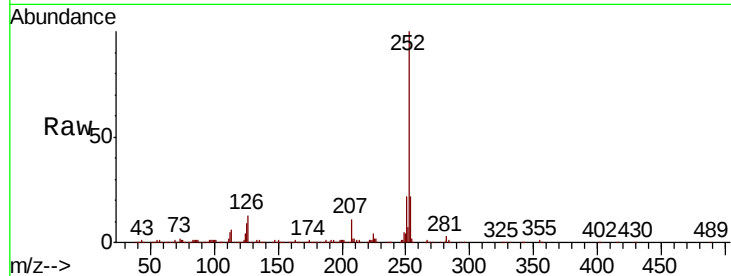
#89
Benzo(k)fluoranthene
Concen: 38.297 ng
RT: 22.70 min Scan# 3369
Delta R.T. -0.01 min
Lab File: BM018233.D
Acq: 16 Dec 2018 19:07

Instrument :
BNA_M
ClientSampleId :
P001-SD006-0612-01MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	16.9	25.3
125	9.0	7.5	11.3

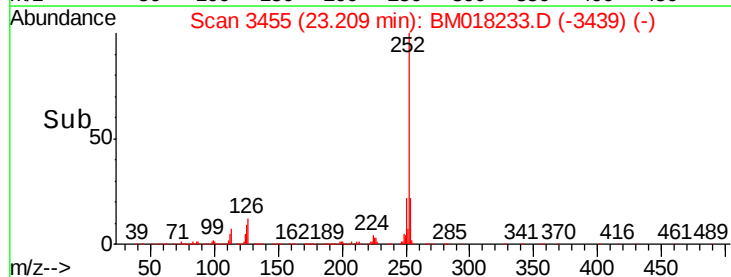
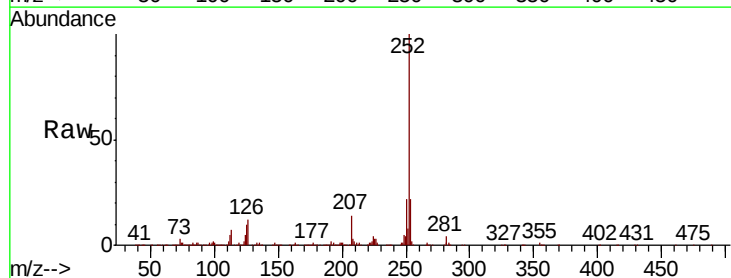
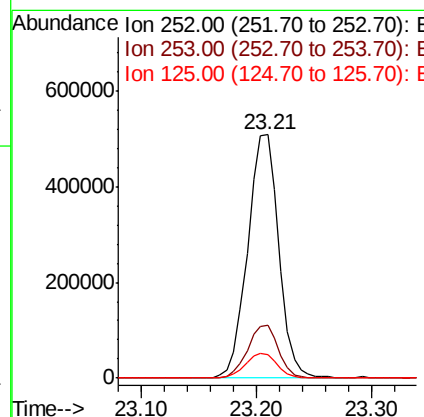
Manual Integrations
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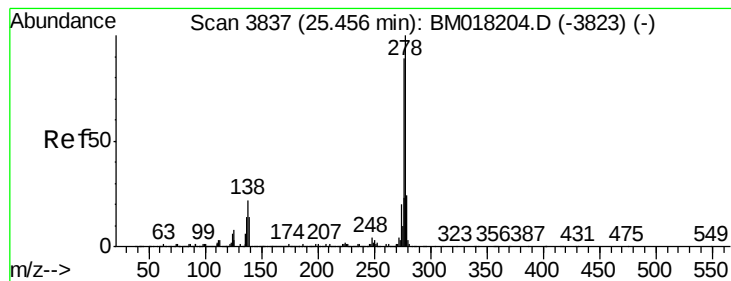
Sohil
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#90
Benzo(a)pyrene
Concen: 41.345 ng
RT: 23.21 min Scan# 3455
Delta R.T. -0.01 min
Lab File: BM018233.D
Acq: 16 Dec 2018 19:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	9.6	8.6	12.8





#91

Dibenzo(a,h)anthracene

Concen: 49.630 ng

RT: 25.44 min Scan# 3835

Delta R.T. -0.01 min

Lab File: BM018233.D

Acq: 16 Dec 2018 19:07

Instrument :

BNA_M

ClientSampleId :

P001-SD006-0612-01MSD

Tot Ion:278 Resp: 1058216

Ion Ratio Lower Upper

278 100

139 15.1 11.6 17.4

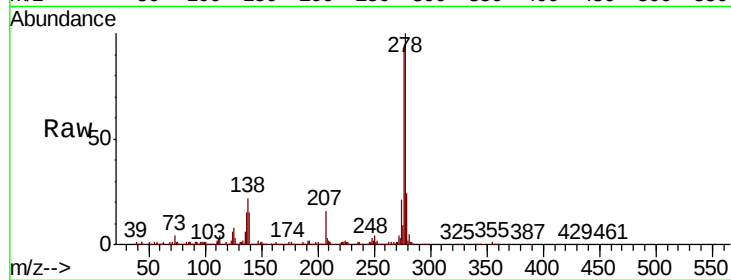
279 24.1 19.2 28.8

Manual Integrations

APPROVED

Sohil

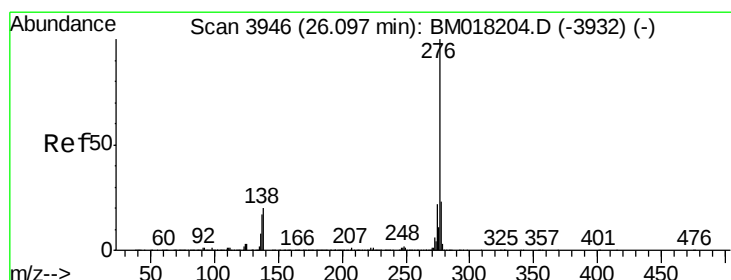
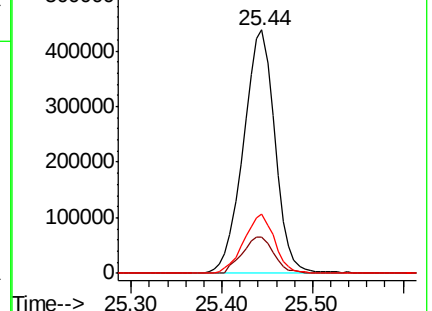
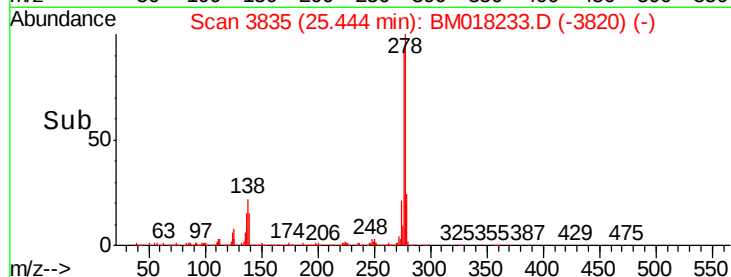
12/17/2018 4:20:57 PM



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 52.894 ng

RT: 26.09 min Scan# 3944

Delta R.T. -0.01 min

Lab File: BM018233.D

Acq: 16 Dec 2018 19:07

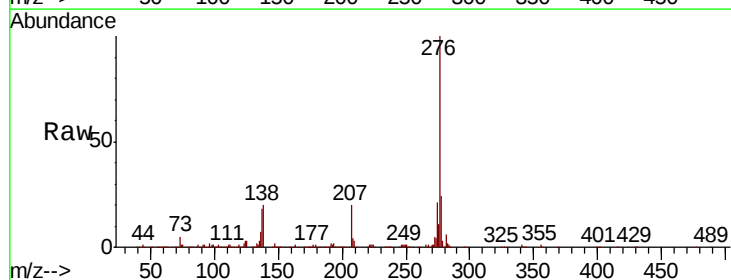
Tgt Ion:276 Resp: 1066098

Ion Ratio Lower Upper

276 100

277 23.6 18.7 28.1

138 20.0 15.8 23.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

