

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121918\
 Data File : BM018292.D
 Acq On : 19 Dec 2018 11:29
 Operator : JU/SJ
 Sample : PB115752BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB115752BS

Manual Integrations
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Sohil
 12/20/2018 2:55:02 PM

Quant Time: Dec 20 13:31:01 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	85651	20.00	ng	-0.02
21) Naphthalene-d8	10.25	136	310074	20.00	ng	-0.02
39) Acenaphthene-d10	14.15	164	152316	20.00	ng	-0.02
64) Phenanthrene-d10	16.90	188	318512	20.00	ng	-0.02
76) Chrysene-d12	21.13	240	370902	20.00	ng	-0.02
87) Perylene-d12	23.29	264	415383	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	706856	137.86	ng	0.00
7) Phenol-d6	6.69	99	895726	125.69	ng	-0.01
23) Nitrobenzene-d5	8.65	82	476964	78.90	ng	-0.02
42) 2,4,6-Tribromophenol	15.65	330	286647	128.22	ng	-0.02
45) 2-Fluorobiphenyl	12.75	172	897805	76.35	ng	-0.02
79) Terphenyl-d14	19.56	244	1288978	78.60	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.12	88	92531	45.557	ng	97
3) Pyridine	3.50	79	259450	43.421	ng	99
4) n-Nitrosodimethylamine	3.42	42	101660	49.429	ng	99
6) Aniline	6.83	93	273703	30.615	ng	99
8) 2-Chlorophenol	7.06	128	239617	39.554	ng	97
9) Benzaldehyde	6.65	77	80842	18.611	ng	85
10) Phenol	6.72	94	302712	40.108	ng	95
11) bis(2-Chloroethyl)ether	6.93	93	226484	37.758	ng	98
12) 1,3-Dichlorobenzene	7.37	146	260146	38.456	ng	96
13) 1,4-Dichlorobenzene	7.52	146	269614	39.248	ng	99
14) 1,2-Dichlorobenzene	7.83	146	257139	38.830	ng	99
15) Benzyl Alcohol	7.74	79	227552	39.186	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.02	45	184945	34.262	ng	90
17) 2-Methylphenol	7.95	107	195493	38.792	ng	96
18) Hexachloroethane	8.53	117	101361	40.257	ng	93
19) n-Nitroso-di-n-propylamine	8.29	70	188596	35.443	ng	98
20) 3+4-Methylphenols	8.28	107	258997	36.677	ng	98
22) Acetophenone	8.31	105	351003	42.776	ng	# 99
24) Nitrobenzene	8.69	77	277646	45.966	ng	98
25) Isophorone	9.20	82	466049	46.307	ng	98
26) 2-Nitrophenol	9.39	139	117926	39.805	ng	93
27) 2,4-Dimethylphenol	9.46	122	203090	47.566	ng	100
28) bis(2-Chloroethoxy)methane	9.69	93	281136	42.854	ng	98
29) 2,4-Dichlorophenol	9.92	162	200283	42.308	ng	98
30) 1,2,4-Trichlorobenzene	10.12	180	225695	41.914	ng	95
31) Naphthalene	10.30	128	674424	44.482	ng	99
32) Benzoic acid	9.62	122	132404m	32.749	ng	
33) 4-Chloroaniline	10.44	127	135610	20.419	ng	96
34) Hexachlorobutadiene	10.57	225	141578	41.572	ng	98
35) Caprolactam	11.23	113	58447m	32.401	ng	
36) 4-Chloro-3-methylphenol	11.57	107	216902	38.131	ng	96
37) 2-Methylnaphthalene	11.93	142	465484	43.534	ng	97
38) 1-Methylnaphthalene	12.15	142	441849	42.349	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.30	216	238831	45.598	ng	99

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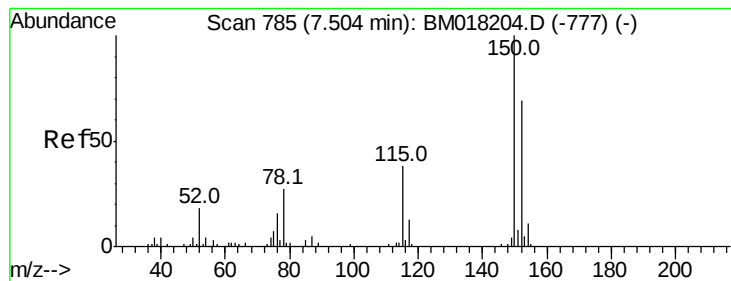
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.27	237	238109	101.403	nq	99
43) 2,4,6-Trichlorophenol	12.56	196	148239	44.004	nq	96
44) 2,4,5-Trichlorophenol	12.64	196	153521	42.926	nq	94
46) 1,1'-Biphenyl	12.96	154	568493	41.487	nq	99
47) 2-Chloronaphthalene	13.00	162	441918	43.817	nq	99
48) 2-Nitroaniline	13.24	65	138615	44.616	nq	98
49) Acenaphthylene	13.86	152	701537	46.158	nq	99
50) Dimethylphthalate	13.62	163	519730	41.043	nq	99
51) 2,6-Dinitrotoluene	13.75	165	114681	41.197	nq	89
52) Acenaphthene	14.21	154	401063	43.179	nq	100
53) 3-Nitroaniline	14.08	138	78321	26.735	nq	93
54) 2,4-Dinitrophenol	14.30	184	104413	67.995	nq	# 88
55) Dibenzofuran	14.55	168	639465	42.846	nq	99
56) 4-Nitrophenol	14.42	139	176652	79.534	nq	90
57) 2,4-Dinitrotoluene	14.55	165	157117	40.833	nq	# 86
58) Fluorene	15.20	166	512087	44.424	nq	97
59) 2,3,4,6-Tetrachlorophenol	14.79	232	138765	43.082	nq	# 97
60) Diethylphthalate	14.99	149	524829	38.405	nq	98
61) 4-Chlorophenyl-phenylether	15.20	204	259808	39.852	nq	98
62) 4-Nitroaniline	15.26	138	106296	38.240	nq	82
63) Azobenzene	15.50	77	556383	44.651	nq	96
65) 4,6-Dinitro-2-methylphenol	15.32	198	70493	30.063	nq	92
66) n-Nitrosodiphenylamine	15.43	169	437264	41.515	nq	97
67) 4-Bromophenyl-phenylether	16.10	248	158936	41.202	nq	98
68) Hexachlorobenzene	16.21	284	175385	41.502	nq	98
69) Atrazine	16.40	200	158337	44.530	nq	96
70) Pentachlorophenol	16.56	266	203185	72.801	nq	99
71) Phenanthrene	16.95	178	773750	44.723	nq	100
72) Anthracene	17.04	178	801920	46.722	nq	99
73) Carbazole	17.33	167	705791	40.064	nq	99
74) Di-n-butylphthalate	17.89	149	869065	39.981	nq	99
75) Fluoranthene	18.98	202	912308	45.355	nq	99
77) Benzidine	19.19	184	476536	50.666	nq	98
78) Pyrene	19.35	202	940920	42.575	nq	99
80) Butylbenzylphthalate	20.27	149	413015	39.283	nq	93
81) Benzo(a)anthracene	21.12	228	972532	44.887	nq	100
82) 3,3'-Dichlorobenzidine	21.06	252	318021	36.741	nq	99
83) Chrysene	21.17	228	915208	43.917	nq	98
84) Bis(2-ethylhexyl)phthalate	21.05	149	610726	38.976	nq	97
85) Di-n-octyl phthalate	21.92	149	1085397	42.296	nq	99
86) Indeno(1,2,3-cd)pyrene	25.41	276	1283437	61.826	nq	99
88) Benzo(b)fluoranthene	22.64	252	1052063	45.089	nq	98
89) Benzo(k)fluoranthene	22.69	252	997113	42.910	nq	99
90) Benzo(a)pyrene	23.19	252	1040348	46.880	nq	99
91) Dibenzo(a,h)anthracene	25.42	278	1094751	53.255	nq	99
92) Benzo(g,h,i)perylene	26.06	276	1065930	54.854	nq	99

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



#1

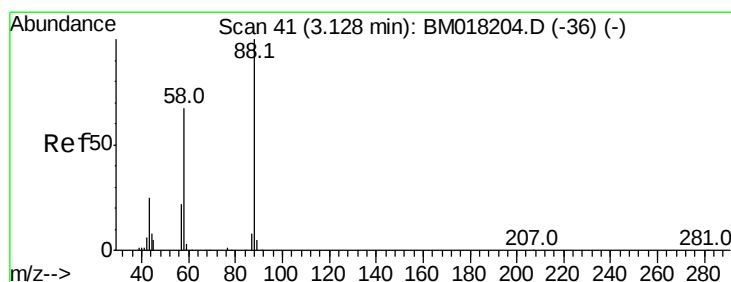
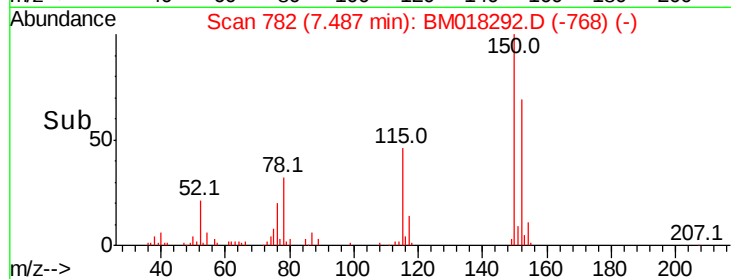
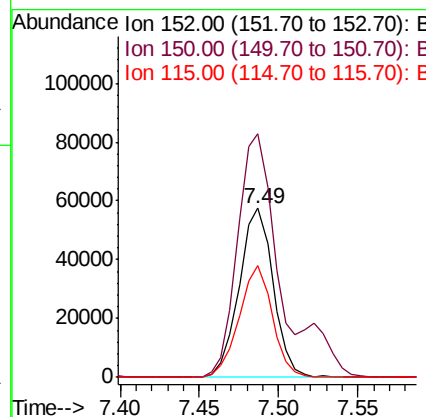
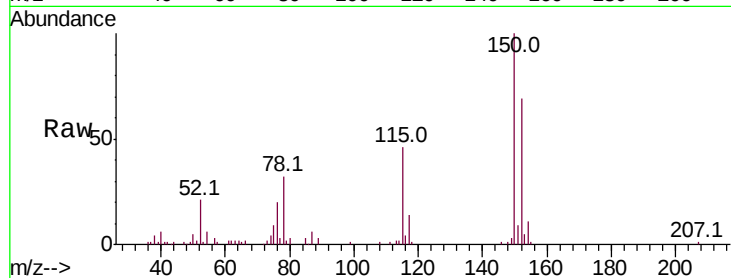
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 782
Delta R.T. -0.02 min
Lab File: BM018292.D
Acq: 19 Dec 2018 11:29

Instrument :
BNA_M
ClientSampleId :
PB115752BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	143.9	116.1	174.1
115	65.9	44.6	67.0

Manual Integrations
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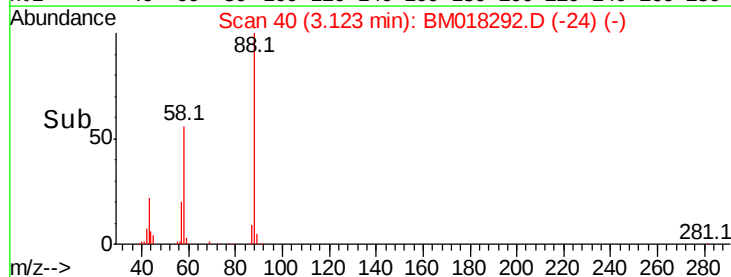
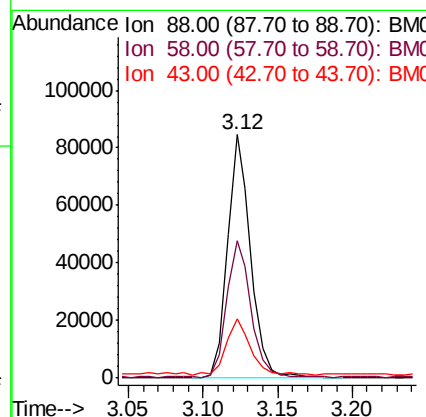
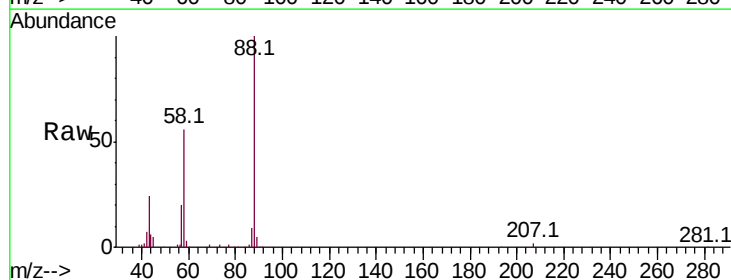
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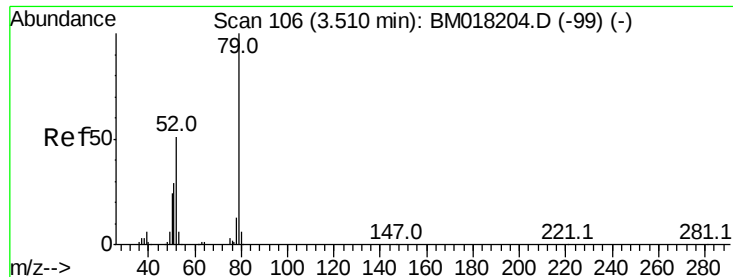


#2

1,4-Dioxane
Concen: 45.557 ng
RT: 3.12 min Scan# 40
Delta R.T. -0.01 min
Lab File: BM018292.D
Acq: 19 Dec 2018 11:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	60.2	49.8	74.6
43	25.5	19.1	28.7





#3

Pvridine

Concen: 43.421 ng

RT: 3.50 min Scan# 104

Delta R.T. -0.01 min

Lab File: BM018292.D

Acq: 19 Dec 2018 11:29

Instrument :

BNA_M

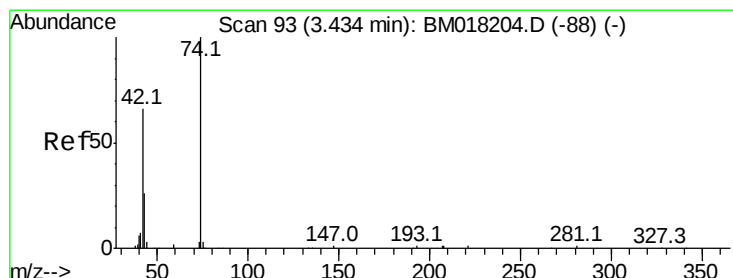
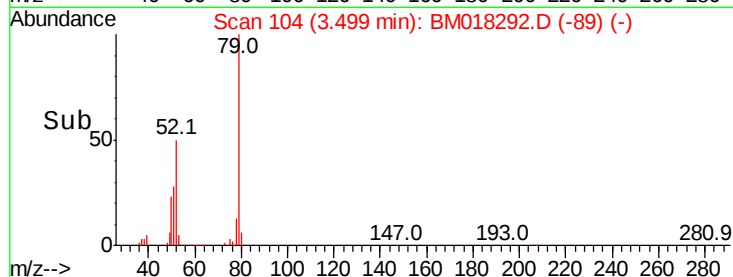
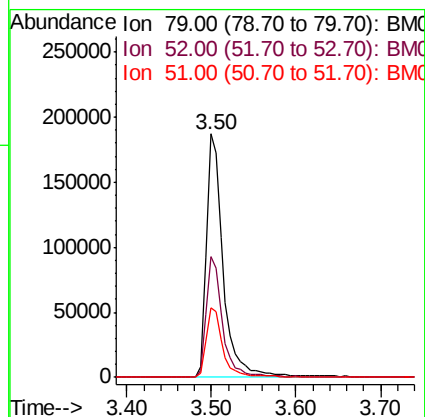
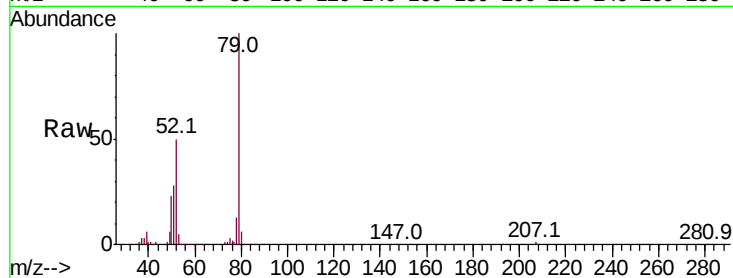
ClientSampleId :

PB115752BS

Tot Ion:	79	Resp:	259450
Ion Ratio	Lower	Upper	
79	100		
52	49.8	40.7	61.1
51	28.5	23.0	34.6

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 49.429 ng

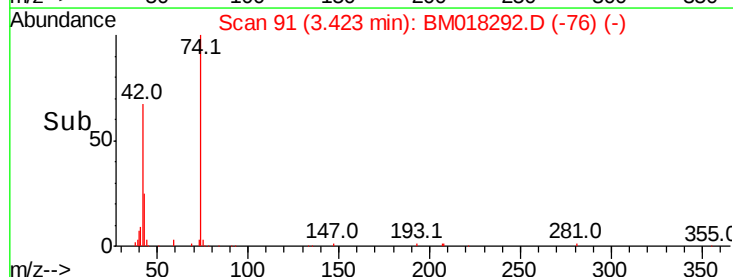
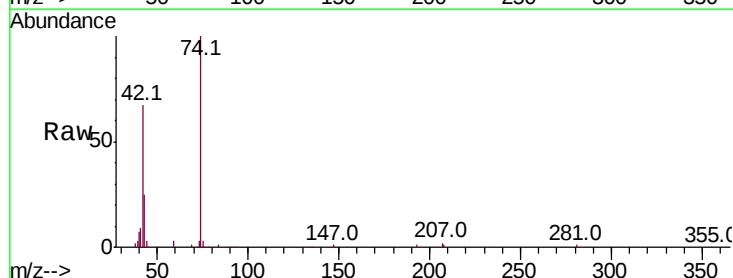
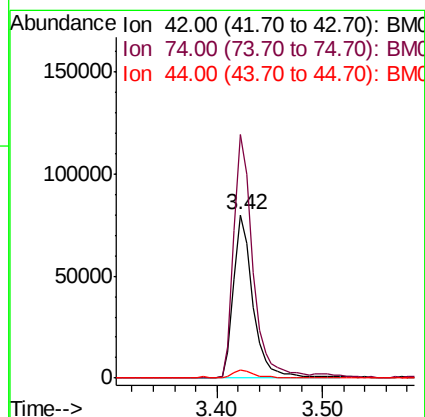
RT: 3.42 min Scan# 91

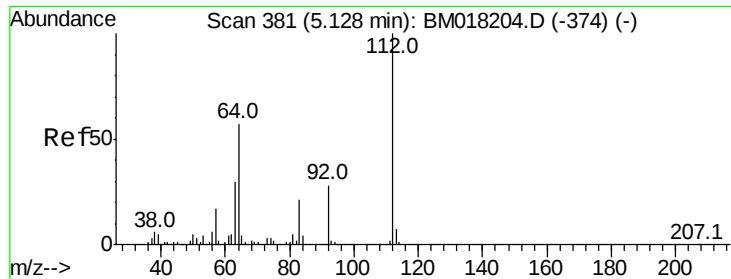
Delta R.T. -0.01 min

Lab File: BM018292.D

Acq: 19 Dec 2018 11:29

Tgt Ion:	42	Resp:	101660
Ion Ratio	Lower	Upper	
42	100		
74	148.9	120.4	180.6
44	4.7	4.6	7.0





#5

2-Fluorophenol

Concen: 137.861 ng

RT: 5.12 min Scan# 380

Delta R.T. -0.01 min

Lab File: BM018292.D

Acq: 19 Dec 2018 11:29

Instrument :

BNA_M

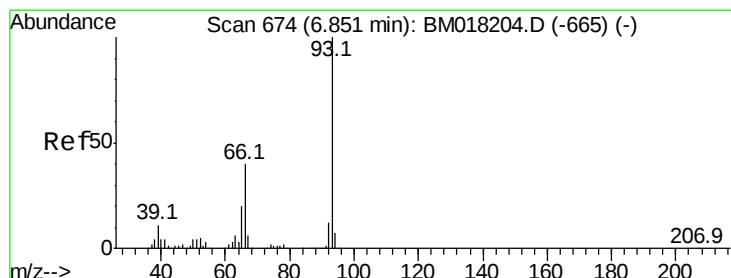
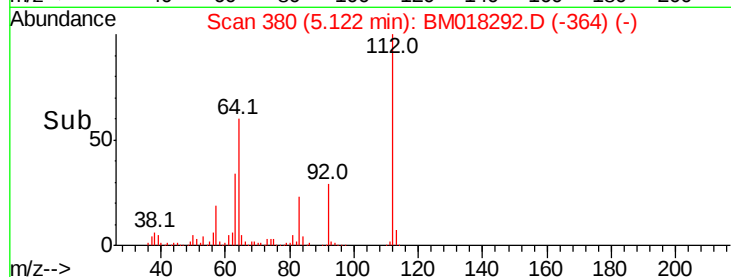
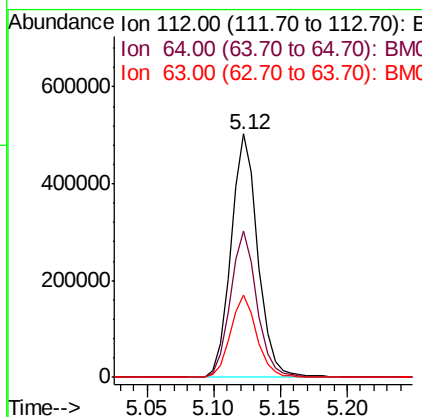
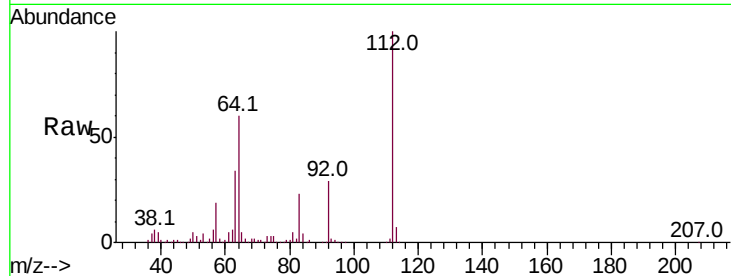
ClientSampleId :

PB115752BS

Tot Ion:	112	Resp:	706856
Ion Ratio	Lower	Upper	
112	100		
64	60.0	45.4	68.2
63	33.6	24.0	36.0

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#6

Aniline

Concen: 30.615 ng

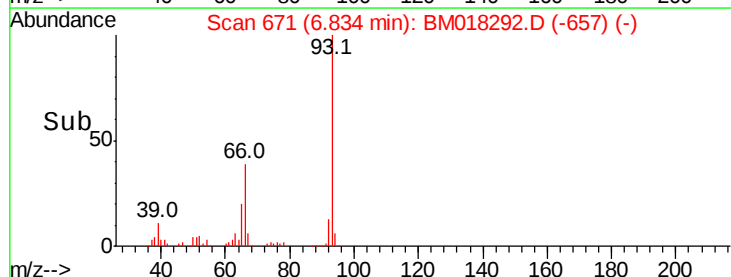
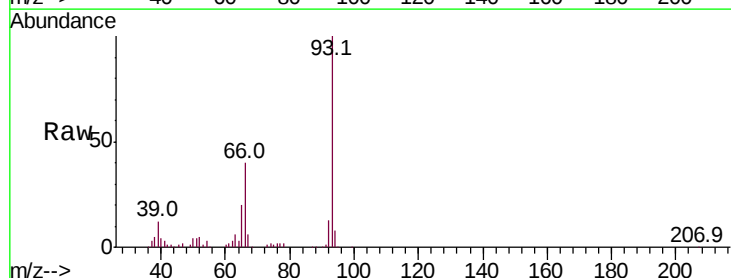
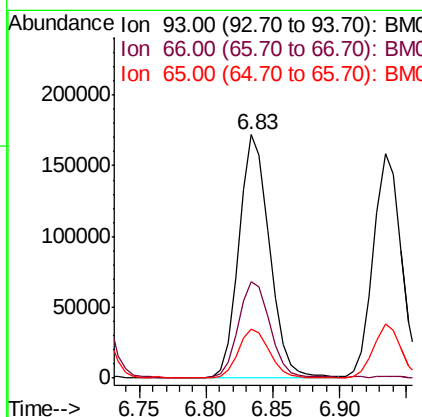
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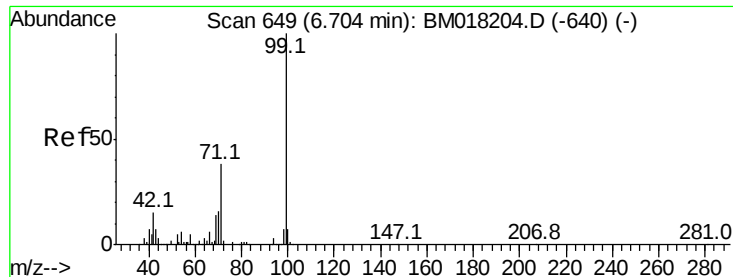
Delta R.T. -0.02 min

Lab File: BM018292.D

Acq: 19 Dec 2018 11:29

Tgt Ion:	93	Resp:	273703
Ion Ratio	Lower	Upper	
93	100		
66	39.7	32.3	48.5
65	20.0	16.2	24.4





#7

Phenol-d6

Concen: 125.688 ng

RT: 6.69 min Scan# 647

Delta R.T. -0.01 min

Lab File: BM018292.D

Acq: 19 Dec 2018 11:29

Instrument :

BNA_M

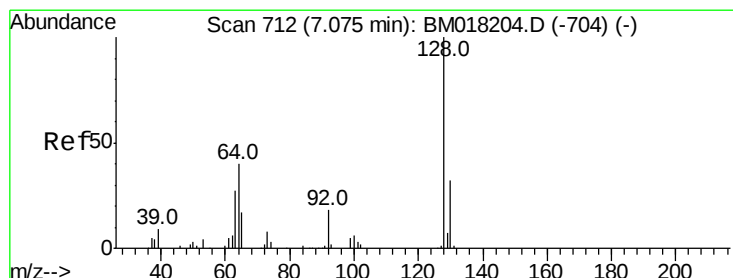
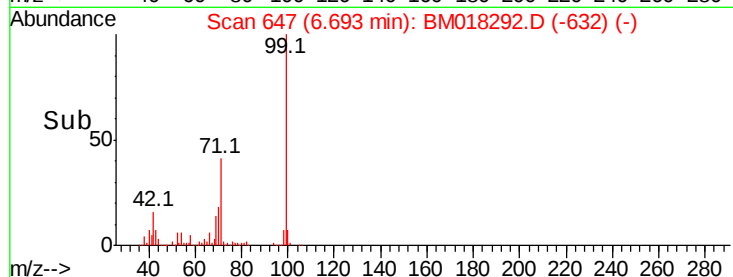
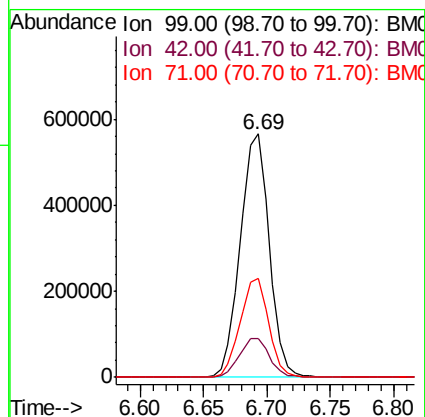
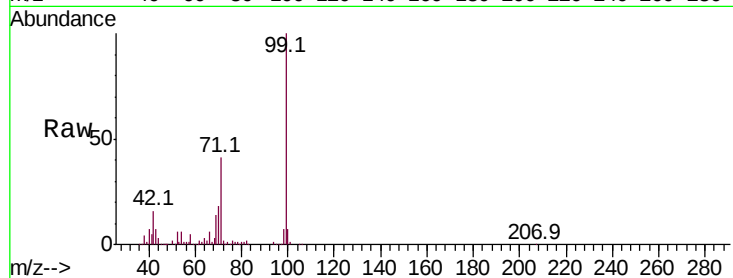
ClientSampleId :

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Tot Ion:	99	Resp:	895726
Ion Ratio	Lower	Upper	
99	100		
42	16.1	12.3	18.5
71	40.9	30.2	45.2

Manual Integrations
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#8

2-Chlorophenol

Concen: 39.554 ng

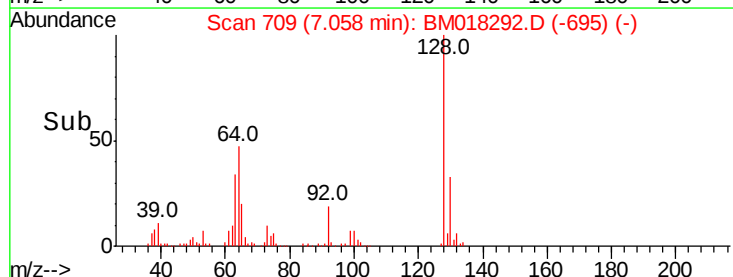
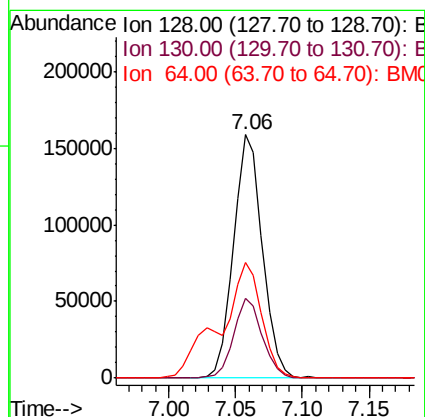
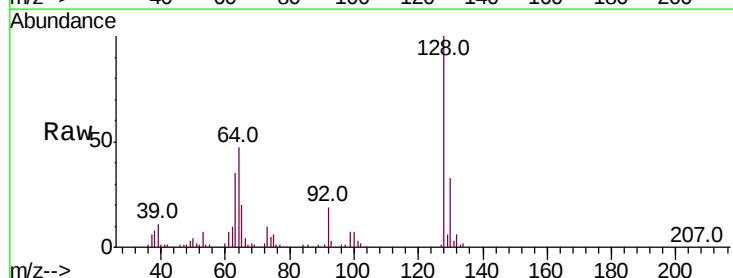
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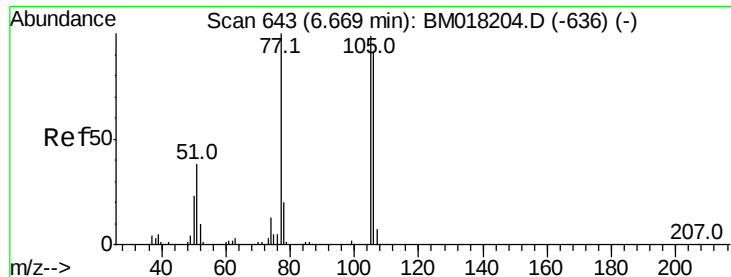
Delta R.T. -0.02 min

Lab File: BM018292.D

Acq: 19 Dec 2018 11:29

Tgt Ion:	128	Resp:	239617
Ion Ratio	Lower	Upper	
128	100		
130	32.8	12.3	52.3
64	47.5	24.1	64.1





#9

Benzaldehyde

Concen: 18.611 ng

RT: 6.65 min Scan# 640

Delta R.T. -0.02 min

Lab File: BM018292.D

Acq: 19 Dec 2018 11:29

Instrument :

BNA_M

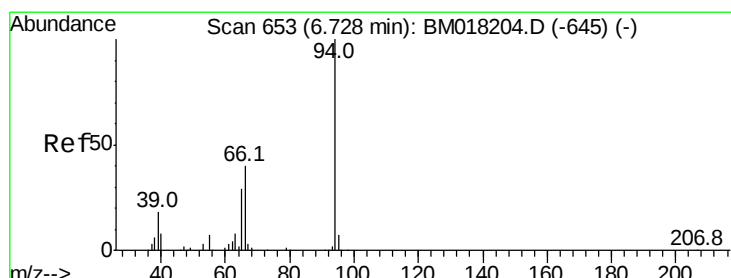
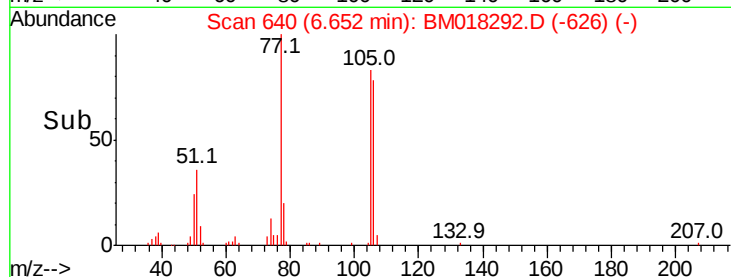
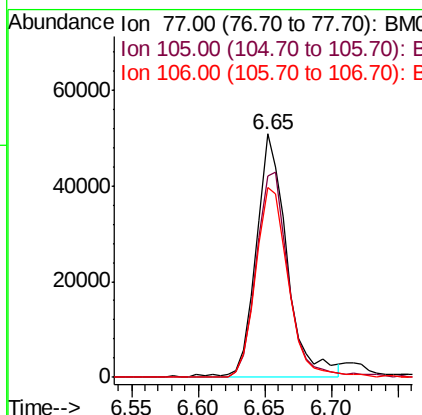
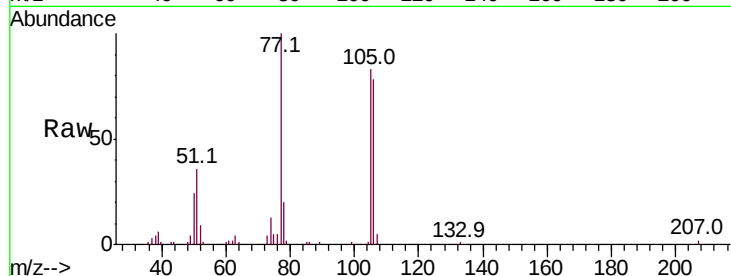
ClientSampleId :

PB115752BS

Tot Ion:	77	Resp:	80842
Ion Ratio	Lower	Upper	
77	100		
105	82.6	78.8	118.8
106	78.0	70.7	110.7

Manual Integrations
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#10

Phenol

Concen: 40.108 ng

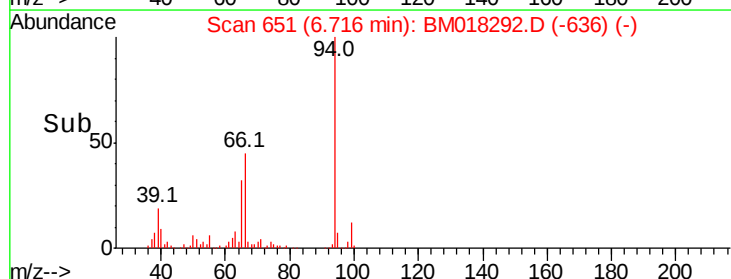
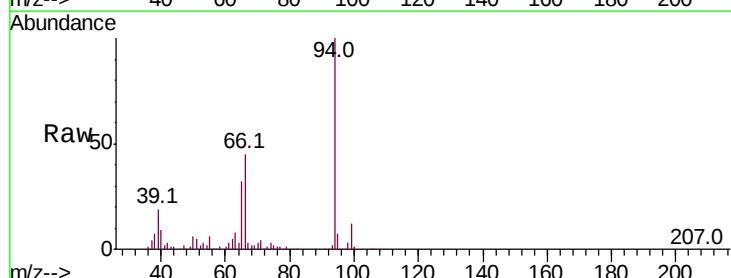
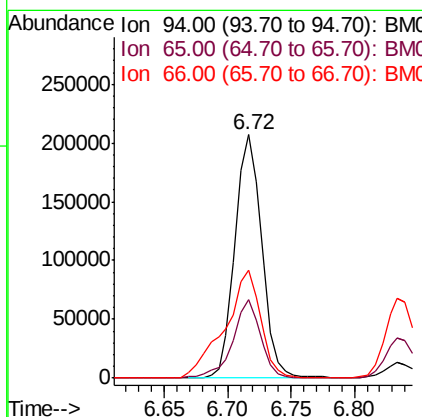
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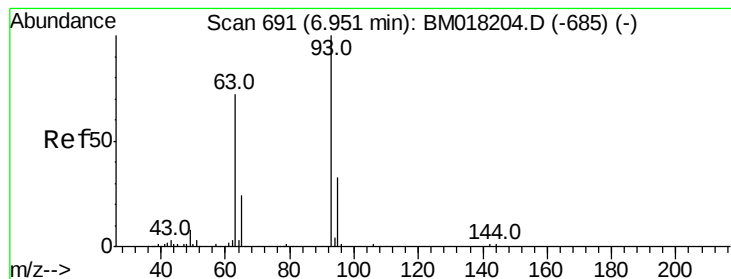
Delta R.T. -0.01 min

Lab File: BM018292.D

Acq: 19 Dec 2018 11:29

Tgt Ion:	94	Resp:	302712
Ion Ratio	Lower	Upper	
94	100		
65	32.0	9.5	49.5
66	44.6	21.3	61.3





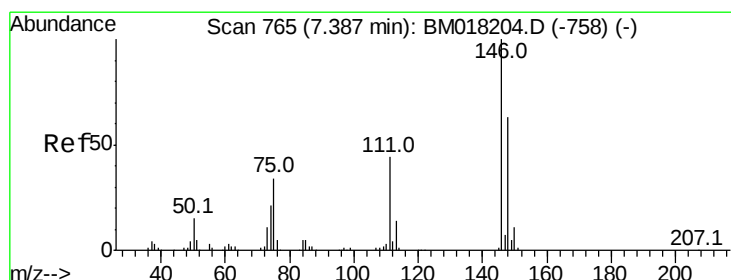
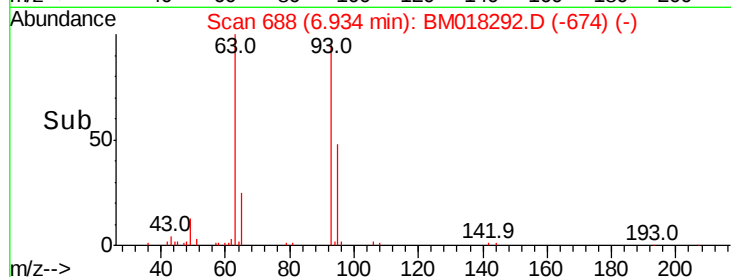
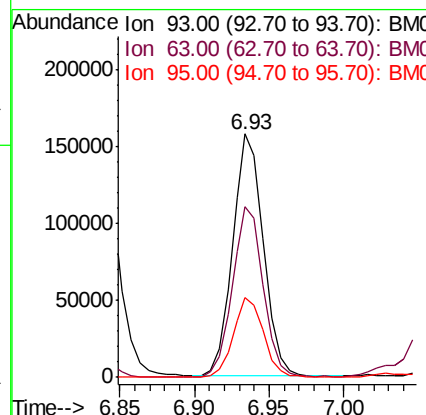
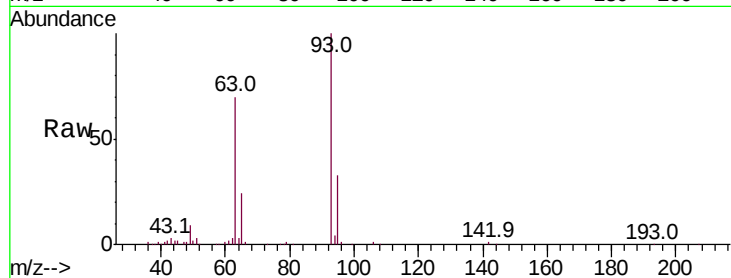
#11
bis(2-Chloroethyl)ether
Concen: 37.758 ng
RT: 6.93 min Scan# 688
Delta R.T. -0.02 min
Lab File: BM018292.D
Acq: 19 Dec 2018 11:29

Instrument :
BNA_M
ClientSampleId :
PB115752BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	226484		
63	70.1	51.7	91.7	
95	32.6	13.1	53.1	

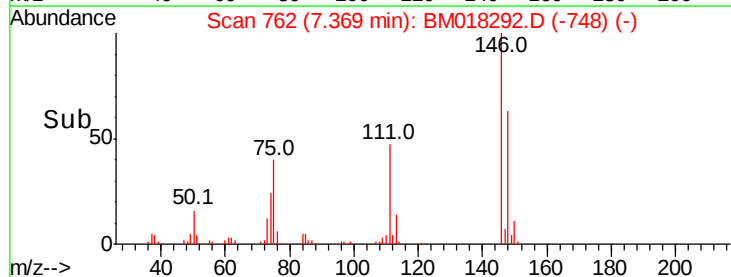
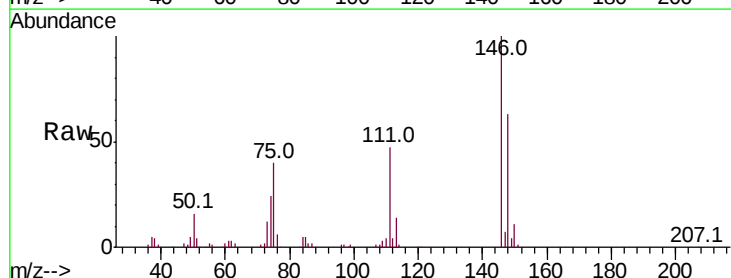
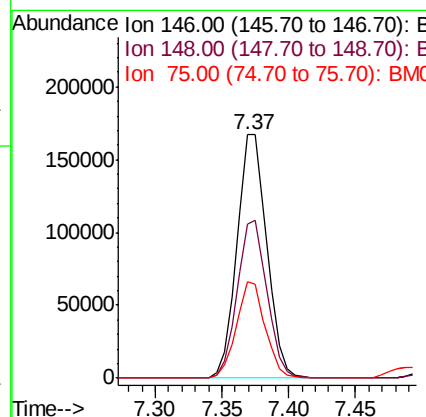
Manual Integrations
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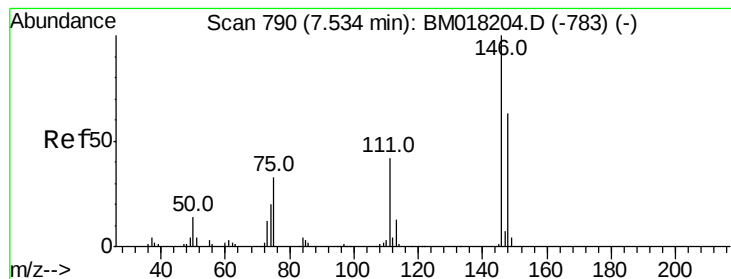
Sohil
12/20/2018 2:55:02 PM



#12
1,3-Dichlorobenzene
Concen: 38.456 ng
RT: 7.37 min Scan# 762
Delta R.T. -0.02 min
Lab File: BM018292.D
Acq: 19 Dec 2018 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	260146		
148	63.4	50.6	76.0	
75	39.7	27.0	40.4	





#13

1,4-Dichlorobenzene

Concen: 39.248 ng

RT: 7.52 min Scan# 788

Delta R.T. -0.01 min

Lab File: BM018292.D

Acq: 19 Dec 2018 11:29

Instrument :

BNA_M

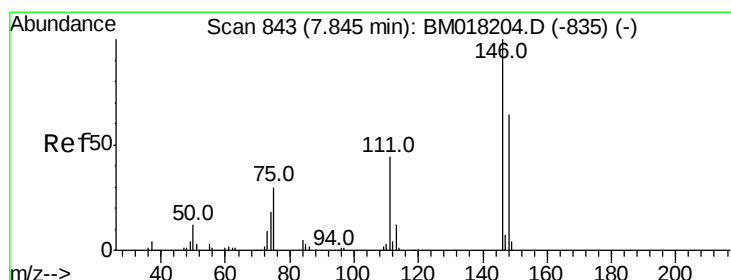
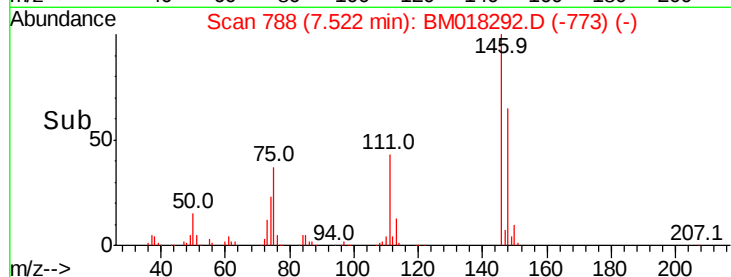
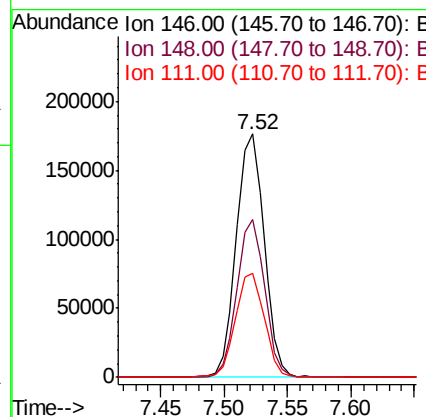
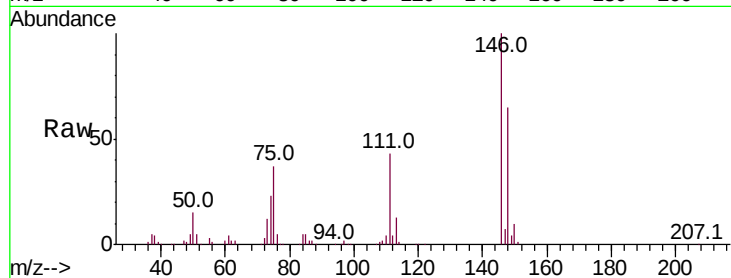
ClientSampleId :

PB115752BS

Tot Ion:	146	Resp:	269614
Ion Ratio	Lower	Upper	
146	100		
148	65.0	50.7	76.1
111	42.7	34.2	51.2

Manual Integrations
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12/20/2018 2:55:02 PM



#14

1,2-Dichlorobenzene

Concen: 38.830 ng

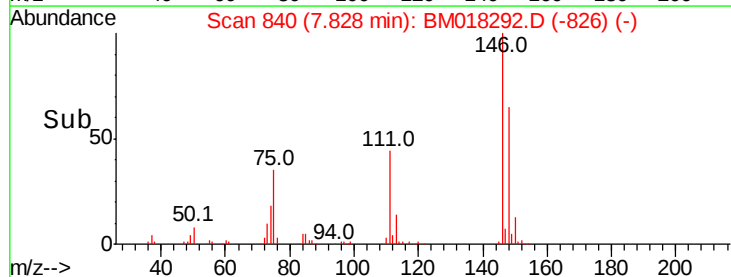
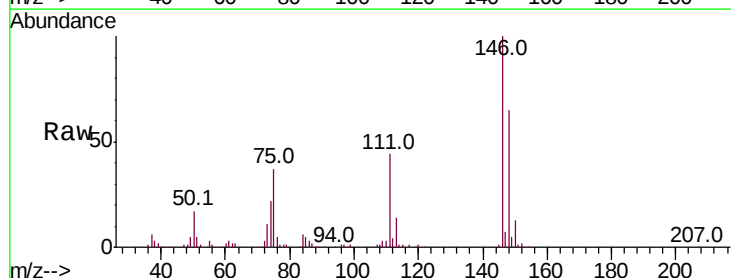
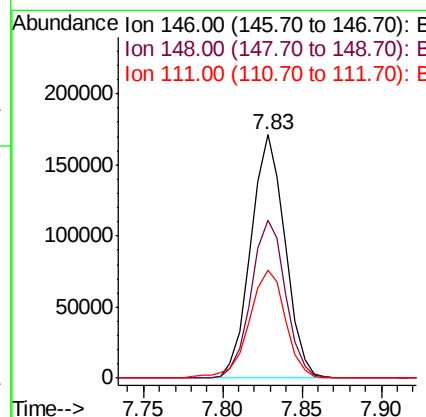
RT: 7.83 min Scan# 840

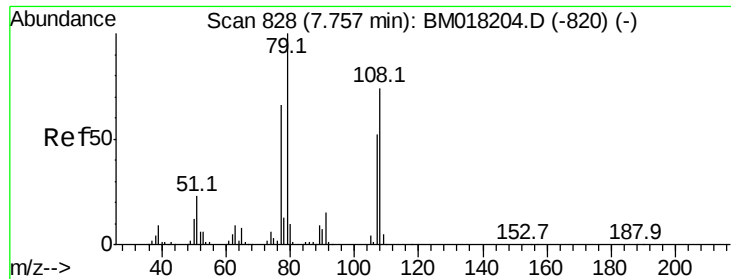
Delta R.T. -0.02 min

Lab File: BM018292.D

Acq: 19 Dec 2018 11:29

Tgt Ion:	146	Resp:	257139
Ion Ratio	Lower	Upper	
146	100		
148	64.6	51.3	76.9
111	44.4	35.8	53.8





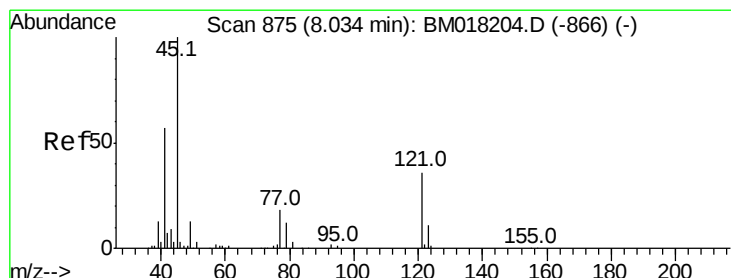
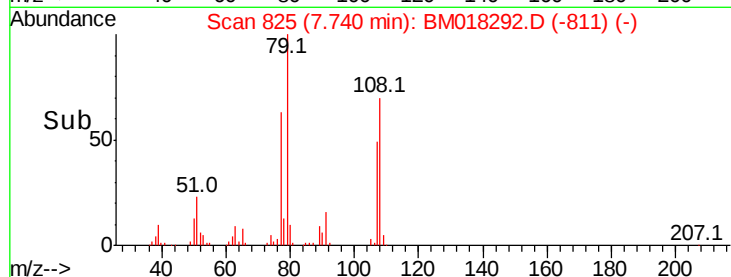
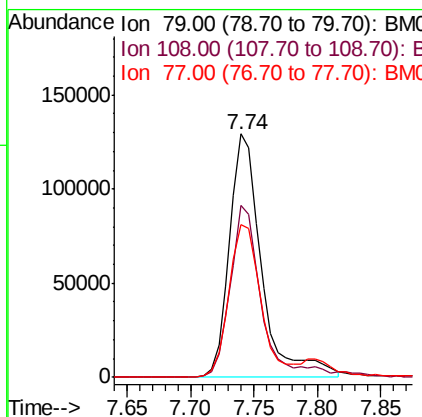
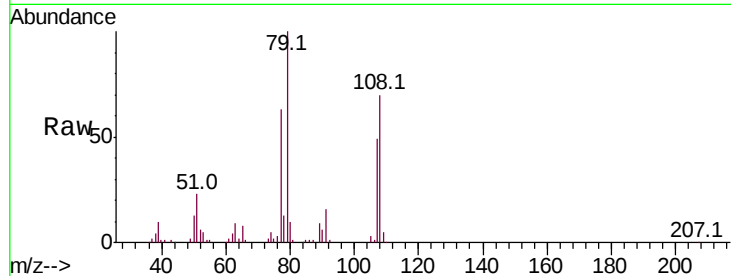
#15
Benzyl Alcohol
Concen: 39.186 ng
RT: 7.74 min Scan# 825
Delta R.T. -0.02 min
Lab File: BM018292.D
Acq: 19 Dec 2018 11:29

Instrument :
BNA_M
ClientSampleId :
PB115752BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	70.4	59.3	88.9
77	62.6	53.0	79.4

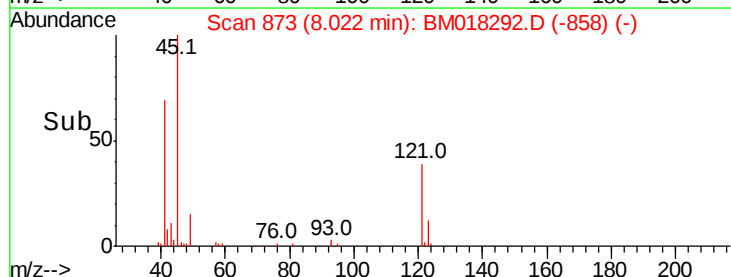
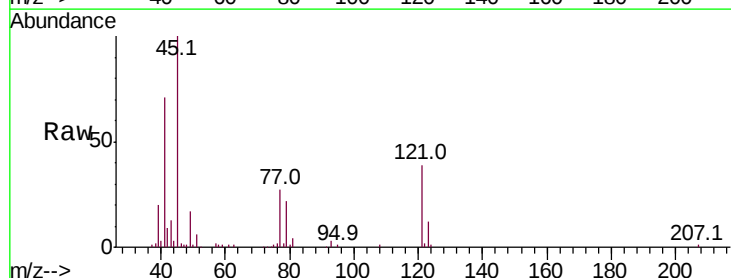
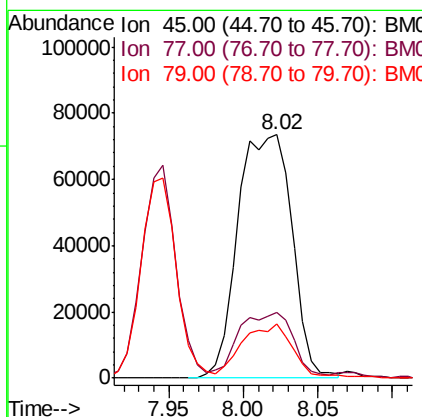
Manual Integrations
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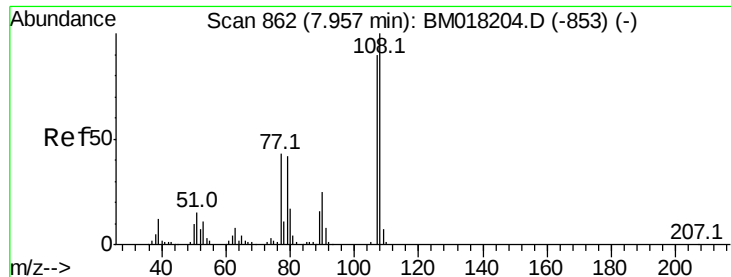
Sohil
12/20/2018 2:55:02 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.262 ng
RT: 8.02 min Scan# 873
Delta R.T. -0.01 min
Lab File: BM018292.D
Acq: 19 Dec 2018 11:29

Tgt Ion	Ratio	Lower	Upper
45	100		
77	26.9	2.5	42.5
79	22.3	0.0	37.2





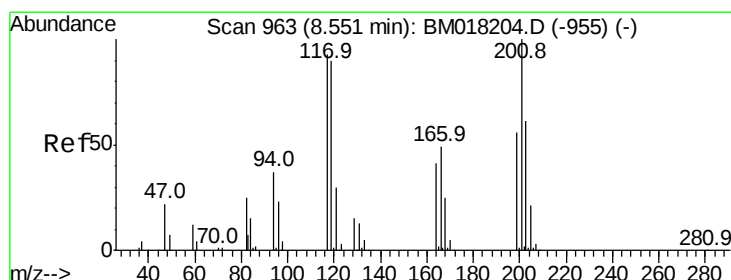
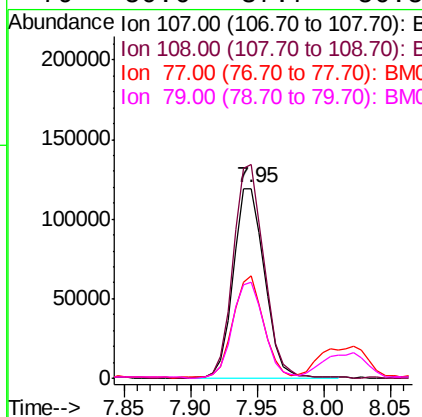
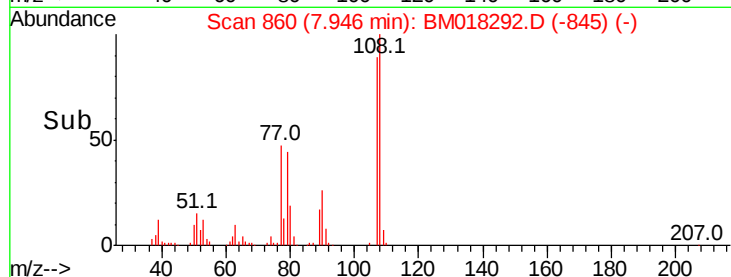
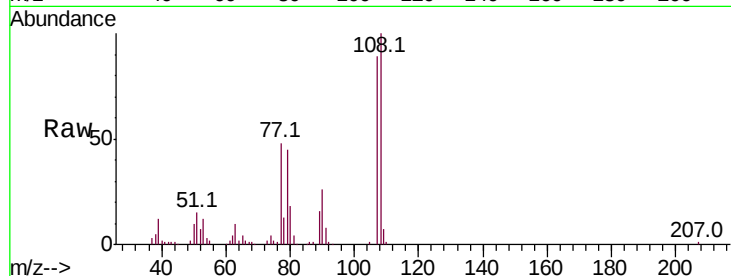
#17
2-Methylphenol
Concen: 38.792 ng
RT: 7.95 min Scan# 860
Delta R.T. -0.01 min
Lab File: BM018292.D
Acq: 19 Dec 2018 11:29

Instrument :
BNA_M
ClientSampleId :
PB115752BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.4	89.3	133.9	
77	54.0	38.2	57.4	
79	50.6	37.7	56.5	

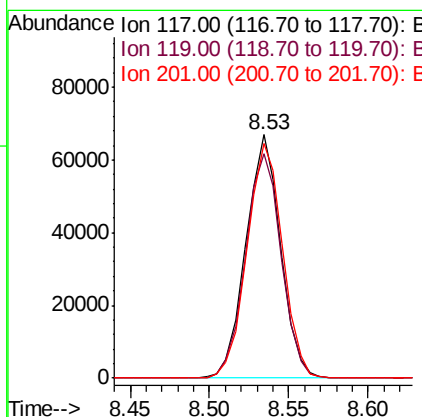
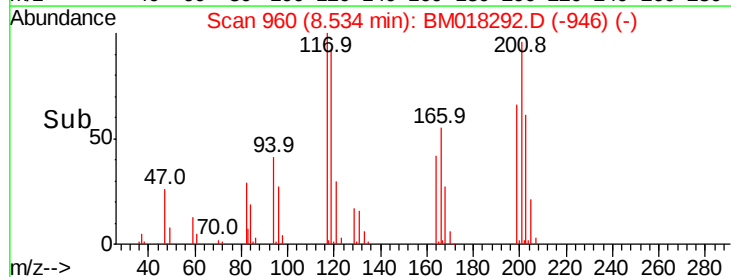
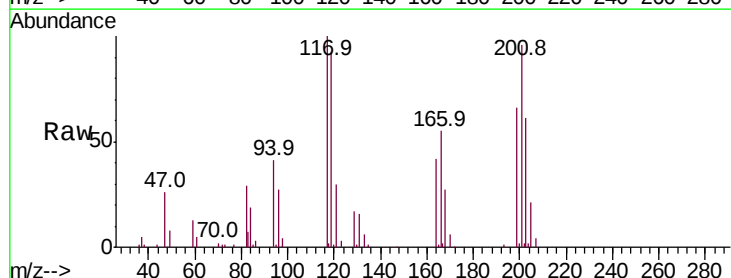
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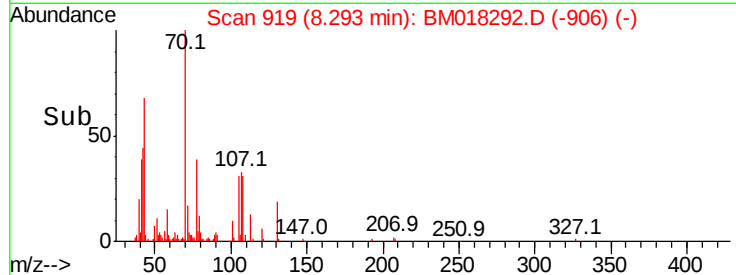
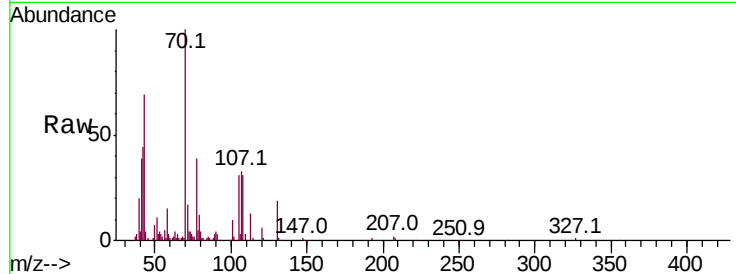
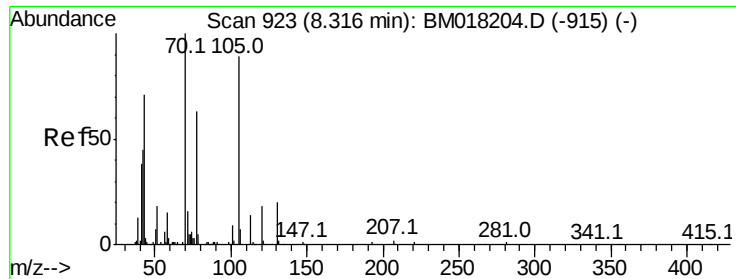
Sohil
12/20/2018 2:55:02 PM



#18
Hexachloroethane
Concen: 40.257 ng
RT: 8.53 min Scan# 960
Delta R.T. -0.02 min
Lab File: BM018292.D
Acq: 19 Dec 2018 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	92.3	77.0	115.4	
201	96.2	85.7	128.5	





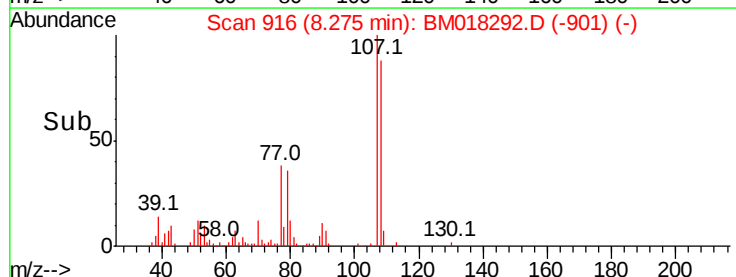
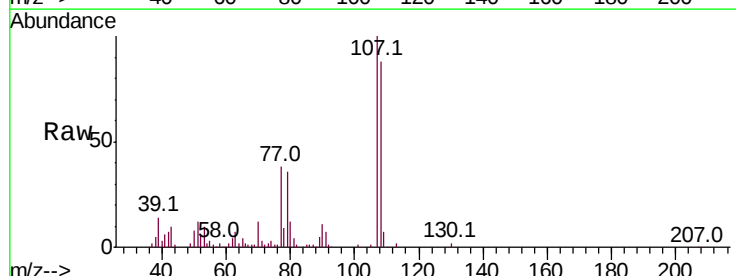
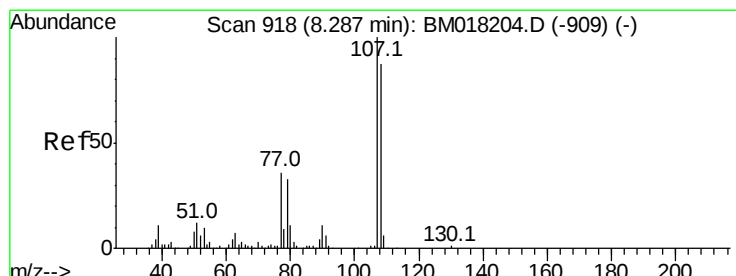
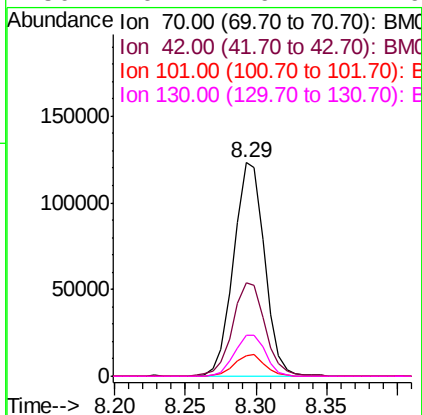
#19
n-Nitroso-di-n-propylamine
Concen: 35.443 ng
RT: 8.29 min Scan# 919
Delta R.T. -0.02 min
Lab File: BM018292.D
Acq: 19 Dec 2018 11:29

Instrument :
BNA_M
ClientSampleId :
PB115752BS

Manual Integrations
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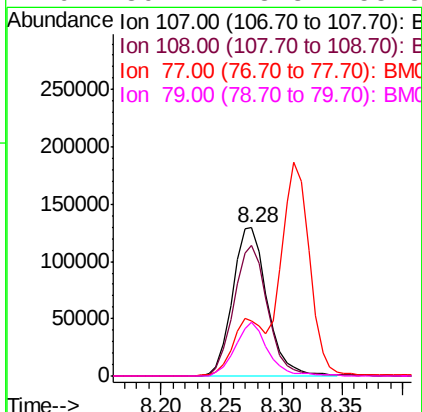
Sohil
12/20/2018 2:55:02 PM

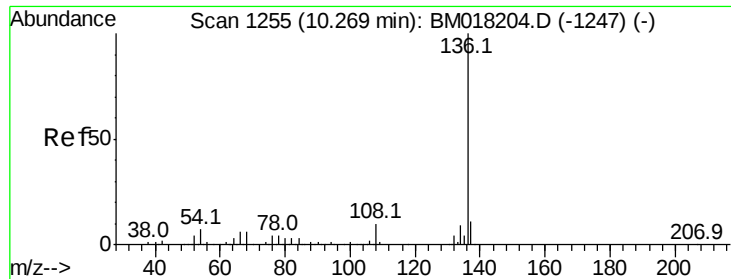
Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	43.5	36.2	54.2		
101	9.9	7.5	11.3		
130	19.4	16.4	24.6		



#20
3+4-Methylphenols
Concen: 36.677 ng
RT: 8.28 min Scan# 916
Delta R.T. -0.01 min
Lab File: BM018292.D
Acq: 19 Dec 2018 11:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	88.1	67.4	107.4		
77	37.5	15.7	55.7		
79	36.2	13.3	53.3		





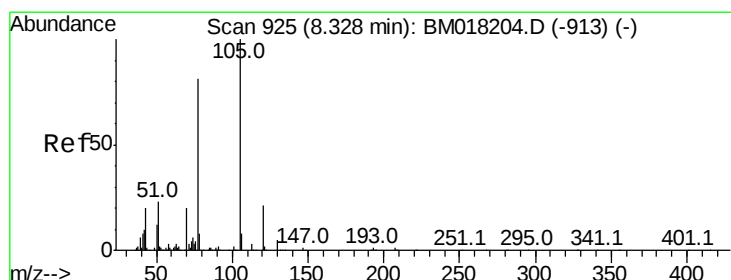
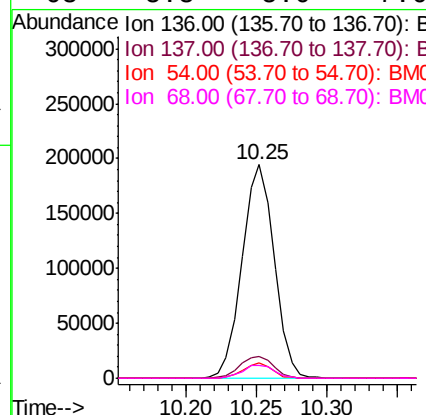
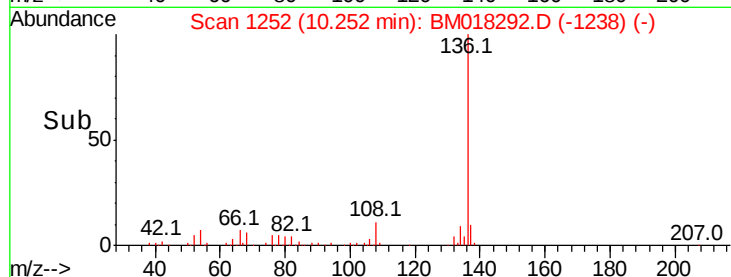
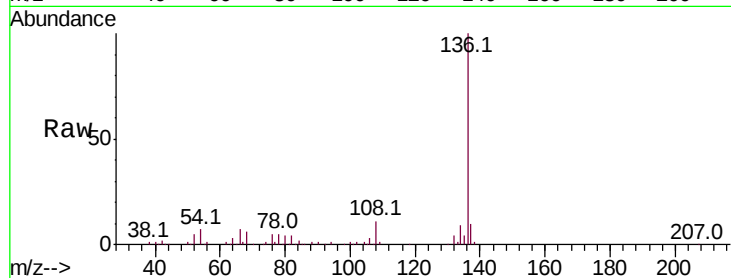
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.25 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BM018292.D
Acq: 19 Dec 2018 11:29

Instrument :
BNA_M
ClientSampleId :
PB115752BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.5	9.2	13.8	
54	6.9	5.2	7.8	
68	5.8	5.0	7.6	

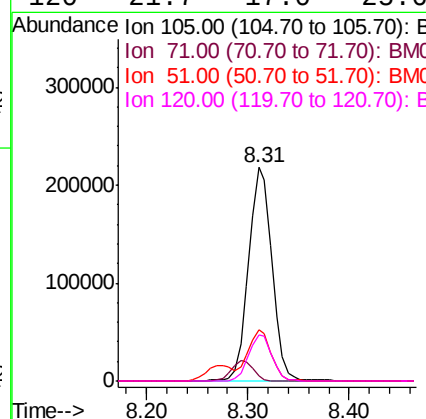
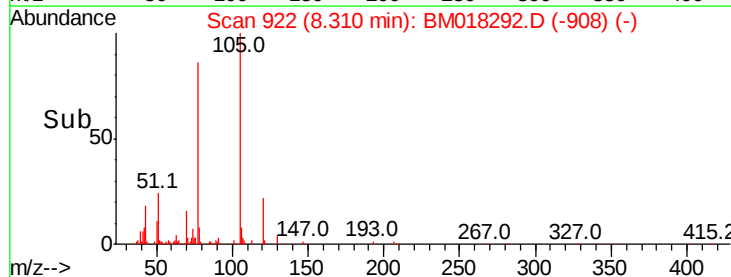
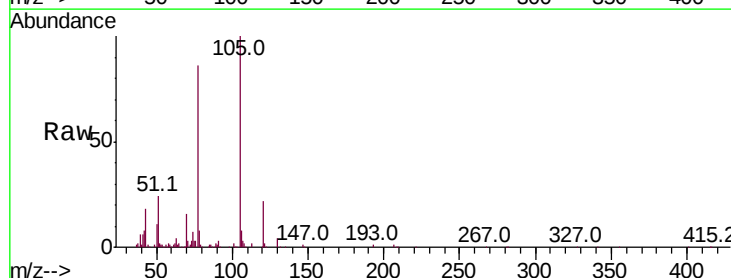
Manual Integrations
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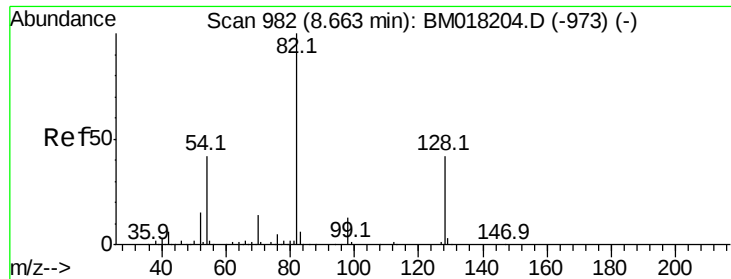
Sohil
12/20/2018 2:55:02 PM



#22
Acetophenone
Concen: 42.776 ng
RT: 8.31 min Scan# 922
Delta R.T. -0.02 min
Lab File: BM018292.D
Acq: 19 Dec 2018 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	2.6	2.6	4.0#	
51	23.9	18.3	27.5	
120	21.7	17.0	25.6	





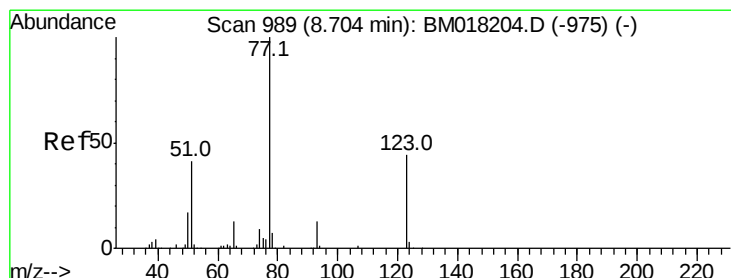
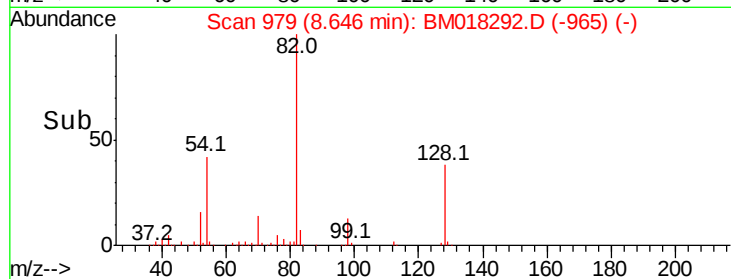
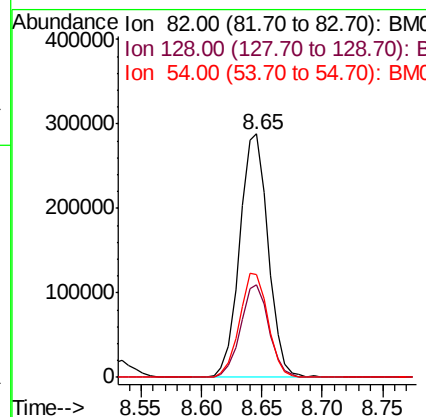
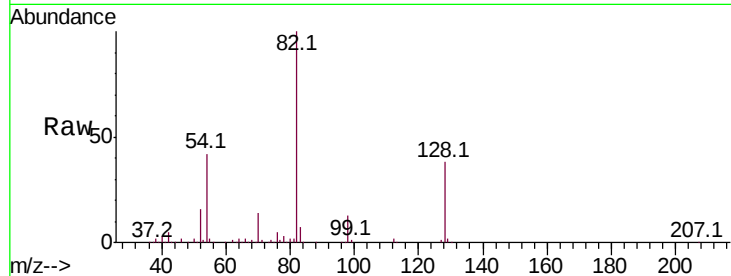
#23
Nitrobenzene-d5
Concen: 78.901 ng
RT: 8.65 min Scan# 979
Delta R.T. -0.02 min
Lab File: BM018292.D
Acq: 19 Dec 2018 11:29

Instrument :
BNA_M
ClientSampleId :
PB115752BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	476964		
128	38.2		33.4	50.2
54	42.1		33.4	50.2

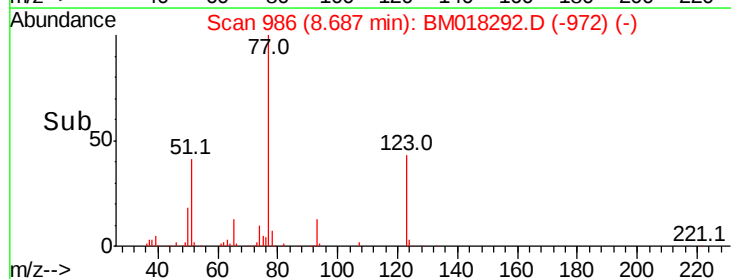
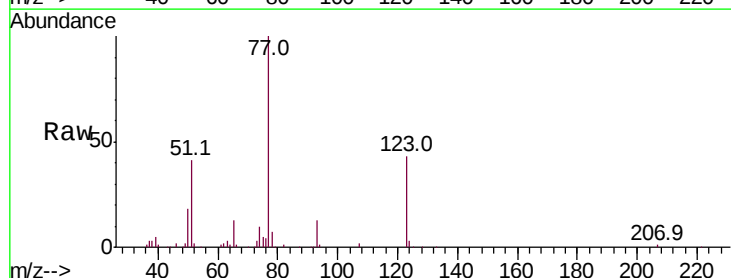
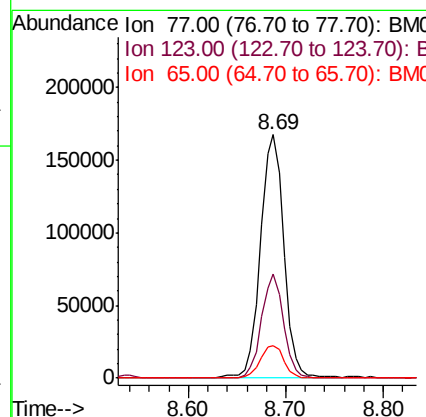
Manual Integrations
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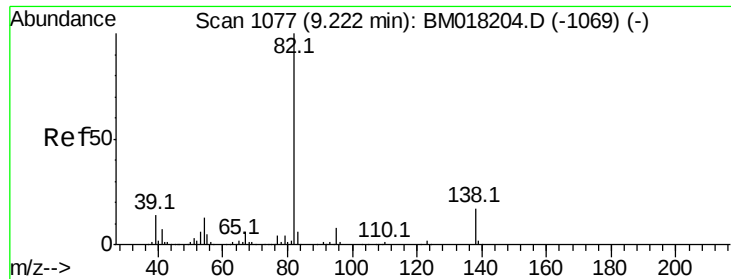
Sohil
12/20/2018 2:55:02 PM



#24
Nitrobenzene
Concen: 45.966 ng
RT: 8.69 min Scan# 986
Delta R.T. -0.02 min
Lab File: BM018292.D
Acq: 19 Dec 2018 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	277646		
123	43.0		35.4	53.2
65	13.1		10.6	15.8





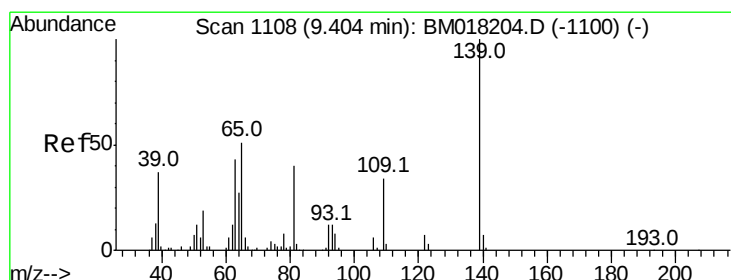
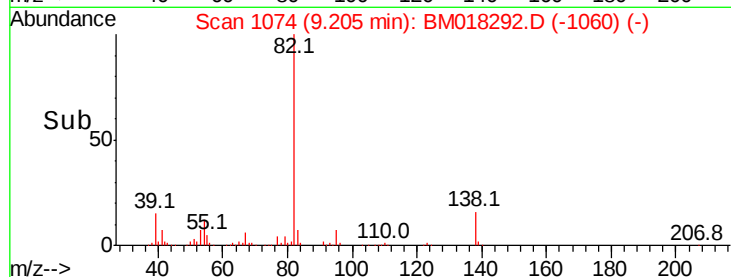
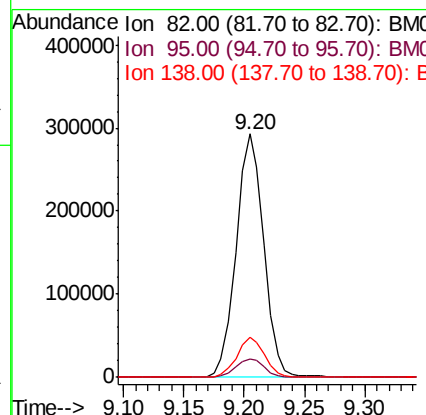
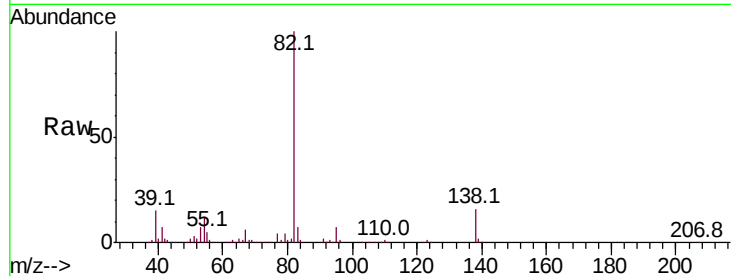
#25
Isophorone
Concen: 46.307 ng
RT: 9.20 min Scan# 1074
Delta R.T. -0.02 min
Lab File: BM018292.D
Acq: 19 Dec 2018 11:29

Instrument :
BNA_M
ClientSampleId :
PB115752BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	466049		
95	7.3		6.4	9.6
138	16.3		13.9	20.9

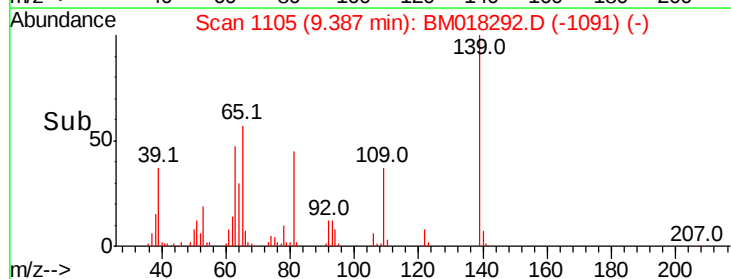
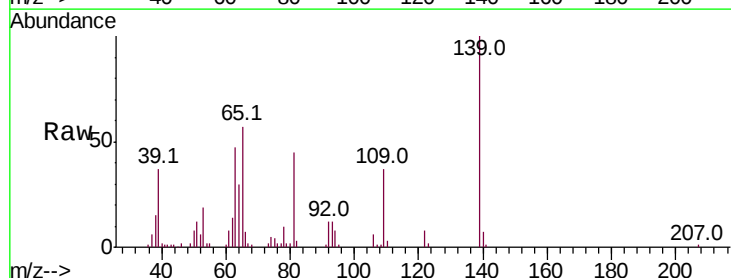
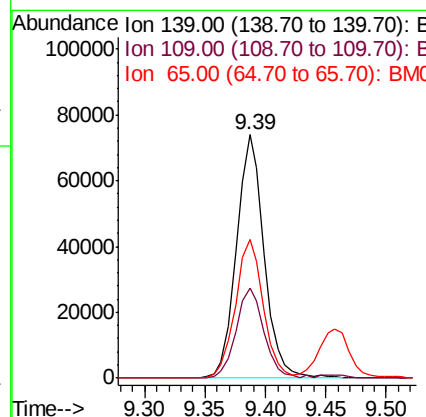
Manual Integrations
APPROVED

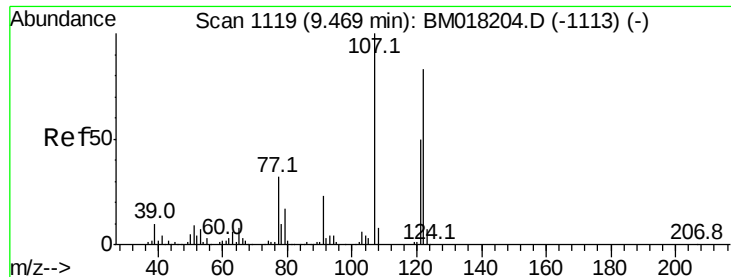
Sohil
12/20/2018 2:55:02 PM



#26
2-Nitrophenol
Concen: 39.805 ng
RT: 9.39 min Scan# 1105
Delta R.T. -0.02 min
Lab File: BM018292.D
Acq: 19 Dec 2018 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	117926		
109	37.1		27.4	41.0
65	57.1		41.0	61.4





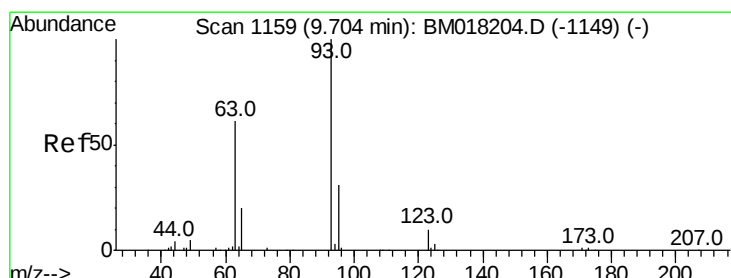
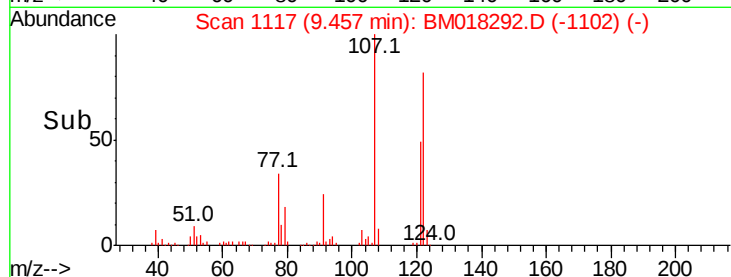
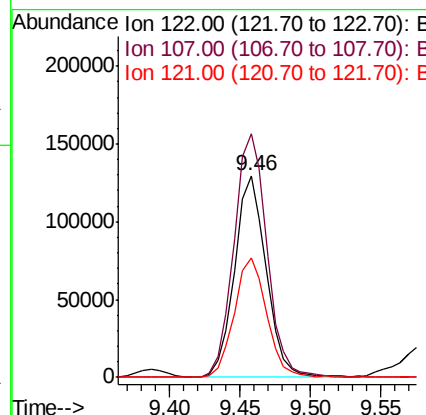
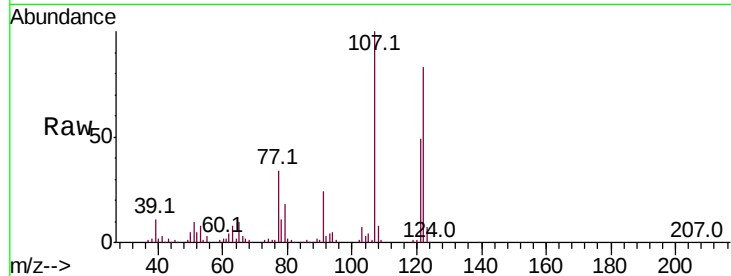
#27
 2,4-Dimethylphenol
 Concen: 47.566 ng
 RT: 9.46 min Scan# 1117
 Delta R.T. -0.01 min
 Lab File: BM018292.D
 Acq: 19 Dec 2018 11:29

Instrument :
 BNA_M
 ClientSampleId :
 PB115752BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	203090		
107	120.6	96.5	144.7	
121	59.3	48.2	72.4	

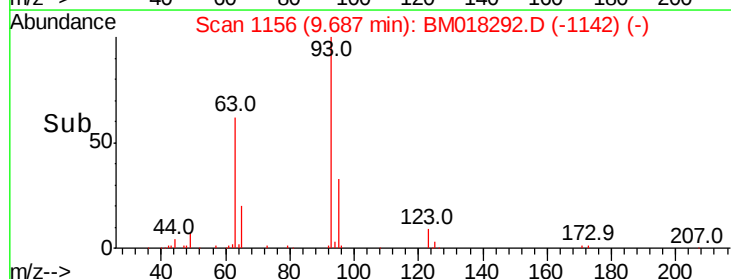
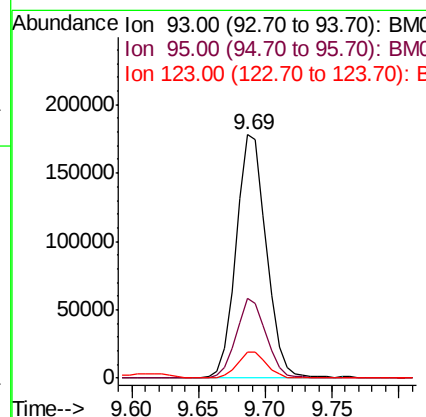
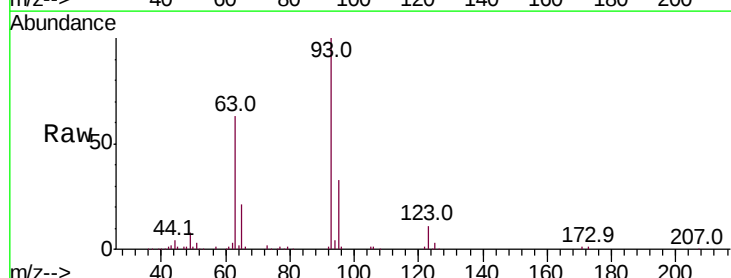
Manual Integrations
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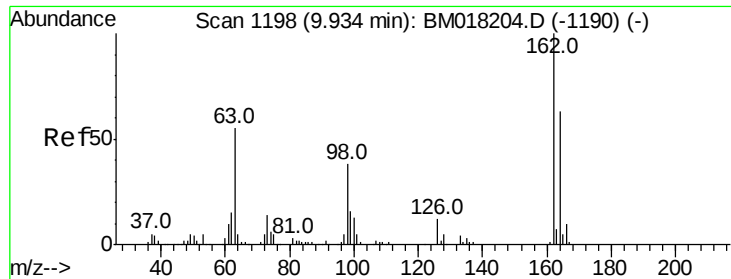
Sohil
 12/20/2018 2:55:02 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.854 ng
 RT: 9.69 min Scan# 1156
 Delta R.T. -0.02 min
 Lab File: BM018292.D
 Acq: 19 Dec 2018 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	281136		
95	32.7	25.3	37.9	
123	10.6	9.3	13.9	





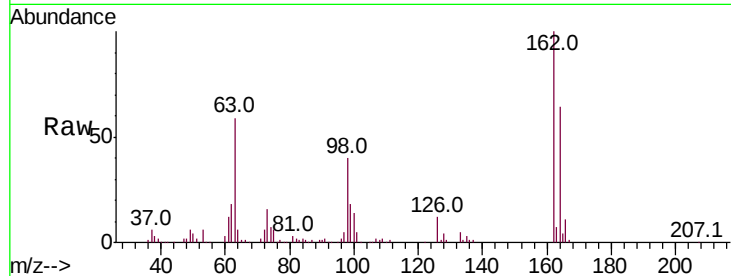
#29
2,4-Dichlorophenol
Concen: 42.308 ng
RT: 9.92 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BM018292.D
Acq: 19 Dec 2018 11:29

Instrument :
BNA_M
ClientSampleID :
PB115752BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	200283		
164	64.3		43.0	83.0
98	40.2		18.3	58.3

Manual Integrations
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Sohil
12/20/2018 2:55:02 PM

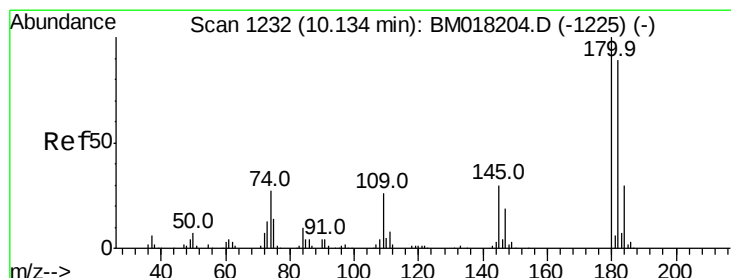
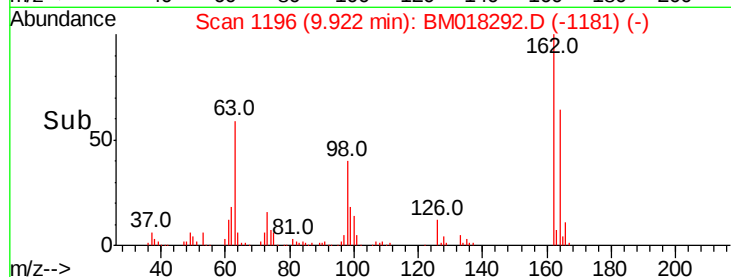
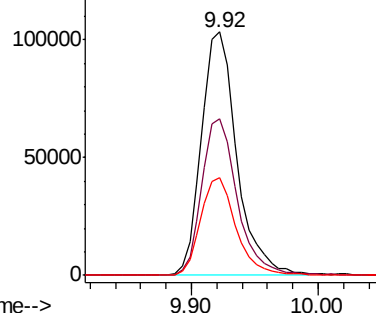


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30
1,2,4-Trichlorobenzene
Concen: 41.914 ng
RT: 10.12 min Scan# 1229
Delta R.T. -0.02 min
Lab File: BM018292.D
Acq: 19 Dec 2018 11:29

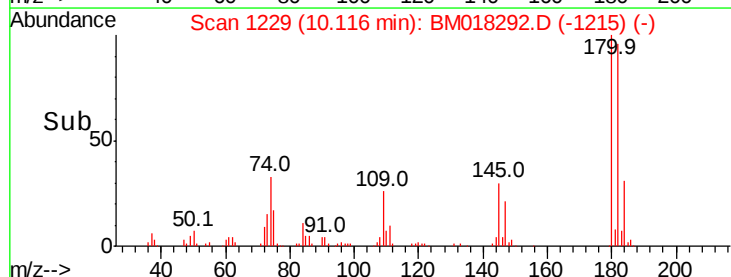
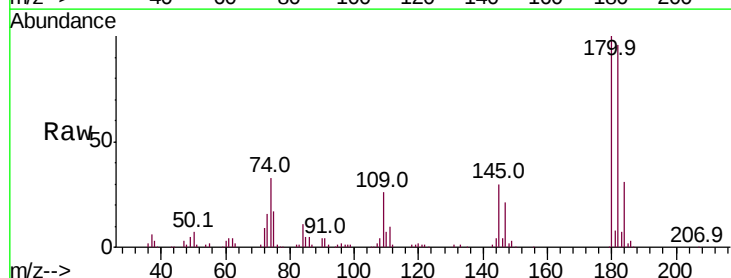
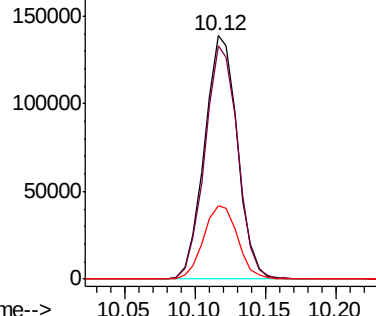
Tgt Ion	Ratio	Resp	Lower	Upper
180	100	225695		
182	96.1		71.4	107.2
145	30.3		24.4	36.6

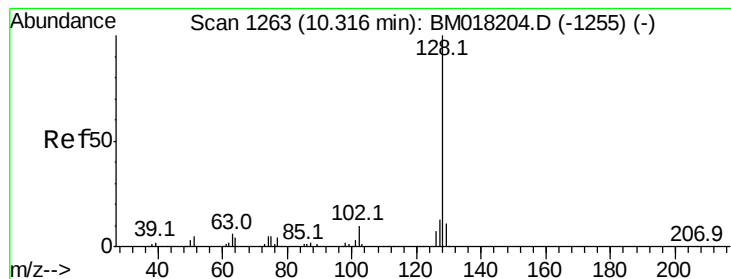
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





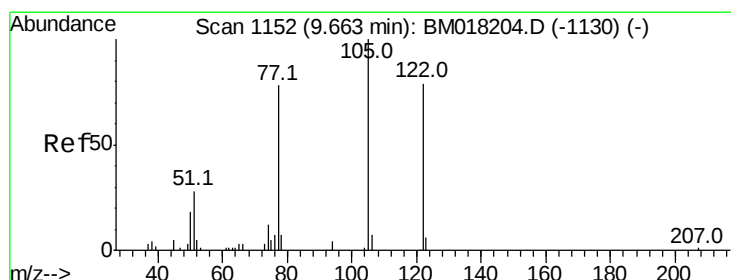
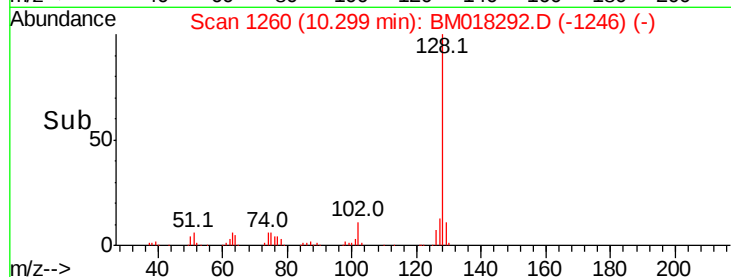
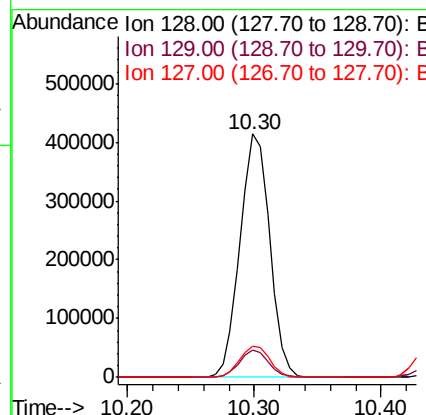
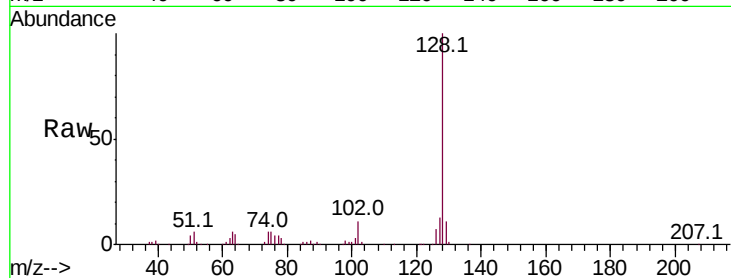
#31
Naphthalene
Concen: 44.482 ng
RT: 10.30 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BM018292.D
Acq: 19 Dec 2018 11:29

Instrument :
BNA_M
ClientSampleId :
PB115752BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	12.6	10.4	15.6

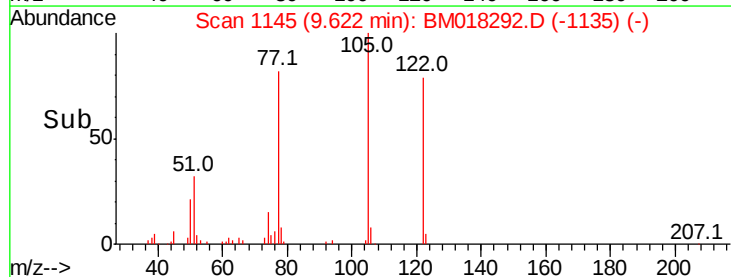
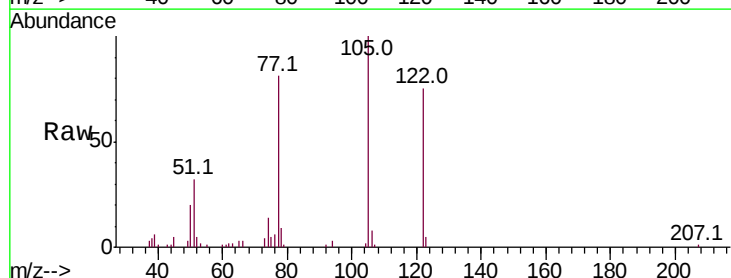
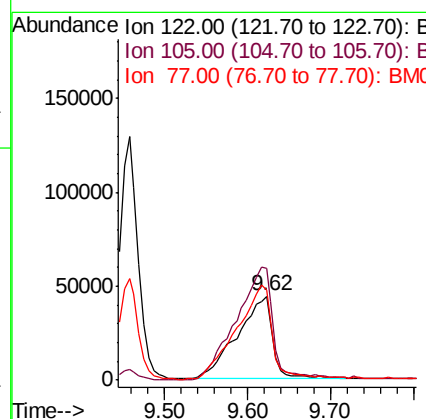
Manual Integrations
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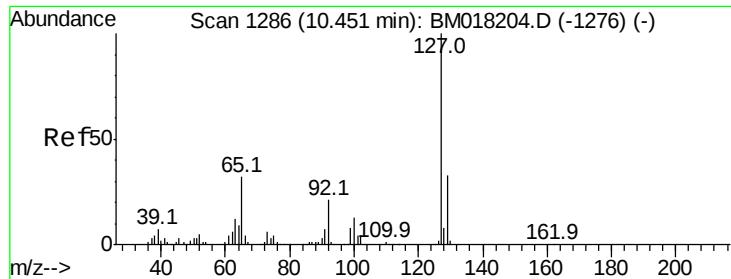
Sohil
12/20/2018 2:55:02 PM



#32
Benzoic acid
Concen: 32.749 ng m
RT: 9.62 min Scan# 1145
Delta R.T. -0.04 min
Lab File: BM018292.D
Acq: 19 Dec 2018 11:29

Tgt Ion	Ratio	Lower	Upper
122	100		
105	133.6	104.8	144.8
77	107.8	77.7	117.7





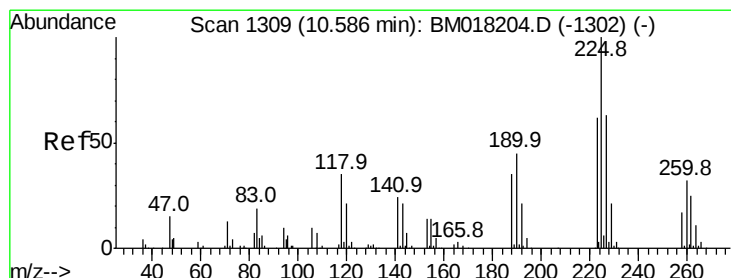
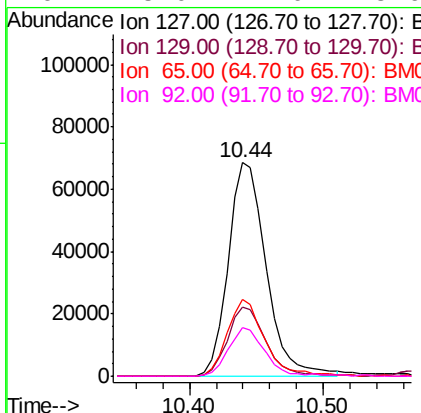
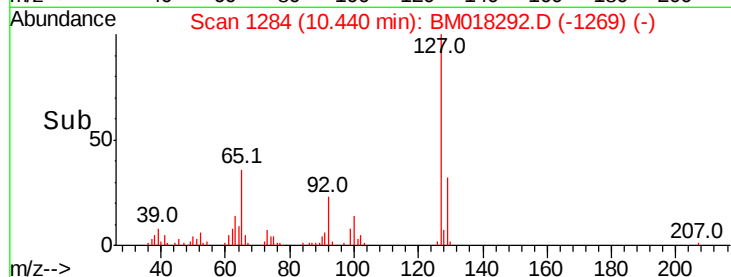
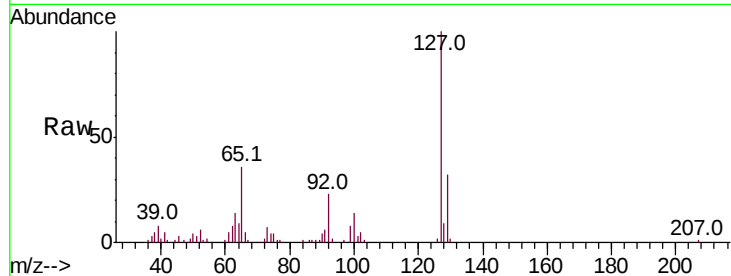
#33
4-Chloroaniline
Concen: 20.419 ng
RT: 10.44 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BM018292.D
Acq: 19 Dec 2018 11:29

Instrument :
BNA_M
ClientSampleId :
PB115752BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.3	26.4	39.6	
65	35.8	25.6	38.4	
92	23.0	17.0	25.6	

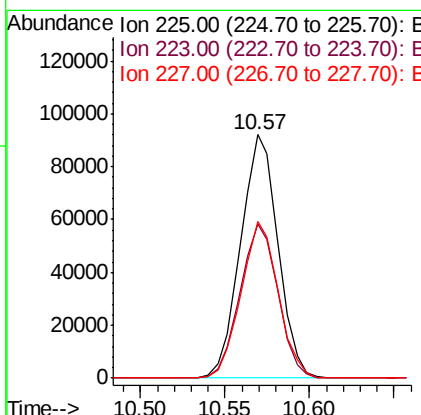
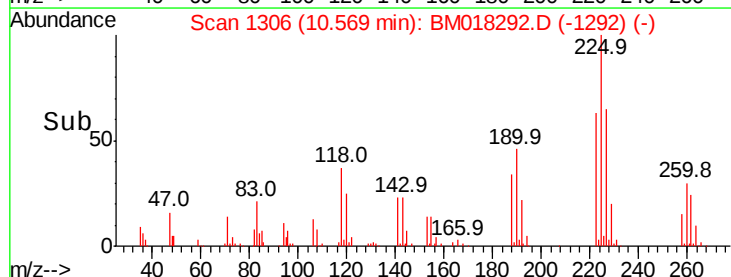
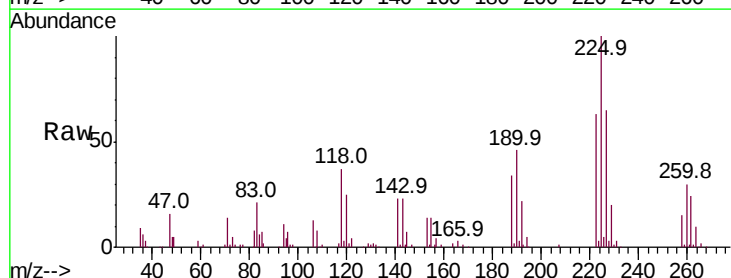
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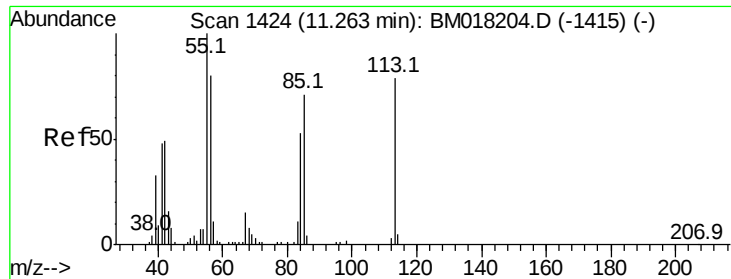
Sohil
12/20/2018 2:55:02 PM



#34
Hexachlorobutadiene
Concen: 41.572 ng
RT: 10.57 min Scan# 1306
Delta R.T. -0.02 min
Lab File: BM018292.D
Acq: 19 Dec 2018 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.3	49.8	74.6	
227	64.5	50.2	75.4	





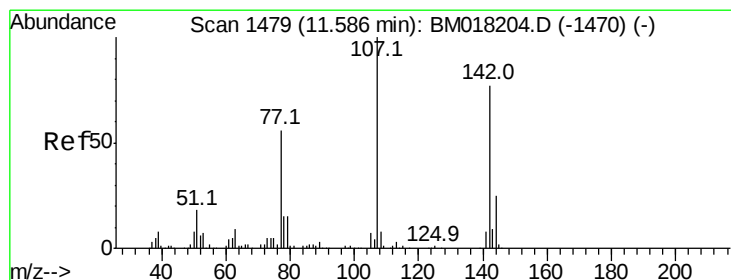
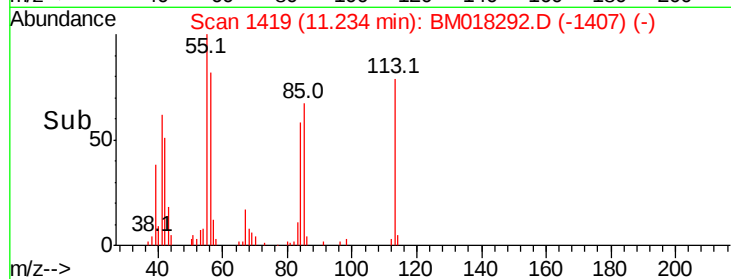
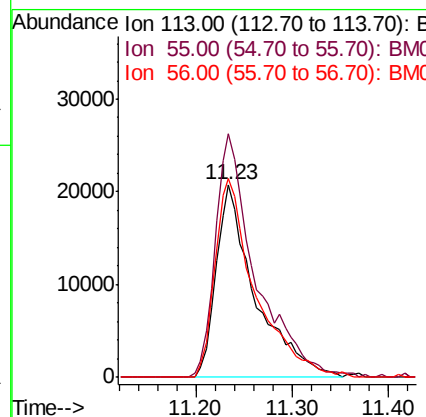
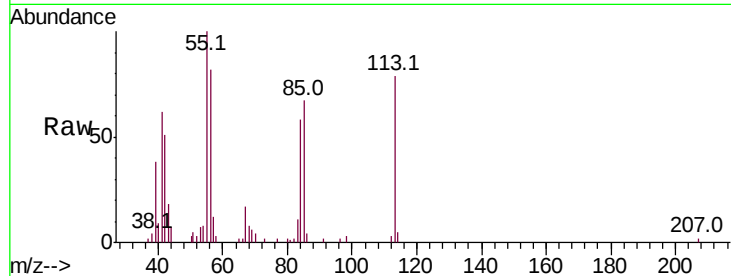
#35
Caprolactam
Concen: 32.401 ng/ml
RT: 11.23 min Scan# 1419
Delta R.T. -0.03 min
Lab File: BM018292.D
Acq: 19 Dec 2018 11:29

Instrument :
BNA_M
ClientSampleId :
PB115752BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	126.3	105.9	145.9
56	103.3	80.1	120.1

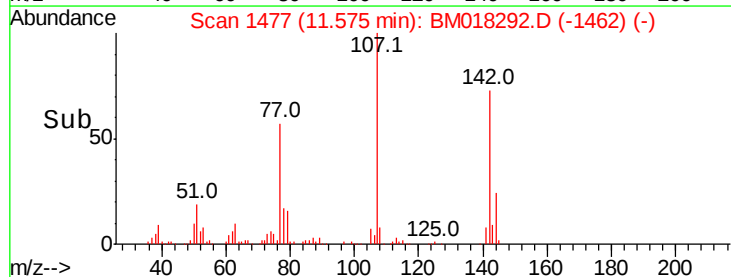
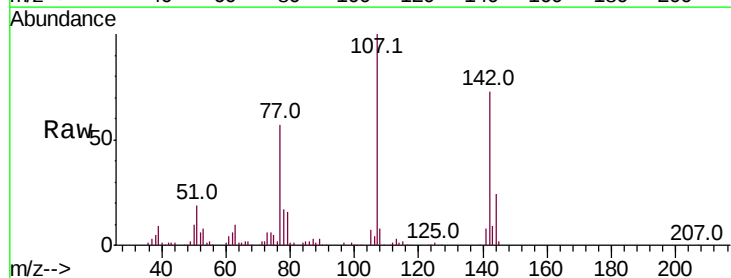
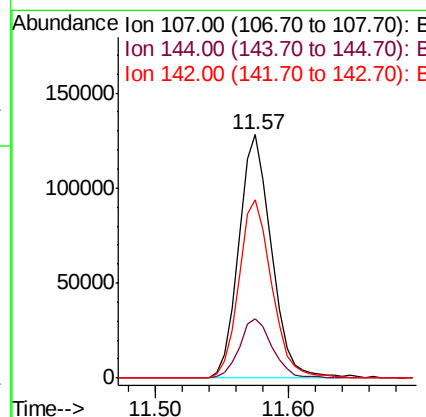
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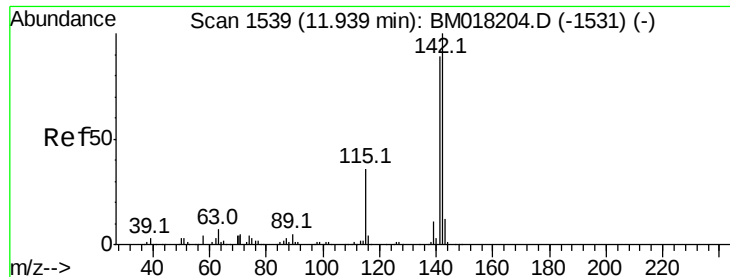
Sohil
12/20/2018 2:55:02 PM



#36
4-Chloro-3-methylphenol
Concen: 38.131 ng
RT: 11.57 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BM018292.D
Acq: 19 Dec 2018 11:29

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.5	20.1	30.1
142	73.1	61.7	92.5





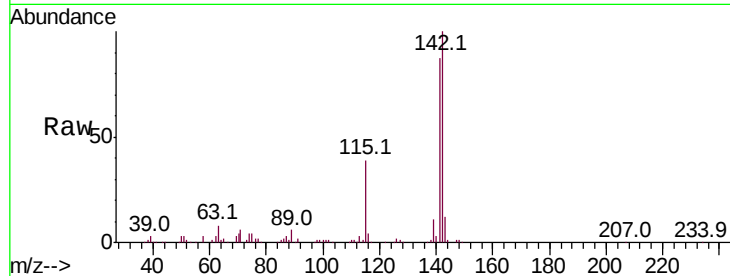
#37
2-Methylnaphthalene
Concen: 43.534 ng
RT: 11.93 min Scan# 1537
Delta R.T. -0.01 min
Lab File: BM018292.D
Acq: 19 Dec 2018 11:29

Instrument :
BNA_M
ClientSampleId :
PB115752BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.4	71.4	107.2
115	39.0	29.0	43.6

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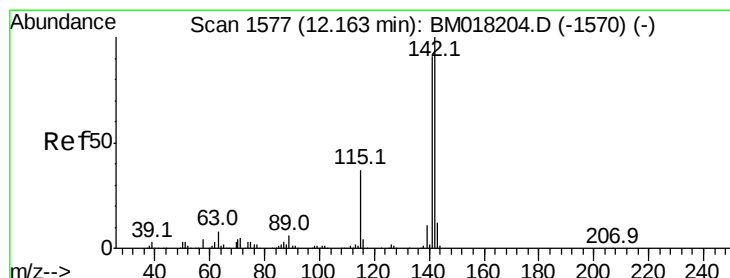
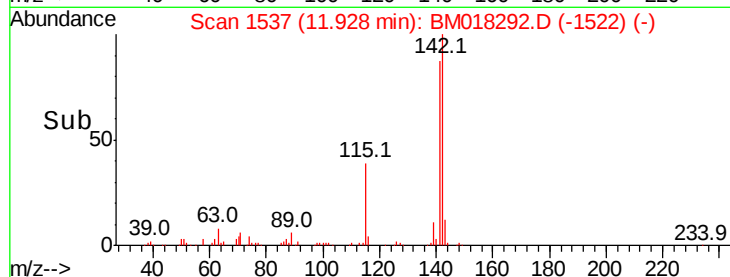
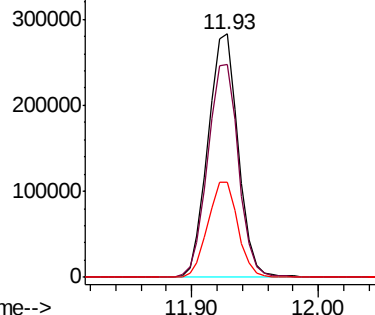


Abundance

Ion 142.00 (141.70 to 142.70): E

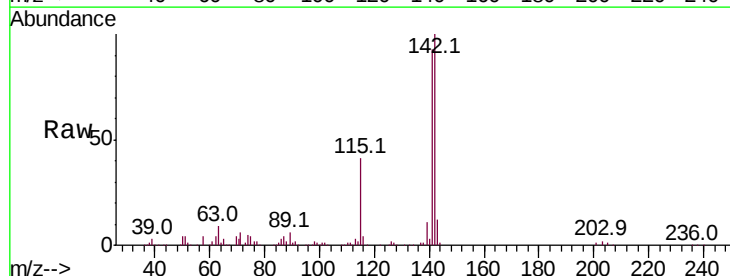
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 42.349 ng
RT: 12.15 min Scan# 1574
Delta R.T. -0.02 min
Lab File: BM018292.D
Acq: 19 Dec 2018 11:29

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.7	73.0	109.4
116	4.2	3.0	4.6

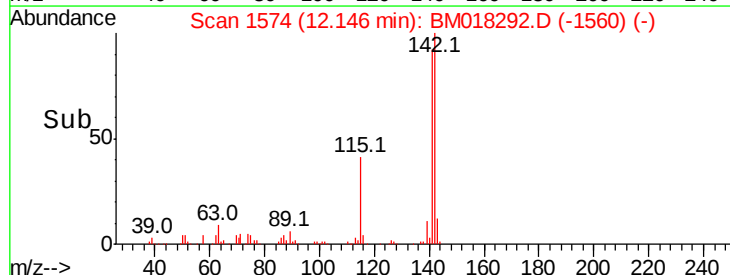
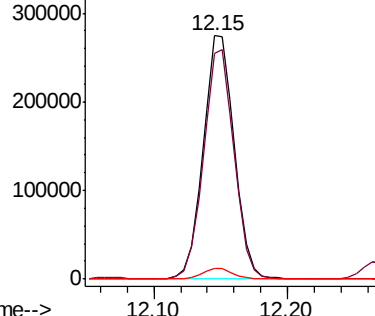


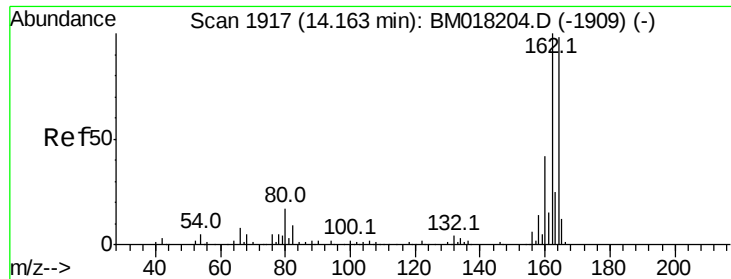
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





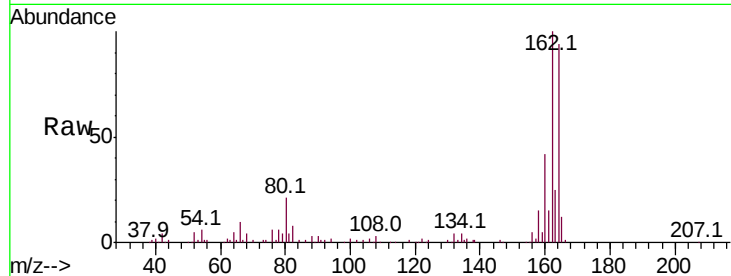
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.15 min Scan# 1914
 Delta R.T. -0.02 min
 Lab File: BM018292.D
 Acq: 19 Dec 2018 11:29

Instrument :
 BNA_M
 ClientSampleID :
 PB115752BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	152316		
162	106.6	81.8	122.6	
160	45.3	34.6	51.8	

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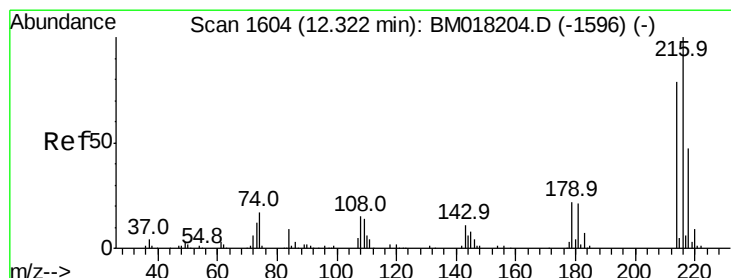
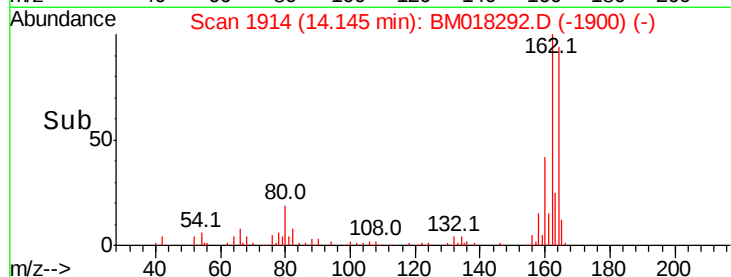
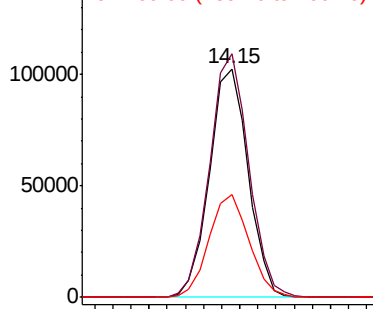


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.598 ng
 RT: 12.30 min Scan# 1601
 Delta R.T. -0.02 min
 Lab File: BM018292.D
 Acq: 19 Dec 2018 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	238831		
214	78.4	63.4	95.0	
179	22.2	17.2	25.8	
108	18.1	14.6	21.8	

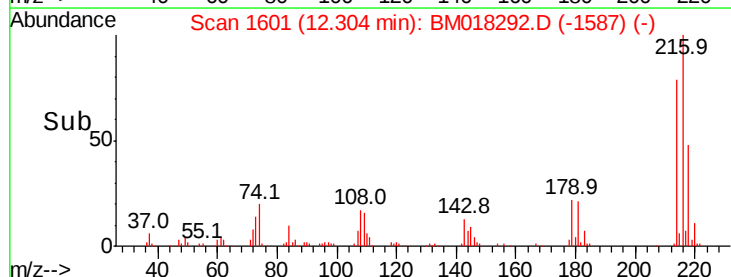
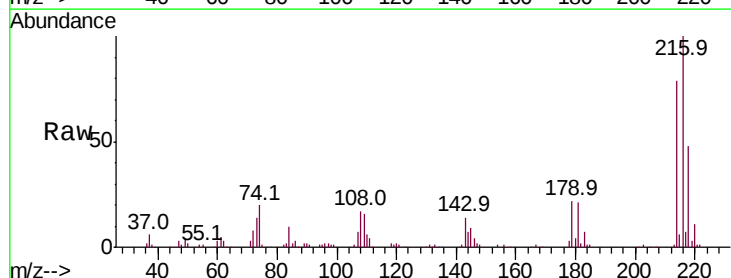
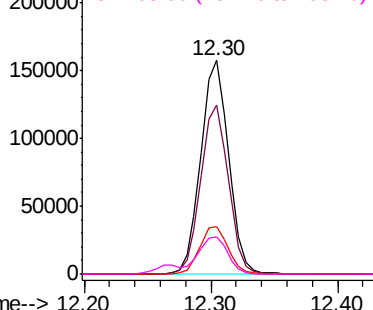
Abundance

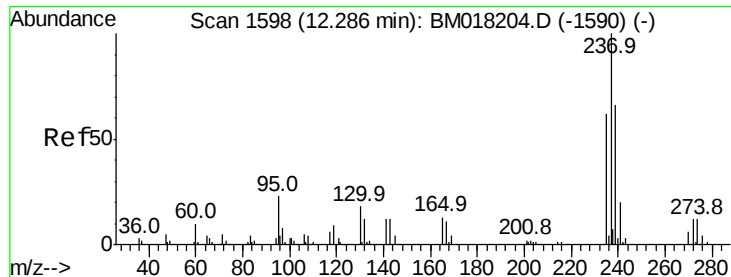
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 101.403 ng

RT: 12.27 min Scan# 1595

Delta R.T. -0.02 min

Lab File: BM018292.D

Acq: 19 Dec 2018 11:29

Instrument :

BNA_M

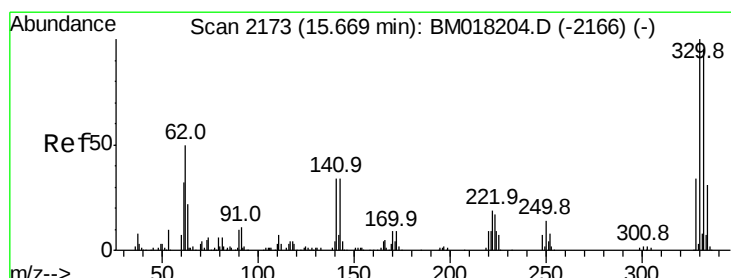
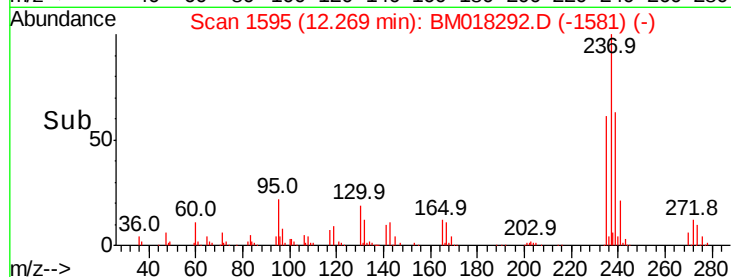
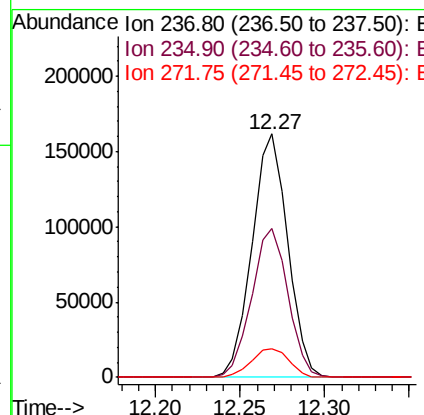
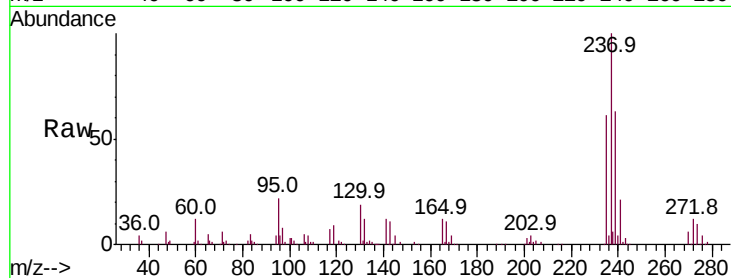
ClientSampleId :

PB115752BS

Tot Ion:	237	Resp:	238109
Ion Ratio	Lower	Upper	
237	100		
235	61.0	42.1	82.1
272	11.9	0.0	32.1

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 128.221 ng

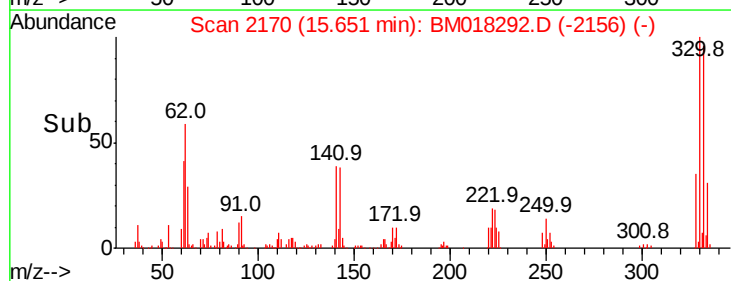
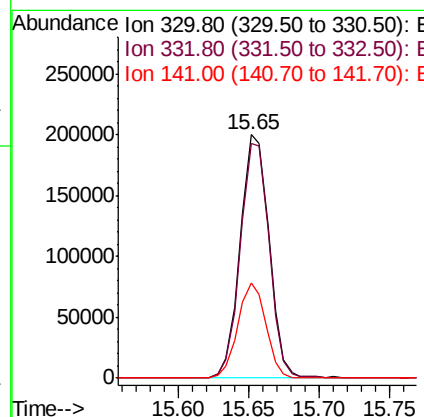
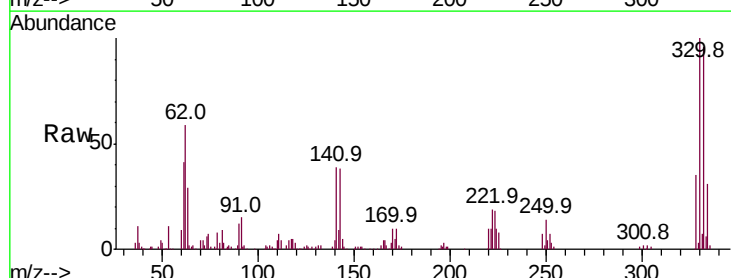
RT: 15.65 min Scan# 2170

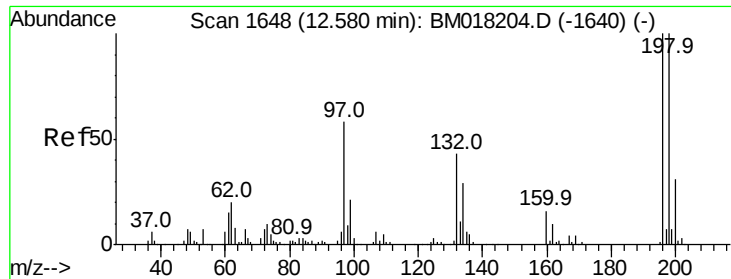
Delta R.T. -0.02 min

Lab File: BM018292.D

Acq: 19 Dec 2018 11:29

Tgt Ion:	330	Resp:	286647
Ion Ratio	Lower	Upper	
330	100		
332	96.6	78.6	118.0
141	38.0	27.1	40.7





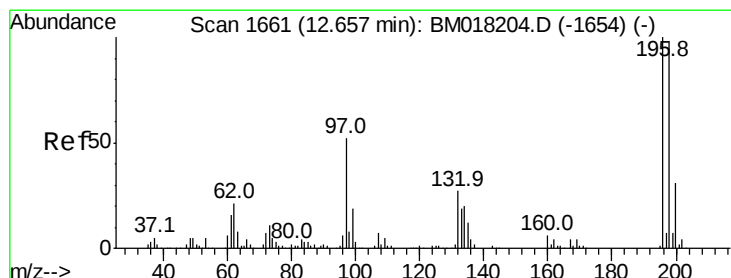
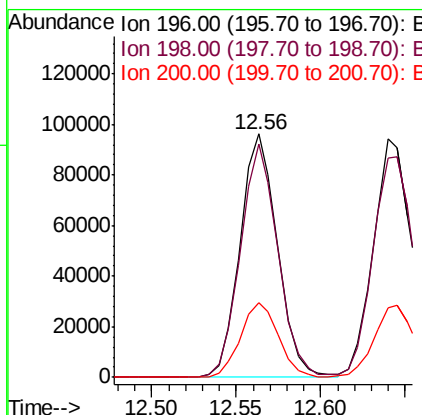
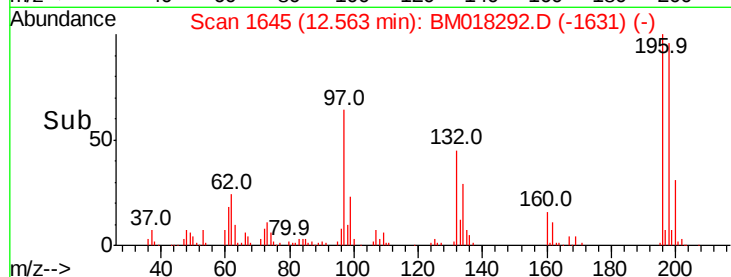
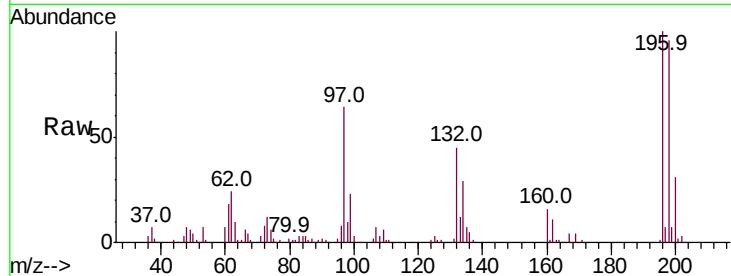
#43
 2,4,6-Trichlorophenol
 Concen: 44.004 ng
 RT: 12.56 min Scan# 1645
 Delta R.T. -0.02 min
 Lab File: BM018292.D
 Acq: 19 Dec 2018 11:29

Instrument :
 BNA_M
 ClientSampleId :
 PB115752BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	148239		
198	95.8	80.1	120.1	
200	30.5	24.9	37.3	

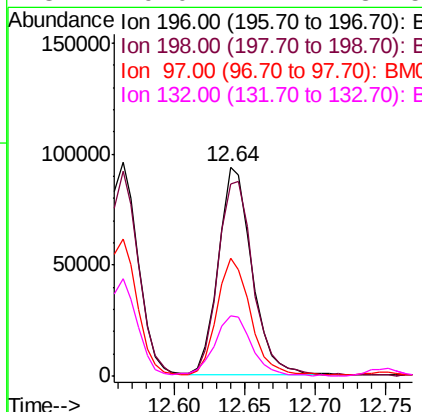
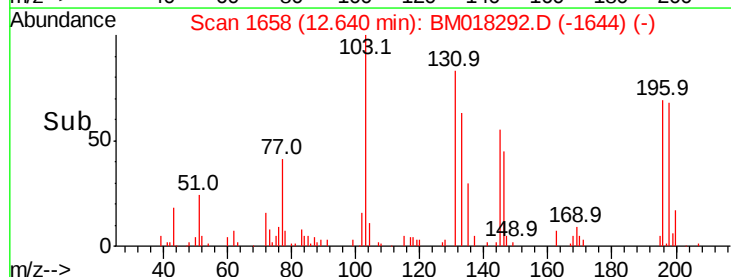
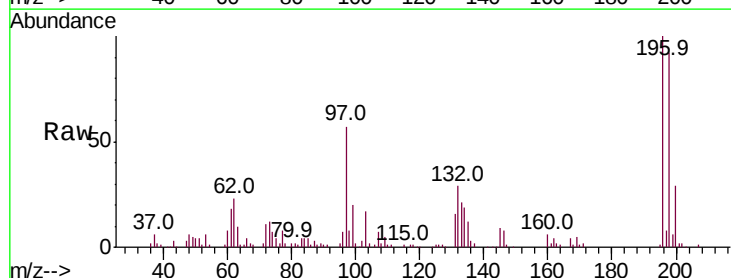
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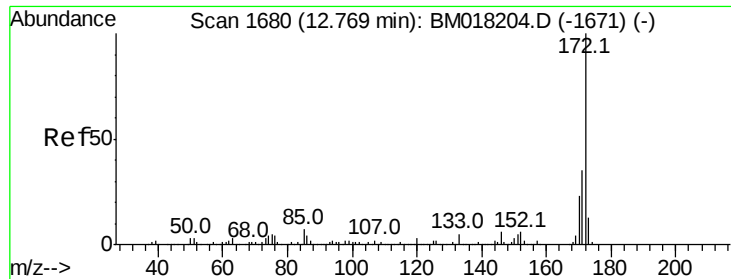
Sohil
 12/20/2018 2:55:02 PM



#44
 2,4,5-Trichlorophenol
 Concen: 42.926 ng
 RT: 12.64 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BM018292.D
 Acq: 19 Dec 2018 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	153521		
198	92.0	78.5	117.7	
97	56.6	41.9	62.9	
132	29.0	21.7	32.5	





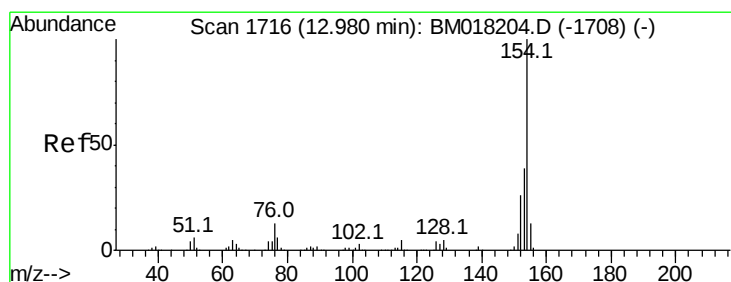
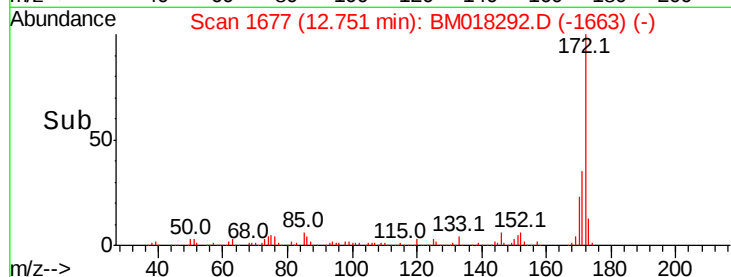
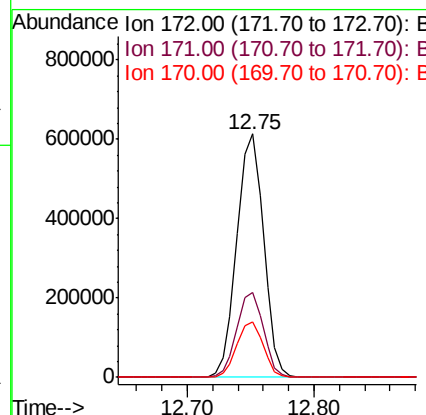
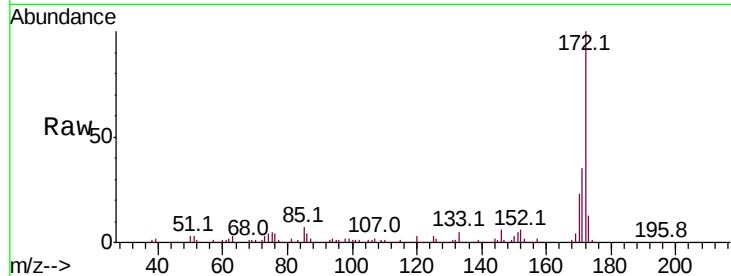
#45
2-Fluorobiphenyl
Concen: 76.346 ng
RT: 12.75 min Scan# 1677
Delta R.T. -0.02 min
Lab File: BM018292.D
Acq: 19 Dec 2018 11:29

Instrument :
BNA_M
ClientSampleId :
PB115752BS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	897805		
171	34.7		28.3	42.5
170	23.0		18.1	27.1

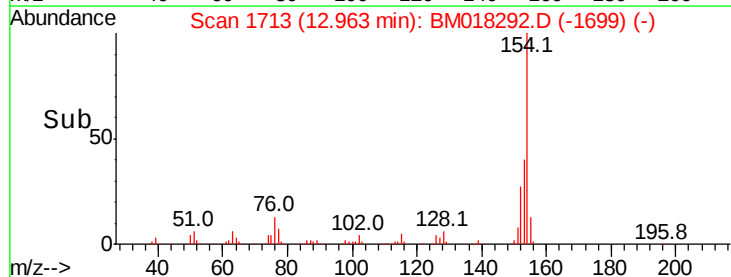
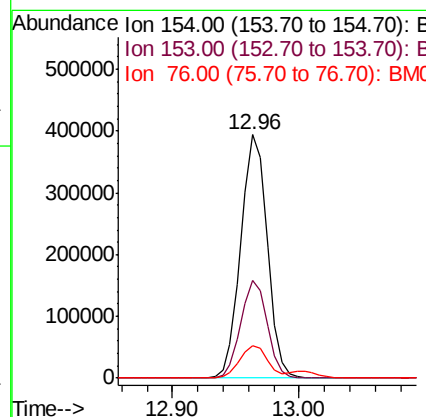
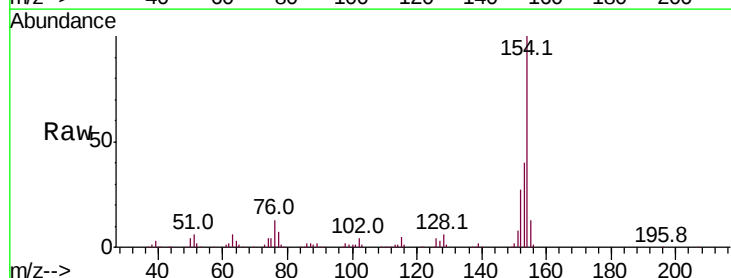
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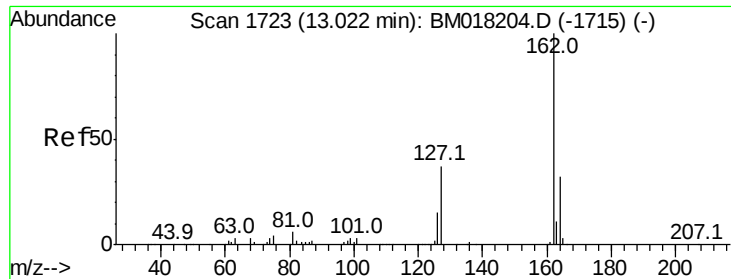
Sohil
12/20/2018 2:55:02 PM



#46
1,1'-Biphenyl
Concen: 41.487 ng
RT: 12.96 min Scan# 1713
Delta R.T. -0.02 min
Lab File: BM018292.D
Acq: 19 Dec 2018 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	568493		
153	40.0		19.5	59.5
76	13.2		0.0	33.1





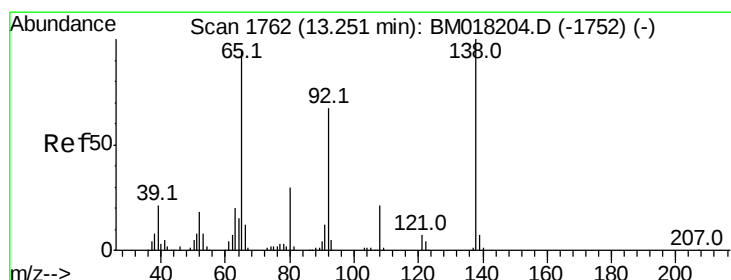
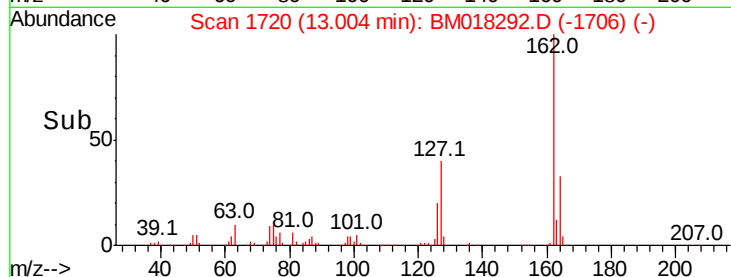
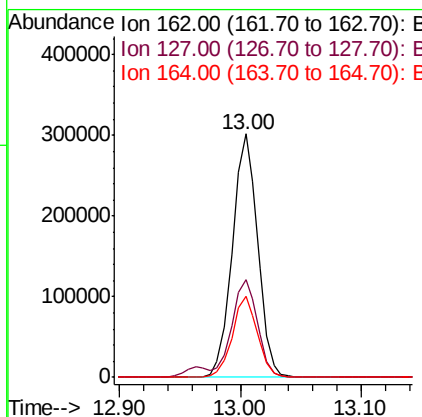
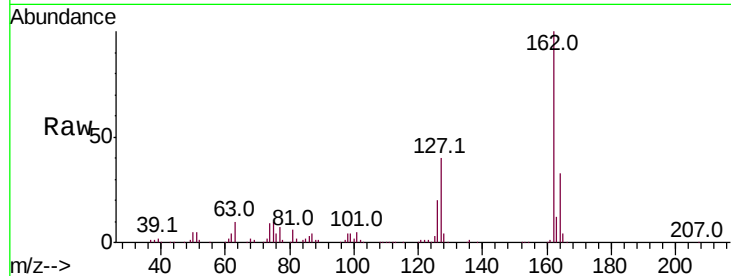
#47
2-Chloronaphthalene
Concen: 43.817 ng
RT: 13.00 min Scan# 1720
Delta R.T. -0.02 min
Lab File: BM018292.D
Acq: 19 Dec 2018 11:29

Instrument :
BNA_M
ClientSampleId :
PB115752BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.2	31.8	47.8
164	33.1	25.9	38.9

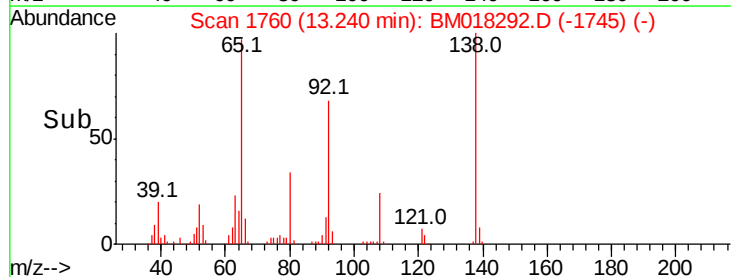
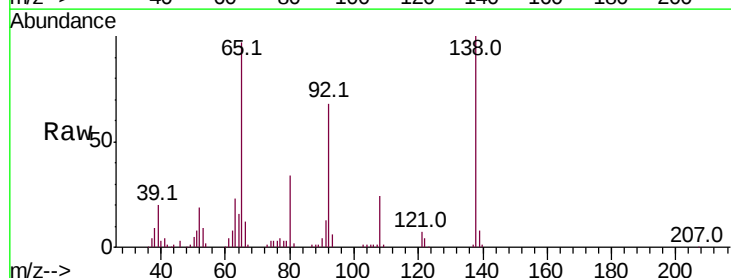
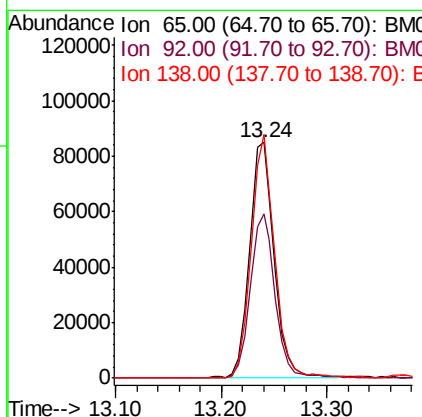
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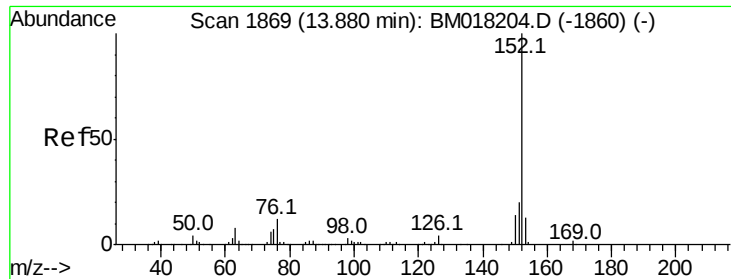
Sohil
12/20/2018 2:55:02 PM



#48
2-Nitroaniline
Concen: 44.616 ng
RT: 13.24 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BM018292.D
Acq: 19 Dec 2018 11:29

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.8	56.8	85.2
138	103.3	85.1	127.7





#49

Acenaphthylene

Concen: 46.158 ng

RT: 13.86 min Scan# 1866

Delta R.T. -0.02 min

Lab File: BM018292.D

Acq: 19 Dec 2018 11:29

Instrument :

BNA_M

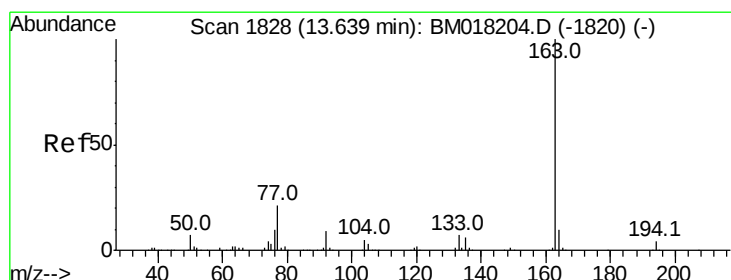
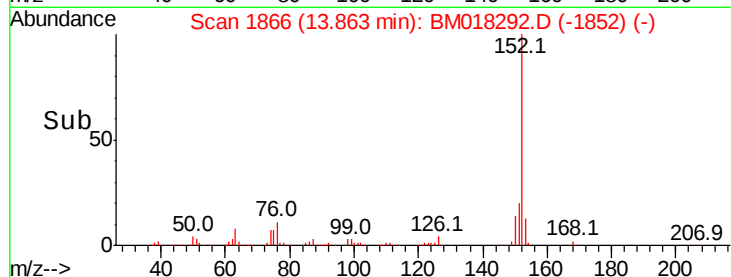
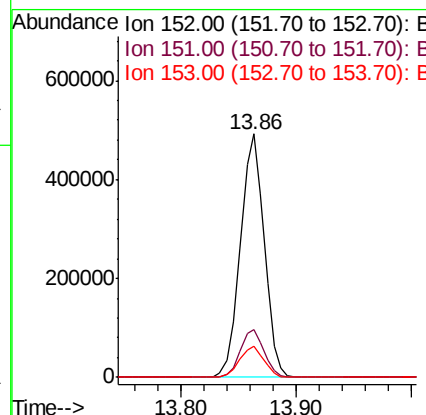
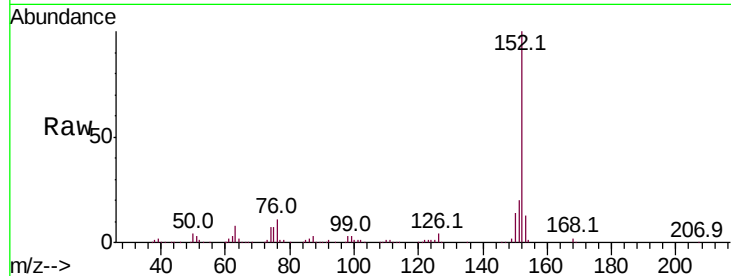
ClientSampleId :

PB115752BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.0	24.0
153	12.8	10.2	15.2

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#50

Dimethylphthalate

Concen: 41.043 ng

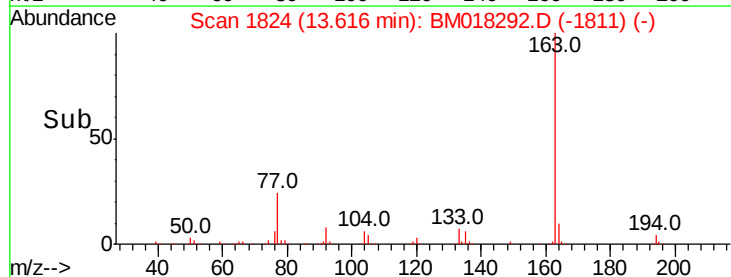
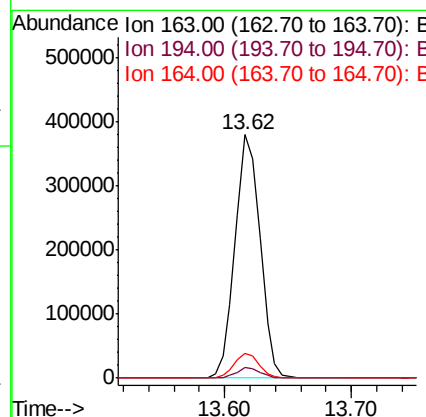
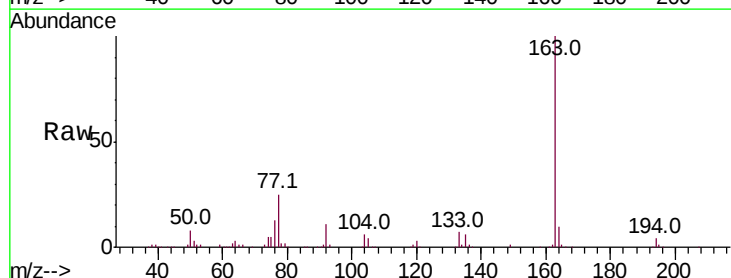
RT: 13.62 min Scan# 1824

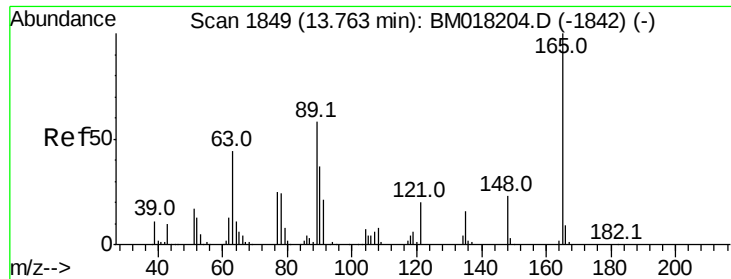
Delta R.T. -0.02 min

Lab File: BM018292.D

Acq: 19 Dec 2018 11:29

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.1	4.7
164	10.3	7.9	11.9





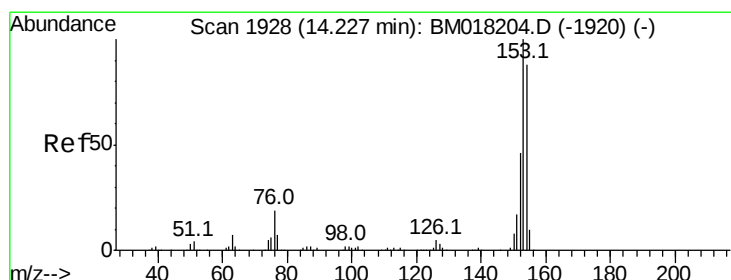
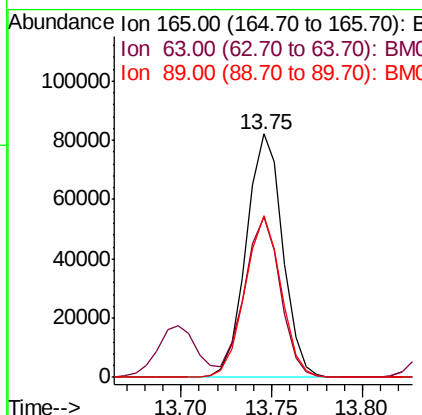
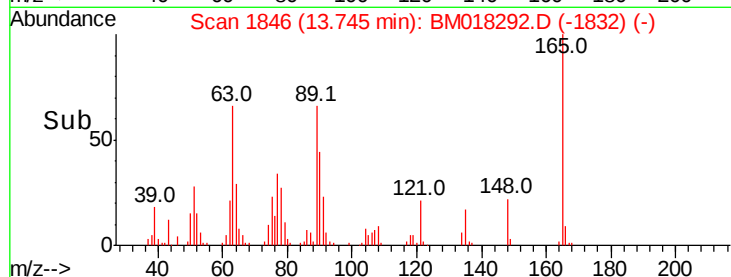
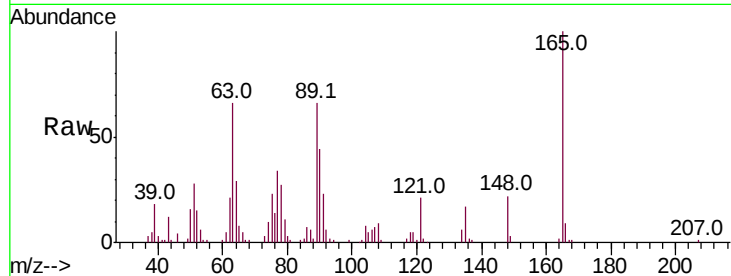
#51
 2,6-Dinitrotoluene
 Concen: 41.197 ng
 RT: 13.75 min Scan# 1846
 Delta R.T. -0.02 min
 Lab File: BM018292.D
 Acq: 19 Dec 2018 11:29

Instrument :
 BNA_M
 ClientSampleID :
 PB115752BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	114681		
63	66.0	46.6	69.8	
89	66.5	46.3	69.5	

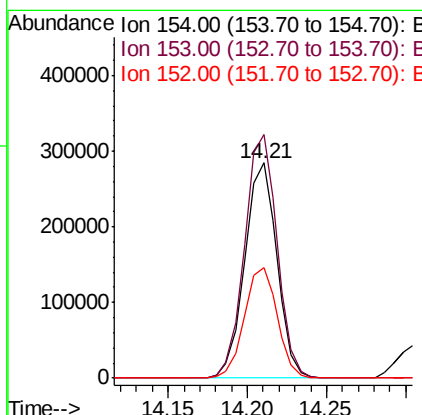
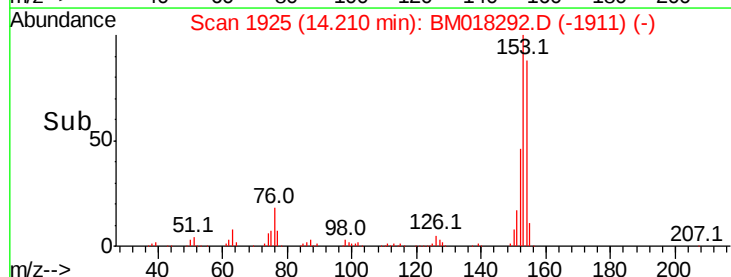
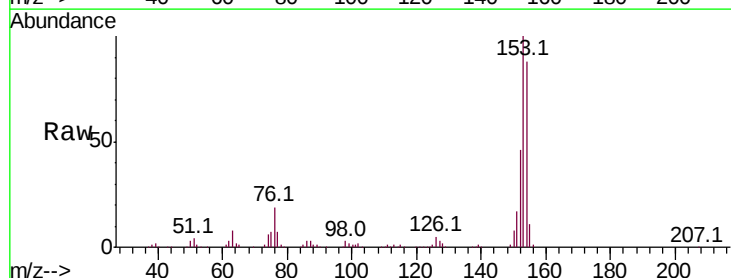
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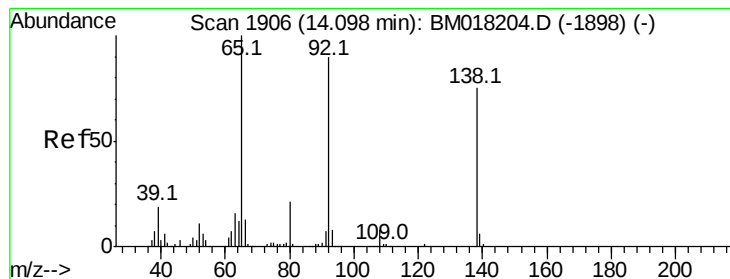
Sohil
 12/20/2018 2:55:02 PM



#52
 Acenaphthene
 Concen: 43.179 ng
 RT: 14.21 min Scan# 1925
 Delta R.T. -0.02 min
 Lab File: BM018292.D
 Acq: 19 Dec 2018 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	401063		
153	113.2	90.4	135.6	
152	51.5	41.2	61.8	





#53

3-Nitroaniline

Concen: 26.735 ng

RT: 14.08 min Scan# 1903

Delta R.T. -0.02 min

Lab File: BM018292.D

Acq: 19 Dec 2018 11:29

Instrument :

BNA_M

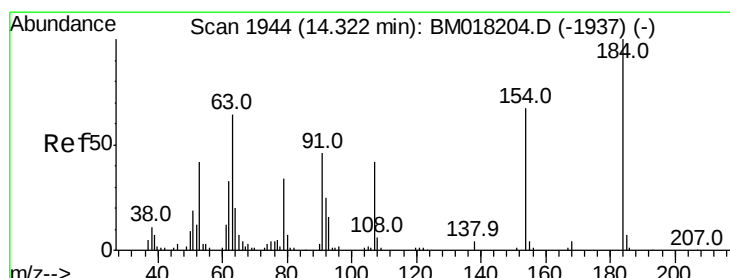
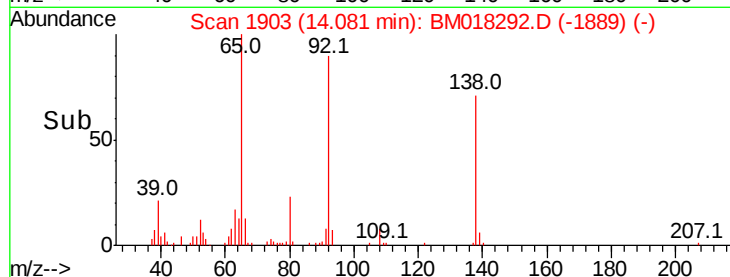
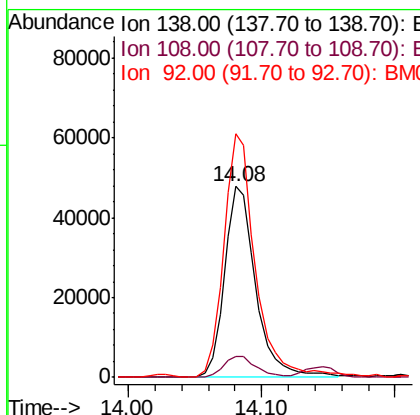
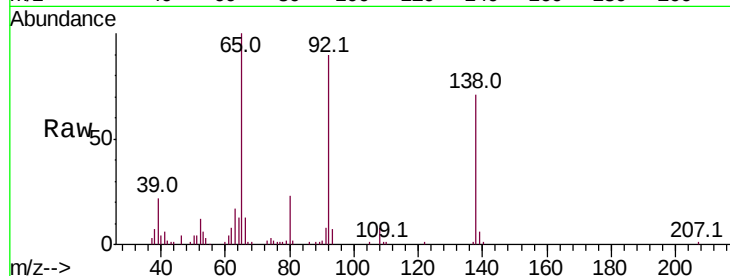
ClientSampleId :

PB115752BS

Tot Ion:138	Resp:	78321
Ion Ratio	Lower	Upper
138	100	
108	10.9	8.4 12.6
92	127.4	94.9 142.3

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#54

2,4-Dinitrophenol

Concen: 67.995 ng

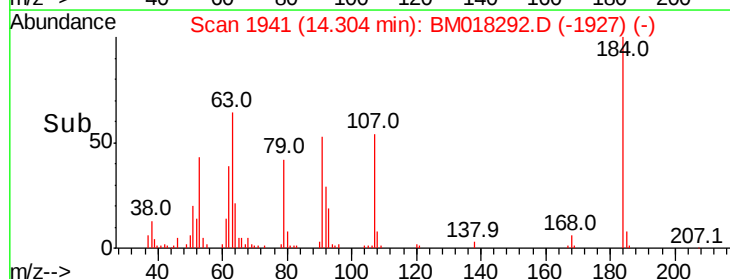
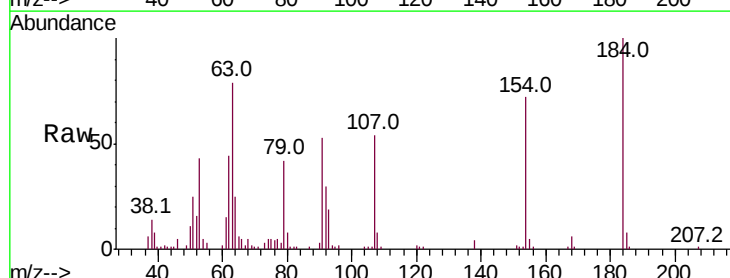
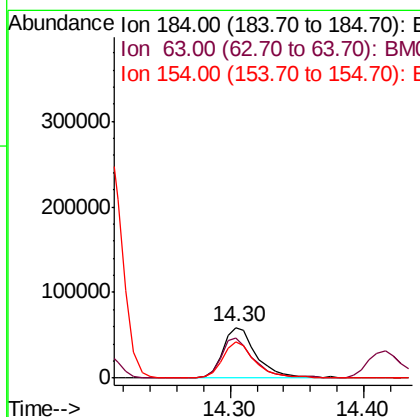
RT: 14.30 min Scan# 1941

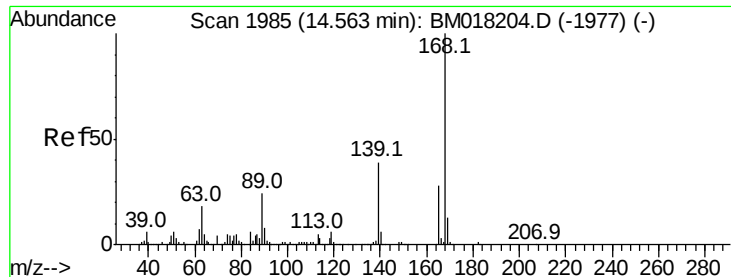
Delta R.T. -0.02 min

Lab File: BM018292.D

Acq: 19 Dec 2018 11:29

Tgt Ion:184	Resp:	104413
Ion Ratio	Lower	Upper
184	100	
63	78.9	51.6 77.4#
154	71.9	54.0 81.0





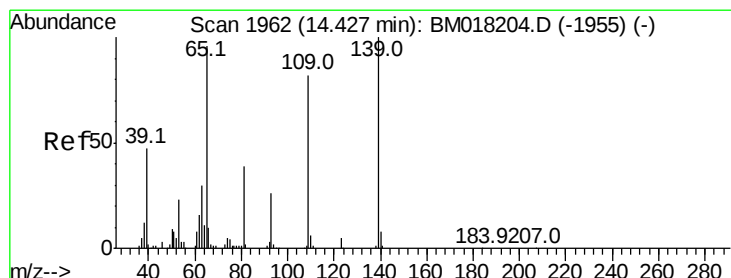
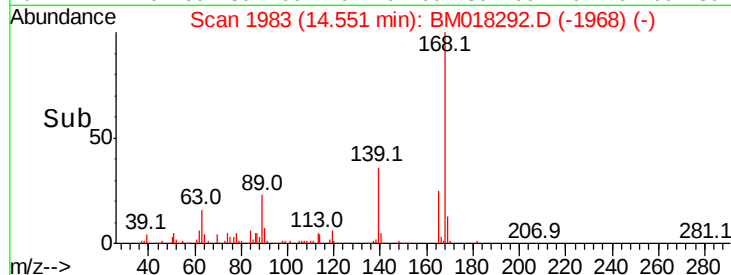
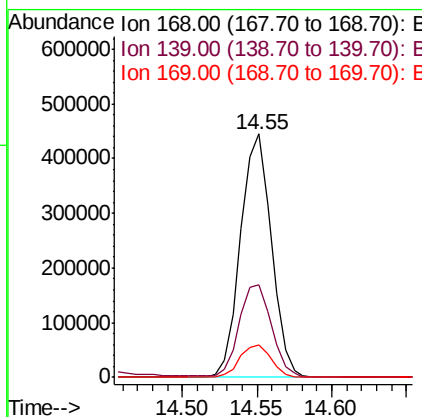
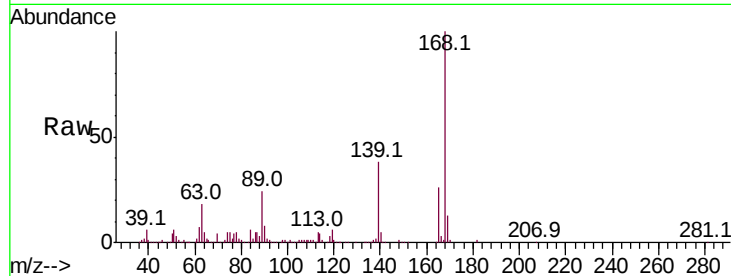
#55
Dibenzofuran
Concen: 42.846 ng
RT: 14.55 min Scan# 1983
Delta R.T. -0.01 min
Lab File: BM018292.D
Acq: 19 Dec 2018 11:29

Instrument :
BNA_M
ClientSampleId :
PB115752BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.0	31.2	46.8
169	13.3	10.4	15.6

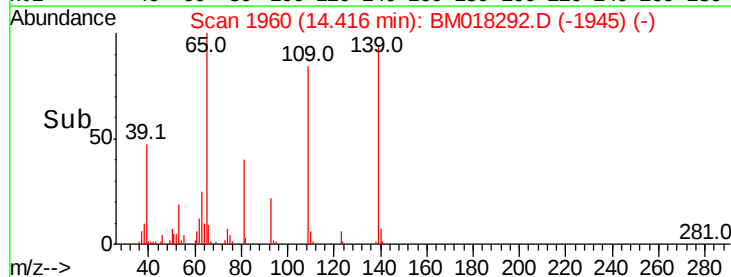
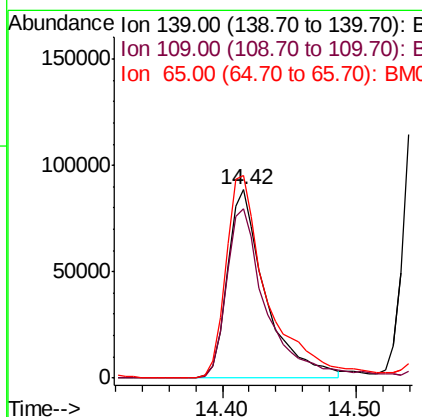
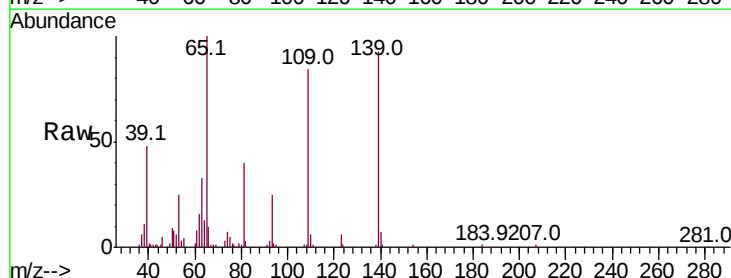
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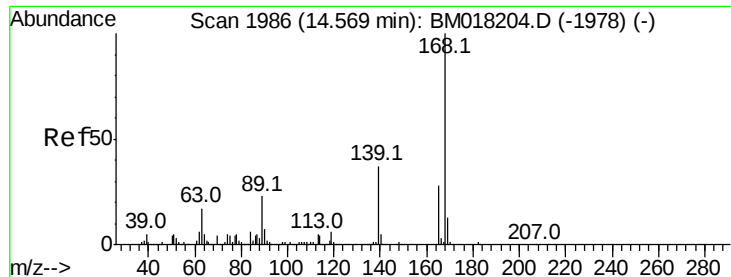
Sohil
12/20/2018 2:55:02 PM



#56
4-Nitrophenol
Concen: 79.534 ng
RT: 14.42 min Scan# 1960
Delta R.T. -0.01 min
Lab File: BM018292.D
Acq: 19 Dec 2018 11:29

Tgt Ion	Ratio	Lower	Upper
139	100		
109	89.8	62.3	102.3
65	107.5	76.4	116.4





#57

2,4-Dinitrotoluene

Concen: 40.833 ng

RT: 14.55 min Scan# 1983

Delta R.T. -0.02 min

Lab File: BM018292.D

Acq: 19 Dec 2018 11:29

Instrument :

BNA_M

ClientSampleId :

PB115752BS

Tot Ion:165 Resp: 157117
Ion Ratio Lower Upper

165 100

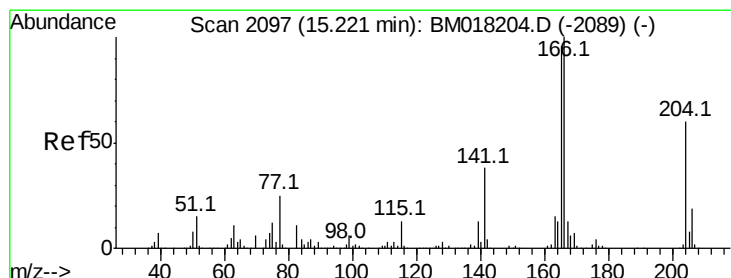
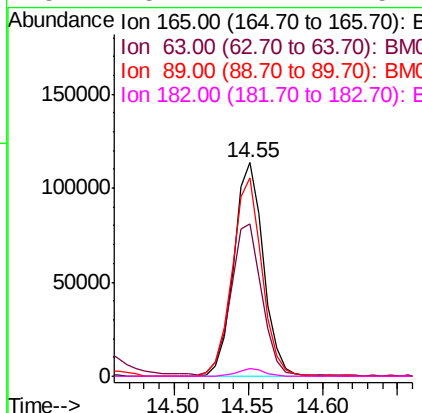
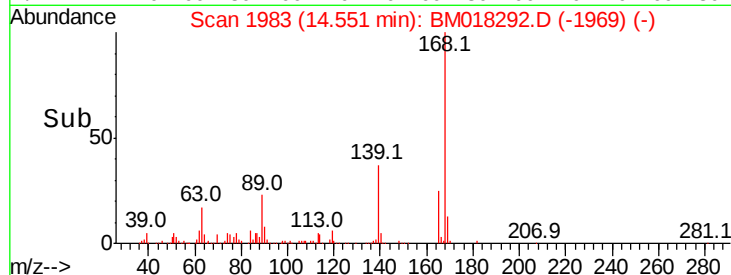
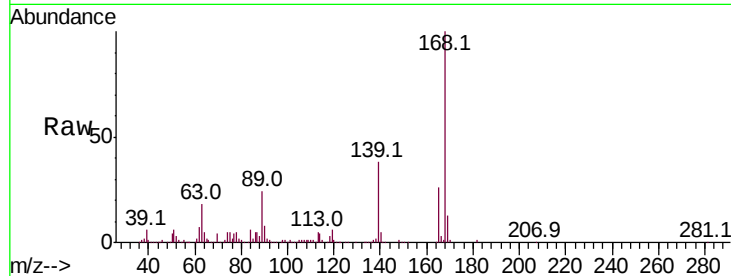
63 71.4 47.2 70.8#

89 93.0 65.8 98.8

182 3.4 2.2 3.4#

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12/20/2018 2:55:02 PM



#58

Fluorene

Concen: 44.424 ng

RT: 15.20 min Scan# 2094

Delta R.T. -0.02 min

Lab File: BM018292.D

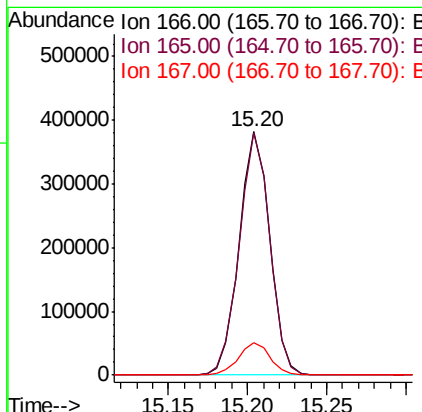
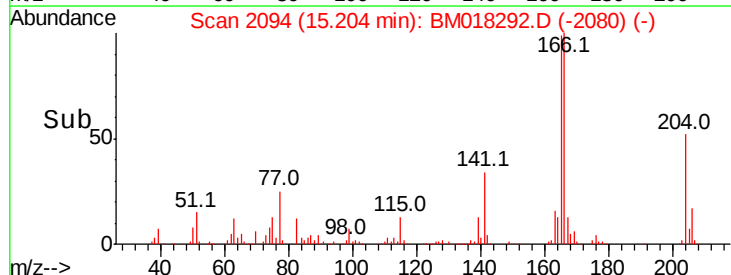
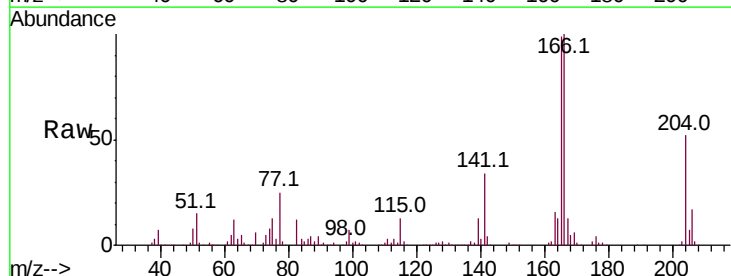
Acq: 19 Dec 2018 11:29

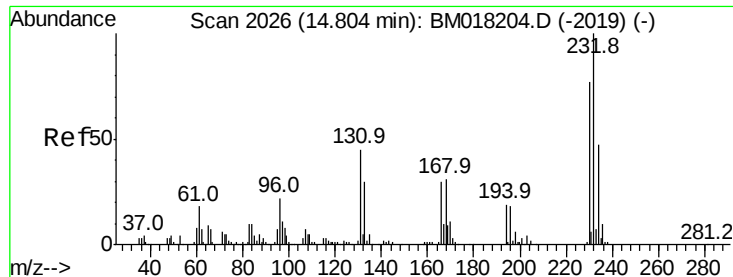
Tgt Ion:166 Resp: 512087
Ion Ratio Lower Upper

166 100

165 99.3 76.9 115.3

167 13.5 10.5 15.7





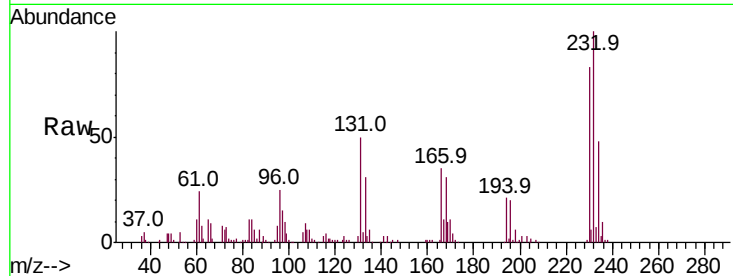
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.082 ng
RT: 14.79 min Scan# 2023
Delta R.T. -0.02 min
Lab File: BM018292.D
Acq: 19 Dec 2018 11:29

Instrument :
BNA_M
ClientSampleId :
PB115752BS

Tot Ion	Ratio	Resp Lower	Resp Upper
232	100		
131	47.7	36.2	54.2
130	2.8	1.8	2.6
166	32.6	24.8	37.2

Manual Integrations
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12/20/2018 2:55:02 PM



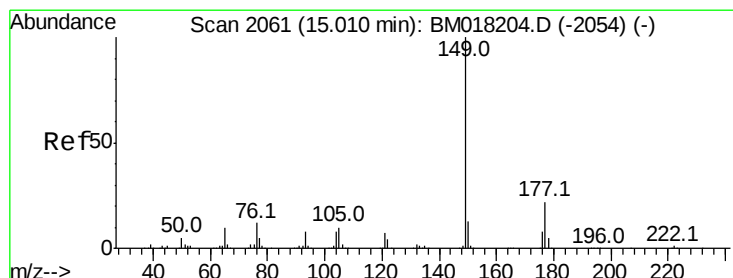
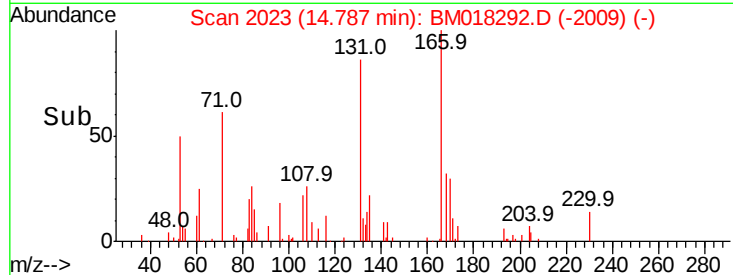
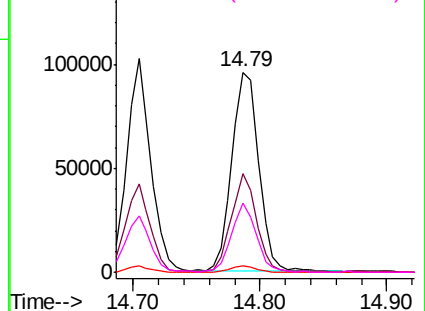
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 38.405 ng
RT: 14.99 min Scan# 2058
Delta R.T. -0.02 min
Lab File: BM018292.D
Acq: 19 Dec 2018 11:29

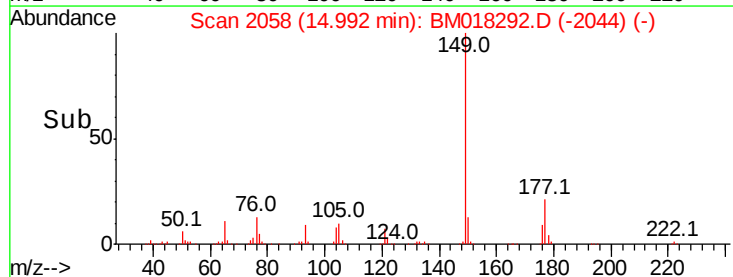
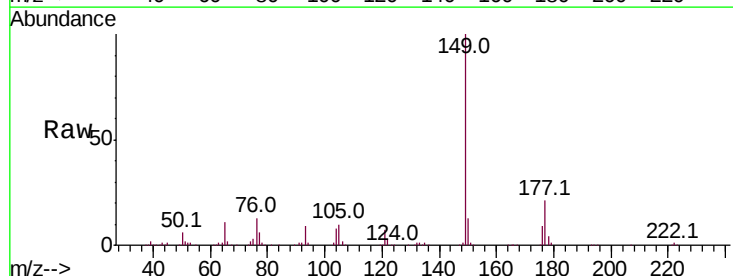
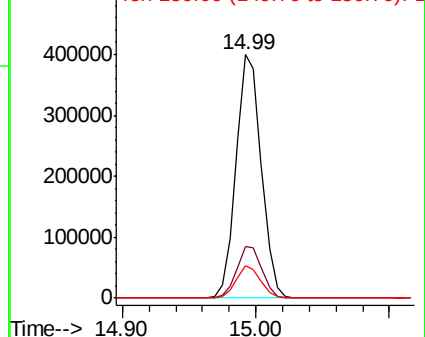
Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	21.0	17.8	26.8
150	13.2	10.3	15.5

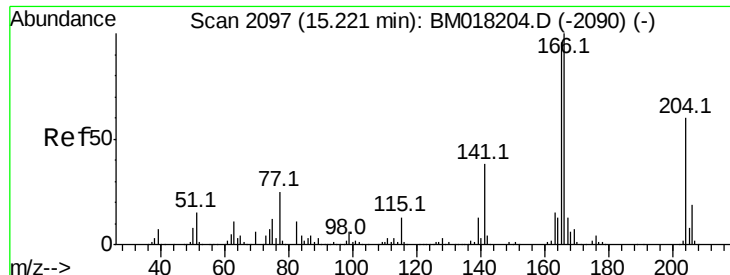
Abundance

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





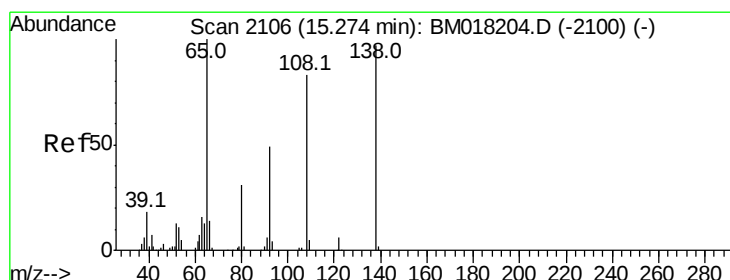
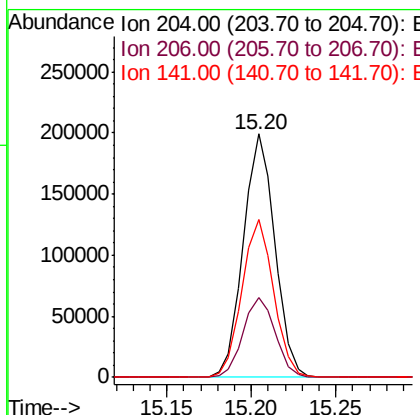
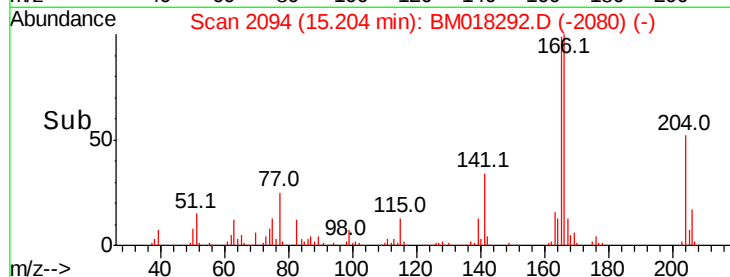
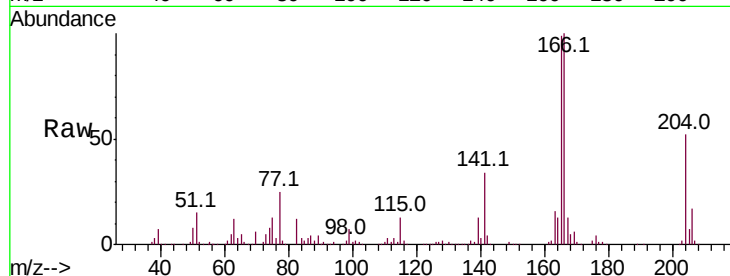
#61
 4-Chlorophenyl-phenylether
 Concen: 39.852 ng
 RT: 15.20 min Scan# 2094
 Delta R.T. -0.02 min
 Lab File: BM018292.D
 Acq: 19 Dec 2018 11:29

Instrument :
 BNA_M
 ClientSampleID :
 PB115752BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	259808		
206	32.6		25.8	38.6
141	64.9		50.2	75.4

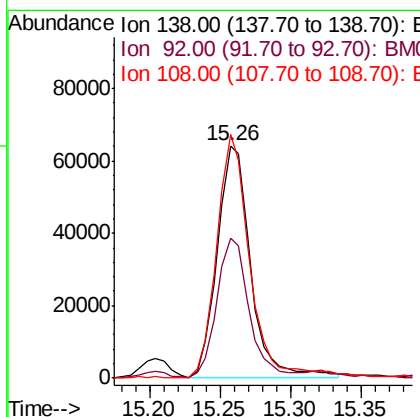
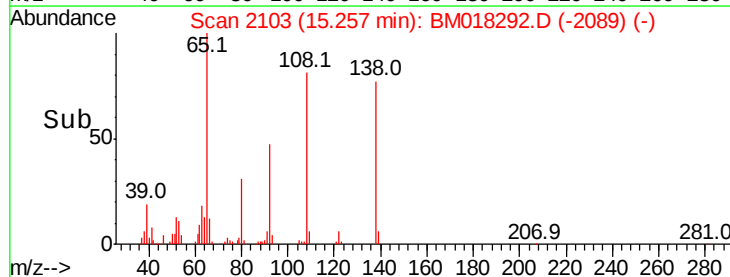
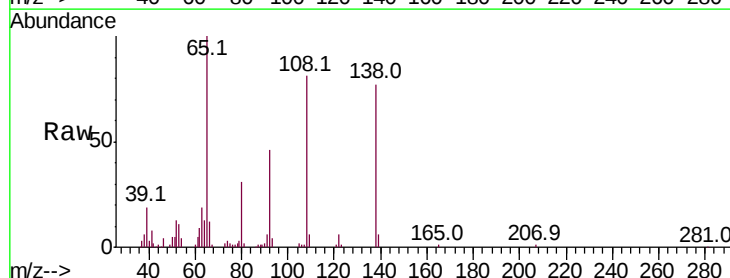
Manual Integrations
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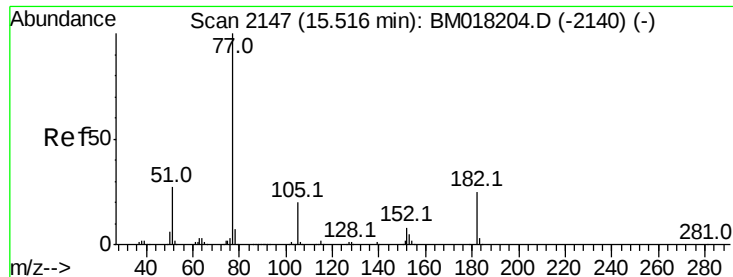
Sohil
 12/20/2018 2:55:02 PM



#62
 4-Nitroaniline
 Concen: 38.240 ng
 RT: 15.26 min Scan# 2103
 Delta R.T. -0.02 min
 Lab File: BM018292.D
 Acq: 19 Dec 2018 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	106296		
92	60.2		31.1	71.1
108	104.9		65.0	105.0





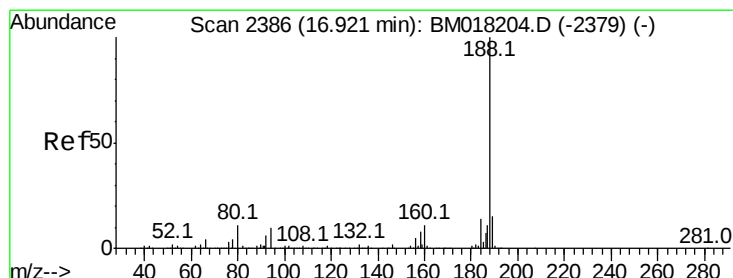
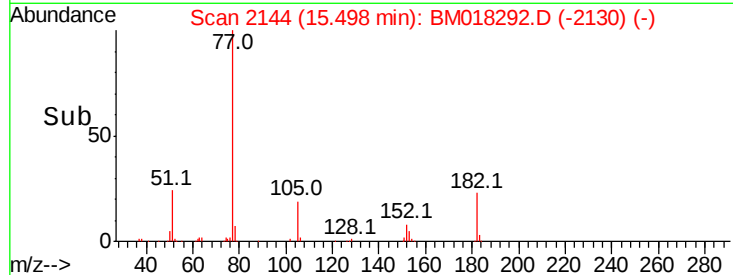
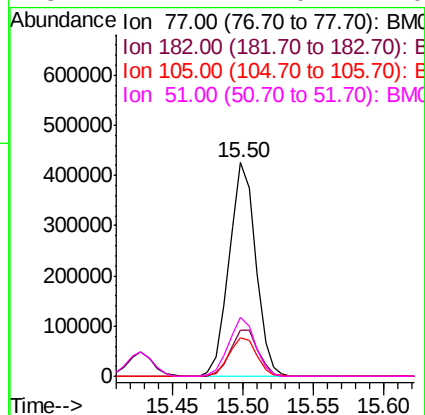
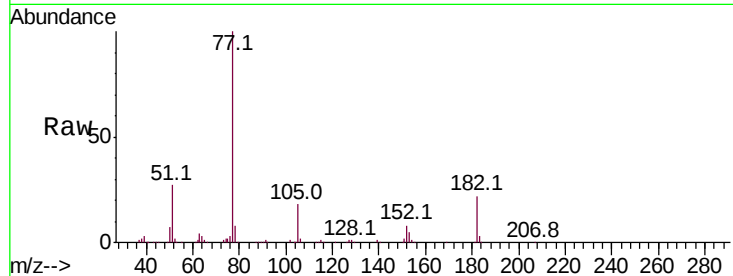
#63
Azobenzene
Concen: 44.651 ng
RT: 15.50 min Scan# 2144
Delta R.T. -0.02 min
Lab File: BM018292.D
Acq: 19 Dec 2018 11:29

Instrument :
BNA_M
ClientSampleId :
PB115752BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	21.6	4.6	44.6		
105	18.3	0.2	40.2		
51	27.4	7.0	47.0		

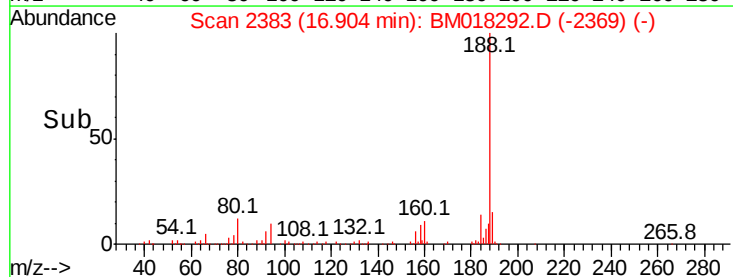
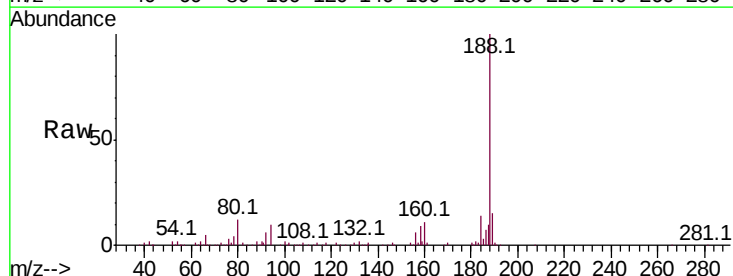
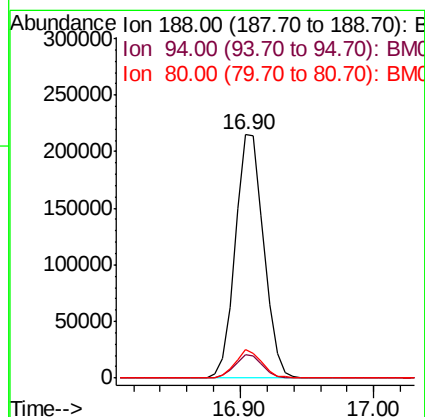
Manual Integrations
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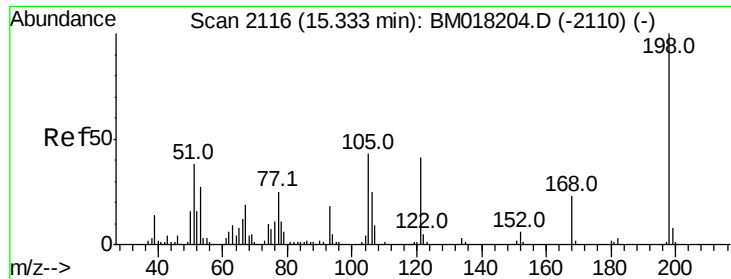
Sohil
12/20/2018 2:55:02 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.90 min Scan# 2383
Delta R.T. -0.02 min
Lab File: BM018292.D
Acq: 19 Dec 2018 11:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	9.6	8.0	12.0		
80	11.9	9.0	13.6		





#65

4,6-Dinitro-2-methylphenol

Concen: 30.063 ng

RT: 15.32 min Scan# 2114

Delta R.T. -0.01 min

Lab File: BM018292.D

Acq: 19 Dec 2018 11:29

Instrument :

BNA_M

ClientSampleId :

PB115752BS

Tot Ion:198 Resp: 70493

Ion Ratio Lower Upper

198 100

51 44.6 18.6 58.6

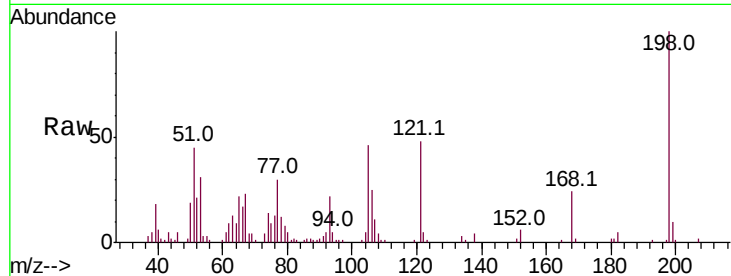
105 46.5 22.9 62.9

Manual Integrations

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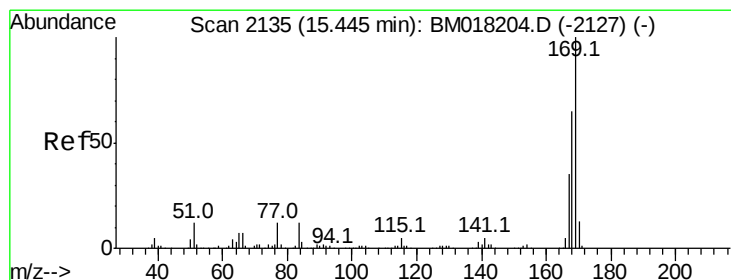
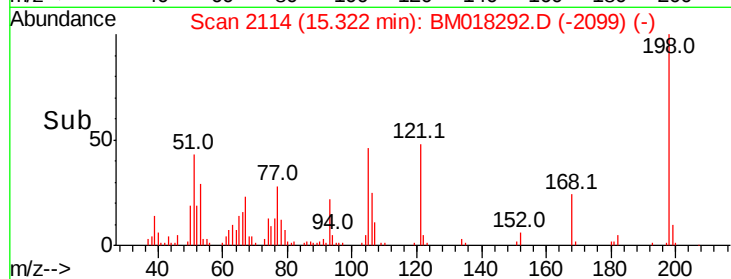
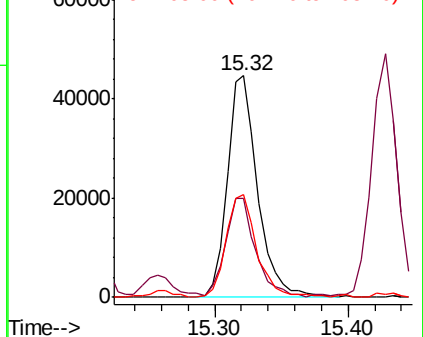
12/20/2018 2:55:02 PM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.515 ng

RT: 15.43 min Scan# 2132

Delta R.T. -0.02 min

Lab File: BM018292.D

Acq: 19 Dec 2018 11:29

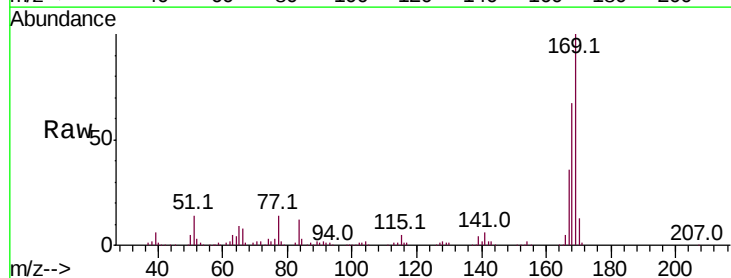
Tgt Ion:169 Resp: 437264

Ion Ratio Lower Upper

169 100

168 67.4 52.2 78.4

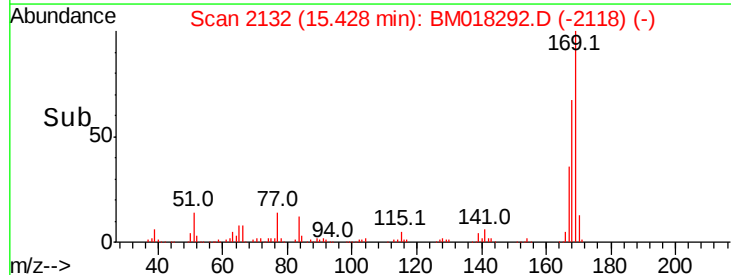
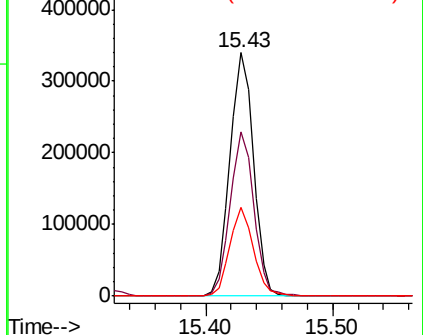
167 36.2 27.6 41.4

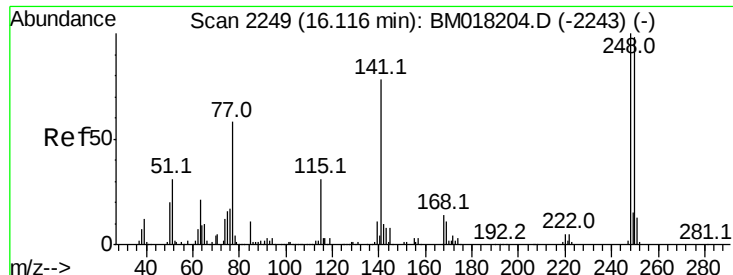


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





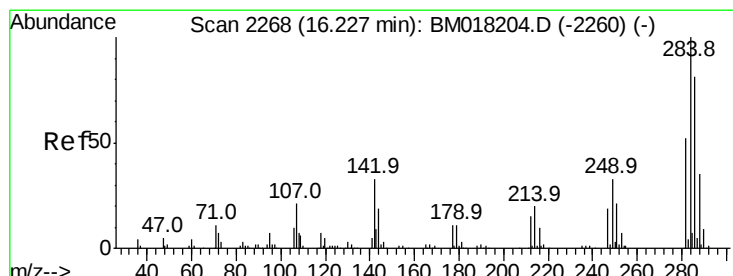
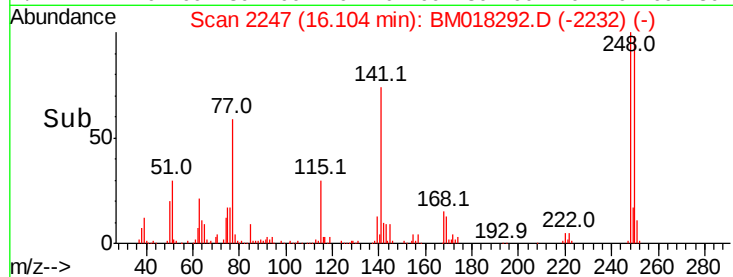
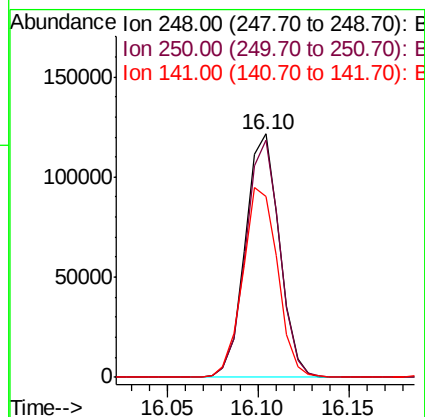
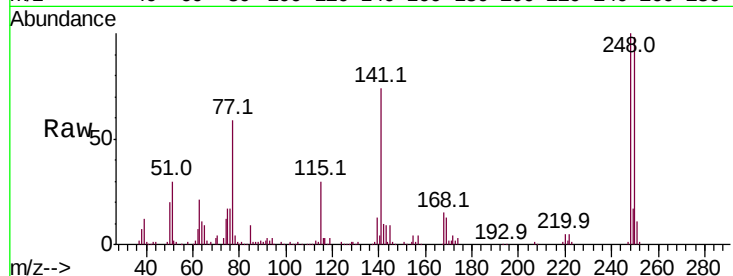
#67
4-Bromophenyl-phenylether
Concen: 41.202 ng
RT: 16.10 min Scan# 2247
Delta R.T. -0.01 min
Lab File: BM018292.D
Acq: 19 Dec 2018 11:29

Instrument :
BNA_M
ClientSampleId :
PB115752BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.6	78.7	118.1
141	74.1	62.2	93.4

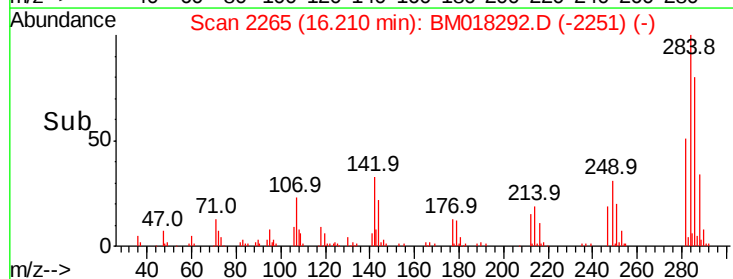
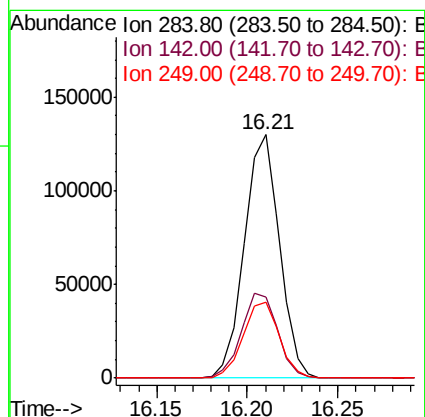
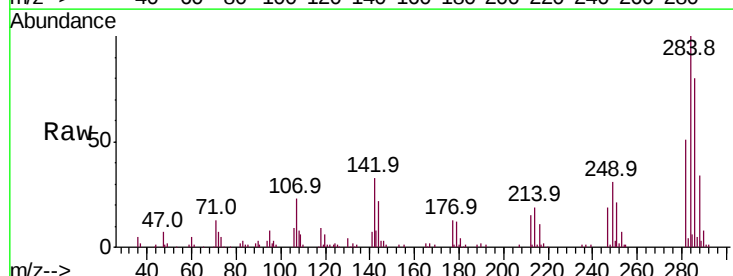
Manual Integrations
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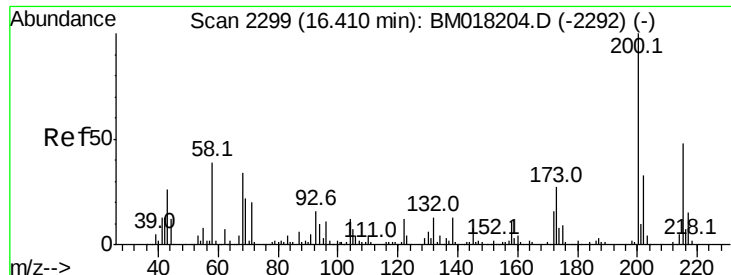
Sohil
12/20/2018 2:55:02 PM



#68
Hexachlorobenzene
Concen: 41.502 ng
RT: 16.21 min Scan# 2265
Delta R.T. -0.02 min
Lab File: BM018292.D
Acq: 19 Dec 2018 11:29

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.3	26.2	39.4
249	31.1	26.2	39.2





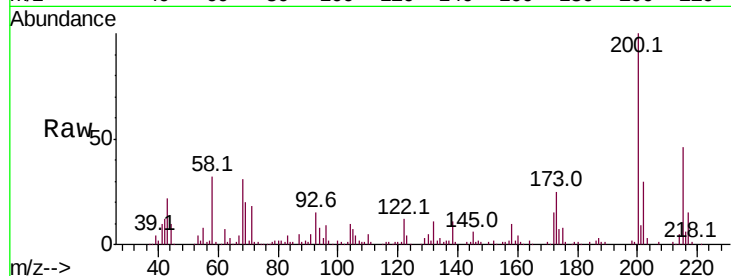
#69
Atrazine
Concen: 44.530 ng
RT: 16.40 min Scan# 2297
Delta R.T. -0.01 min
Lab File: BM018292.D
Acq: 19 Dec 2018 11:29

Instrument :
BNA_M
ClientSampleId :
PB115752BS

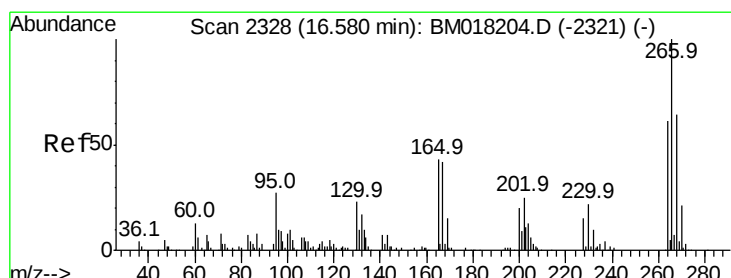
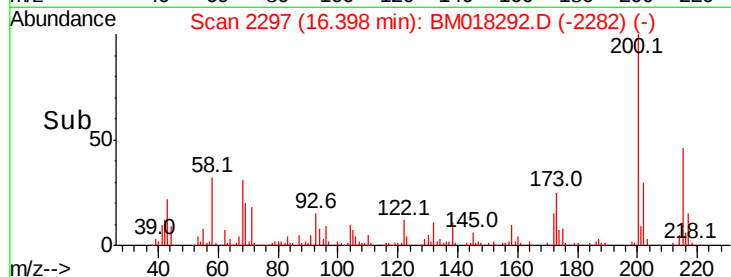
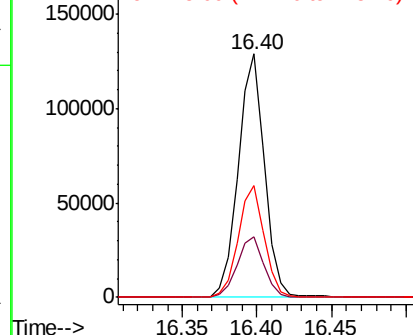
Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	24.6	6.9	46.9
215	45.8	27.9	67.9

Manual Integrations
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Sohil
12/20/2018 2:55:02 PM

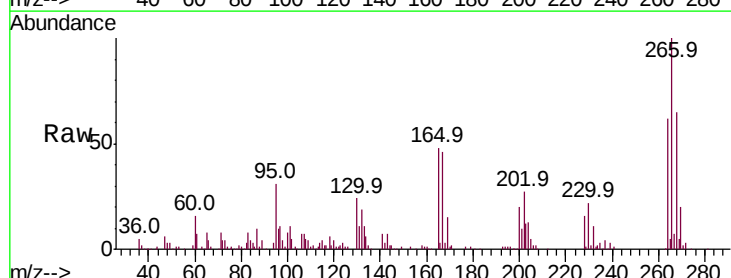


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

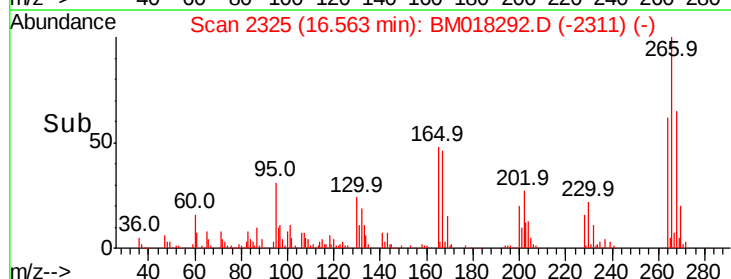
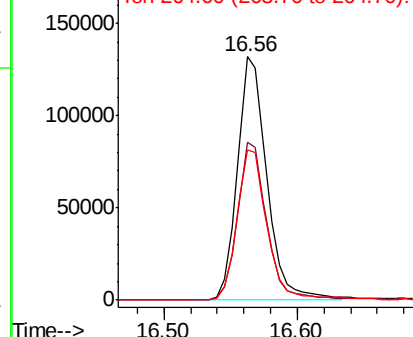


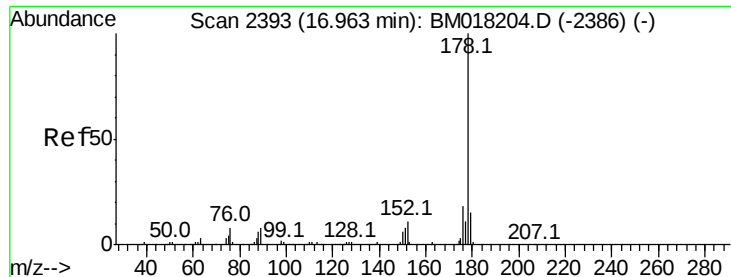
#70
Pentachlorophenol
Concen: 72.801 ng
RT: 16.56 min Scan# 2325
Delta R.T. -0.02 min
Lab File: BM018292.D
Acq: 19 Dec 2018 11:29

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.7	51.1	76.7
264	61.9	49.0	73.4



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





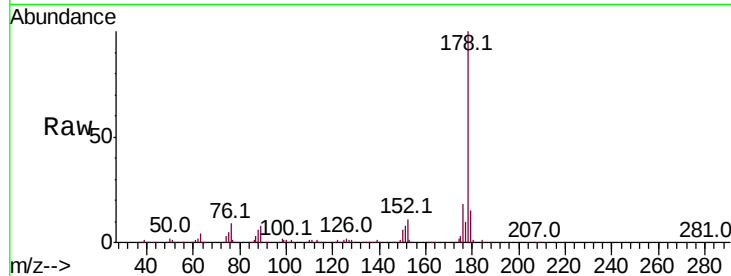
#71
Phenanthrene
Concen: 44.723 ng
RT: 16.95 min Scan# 2391
Delta R.T. -0.01 min
Lab File: BM018292.D
Acq: 19 Dec 2018 11:29

Instrument :
BNA_M
ClientSampleId :
PB115752BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.7	22.1
179	15.2	12.0	18.0

Manual Integrations
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12/20/2018 2:55:02 PM

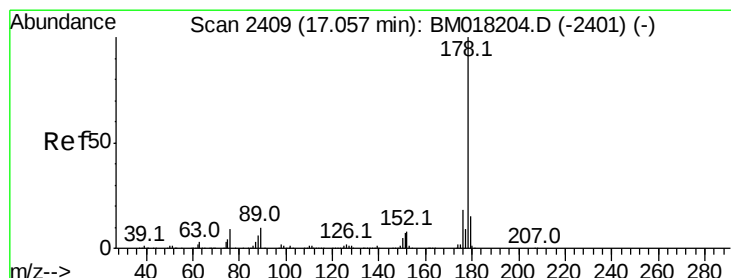
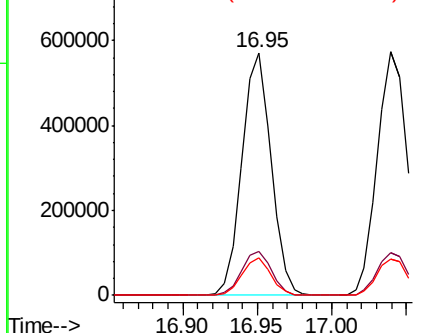
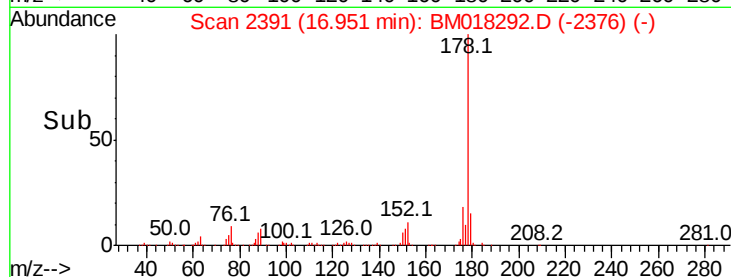


Abundance

Ion 178.00 (177.70 to 178.70): E

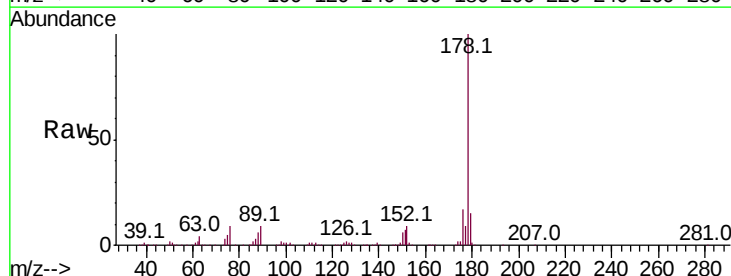
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72
Anthracene
Concen: 46.722 ng
RT: 17.04 min Scan# 2406
Delta R.T. -0.02 min
Lab File: BM018292.D
Acq: 19 Dec 2018 11:29

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.3	14.3	21.5
179	14.7	12.0	18.0

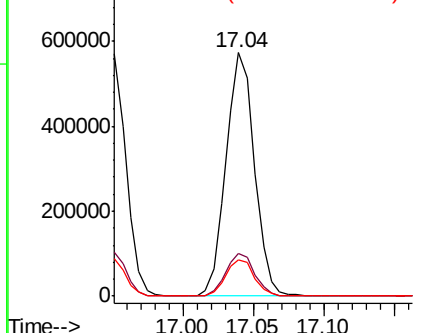
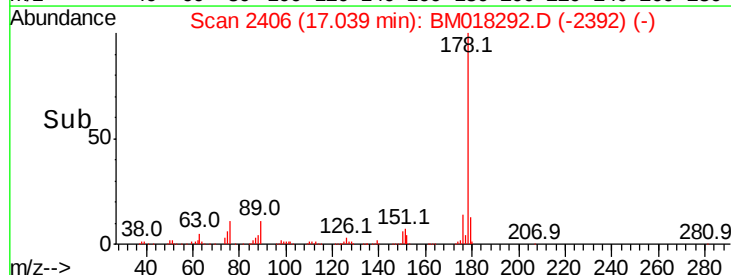


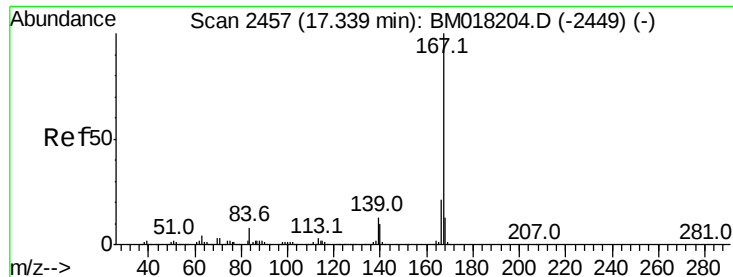
Abundance

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





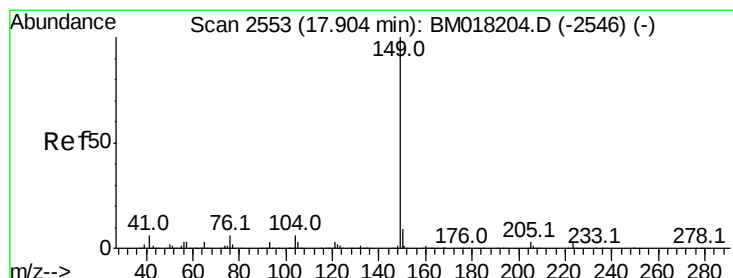
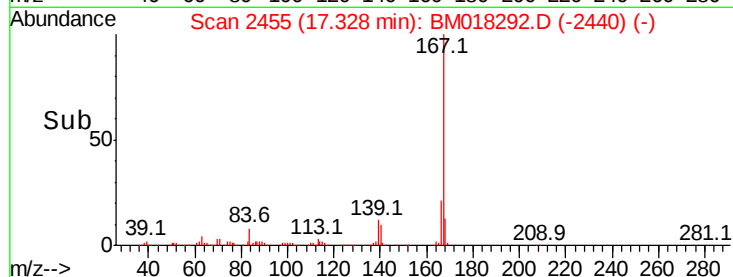
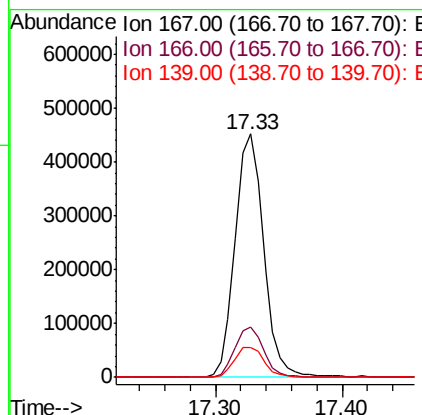
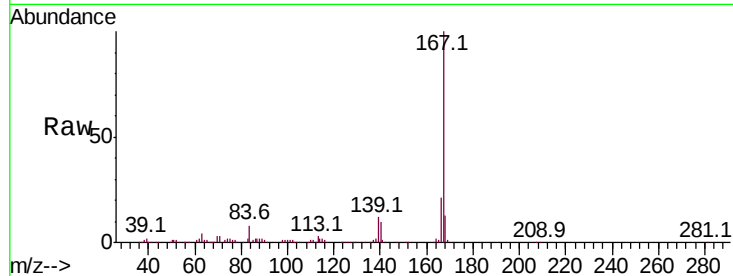
#73
 Carbazole
 Concen: 40.064 ng
 RT: 17.33 min Scan# 2455
 Delta R.T. -0.01 min
 Lab File: BM018292.D
 Acq: 19 Dec 2018 11:29

Instrument :
 BNA_M
 ClientSampleId :
 PB115752BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	20.8	16.8	25.2
139	12.5	10.3	15.5

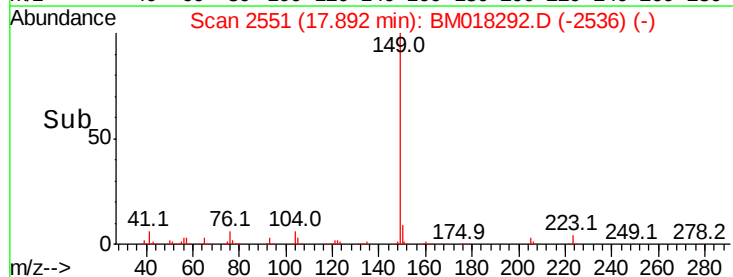
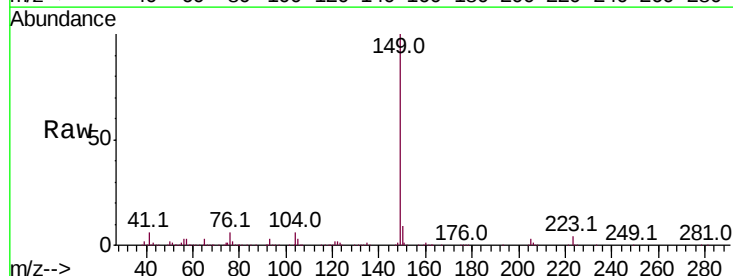
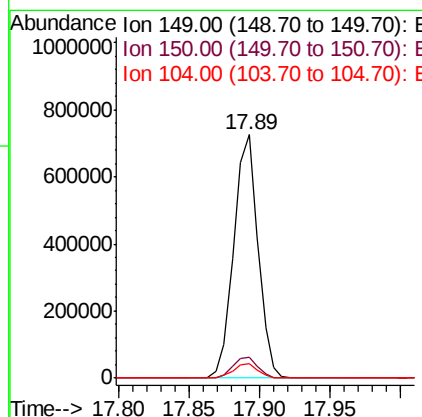
Manual Integrations
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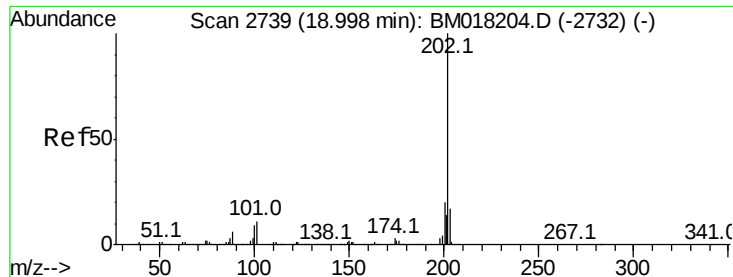
Sohil
 12/20/2018 2:55:02 PM



#74
 Di-n-butylphthalate
 Concen: 39.981 ng
 RT: 17.89 min Scan# 2551
 Delta R.T. -0.01 min
 Lab File: BM018292.D
 Acq: 19 Dec 2018 11:29

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.6	7.3	10.9
104	5.8	4.8	7.2





#75

Fluoranthene

Concen: 45.355 ng

RT: 18.98 min Scan# 2736

Delta R.T. -0.02 min

Lab File: BM018292.D

Acq: 19 Dec 2018 11:29

Instrument :

BNA_M

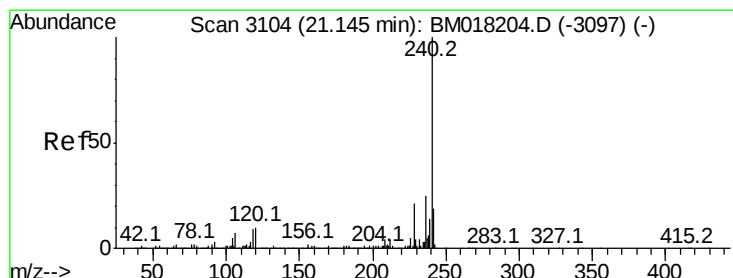
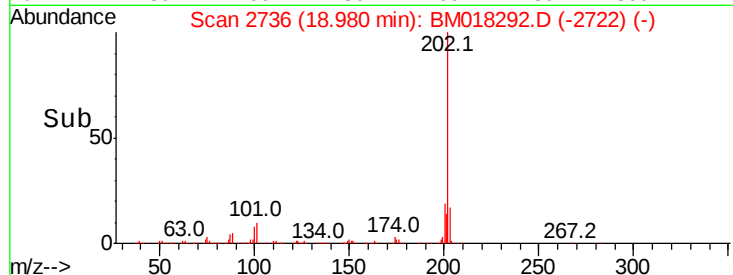
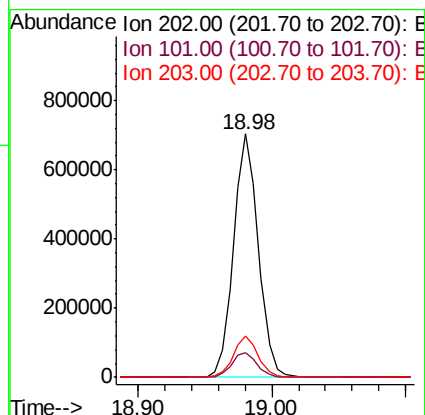
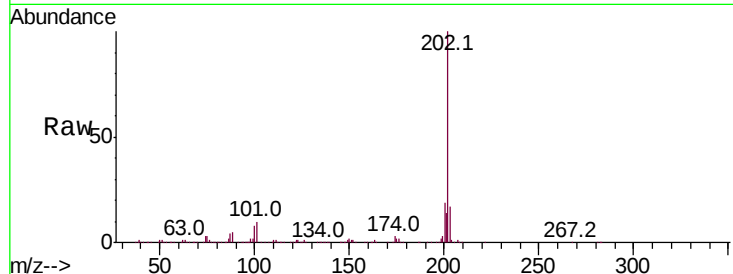
ClientSampleId :

PB115752BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.4	0.0	30.5
203	17.2	0.0	37.5

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#76

Chrysene-d12

Concen: 20.000 ng

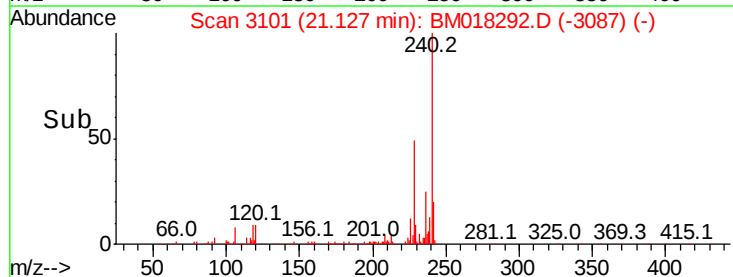
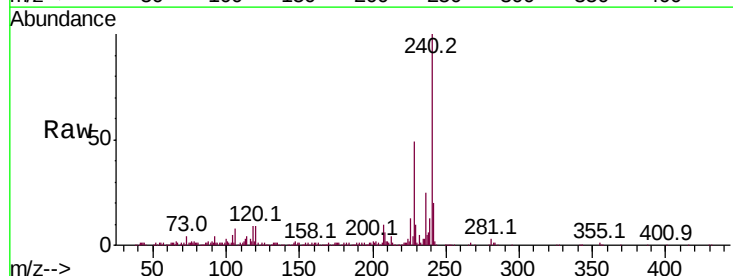
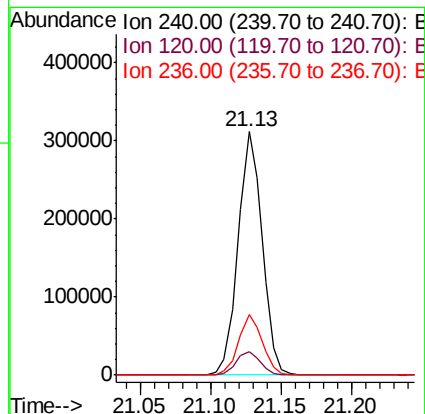
RT: 21.13 min Scan# 3101

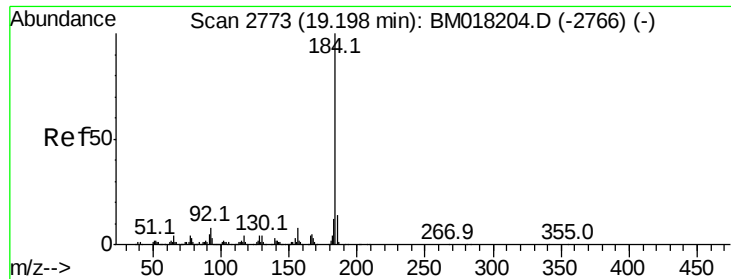
Delta R.T. -0.02 min

Lab File: BM018292.D

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Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	9.5	8.2	12.2
236	24.9	20.3	30.5





#77

Benzidine

Concen: 50.666 ng

RT: 19.19 min Scan# 2772

Delta R.T. -0.01 min

Lab File: BM018292.D

Acq: 19 Dec 2018 11:29

Instrument :

BNA_M

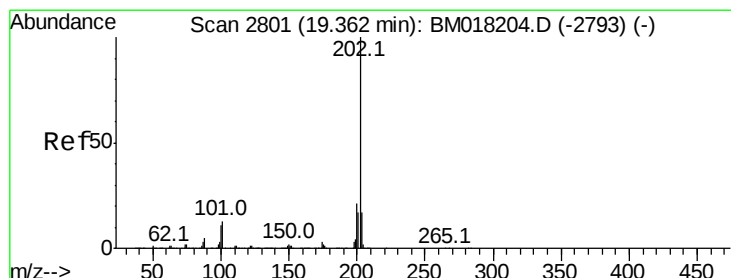
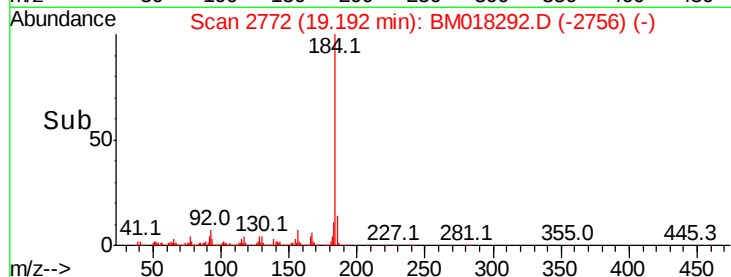
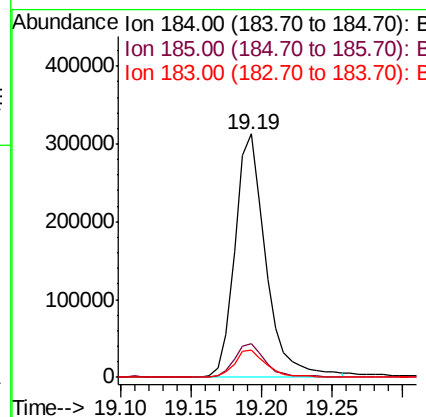
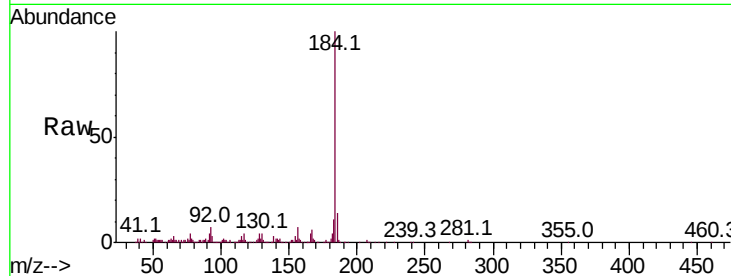
ClientSampleId :

PB115752BS

Tot Ion:	184	Resp:	476536
Ion Ratio	Lower	Upper	
184	100		
185	13.8	11.4	17.2
183	11.3	9.7	14.5

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#78

Pyrene

Concen: 42.575 ng

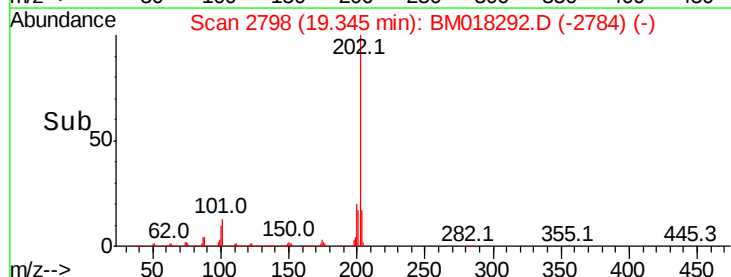
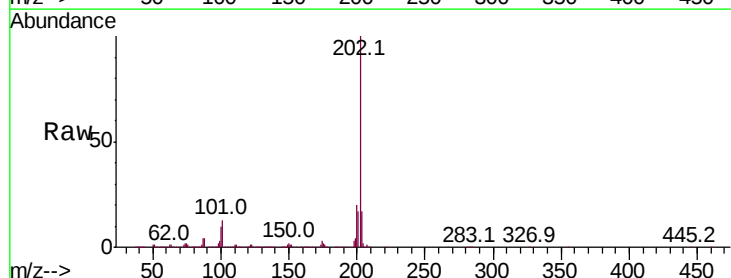
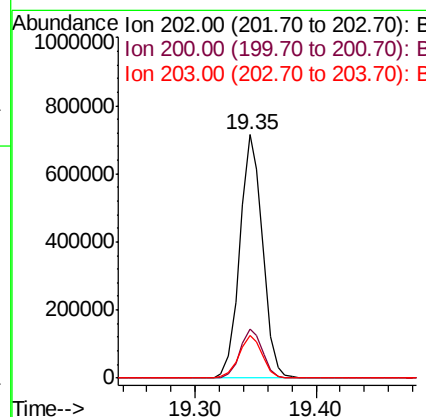
RT: 19.35 min Scan# 2798

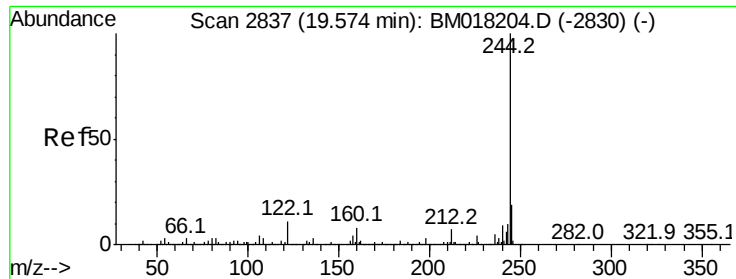
Delta R.T. -0.02 min

Lab File: BM018292.D

Acq: 19 Dec 2018 11:29

Tgt Ion:	202	Resp:	940920
Ion Ratio	Lower	Upper	
202	100		
200	20.1	16.5	24.7
203	17.5	14.0	21.0





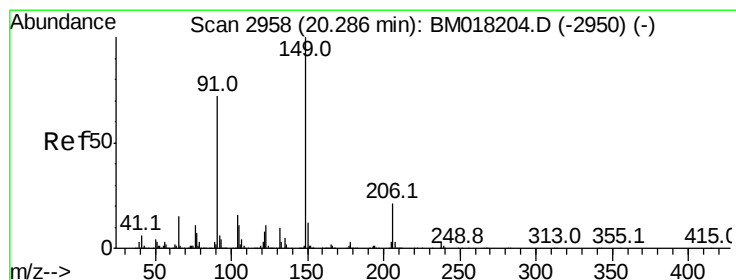
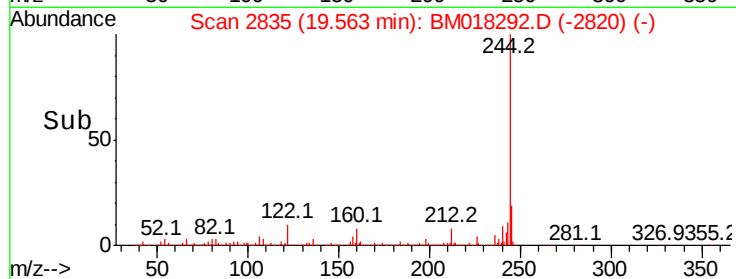
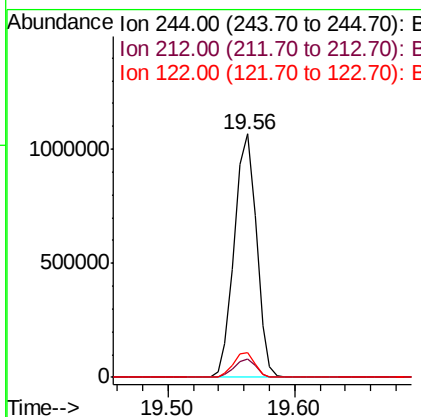
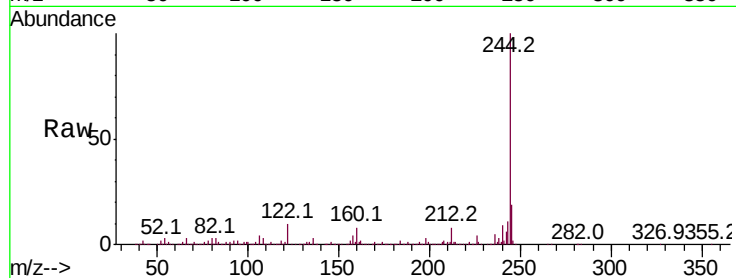
#79
 Terphenyl-d14
 Concen: 78.598 ng
 RT: 19.56 min Scan# 2835
 Delta R.T. -0.01 min
 Lab File: BM018292.D
 Acq: 19 Dec 2018 11:29

Instrument :
 BNA_M
 ClientSampleId :
 PB115752BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.8
122	10.0	9.0	13.6

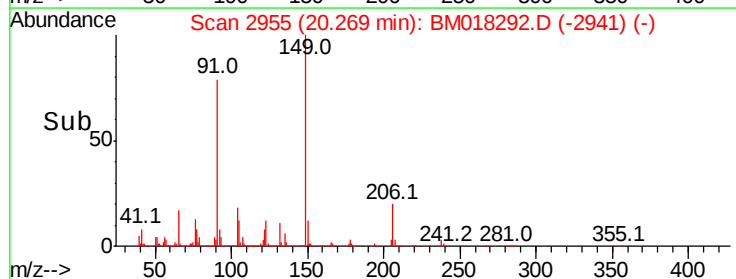
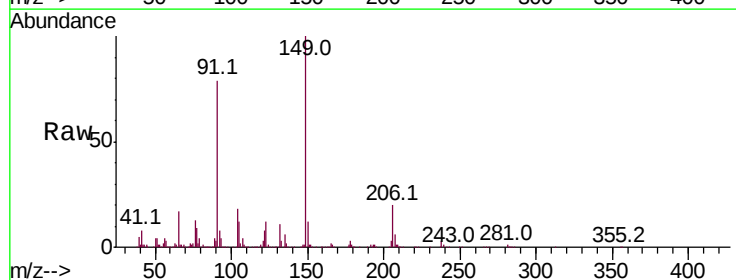
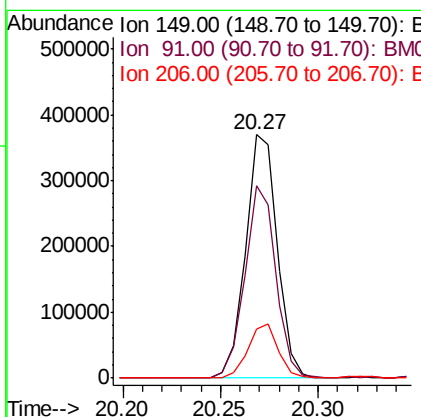
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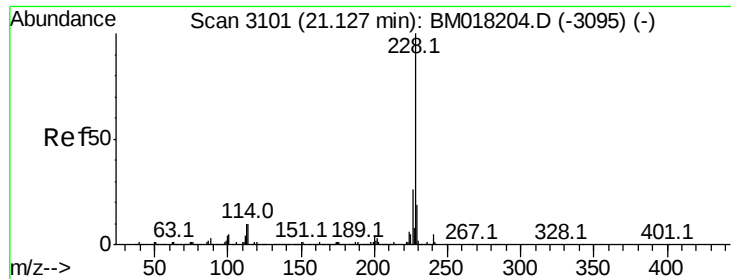
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#80
 Butylbenzylphthalate
 Concen: 39.283 ng
 RT: 20.27 min Scan# 2955
 Delta R.T. -0.02 min
 Lab File: BM018292.D
 Acq: 19 Dec 2018 11:29

Tgt Ion	Ratio	Lower	Upper
149	100		
91	79.0	57.4	86.2
206	20.0	17.0	25.4





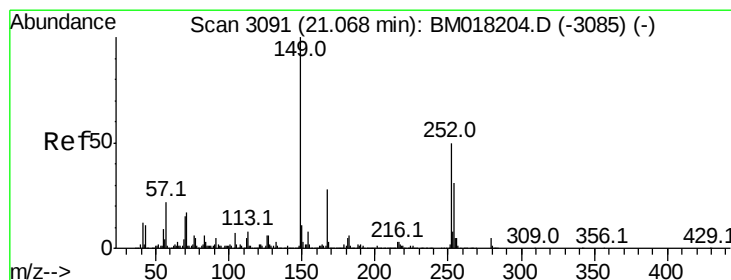
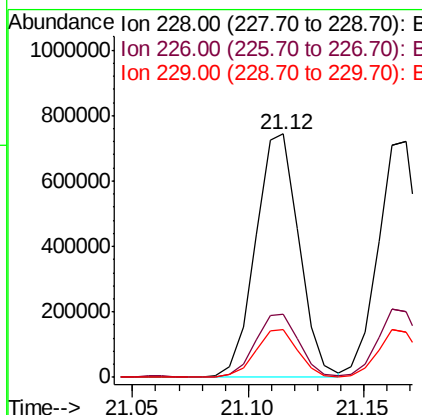
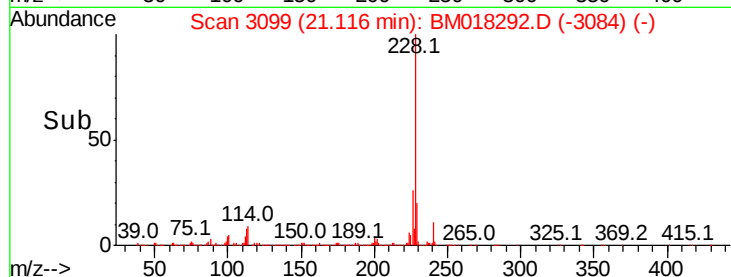
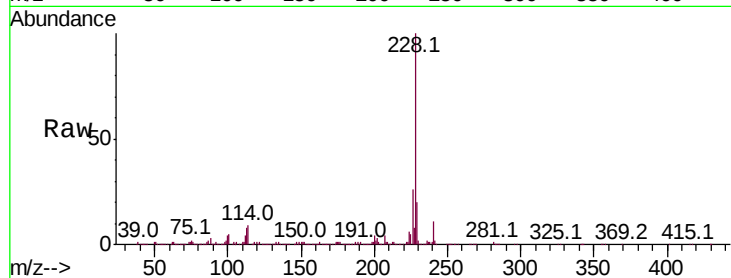
#81
Benzo(a)anthracene
Concen: 44.887 ng
RT: 21.12 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM018292.D
Acq: 19 Dec 2018 11:29

Instrument :
BNA_M
ClientSampleId :
PB115752BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.0	21.0	31.4
229	19.6	15.5	23.3

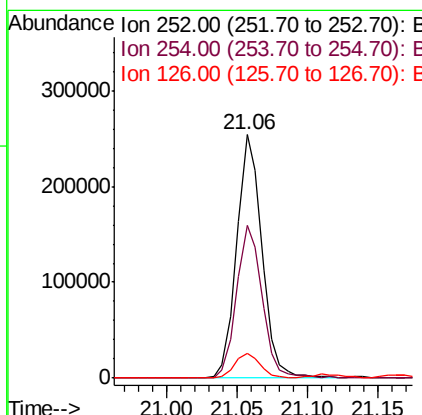
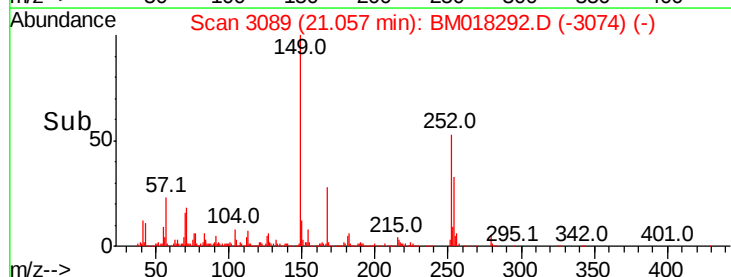
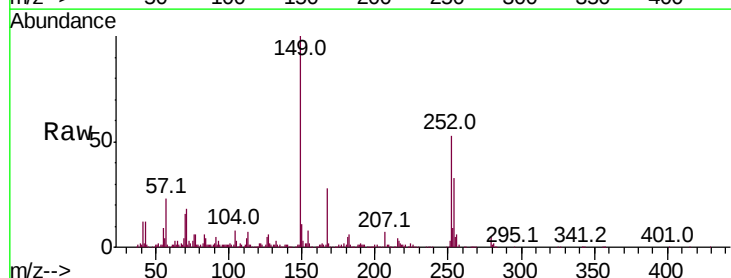
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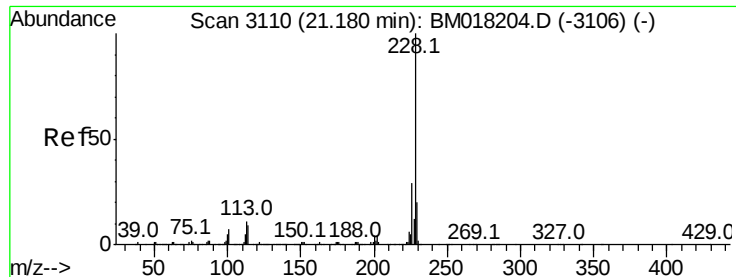
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#82
3,3'-Dichlorobenzidine
Concen: 36.741 ng
RT: 21.06 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BM018292.D
Acq: 19 Dec 2018 11:29

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.6	50.4	75.6
126	10.0	9.4	14.0





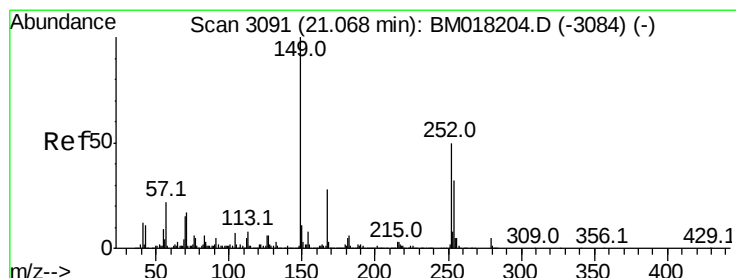
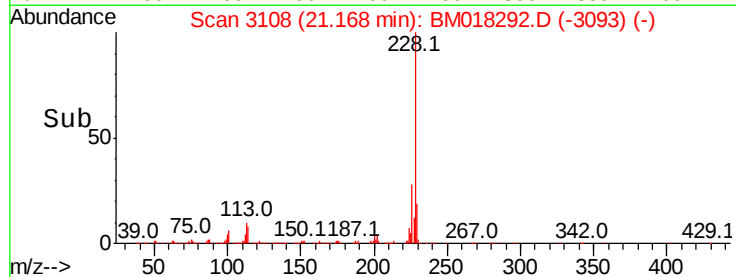
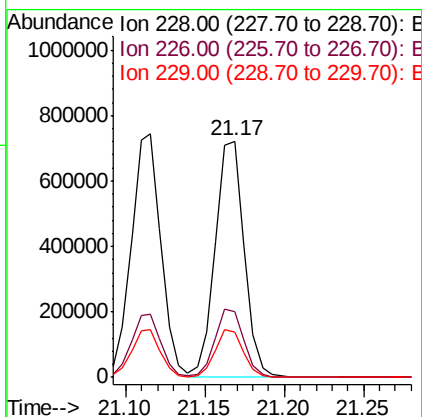
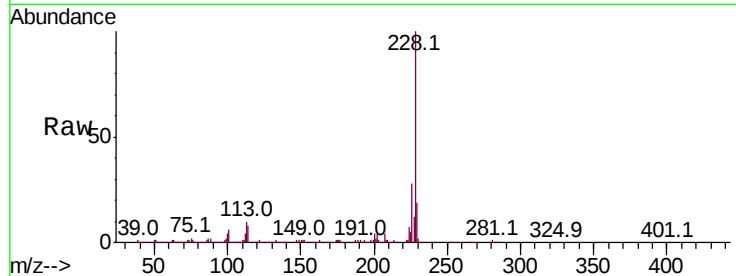
#83
 Chrysene
 Concen: 43.917 ng
 RT: 21.17 min Scan# 3108
 Delta R.T. -0.01 min
 Lab File: BM018292.D
 Acq: 19 Dec 2018 11:29

Instrument :
 BNA_M
 ClientSampleID :
 PB115752BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.8	23.1	34.7
229	19.4	15.8	23.6

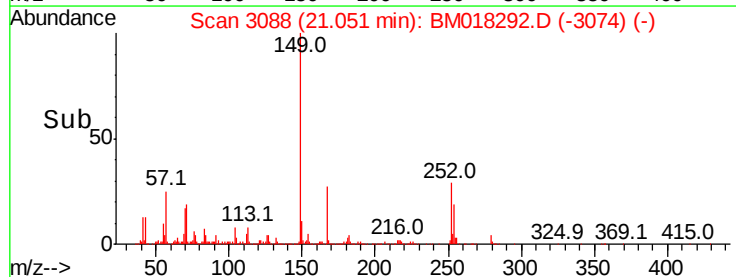
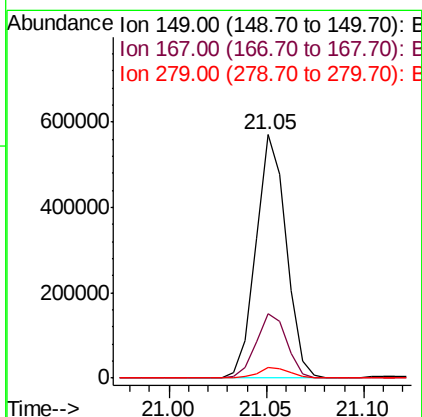
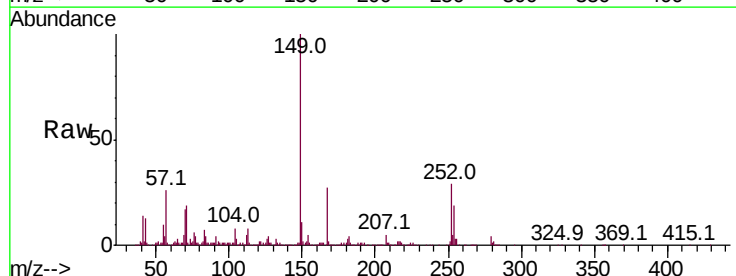
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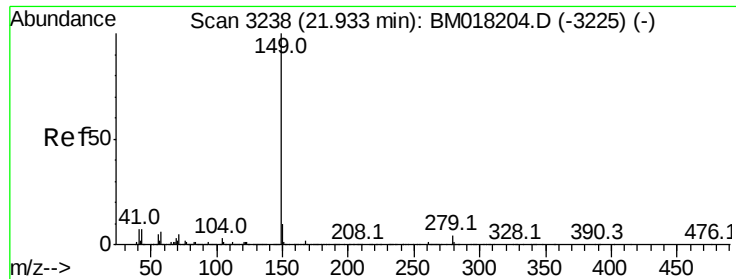
Sohil
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 38.976 ng
 RT: 21.05 min Scan# 3088
 Delta R.T. -0.02 min
 Lab File: BM018292.D
 Acq: 19 Dec 2018 11:29

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.6	22.7	34.1
279	4.2	3.9	5.9





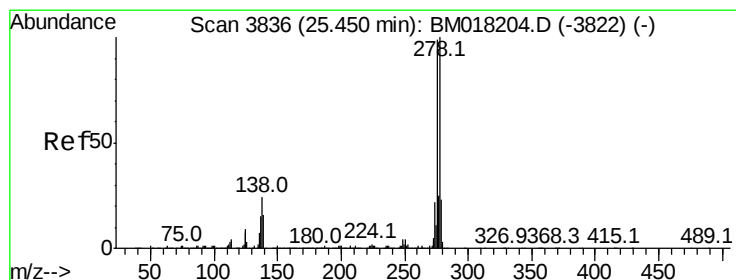
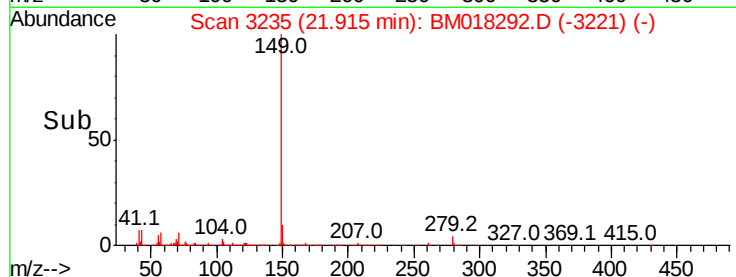
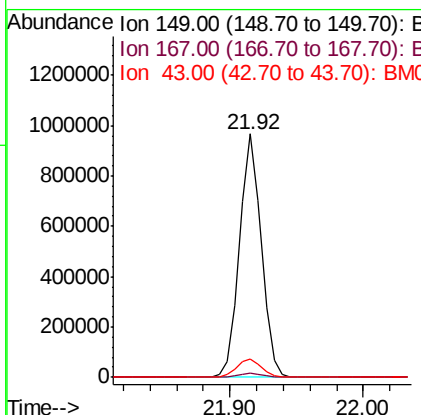
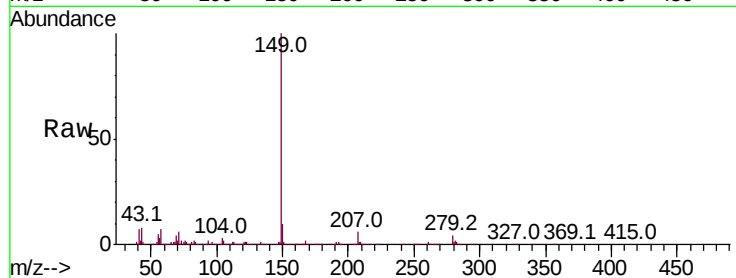
#85
Di-n-octyl phthalate
Concen: 42.296 ng
RT: 21.92 min Scan# 3235
Delta R.T. -0.02 min
Lab File: BM018292.D
Acq: 19 Dec 2018 11:29

Instrument :
BNA_M
ClientSampleId :
PB115752BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	8.0	6.2	9.4

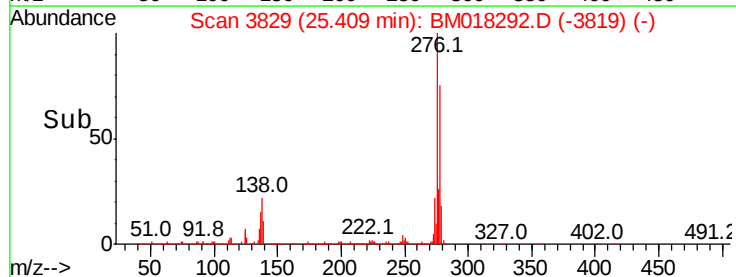
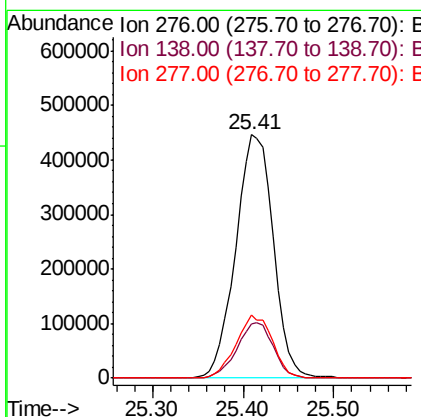
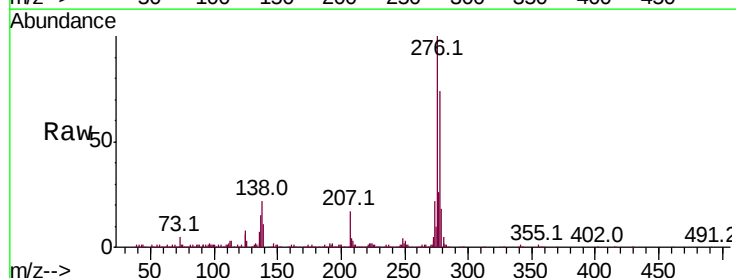
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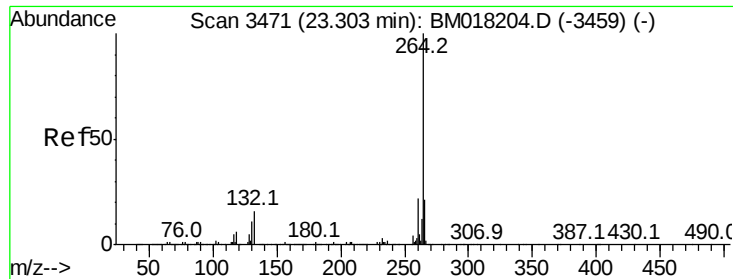
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 61.826 ng
RT: 25.41 min Scan# 3829
Delta R.T. -0.04 min
Lab File: BM018292.D
Acq: 19 Dec 2018 11:29

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.1	18.6	28.0
277	25.2	20.3	30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.29 min Scan# 3468

Delta R.T. -0.02 min

Lab File: BM018292.D

Acq: 19 Dec 2018 11:29

Instrument :

BNA_M

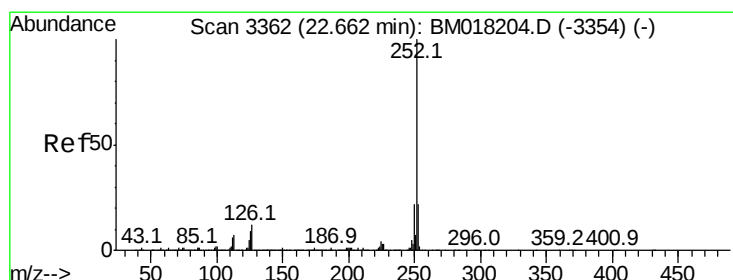
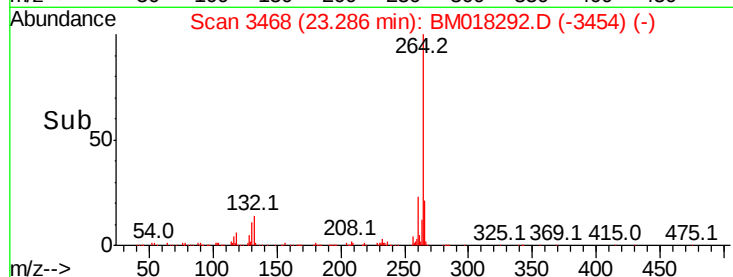
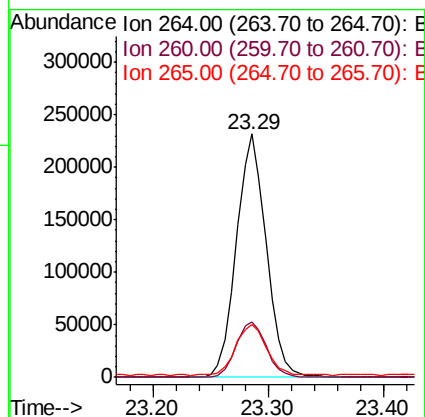
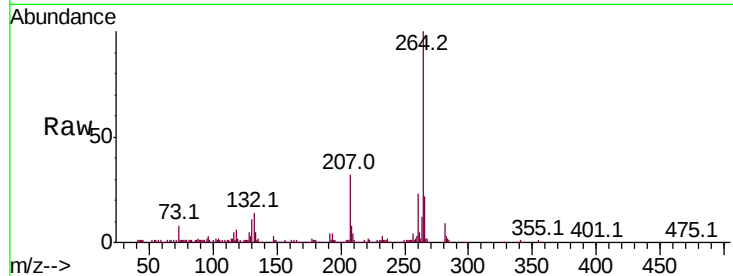
ClientSampleId :

PB115752BS

Tot Ion:	264	Resp:	415383
Ion Ratio	Lower	Upper	
264	100		
260	23.0	17.5	26.3
265	22.0	17.3	25.9

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#88

Benzo(b)fluoranthene

Concen: 45.089 ng

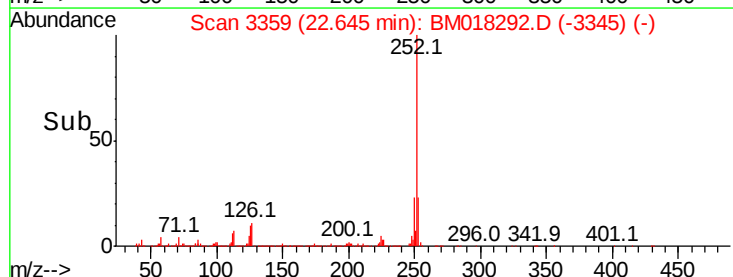
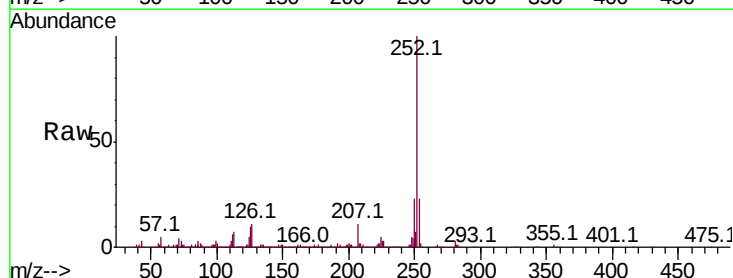
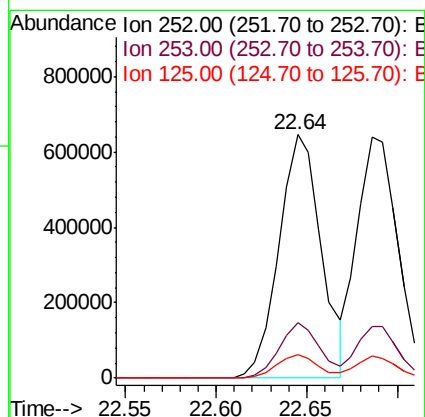
RT: 22.64 min Scan# 3359

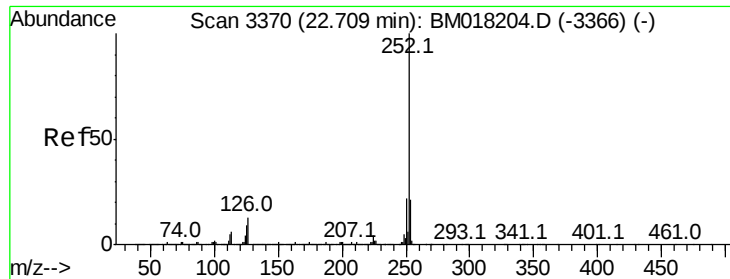
Delta R.T. -0.02 min

Lab File: BM018292.D

Acq: 19 Dec 2018 11:29

Tgt Ion:	252	Resp:	1052063
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.6	26.4
125	9.8	7.4	11.0





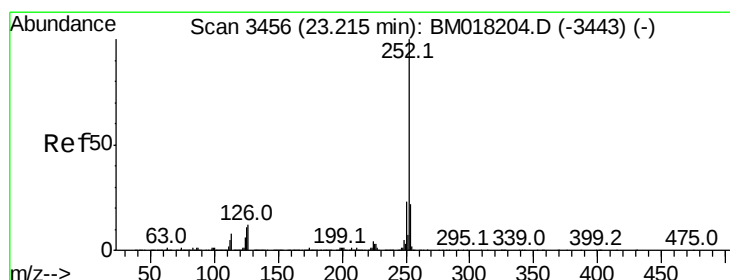
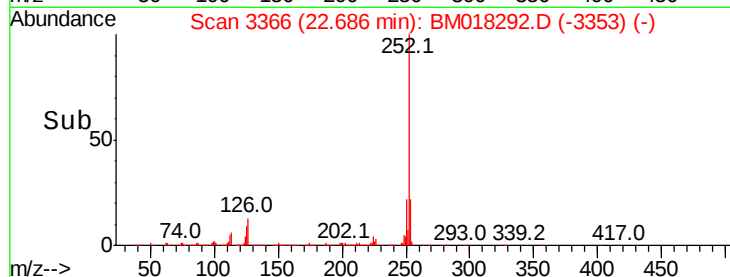
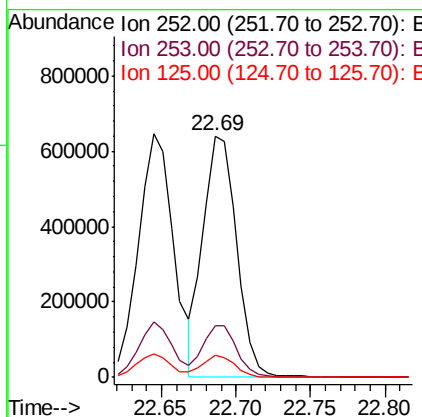
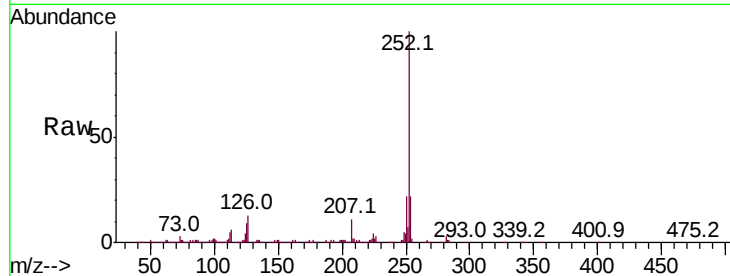
#89
Benzo(k)fluoranthene
Concen: 42.910 ng
RT: 22.69 min Scan# 3366
Delta R.T. -0.02 min
Lab File: BM018292.D
Acq: 19 Dec 2018 11:29

Instrument :
BNA_M
ClientSampleId :
PB115752BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	16.9	25.3
125	9.4	7.5	11.3

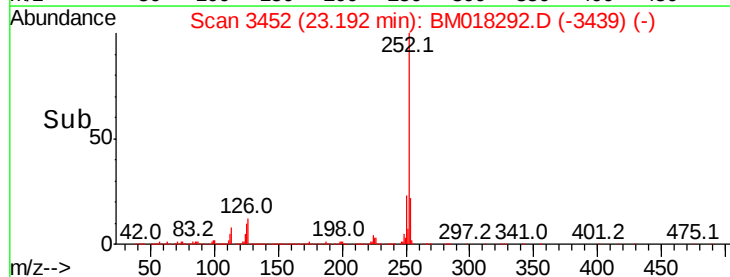
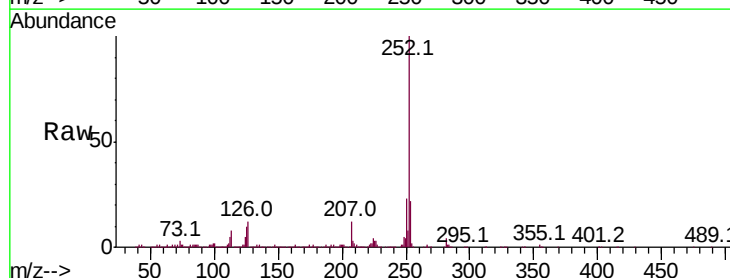
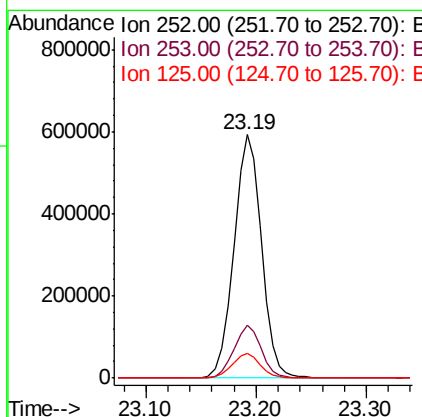
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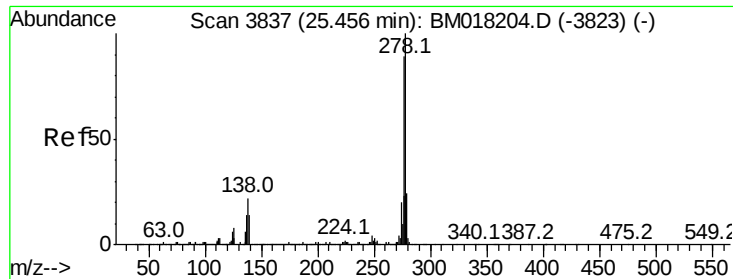
Sohil
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#90
Benzo(a)pyrene
Concen: 46.880 ng
RT: 23.19 min Scan# 3452
Delta R.T. -0.02 min
Lab File: BM018292.D
Acq: 19 Dec 2018 11:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	10.0	8.6	12.8





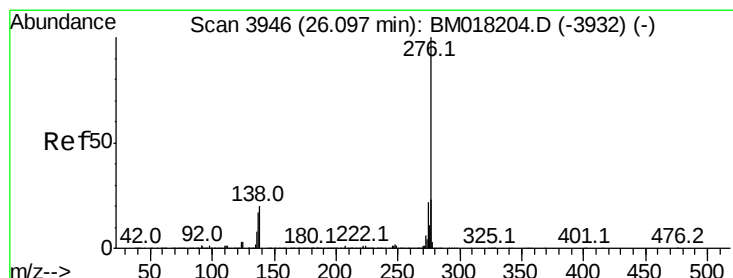
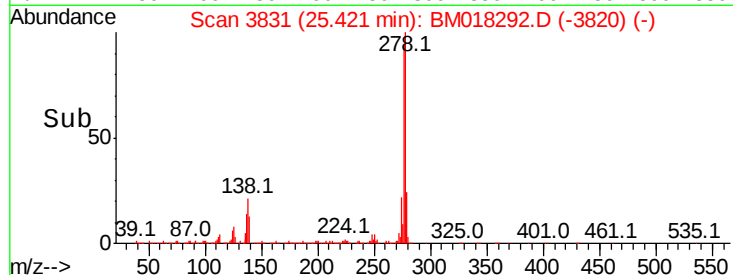
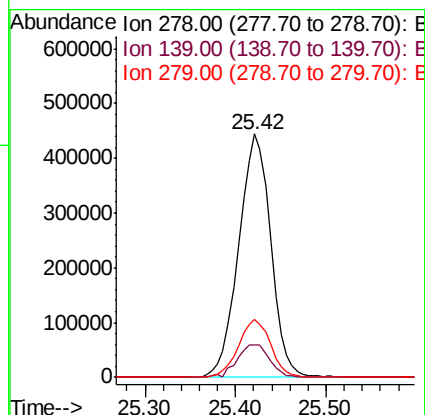
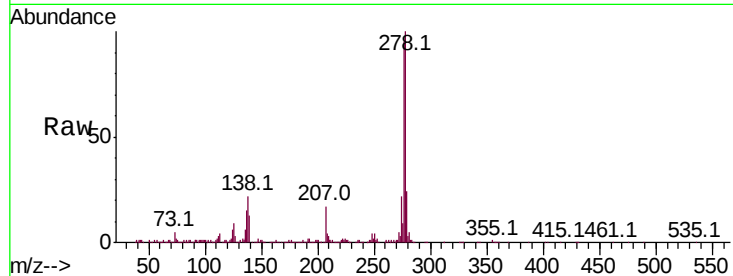
#91
Dibenzo(a,h)anthracene
Concen: 53.255 ng
RT: 25.42 min Scan# 3831
Delta R.T. -0.04 min
Lab File: BM018292.D
Acq: 19 Dec 2018 11:29

Instrument :
BNA_M
ClientSampleId :
PB115752BS

Tot Ion:278 Resp: 1094751
Ion Ratio Lower Upper
278 100
139 13.5 11.6 17.4
279 23.6 19.2 28.8

Manual Integrations
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12/20/2018 2:55:02 PM



#92
Benzo(g,h,i)perylene
Concen: 54.854 ng
RT: 26.06 min Scan# 3940
Delta R.T. -0.04 min
Lab File: BM018292.D
Acq: 19 Dec 2018 11:29

Tgt Ion:276 Resp: 1065930
Ion Ratio Lower Upper
276 100
277 24.1 18.7 28.1
138 19.5 15.8 23.8

