

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122718\
 Data File : BM018408.D
 Acq On : 27 Dec 2018 22:16
 Operator : JU/SJ
 Sample : PB116033BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB116033BS

Manual Integrations
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 12/28/2018 12:30:31 PM

Quant Time: Dec 28 05:42:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM122718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 27 14:18:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	299526	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	1394081	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	858773	20.00	ng	0.00
64) Phenanthrene-d10	17.17	188	2046515	20.00	ng	0.00
76) Chrysene-d12	21.37	240	2406015	20.00	ng	0.00
87) Perylene-d12	23.66	264	2624173	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	374106	23.55	ng	0.00
7) Phenol-d6	6.93	99	374628	16.98	ng	0.00
23) Nitrobenzene-d5	8.95	82	1022614	42.10	ng	0.00
42) 2,4,6-Tribromophenol	15.92	330	706669	64.76	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	3281927	51.76	ng	0.00
79) Terphenyl-d14	19.81	244	7019212	62.17	ng	0.00

Target Compounds

						Qvalue
3) Pyridine	3.69	79	220346	12.347	ng	97
4) n-Nitrosodimethylamine	3.62	42	99128	13.623	ng	# 82
8) 2-Chlorophenol	7.34	128	335462	17.510	ng	98
10) Phenol	6.96	94	187983	8.283	ng	98
11) bis(2-Chloroethyl)ether	7.21	93	308255	17.425	ng	99
12) 1,3-Dichlorobenzene	7.67	146	397639	17.669	ng	99
13) 1,4-Dichlorobenzene	7.82	146	409457	17.908	ng	99
14) 1,2-Dichlorobenzene	8.13	146	406220	18.107	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.30	45	342288	12.150	ng	98
17) 2-Methylphenol	8.22	107	281820	17.529	ng	99
18) Hexachloroethane	8.85	117	139617	17.107	ng	99
19) n-Nitroso-di-n-propylamine	8.59	70	353529	21.037	ng	99
20) 3+4-Methylphenols	8.53	107	420429	19.492	ng	91
24) Nitrobenzene	8.99	77	463952	19.301	ng	99
25) Isophorone	9.50	82	975059	23.143	ng	99
26) 2-Nitrophenol	9.69	139	166367	21.335	ng	99
27) 2,4-Dimethylphenol	9.75	122	353290	20.244	ng	97
28) bis(2-Chloroethoxy)methane	9.99	93	472206	17.857	ng	98
29) 2,4-Dichlorophenol	10.22	162	434739	22.524	ng	97
30) 1,2,4-Trichlorobenzene	10.43	180	438947	18.564	ng	96
31) Naphthalene	10.63	128	1356130	20.183	ng	100
32) Benzoic acid	9.82	122	45082	8.716	ng	98
34) Hexachlorobutadiene	10.90	225	251992	17.552	ng	99
36) 4-Chloro-3-methylphenol	11.85	107	588819	26.913	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	585857	21.791	ng	99
41) Hexachlorocyclopentadiene	12.58	237	248441	19.058	ng	97
43) 2,4,6-Trichlorophenol	12.85	196	430386	28.182	ng	98
44) 2,4,5-Trichlorophenol	12.91	196	519026	31.101	ng	98
47) 2-Chloronaphthalene	13.30	162	1318909	23.465	ng	99
49) Acenaphthylene	14.15	152	2312423	26.723	ng	99
50) Dimethylphthalate	13.89	163	2073839	28.905	ng	99
51) 2,6-Dinitrotoluene	14.01	165	408999	27.162	ng	95
52) Acenaphthene	14.49	154	1404648	26.898	ng	99
54) 2,4-Dinitrophenol	14.55	184	123736	34.605	ng	90

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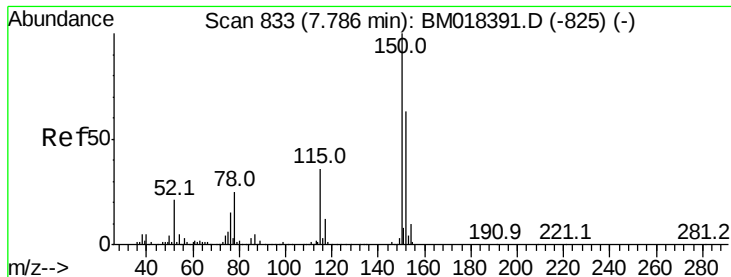
Manual Integrations
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Quant Time: Dec 28 05:42:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM122718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 27 14:18:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) 4-Nitrophenol	14.63	139	158663	15.882	nq	97
57) 2,4-Dinitrotoluene	14.80	165	653023	32.052	nq	99
58) Fluorene	15.48	166	1975166	29.678	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.04	232	440281	28.568	nq	99
60) Diethylphthalate	15.26	149	2272936	30.288	nq	99
61) 4-Chlorophenyl-phenylether	15.47	204	956303	26.153	nq	100
62) 4-Nitroaniline	15.48	138	26605	1.493	nq #	30
63) Azobenzene	15.77	77	1877695	27.453	nq	98
65) 4,6-Dinitro-2-methylphenol	15.55	198	218173	30.233	nq	98
66) n-Nitrosodiphenylamine	15.69	169	1601139	25.103	nq	100
67) 4-Bromophenyl-phenylether	16.37	248	620754	27.854	nq	96
68) Hexachlorobenzene	16.47	284	744757	29.501	nq	98
70) Pentachlorophenol	16.82	266	393001	26.698	nq	97
71) Phenanthrene	17.22	178	3444649	31.797	nq	99
72) Anthracene	17.31	178	3482623	32.270	nq	100
73) Carbazole	17.59	167	3529980	31.145	nq	99
74) Di-n-butylphthalate	18.14	149	4283287	33.251	nq	100
75) Fluoranthene	19.24	202	4308775	33.584	nq	98
77) Benzidine	19.43	184	2116291	30.772	nq	99
78) Pyrene	19.60	202	4590369	32.869	nq	100
80) Butylbenzylphthalate	20.51	149	1873484	32.128	nq	99
81) Benzo(a)anthracene	21.35	228	4724445	33.432	nq	99
82) 3,3'-Dichlorobenzidine	21.29	252	5366587	98.847	nq	99
83) Chrysene	21.40	228	4577638	33.576	nq	99
84) Bis(2-ethylhexyl)phthalate	21.28	149	3024475	32.125	nq	99
85) Di-n-octyl phthalate	22.18	149	5132334	32.980	nq	99
86) Indeno(1,2,3-cd)pyrene	26.00	276	5836916	34.587	nq	99
88) Benzo(b)fluoranthene	22.97	252	5128278	35.037	nq	99
89) Benzo(k)fluoranthene	23.02	252	4868028	33.253	nq	99
90) Benzo(a)pyrene	23.56	252	4647722	33.055	nq	98
91) Dibenzo(a,h)anthracene	26.01	278	5065415	34.594	nq	100
92) Benzo(g,h,i)perylene	26.71	276	4561939	32.538	nq	99

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



#1

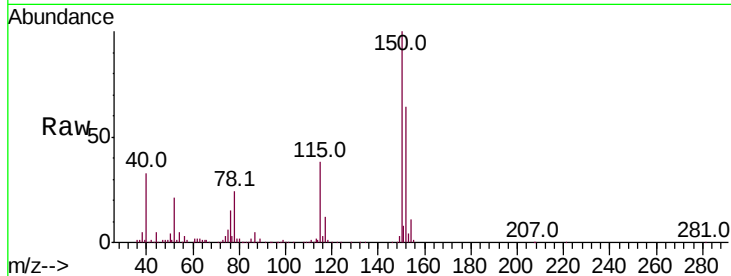
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.78 min Scan# 832
Delta R.T. -0.01 min
Lab File: BM018408.D
Acq: 27 Dec 2018 22:16

Instrument :
BNA_M
ClientSampleId :
PB116033BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	126.9	190.3
115	59.9	45.5	68.3

Manual Integrations
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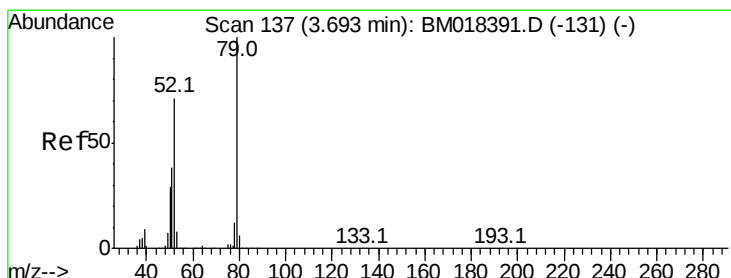
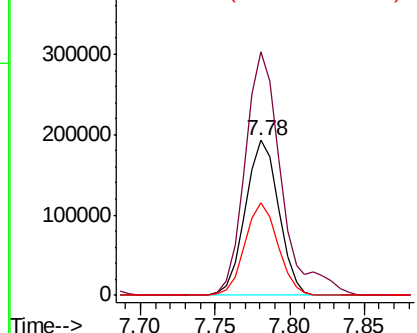
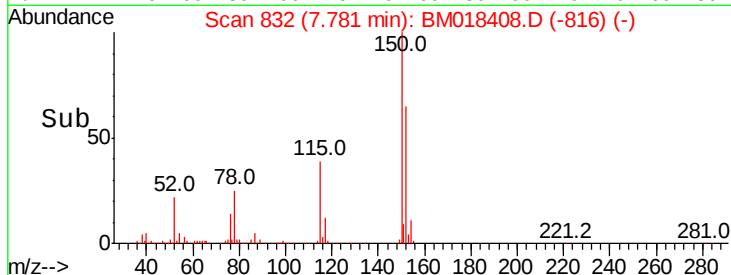


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

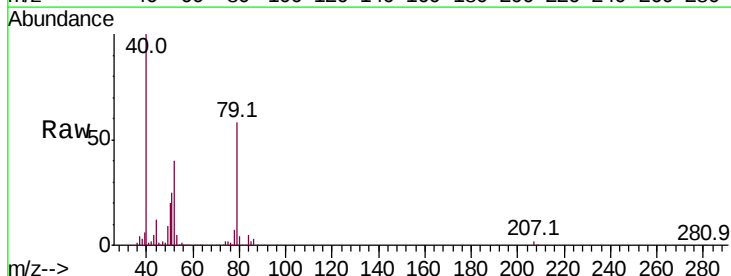
Ion 115.00 (114.70 to 115.70): E



#3

Pyridine
Concen: 12.347 ng
RT: 3.69 min Scan# 137
Delta R.T. 0.00 min
Lab File: BM018408.D
Acq: 27 Dec 2018 22:16

Tgt Ion	Ratio	Lower	Upper
79	100		
52	69.3	56.4	84.6
51	42.4	31.0	46.4

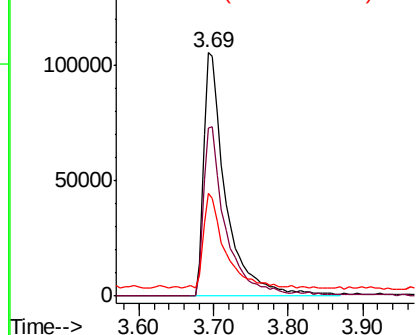
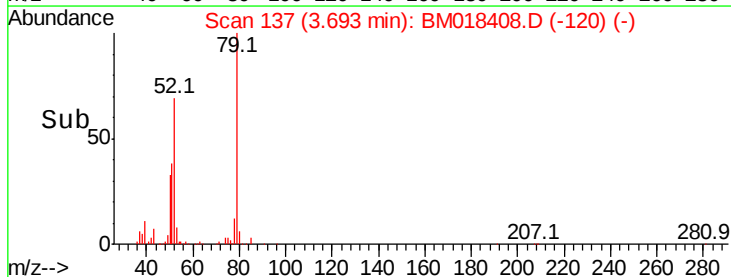


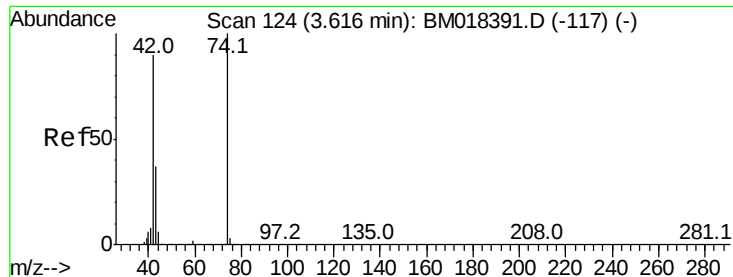
Abundance

Ion 79.00 (78.70 to 79.70): BM0

Ion 52.00 (51.70 to 52.70): BM0

Ion 51.00 (50.70 to 51.70): BM0





#4

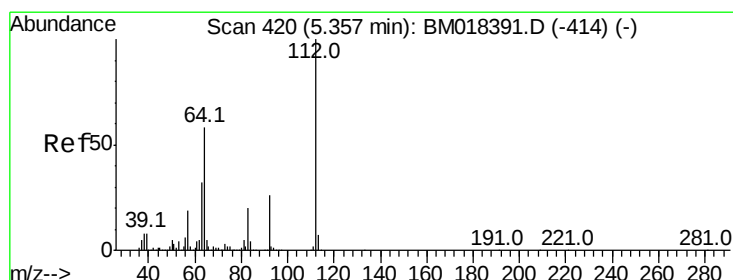
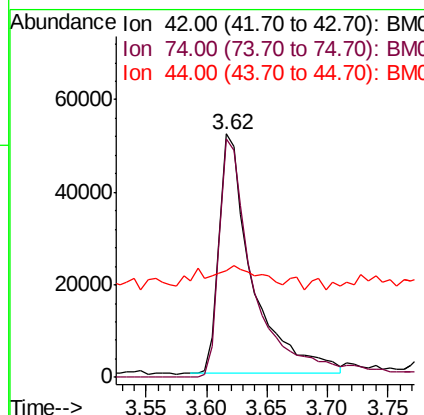
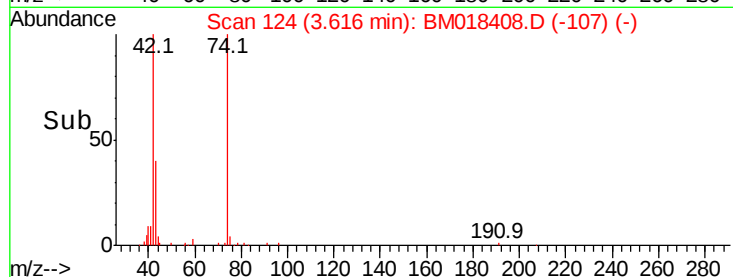
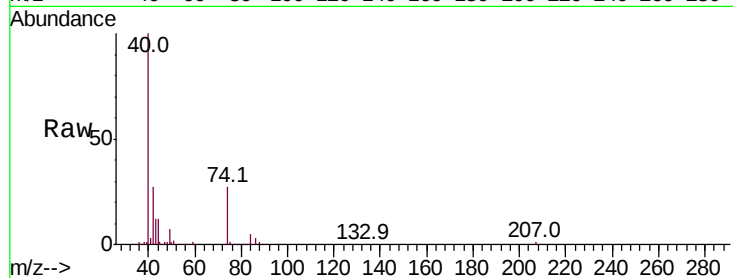
n-Nitrosodimethylamine
 Concen: 13.623 ng
 RT: 3.62 min Scan# 124
 Delta R.T. 0.00 min
 Lab File: BM018408.D
 Acq: 27 Dec 2018 22:16

Instrument :
 BNA_M
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 PB116033BS

Tot Ion	Ratio	Lower	Upper
42	100		
74	97.8	88.6	132.8
44	44.0	16.9	25.3#

Manual Integrations
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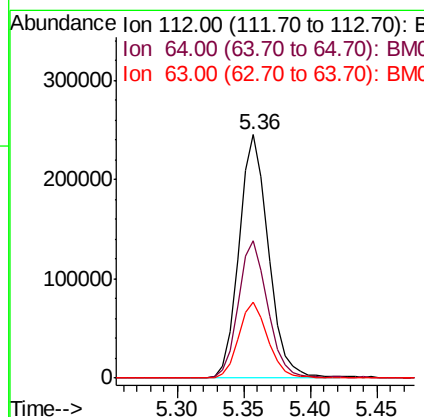
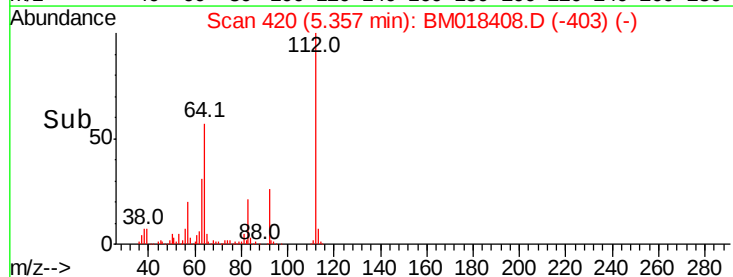
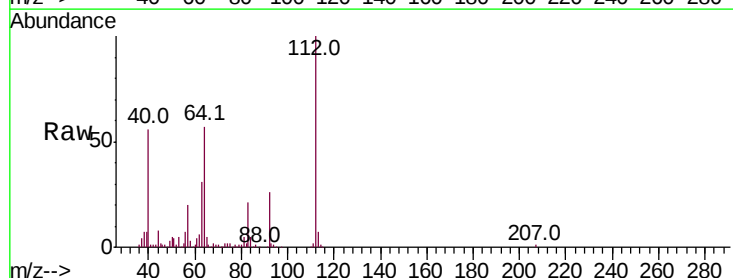
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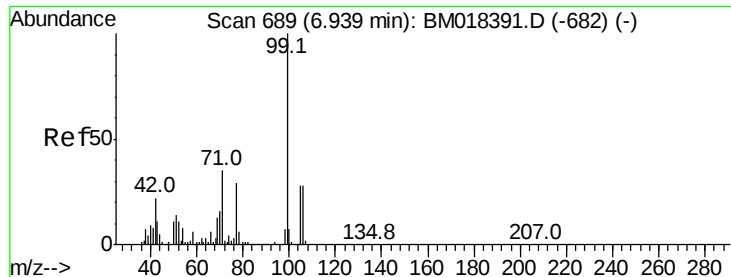


#5

2-Fluorophenol
 Concen: 23.548 ng
 RT: 5.36 min Scan# 420
 Delta R.T. 0.00 min
 Lab File: BM018408.D
 Acq: 27 Dec 2018 22:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.6	46.5	69.7
63	31.2	25.2	37.8





#7

Phenol-d6

Concen: 16.982 ng

RT: 6.93 min Scan# 688

Delta R.T. -0.01 min

Lab File: BM018408.D

Acq: 27 Dec 2018 22:16

Instrument :

BNA_M

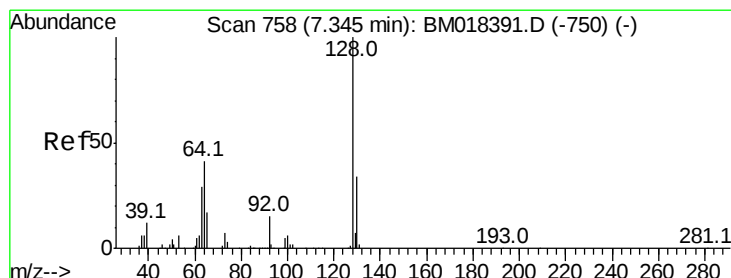
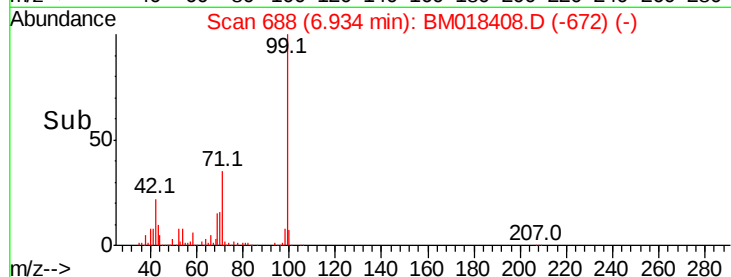
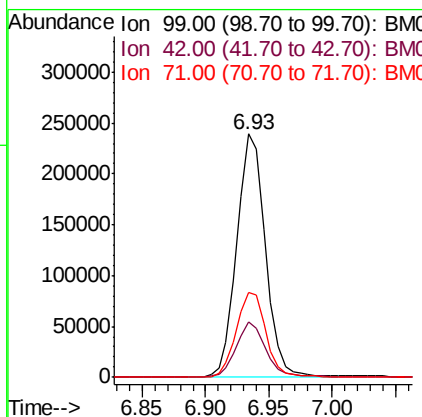
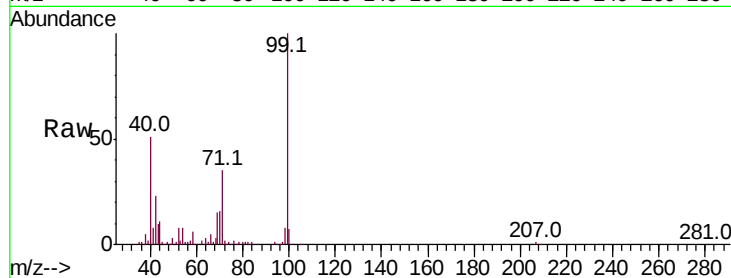
ClientSampleId :

PB116033BS

Tot Ion:	99	Resp:	374628
Ion Ratio	Lower	Upper	
99	100		
42	22.6	17.3	25.9
71	35.1	28.0	42.0

Manual Integrations
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#8

2-Chlorophenol

Concen: 17.510 ng

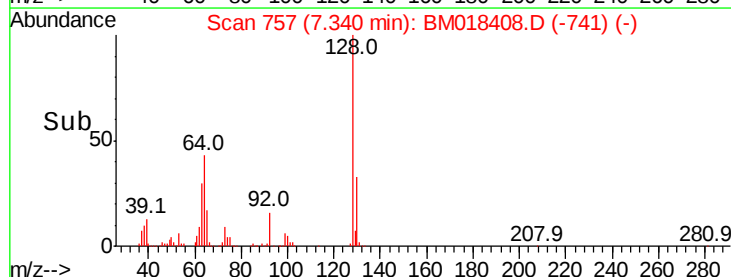
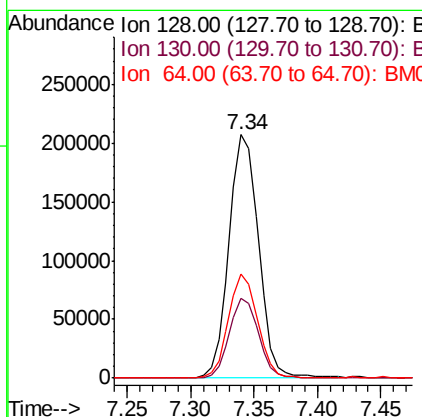
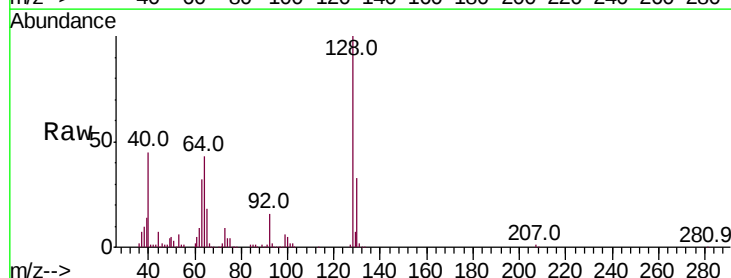
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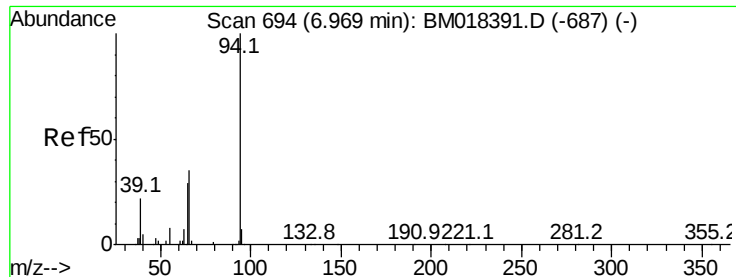
Delta R.T. -0.01 min

Lab File: BM018408.D

Acq: 27 Dec 2018 22:16

Tgt Ion:	128	Resp:	335462
Ion Ratio	Lower	Upper	
128	100		
130	32.7	13.6	53.6
64	42.9	24.8	64.8





#10

Phenol

Concen: 8.283 ng

RT: 6.96 min Scan# 693

Delta R.T. -0.01 min

Lab File: BM018408.D

Acq: 27 Dec 2018 22:16

Instrument :

BNA_M

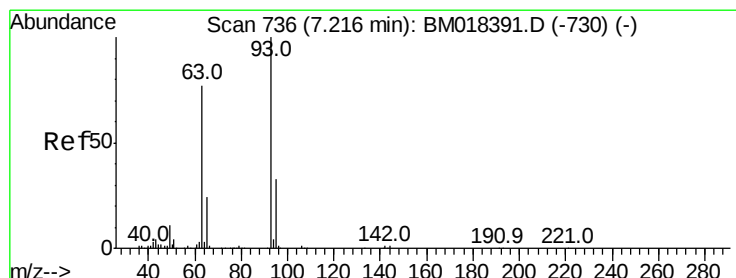
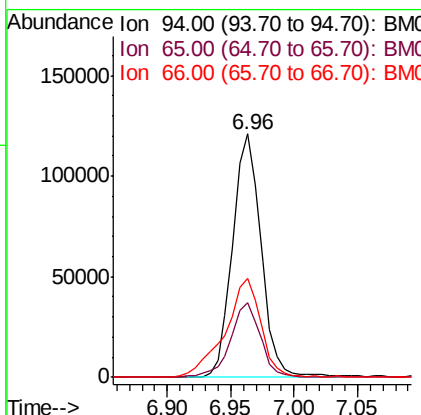
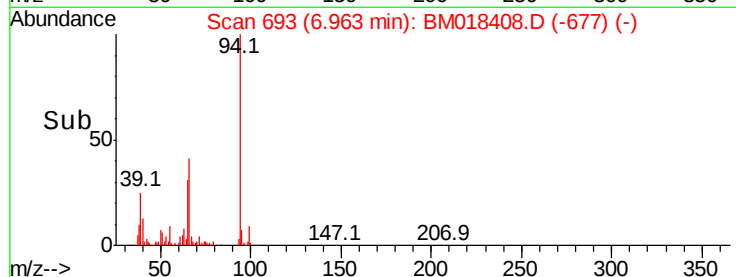
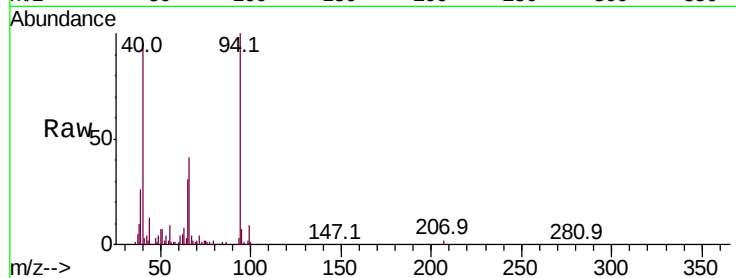
ClientSampleId :

PB116033BS

Tot Ion:	94	Resp:	187983
Ion Ratio	Lower	Upper	
94	100		
65	30.5	9.4	49.4
66	40.6	19.1	59.1

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#11

bis(2-Chloroethyl)ether

Concen: 17.425 ng

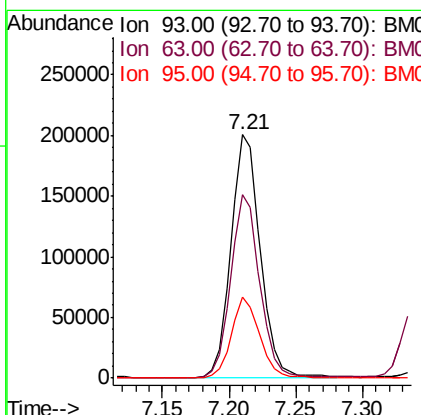
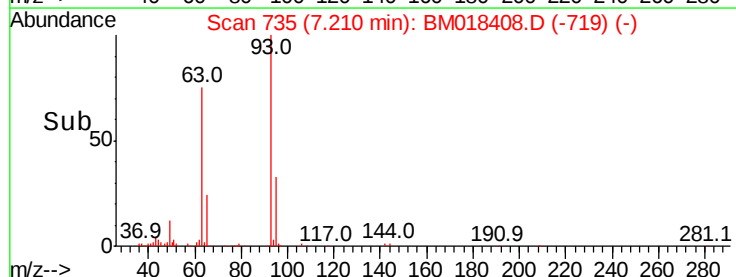
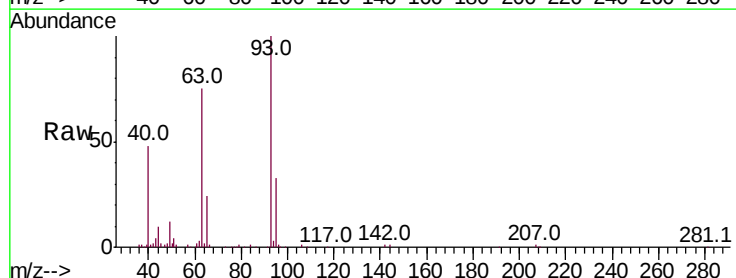
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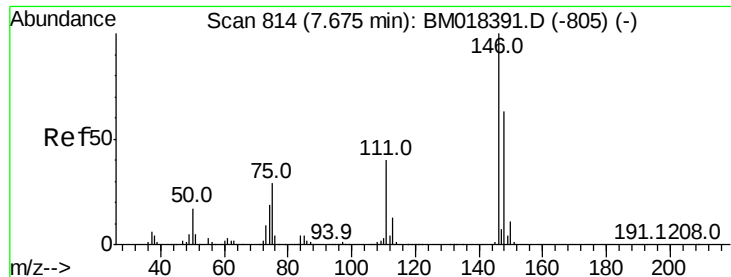
Delta R.T. -0.01 min

Lab File: BM018408.D

Acq: 27 Dec 2018 22:16

Tgt Ion:	93	Resp:	308255
Ion Ratio	Lower	Upper	
93	100		
63	75.2	56.4	96.4
95	33.3	12.7	52.7





#12

1,3-Dichlorobenzene

Concen: 17.669 ng

RT: 7.67 min Scan# 813

Delta R.T. -0.01 min

Lab File: BM018408.D

Acq: 27 Dec 2018 22:16

Instrument :

BNA_M

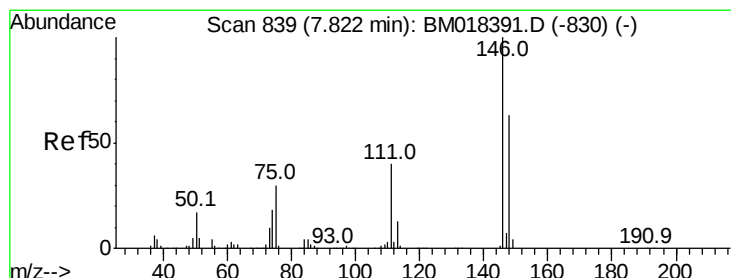
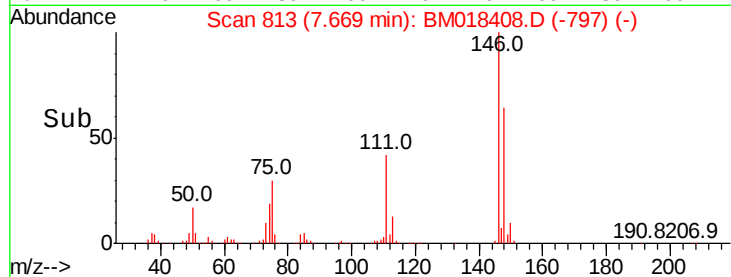
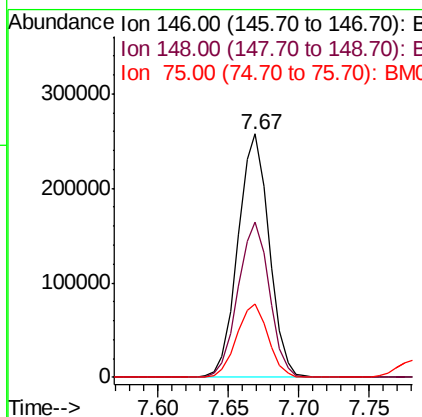
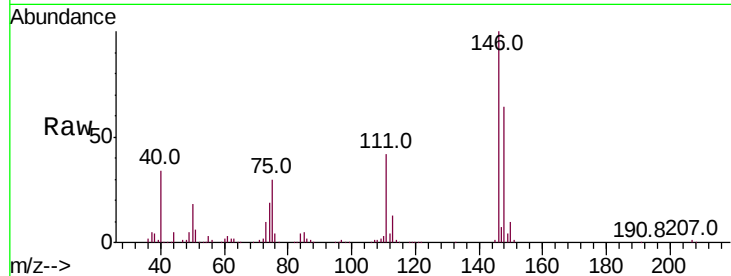
ClientSampleId :

PB116033BS

Tot Ion:	146	Resp:	397639
Ion Ratio	Lower	Upper	
146	100		
148	64.0	50.5	75.7
75	29.9	23.0	34.6

Manual Integrations
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#13

1,4-Dichlorobenzene

Concen: 17.908 ng

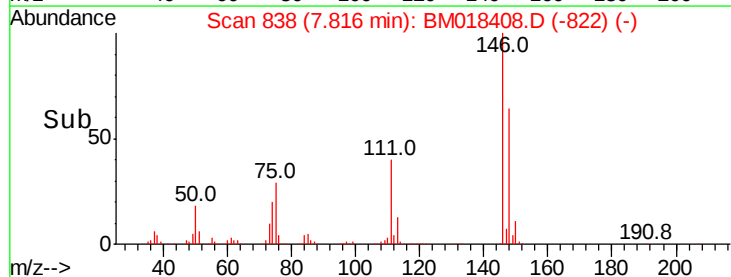
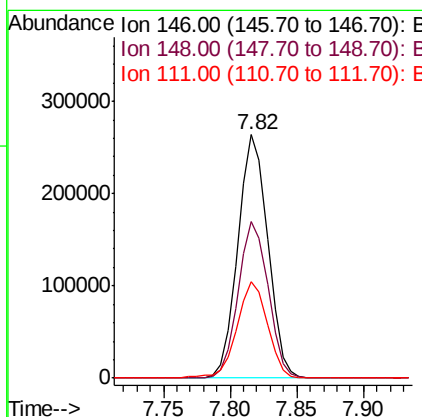
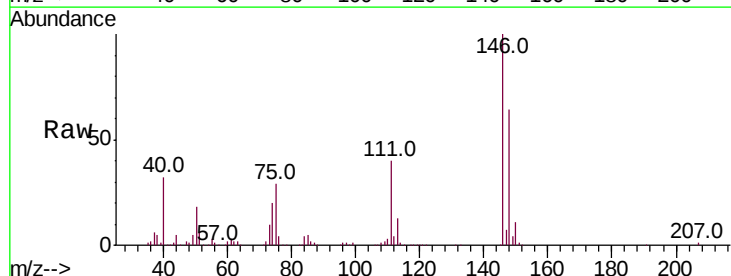
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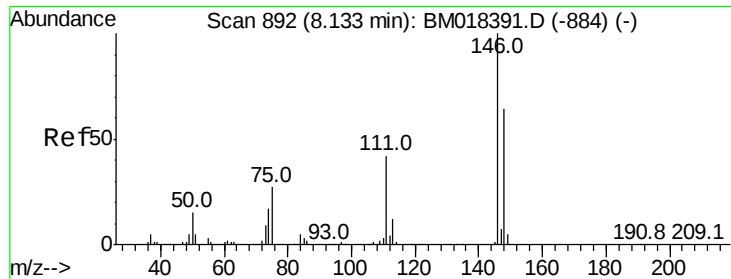
Delta R.T. -0.01 min

Lab File: BM018408.D

Acq: 27 Dec 2018 22:16

Tgt Ion:	146	Resp:	409457
Ion Ratio	Lower	Upper	
146	100		
148	64.1	50.8	76.2
111	39.8	32.2	48.2





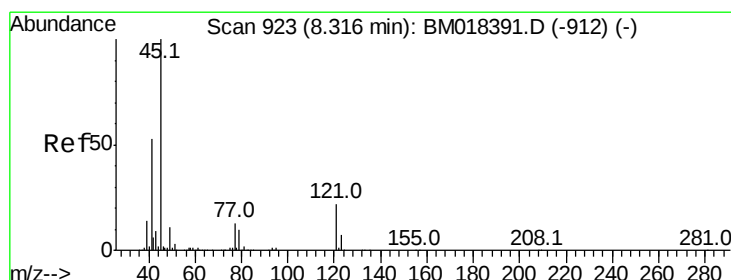
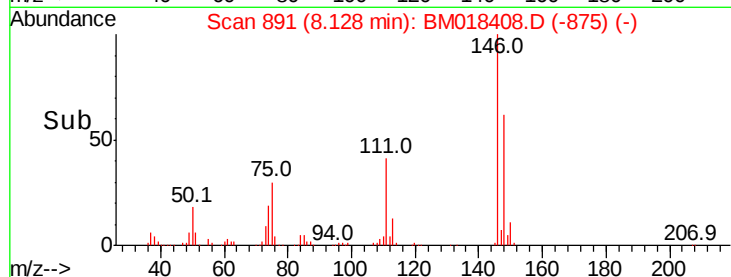
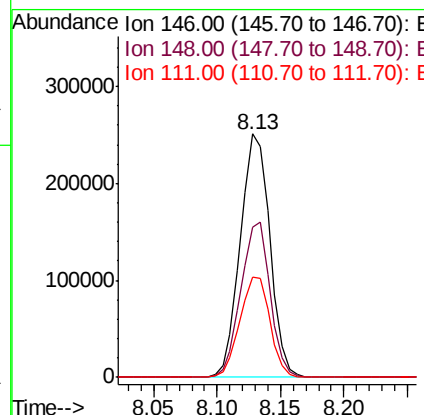
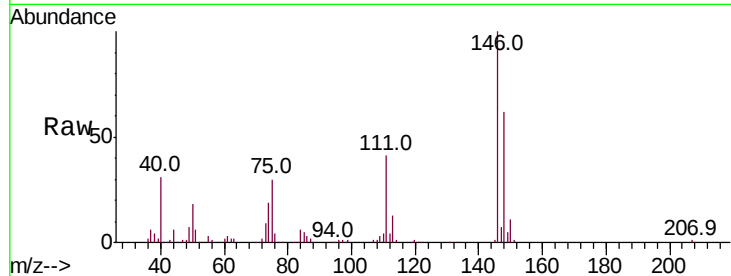
#14
1,2-Dichlorobenzene
Concen: 18.107 ng
RT: 8.13 min Scan# 891
Delta R.T. -0.01 min
Lab File: BM018408.D
Acq: 27 Dec 2018 22:16

Instrument :
BNA_M
ClientSampleId :
PB116033BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.9	51.0	76.6
111	41.3	33.8	50.6

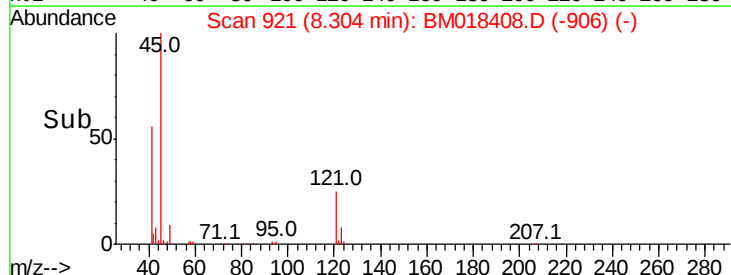
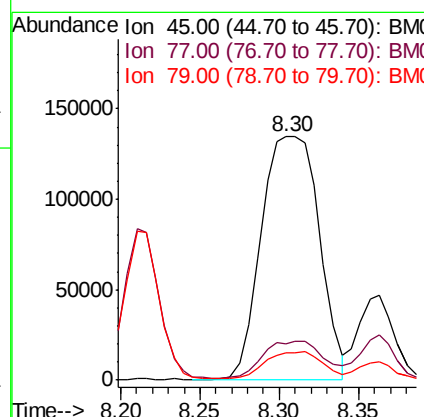
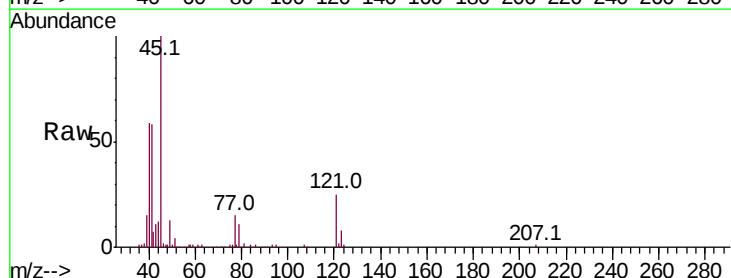
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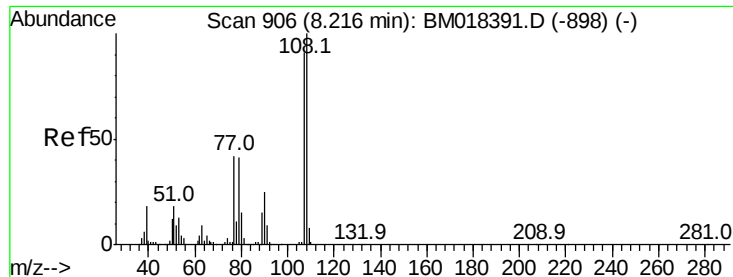
Sohil
12/28/2018 12:30:31 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 12.150 ng
RT: 8.30 min Scan# 921
Delta R.T. -0.01 min
Lab File: BM018408.D
Acq: 27 Dec 2018 22:16

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.8	0.0	33.4
79	11.3	0.0	31.1





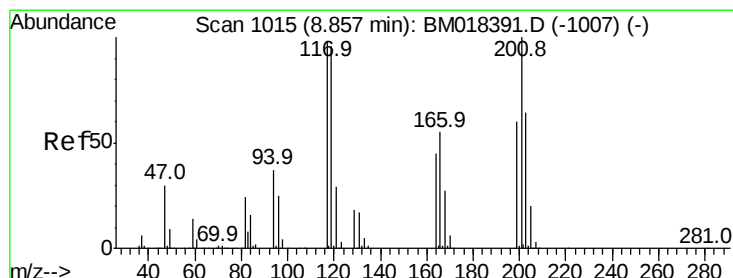
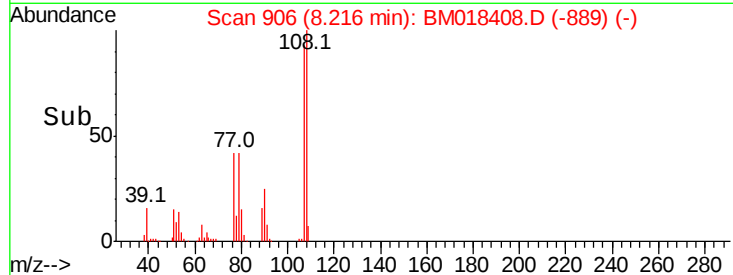
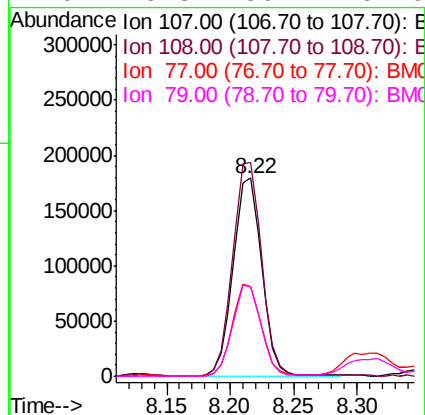
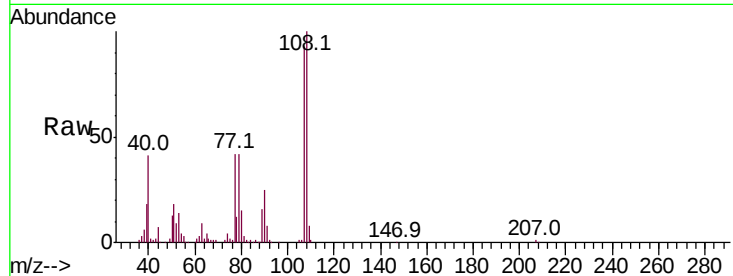
#17
2-Methylphenol
Concen: 17.529 ng
RT: 8.22 min Scan# 906
Delta R.T. 0.00 min
Lab File: BM018408.D
Acq: 27 Dec 2018 22:16

Instrument :
BNA_M
ClientSampleId :
PB116033BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	107.8	87.5	131.3	
77	45.4	37.3	55.9	
79	45.3	36.4	54.6	

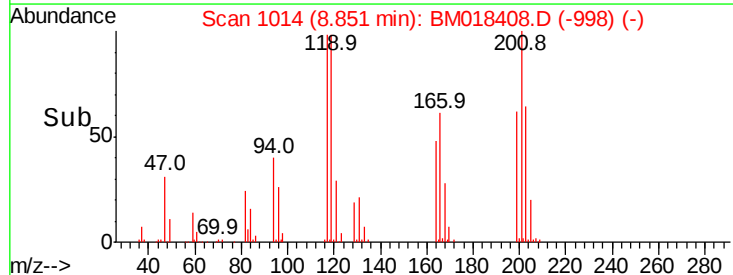
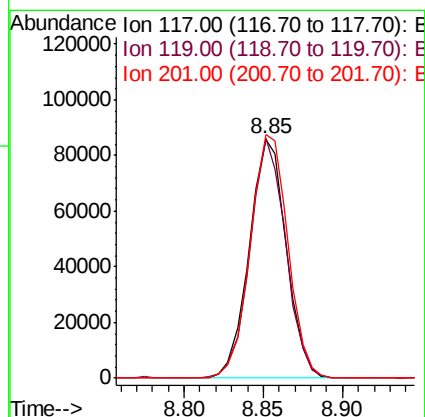
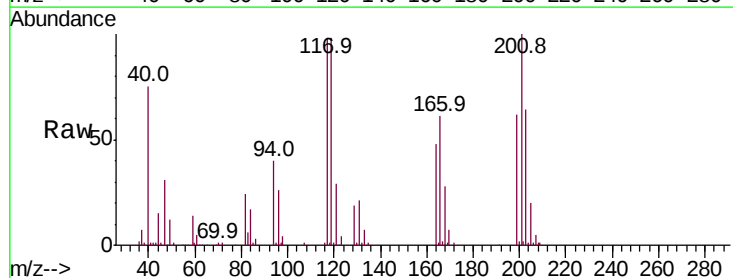
Manual Integrations
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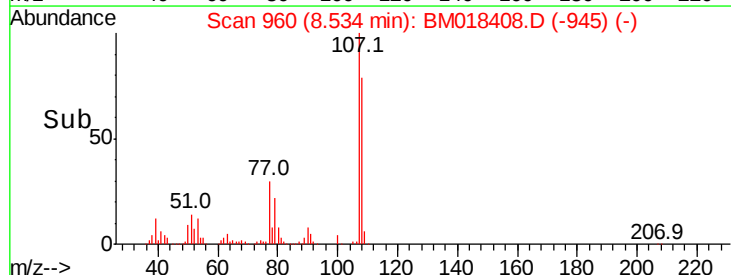
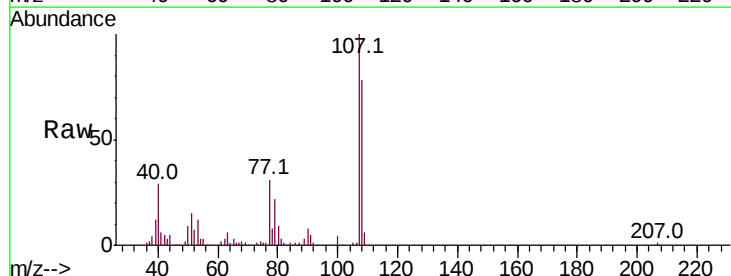
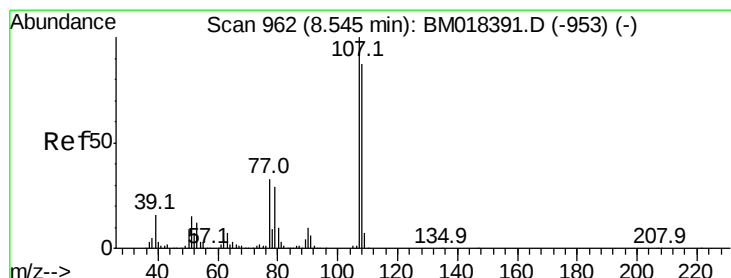
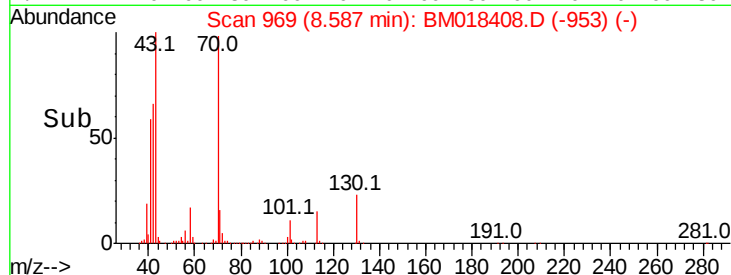
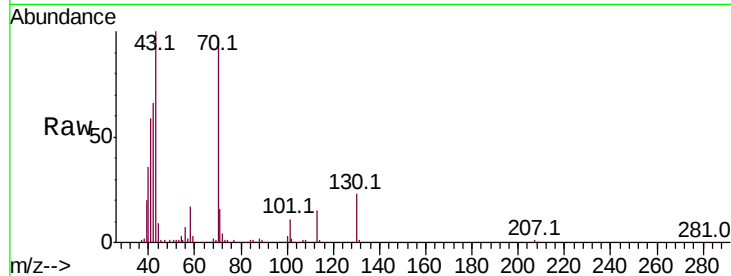
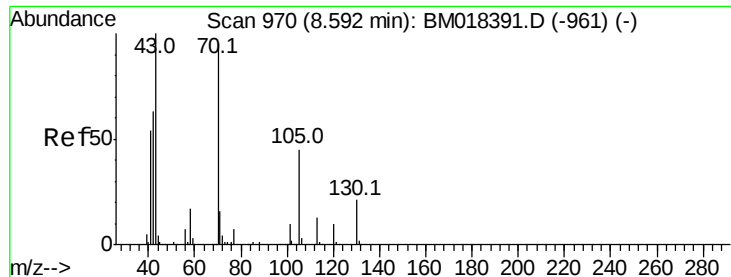
Sohil
12/28/2018 12:30:31 PM



#18
Hexachloroethane
Concen: 17.107 ng
RT: 8.85 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BM018408.D
Acq: 27 Dec 2018 22:16

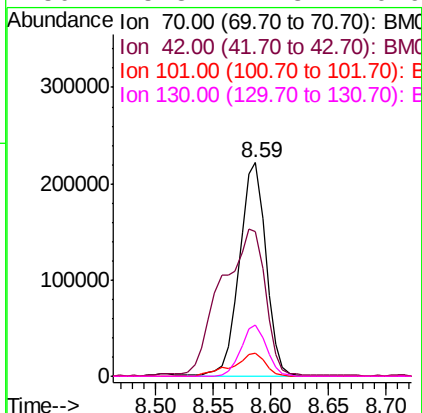
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	100.4	78.3	117.5	
201	102.1	81.4	122.0	





#19
n-Nitroso-di-n-propylamine
Concen: 21.037 ng
RT: 8.59 min Scan# 969
Delta R.T. -0.01 min
Lab File: BM018408.D
Acq: 27 Dec 2018 22:16

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	68.0	54.0	81.0		
101	11.0	8.1	12.1		
130	23.8	17.8	26.6		



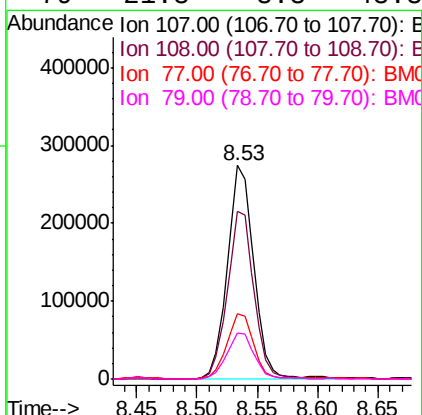
Instrument :
BNA_M
ClientSampleId :
PB116033BS

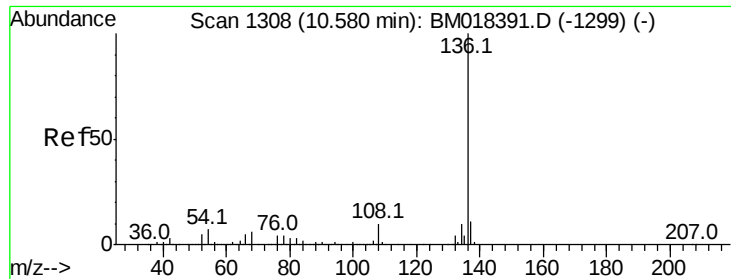
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#20
3+4-Methylphenols
Concen: 19.492 ng
RT: 8.53 min Scan# 960
Delta R.T. -0.01 min
Lab File: BM018408.D
Acq: 27 Dec 2018 22:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	78.3	66.8	106.8		
77	30.7	13.3	53.3		
79	21.8	8.8	48.8		





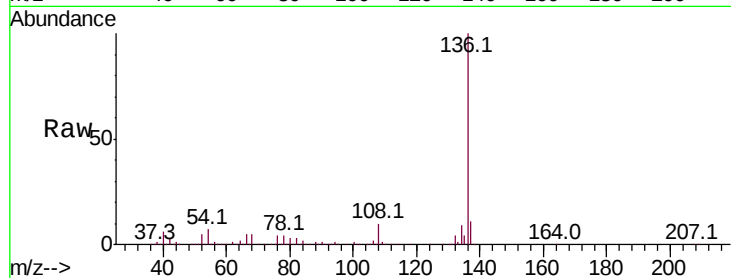
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.57 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BM018408.D
Acq: 27 Dec 2018 22:16

Instrument :
BNA_M
ClientSampleId :
PB116033BS

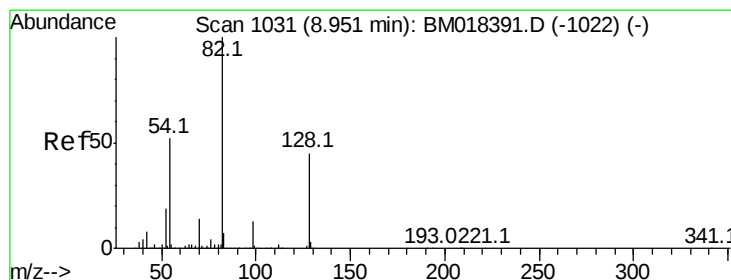
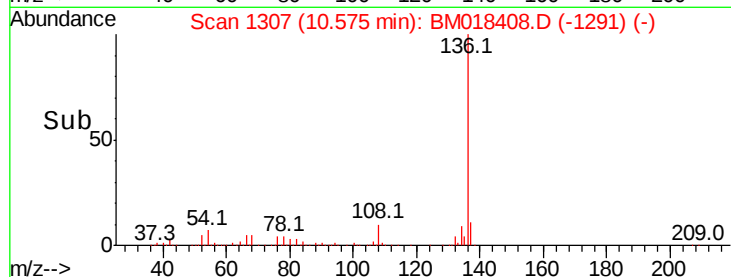
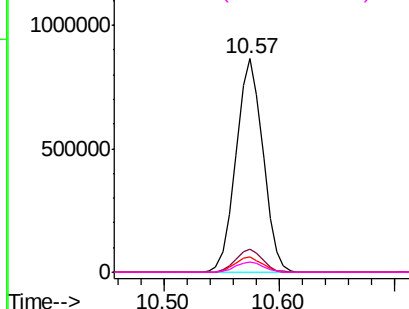
Tot Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	7.3	6.0	9.0
68	4.6	4.5	6.7

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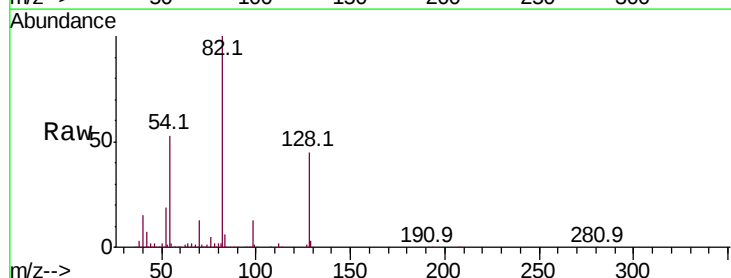


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

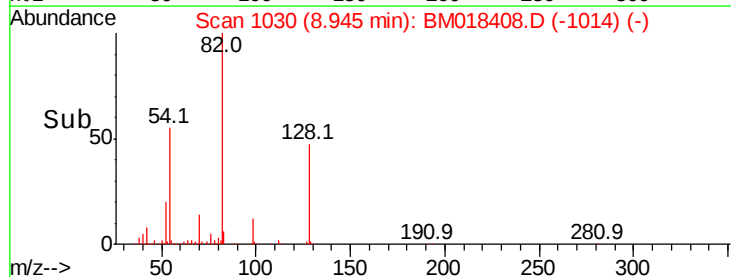
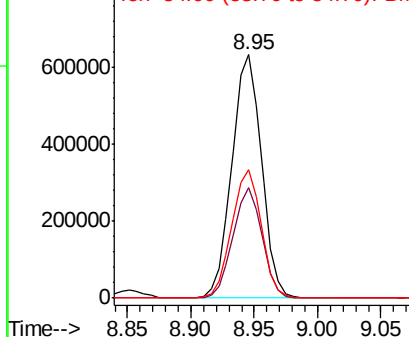


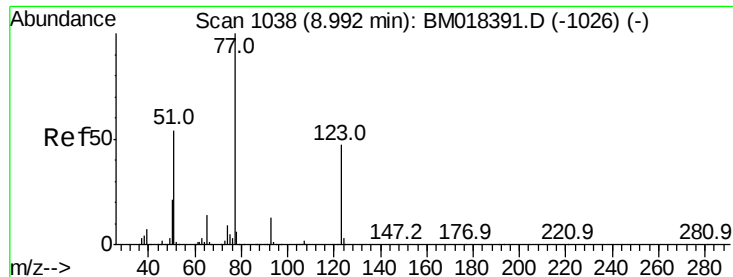
#23
Nitrobenzene-d5
Concen: 42.101 ng
RT: 8.95 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BM018408.D
Acq: 27 Dec 2018 22:16

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.3	54.5
54	52.7	41.7	62.5



Abundance Ion 82.00 (81.70 to 82.70): BM
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM





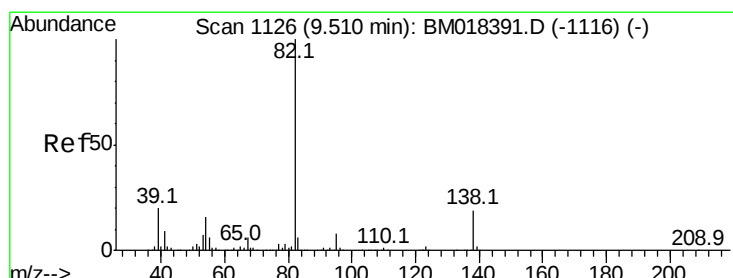
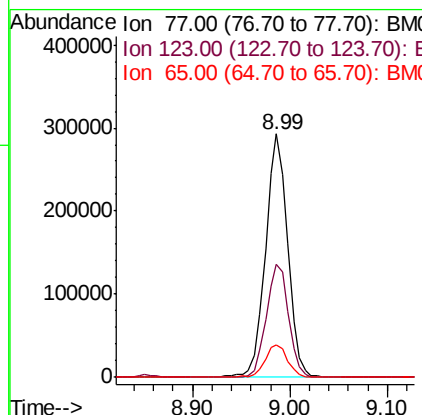
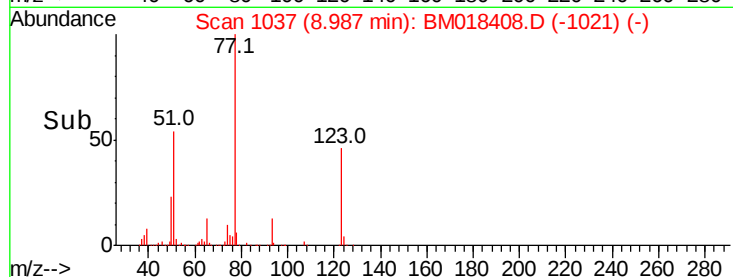
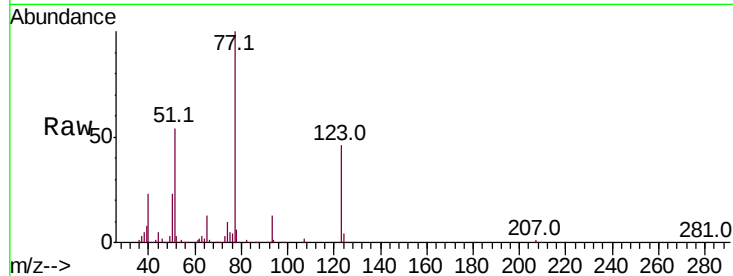
#24
Nitrobenzene
Concen: 19.301 ng
RT: 8.99 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BM018408.D
Acq: 27 Dec 2018 22:16

Instrument :
BNA_M
ClientSampleId :
PB116033BS

Tot Ion	Ratio	Lower	Upper
77	100		
123	46.3	37.7	56.5
65	13.3	11.0	16.6

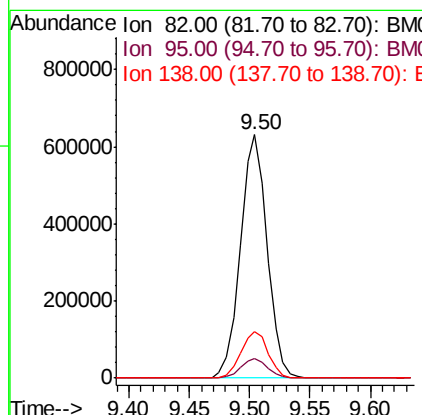
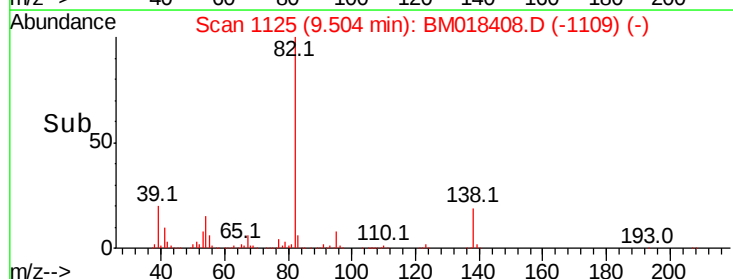
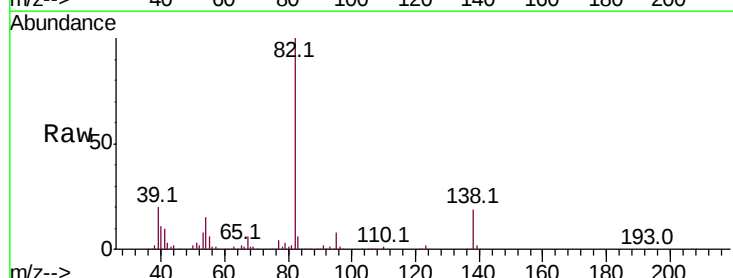
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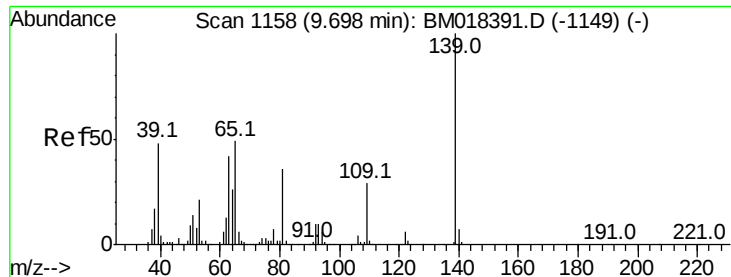
Sohil
12/28/2018 12:30:31 PM



#25
Isophorone
Concen: 23.143 ng
RT: 9.50 min Scan# 1125
Delta R.T. -0.01 min
Lab File: BM018408.D
Acq: 27 Dec 2018 22:16

Tgt Ion	Ratio	Lower	Upper
82	100		
95	8.1	6.1	9.1
138	19.2	15.1	22.7





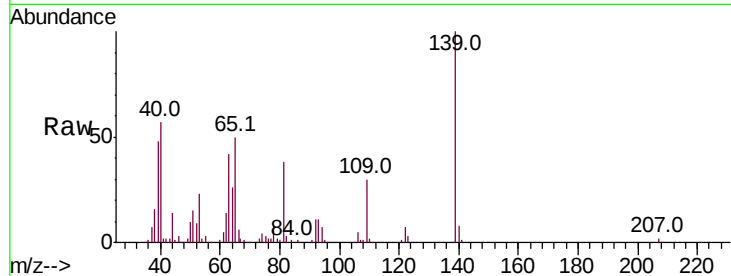
#26
2-Nitrophenol
Concen: 21.335 ng
RT: 9.69 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BM018408.D
Acq: 27 Dec 2018 22:16

Instrument :
BNA_M
ClientSampled :
PB116033BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	166367		
109	29.7	23.4	35.2	
65	50.3	39.4	59.2	

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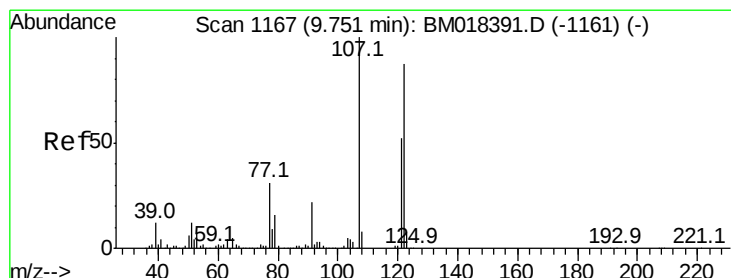
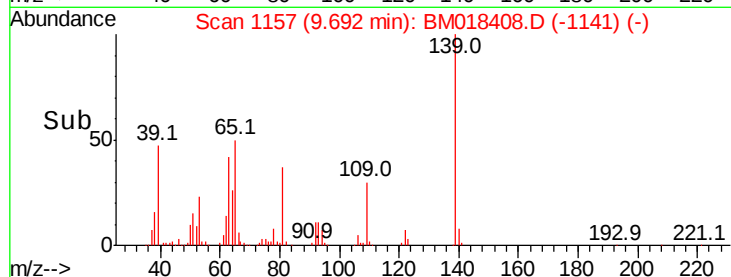
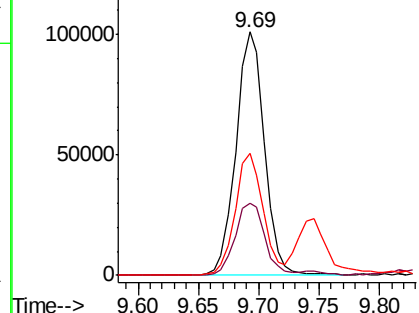


Abundance

Ion 139.00 (138.70 to 139.70): E

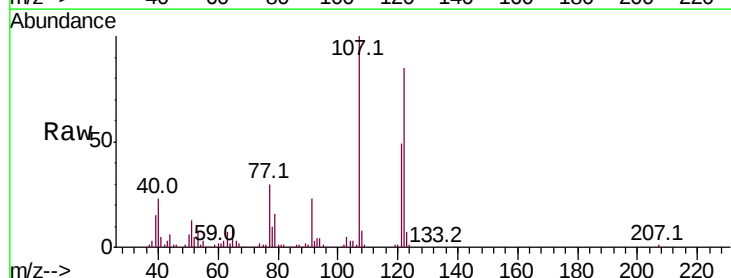
Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): B



#27
2,4-Dimethylphenol
Concen: 20.244 ng
RT: 9.75 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BM018408.D
Acq: 27 Dec 2018 22:16

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	353290		
107	118.3	91.9	137.9	
121	57.5	47.5	71.3	

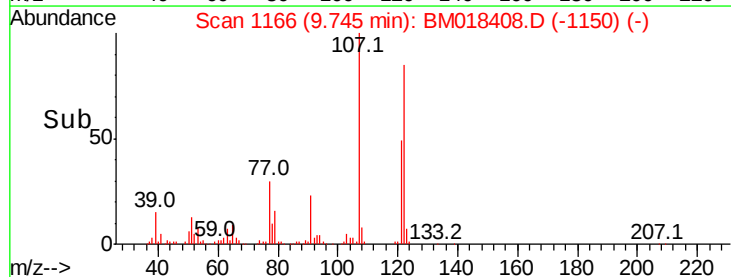
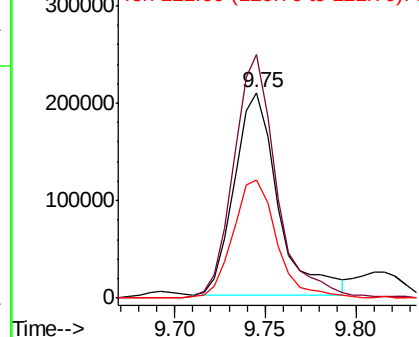


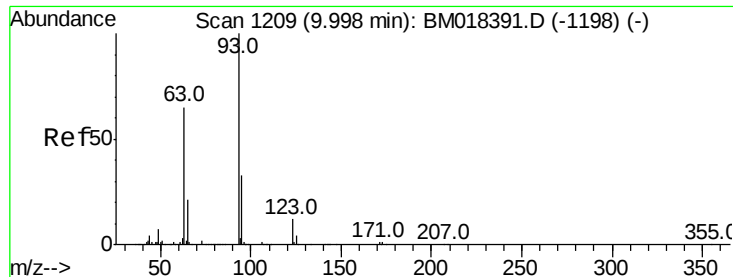
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E





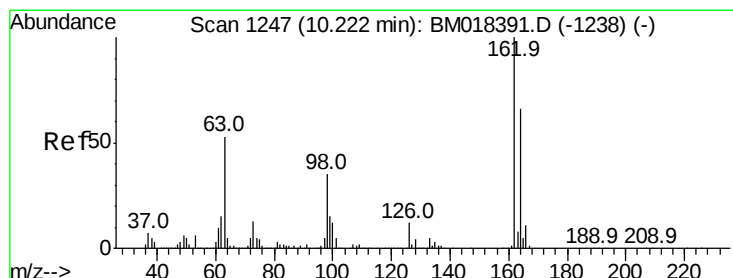
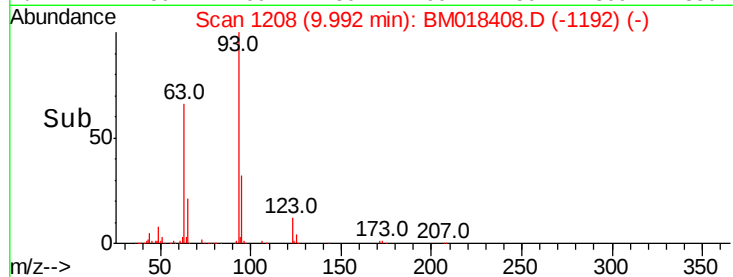
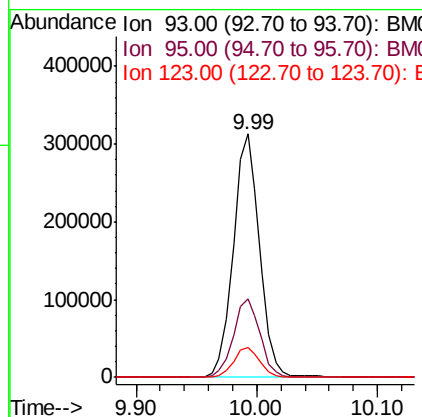
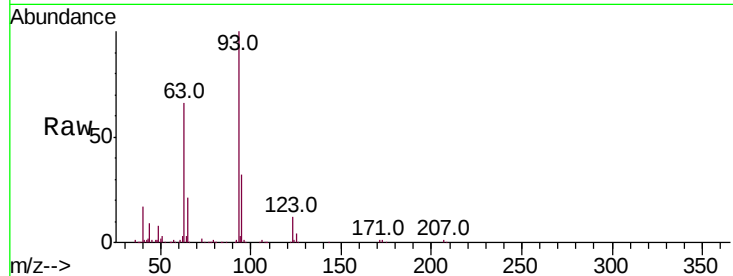
#28
bis(2-Chloroethoxy)methane
Concen: 17.857 ng
RT: 9.99 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BM018408.D
Acq: 27 Dec 2018 22:16

Instrument :
BNA_M
ClientSampleId :
PB116033BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
95	32.1	26.6	39.8	
123	12.0	9.9	14.9	

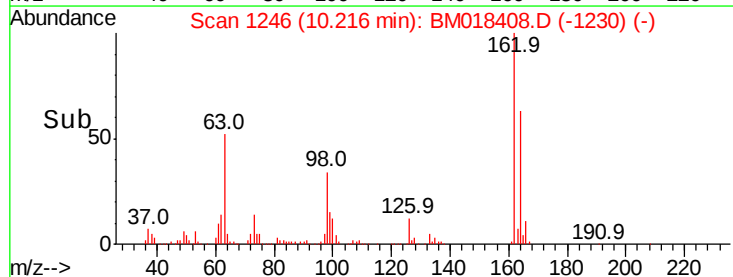
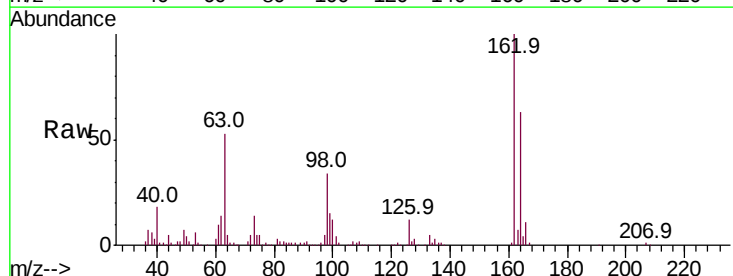
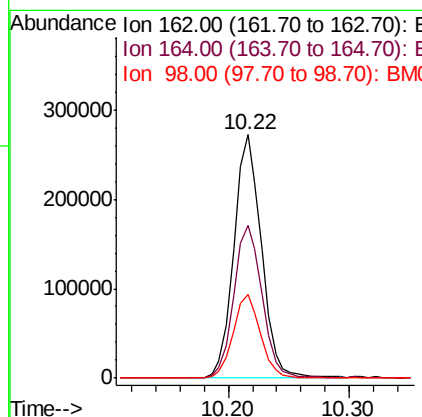
Manual Integrations
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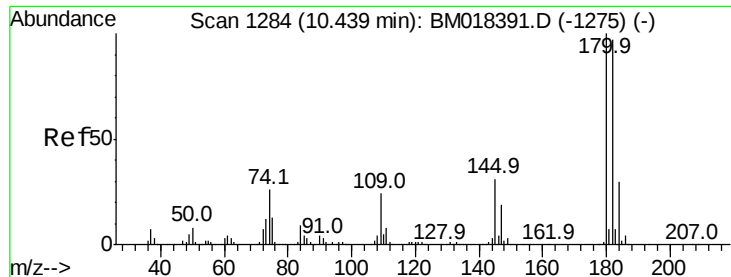
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#29
2,4-Dichlorophenol
Concen: 22.524 ng
RT: 10.22 min Scan# 1246
Delta R.T. -0.01 min
Lab File: BM018408.D
Acq: 27 Dec 2018 22:16

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
164	62.8	45.6	85.6	
98	34.1	14.7	54.7	





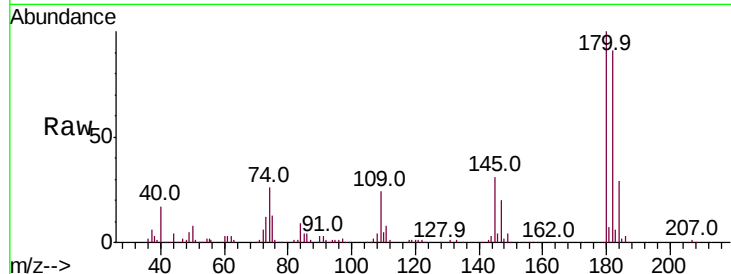
#30
 1,2,4-Trichlorobenzene
 Concen: 18.564 ng
 RT: 10.43 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: BM018408.D
 Acq: 27 Dec 2018 22:16

Instrument :
 BNA_M
 ClientSampleId :
 PB116033BS

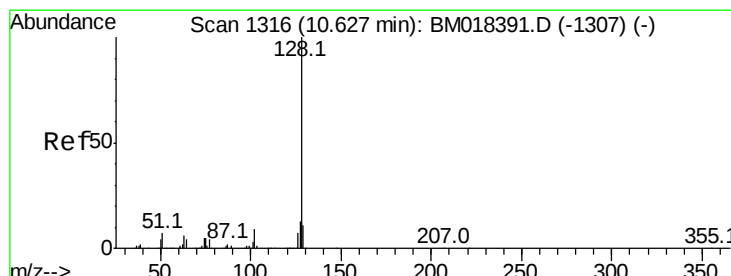
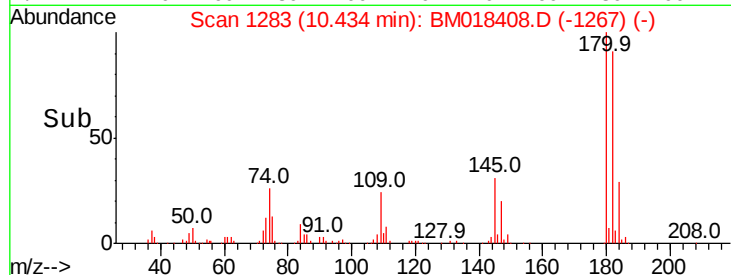
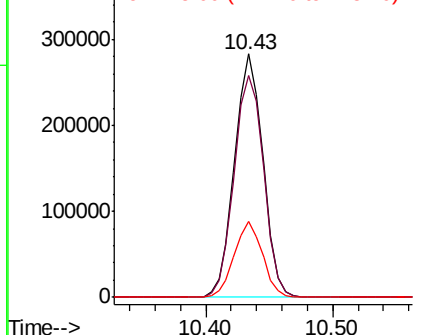
Tot Ion:	180	Resp:	438947
Ion Ratio	Lower	Upper	
180	100		
182	91.3	77.4	116.2
145	31.0	24.6	37.0

Manual Integrations
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 12/28/2018 12:30:31 PM



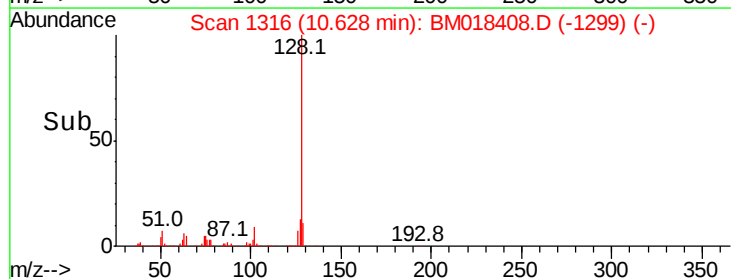
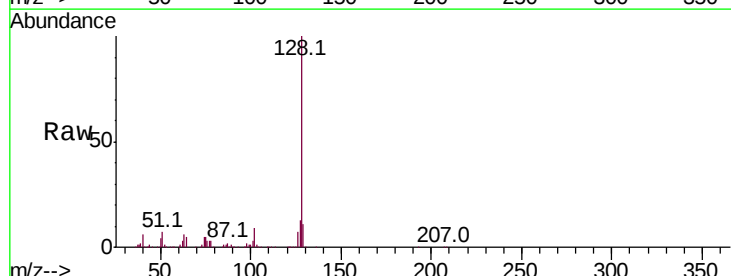
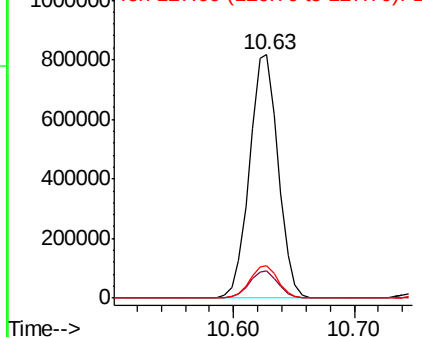
Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

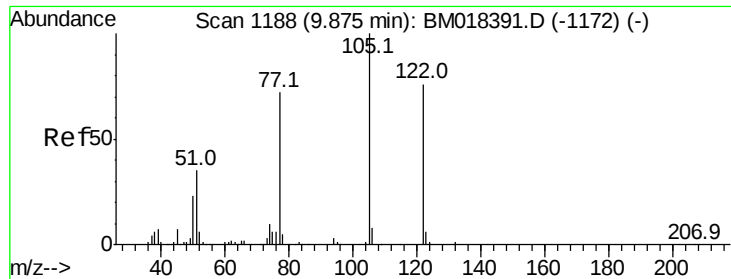


#31
 Naphthalene
 Concen: 20.183 ng
 RT: 10.63 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: BM018408.D
 Acq: 27 Dec 2018 22:16

Tgt Ion:	128	Resp:	1356130
Ion Ratio	Lower	Upper	
128	100		
129	11.1	8.7	13.1
127	13.3	10.8	16.2

Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E





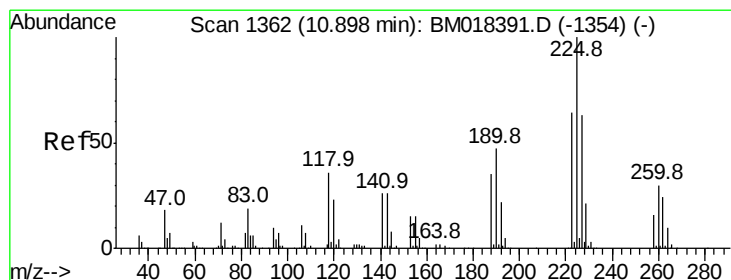
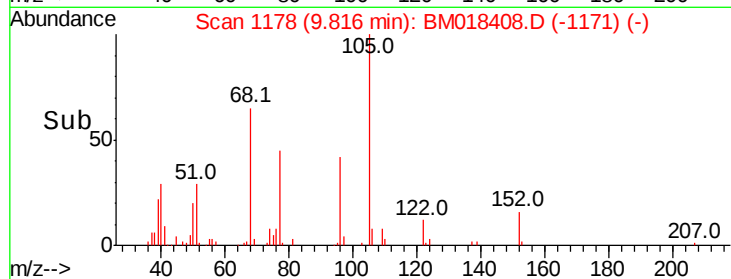
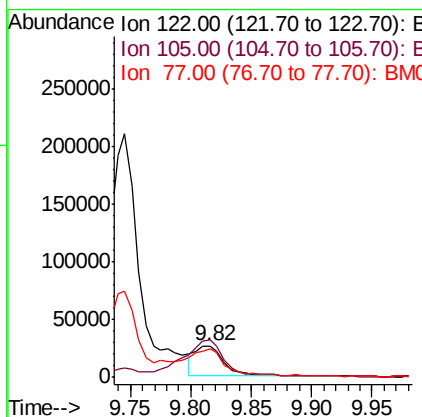
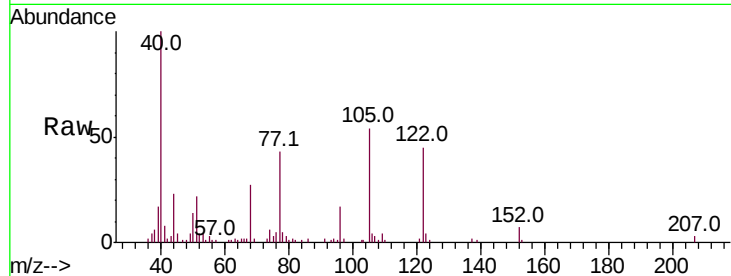
#32
Benzoic acid
Concen: 8.716 ng
RT: 9.82 min Scan# 1178
Delta R.T. -0.06 min
Lab File: BM018408.D
Acq: 27 Dec 2018 22:16

Instrument :
BNA_M
ClientSampleId :
PB116033BS

Tot Ion	Ratio	Lower	Upper
122	100		
105	118.8	100.4	140.4
77	93.8	71.7	111.7

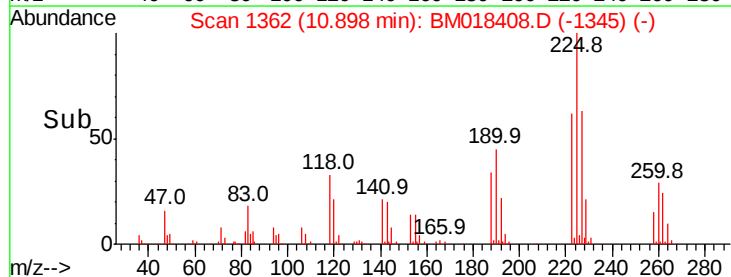
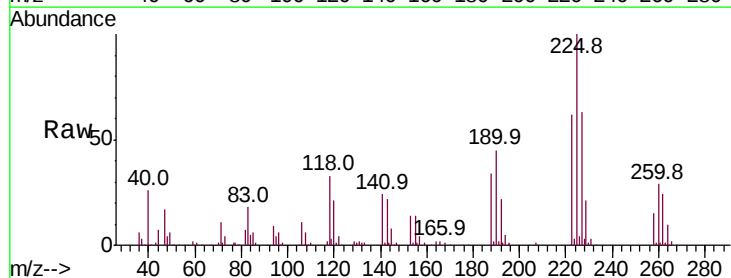
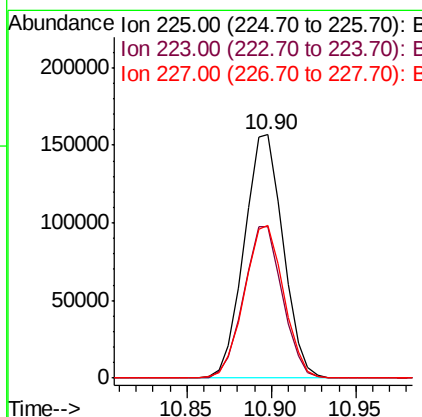
Manual Integrations
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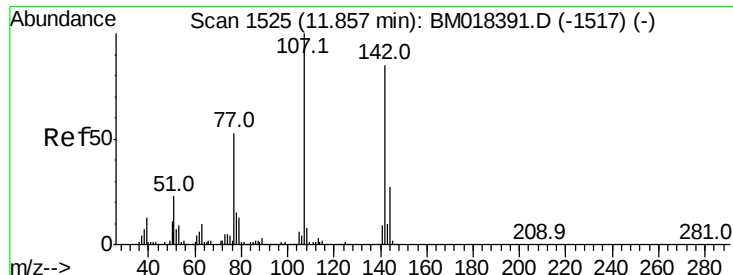
Sohil
12/28/2018 12:30:31 PM



#34
Hexachlorobutadiene
Concen: 17.552 ng
RT: 10.90 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BM018408.D
Acq: 27 Dec 2018 22:16

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.8	76.2
227	62.9	50.4	75.6





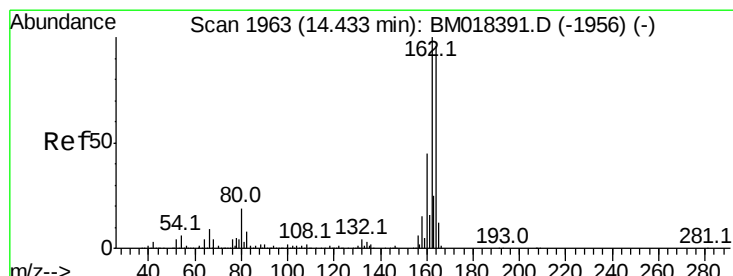
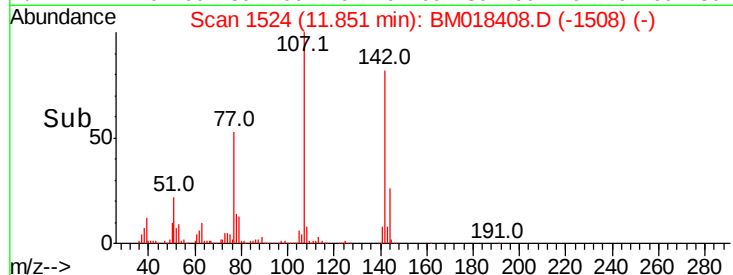
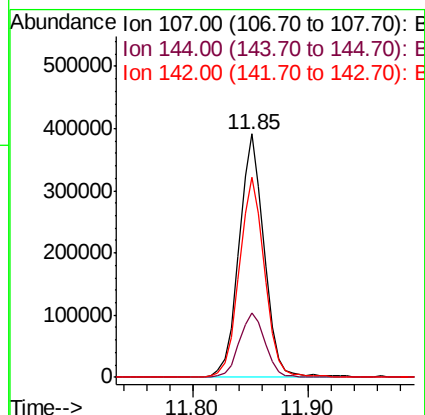
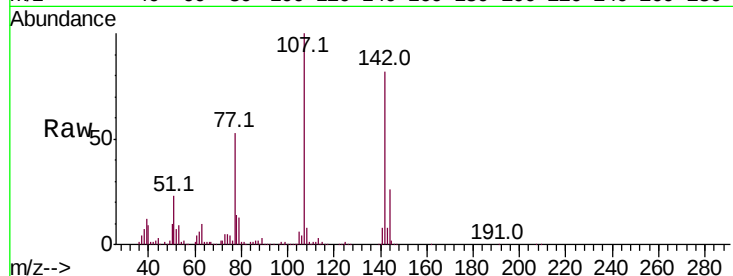
#36
4-Chloro-3-methylphenol
Concen: 26.913 ng
RT: 11.85 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BM018408.D
Acq: 27 Dec 2018 22:16

Instrument :
BNA_M
ClientSampleId :
PB116033BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
144	26.4	21.9	32.9	
142	82.4	67.9	101.9	

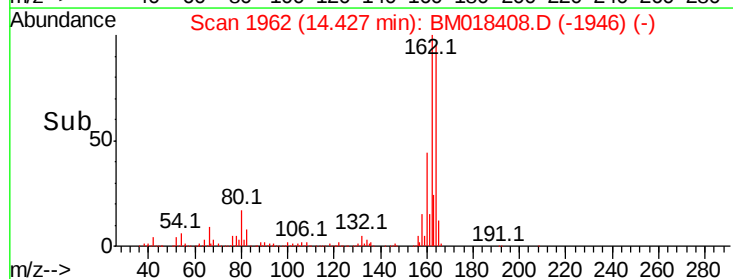
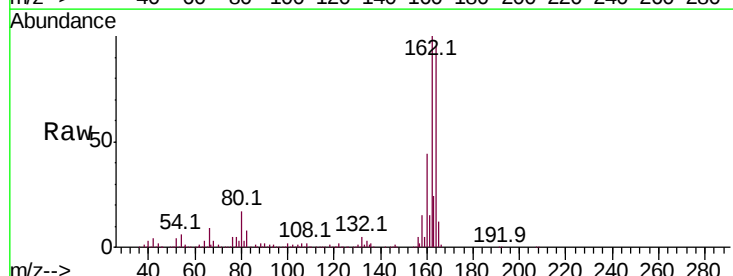
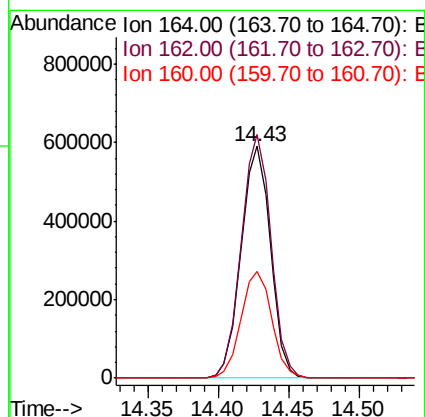
Manual Integrations
APPROVED

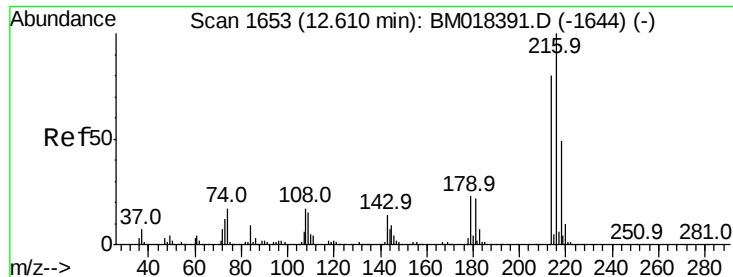
Sohil
12/28/2018 12:30:31 PM



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.43 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BM018408.D
Acq: 27 Dec 2018 22:16

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	105.2	83.0	124.4	
160	46.3	37.1	55.7	





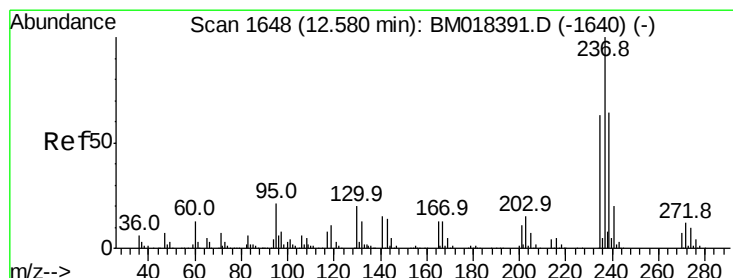
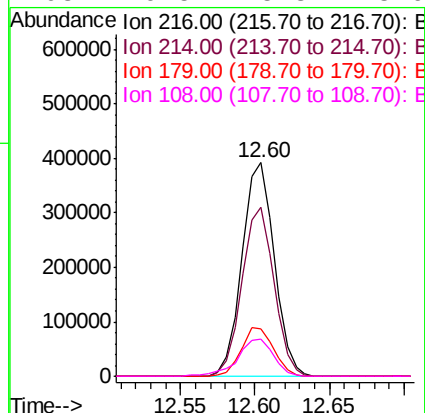
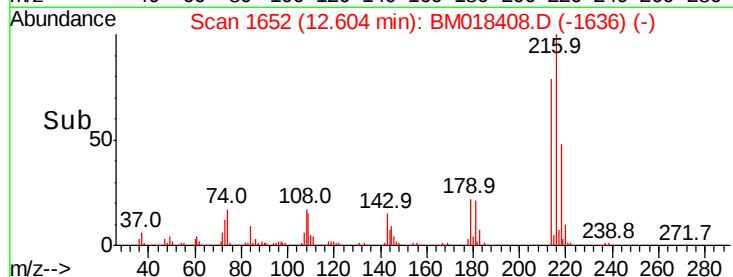
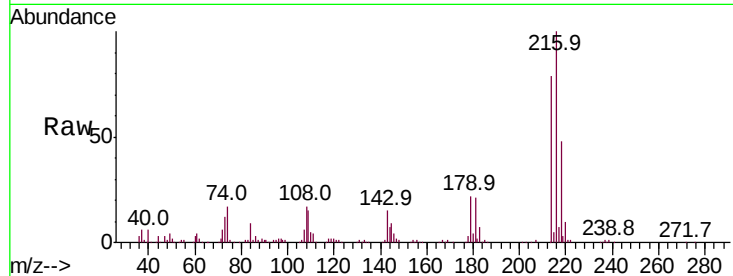
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 21.791 ng
 RT: 12.60 min Scan# 1652
 Delta R.T. -0.01 min
 Lab File: BM018408.D
 Acq: 27 Dec 2018 22:16

Instrument :
 BNA_M
 ClientSampleId :
 PB116033BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.5	63.4	95.0
179	23.1	17.9	26.9
108	19.5	15.8	23.6

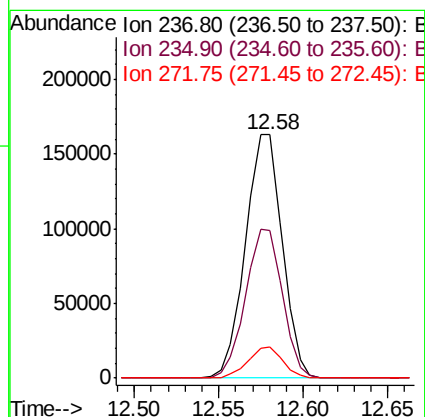
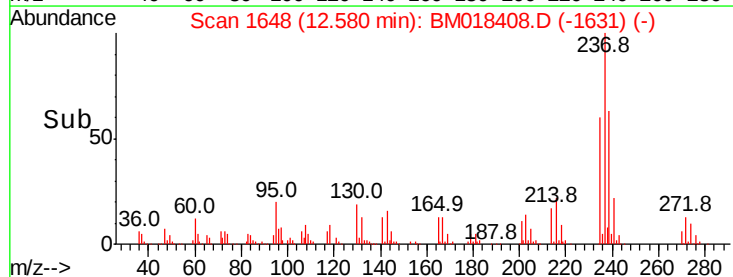
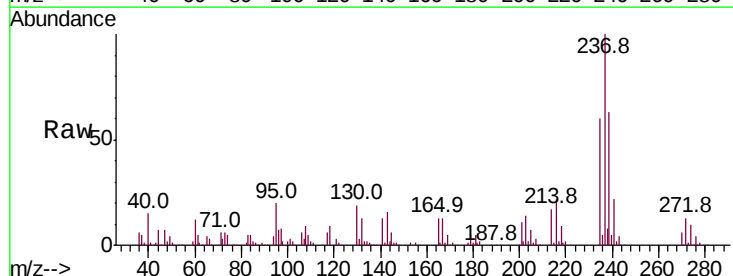
Manual Integrations
 APPROVED

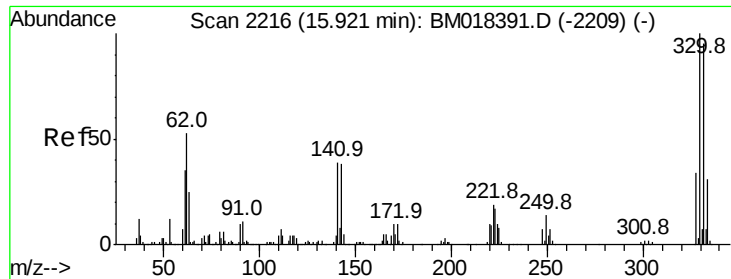
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#41
 Hexachlorocyclopentadiene
 Concen: 19.058 ng
 RT: 12.58 min Scan# 1648
 Delta R.T. 0.00 min
 Lab File: BM018408.D
 Acq: 27 Dec 2018 22:16

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	60.5	42.8	82.8
272	12.7	0.0	31.9





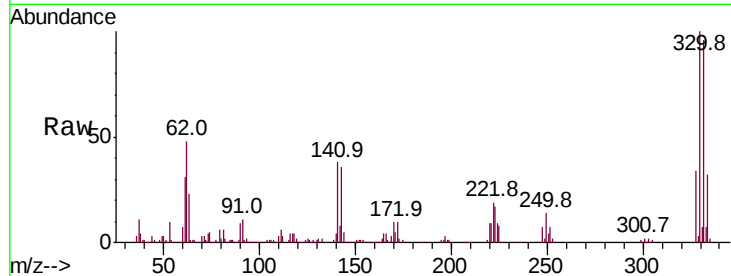
#42
 2,4,6-Tribromophenol
 Concen: 64.764 ng
 RT: 15.92 min Scan# 2216
 Delta R.T. 0.00 min
 Lab File: BM018408.D
 Acq: 27 Dec 2018 22:16

Instrument :
 BNA_M
 ClientSampleId :
 PB116033BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	706669		
332	96.7		77.6	116.4
141	40.8		31.7	47.5

Manual Integrations
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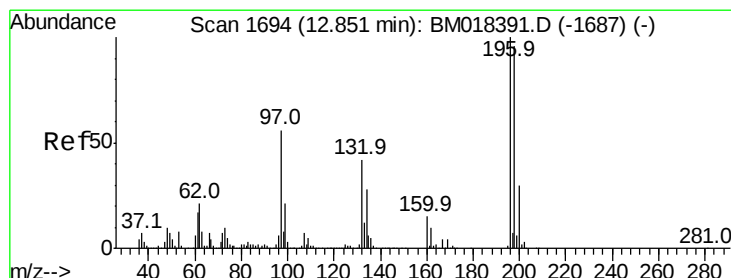
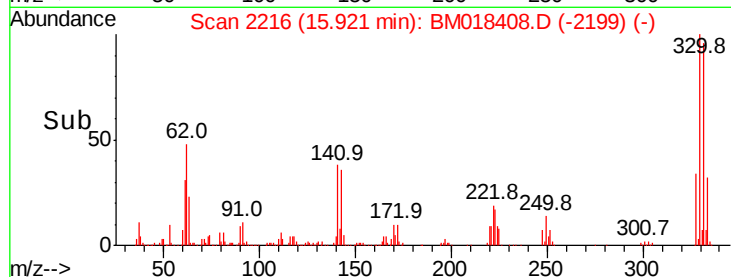
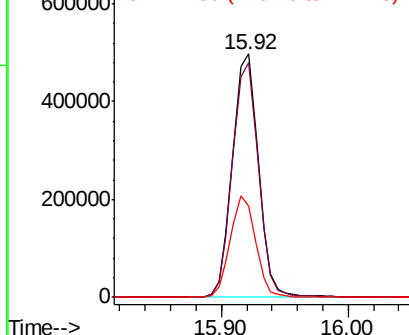


Abundance

Ion 329.80 (329.50 to 330.50): E

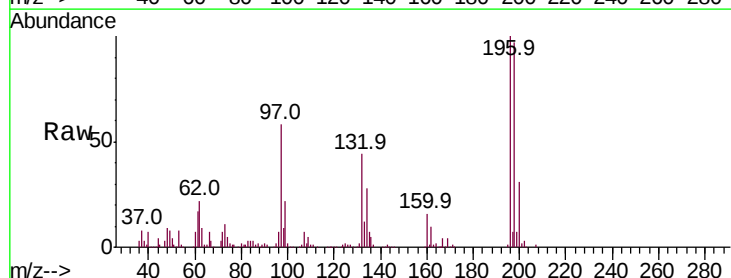
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#43
 2,4,6-Trichlorophenol
 Concen: 28.182 ng
 RT: 12.85 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BM018408.D
 Acq: 27 Dec 2018 22:16

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	430386		
198	97.1		76.6	115.0
200	31.4		24.2	36.4

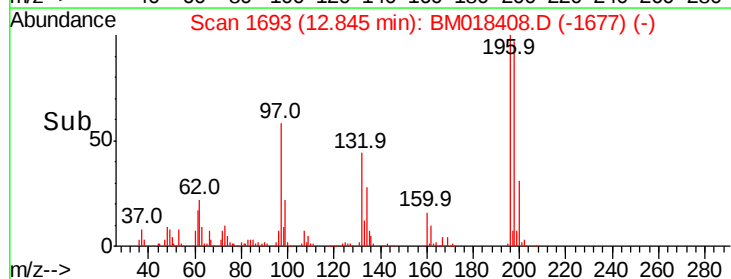
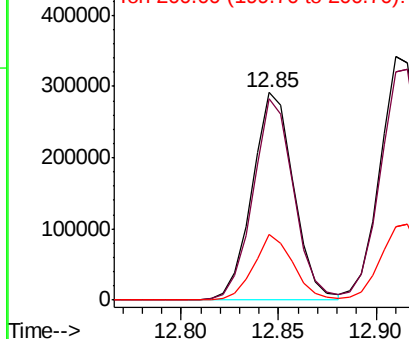


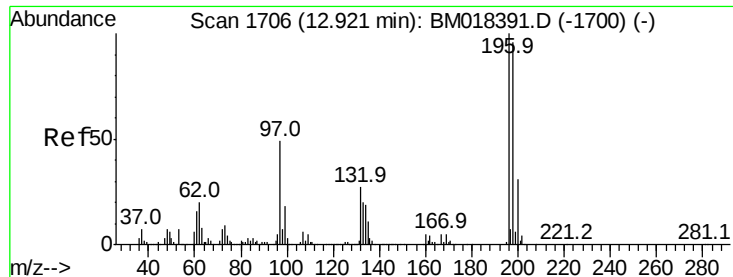
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





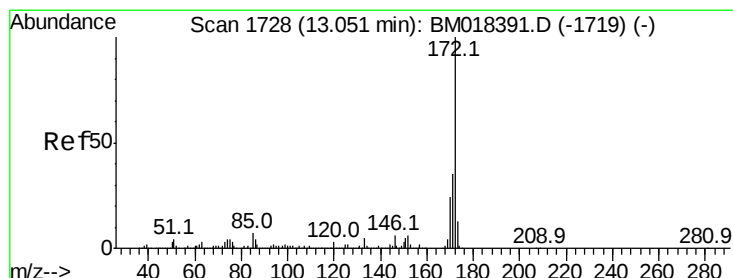
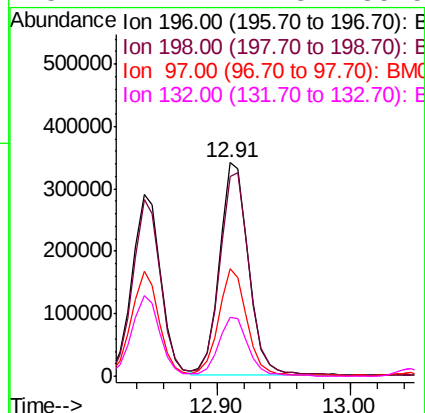
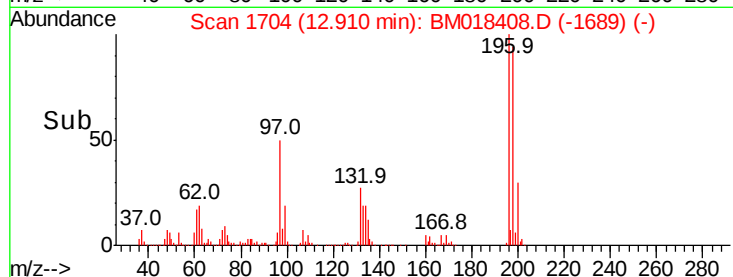
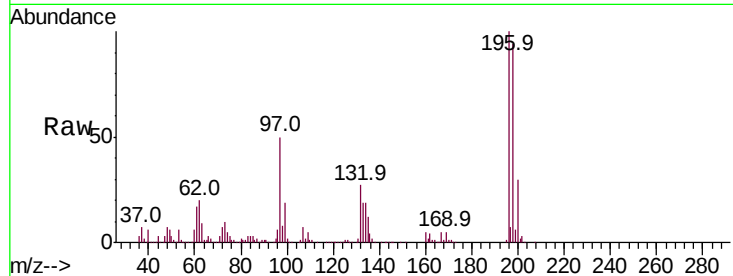
#44
2,4,5-Trichlorophenol
Concen: 31.101 ng
RT: 12.91 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BM018408.D
Acq: 27 Dec 2018 22:16

Instrument :
BNA_M
ClientSampleId :
PB116033BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	519026		
198	93.8	76.7	115.1	
97	50.4	39.2	58.8	
132	27.4	22.3	33.5	

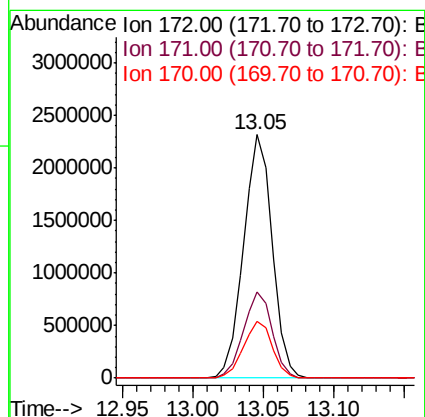
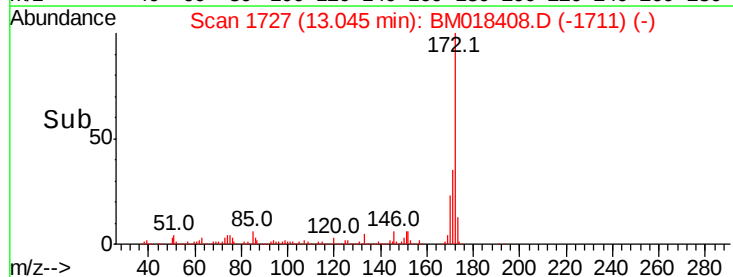
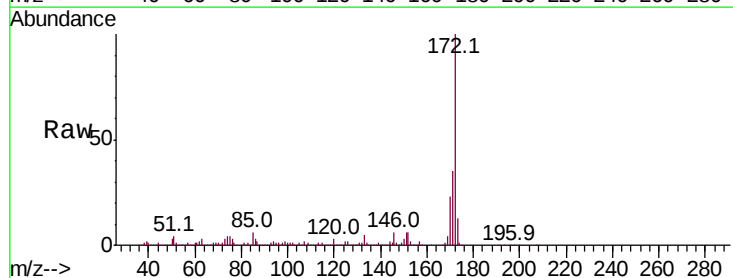
Manual Integrations
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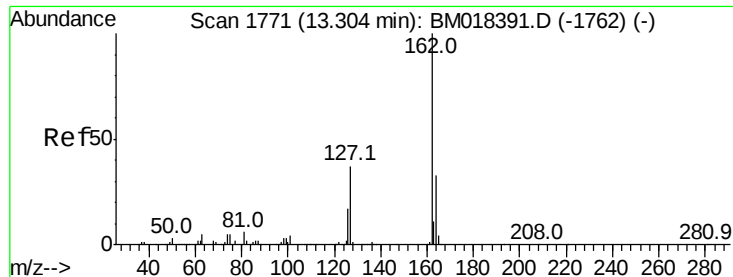
Sohil
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#45
2-Fluorobiphenyl
Concen: 51.760 ng
RT: 13.05 min Scan# 1727
Delta R.T. -0.01 min
Lab File: BM018408.D
Acq: 27 Dec 2018 22:16

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	3281927		
171	35.5	28.2	42.4	
170	23.4	18.9	28.3	





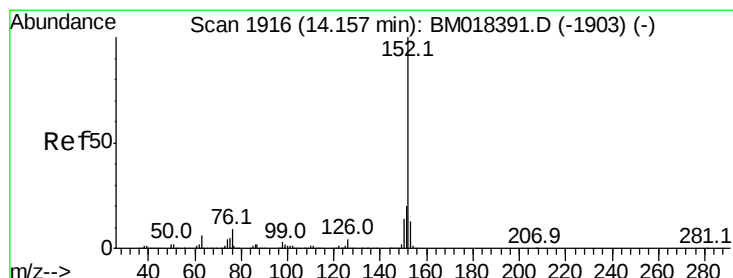
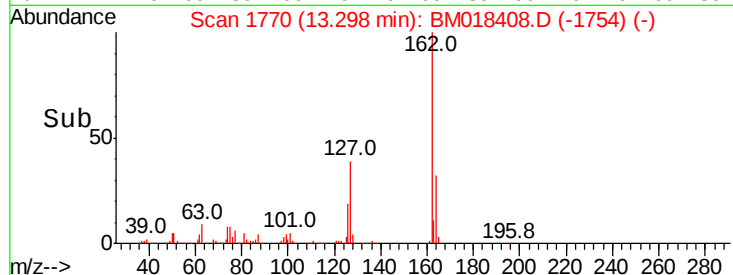
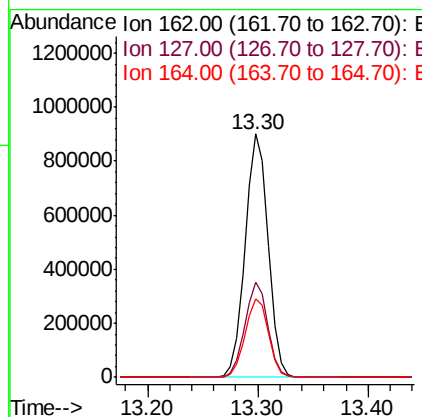
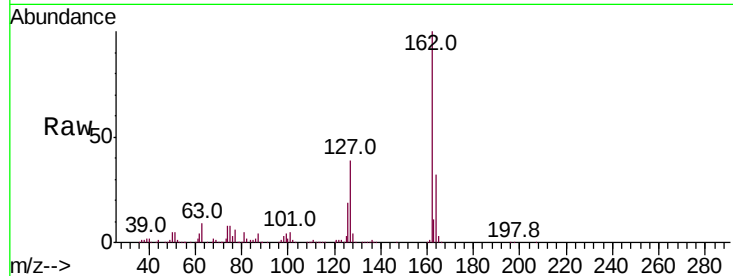
#47
2-Chloronaphthalene
Concen: 23.465 ng
RT: 13.30 min Scan# 1770
Delta R.T. -0.01 min
Lab File: BM018408.D
Acq: 27 Dec 2018 22:16

Instrument :
BNA_M
ClientSampleId :
PB116033BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.1	31.4	47.0
164	32.0	26.2	39.4

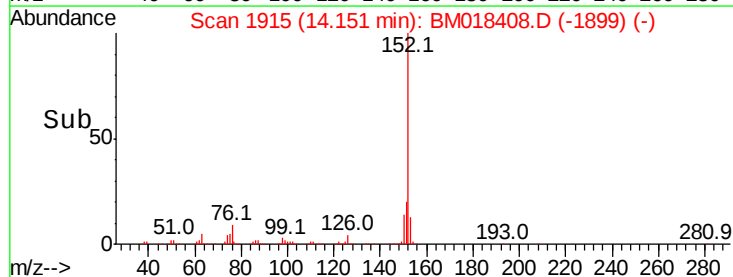
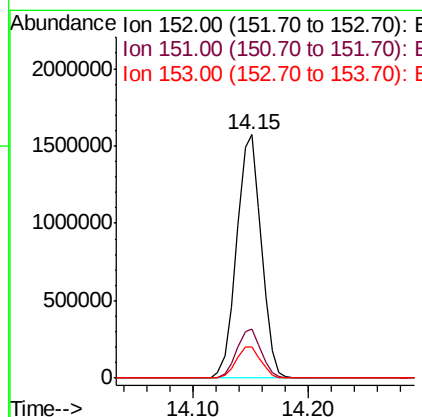
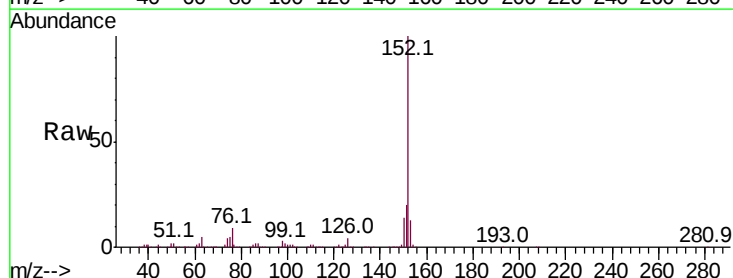
Manual Integrations
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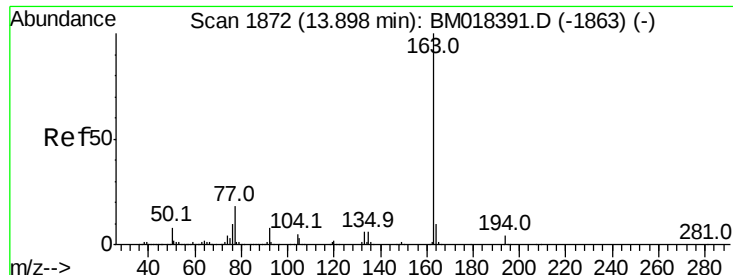
Sohil
12/28/2018 12:30:31 PM



#49
Acenaphthylene
Concen: 26.723 ng
RT: 14.15 min Scan# 1915
Delta R.T. -0.01 min
Lab File: BM018408.D
Acq: 27 Dec 2018 22:16

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.7	23.5
153	13.0	10.5	15.7





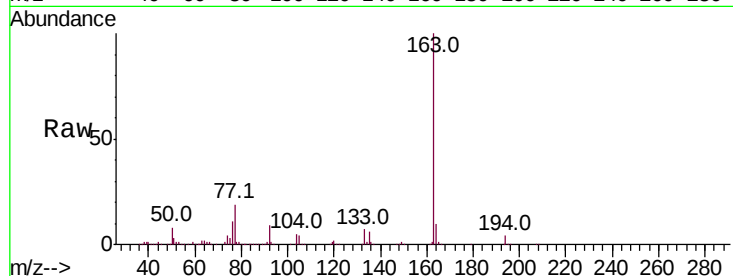
#50
Dimethylphthalate
Concen: 28.905 ng
RT: 13.89 min Scan# 1870
Delta R.T. -0.01 min
Lab File: BM018408.D
Acq: 27 Dec 2018 22:16

Instrument :
BNA_M
ClientSampleId :
PB116033BS

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.6
164	10.1	7.8	11.8

Manual Integrations
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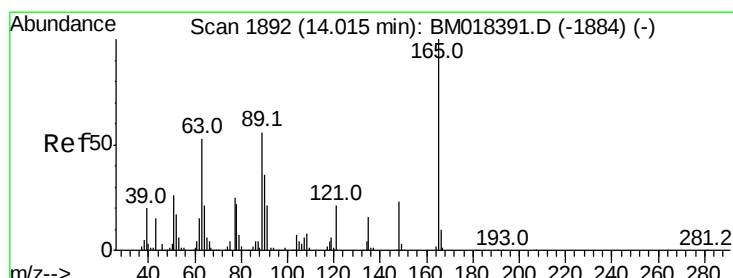
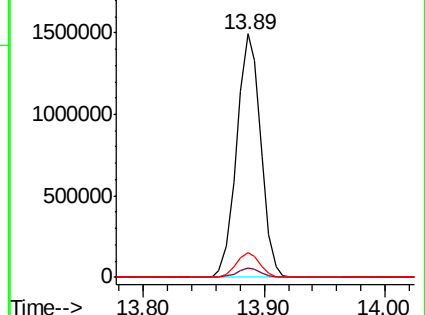
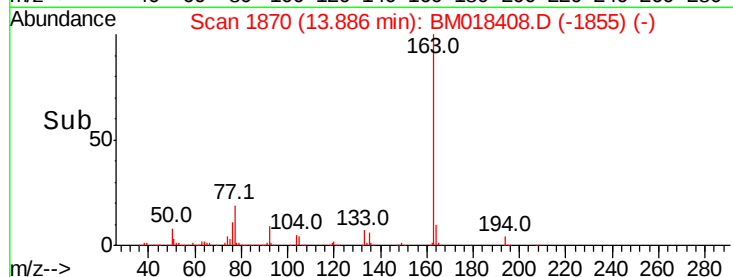


Abundance

Ion 163.00 (162.70 to 163.70): E

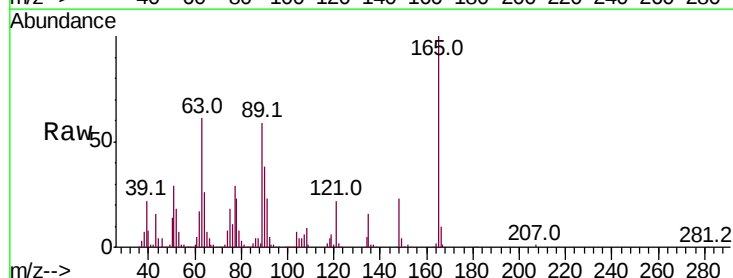
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51
2,6-Dinitrotoluene
Concen: 27.162 ng
RT: 14.01 min Scan# 1891
Delta R.T. -0.01 min
Lab File: BM018408.D
Acq: 27 Dec 2018 22:16

Tgt Ion	Ratio	Lower	Upper
165	100		
63	61.0	45.6	68.4
89	59.1	44.6	66.8

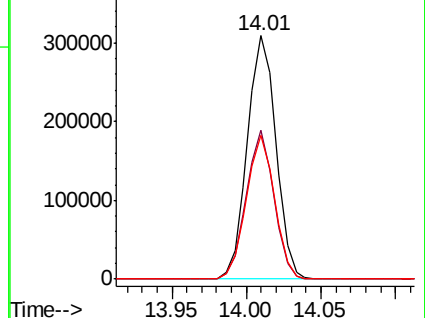
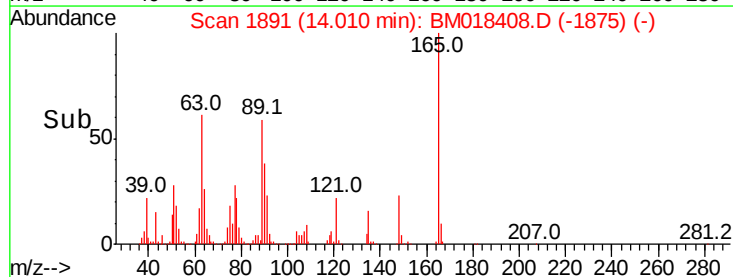


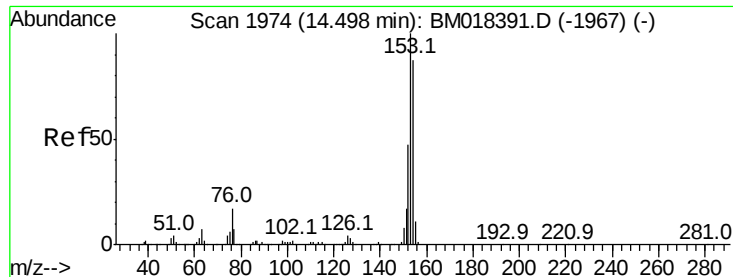
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BMC

Ion 89.00 (88.70 to 89.70): BMC





#52

Acenaphthene

Concen: 26.898 ng

RT: 14.49 min Scan# 1973

Delta R.T. -0.01 min

Lab File: BM018408.D

Acq: 27 Dec 2018 22:16

Instrument :

BNA_M

ClientSampleId :

PB116033BS

Tot Ion:154 Resp: 1404648

Ion Ratio Lower Upper

154 100

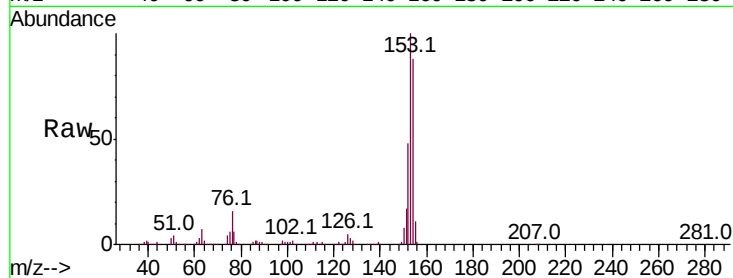
153 114.1 92.3 138.5

152 54.6 43.8 65.6

Manual Integrations
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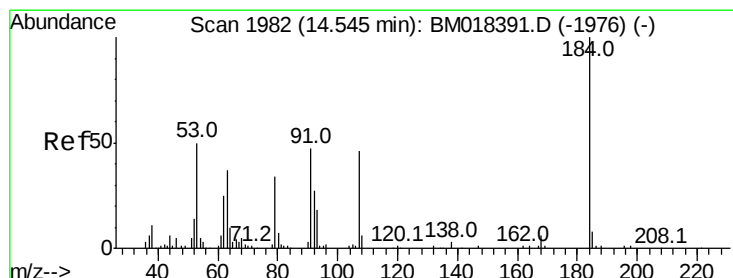
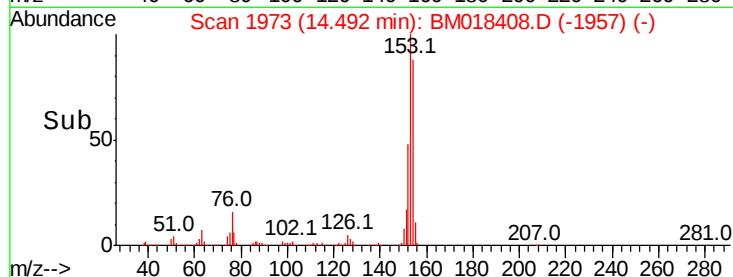
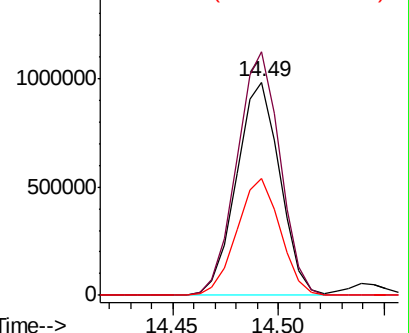
12/28/2018 12:30:31 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

2,4-Dinitrophenol

Concen: 34.605 ng

RT: 14.55 min Scan# 1982

Delta R.T. 0.00 min

Lab File: BM018408.D

Acq: 27 Dec 2018 22:16

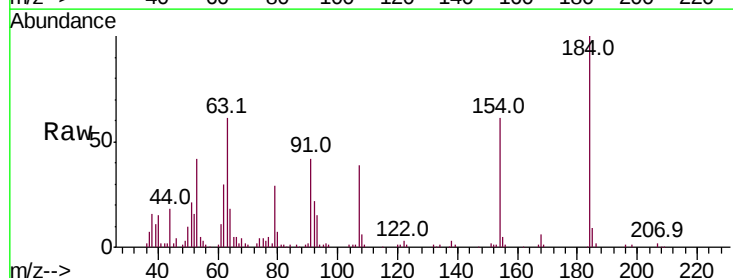
Tgt Ion:184 Resp: 123736

Ion Ratio Lower Upper

184 100

63 61.3 55.9 83.9

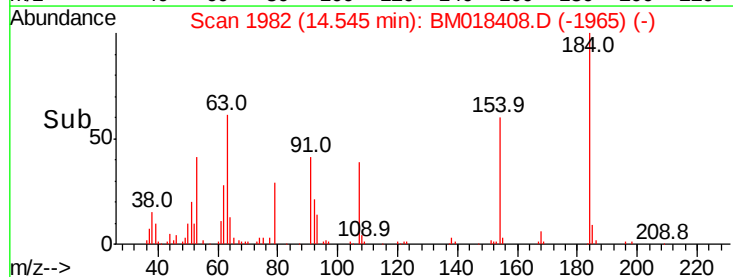
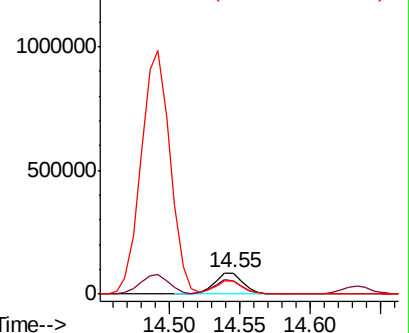
154 60.6 54.2 81.4

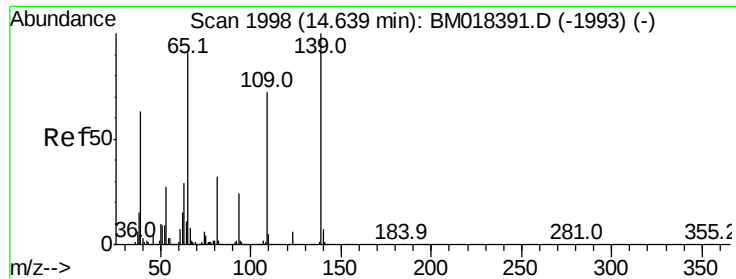


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E





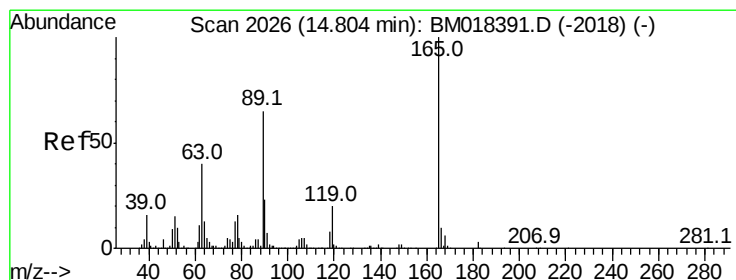
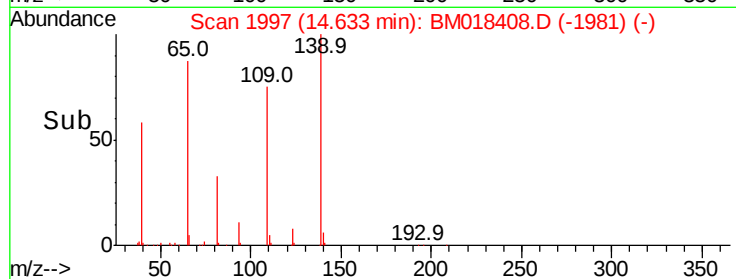
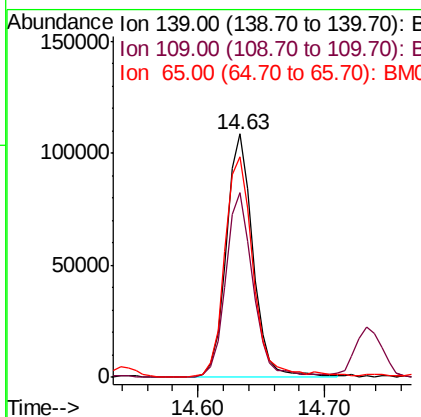
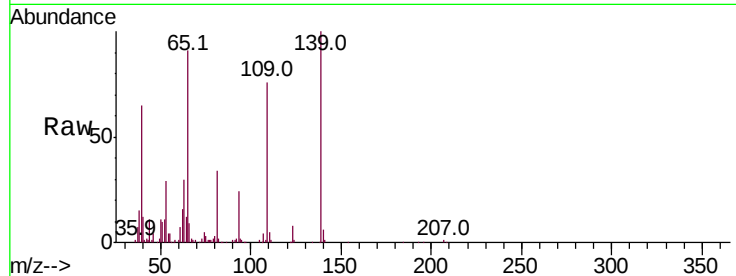
#56
4-Nitrophenol
Concen: 15.882 ng
RT: 14.63 min Scan# 1997
Delta R.T. -0.00 min
Lab File: BM018408.D
Acq: 27 Dec 2018 22:16

Instrument :
BNA_M
ClientSampleId :
PB116033BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	158663		
109	75.6	51.7	91.7	
65	90.6	71.4	111.4	

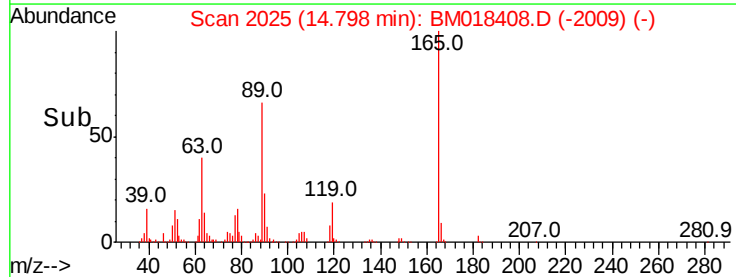
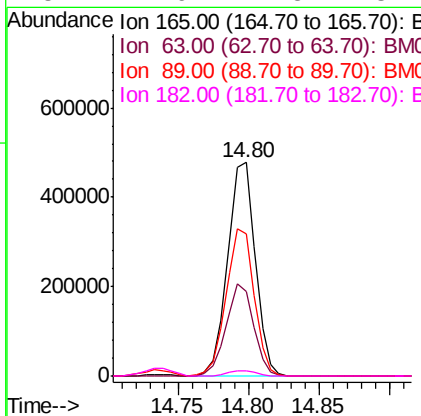
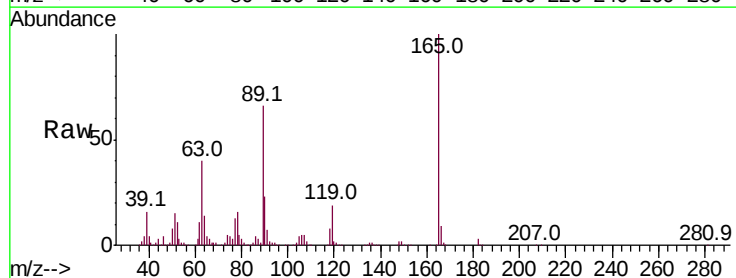
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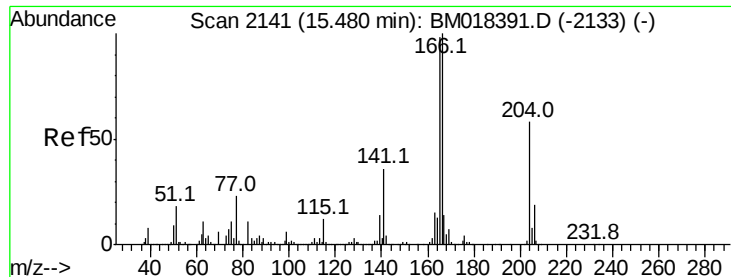
Sohil
12/28/2018 12:30:31 PM



#57
2,4-Dinitrotoluene
Concen: 32.052 ng
RT: 14.80 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BM018408.D
Acq: 27 Dec 2018 22:16

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	653023		
63	39.9	32.2	48.2	
89	66.3	52.1	78.1	
182	2.6	2.5	3.7	





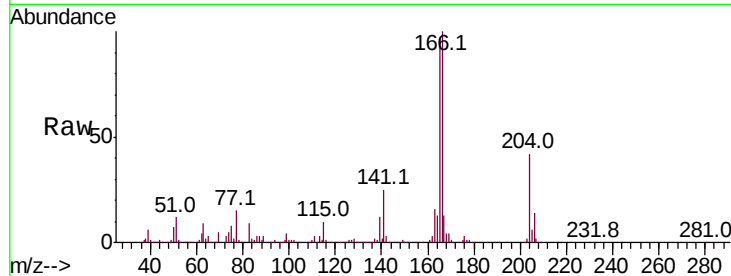
#58
 Fluorene
 Concen: 29.678 ng
 RT: 15.48 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: BM018408.D
 Acq: 27 Dec 2018 22:16

Instrument :
 BNA_M
 ClientSampleId :
 PB116033BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.2	78.3	117.5
167	13.2	10.9	16.3

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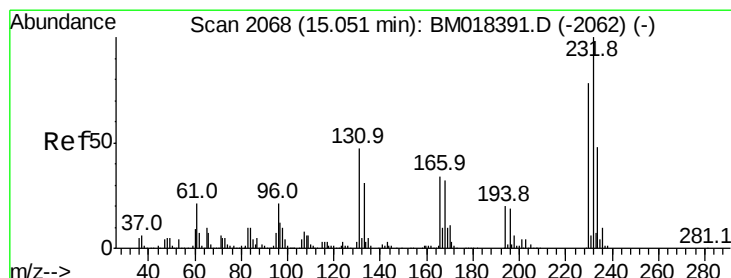
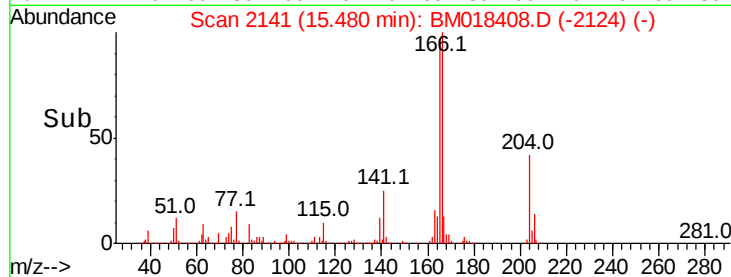
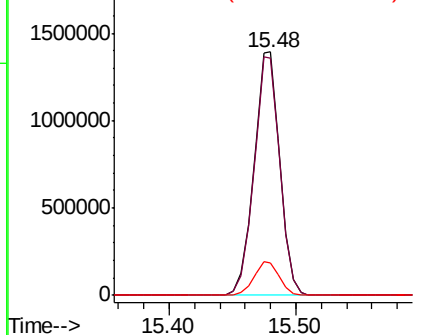


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 28.568 ng
 RT: 15.04 min Scan# 2067
 Delta R.T. -0.01 min
 Lab File: BM018408.D
 Acq: 27 Dec 2018 22:16

Tgt Ion	Ratio	Lower	Upper
232	100		
131	49.1	38.6	57.8
130	2.7	2.2	3.4
166	34.1	27.2	40.8

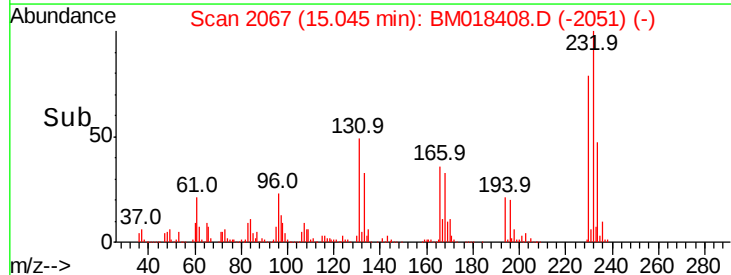
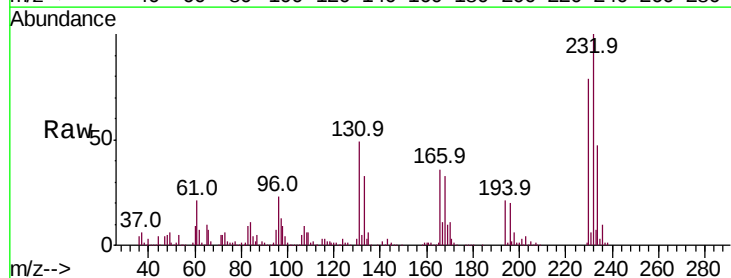
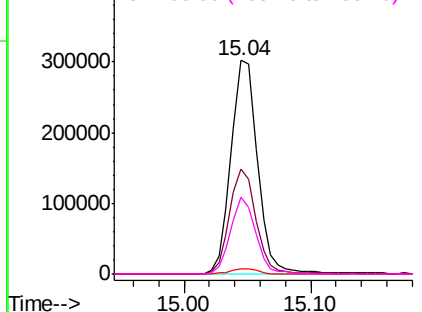
Abundance

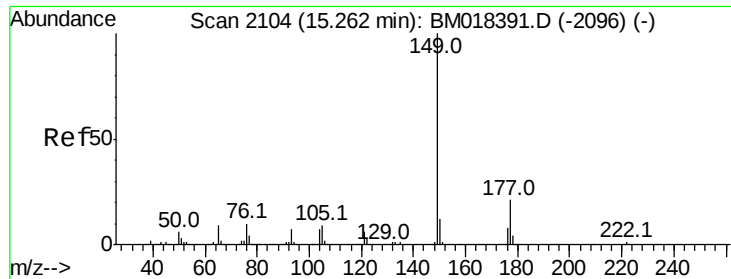
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





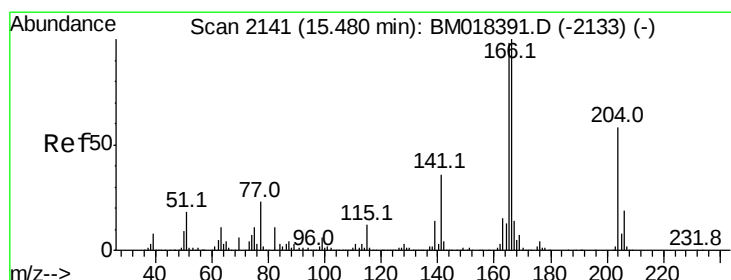
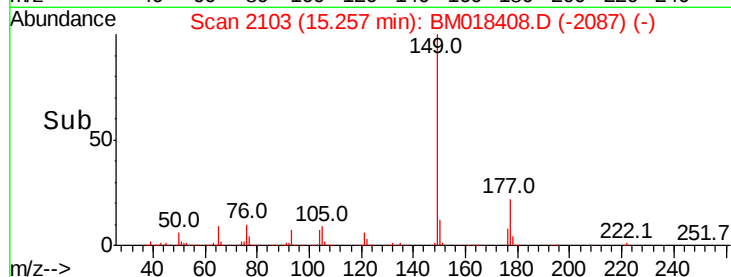
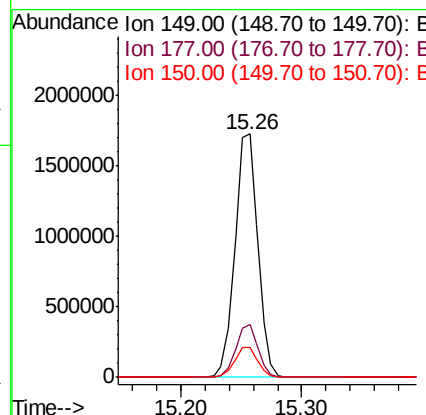
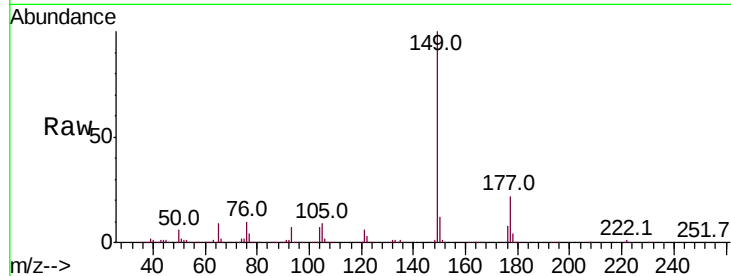
#60
Diethylphthalate
Concen: 30.288 ng
RT: 15.26 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BM018408.D
Acq: 27 Dec 2018 22:16

Instrument :
BNA_M
ClientSampleId :
PB116033BS

Tot Ion:149 Resp: 2272936
Ion Ratio Lower Upper
149 100
177 21.8 17.1 25.7
150 12.5 9.8 14.6

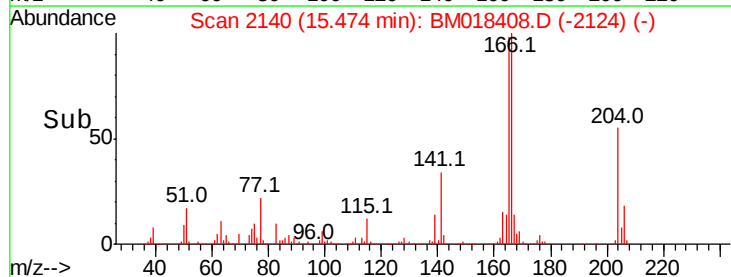
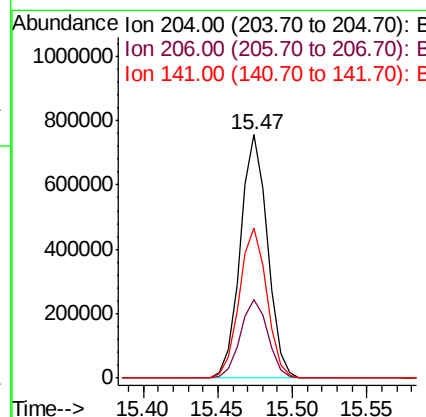
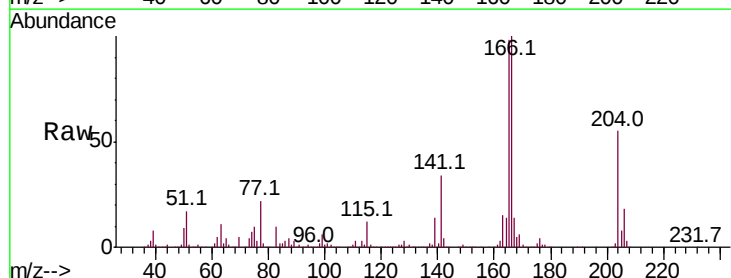
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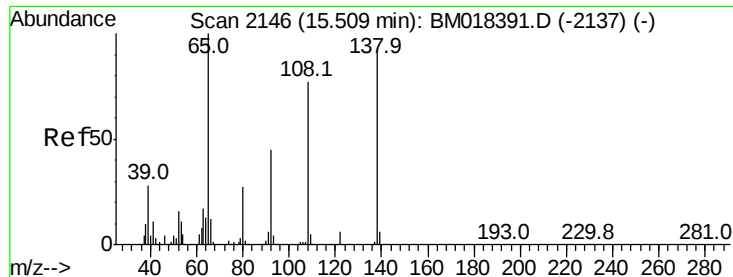
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#61
4-Chlorophenyl-phenylether
Concen: 26.153 ng
RT: 15.47 min Scan# 2140
Delta R.T. -0.01 min
Lab File: BM018408.D
Acq: 27 Dec 2018 22:16

Tgt Ion:204 Resp: 956303
Ion Ratio Lower Upper
204 100
206 32.5 25.8 38.6
141 61.9 49.5 74.3





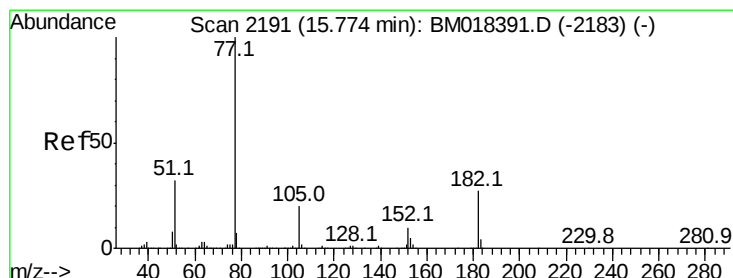
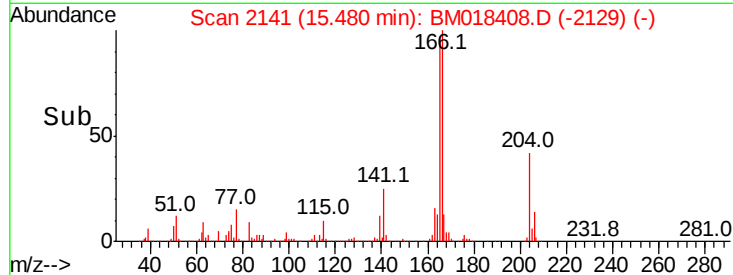
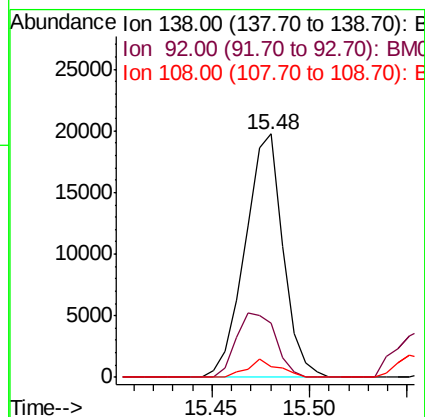
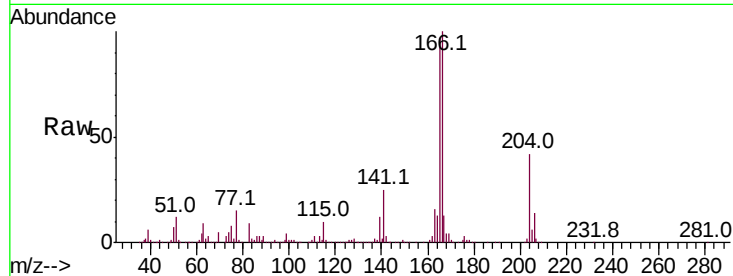
#62
4-Nitroaniline
Concen: 1.493 ng
RT: 15.48 min Scan# 2141
Delta R.T. -0.03 min
Lab File: BM018408.D
Acq: 27 Dec 2018 22:16

Instrument :
BNA_M
ClientSampled :
PB116033BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	22.3	29.0	69.0#
108	4.5	63.9	103.9#

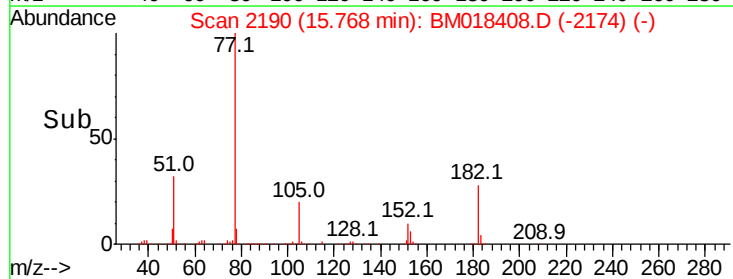
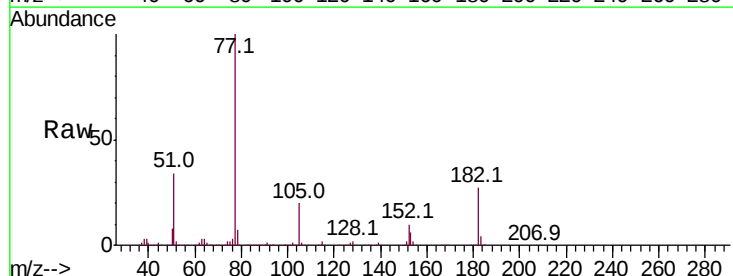
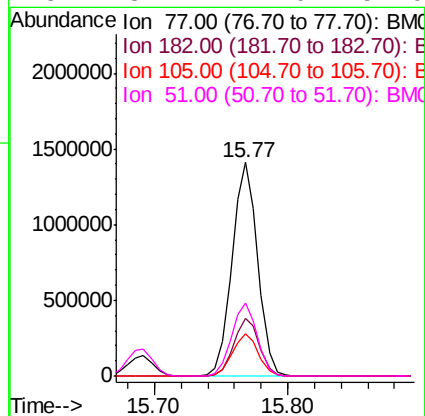
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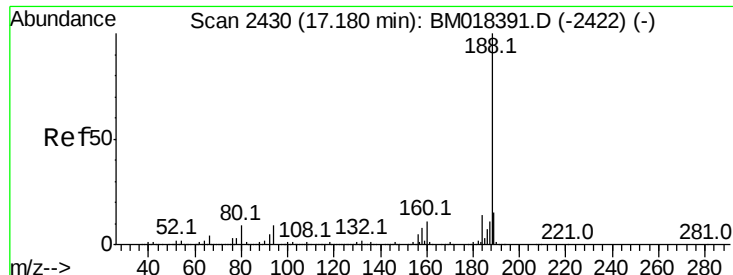
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#63
Azobenzene
Concen: 27.453 ng
RT: 15.77 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BM018408.D
Acq: 27 Dec 2018 22:16

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.9	7.4	47.4
105	19.7	0.0	39.6
51	34.1	12.0	52.0





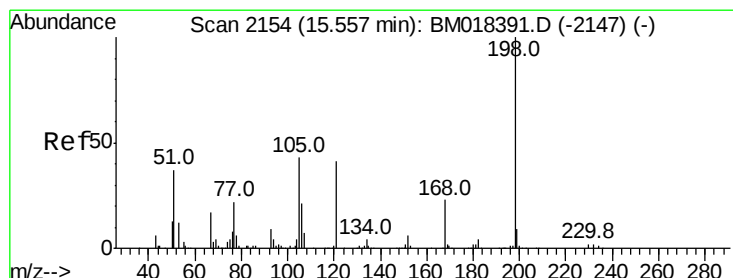
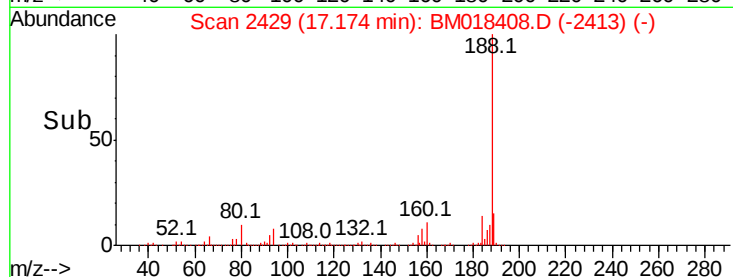
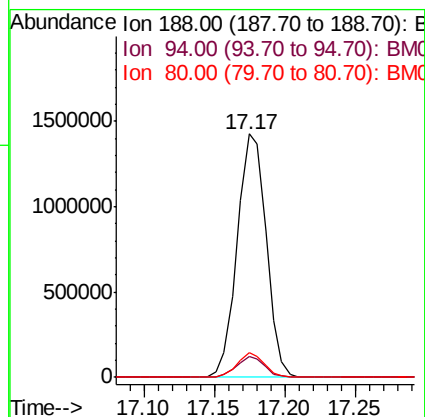
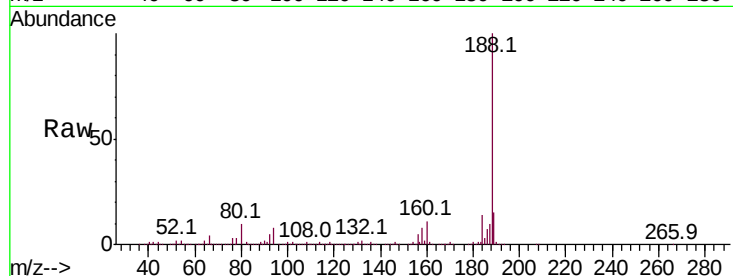
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.17 min Scan# 2429
Delta R.T. -0.01 min
Lab File: BM018408.D
Acq: 27 Dec 2018 22:16

Instrument :
BNA_M
ClientSampleId :
PB116033BS

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.1	10.7
80	9.9	7.6	11.4

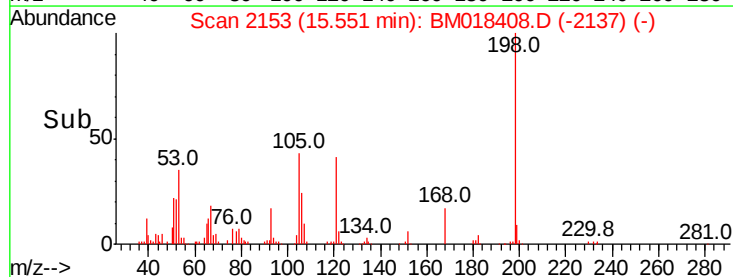
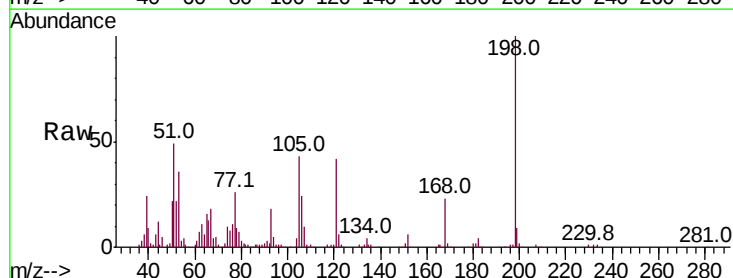
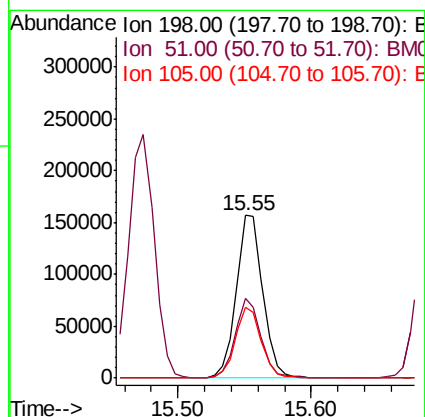
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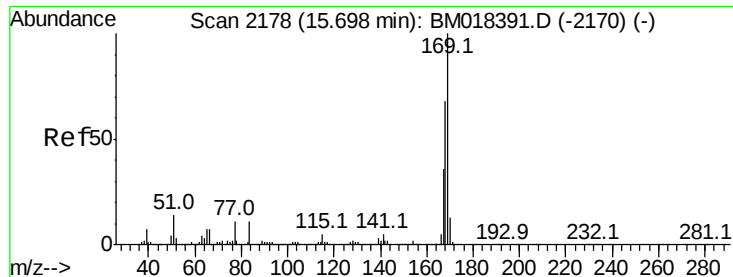
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#65
4,6-Dinitro-2-methylphenol
Concen: 30.233 ng
RT: 15.55 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BM018408.D
Acq: 27 Dec 2018 22:16

Tgt Ion	Ratio	Lower	Upper
198	100		
51	49.1	29.6	69.6
105	43.3	25.5	65.5





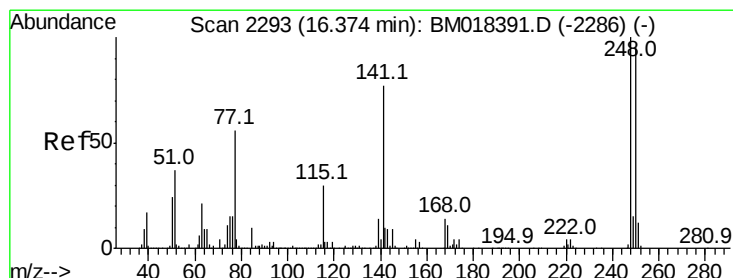
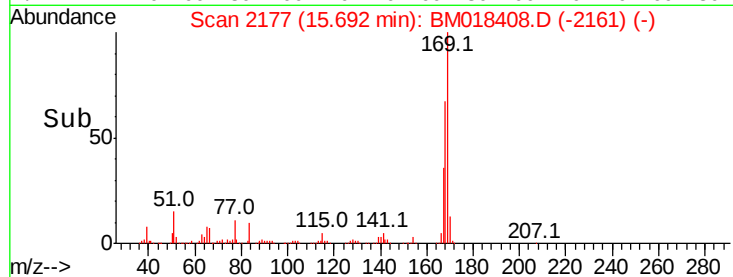
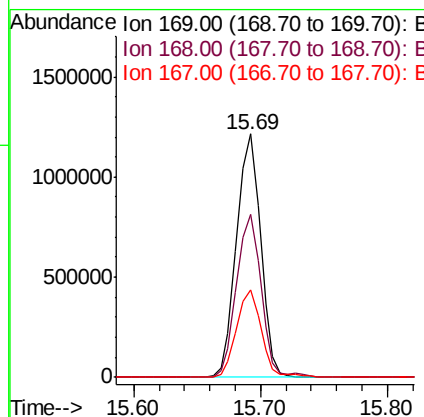
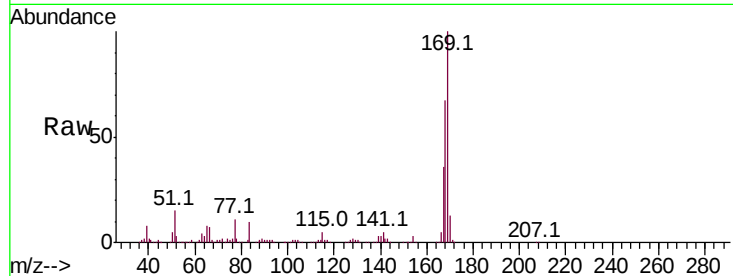
#66
 n-Nitrosodiphenylamine
 Concen: 25.103 ng
 RT: 15.69 min Scan# 2177
 Delta R.T. -0.01 min
 Lab File: BM018408.D
 Acq: 27 Dec 2018 22:16

Instrument :
 BNA_M
 ClientSampleId :
 PB116033BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.2	54.1	81.1
167	35.8	28.6	42.8

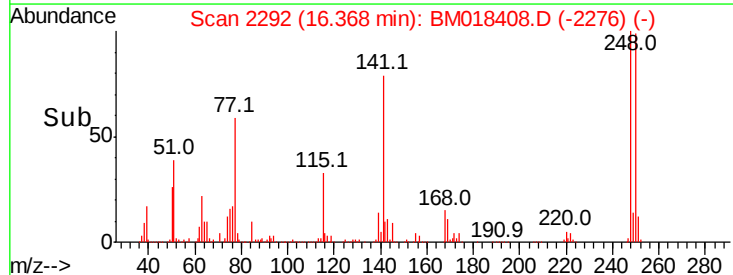
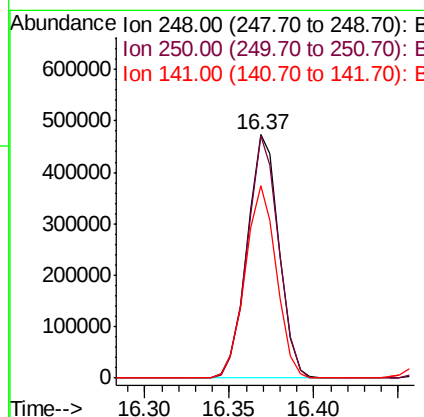
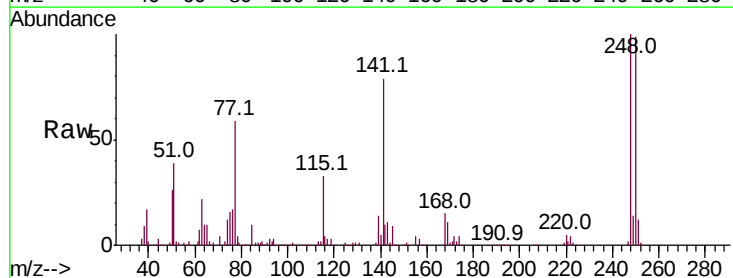
Manual Integrations
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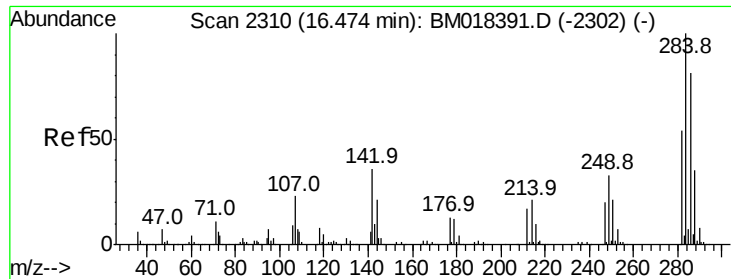
Sohil
 12/28/2018 12:30:31 PM



#67
 4-Bromophenyl-phenylether
 Concen: 27.854 ng
 RT: 16.37 min Scan# 2292
 Delta R.T. -0.01 min
 Lab File: BM018408.D
 Acq: 27 Dec 2018 22:16

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.5	76.0	114.0
141	79.3	61.5	92.3





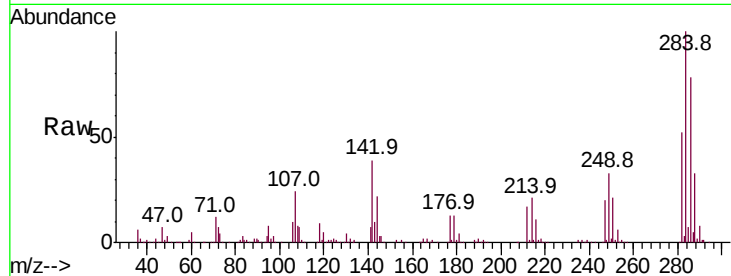
#68
Hexachlorobenzene
Concen: 29.501 ng
RT: 16.47 min Scan# 2309
Delta R.T. -0.01 min
Lab File: BM018408.D
Acq: 27 Dec 2018 22:16

Instrument :
BNA_M
ClientSampleId :
PB116033BS

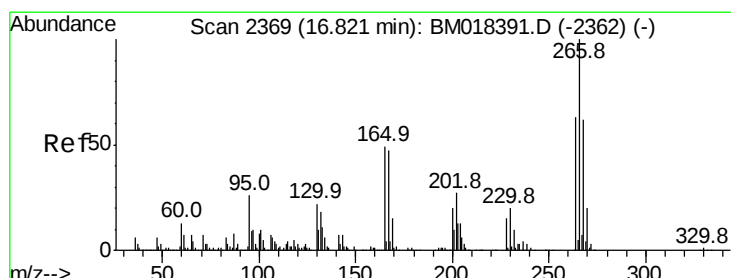
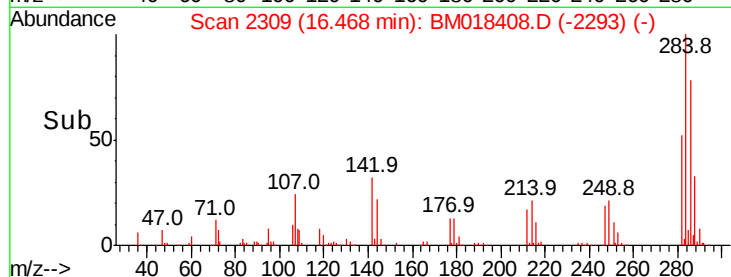
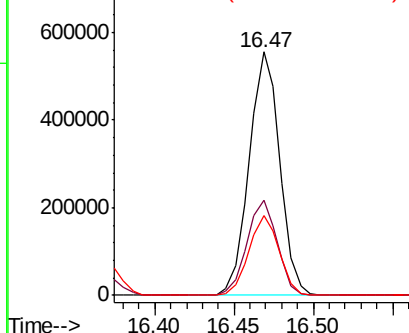
Tot Ion	Ratio	Resp	Lower	Upper
284	100	744757		
142	38.8	29.2	43.8	
249	32.5	26.1	39.1	

Manual Integrations
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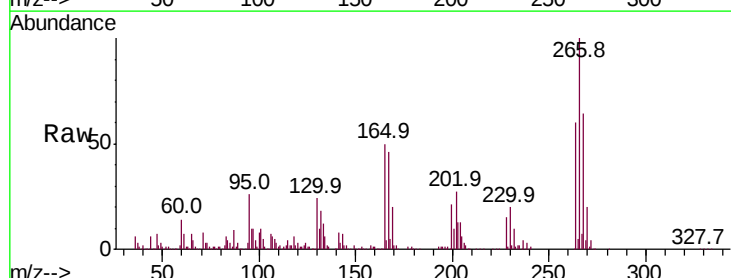


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

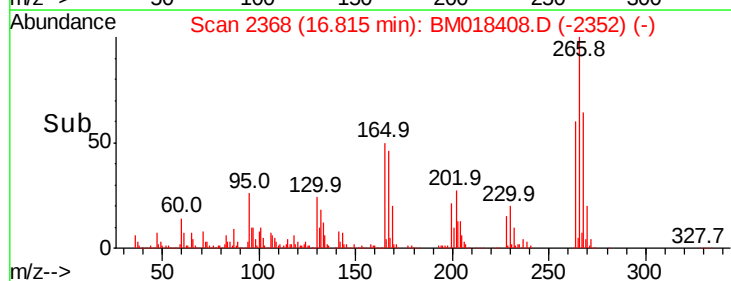
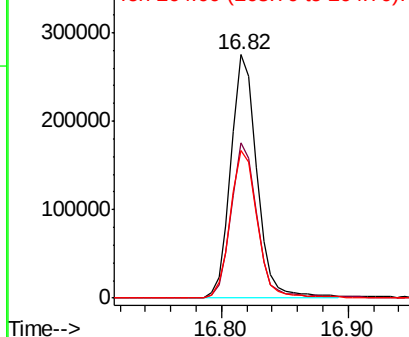


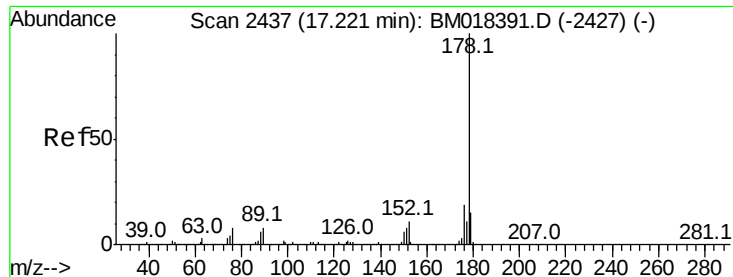
#70
Pentachlorophenol
Concen: 26.698 ng
RT: 16.82 min Scan# 2368
Delta R.T. -0.01 min
Lab File: BM018408.D
Acq: 27 Dec 2018 22:16

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	393001		
268	64.0	49.8	74.6	
264	60.4	50.1	75.1	



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





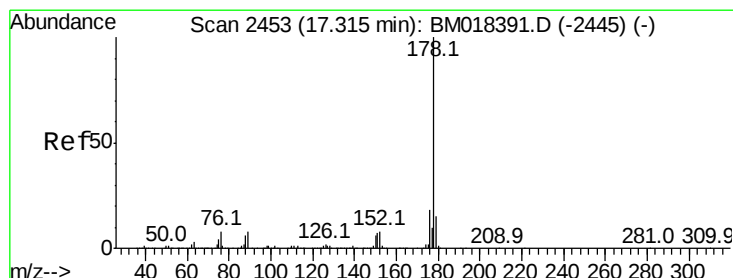
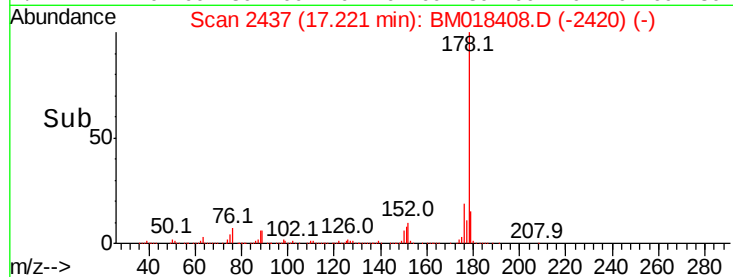
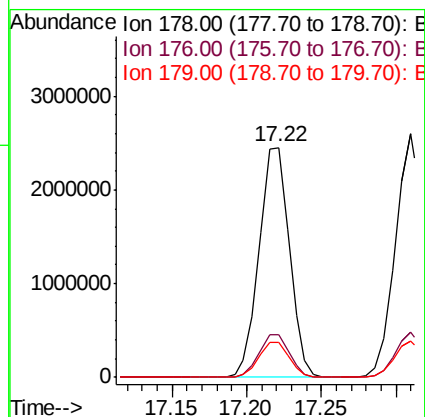
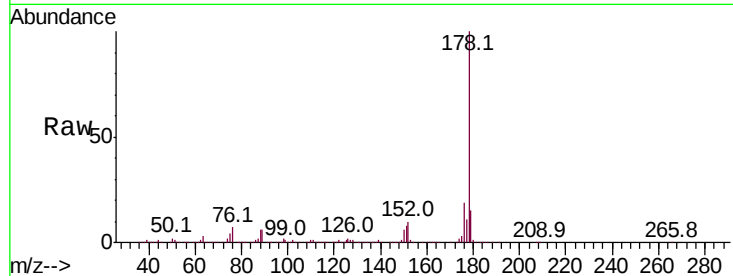
#71
Phenanthrene
Concen: 31.797 ng
RT: 17.22 min Scan# 2437
Delta R.T. 0.00 min
Lab File: BM018408.D
Acq: 27 Dec 2018 22:16

Instrument :
BNA_M
ClientSampleId :
PB116033BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.0
179	15.1	12.2	18.4

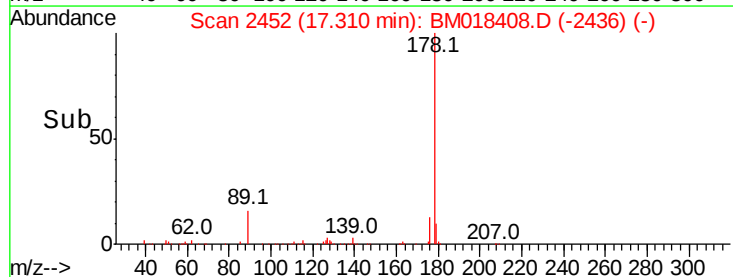
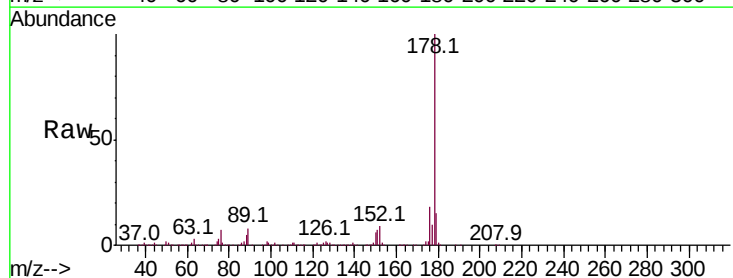
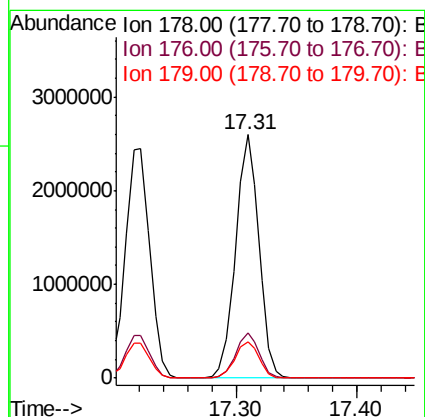
Manual Integrations
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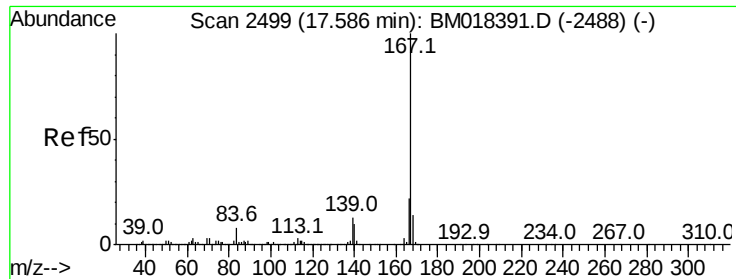
Sohil
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#72
Anthracene
Concen: 32.270 ng
RT: 17.31 min Scan# 2452
Delta R.T. -0.01 min
Lab File: BM018408.D
Acq: 27 Dec 2018 22:16

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.7	22.1
179	15.0	12.2	18.4





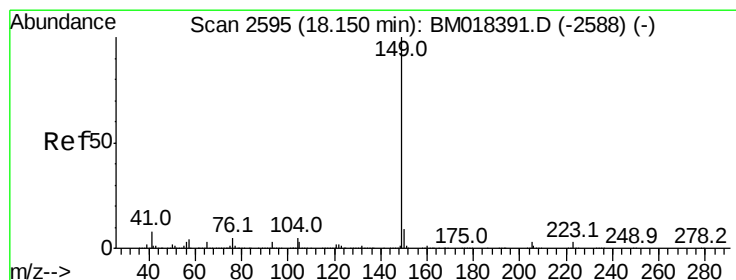
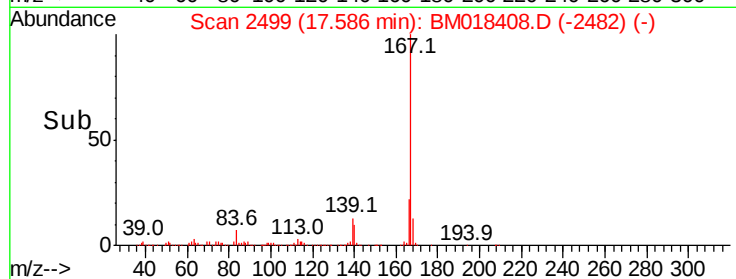
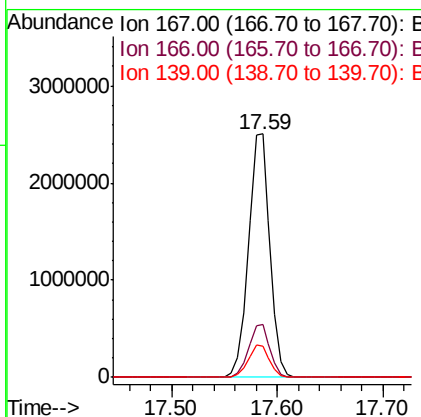
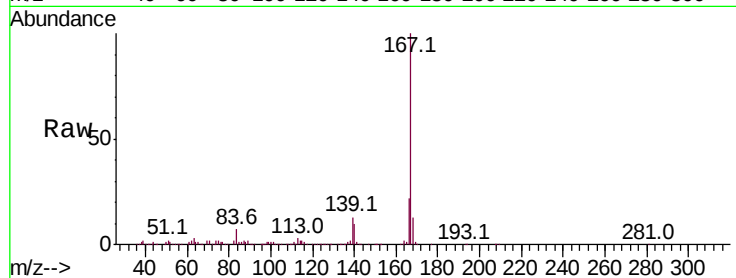
#73
 Carbazole
 Concen: 31.145 ng
 RT: 17.59 min Scan# 2499
 Delta R.T. 0.00 min
 Lab File: BM018408.D
 Acq: 27 Dec 2018 22:16

Instrument :
 BNA_M
 ClientSampleId :
 PB116033BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.4	26.2
139	13.0	10.6	16.0

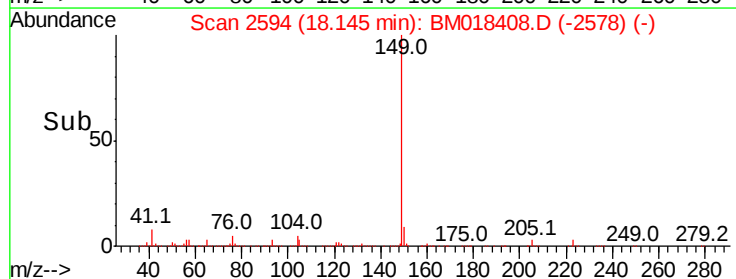
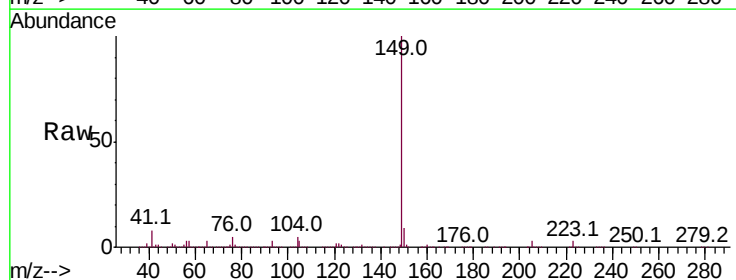
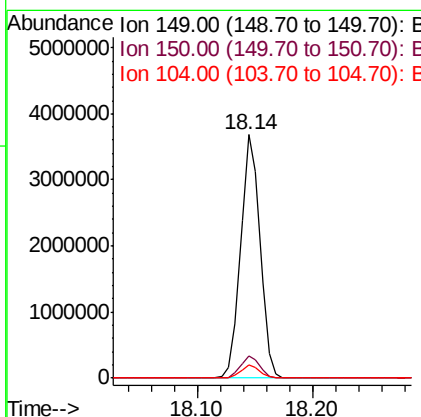
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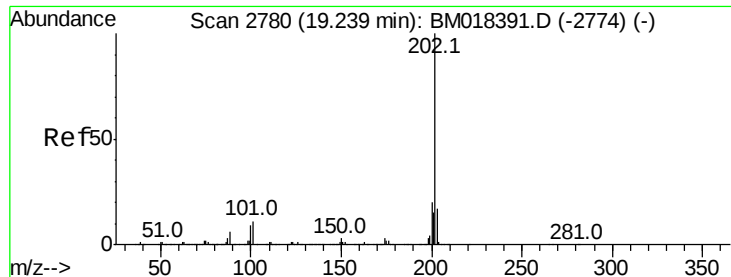
Sohil
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#74
 Di-n-butylphthalate
 Concen: 33.251 ng
 RT: 18.14 min Scan# 2594
 Delta R.T. -0.01 min
 Lab File: BM018408.D
 Acq: 27 Dec 2018 22:16

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.3	10.9
104	5.3	4.2	6.4





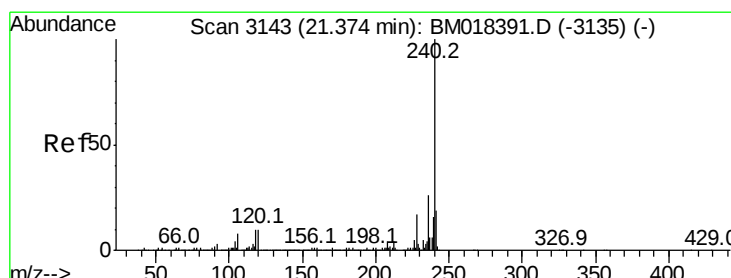
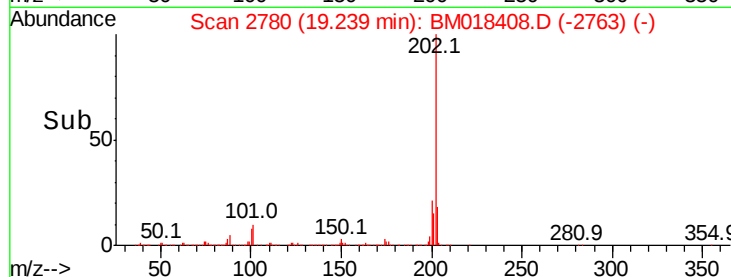
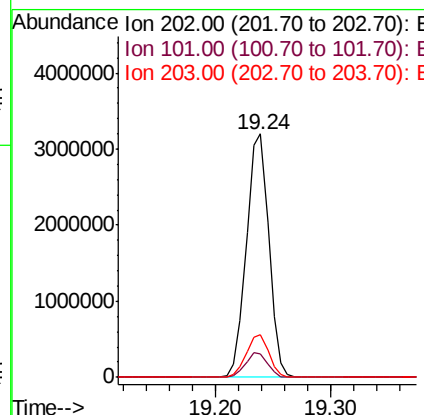
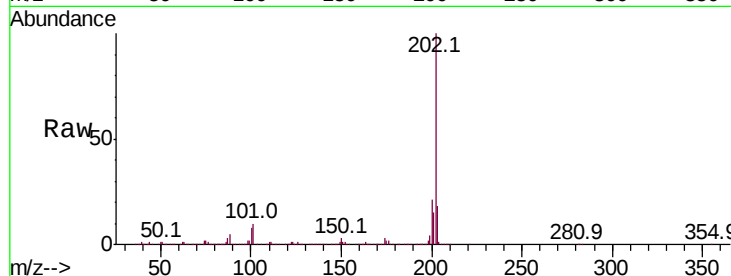
#75
 Fluoranthene
 Concen: 33.584 ng
 RT: 19.24 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: BM018408.D
 Acq: 27 Dec 2018 22:16

Instrument :
 BNA_M
 ClientSampleId :
 PB116033BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	30.9
203	17.5	0.0	37.4

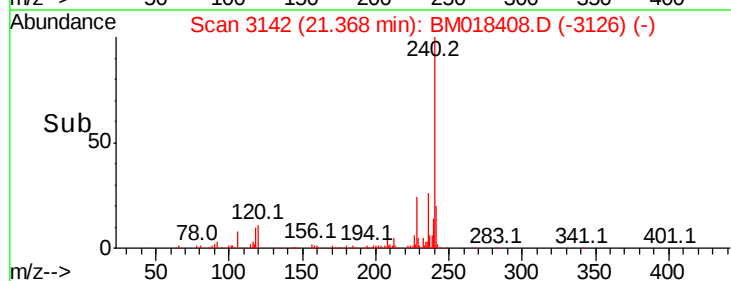
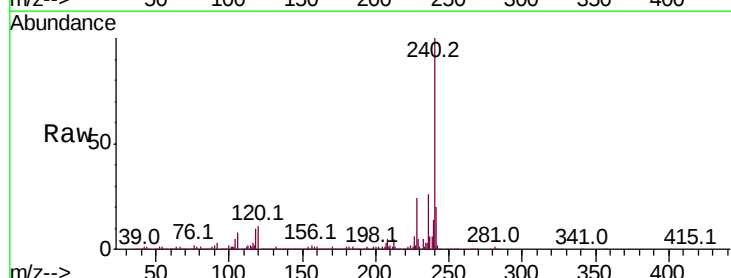
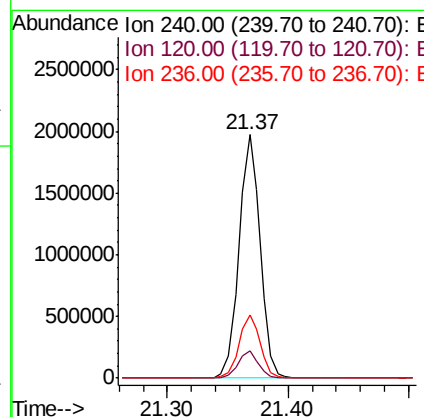
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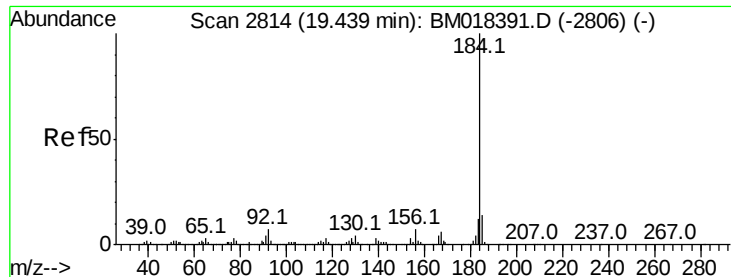
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.37 min Scan# 3142
 Delta R.T. -0.01 min
 Lab File: BM018408.D
 Acq: 27 Dec 2018 22:16

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.4	12.6
236	25.9	20.7	31.1





#77

Benzidine

Concen: 30.772 ng

RT: 19.43 min Scan# 2813

Delta R.T. -0.01 min

Lab File: BM018408.D

Acq: 27 Dec 2018 22:16

Instrument :

BNA_M

ClientSampleId :

PB116033BS

Tot Ion:184 Resp: 2116291

Ion Ratio Lower Upper

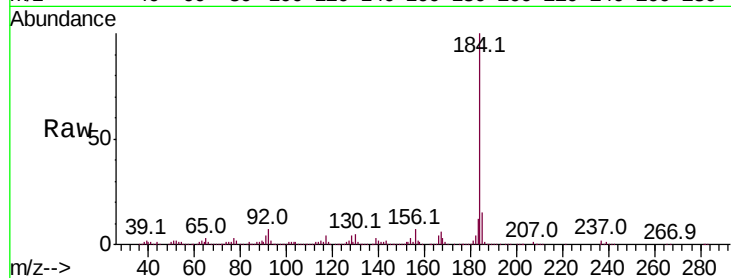
184 100

185 14.8 11.4 17.0

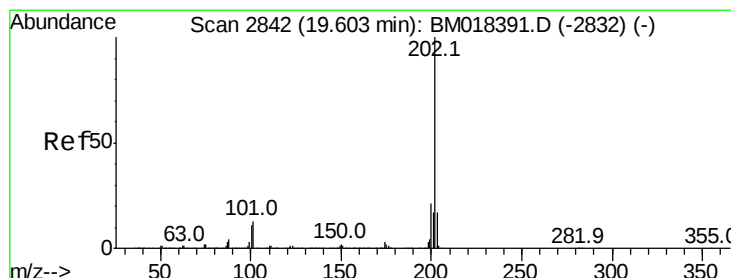
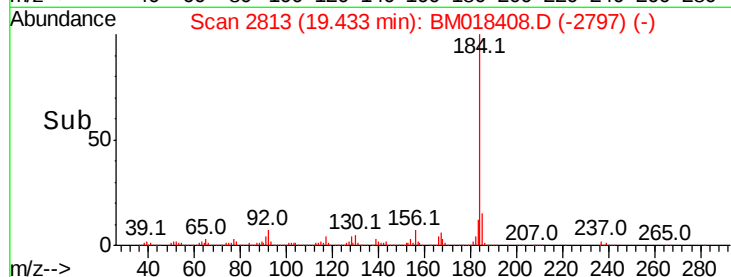
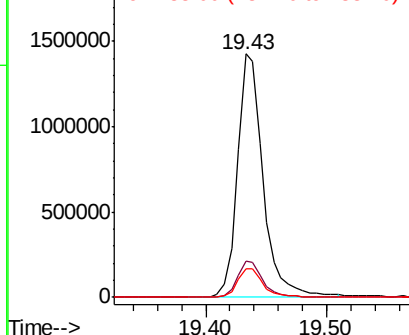
183 11.6 9.5 14.3

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



#78

Pyrene

Concen: 32.869 ng

RT: 19.60 min Scan# 2842

Delta R.T. 0.00 min

Lab File: BM018408.D

Acq: 27 Dec 2018 22:16

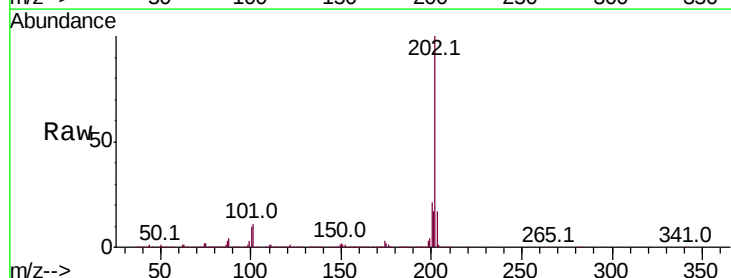
Tgt Ion:202 Resp: 4590369

Ion Ratio Lower Upper

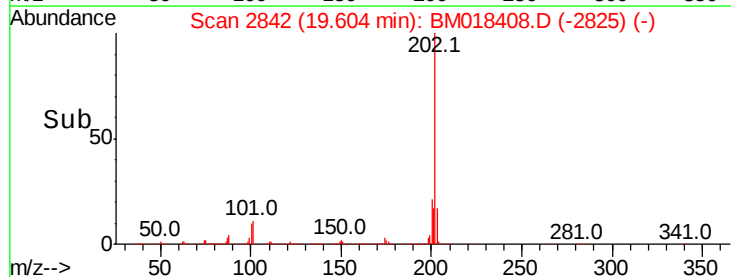
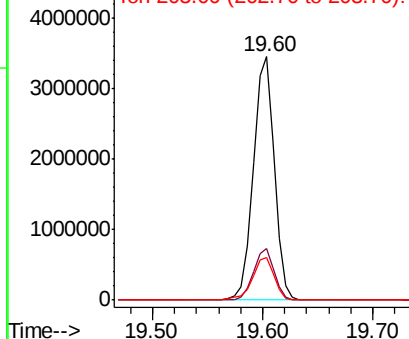
202 100

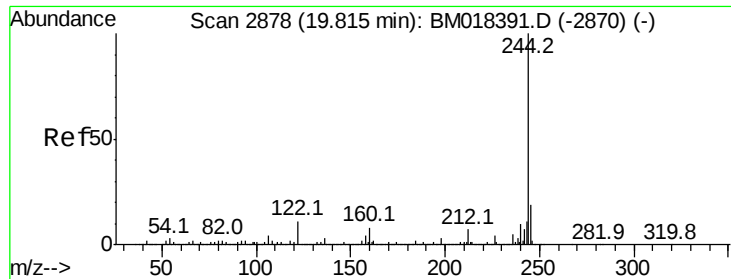
200 21.0 16.6 24.8

203 17.3 13.8 20.8



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





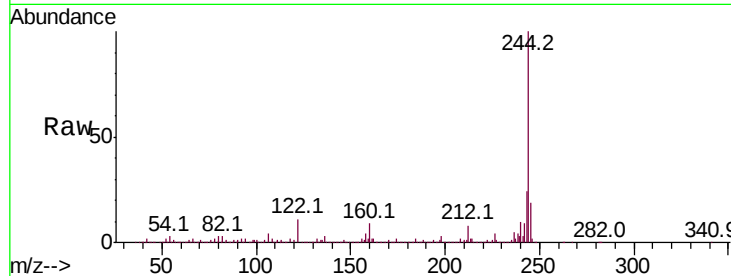
#79
Terphenyl-d14
Concen: 62.166 ng
RT: 19.81 min Scan# 2877
Delta R.T. -0.01 min
Lab File: BM018408.D
Acq: 27 Dec 2018 22:16

Instrument :
BNA_M
ClientSampleId :
PB116033BS

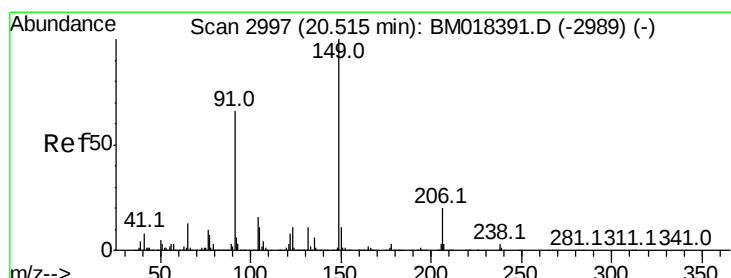
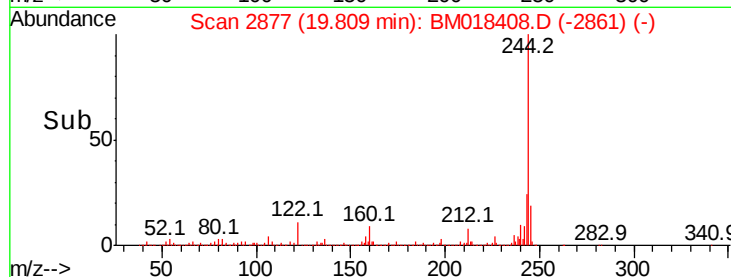
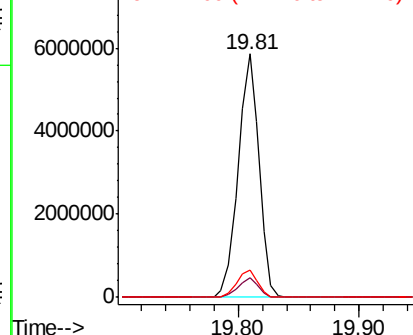
Tot Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.9	8.9
122	11.0	9.0	13.4

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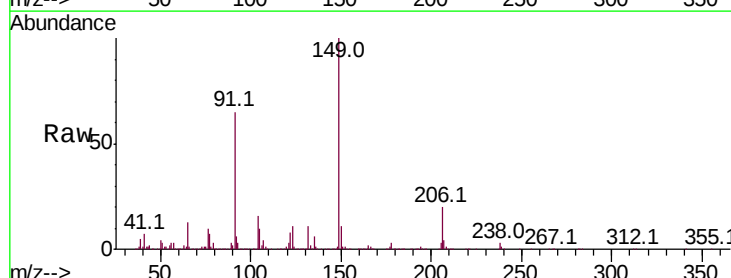


Abundance Ion 244.00 (243.70 to 244.70): E
8000000
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

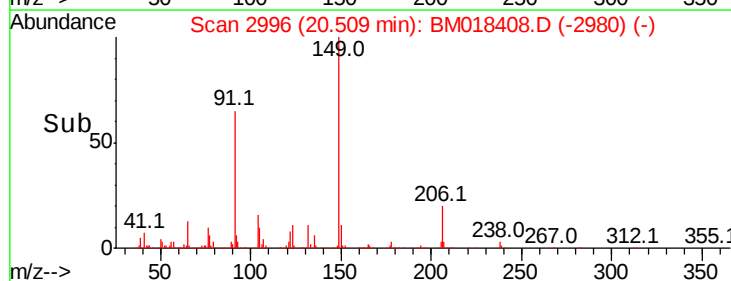
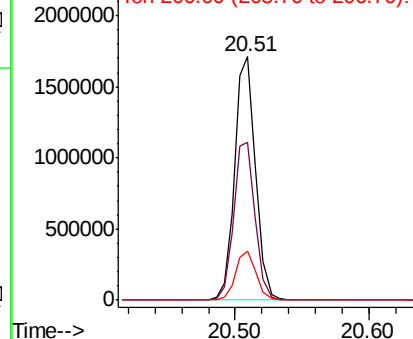


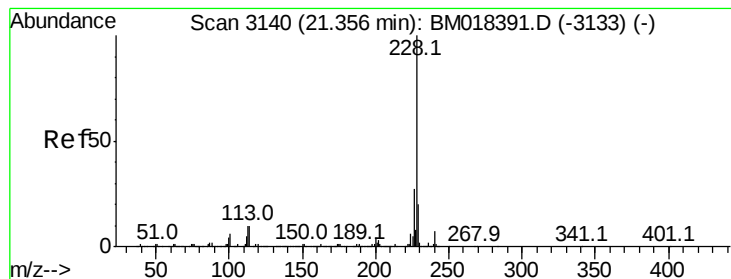
#80
Butylbenzylphthalate
Concen: 32.128 ng
RT: 20.51 min Scan# 2996
Delta R.T. -0.01 min
Lab File: BM018408.D
Acq: 27 Dec 2018 22:16

Tgt Ion	Ratio	Lower	Upper
149	100		
91	65.1	53.1	79.7
206	20.0	16.2	24.4



Abundance Ion 149.00 (148.70 to 149.70): E
2000000
Ion 91.00 (90.70 to 91.70): BM0
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 33.432 ng

RT: 21.35 min Scan# 3139

Delta R.T. -0.01 min

Lab File: BM018408.D

Acq: 27 Dec 2018 22:16

Instrument :

BNA_M

ClientSampleId :

PB116033BS

Tot Ion:228 Resp: 4724445

Ion Ratio Lower Upper

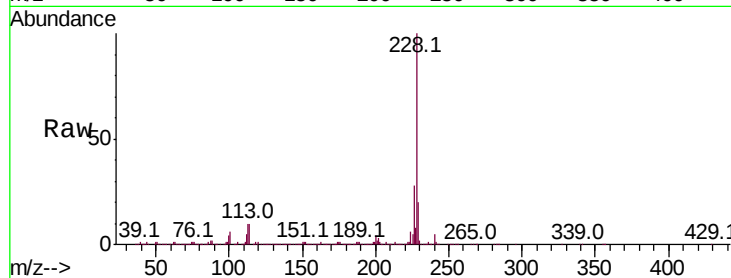
228 100

226 27.7 21.8 32.6

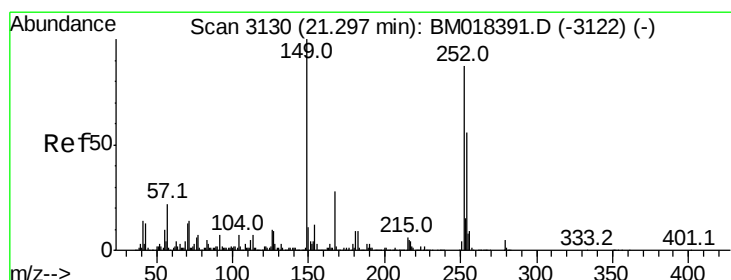
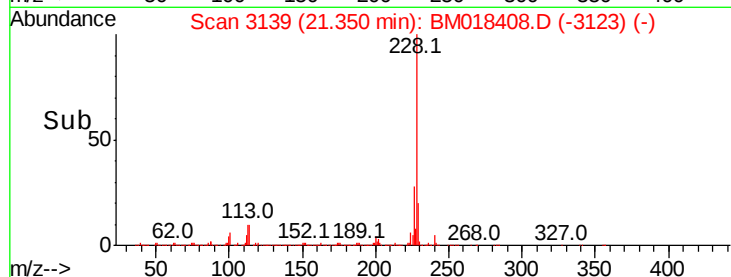
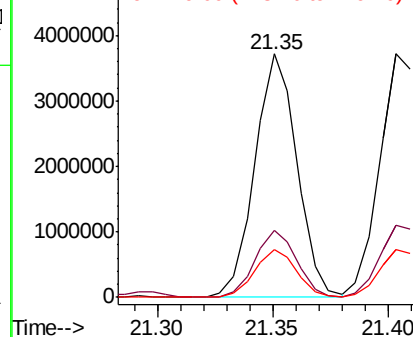
229 19.9 15.8 23.8

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Abundance Ion 228.00 (227.70 to 228.70): E
5000000
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 98.847 ng

RT: 21.29 min Scan# 3129

Delta R.T. -0.01 min

Lab File: BM018408.D

Acq: 27 Dec 2018 22:16

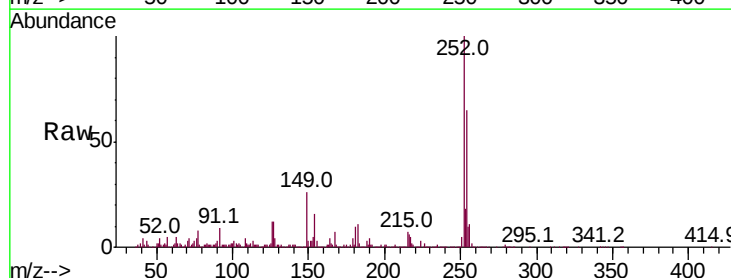
Tgt Ion:252 Resp: 5366587

Ion Ratio Lower Upper

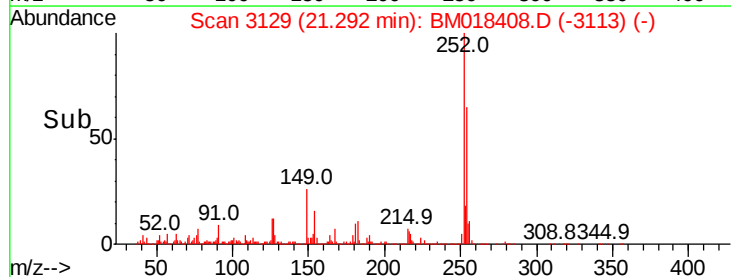
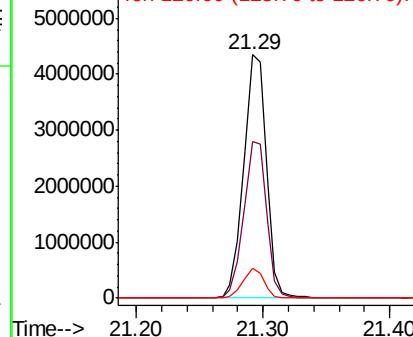
252 100

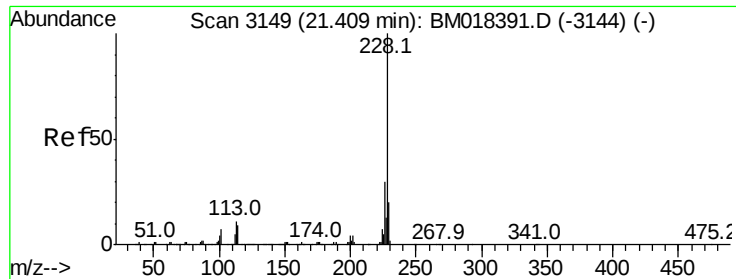
254 64.5 51.4 77.0

126 12.3 8.7 13.1



Abundance Ion 252.00 (251.70 to 252.70): E
6000000
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





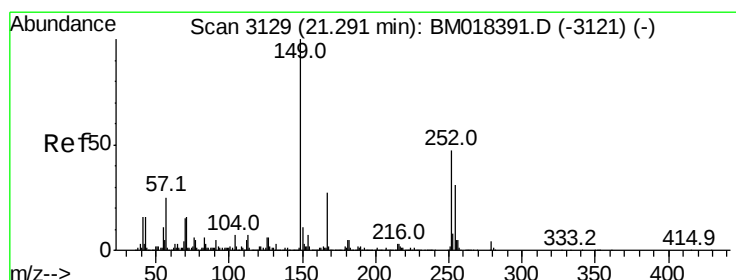
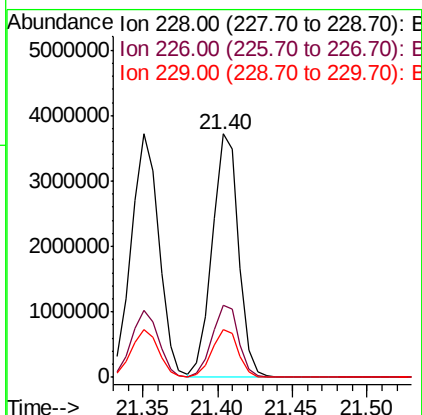
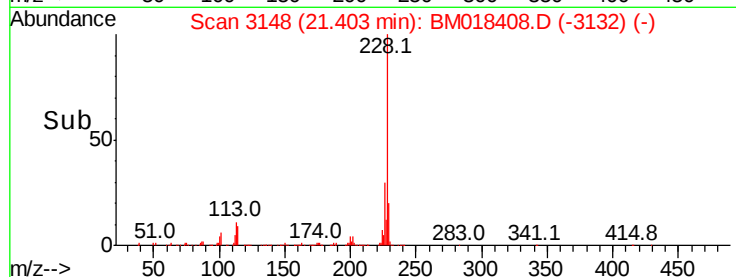
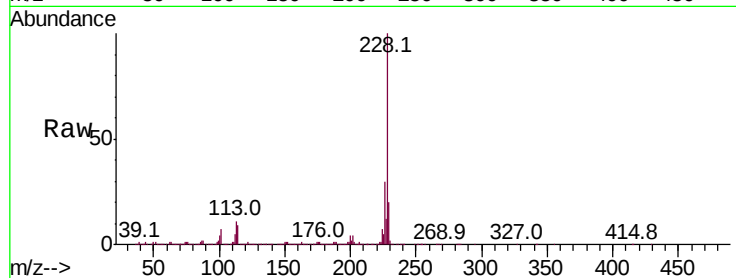
#83
Chrvsene
Concen: 33.576 ng
RT: 21.40 min Scan# 3148
Delta R.T. -0.01 min
Lab File: BM018408.D
Acq: 27 Dec 2018 22:16

Instrument :
BNA_M
ClientSampleId :
PB116033BS

Tot Ion:228 Resp: 4577638
Ion Ratio Lower Upper
228 100
226 29.8 24.2 36.2
229 19.6 15.6 23.4

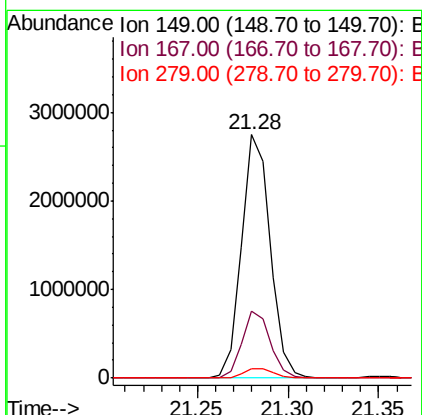
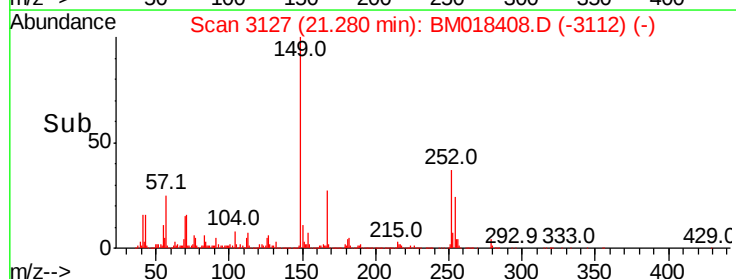
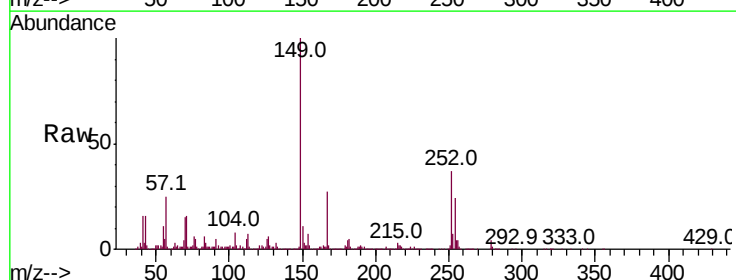
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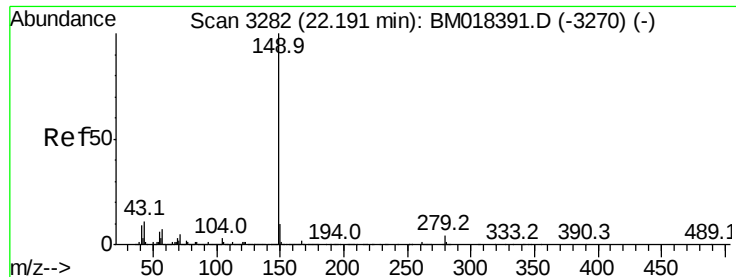
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#84
Bis(2-ethylhexyl)phthalate
Concen: 32.125 ng
RT: 21.28 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BM018408.D
Acq: 27 Dec 2018 22:16

Tgt Ion:149 Resp: 3024475
Ion Ratio Lower Upper
149 100
167 27.3 21.6 32.4
279 3.8 3.3 4.9





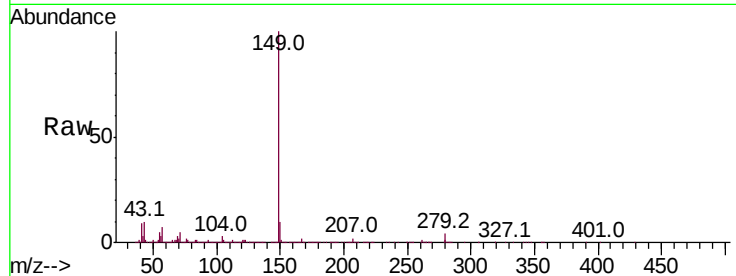
#85
Di-n-octyl phthalate
Concen: 32.980 ng
RT: 22.18 min Scan# 3280
Delta R.T. -0.01 min
Lab File: BM018408.D
Acq: 27 Dec 2018 22:16

Instrument :
BNA_M
ClientSampleId :
PB116033BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	10.3	8.6	12.8

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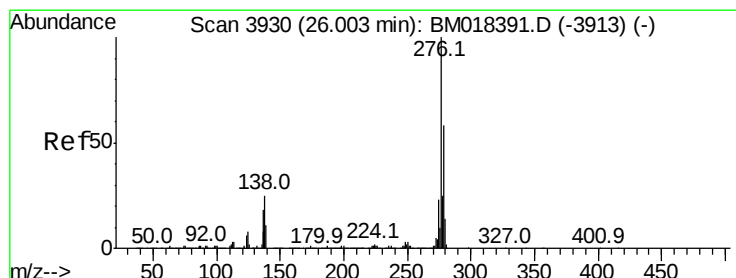
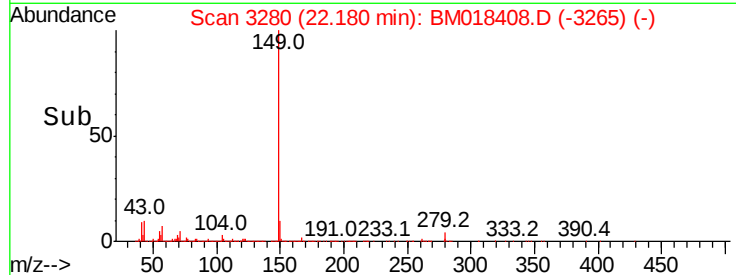
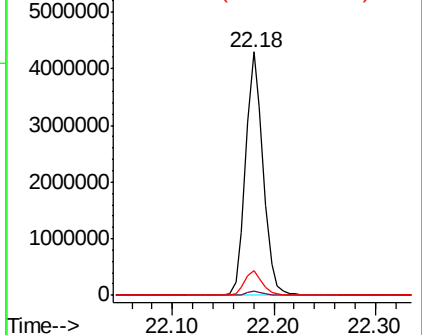


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86
Indeno(1,2,3-cd)pyrene
Concen: 34.587 ng
RT: 26.00 min Scan# 3929
Delta R.T. -0.01 min
Lab File: BM018408.D
Acq: 27 Dec 2018 22:16

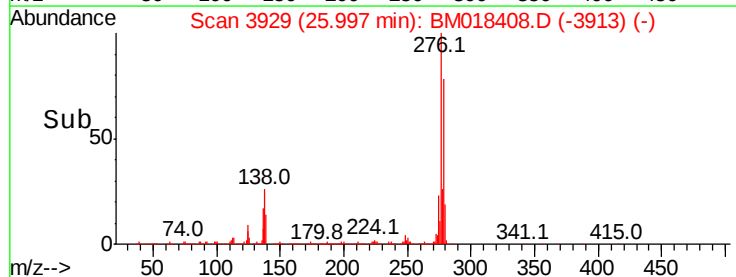
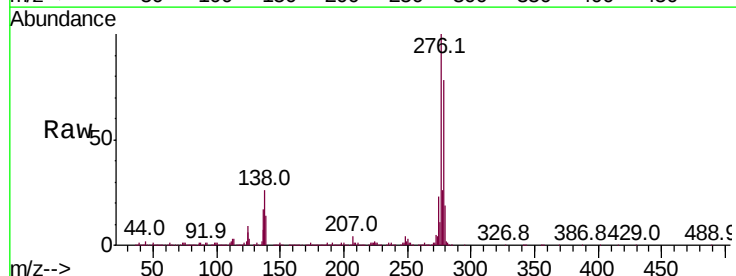
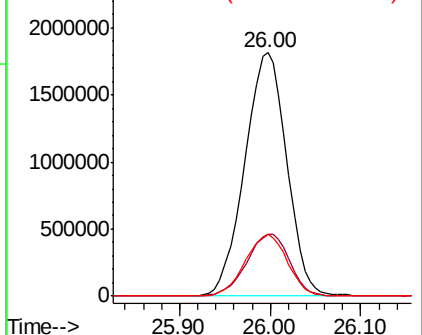
Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.1	21.5	32.3
277	25.3	20.2	30.2

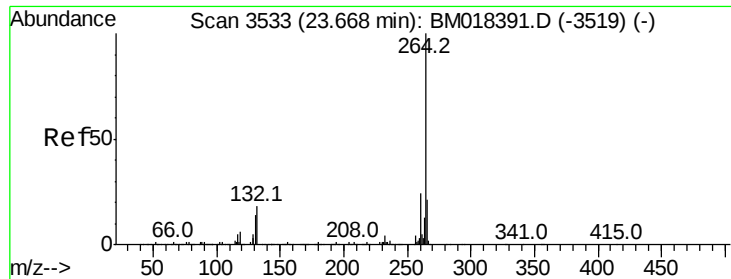
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.66 min Scan# 3531

Delta R.T. -0.01 min

Lab File: BM018408.D

Acq: 27 Dec 2018 22:16

Instrument :

BNA_M

ClientSampled :

PB116033BS

Tot Ion:264 Resp: 2624173

Ion Ratio Lower Upper

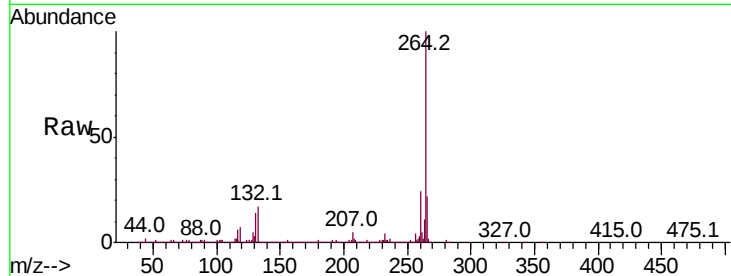
264 100

260 23.6 18.9 28.3

265 21.6 16.8 25.2

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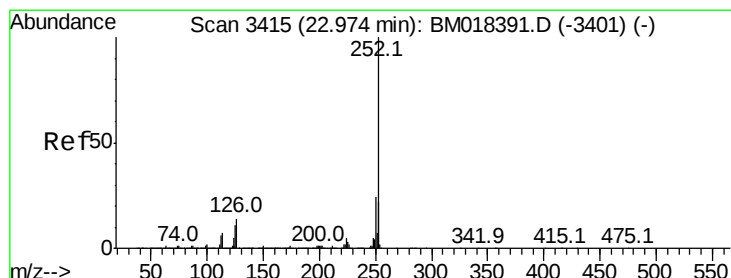
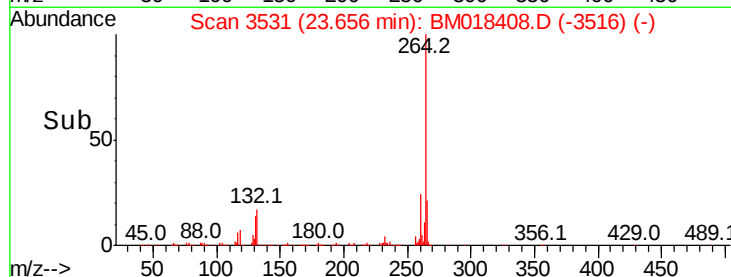
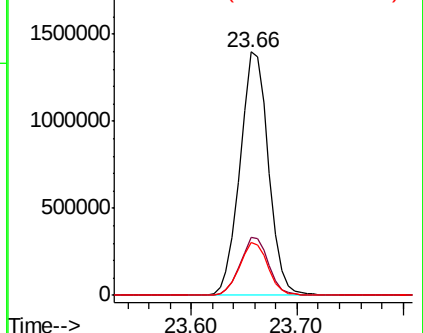
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Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 35.037 ng

RT: 22.97 min Scan# 3414

Delta R.T. -0.01 min

Lab File: BM018408.D

Acq: 27 Dec 2018 22:16

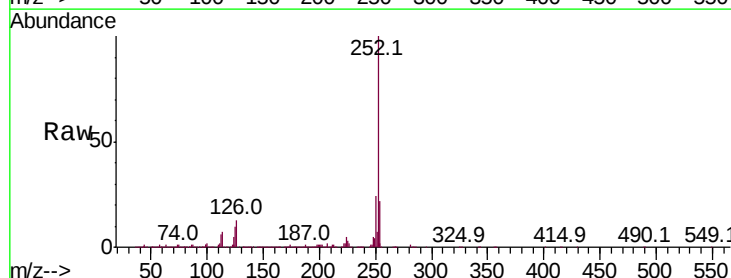
Tgt Ion:252 Resp: 5128278

Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

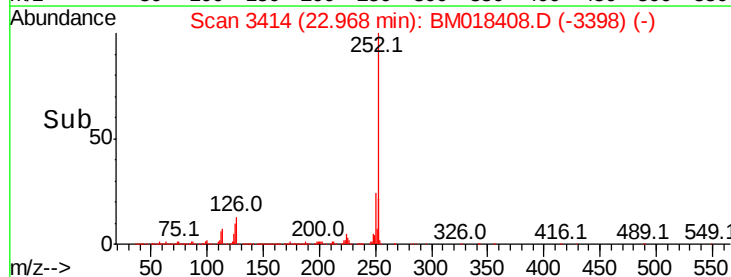
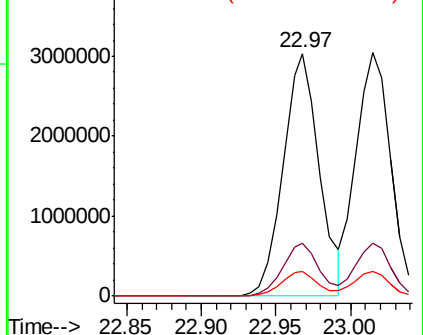
125 10.1 8.5 12.7

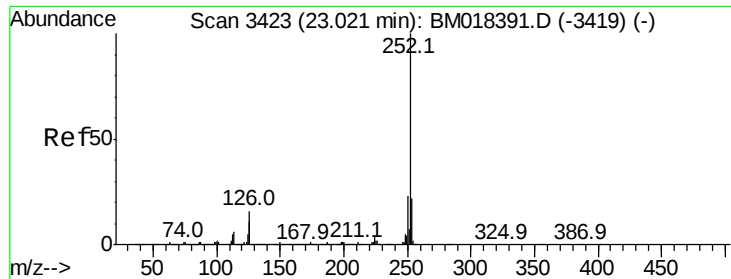


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 33.253 ng

RT: 23.02 min Scan# 3422

Delta R.T. -0.01 min

Lab File: BM018408.D

Acq: 27 Dec 2018 22:16

Instrument :

BNA_M

ClientSampleId :

PB116033BS

Tot Ion:252 Resp: 4868028

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

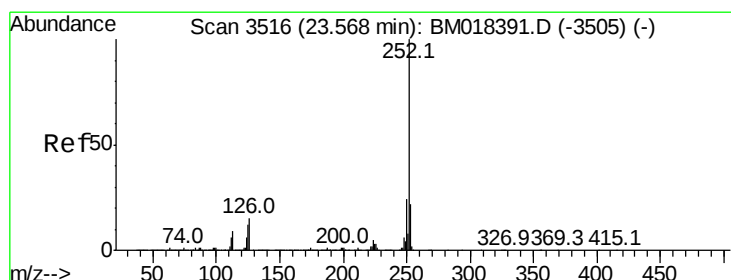
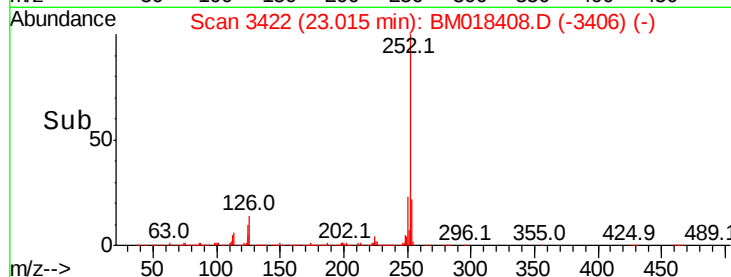
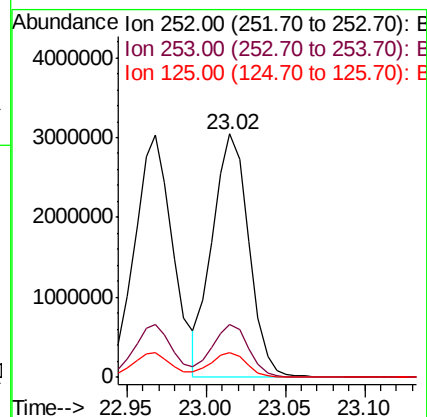
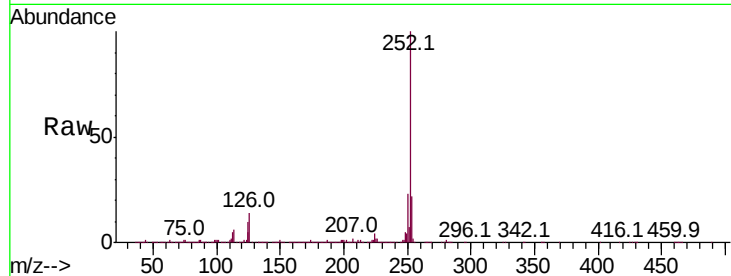
125 10.1 8.6 12.8

Manual Integrations

APPROVED

Sohil

12/28/2018 12:30:31 PM



#90

Benzo(a)pyrene

Concen: 33.055 ng

RT: 23.56 min Scan# 3515

Delta R.T. -0.01 min

Lab File: BM018408.D

Acq: 27 Dec 2018 22:16

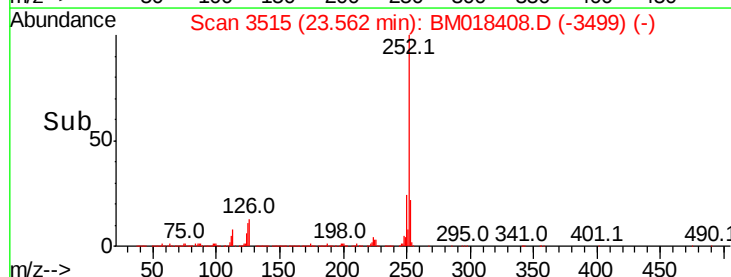
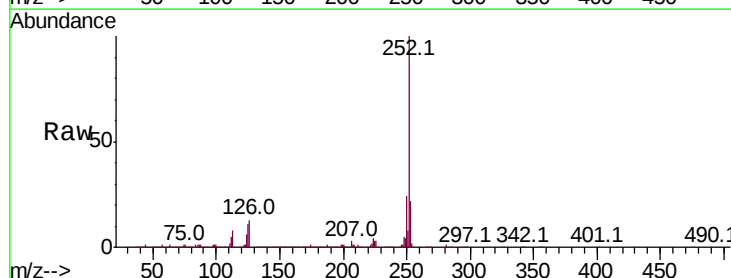
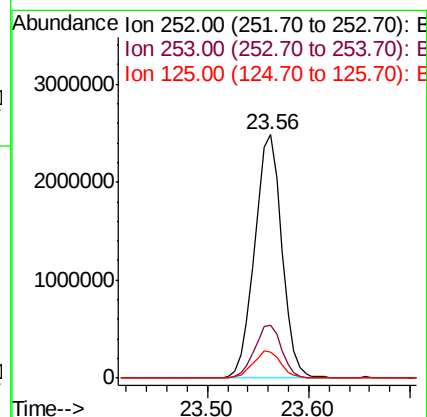
Tgt Ion:252 Resp: 4647722

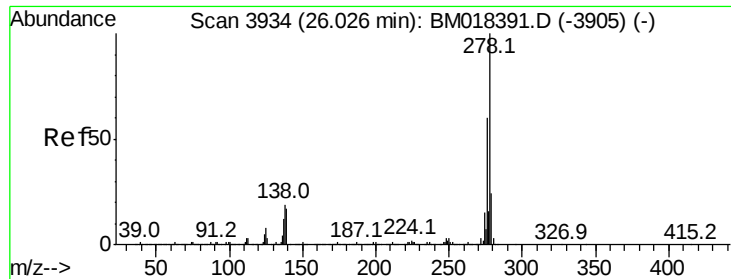
Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 10.7 9.7 14.5





#91

Dibenzo(a,h)anthracene

Concen: 34.594 ng

RT: 26.01 min Scan# 3932

Delta R.T. -0.01 min

Lab File: BM018408.D

Acq: 27 Dec 2018 22:16

Instrument :

BNA_M

ClientSampleId :

PB116033BS

Tot Ion:278 Resp: 5065415

Ion Ratio Lower Upper

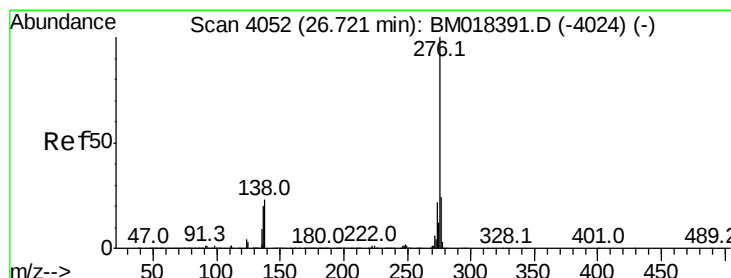
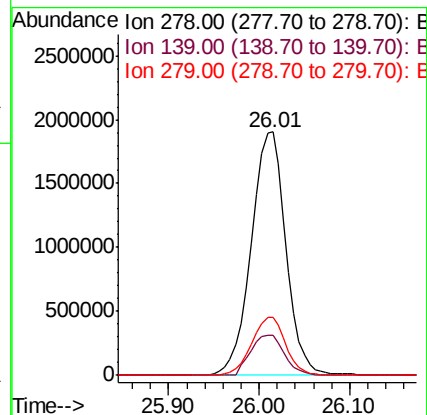
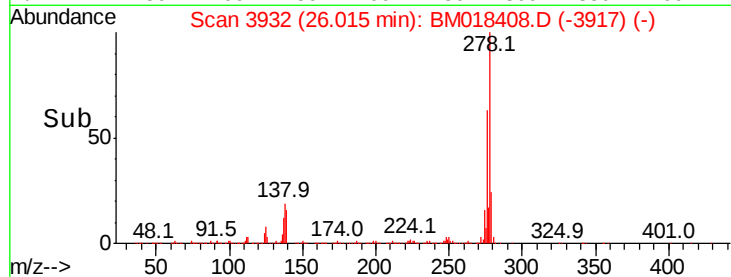
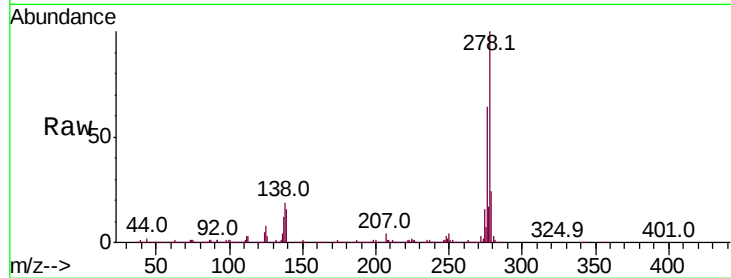
278 100

139 16.4 13.2 19.8

279 23.9 19.0 28.4

Manual Integrations
APPROVED

Sohil
12/28/2018 12:30:31 PM



#92

Benzo(g,h,i)perylene

Concen: 32.538 ng

RT: 26.71 min Scan# 4050

Delta R.T. -0.01 min

Lab File: BM018408.D

Acq: 27 Dec 2018 22:16

Tgt Ion:276 Resp: 4561939

Ion Ratio Lower Upper

276 100

277 24.1 19.0 28.4

138 22.3 18.1 27.1

