

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110118\
 Data File : BM017458.D
 Acq On : 01 Nov 2018 10:29
 Operator : MJ/SJ
 Sample : J5704-12
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A40D7

Manual Integrations
 APPROVED

Sohil
 11/2/2018 4:12:00 PM

Quant Time: Nov 02 11:08:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 02 01:56:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	211858	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	1023161	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	647479	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	1591125	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	1871033	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	1825047	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	19642	4.27	ng/uL	0.00
5) Phenol-d5	6.82	99	567031	29.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	319196	28.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	447368	29.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	460452	30.09	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	238790	29.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.51	143	265724	29.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	513892	30.85	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	677320	49.81	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	1752944	31.57	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	2135708	31.68	ng/ul	0.00
52) 4-Nitrophenol-d4	14.51	143	297269m	28.66	ng/ul	0.00
58) Fluorene-d10	15.29	176	1529933	31.73	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	315463	28.46	ng/ul	0.00
71) Anthracene-d10	17.14	188	2503382	31.78	ng/ul	0.00
79) Pyrene-d10	19.44	212	2893906	33.39	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.30	264	3256853	33.79	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.25	88	39929	8.605	ng/uL 99
12) 2,2'-oxybis(1-Chloropropan	8.17	45	347082	17.891	ng/ul 95
20) Nitrobenzene	8.83	77	386880	20.471	ng/ul 98
23) 2-Nitrophenol	9.54	139	249886	26.450	ng/ul 96
25) Bis(2-Chloroethoxy)methane	9.84	93	353587	16.243	ng/ul 100
27) 2,4-Dichlorophenol	10.07	162	317170	19.876	ng/ul 98
28) Naphthalene	10.46	128	608764	11.373	ng/ul 99
33) 4-Chloro-3-methylphenol	11.71	107	1201437	68.464	ng/ul 97
34) 2-Methylnaphthalene	12.08	142	1151560	29.278	ng/ul 100
38) Hexachlorocyclopentadiene	12.43	237	347428	25.037	ng/ul 100
39) 2,4,6-Trichlorophenol	12.70	196	283058	20.502	ng/ul 98
42) 2-Chloronaphthalene	13.15	162	878409	20.988	ng/ul 99
46) 2,6-Dinitrotoluene	13.87	165	136165	12.611	ng/ul 98
48) Acenaphthylene	14.00	152	1132572	17.900	ng/ul 100
50) Acenaphthene	14.35	153	629620	13.898	ng/ul 99
55) 2,4-Dinitrotoluene	14.67	165	506572	31.450	ng/ul 96
56) 2,3,4,6-Tetrachlorophenol	14.92	232	529209	38.481	ng/ul 99
59) Fluorene	15.34	166	697822	13.190	ng/ul 99
60) 4-Chlorophenyl-phenylether	15.34	204	587685	21.710	ng/ul 99
64) 4,6-Dinitro-2-methylphenol	15.43	198	960449	84.837	ng/ul# 94
66) 4-Bromophenyl-phenylether	16.23	248	482841	27.023	ng/ul 97
67) Hexachlorobenzene	16.34	284	539888	26.783	ng/ul 97
70) Phenanthrene	17.08	178	1241428	13.587	ng/ul 99

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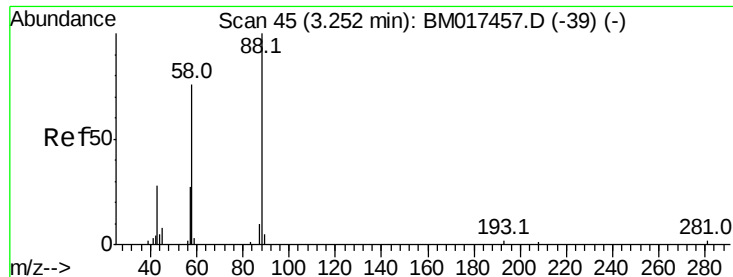
Manual Integrations
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Quant Time: Nov 02 11:08:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 02 01:56:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
72) Anthracene	17.17	178	1539400	16.588	ng/ul	99
77) Fluoranthene	19.10	202	3718111	35.501	ng/ul	99
80) Pyrene	19.47	202	1546945	14.238	ng/ul	99
83) Benzo(a)anthracene	21.22	228	1560072	13.625	ng/ul	100
85) Chrysene	21.27	228	1468660	13.489	ng/ul	99
88) Benzo(b)fluoranthene	22.79	252	4909402	45.955	ng/ul	99
89) Benzo(k)fluoranthene	22.83	252	1394869	13.367	ng/ul	99
91) Benzo(a)pyrene	23.34	252	1200711	11.505	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.64	276	1580712	12.448	ng/ul	97
93) Dibenzo(a,h)anthracene	25.65	278	1571669	14.822	ng/ul	98
94) Benzo(a,h,i)perylene	26.31	276	1359645	12.604	ng/ul	99

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



#2

1,4-Dioxane

Concen: 8.605 ng/uL

RT: 3.25 min Scan# 45

Delta R.T. 0.00 min

Lab File: BM017458.D

Acq: 01 Nov 2018 10:29

Instrument :

BNA_M

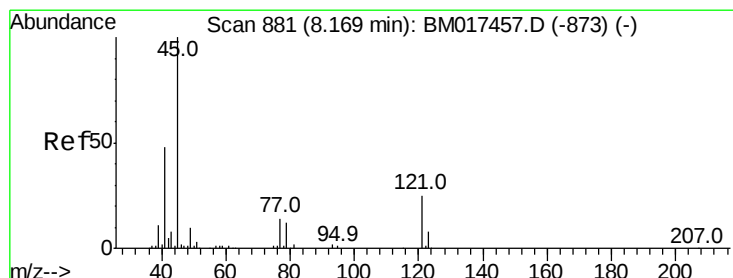
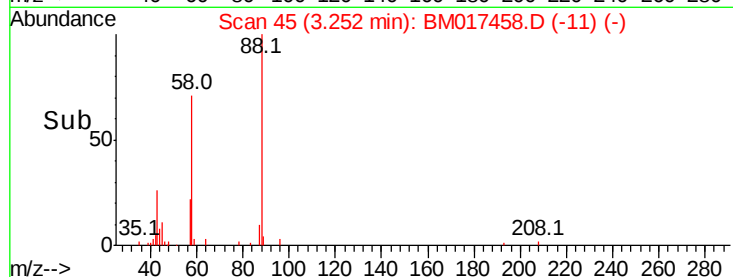
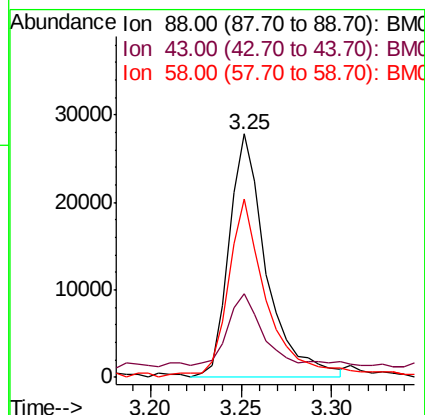
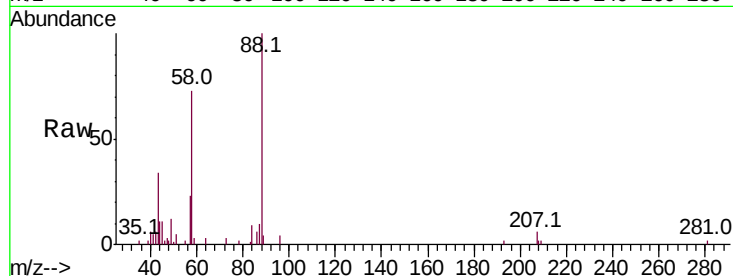
ClientSampleId :

A40D7

Tot Ion:	88	Resp:	39929
Ion Ratio	Lower	Upper	
88	100		
43	34.1	25.9	38.9
58	73.0	58.6	87.8

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#12

2,2'-oxybis(1-Chloropropane)

Concen: 17.891 ng/uL

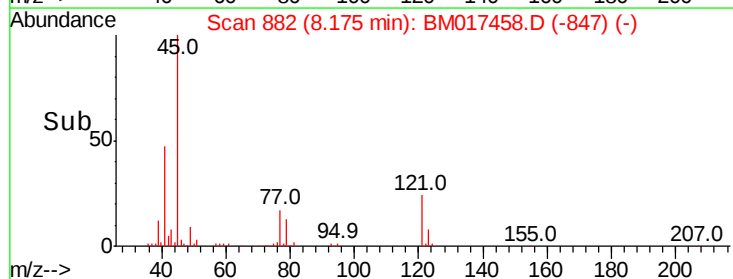
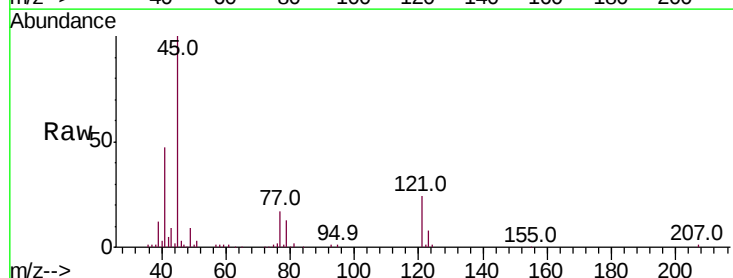
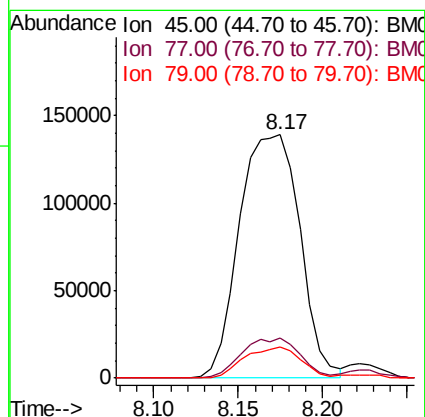
RT: 8.17 min Scan# 882

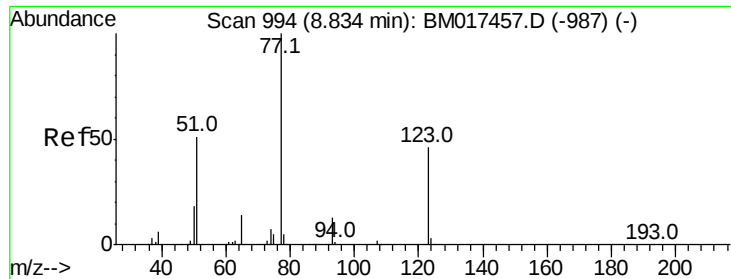
Delta R.T. 0.01 min

Lab File: BM017458.D

Acq: 01 Nov 2018 10:29

Tgt Ion:	45	Resp:	347082
Ion Ratio	Lower	Upper	
45	100		
77	16.5	11.7	17.5
79	12.6	8.6	12.8





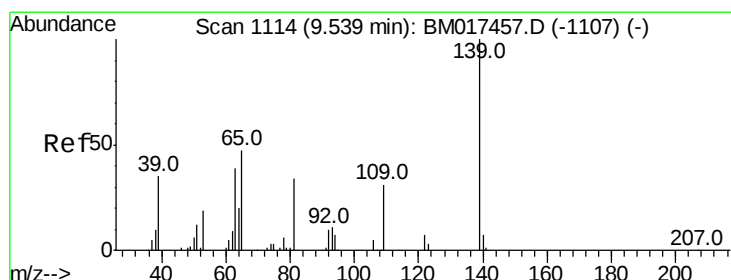
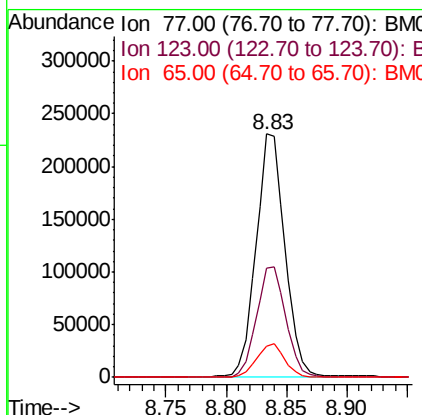
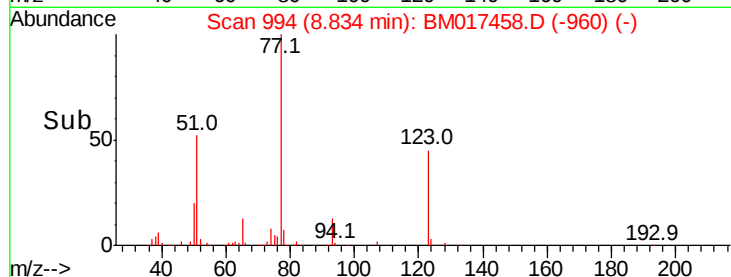
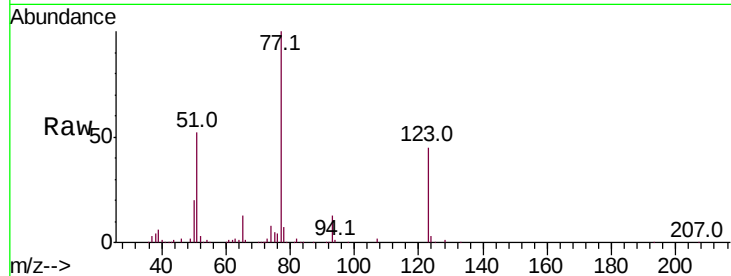
#20
Nitrobenzene
Concen: 20.471 ng/ul
RT: 8.83 min Scan# 994
Delta R.T. 0.00 min
Lab File: BM017458.D
Acq: 01 Nov 2018 10:29

Instrument :
BNA_M
ClientSampleId :
A40D7

Tot Ion	Ratio	Resp	Lower	Upper
77	100			
123	45.0	37.0	55.6	
65	12.7	10.7	16.1	

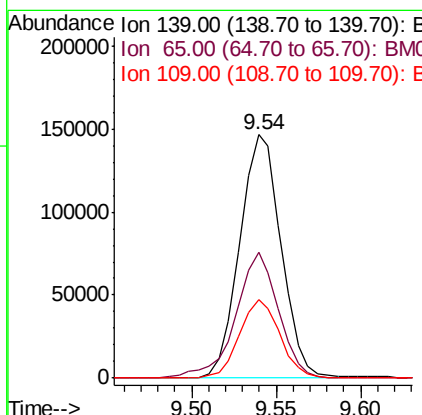
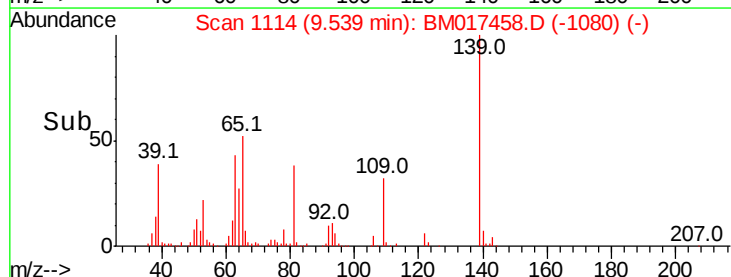
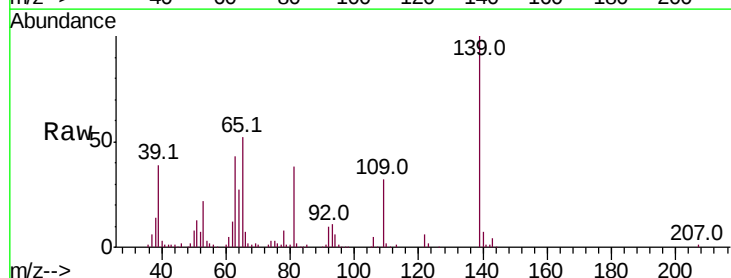
Manual Integrations
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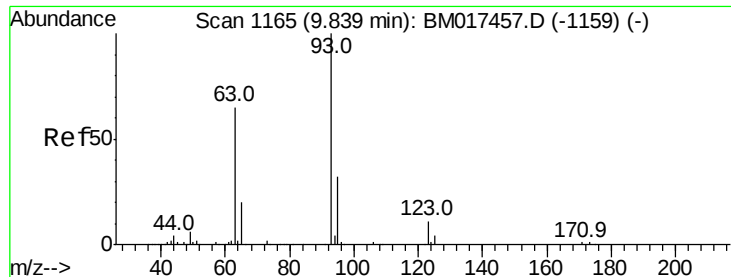
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#23
2-Nitrophenol
Concen: 26.450 ng/ul
RT: 9.54 min Scan# 1114
Delta R.T. 0.00 min
Lab File: BM017458.D
Acq: 01 Nov 2018 10:29

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
65	51.7	38.6	57.8	
109	32.2	25.0	37.6	





#25

Bis(2-Chloroethoxy)methane

Concen: 16.243 ng/ul

RT: 9.84 min Scan# 1165

Delta R.T. 0.00 min

Lab File: BM017458.D

Acq: 01 Nov 2018 10:29

Instrument :

BNA_M

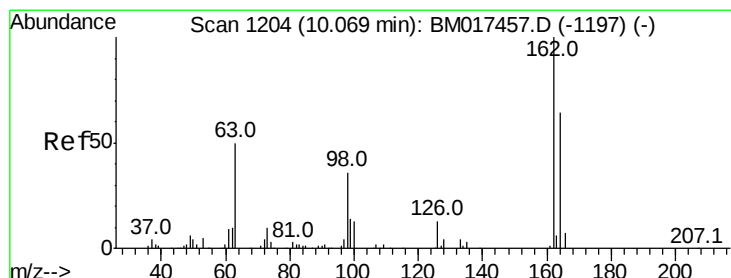
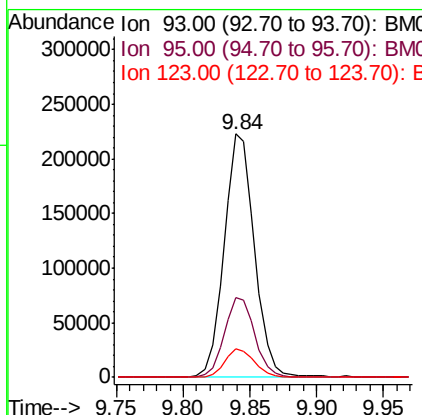
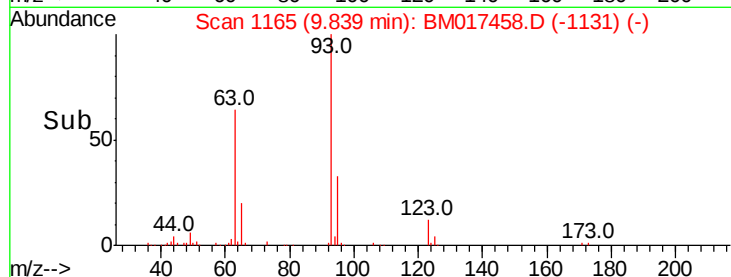
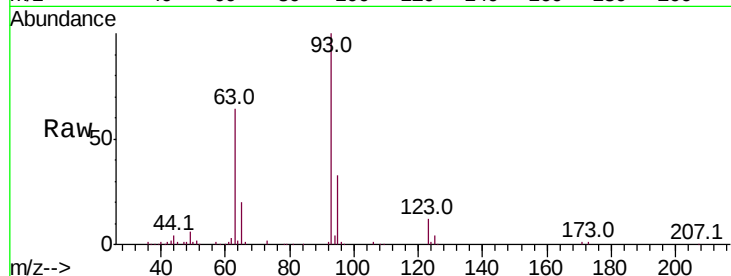
ClientSampleId :

A40D7

Tot Ion:	93	Resp:	353587
Ion Ratio	Lower	Upper	
93	100		
95	32.7	26.1	39.1
123	11.6	9.1	13.7

Manual Integrations
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#27

2,4-Dichlorophenol

Concen: 19.876 ng/ul

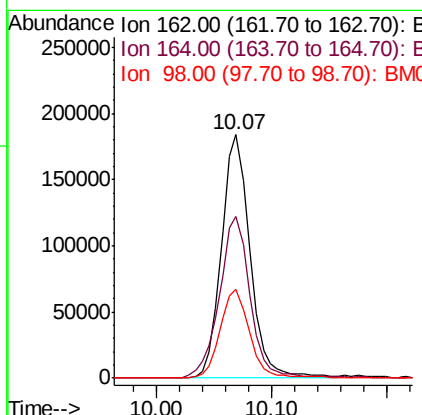
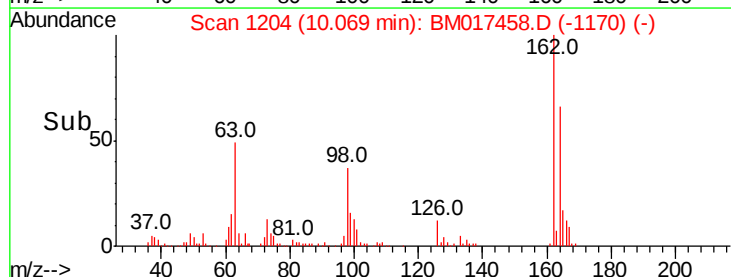
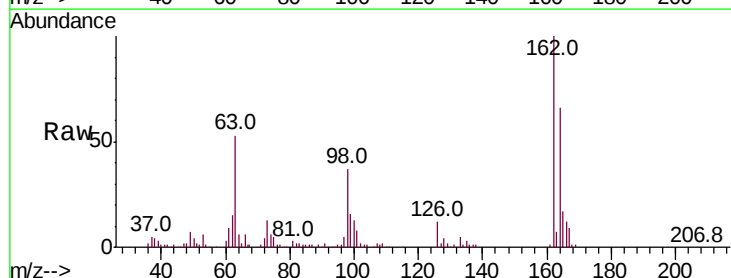
RT: 10.07 min Scan# 1204

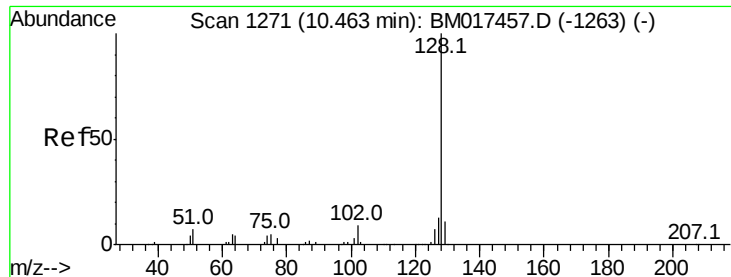
Delta R.T. 0.00 min

Lab File: BM017458.D

Acq: 01 Nov 2018 10:29

Tgt Ion:	162	Resp:	317170
Ion Ratio	Lower	Upper	
162	100		
164	66.3	51.4	77.0
98	36.5	29.4	44.0





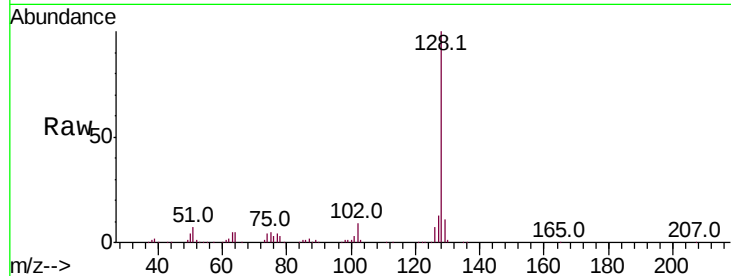
#28
Naphthalene
Concen: 11.373 ng/ul
RT: 10.46 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BM017458.D
Acq: 01 Nov 2018 10:29

Instrument :
BNA_M
ClientSampled :
A40D7

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.6	12.8
127	13.4	10.3	15.5

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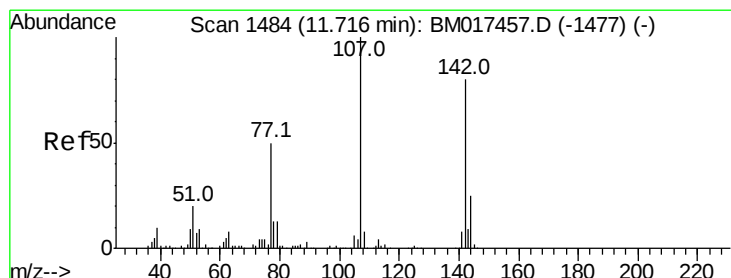
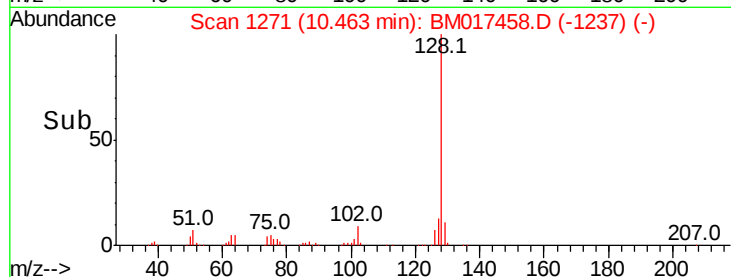
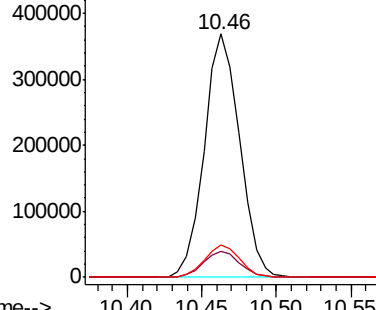


Abundance

Ion 128.00 (127.70 to 128.70): E

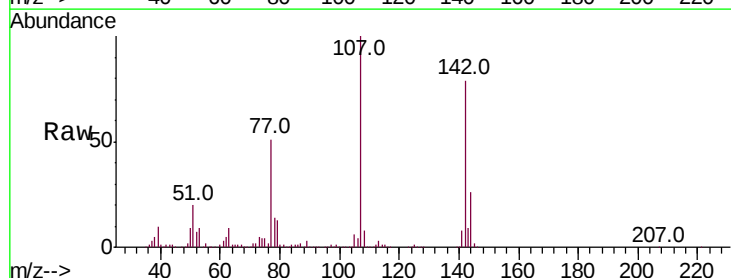
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#33
4-Chloro-3-methylphenol
Concen: 68.464 ng/ul
RT: 11.71 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BM017458.D
Acq: 01 Nov 2018 10:29

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.6	21.8	32.6
142	78.6	65.0	97.4

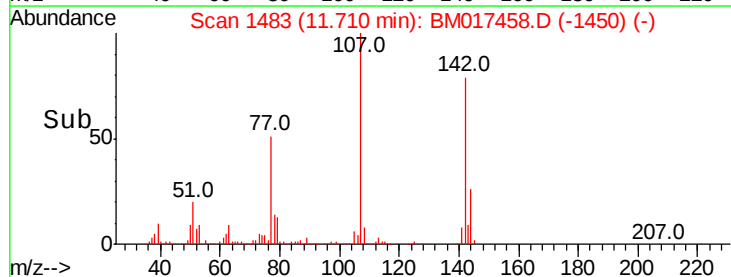
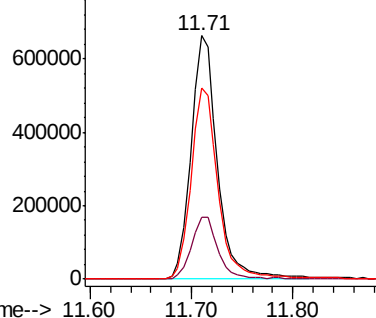


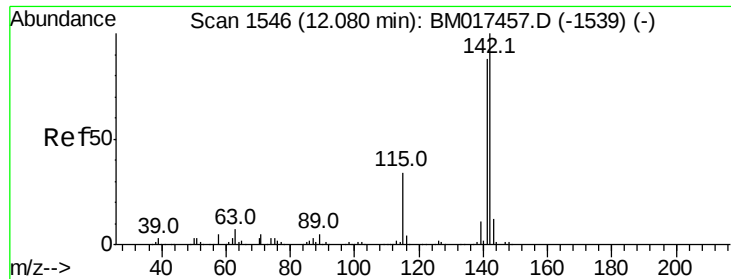
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





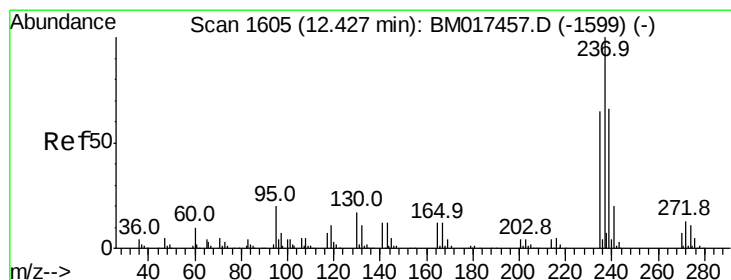
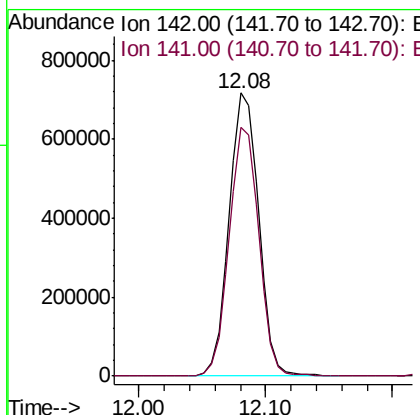
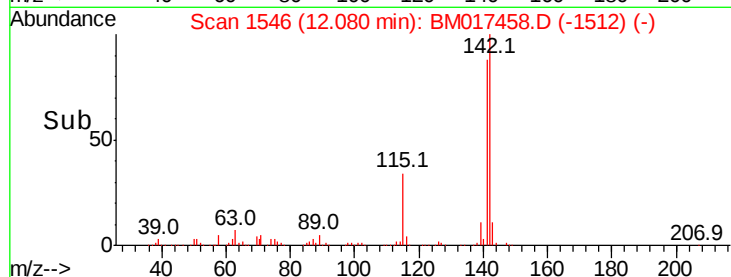
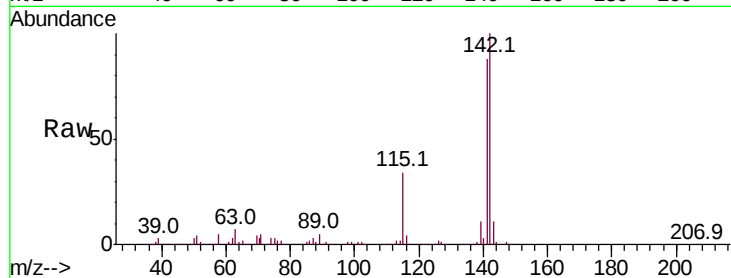
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2-Methylnaphthalene
Concen: 29.278 ng/ul
RT: 12.08 min Scan# 1546
Delta R.T. 0.00 min
Lab File: BM017458.D
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Tot Ion:142 Resp: 1151560
Ion Ratio Lower Upper
142 100
141 87.8 70.4 105.6

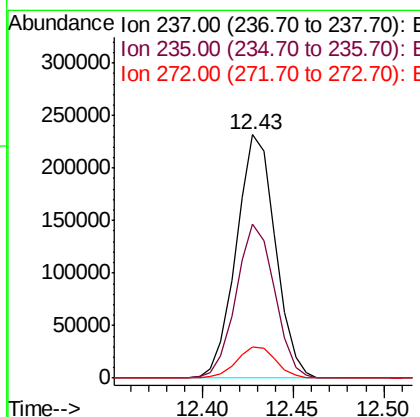
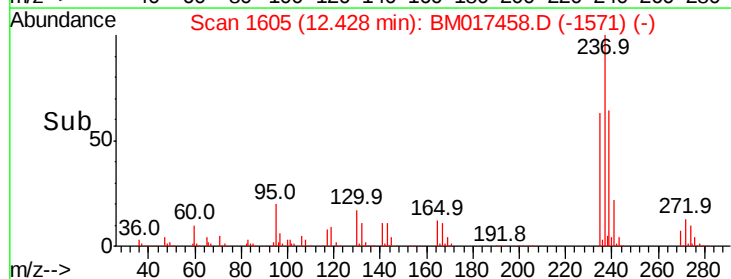
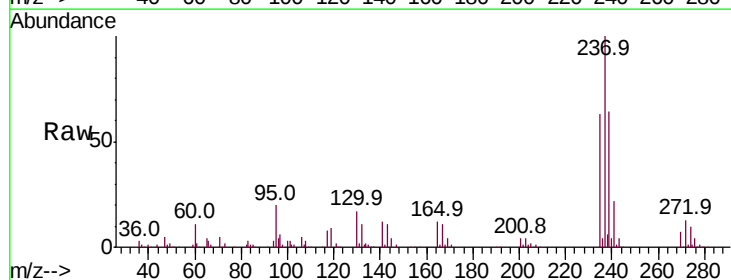
Manual Integrations
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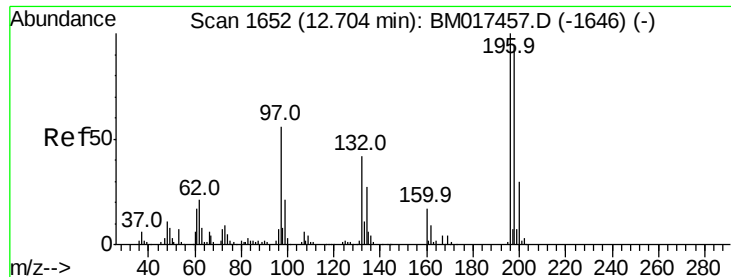
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#38
Hexachlorocyclopentadiene
Concen: 25.037 ng/ul
RT: 12.43 min Scan# 1605
Delta R.T. 0.00 min
Lab File: BM017458.D
Acq: 01 Nov 2018 10:29

Tgt Ion:237 Resp: 347428
Ion Ratio Lower Upper
237 100
235 63.1 50.2 75.4
272 12.8 10.5 15.7





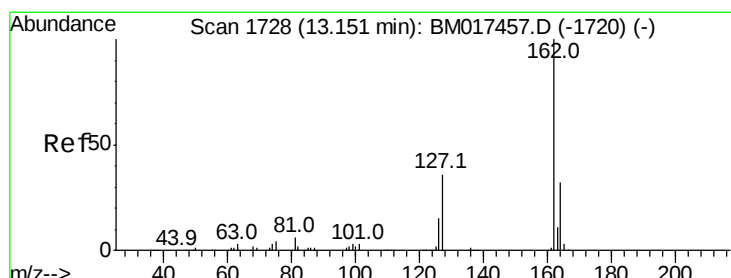
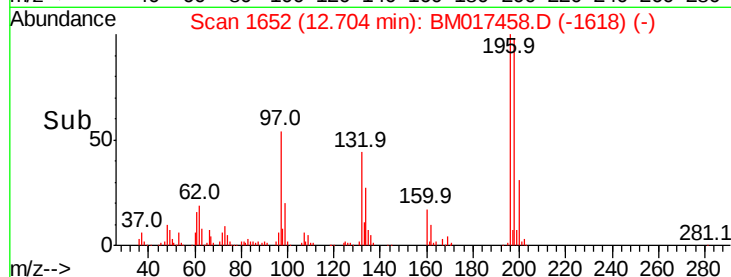
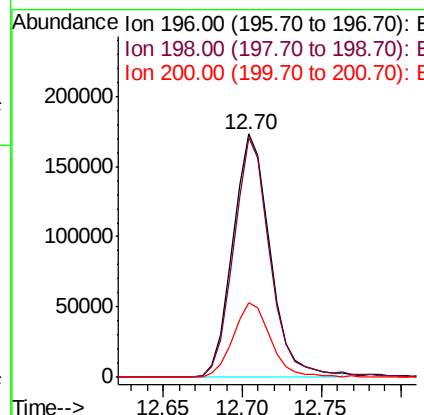
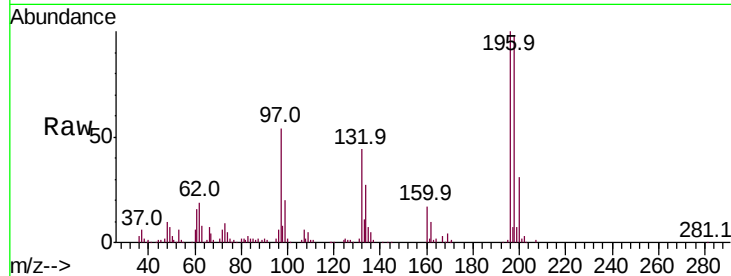
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 2,4,6-Trichlorophenol
 Concen: 20.502 ng/ul
 RT: 12.70 min Scan# 1652
 Delta R.T. 0.00 min
 Lab File: BM017458.D
 Acq: 01 Nov 2018 10:29

Instrument :
 BNA_M
 ClientSampled :
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Tot Ion	Ratio	Resp	Lower	Upper
196	100	283058		
198	98.3	77.0	115.4	
200	30.8	25.2	37.8	

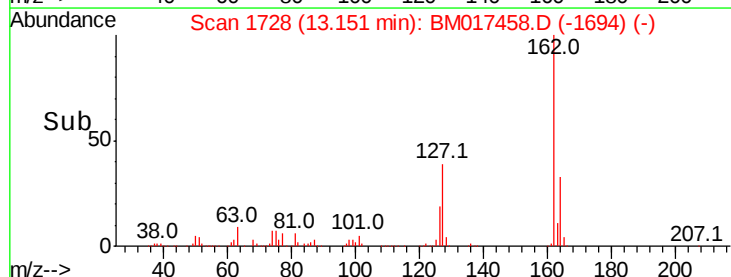
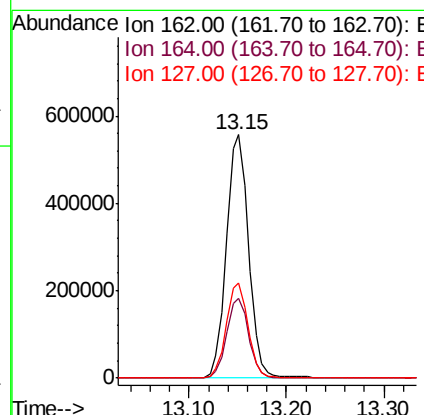
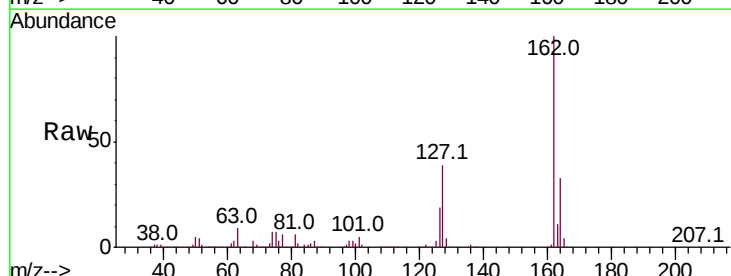
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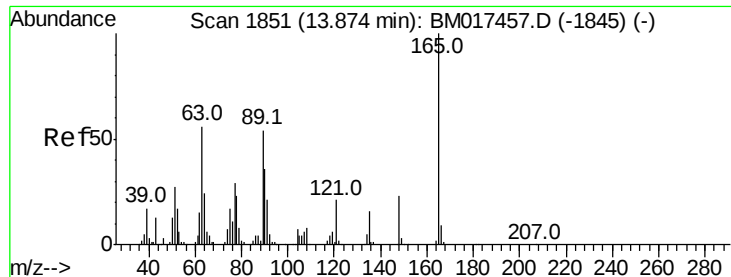
Sohil
 11/2/2018 4:12:00 PM



#42
 2-Chloronaphthalene
 Concen: 20.988 ng/ul
 RT: 13.15 min Scan# 1728
 Delta R.T. 0.00 min
 Lab File: BM017458.D
 Acq: 01 Nov 2018 10:29

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	878409		
164	32.7	26.2	39.4	
127	39.0	32.2	48.2	





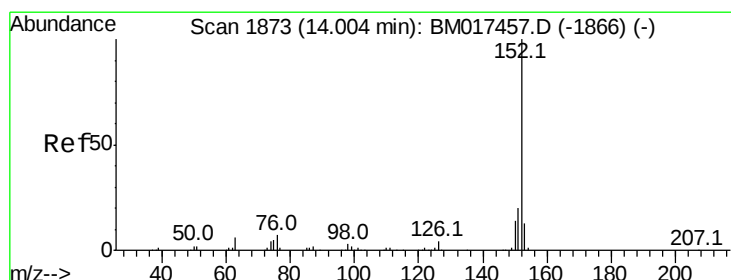
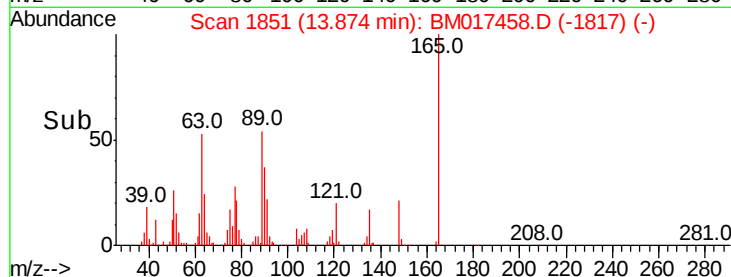
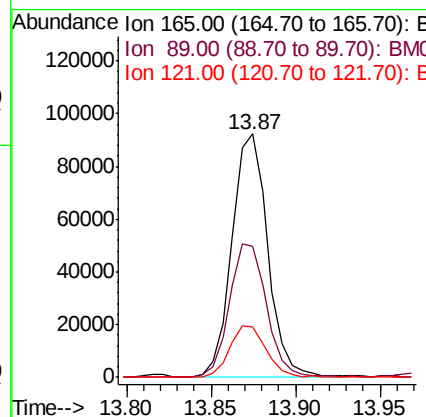
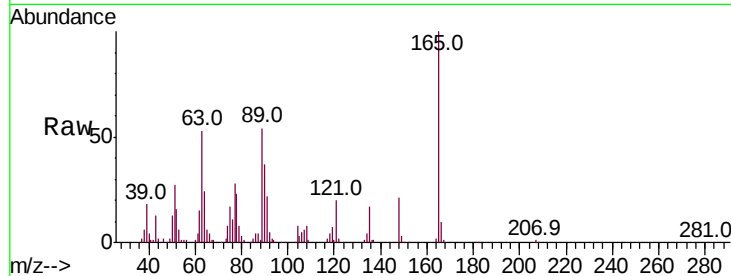
#46
 2,6-Dinitrotoluene
 Concen: 12.611 ng/ul
 RT: 13.87 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: BM017458.D
 Acq: 01 Nov 2018 10:29

Instrument :
 BNA_M
 ClientSampled :
 A40D7

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
89	53.8	44.0	66.0	
121	20.5	17.8	26.8	

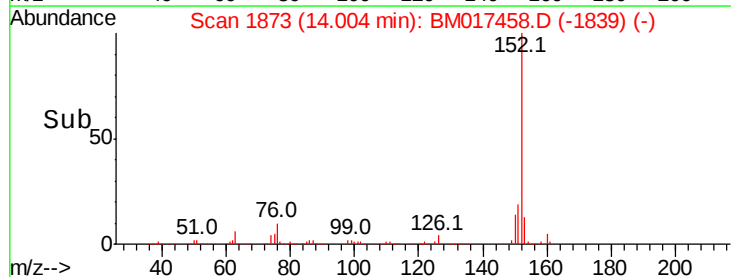
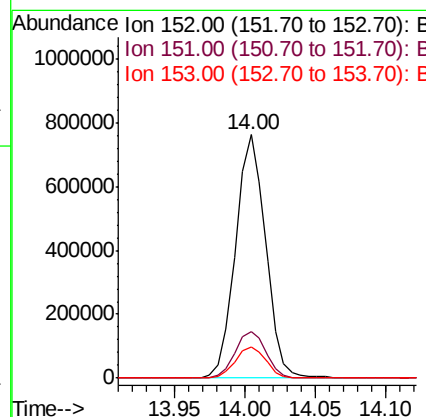
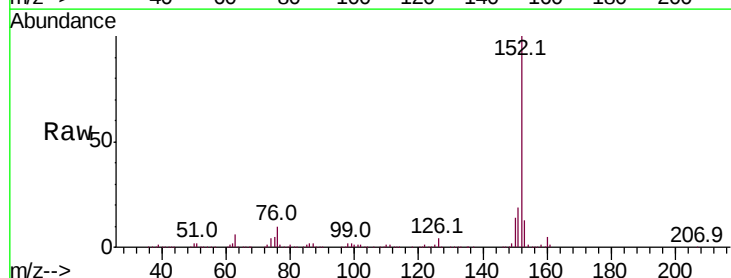
Manual Integrations
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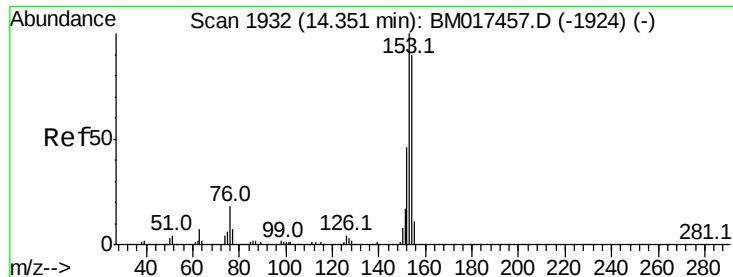
Sohil
 11/2/2018 4:12:00 PM



#48
 Acenaphthylene
 Concen: 17.900 ng/ul
 RT: 14.00 min Scan# 1873
 Delta R.T. 0.00 min
 Lab File: BM017458.D
 Acq: 01 Nov 2018 10:29

Tgt Ion	Ratio	Resp	Lower	Upper
152	100			
151	19.2	15.3	22.9	
153	12.5	10.2	15.4	





#50

Acenaphthene

Concen: 13.898 ng/ul

RT: 14.35 min Scan# 1931

Delta R.T. -0.01 min

Lab File: BM017458.D

Acq: 01 Nov 2018 10:29

Instrument :

BNA_M

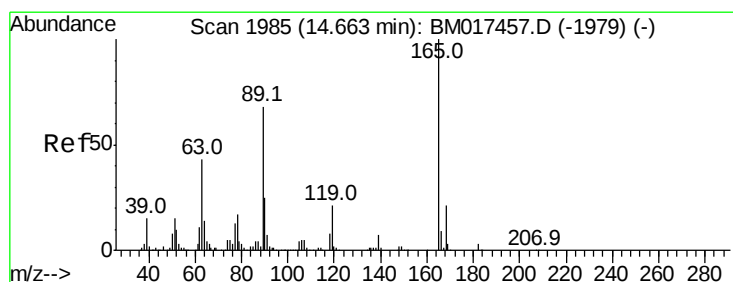
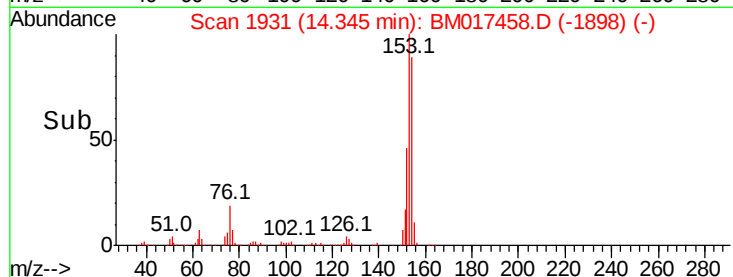
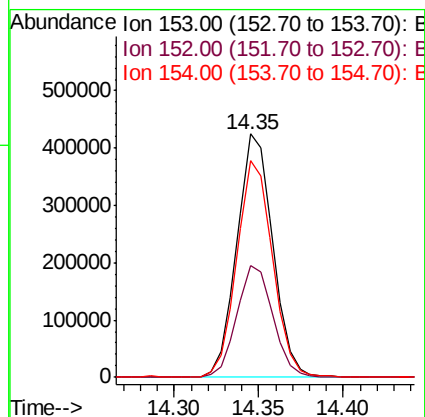
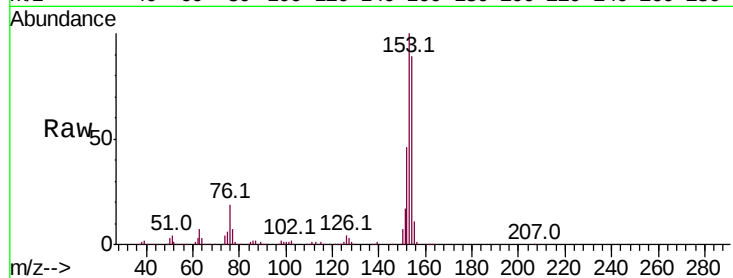
ClientSampled :

A40D7

Tot Ion:	153	Resp:	629620
Ion Ratio	Lower	Upper	
153	100		
152	45.8	36.9	55.3
154	88.8	72.2	108.4

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#55

2,4-Dinitrotoluene

Concen: 31.450 ng/ul

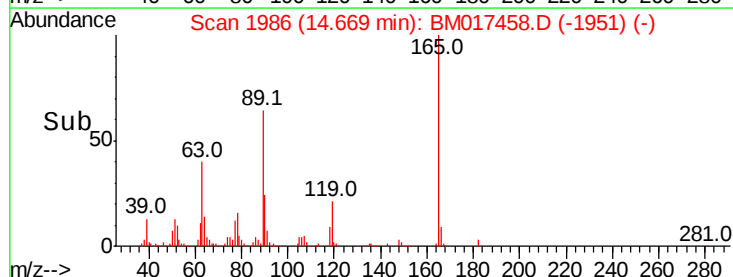
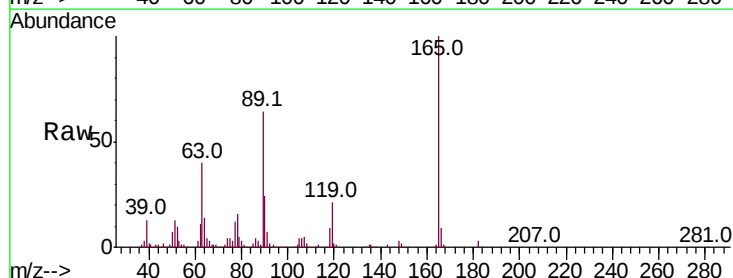
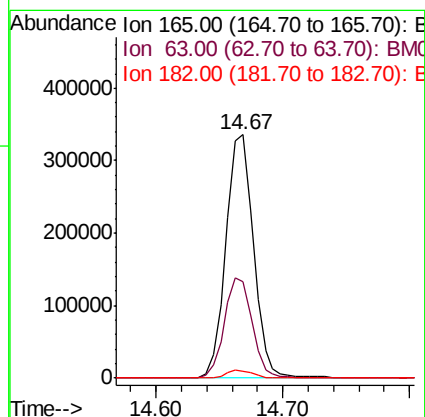
RT: 14.67 min Scan# 1986

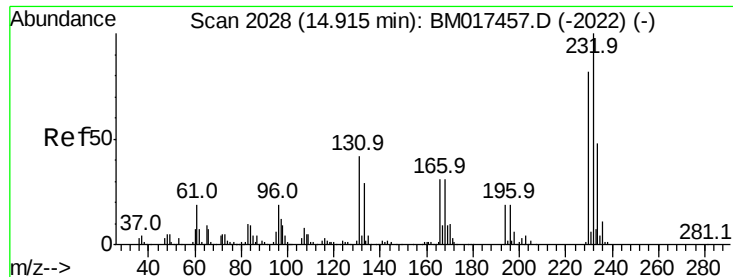
Delta R.T. 0.01 min

Lab File: BM017458.D

Acq: 01 Nov 2018 10:29

Tgt Ion:	165	Resp:	506572
Ion Ratio	Lower	Upper	
165	100		
63	39.7	33.9	50.9
182	2.9	2.2	3.4





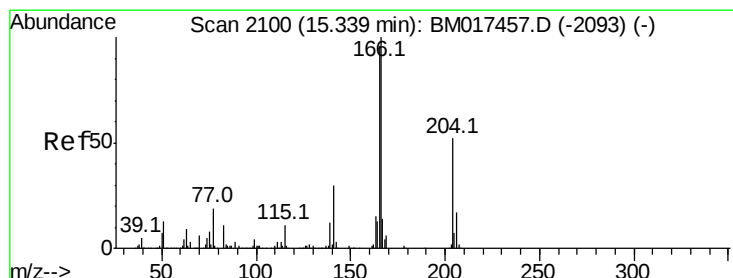
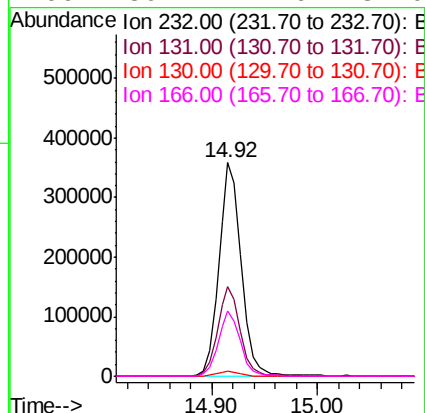
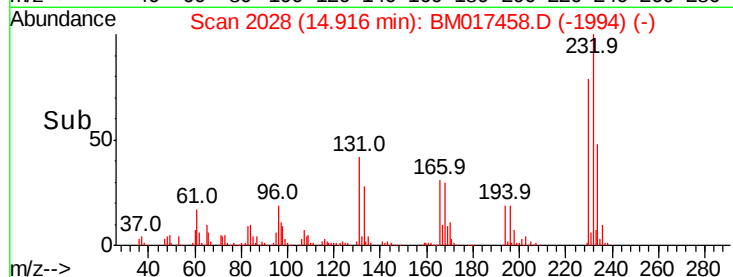
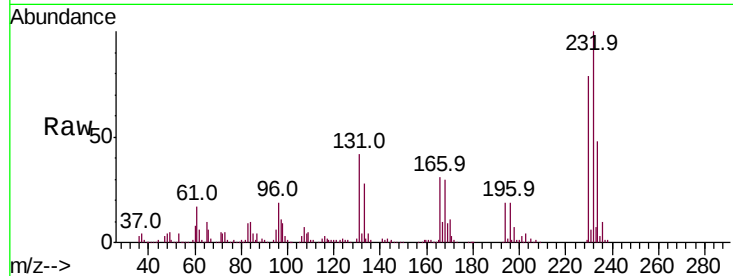
#56
2,3,4,6-Tetrachlorophenol
Concen: 38.481 ng/ul
RT: 14.92 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BM017458.D
Acq: 01 Nov 2018 10:29

Instrument :
BNA_M
ClientSampled :
A40D7

Tot Ion	Ratio	Resp	Lower	Upper
232	100	529209		
131	41.9	33.0	49.4	
130	2.1	1.9	2.9	
166	30.7	24.6	37.0	

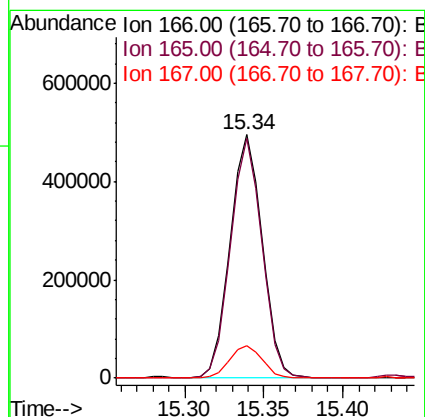
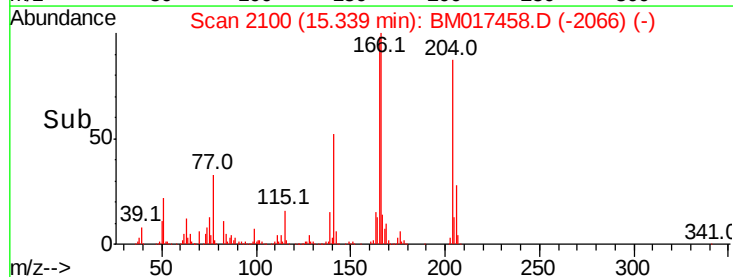
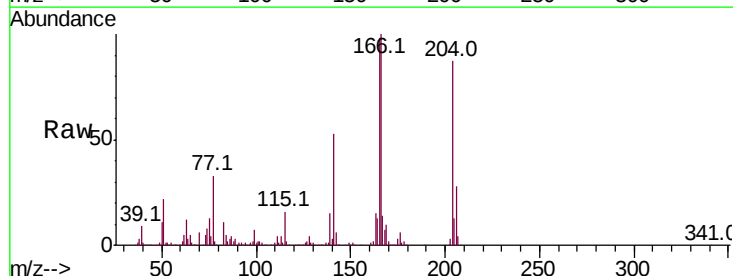
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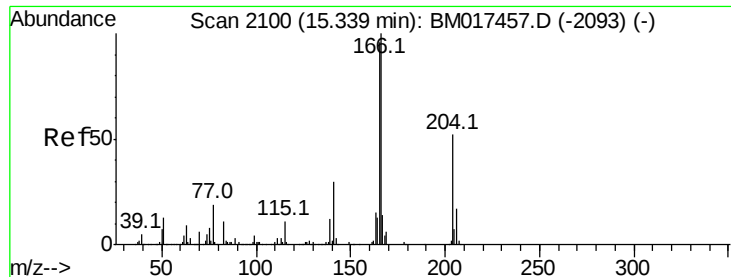
Sohil
11/2/2018 4:12:00 PM



#59
Fluorene
Concen: 13.190 ng/ul
RT: 15.34 min Scan# 2100
Delta R.T. 0.00 min
Lab File: BM017458.D
Acq: 01 Nov 2018 10:29

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	697822		
165	98.3	77.5	116.3	
167	13.5	10.8	16.2	





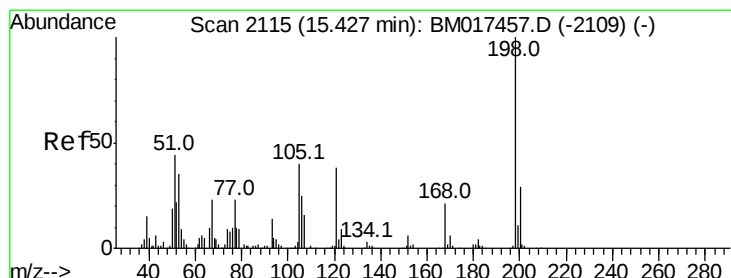
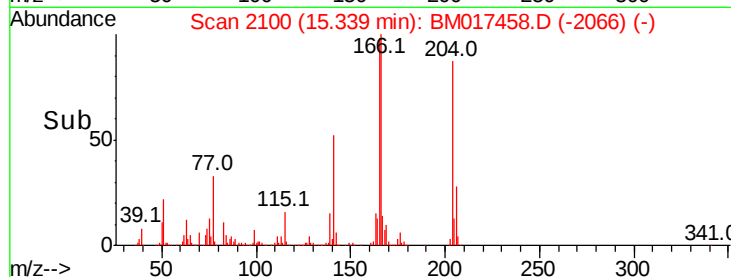
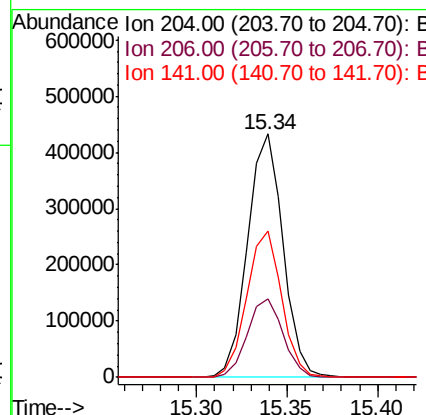
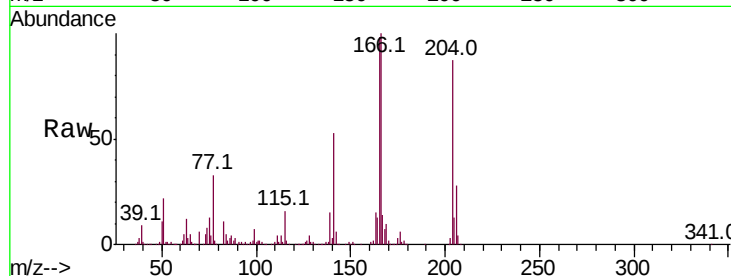
#60
4-Chlorophenyl-phenylether
Concen: 21.710 ng/ul
RT: 15.34 min Scan# 2100
Delta R.T. 0.00 min
Lab File: BM017458.D
Acq: 01 Nov 2018 10:29

Instrument :
BNA_M
ClientSampled :
A40D7

Tot Ion	Ratio	Resp	Lower	Upper
204	100			
206	32.2	25.9	38.9	
141	60.1	47.4	71.0	

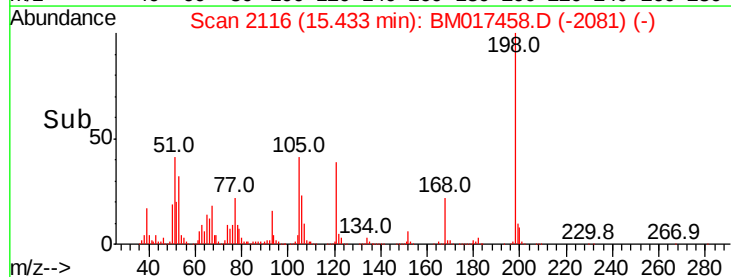
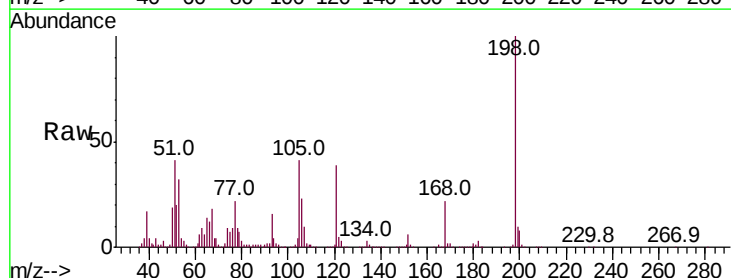
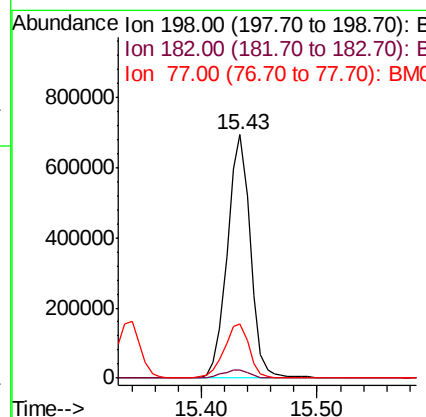
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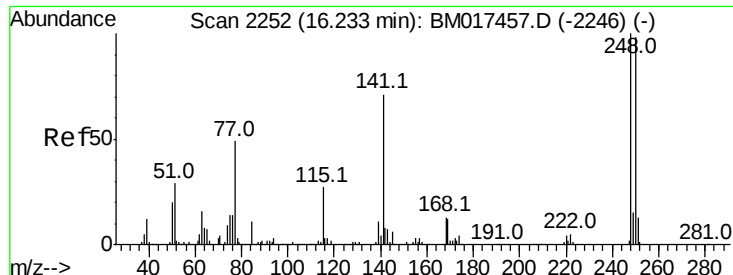
Sohil
11/2/2018 4:12:00 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 84.837 ng/ul
RT: 15.43 min Scan# 2116
Delta R.T. 0.01 min
Lab File: BM017458.D
Acq: 01 Nov 2018 10:29

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
182	3.4	3.5	5.3#	
77	22.4	20.3	30.5	





#66

4-Bromophenyl-phenylether

Concen: 27.023 ng/ul

RT: 16.23 min Scan# 2252

Delta R.T. 0.00 min

Lab File: BM017458.D

Acq: 01 Nov 2018 10:29

Instrument :

BNA_M

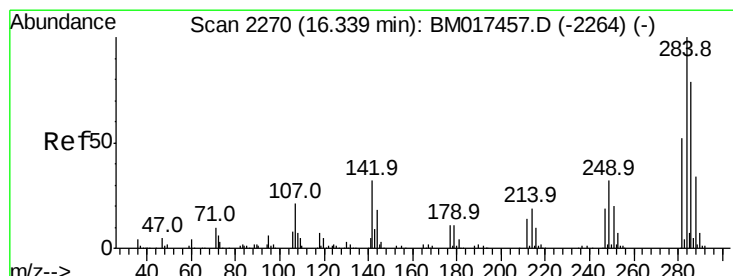
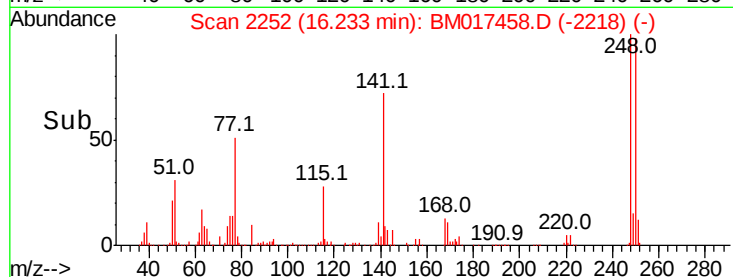
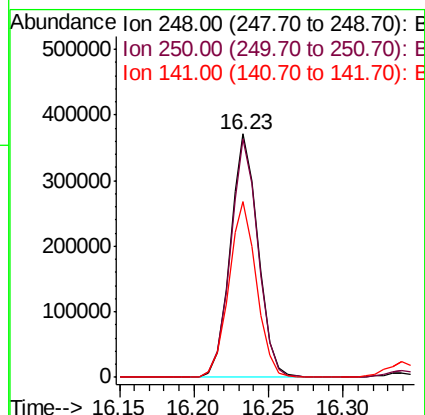
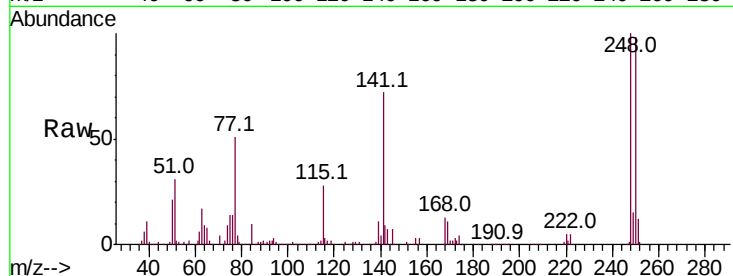
ClientSampled :

A40D7

Tot Ion:	248	Resp:	482841
Ion Ratio	Lower	Upper	
248	100		
250	97.9	80.0	120.0
141	72.4	60.6	91.0

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#67

Hexachlorobenzene

Concen: 26.783 ng/ul

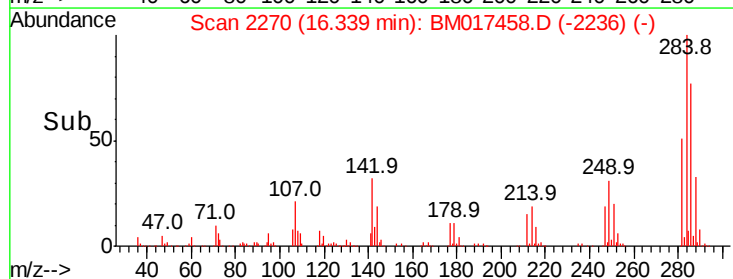
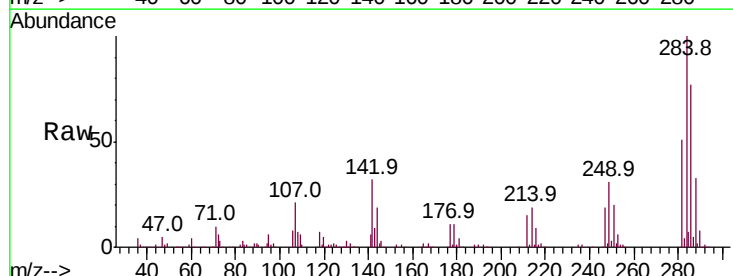
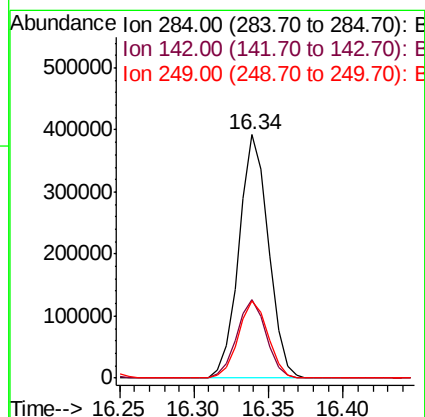
RT: 16.34 min Scan# 2270

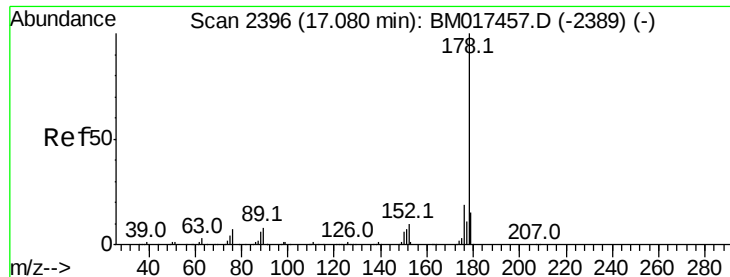
Delta R.T. 0.00 min

Lab File: BM017458.D

Acq: 01 Nov 2018 10:29

Tgt Ion:	284	Resp:	539888
Ion Ratio	Lower	Upper	
284	100		
142	32.2	28.0	42.0
249	31.5	25.8	38.6





#70

Phenanthrene

Concen: 13.587 ng/ul

RT: 17.08 min Scan# 2396

Delta R.T. 0.00 min

Lab File: BM017458.D

Acq: 01 Nov 2018 10:29

Instrument :

BNA_M

ClientSampled :

A40D7

Tot Ion:178 Resp: 1241428

Ion Ratio Lower Upper

178 100

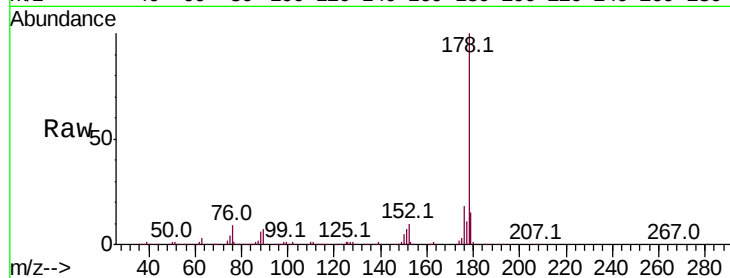
179 15.0 12.2 18.2

176 18.0 14.9 22.3

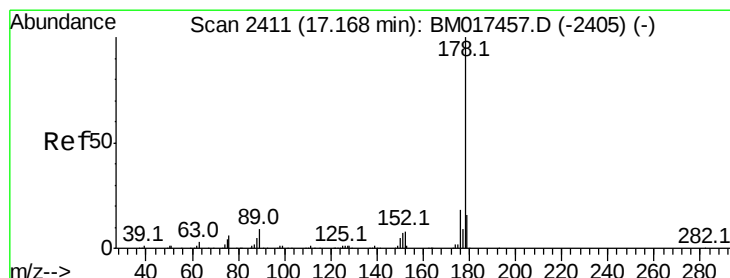
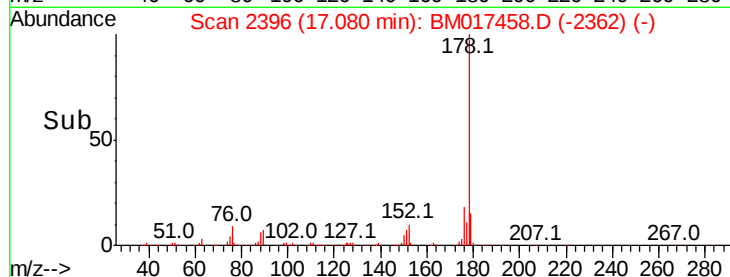
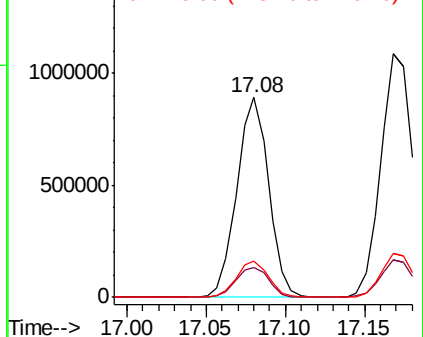
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#72

Anthracene

Concen: 16.588 ng/ul

RT: 17.17 min Scan# 2411

Delta R.T. 0.00 min

Lab File: BM017458.D

Acq: 01 Nov 2018 10:29

Tgt Ion:178 Resp: 1539400

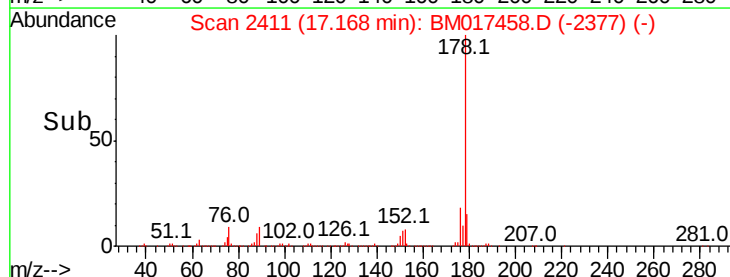
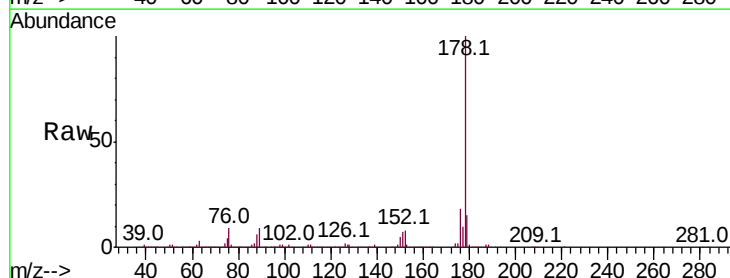
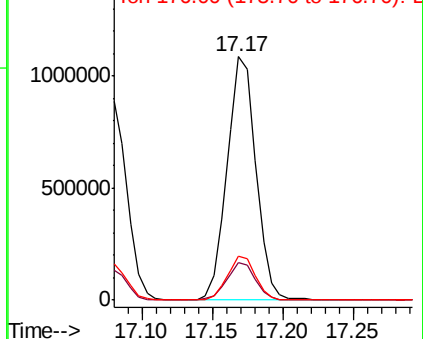
Ion Ratio Lower Upper

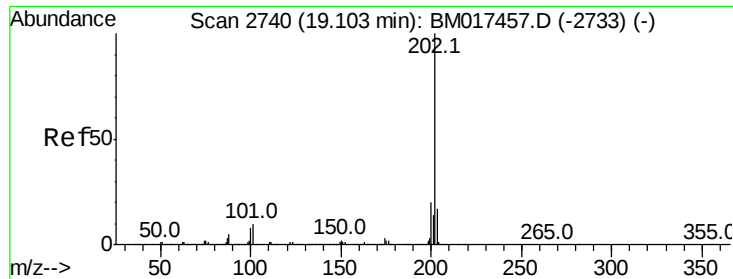
178 100

179 15.4 12.2 18.2

176 18.0 14.2 21.2

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





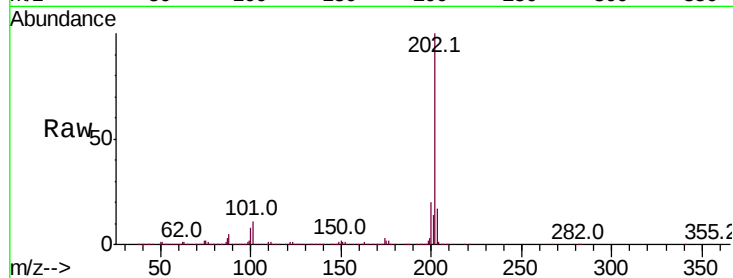
#77
Fluoranthene
Concen: 35.501 ng/ul
RT: 19.10 min Scan# 2740
Delta R.T. 0.00 min
Lab File: BM017458.D
Acq: 01 Nov 2018 10:29

Instrument :
BNA_M
ClientSampleId :
A40D7

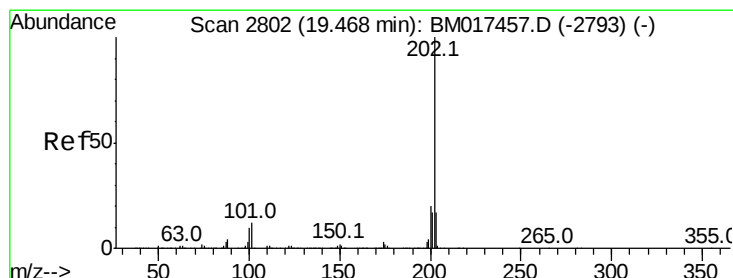
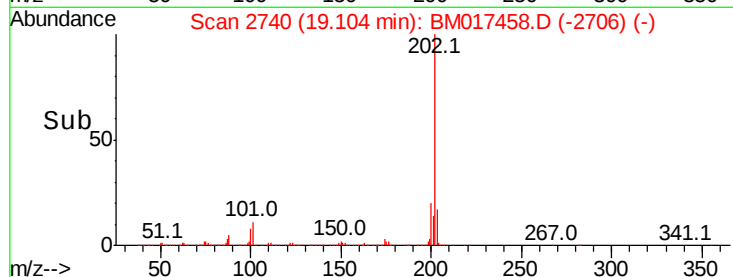
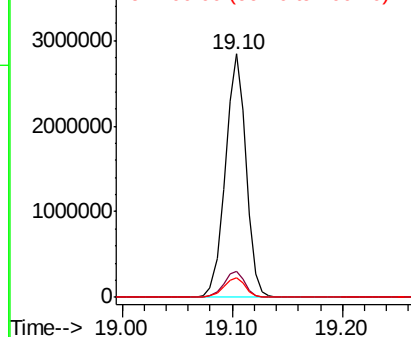
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.6	8.2	12.4
100	8.2	6.3	9.5

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11/2/2018 4:12:00 PM



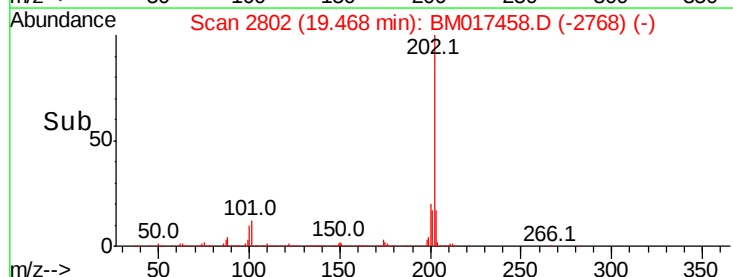
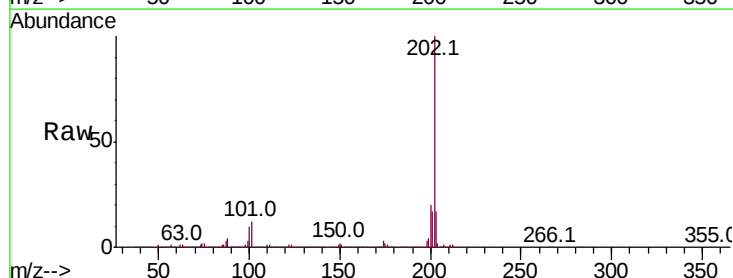
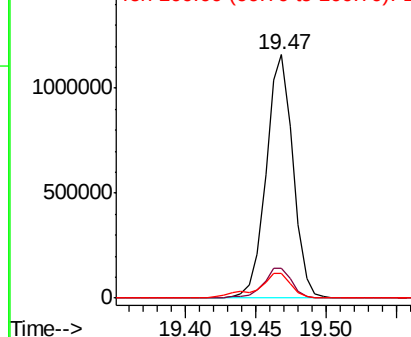
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

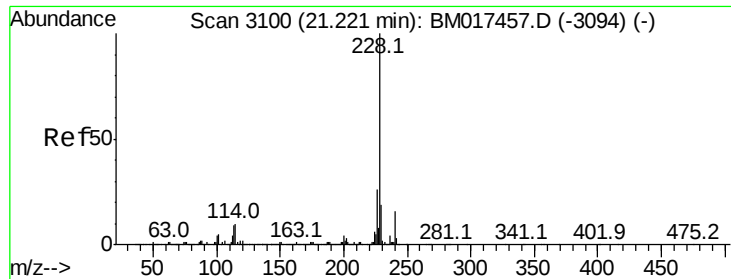


#80
Pyrene
Concen: 14.238 ng/ul
RT: 19.47 min Scan# 2802
Delta R.T. 0.00 min
Lab File: BM017458.D
Acq: 01 Nov 2018 10:29

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.5	14.3
100	10.1	8.1	12.1

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





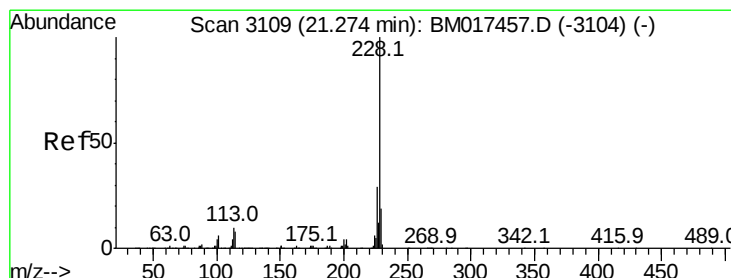
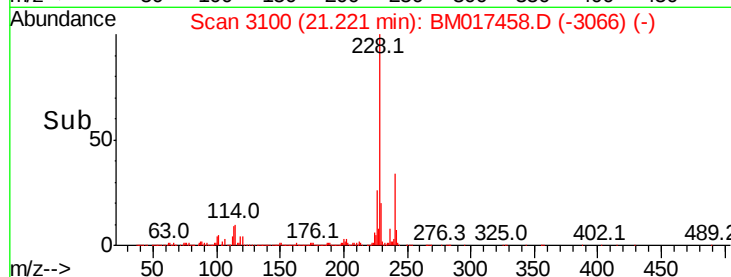
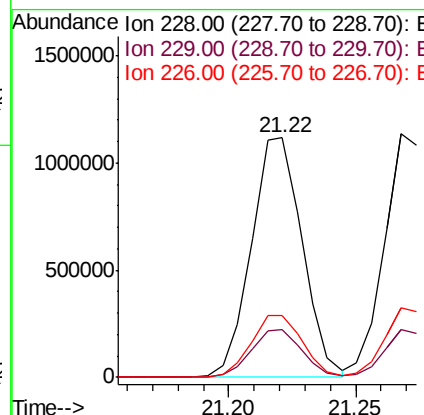
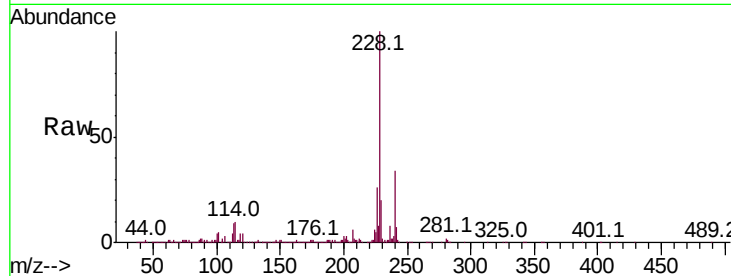
#83
Benzo(a)anthracene
Concen: 13.625 ng/ul
RT: 21.22 min Scan# 3100
Delta R.T. 0.00 min
Lab File: BM017458.D
Acq: 01 Nov 2018 10:29

Instrument :
BNA_M
ClientSampled :
A40D7

Tot Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.6	23.4
226	26.1	20.8	31.2

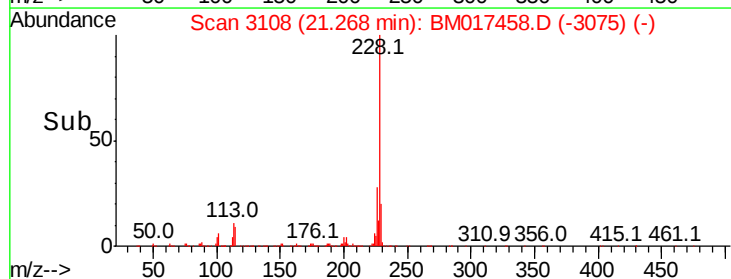
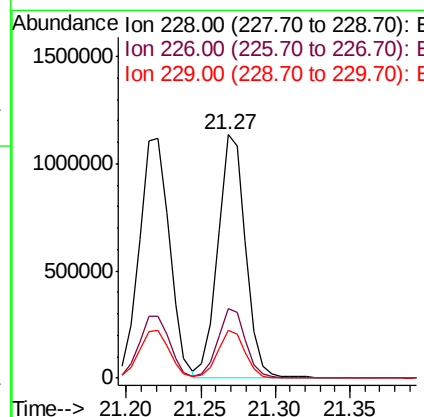
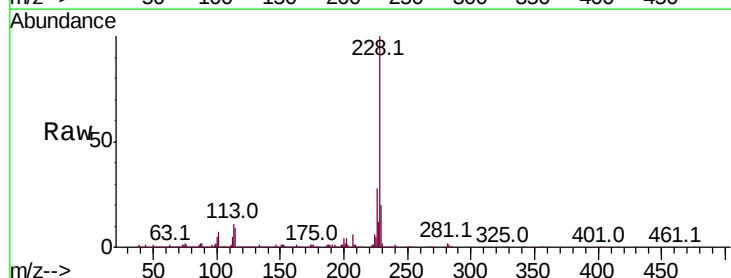
Manual Integrations
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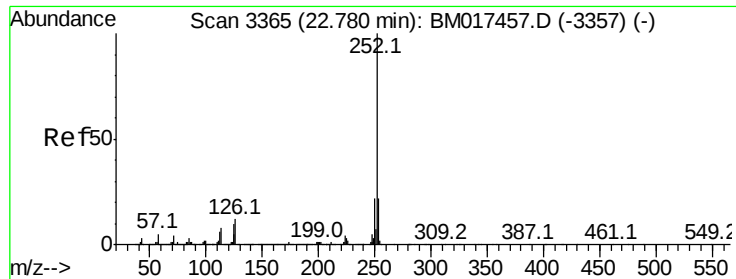
Sohil
11/2/2018 4:12:00 PM



#85
Chrysene
Concen: 13.489 ng/ul
RT: 21.27 min Scan# 3108
Delta R.T. -0.01 min
Lab File: BM017458.D
Acq: 01 Nov 2018 10:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.3	34.9
229	19.8	15.6	23.4





#88

Benzo(b)fluoranthene

Concen: 45.955 ng/ul

RT: 22.79 min Scan# 3366

Delta R.T. 0.01 min

Lab File: BM017458.D

Acq: 01 Nov 2018 10:29

Instrument :

BNA_M

ClientSampleId :

A40D7

Tot Ion:252 Resp: 4909402

Ion Ratio Lower Upper

252 100

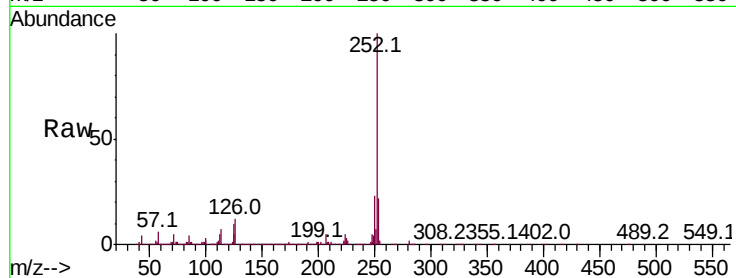
253 22.1 17.6 26.4

125 9.8 7.2 10.8

Manual Integrations
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Sohil

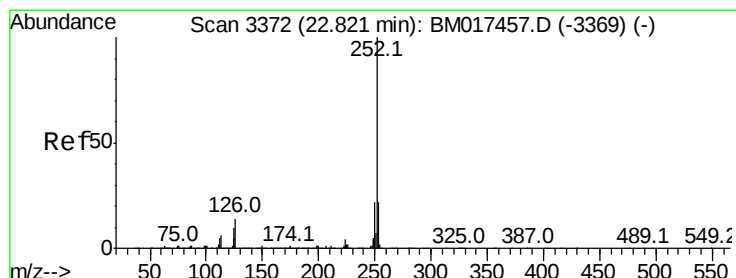
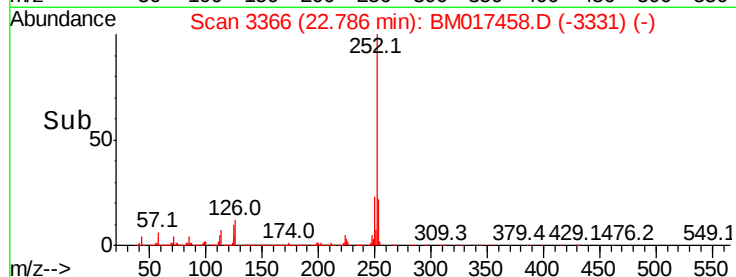
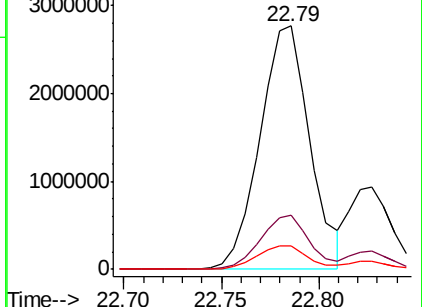
11/2/2018 4:12:00 PM



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: 13.367 ng/ul

RT: 22.83 min Scan# 3373

Delta R.T. 0.01 min

Lab File: BM017458.D

Acq: 01 Nov 2018 10:29

Tgt Ion:252 Resp: 1394869

Ion Ratio Lower Upper

252 100

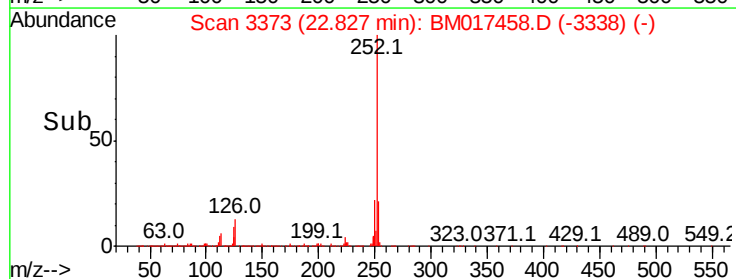
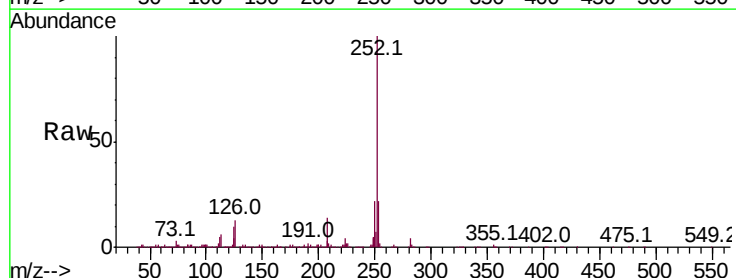
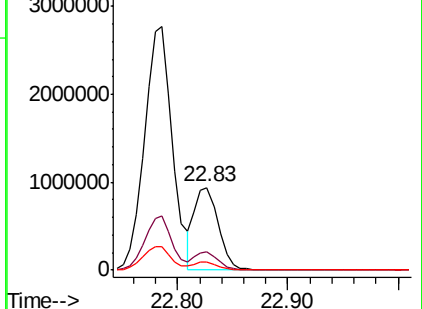
253 21.5 17.7 26.5

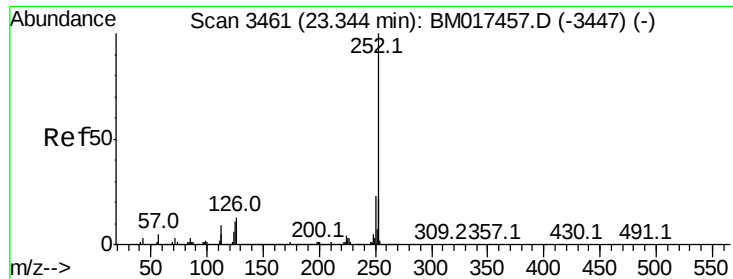
125 9.5 7.8 11.6

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





#91

Benzo(a)pyrene

Concen: 11.505 ng/ul

RT: 23.34 min Scan# 3461

Delta R.T. 0.00 min

Lab File: BM017458.D

Acq: 01 Nov 2018 10:29

Instrument :

BNA_M

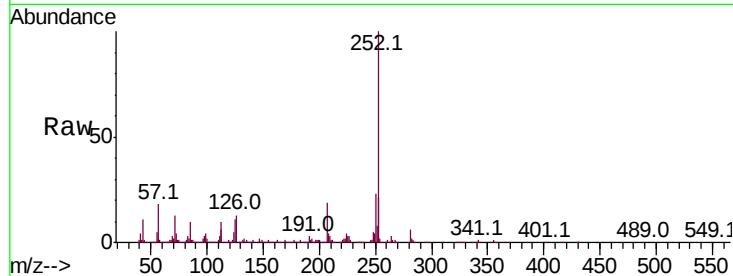
ClientSampleId :

A40D7

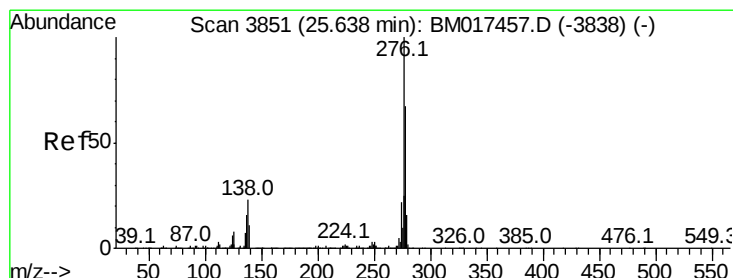
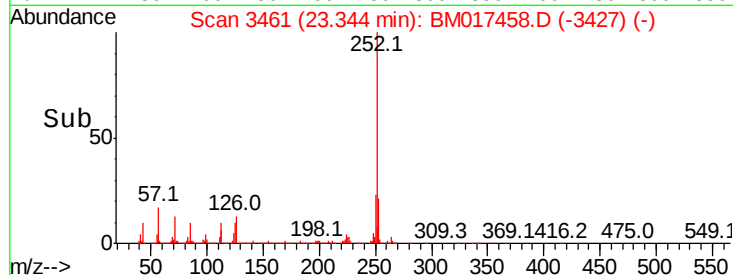
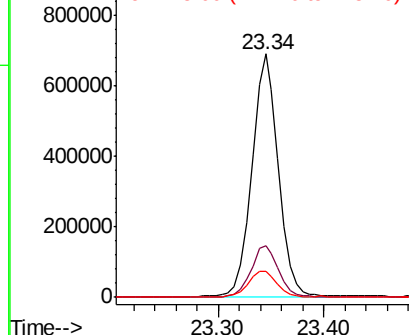
Tot Ion:	252	Resp:	1200711
Ion Ratio	Lower	Upper	
252	100		
253	21.4	17.6	26.4
125	10.5	8.3	12.5

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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



#92

Indeno(1,2,3-cd)pyrene

Concen: 12.448 ng/ul

RT: 25.64 min Scan# 3852

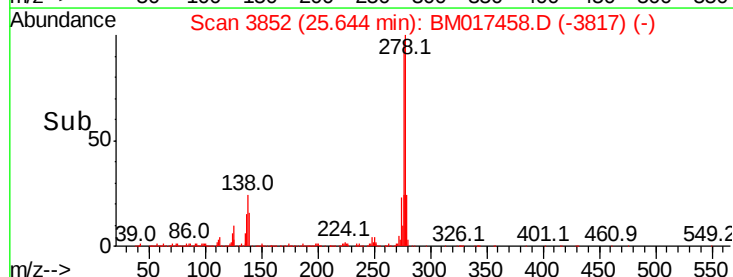
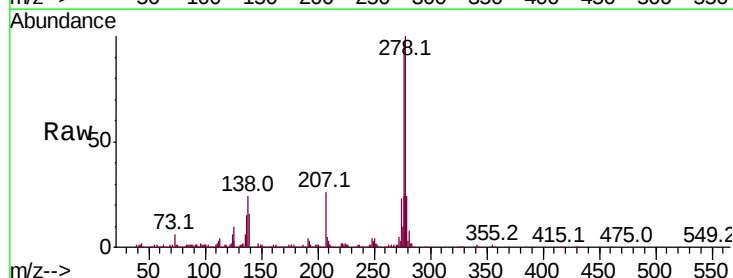
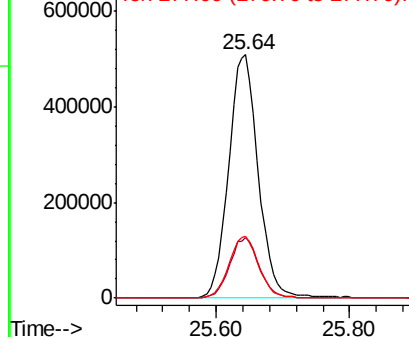
Delta R.T. 0.01 min

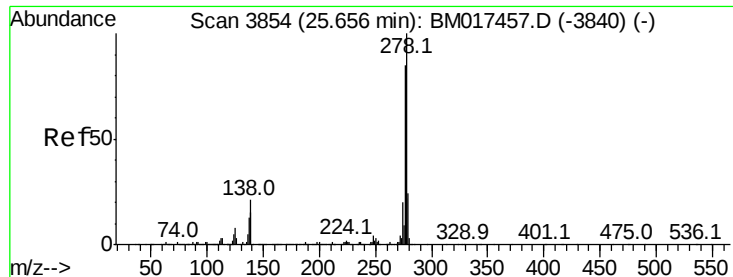
Lab File: BM017458.D

Acq: 01 Nov 2018 10:29

Tgt Ion:	276	Resp:	1580712
Ion Ratio	Lower	Upper	
276	100		
138	25.1	18.1	27.1
277	25.3	19.6	29.4

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





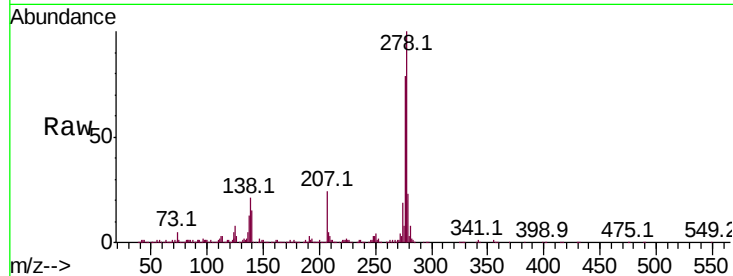
#93
Dibenzo(a,h)anthracene
Concen: 14.822 ng/ul
RT: 25.65 min Scan# 3853
Delta R.T. -0.01 min
Lab File: BM017458.D
Acq: 01 Nov 2018 10:29

Instrument :
BNA_M
ClientSampleId :
A40D7

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.2	12.7	19.1
279	22.9	19.0	28.4

Manual Integrations
APPROVED

Sohil
11/2/2018 4:12:00 PM

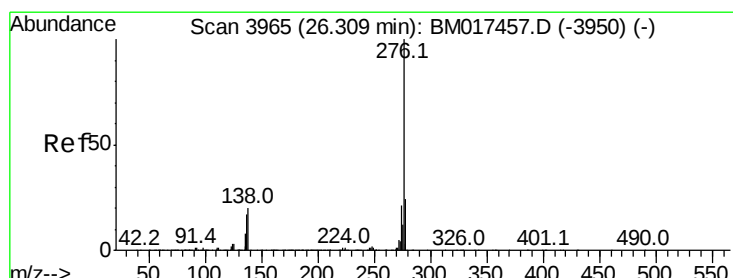
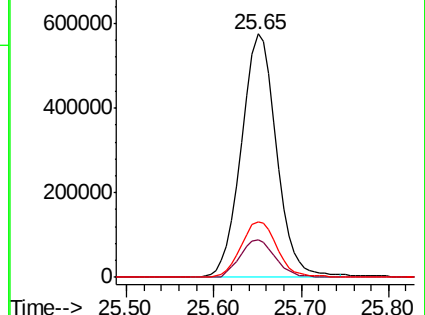
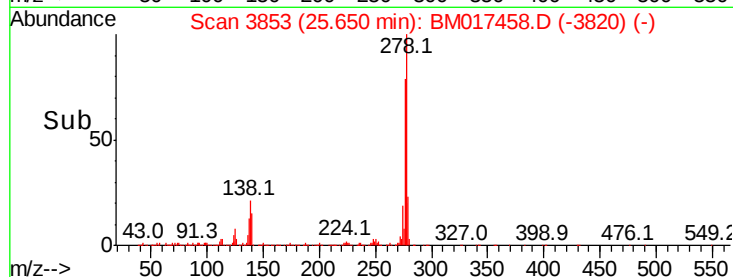


Abundance

Ion 278.00 (277.70 to 278.70): E

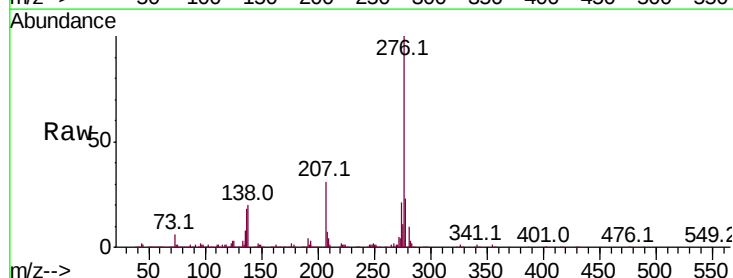
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#94
Benzo(g,h,i)perylene
Concen: 12.604 ng/ul
RT: 26.31 min Scan# 3966
Delta R.T. 0.01 min
Lab File: BM017458.D
Acq: 01 Nov 2018 10:29

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.9	16.6	25.0
277	23.3	18.9	28.3



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

