

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121518\
 Data File : BM018207.D
 Acq On : 15 Dec 2018 16:29
 Operator : JU/SJ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Sohil
 12/17/2018 4:19:46 PM

Quant Time: Dec 15 21:43:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 15 21:04:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	133174	20.00	ng	0.00
21) Naphthalene-d8	10.27	136	563559	20.00	ng	0.00
39) Acenaphthene-d10	14.16	164	327439	20.00	ng	0.00
64) Phenanthrene-d10	16.92	188	699994	20.00	ng	0.00
76) Chrysene-d12	21.15	240	681620	20.00	ng	0.00
87) Perylene-d12	23.31	264	568530	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.13	112	1273428	161.77	ng	0.00
7) Phenol-d6	6.71	99	1820927	165.44	ng	0.00
23) Nitrobenzene-d5	8.67	82	1764955	161.73	ng	0.00
42) 2,4,6-Tribromophenol	15.67	330	772257	164.78	ng	0.00
45) 2-Fluorobiphenyl	12.77	172	4010540	159.88	ng	0.00
79) Terphenyl-d14	19.58	244	5346373	179.11	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.13	88	232791	71.319	ng	98
3) Pyridine	3.51	79	711977	74.414	ng	99
4) n-Nitrosodimethylamine	3.43	42	245439	60.163	ng	94
6) Aniline	6.86	93	1099964	80.502	ng	97
8) 2-Chlorophenol	7.07	128	760098	80.737	ng	99
10) Phenol	6.73	94	942916	81.354	ng	97
11) bis(2-Chloroethyl)ether	6.96	93	726366	79.626	ng	99
12) 1,3-Dichlorobenzene	7.39	146	838593	79.339	ng	99
13) 1,4-Dichlorobenzene	7.54	146	860189	79.573	ng	99
14) 1,2-Dichlorobenzene	7.85	146	826406	78.862	ng	99
15) Benzyl Alcohol	7.76	79	750422	85.679	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.04	45	652148	49.922	ng	99
17) 2-Methylphenol	7.96	107	633105	81.510	ng	99
18) Hexachloroethane	8.55	117	310309	81.192	ng	97
19) n-Nitroso-di-n-propylamine	8.32	70	652504	81.976	ng	98
20) 3+4-Methylphenols	8.30	107	896252	82.817	ng	98
22) Acetophenone	8.33	105	1207663	85.564	ng	# 98
24) Nitrobenzene	8.71	77	869043	78.682	ng	97
25) Isophorone	9.23	82	1449698	85.467	ng	99
26) 2-Nitrophenol	9.40	139	459386	90.202	ng	99
27) 2,4-Dimethylphenol	9.47	122	641423	87.323	ng	99
28) bis(2-Chloroethoxy)methane	9.71	93	981455	86.250	ng	98
29) 2,4-Dichlorophenol	9.93	162	735462	86.726	ng	99
30) 1,2,4-Trichlorobenzene	10.14	180	804061	81.612	ng	94
31) Naphthalene	10.32	128	2237706	81.379	ng	99
32) Benzoic acid	9.72	122	631188m	94.109	ng	
33) 4-Chloroaniline	10.46	127	1001714	83.228	ng	98
34) Hexachlorobutadiene	10.59	225	500451	81.620	ng	99
35) Caprolactam	11.30	113	274575m	86.885	ng	
36) 4-Chloro-3-methylphenol	11.60	107	852351	86.671	ng	99
37) 2-Methylnaphthalene	11.95	142	1597569	82.224	ng	100
38) 1-Methylnaphthalene	12.17	142	1522846	80.023	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.32	216	912280	79.918	ng	99
41) Hexachlorocyclopentadiene	12.29	237	394044	70.280	ng	99

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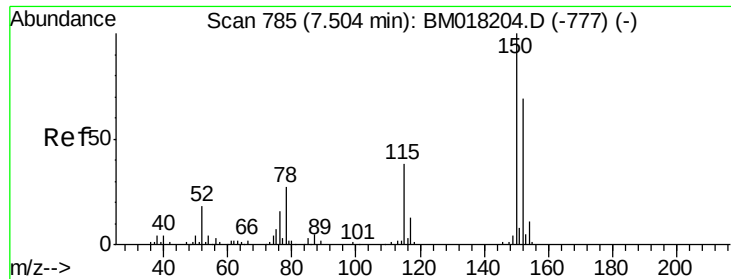
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	12.58	196	595492	83.141	ng	96
44) 2,4,5-Trichlorophenol	12.66	196	631639	83.502	ng	99
46) 1,1'-Biphenyl	12.99	154	2392369	81.814	ng	99
47) 2-Chloronaphthalene	13.03	162	1770704	81.784	ng	99
48) 2-Nitroaniline	13.26	65	560013	84.104	ng	99
49) Acenaphthylene	13.88	152	2601288	79.838	ng	99
50) Dimethylphthalate	13.65	163	2107933	79.504	ng	100
51) 2,6-Dinitrotoluene	13.77	165	480443	81.473	ng	93
52) Acenaphthene	14.23	154	1618927	81.162	ng	100
53) 3-Nitroaniline	14.10	138	525631	81.778	ng	97
54) 2,4-Dinitrophenol	14.32	184	288213	94.372	ng	99
55) Dibenzofuran	14.57	168	2541027	77.911	ng	99
56) 4-Nitrophenol	14.43	139	399043	83.542	ng	98
57) 2,4-Dinitrotoluene	14.57	165	673310	84.630	ng	94
58) Fluorene	15.23	166	1971592	78.958	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.80	232	548155	78.932	ng	99
60) Diethylphthalate	15.02	149	2201130	76.624	ng	99
61) 4-Chlorophenyl-phenylether	15.22	204	1119883	79.071	ng	99
62) 4-Nitroaniline	15.29	138	505073	83.375	ng	99
63) Azobenzene	15.52	77	2153562	81.091	ng	99
65) 4,6-Dinitro-2-methylphenol	15.34	198	439987	91.122	ng	96
66) n-Nitrosodiphenylamine	15.45	169	1883902	83.994	ng	99
67) 4-Bromophenyl-phenylether	16.12	248	702862	85.506	ng	98
68) Hexachlorobenzene	16.23	284	748389	80.826	ng	99
69) Atrazine	16.42	200	513386	62.955	ng	100
70) Pentachlorophenol	16.58	266	518064	80.540	ng	99
71) Phenanthrene	16.97	178	3032258	80.422	ng	100
72) Anthracene	17.06	178	3067554	83.517	ng	100
73) Carbazole	17.34	167	3091405	83.195	ng	100
74) Di-n-butylphthalate	17.91	149	3901979	93.139	ng	99
75) Fluoranthene	19.00	202	3512742	82.214	ng	99
77) Benzidine	19.20	184	1386654	65.240	ng	99
78) Pyrene	19.37	202	3633456	87.385	ng	100
80) Butylbenzylphthalate	20.29	149	1620574	94.256	ng	99
81) Benzo(a)anthracene	21.13	228	3188475	81.651	ng	99
82) 3,3'-Dichlorobenzidine	21.07	252	1208926	79.904	ng	97
83) Chrysene	21.19	228	3031964	80.042	ng	100
84) Bis(2-ethylhexyl)phthalate	21.07	149	2419327	94.360	ng	99
85) Di-n-octyl phthalate	21.93	149	3658488	88.430	ng	99
86) Indeno(1,2,3-cd)pyrene	25.46	276	2613596	82.687	ng	99
88) Benzo(b)fluoranthene	22.67	252	2674224	81.346	ng	99
89) Benzo(k)fluoranthene	22.72	252	2700542	81.837	ng	99
90) Benzo(a)pyrene	23.22	252	2478718	82.415	ng	99
91) Dibenzo(a,h)anthracene	25.46	278	2249140	87.217	ng	99
92) Benzo(g,h,i)perylene	26.11	276	2126711	87.819	ng	99

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



#1

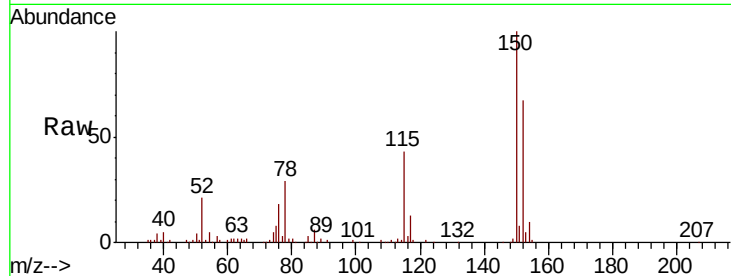
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.50 min Scan# 784
Delta R.T. -0.01 min
Lab File: BM018207.D
Acq: 15 Dec 2018 16:29

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.4	116.1	174.1
115	64.2	44.6	67.0

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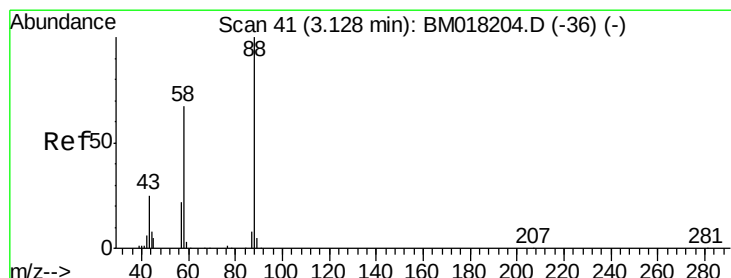
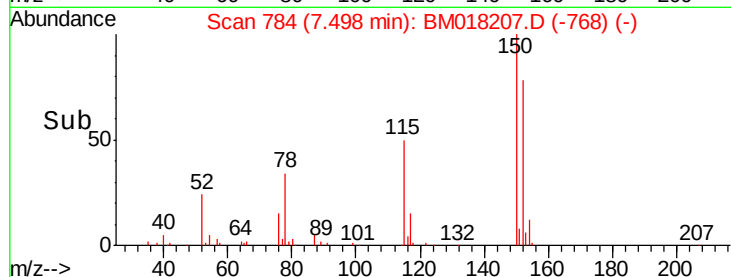
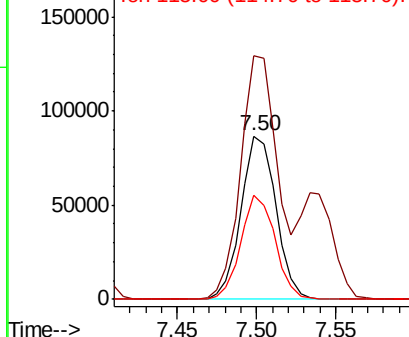


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

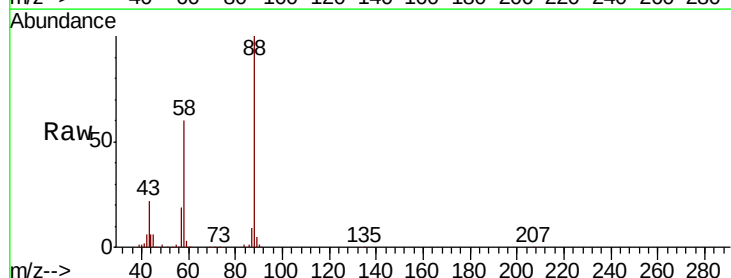
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 71.319 ng
RT: 3.13 min Scan# 41
Delta R.T. -0.00 min
Lab File: BM018207.D
Acq: 15 Dec 2018 16:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	60.9	49.8	74.6
43	22.8	19.1	28.7

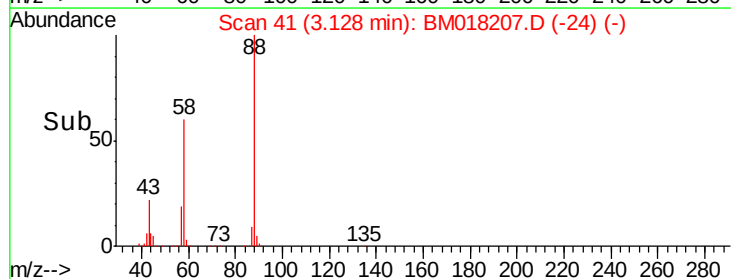
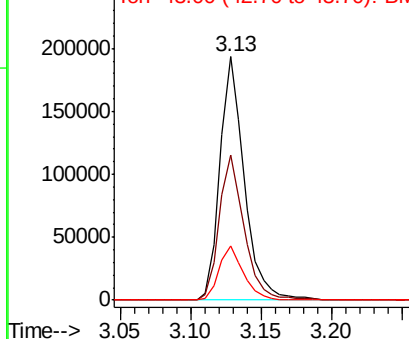


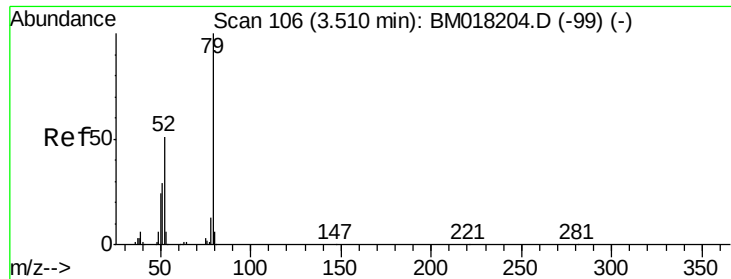
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





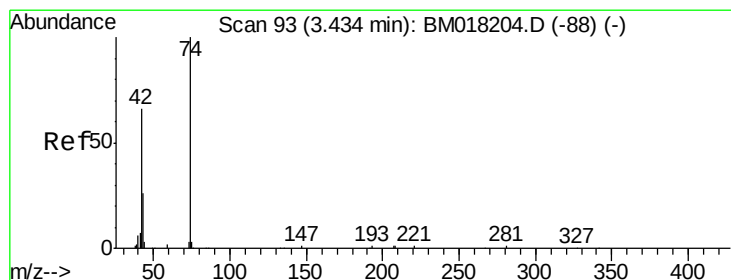
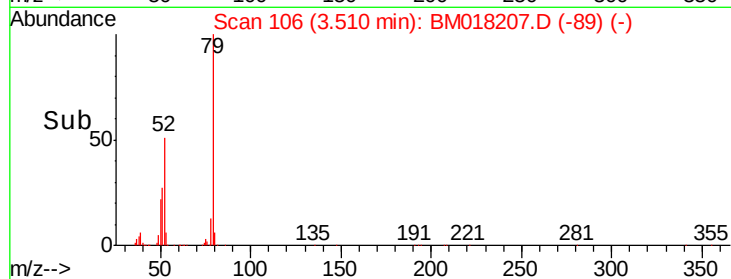
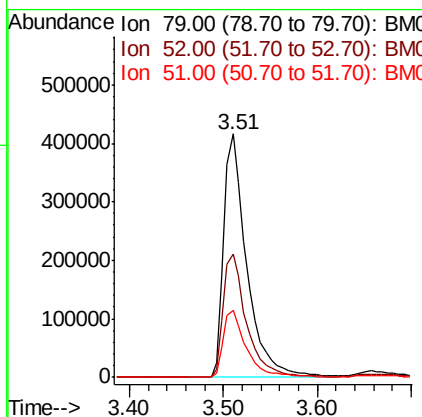
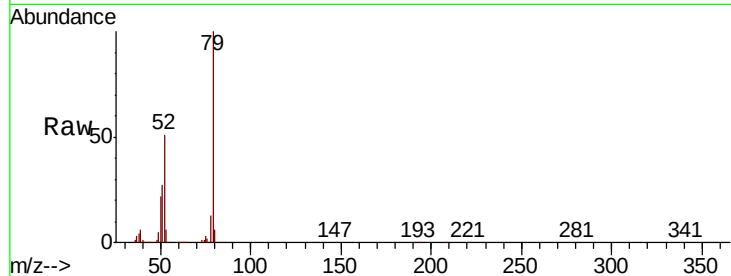
#3
 Pvrirdine
 Concen: 74.414 ng
 RT: 3.51 min Scan# 106
 Delta R.T. -0.00 min
 Lab File: BM018207.D
 Acq: 15 Dec 2018 16:29

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
79	100		
52	50.7	40.7	61.1
51	27.3	23.0	34.6

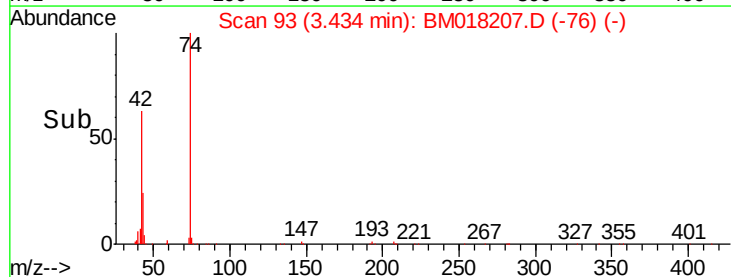
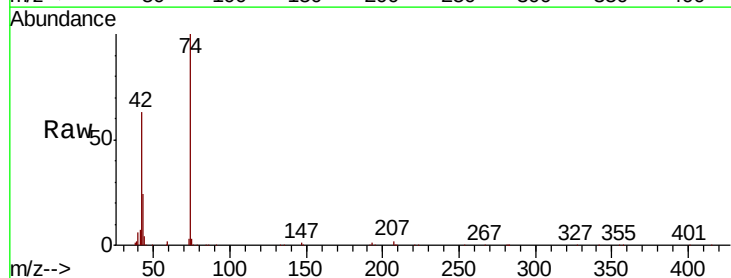
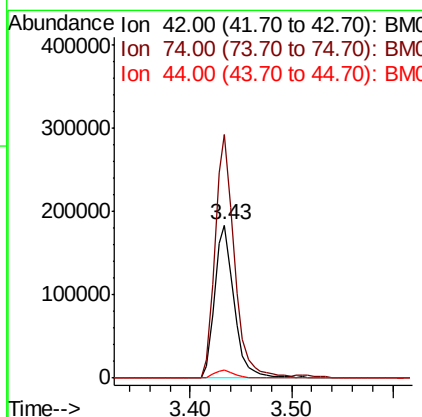
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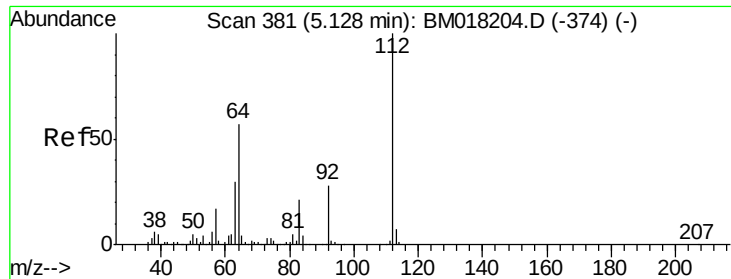
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#4
 n-Nitrosodimethylamine
 Concen: 60.163 ng
 RT: 3.43 min Scan# 93
 Delta R.T. -0.00 min
 Lab File: BM018207.D
 Acq: 15 Dec 2018 16:29

Tgt Ion	Ratio	Lower	Upper
42	100		
74	158.9	120.4	180.6
44	5.6	4.6	7.0





#5

2-Fluorophenol

Concen: 161.767 ng

RT: 5.13 min Scan# 382

Delta R.T. 0.01 min

Lab File: BM018207.D

Acq: 15 Dec 2018 16:29

Instrument :

BNA_M

ClientSampleId :

SSTDIC080

Tot Ion:112 Resp: 1273428

Ion Ratio Lower Upper

112 100

64 55.6 45.4 68.2

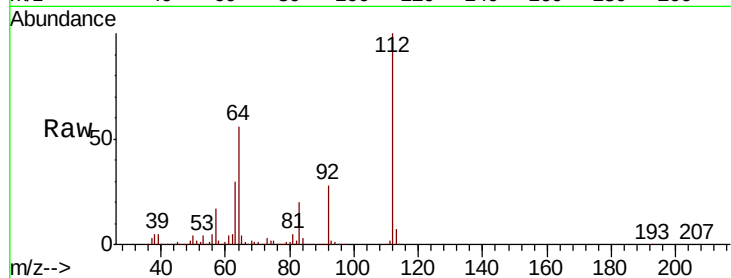
63 29.5 24.0 36.0

Manual Integrations

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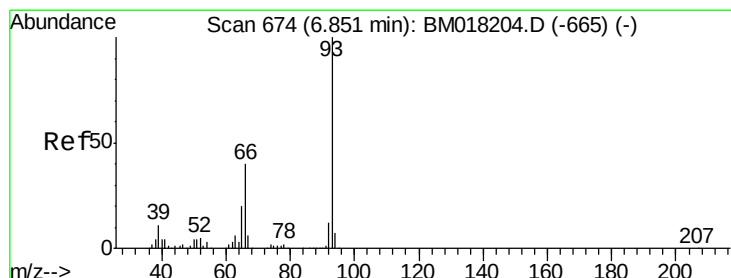
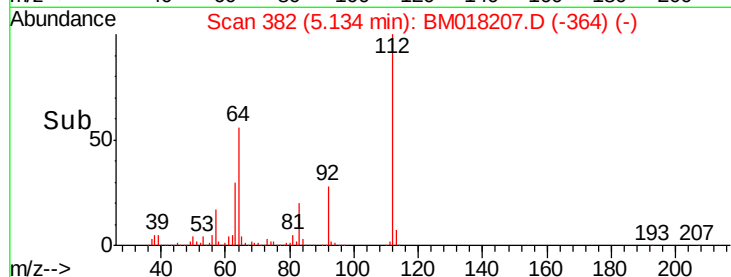
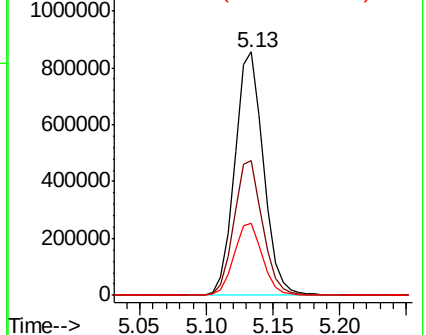
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 80.502 ng

RT: 6.86 min Scan# 675

Delta R.T. 0.01 min

Lab File: BM018207.D

Acq: 15 Dec 2018 16:29

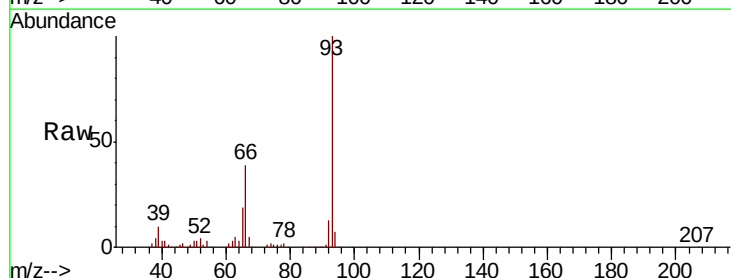
Tgt Ion: 93 Resp: 1099964

Ion Ratio Lower Upper

93 100

66 38.6 32.3 48.5

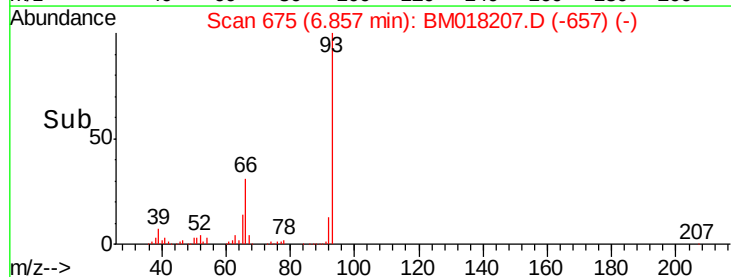
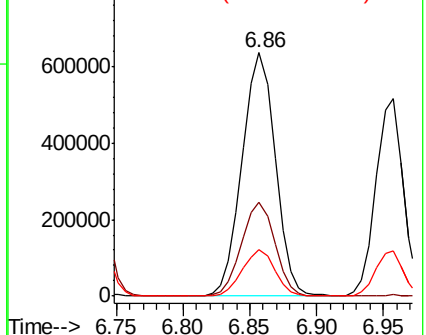
65 19.3 16.2 24.4

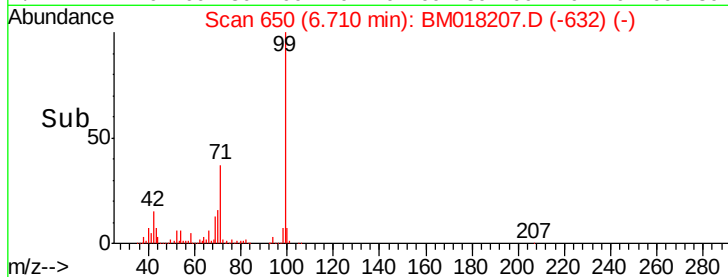
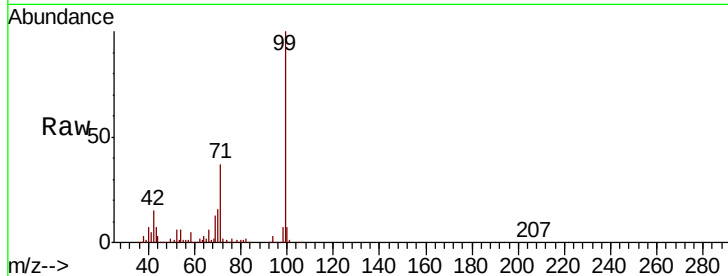
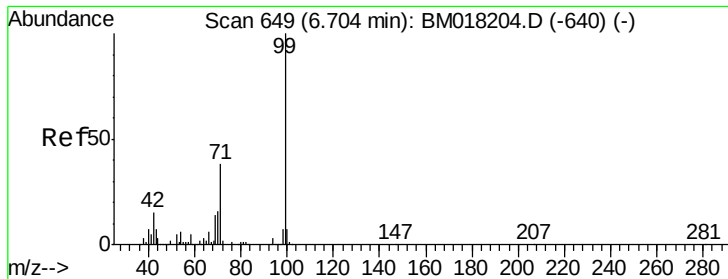


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 165.436 ng

RT: 6.71 min Scan# 650

Delta R.T. 0.01 min

Lab File: BM018207.D

Acq: 15 Dec 2018 16:29

Tot Ion:	99	Resp:	1820927
Ion	Ratio	Lower	Upper
99	100		
42	15.3	12.3	18.5
71	36.8	30.2	45.2

Instrument :

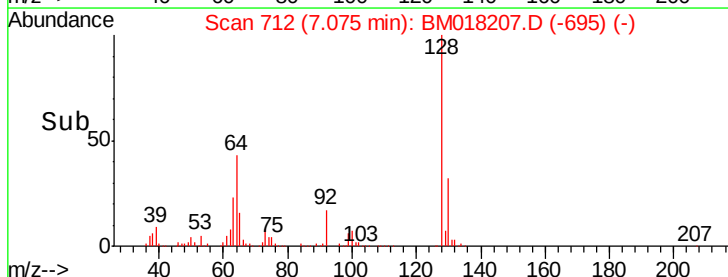
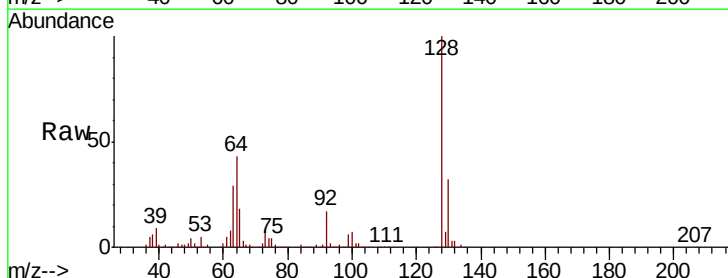
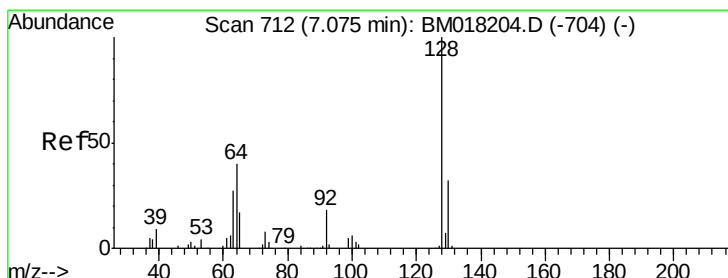
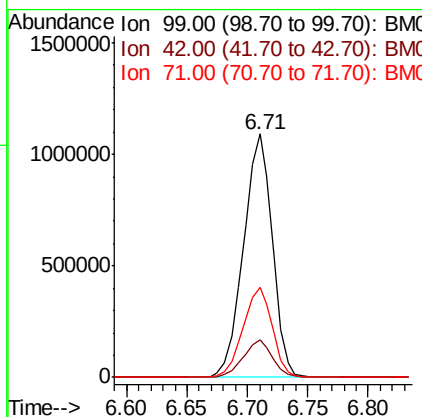
BNA_M

ClientSampleId :

SSTDIC080

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#8

2-Chlorophenol

Concen: 80.737 ng

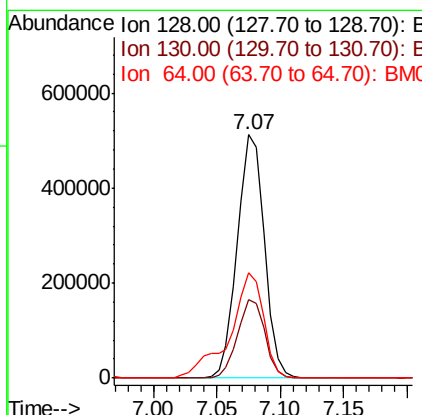
RT: 7.07 min Scan# 712

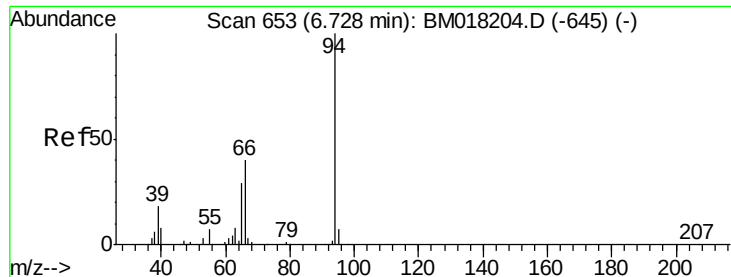
Delta R.T. -0.00 min

Lab File: BM018207.D

Acq: 15 Dec 2018 16:29

Tgt Ion:	128	Resp:	760098
Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.3	52.3
64	43.4	24.1	64.1





#10

Phenol

Concen: 81.354 ng

RT: 6.73 min Scan# 654

Delta R.T. 0.01 min

Lab File: BM018207.D

Acq: 15 Dec 2018 16:29

Instrument :

BNA_M

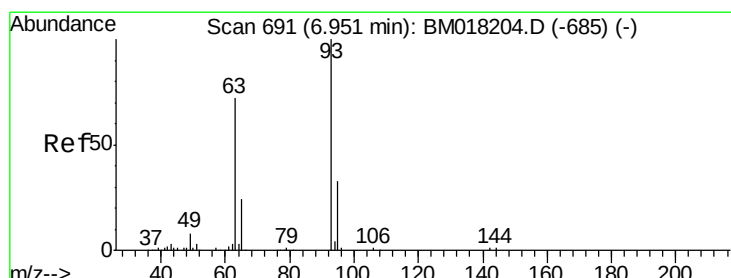
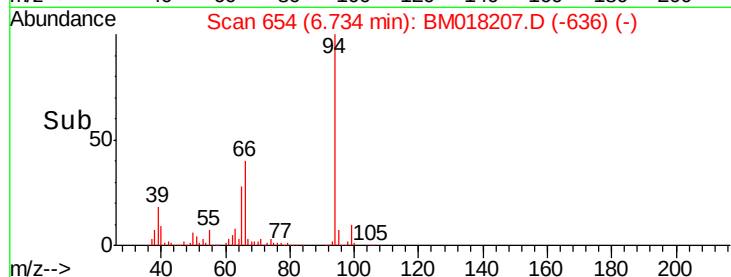
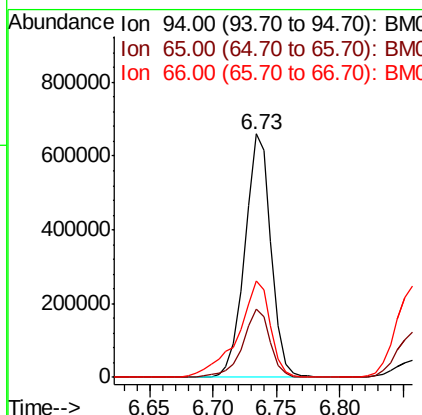
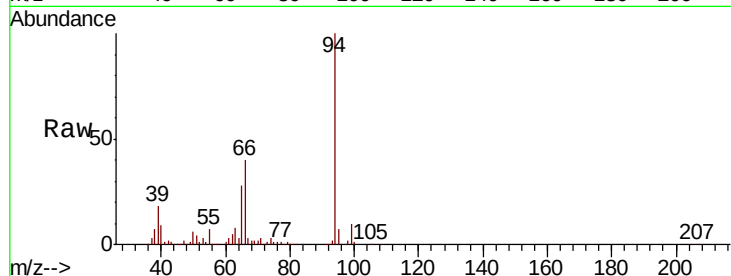
ClientSampleId :

SSTDIC080

Tot Ion:	94	Resp:	942916
Ion	Ratio	Lower	Upper
94	100		
65	28.0	9.5	49.5
66	39.8	21.3	61.3

Manual Integrations
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#11

bis(2-Chloroethyl)ether

Concen: 79.626 ng

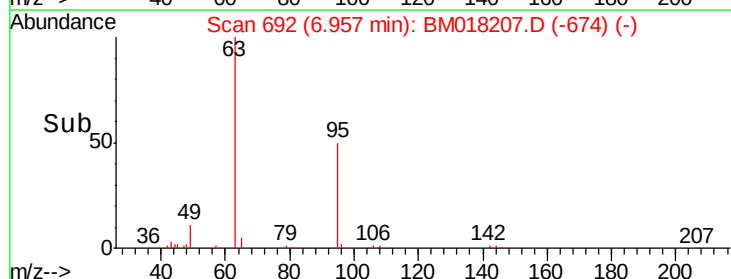
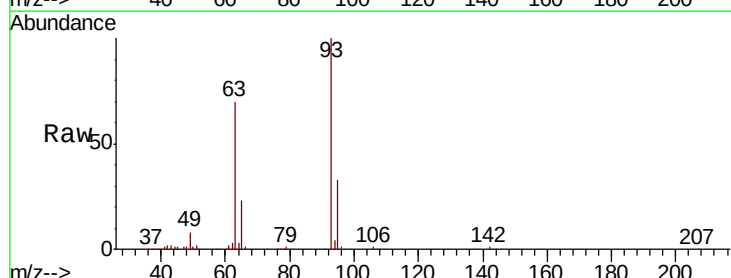
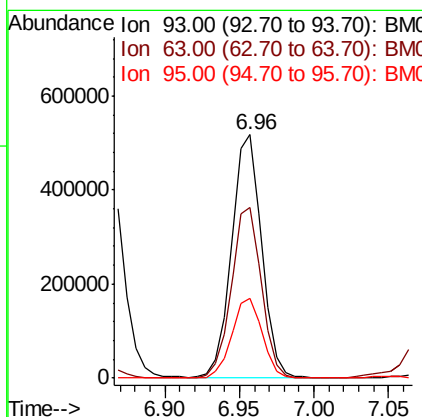
RT: 6.96 min Scan# 692

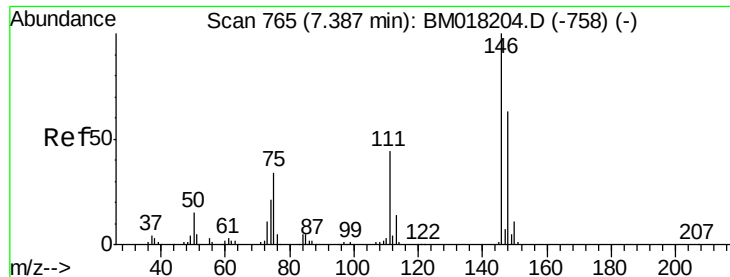
Delta R.T. 0.01 min

Lab File: BM018207.D

Acq: 15 Dec 2018 16:29

Tgt Ion:	93	Resp:	726366
Ion	Ratio	Lower	Upper
93	100		
63	70.0	51.7	91.7
95	33.0	13.1	53.1





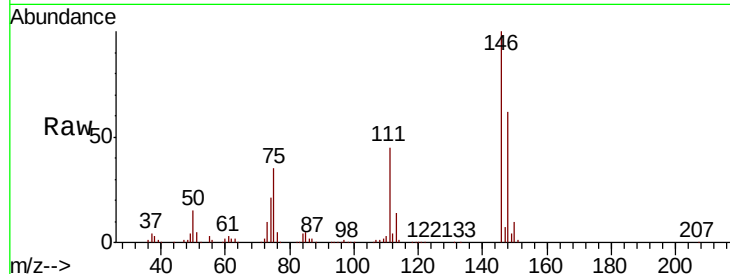
#12
 1,3-Dichlorobenzene
 Concen: 79.339 ng
 RT: 7.39 min Scan# 765
 Delta R.T. -0.00 min
 Lab File: BM018207.D
 Acq: 15 Dec 2018 16:29

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.4	50.6	76.0
75	34.5	27.0	40.4

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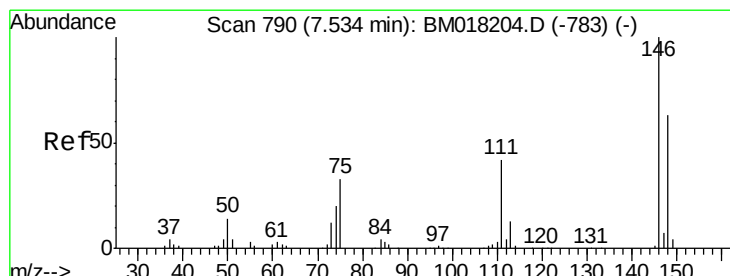
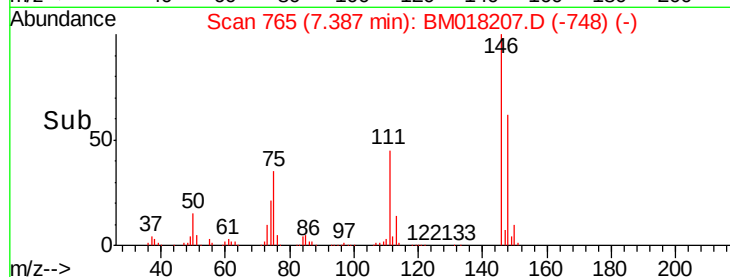
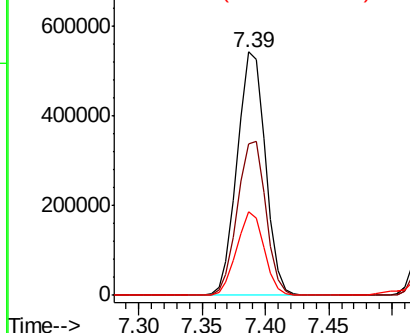


Abundance

Ion 146.00 (145.70 to 146.70): E

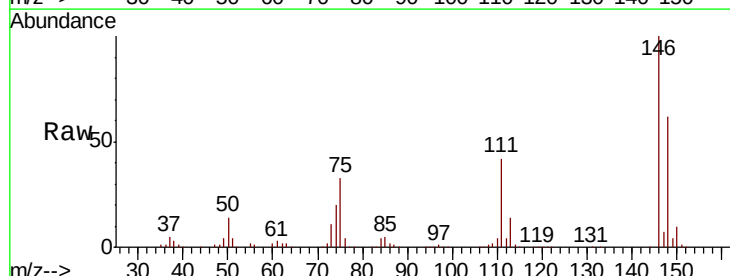
Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BM



#13
 1,4-Dichlorobenzene
 Concen: 79.573 ng
 RT: 7.54 min Scan# 791
 Delta R.T. 0.01 min
 Lab File: BM018207.D
 Acq: 15 Dec 2018 16:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.4	50.7	76.1
111	41.6	34.2	51.2

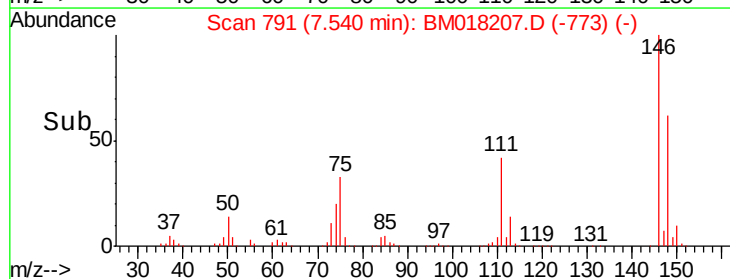
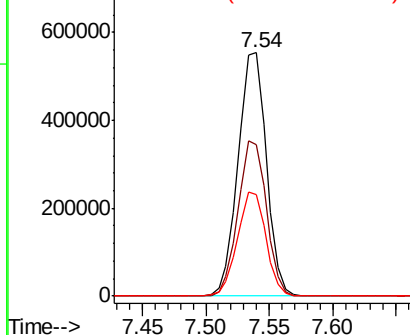


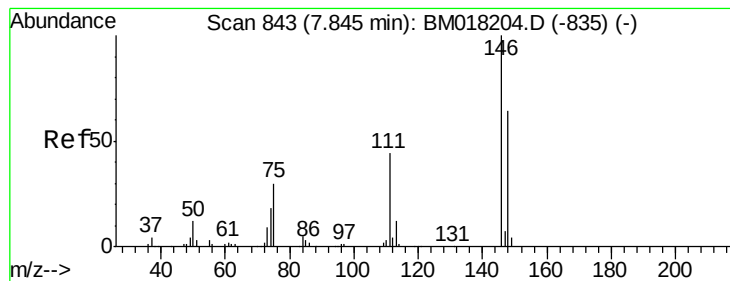
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





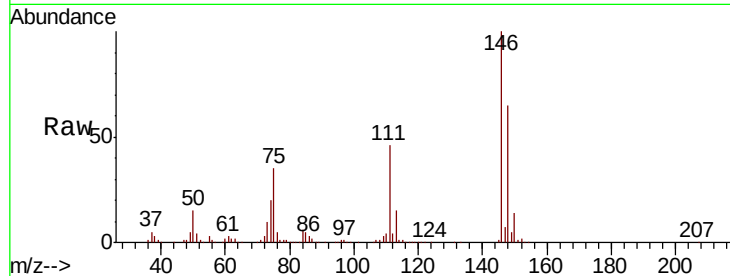
#14
1,2-Dichlorobenzene
Concen: 78.862 ng
RT: 7.85 min Scan# 843
Delta R.T. -0.00 min
Lab File: BM018207.D
Acq: 15 Dec 2018 16:29

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.3	76.9
111	45.5	35.8	53.8

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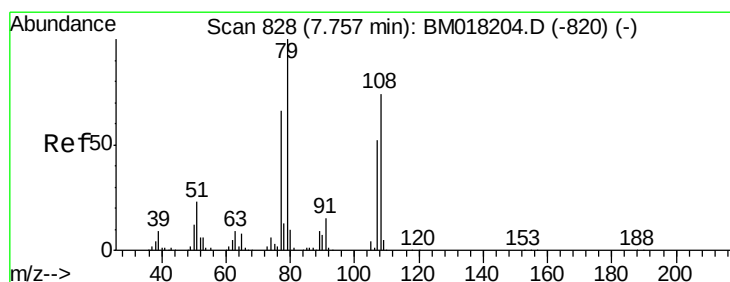
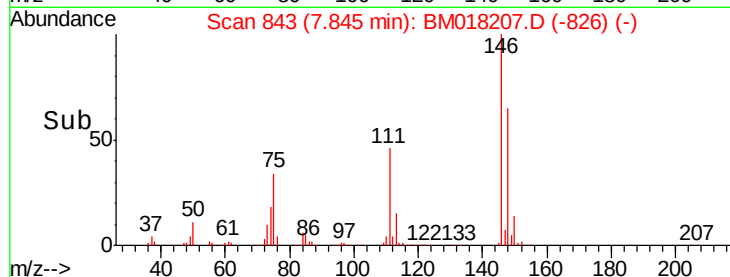
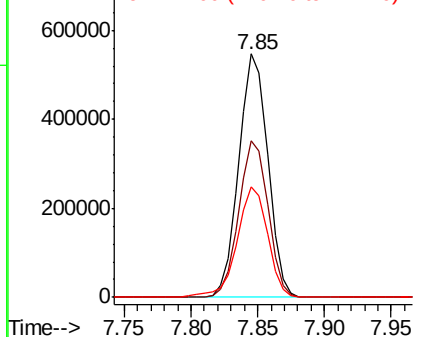


Abundance

Ion 146.00 (145.70 to 146.70): E

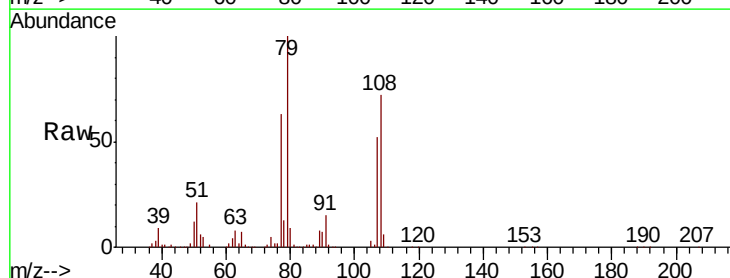
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15
Benzyl Alcohol
Concen: 85.679 ng
RT: 7.76 min Scan# 829
Delta R.T. 0.01 min
Lab File: BM018207.D
Acq: 15 Dec 2018 16:29

Tgt Ion	Ratio	Lower	Upper
79	100		
108	72.4	59.3	88.9
77	62.7	53.0	79.4

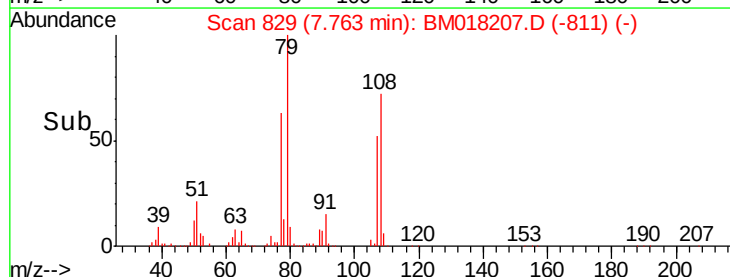
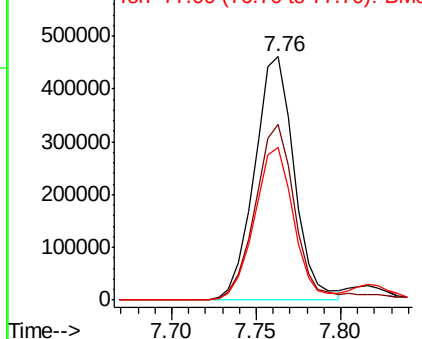


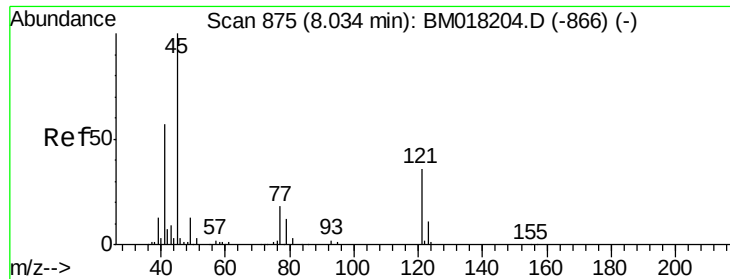
Abundance

Ion 79.00 (78.70 to 79.70): BM0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0





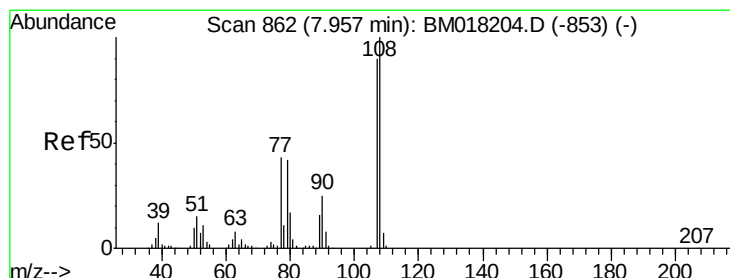
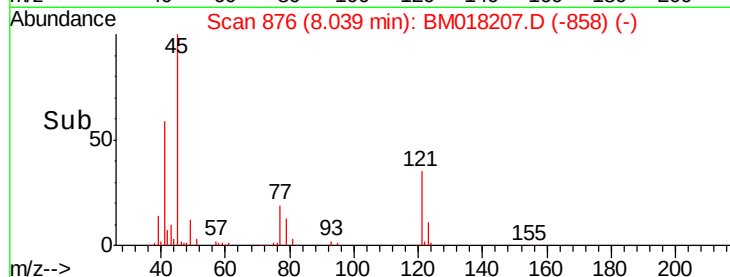
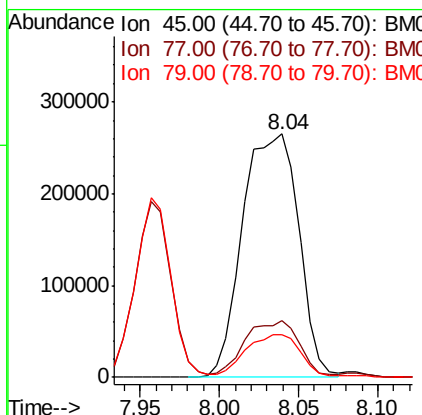
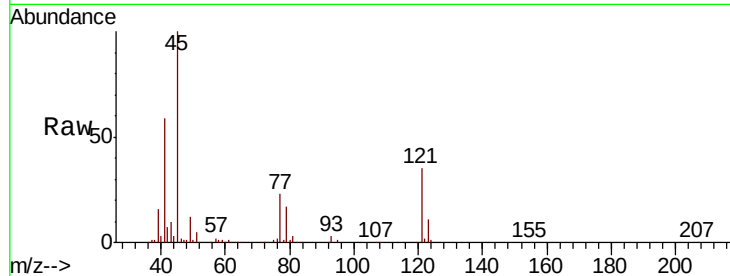
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 49.922 ng
RT: 8.04 min Scan# 876
Delta R.T. 0.01 min
Lab File: BM018207.D
Acq: 15 Dec 2018 16:29

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
45	100		
77	23.1	2.5	42.5
79	17.4	0.0	37.2

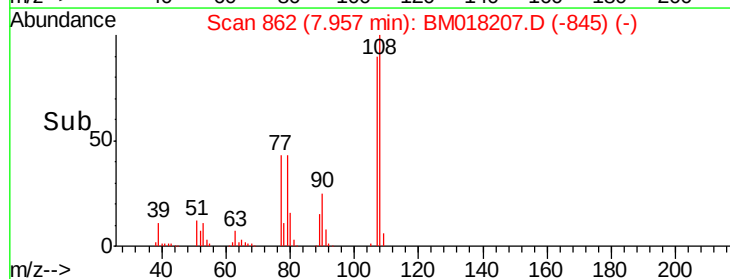
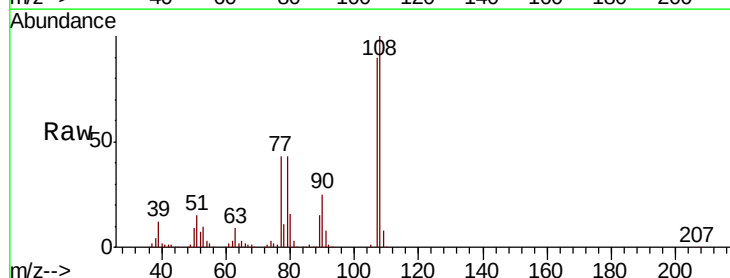
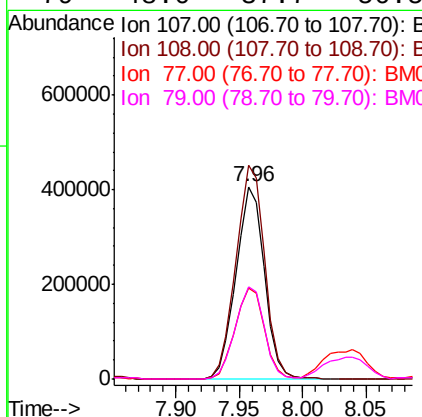
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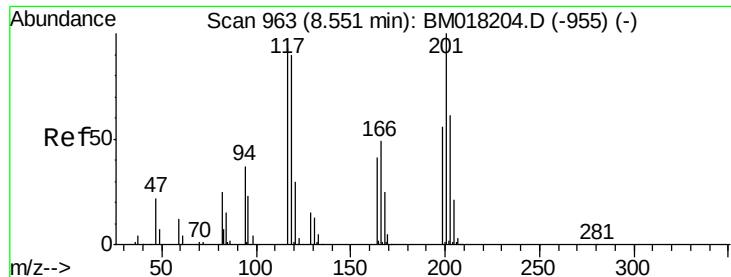
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#17
2-Methylphenol
Concen: 81.510 ng
RT: 7.96 min Scan# 862
Delta R.T. -0.00 min
Lab File: BM018207.D
Acq: 15 Dec 2018 16:29

Tgt Ion	Ratio	Lower	Upper
107	100		
108	111.1	89.3	133.9
77	47.2	38.2	57.4
79	48.0	37.7	56.5





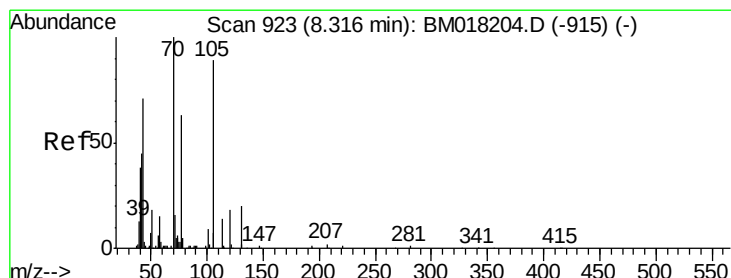
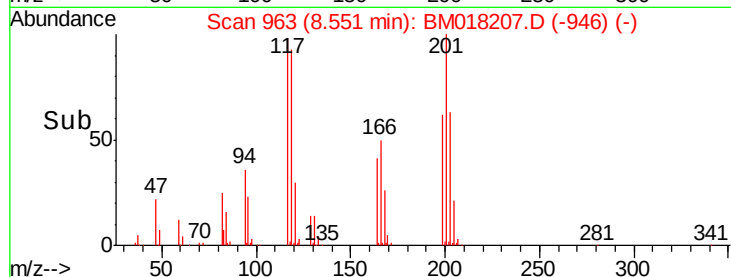
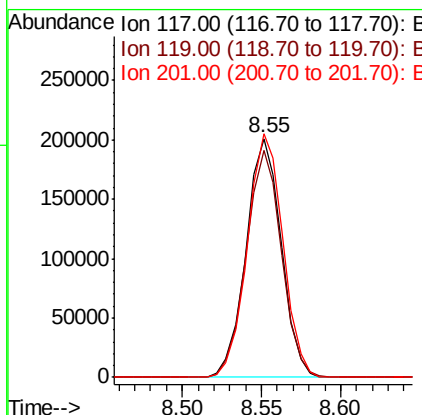
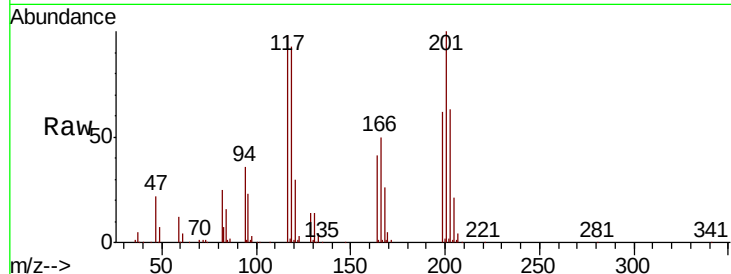
#18
Hexachloroethane
Concen: 81.192 ng
RT: 8.55 min Scan# 963
Delta R.T. -0.00 min
Lab File: BM018207.D
Acq: 15 Dec 2018 16:29

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
117	100		
119	95.1	77.0	115.4
201	101.9	85.7	128.5

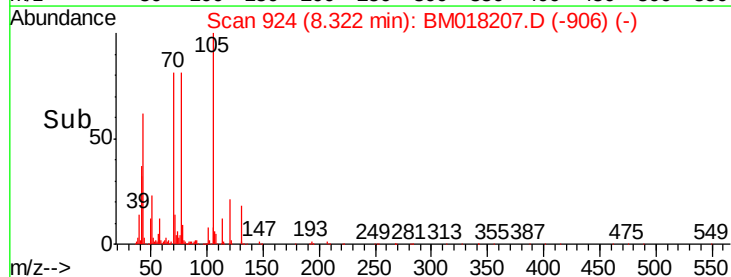
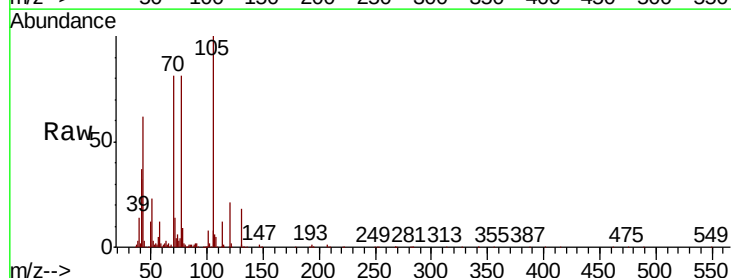
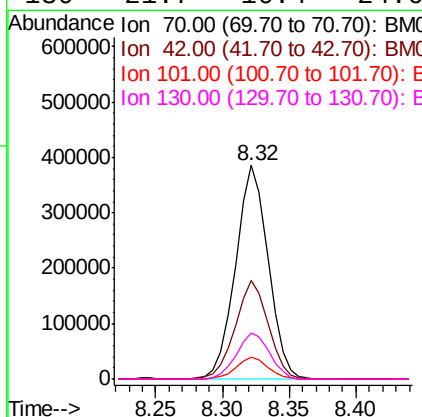
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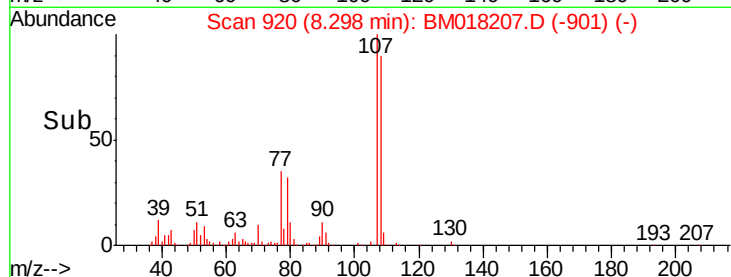
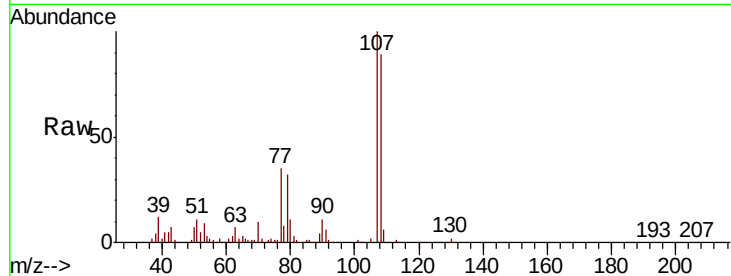
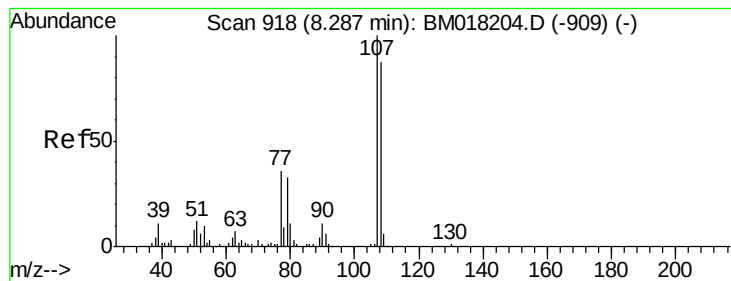
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12/17/2018 4:19:46 PM



#19
n-Nitroso-di-n-propylamine
Concen: 81.976 ng
RT: 8.32 min Scan# 924
Delta R.T. 0.01 min
Lab File: BM018207.D
Acq: 15 Dec 2018 16:29

Tgt Ion	Ratio	Lower	Upper
70	100		
42	45.9	36.2	54.2
101	10.0	7.5	11.3
130	21.7	16.4	24.6





#20

3+4-Methylphenols

Concen: 82.817 ng

RT: 8.30 min Scan# 920

Delta R.T. 0.01 min

Lab File: BM018207.D

Acq: 15 Dec 2018 16:29

Tot Ion	Ratio	Resp	Lower	Upper
107	100	896252		
108	89.5	67.4	107.4	
77	35.5	15.7	55.7	
79	31.6	13.3	53.3	

Instrument :

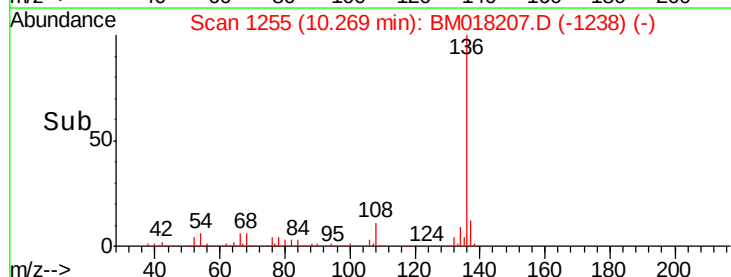
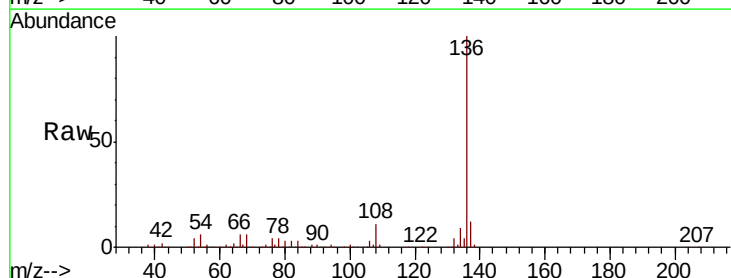
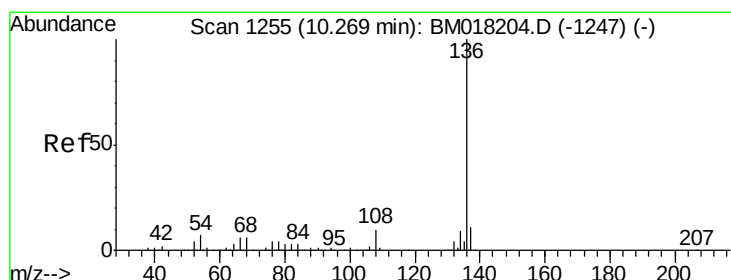
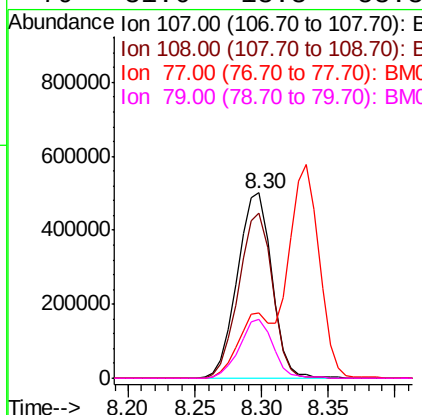
BNA_M

ClientSampleId :

SSTDIC080

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12/17/2018 4:19:46 PM



#21

Naphthalene-d8

Concen: 20.000 ng

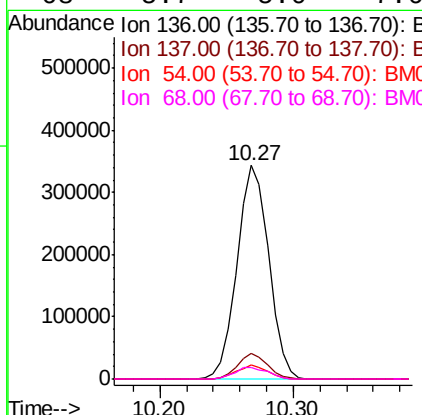
RT: 10.27 min Scan# 1255

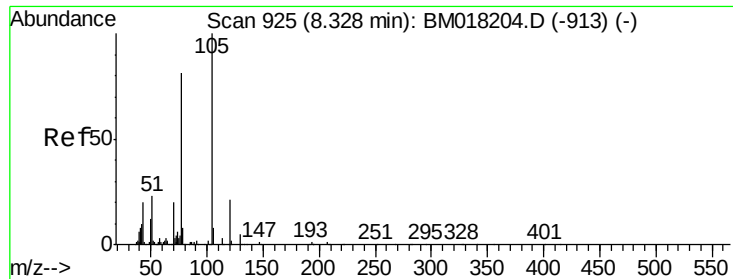
Delta R.T. -0.00 min

Lab File: BM018207.D

Acq: 15 Dec 2018 16:29

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	563559		
137	11.7	9.2	13.8	
54	6.3	5.2	7.8	
68	5.7	5.0	7.6	





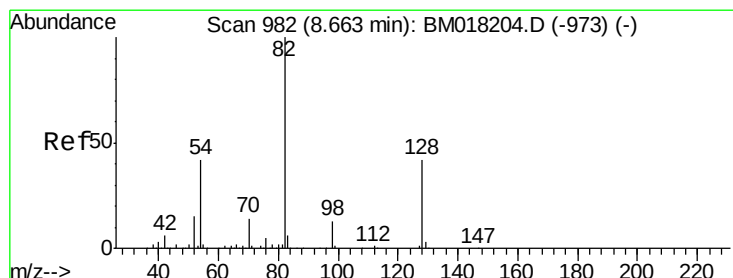
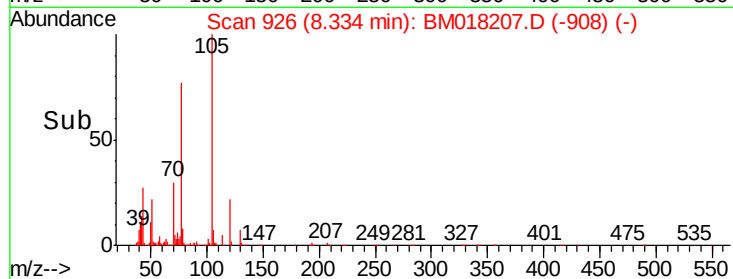
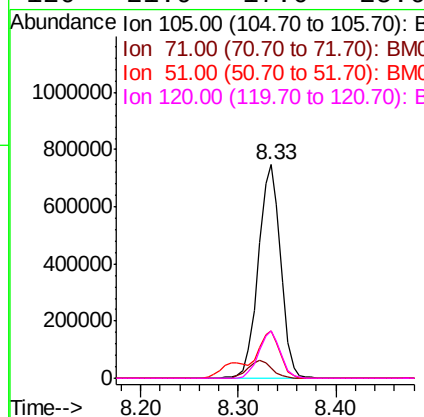
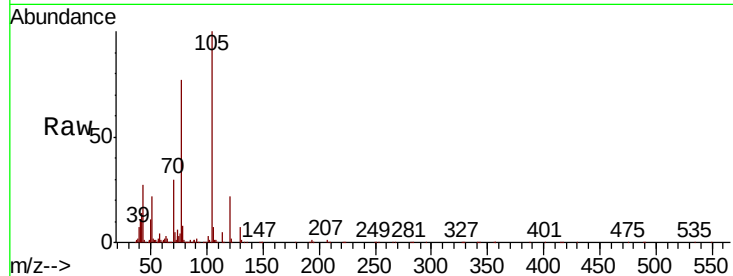
#22
Acetophenone
Concen: 85.564 ng
RT: 8.33 min Scan# 926
Delta R.T. 0.01 min
Lab File: BM018207.D
Acq: 15 Dec 2018 16:29

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
105	100		
71	5.0	2.6	4.0#
51	22.0	18.3	27.5
120	21.9	17.0	25.6

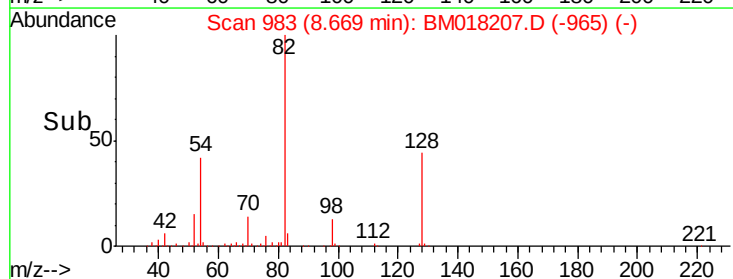
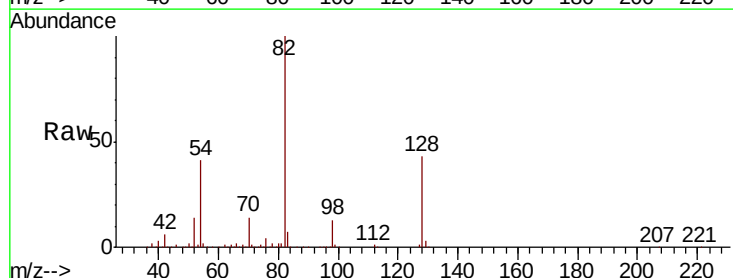
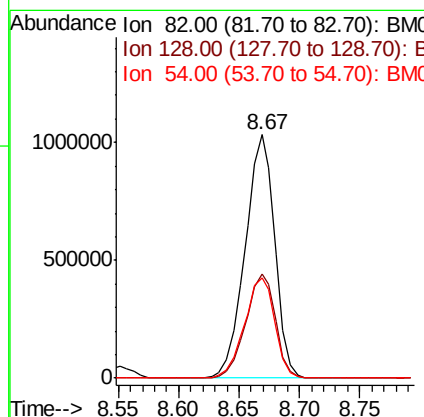
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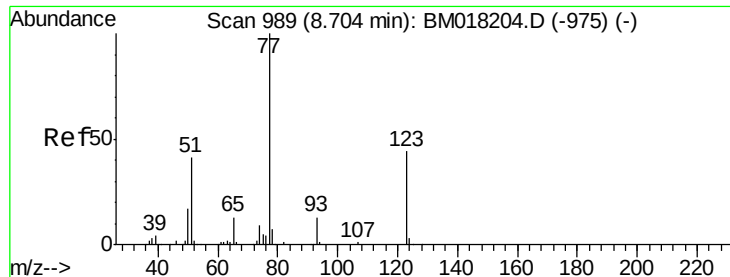
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#23
Nitrobenzene-d5
Concen: 161.730 ng
RT: 8.67 min Scan# 983
Delta R.T. 0.01 min
Lab File: BM018207.D
Acq: 15 Dec 2018 16:29

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.8	33.4	50.2
54	41.2	33.4	50.2





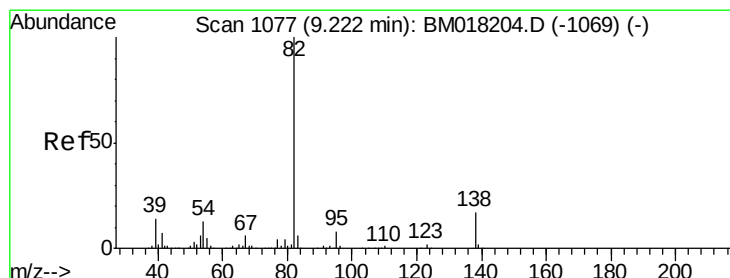
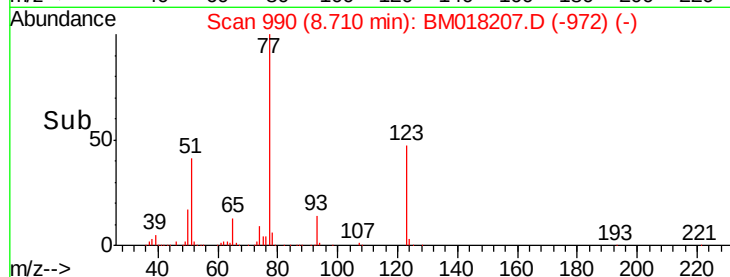
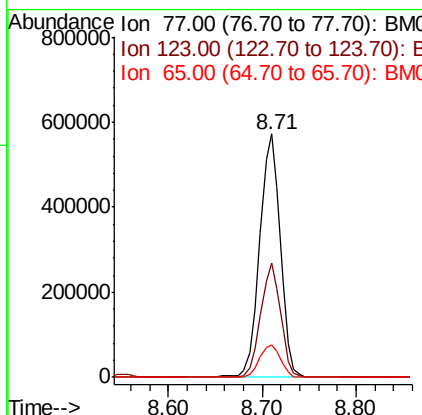
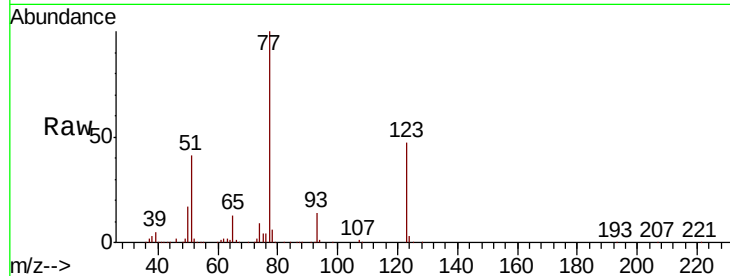
#24
Nitrobenzene
Concen: 78.682 ng
RT: 8.71 min Scan# 990
Delta R.T. 0.01 min
Lab File: BM018207.D
Acq: 15 Dec 2018 16:29

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
77	100		
123	46.9	35.4	53.2
65	13.2	10.6	15.8

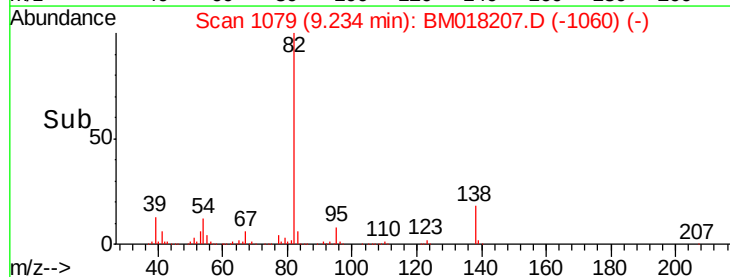
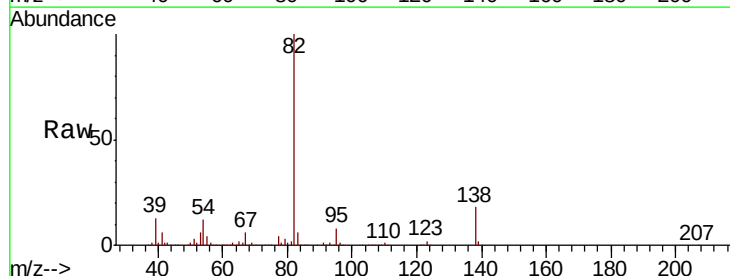
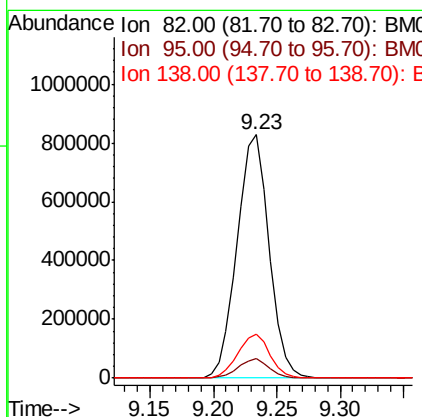
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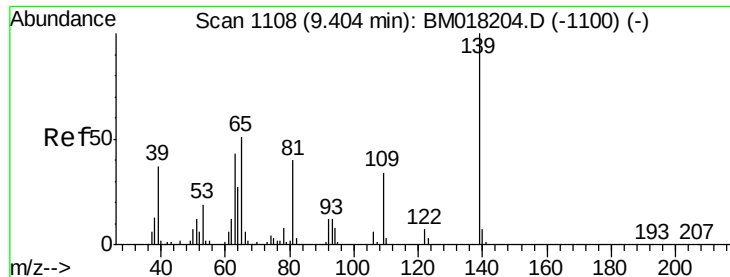
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#25
Isophorone
Concen: 85.467 ng
RT: 9.23 min Scan# 1079
Delta R.T. 0.01 min
Lab File: BM018207.D
Acq: 15 Dec 2018 16:29

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.9	6.4	9.6
138	18.3	13.9	20.9





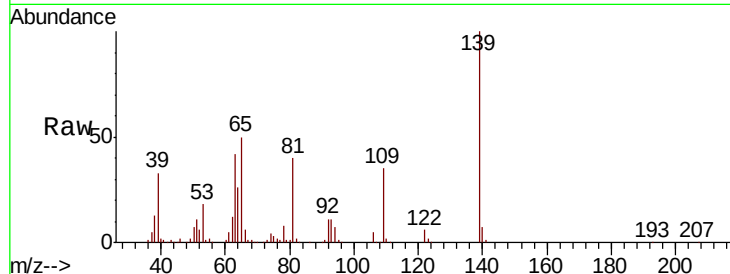
#26
2-Nitrophenol
Concen: 90.202 ng
RT: 9.40 min Scan# 1108
Delta R.T. -0.00 min
Lab File: BM018207.D
Acq: 15 Dec 2018 16:29

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
139	100	459386		
109	34.7	27.4	41.0	
65	50.5	41.0	61.4	

Manual Integrations
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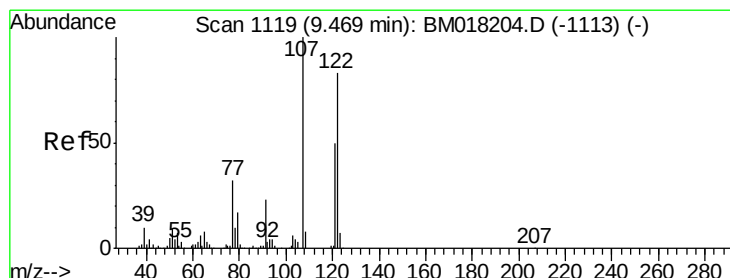
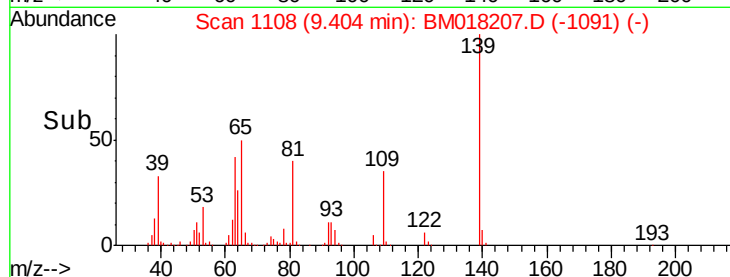
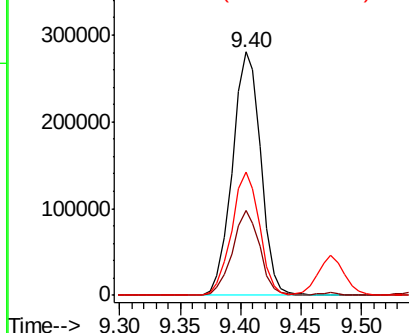


Abundance

Ion 139.00 (138.70 to 139.70): E

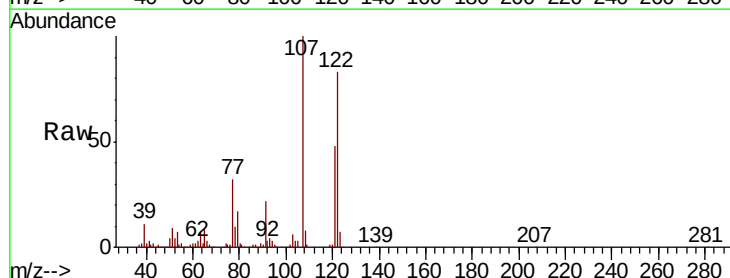
Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): B



#27
2,4-Dimethylphenol
Concen: 87.323 ng
RT: 9.47 min Scan# 1120
Delta R.T. 0.01 min
Lab File: BM018207.D
Acq: 15 Dec 2018 16:29

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	641423		
107	120.4	96.5	144.7	
121	58.0	48.2	72.4	

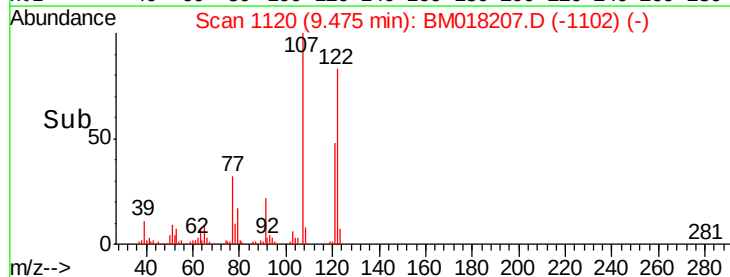
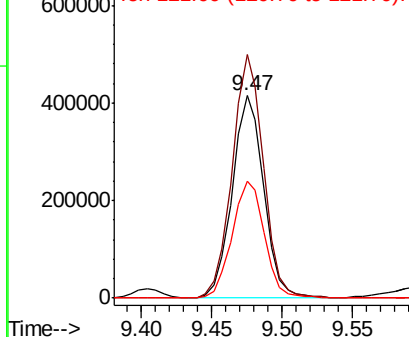


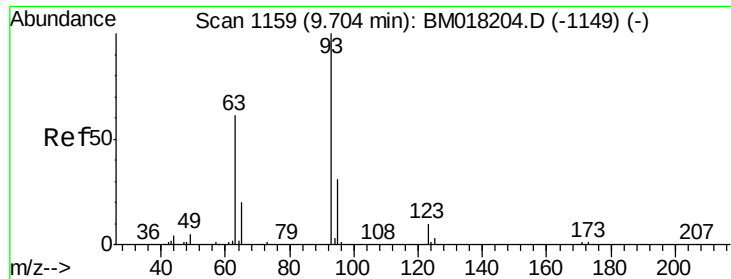
Abundance

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





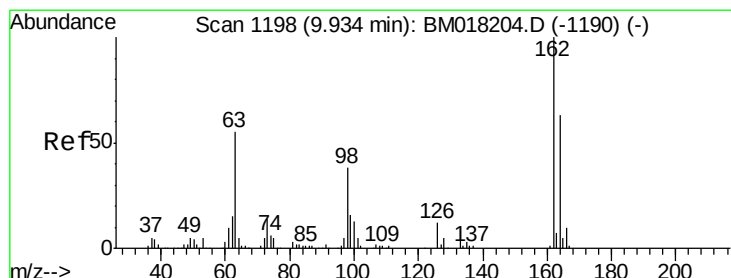
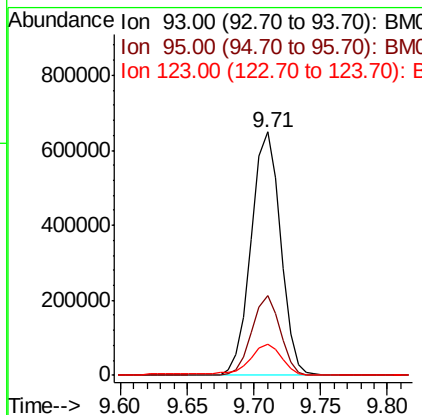
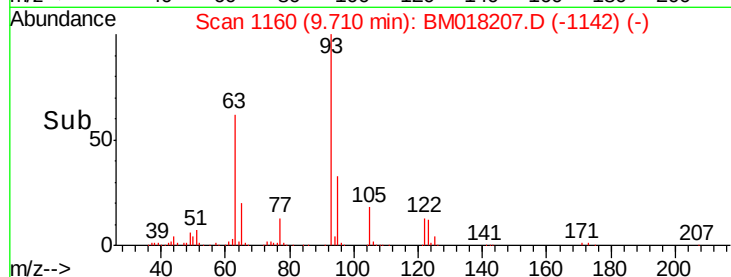
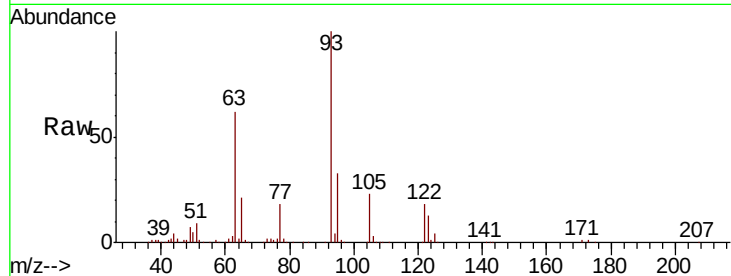
#28
bis(2-Chloroethoxy)methane
Concen: 86.250 ng
RT: 9.71 min Scan# 1160
Delta R.T. 0.01 min
Lab File: BM018207.D
Acq: 15 Dec 2018 16:29

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
95	32.8	25.3	37.9	
123	12.5	9.3	13.9	

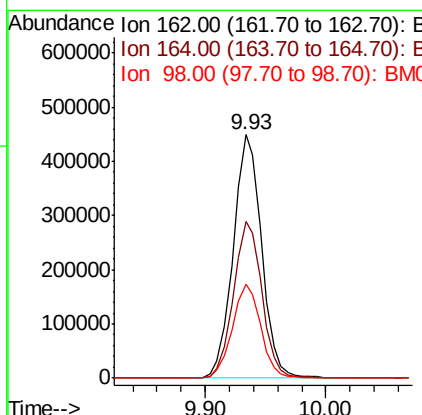
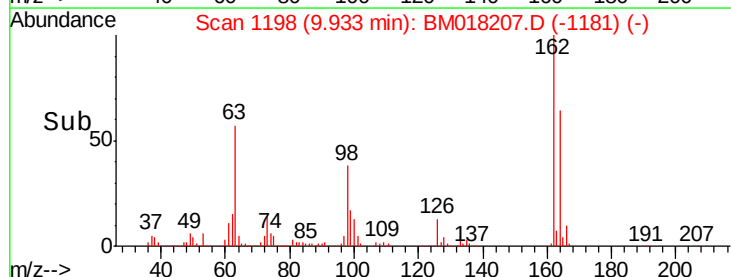
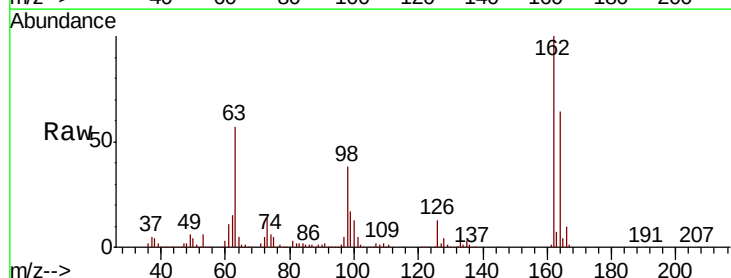
Manual Integrations
APPROVED

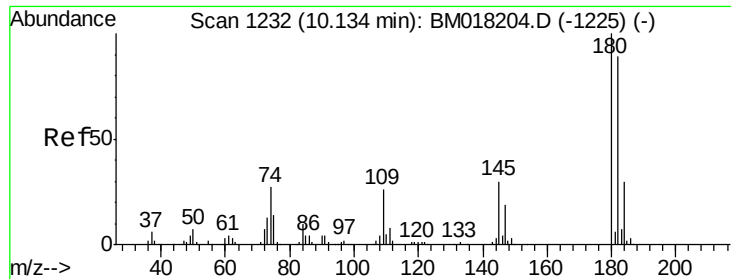
Sohil
12/17/2018 4:19:46 PM



#29
2,4-Dichlorophenol
Concen: 86.726 ng
RT: 9.93 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BM018207.D
Acq: 15 Dec 2018 16:29

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
164	64.1	43.0	83.0	
98	38.5	18.3	58.3	





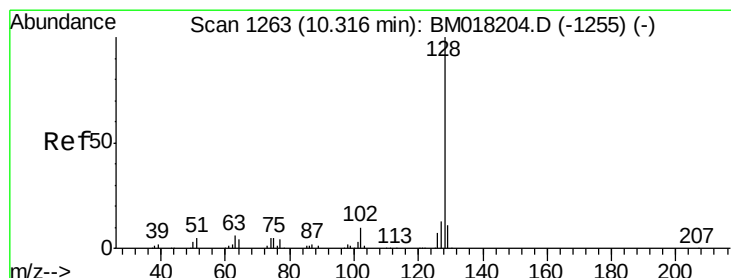
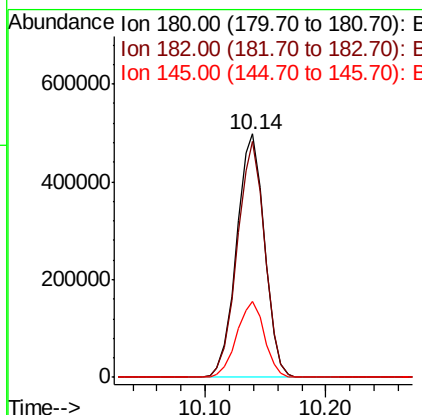
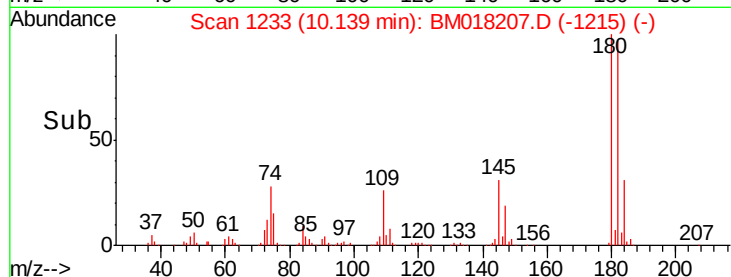
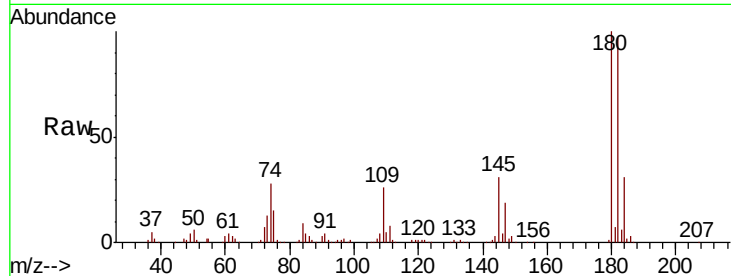
#30
1,2,4-Trichlorobenzene
Concen: 81.612 ng
RT: 10.14 min Scan# 1233
Delta R.T. 0.01 min
Lab File: BM018207.D
Acq: 15 Dec 2018 16:29

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.9	71.4	107.2
145	31.4	24.4	36.6

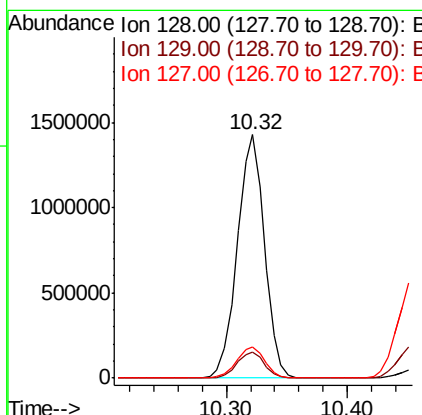
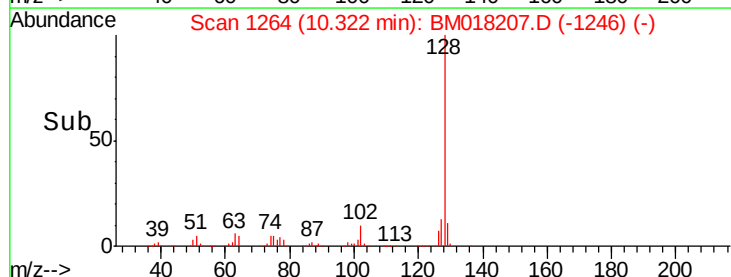
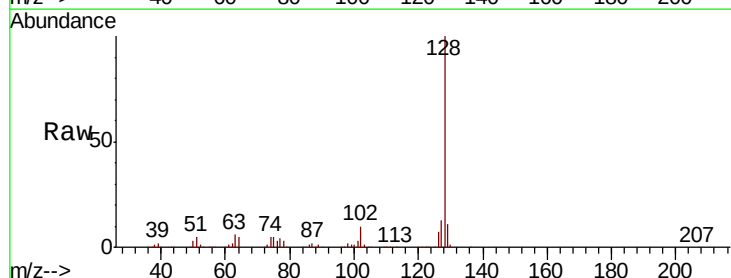
Manual Integrations
APPROVED

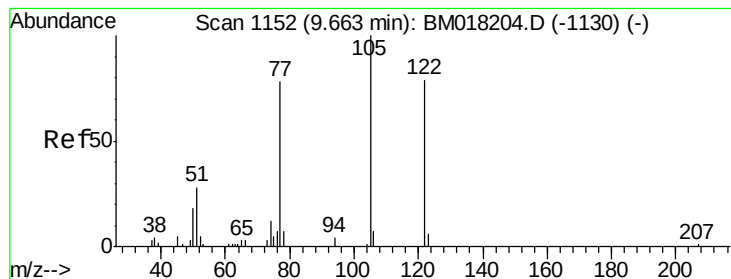
Sohil
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#31
Naphthalene
Concen: 81.379 ng
RT: 10.32 min Scan# 1264
Delta R.T. 0.01 min
Lab File: BM018207.D
Acq: 15 Dec 2018 16:29

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.9	13.3
127	12.6	10.4	15.6





#32

Benzoic acid

Concen: 94.109 ng/mL

RT: 9.72 min Scan# 1161

Delta R.T. 0.05 min

Lab File: BM018207.D

Acq: 15 Dec 2018 16:29

Instrument :

BNA_M

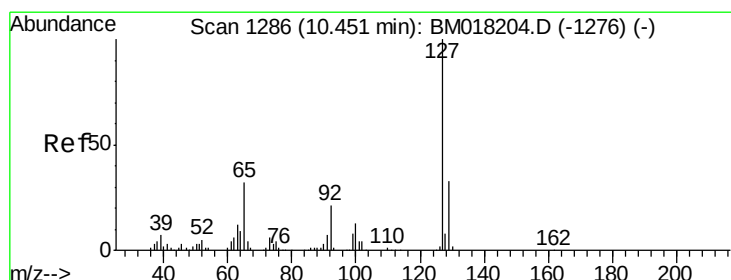
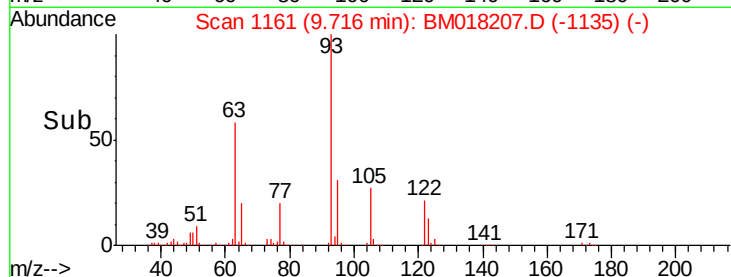
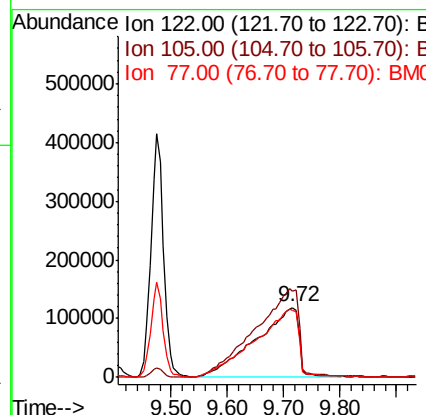
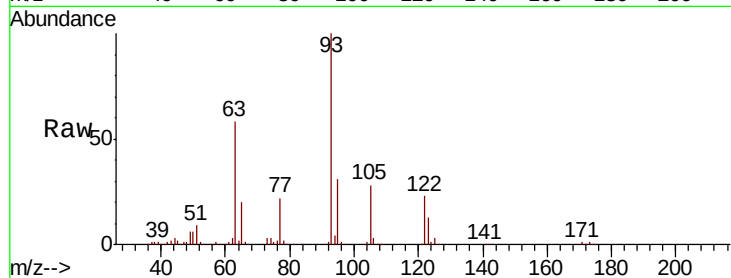
ClientSampleId :

SSTDIC080

Tot Ion:	122	Resp:	631188
Ion Ratio	Lower	Upper	
122	100		
105	124.4	104.8	144.8
77	96.0	77.7	117.7

Manual Integrations
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#33

4-Chloroaniline

Concen: 83.228 ng/mL

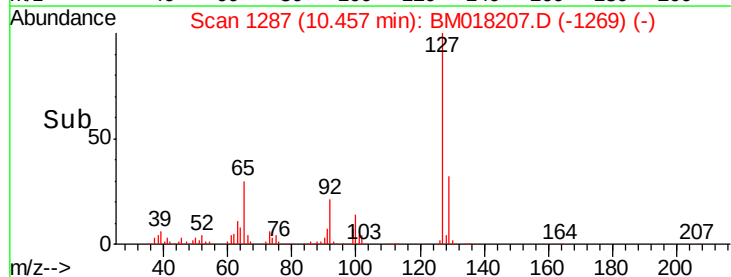
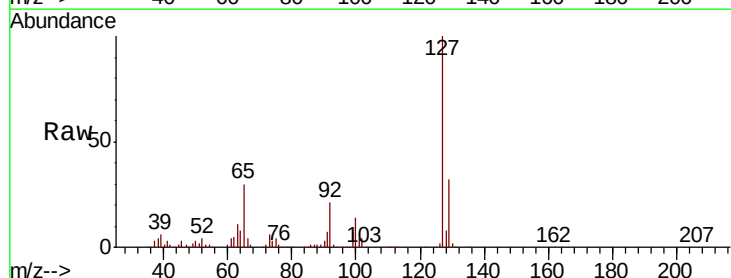
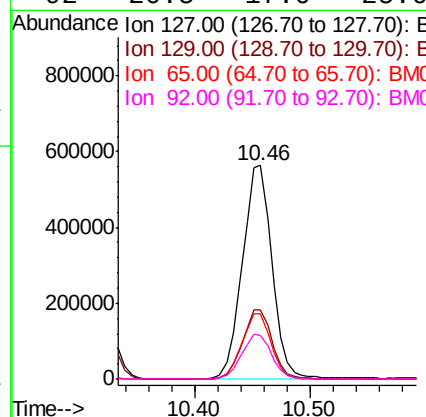
RT: 10.46 min Scan# 1287

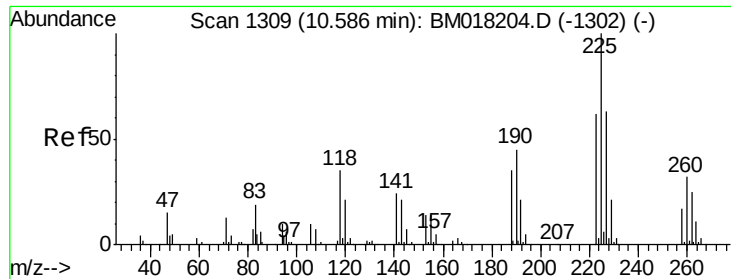
Delta R.T. 0.01 min

Lab File: BM018207.D

Acq: 15 Dec 2018 16:29

Tgt Ion:	127	Resp:	1001714
Ion Ratio	Lower	Upper	
127	100		
129	32.3	26.4	39.6
65	30.3	25.6	38.4
92	20.5	17.0	25.6





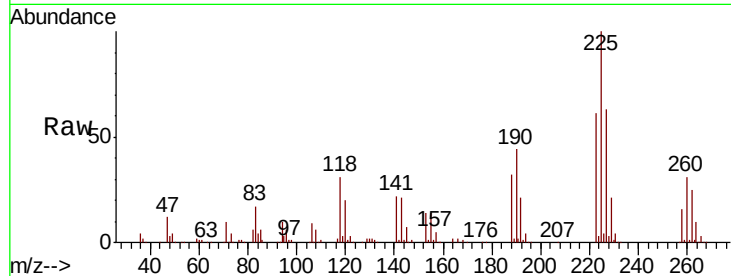
#34
Hexachlorobutadiene
Concen: 81.620 ng
RT: 10.59 min Scan# 1310
Delta R.T. 0.01 min
Lab File: BM018207.D
Acq: 15 Dec 2018 16:29

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
225	100	500451		
223	61.1	49.8	74.6	
227	62.6	50.2	75.4	

Manual Integrations
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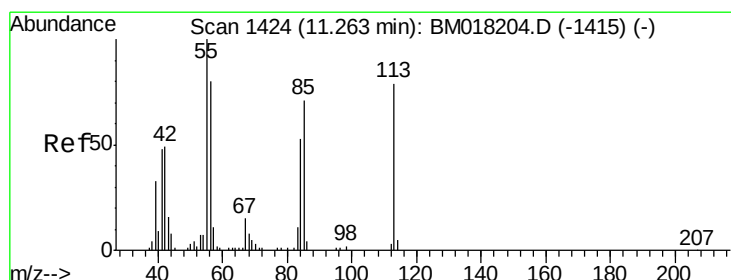
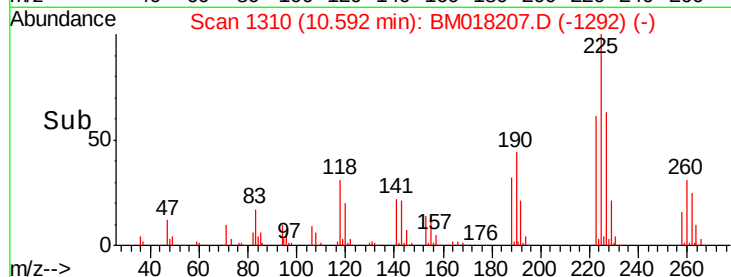
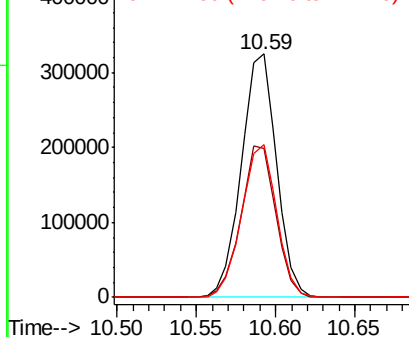


Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35
Caprolactam
Concen: 86.885 ng m
RT: 11.30 min Scan# 1431
Delta R.T. 0.04 min
Lab File: BM018207.D
Acq: 15 Dec 2018 16:29

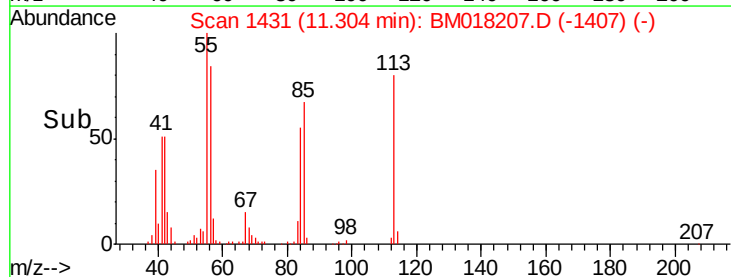
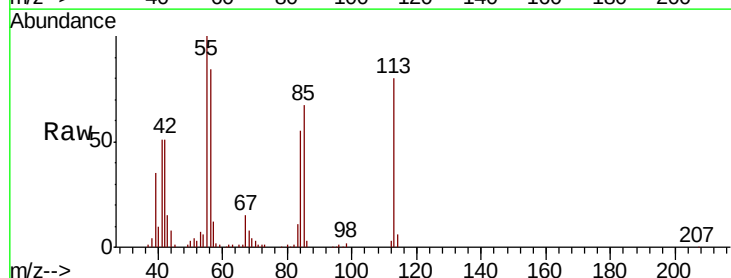
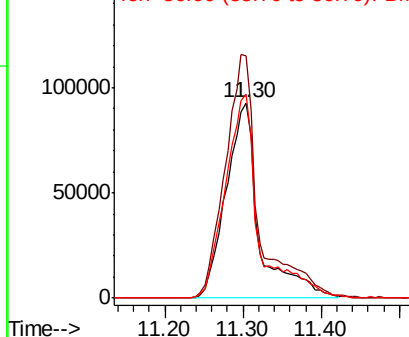
Tgt Ion	Ratio	Resp	Lower	Upper
113	100	274575		
55	124.2	105.9	145.9	
56	104.5	80.1	120.1	

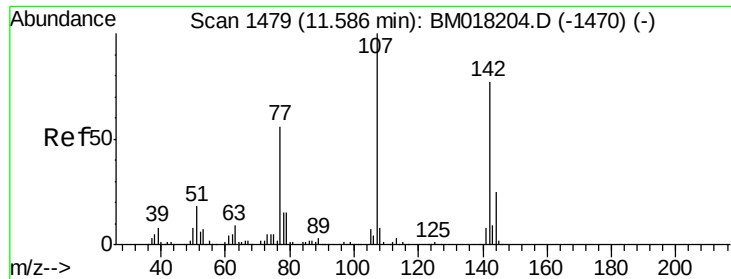
Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM





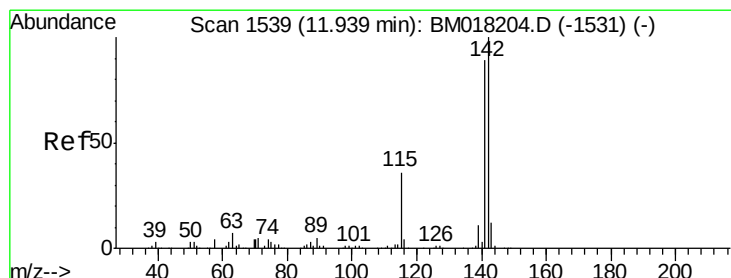
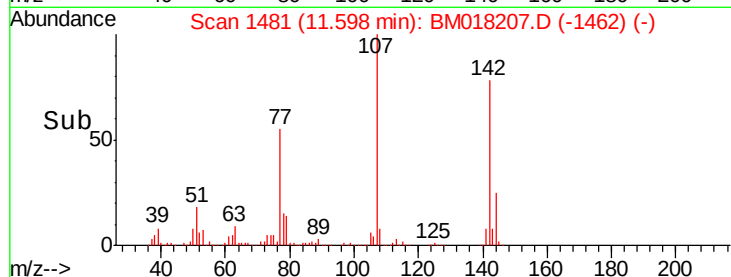
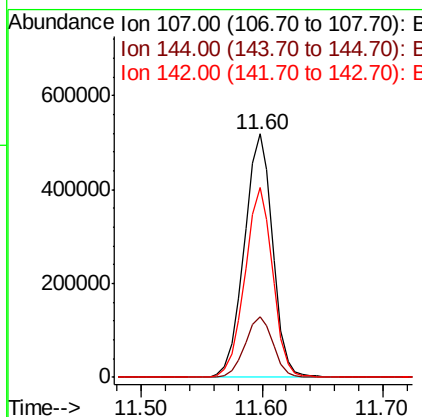
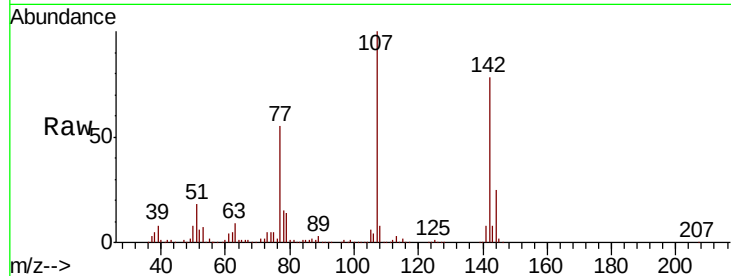
#36
 4-Chloro-3-methylphenol
 Concen: 86.671 ng
 RT: 11.60 min Scan# 1481
 Delta R.T. 0.01 min
 Lab File: BM018207.D
 Acq: 15 Dec 2018 16:29

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
107	100		
144	25.1	20.1	30.1
142	78.1	61.7	92.5

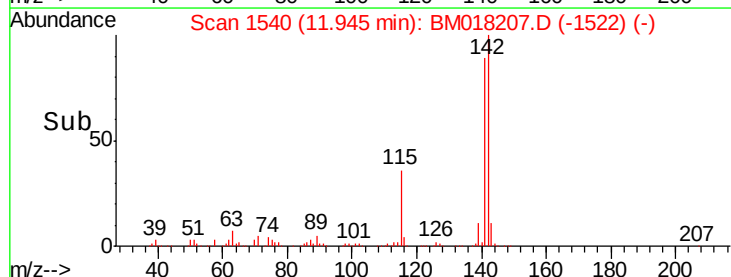
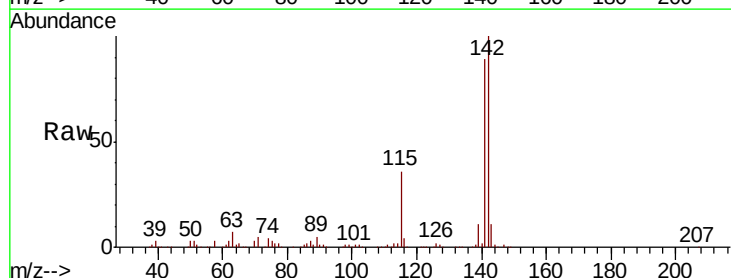
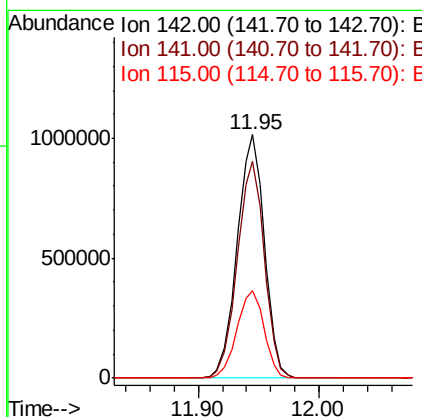
Manual Integrations
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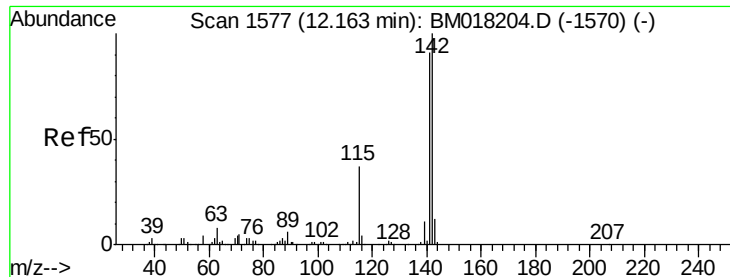
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#37
 2-Methylnaphthalene
 Concen: 82.224 ng
 RT: 11.95 min Scan# 1540
 Delta R.T. 0.01 min
 Lab File: BM018207.D
 Acq: 15 Dec 2018 16:29

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.4	107.2
115	35.9	29.0	43.6





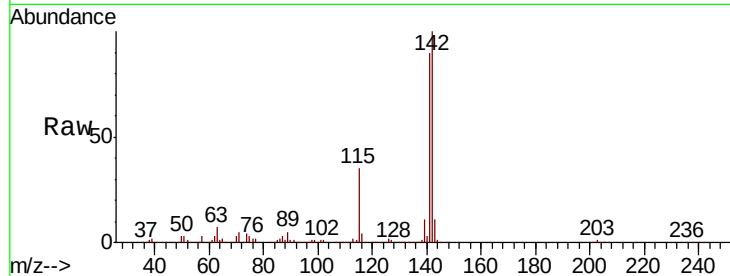
#38
1-Methylnaphthalene
Concen: 80.023 ng
RT: 12.17 min Scan# 1578
Delta R.T. 0.01 min
Lab File: BM018207.D
Acq: 15 Dec 2018 16:29

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	73.0	109.4
116	3.6	3.0	4.6

Manual Integrations
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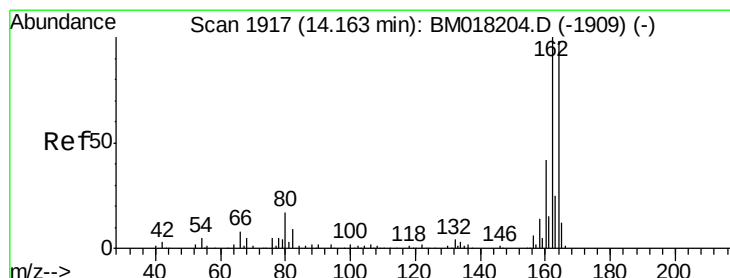
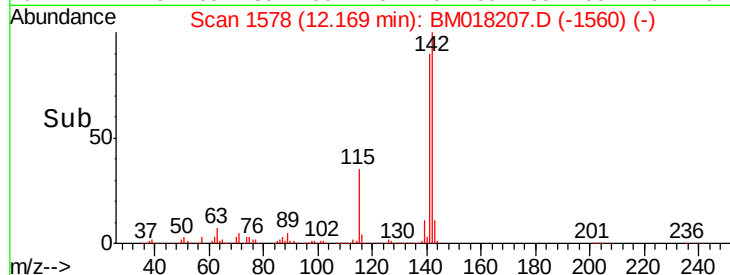
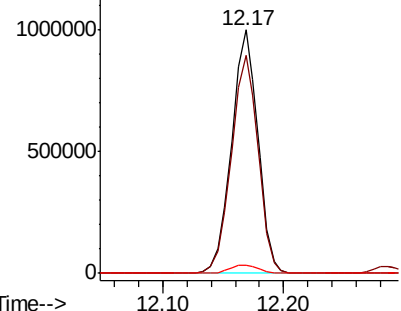


Abundance

Ion 142.00 (141.70 to 142.70): E

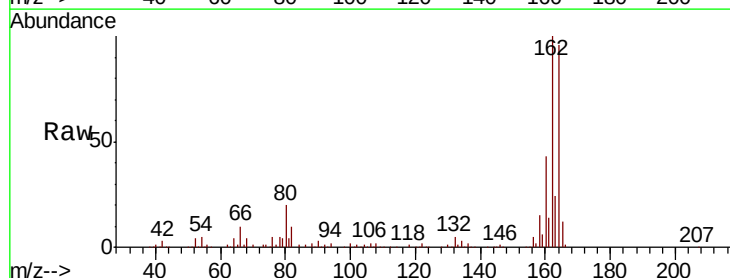
Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.16 min Scan# 1917
Delta R.T. -0.00 min
Lab File: BM018207.D
Acq: 15 Dec 2018 16:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	81.8	122.6
160	44.8	34.6	51.8

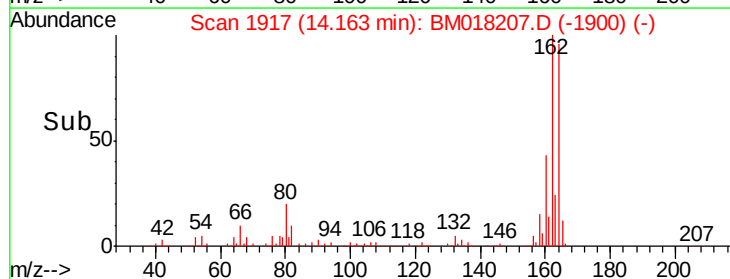
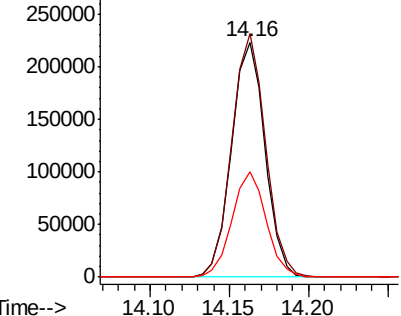


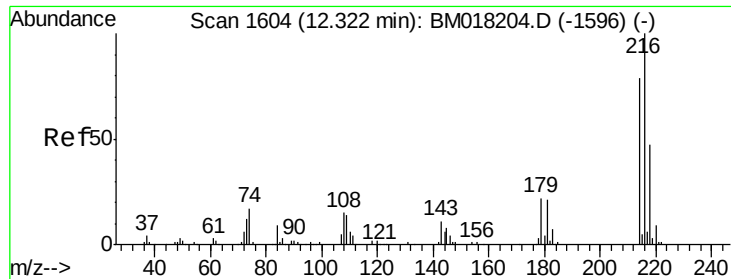
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





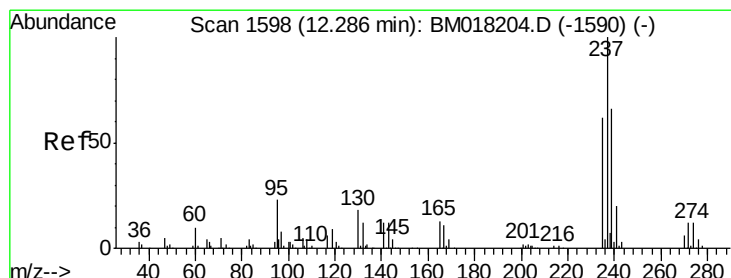
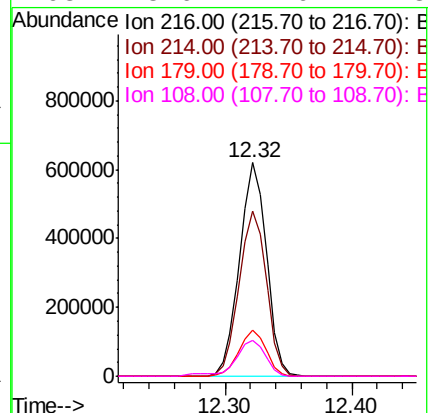
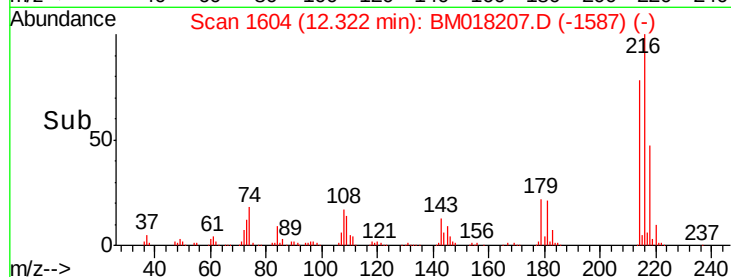
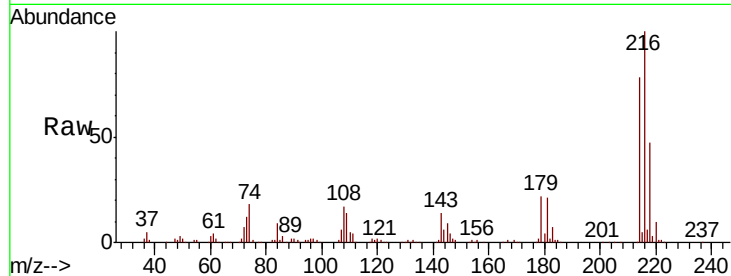
#40
1,2,4,5-Tetrachlorobenzene
Concen: 79.918 ng
RT: 12.32 min Scan# 1604
Delta R.T. -0.00 min
Lab File: BM018207.D
Acq: 15 Dec 2018 16:29

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
216	100	912280		
214	78.7	63.4	95.0	
179	21.6	17.2	25.8	
108	18.6	14.6	21.8	

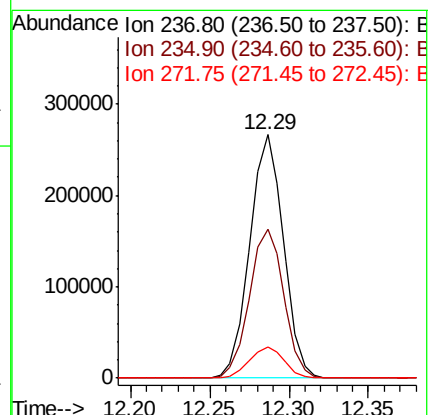
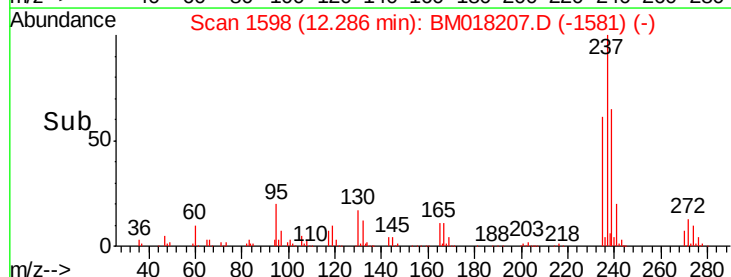
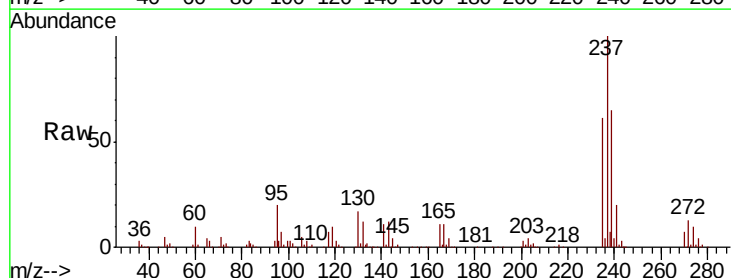
Manual Integrations
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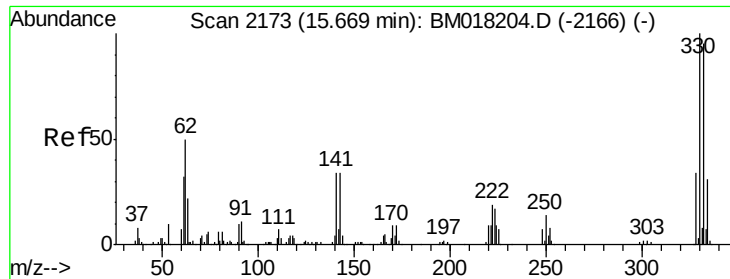
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12/17/2018 4:19:46 PM



#41
Hexachlorocyclopentadiene
Concen: 70.280 ng
RT: 12.29 min Scan# 1598
Delta R.T. -0.00 min
Lab File: BM018207.D
Acq: 15 Dec 2018 16:29

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	394044		
235	61.4	42.1	82.1	
272	13.0	0.0	32.1	





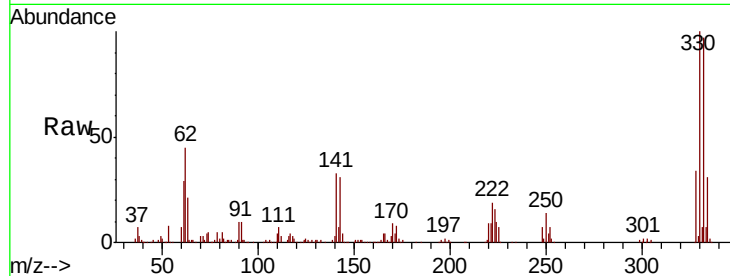
#42
 2,4,6-Tribromophenol
 Concen: 164.785 ng
 RT: 15.67 min Scan# 2174
 Delta R.T. 0.01 min
 Lab File: BM018207.D
 Acq: 15 Dec 2018 16:29

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
330	100	772257		
332	97.3		78.6	118.0
141	33.2		27.1	40.7

Manual Integrations
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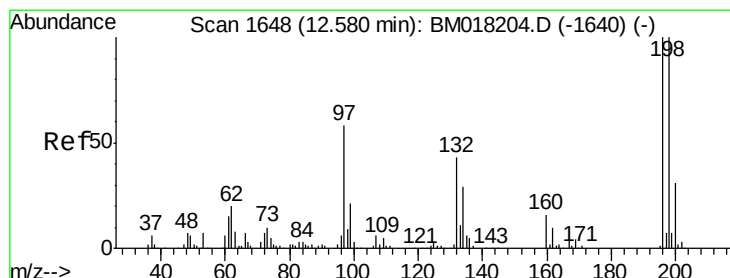
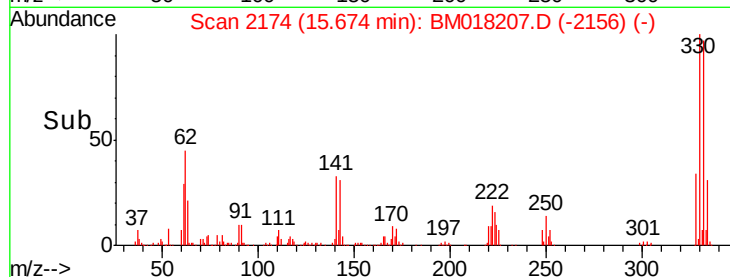
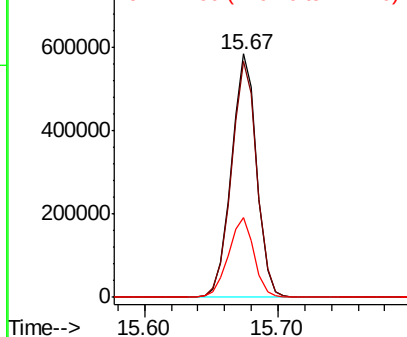


Abundance

Ion 329.80 (329.50 to 330.50): E

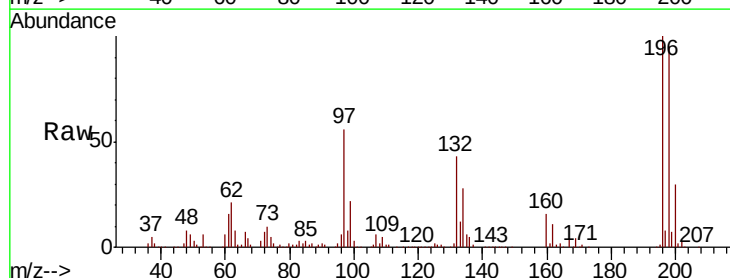
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#43
 2,4,6-Trichlorophenol
 Concen: 83.141 ng
 RT: 12.58 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: BM018207.D
 Acq: 15 Dec 2018 16:29

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	595492		
198	95.3		80.1	120.1
200	30.3		24.9	37.3

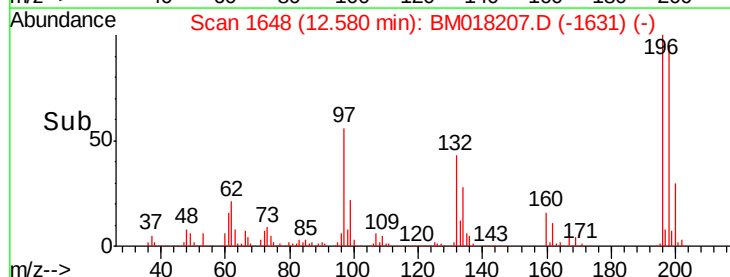
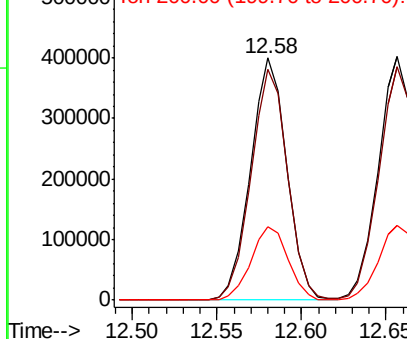


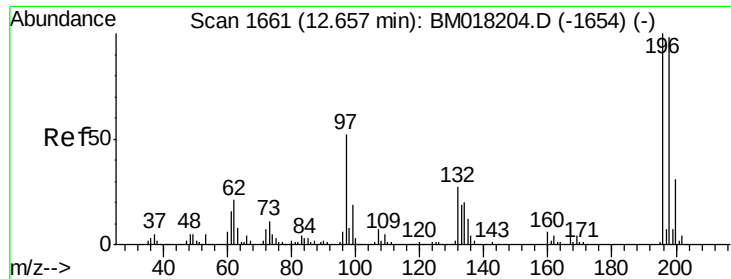
Abundance

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





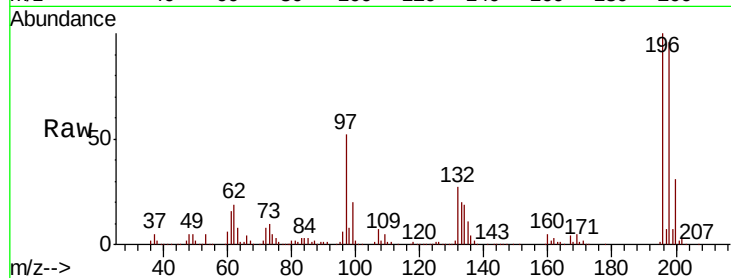
#44
 2,4,5-Trichlorophenol
 Concen: 83.502 ng
 RT: 12.66 min Scan# 1661
 Delta R.T. -0.00 min
 Lab File: BM018207.D
 Acq: 15 Dec 2018 16:29

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tot Ion:	196	Resp:	631639
Ion Ratio	Lower	Upper	
196	100		
198	95.8	78.5	117.7
97	52.4	41.9	62.9
132	27.5	21.7	32.5

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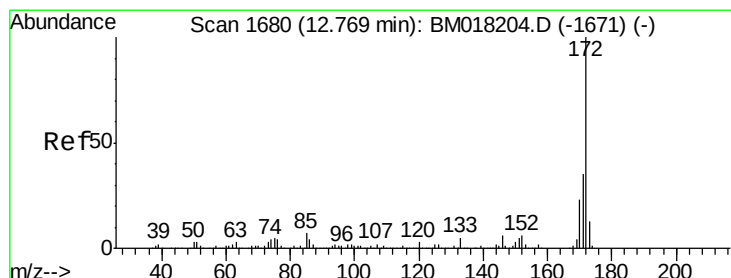
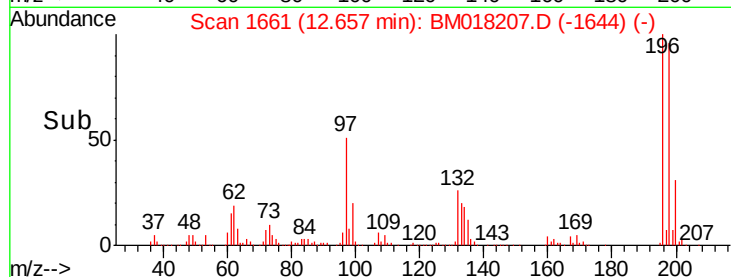
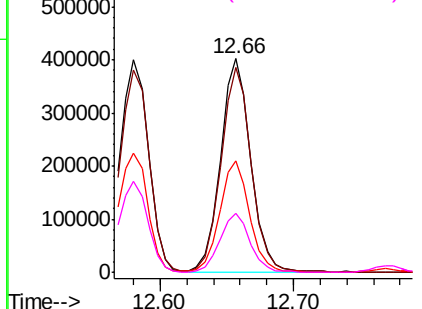
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BM

Ion 132.00 (131.70 to 132.70): E



#45
 2-Fluorobiphenyl
 Concen: 159.877 ng
 RT: 12.77 min Scan# 1680
 Delta R.T. -0.00 min
 Lab File: BM018207.D
 Acq: 15 Dec 2018 16:29

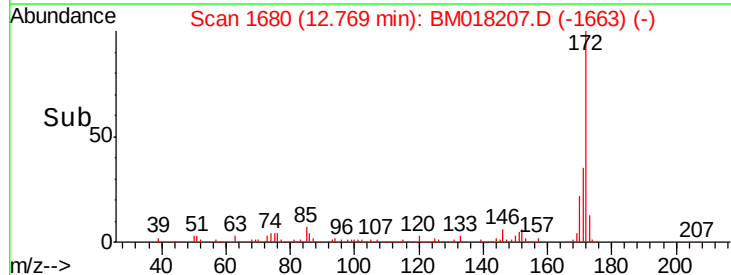
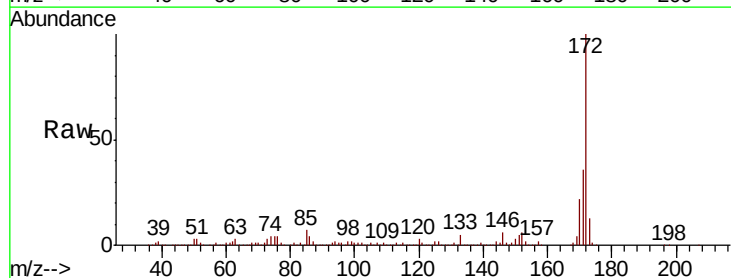
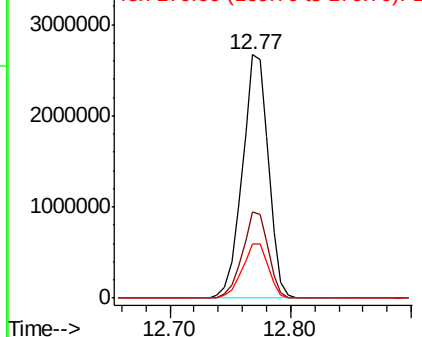
Tgt Ion:	172	Resp:	4010540
Ion Ratio	Lower	Upper	
172	100		
171	35.6	28.3	42.5
170	22.4	18.1	27.1

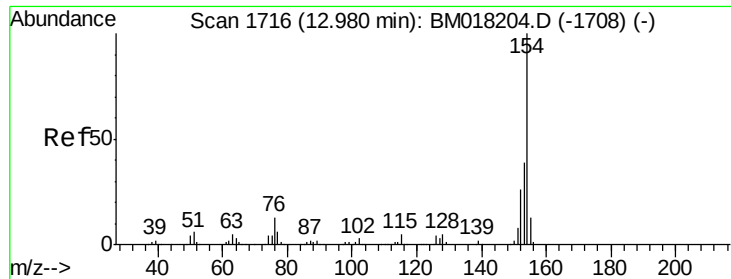
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





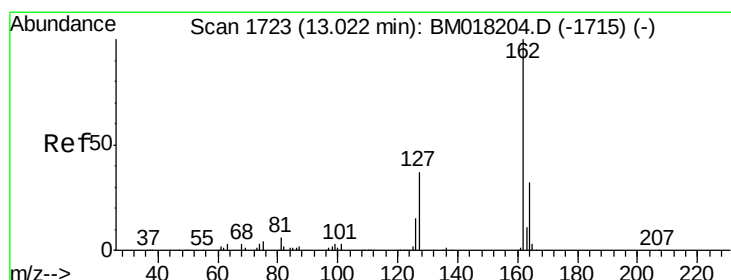
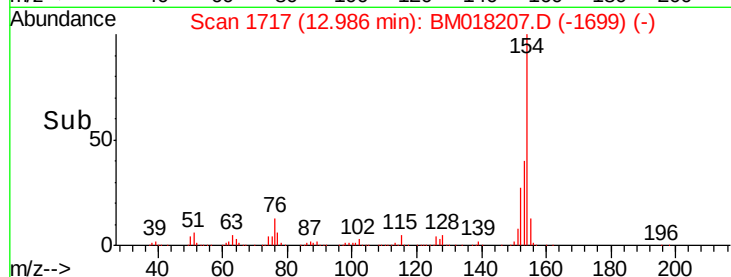
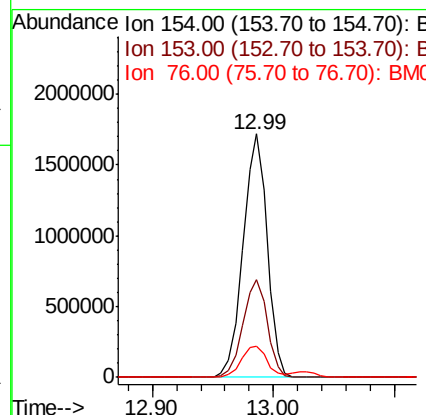
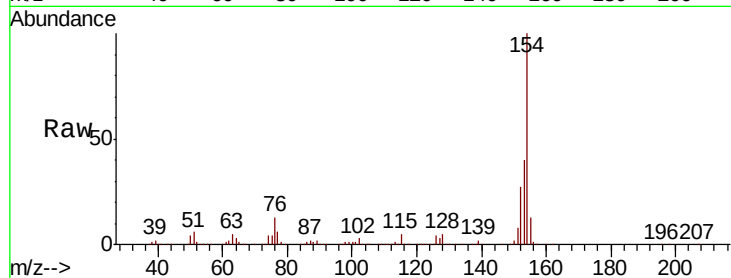
#46
 1,1'-Biphenyl
 Concen: 81.814 ng
 RT: 12.99 min Scan# 1717
 Delta R.T. 0.01 min
 Lab File: BM018207.D
 Acq: 15 Dec 2018 16:29

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.2	19.5	59.5
76	12.8	0.0	33.1

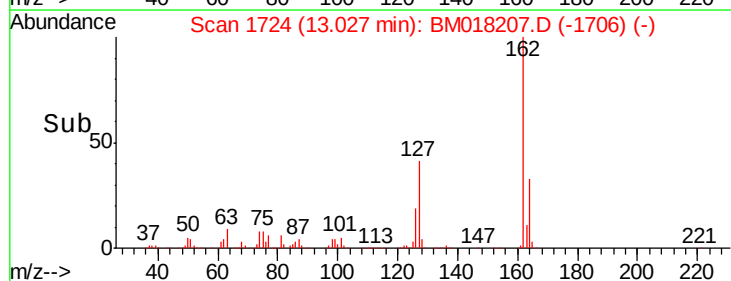
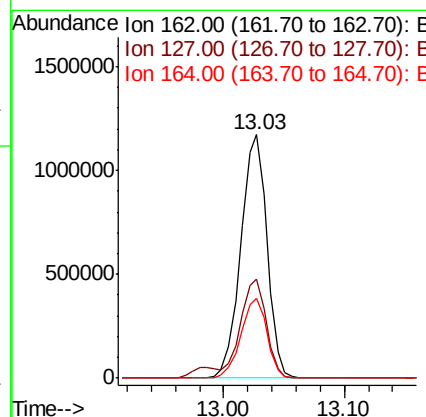
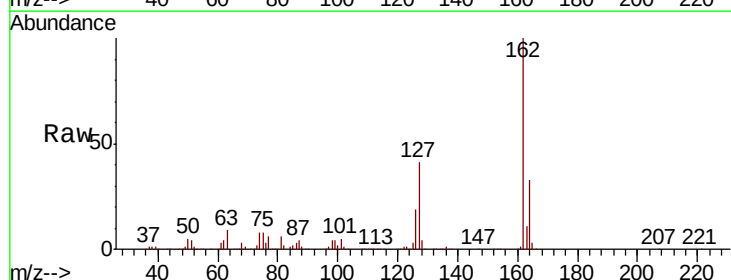
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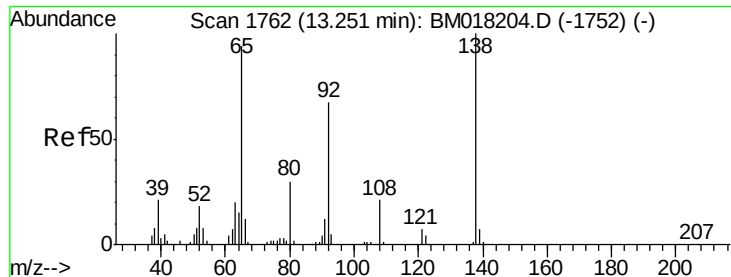
Sohil
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#47
 2-Chloronaphthalene
 Concen: 81.784 ng
 RT: 13.03 min Scan# 1724
 Delta R.T. 0.01 min
 Lab File: BM018207.D
 Acq: 15 Dec 2018 16:29

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.6	31.8	47.8
164	32.6	25.9	38.9





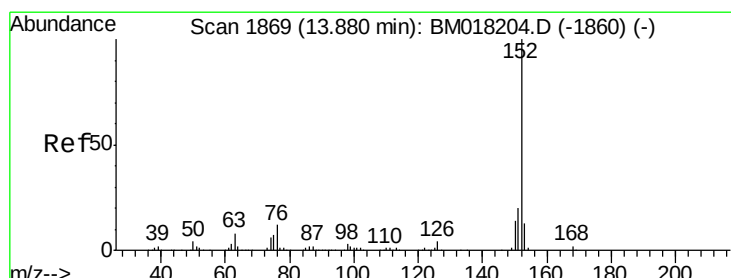
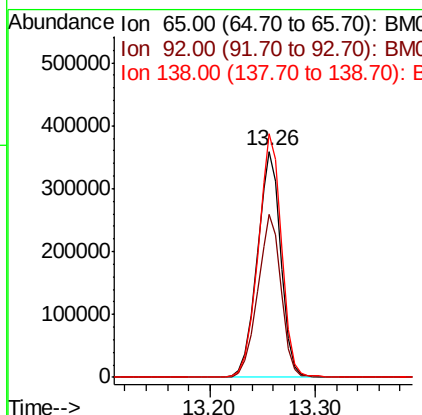
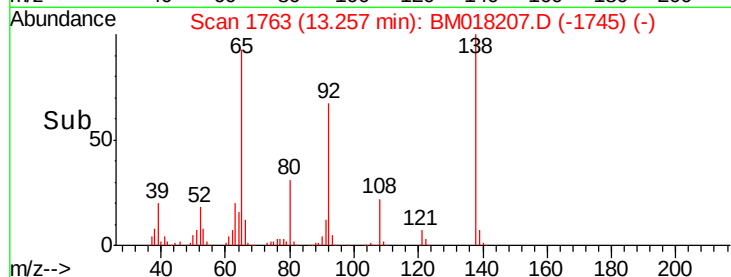
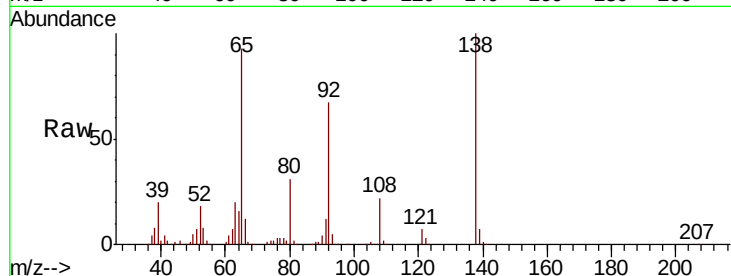
#48
2-Nitroaniline
Concen: 84.104 ng
RT: 13.26 min Scan# 1763
Delta R.T. 0.01 min
Lab File: BM018207.D
Acq: 15 Dec 2018 16:29

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
65	100		
92	72.1	56.8	85.2
138	107.7	85.1	127.7

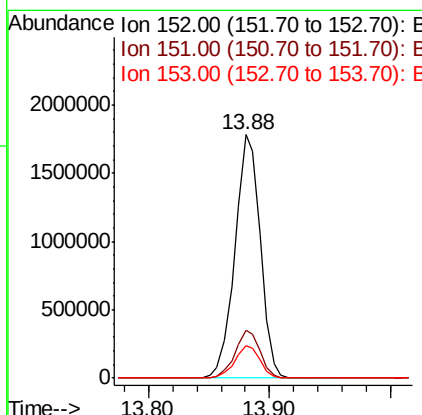
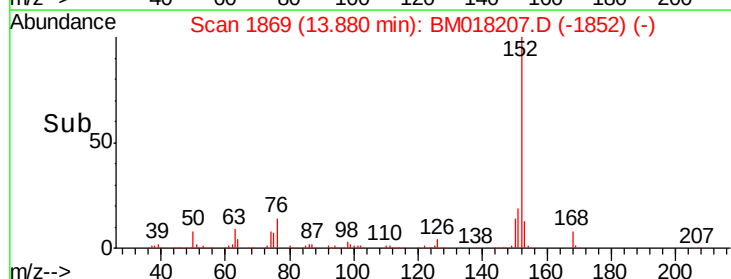
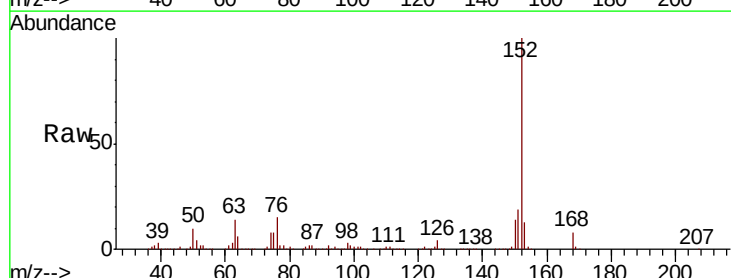
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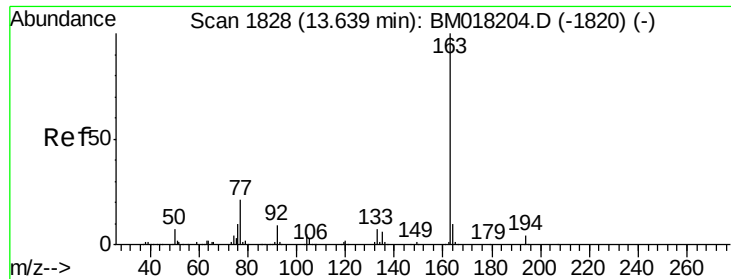
Sohil
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#49
Acenaphthylene
Concen: 79.838 ng
RT: 13.88 min Scan# 1869
Delta R.T. -0.00 min
Lab File: BM018207.D
Acq: 15 Dec 2018 16:29

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.0	24.0
153	13.4	10.2	15.2





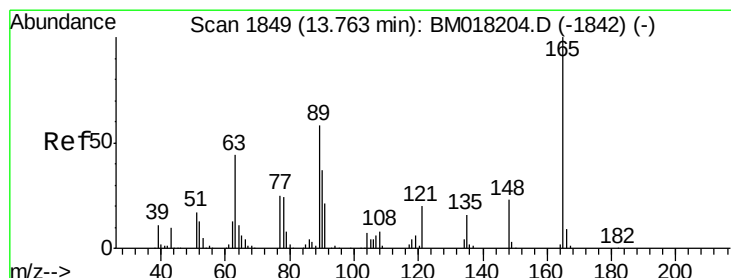
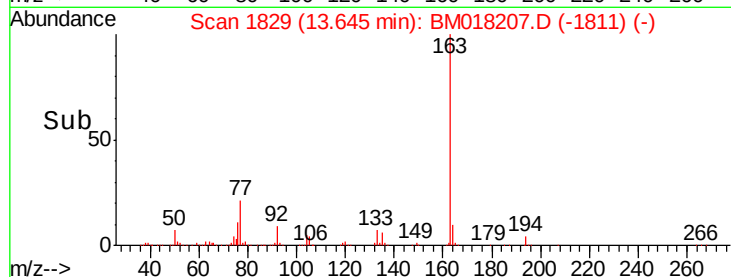
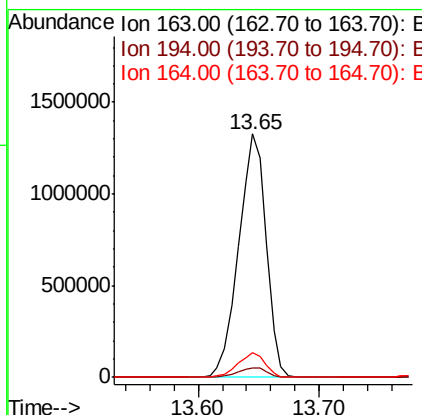
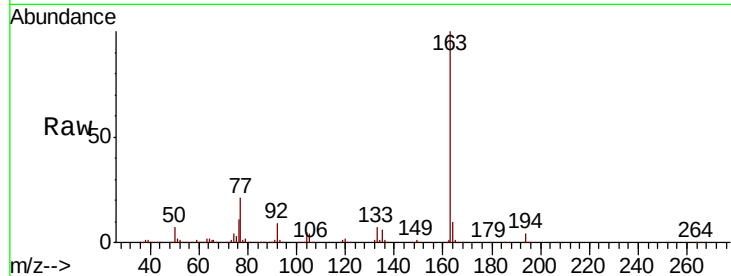
#50
Dimethylphthalate
Concen: 79.504 ng
RT: 13.65 min Scan# 1829
Delta R.T. 0.01 min
Lab File: BM018207.D
Acq: 15 Dec 2018 16:29

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.1	4.7
164	10.1	7.9	11.9

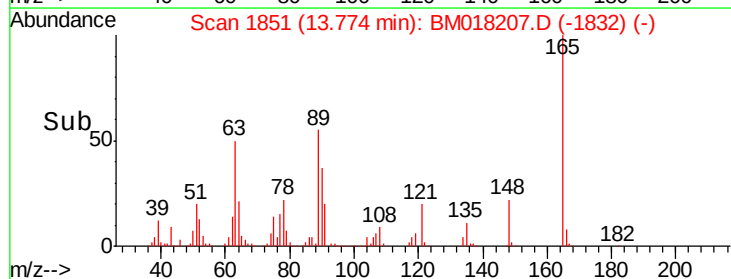
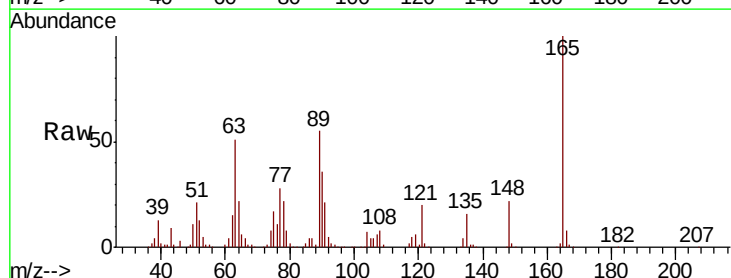
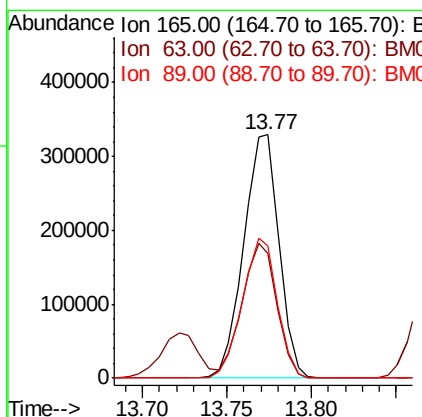
Manual Integrations
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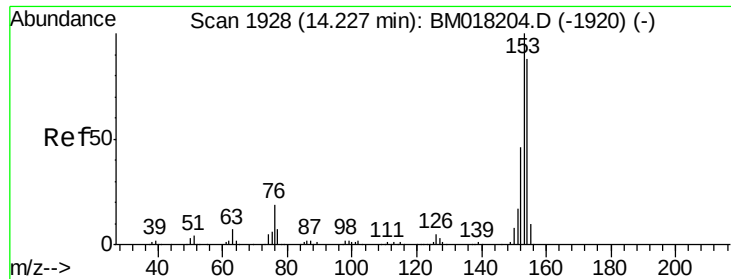
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#51
2,6-Dinitrotoluene
Concen: 81.473 ng
RT: 13.77 min Scan# 1851
Delta R.T. 0.01 min
Lab File: BM018207.D
Acq: 15 Dec 2018 16:29

Tgt Ion	Ratio	Lower	Upper
165	100		
63	51.0	46.6	69.8
89	54.6	46.3	69.5





#52

Acenaphthene

Concen: 81.162 ng

RT: 14.23 min Scan# 1928

Delta R.T. -0.00 min

Lab File: BM018207.D

Acq: 15 Dec 2018 16:29

Instrument :

BNA_M

ClientSampleId :

SSTDIC080

Tot Ion:154 Resp: 1618927

Ion Ratio Lower Upper

154 100

153 112.6 90.4 135.6

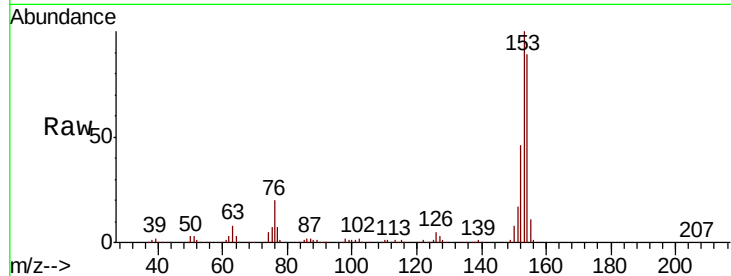
152 51.5 41.2 61.8

Manual Integrations

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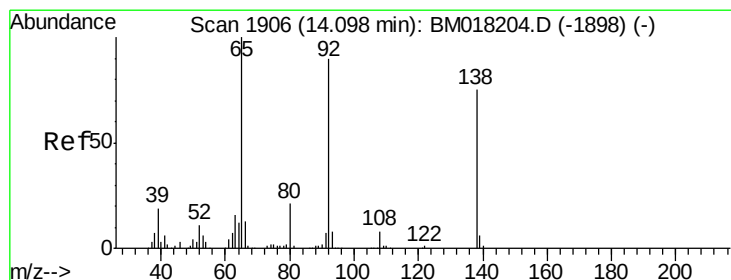
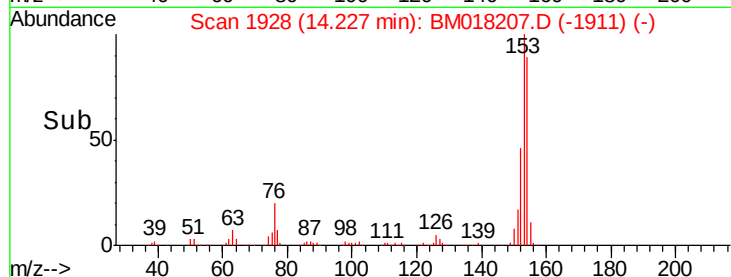
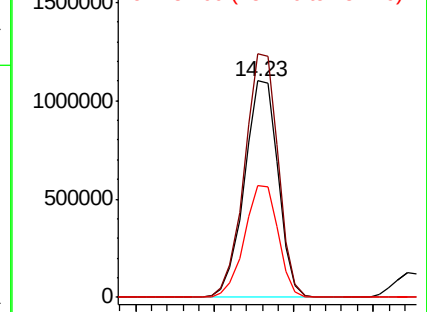
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 81.778 ng

RT: 14.10 min Scan# 1907

Delta R.T. 0.01 min

Lab File: BM018207.D

Acq: 15 Dec 2018 16:29

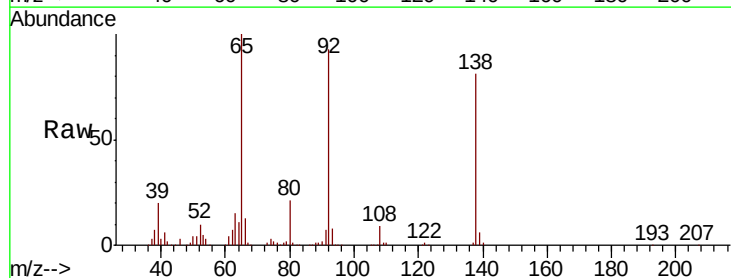
Tgt Ion:138 Resp: 525631

Ion Ratio Lower Upper

138 100

108 11.2 8.4 12.6

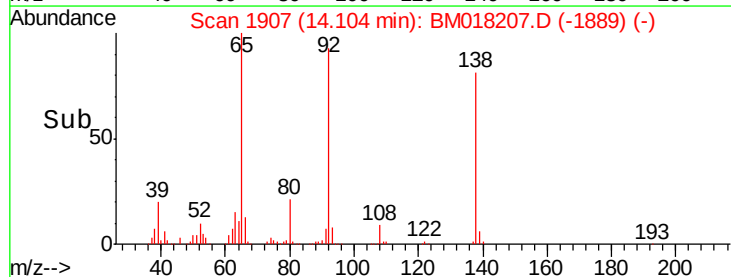
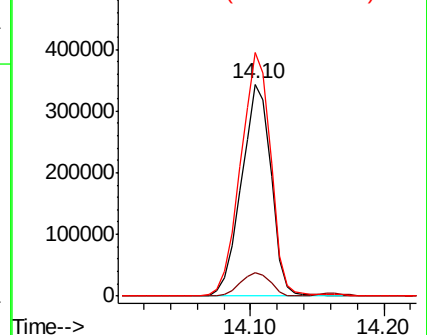
92 114.9 94.9 142.3

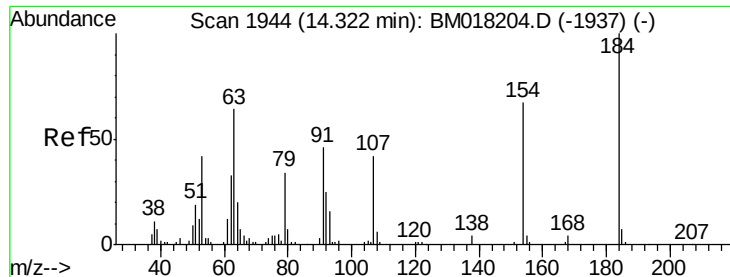


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E





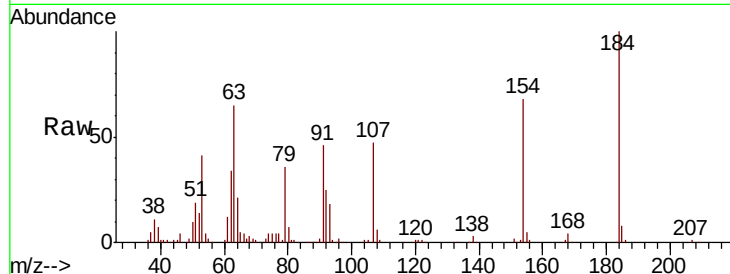
#54
2,4-Dinitrophenol
Concen: 94.372 ng
RT: 14.32 min Scan# 1944
Delta R.T. -0.00 min
Lab File: BM018207.D
Acq: 15 Dec 2018 16:29

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
184	100	288213		
63	65.4	51.6	77.4	
154	67.7	54.0	81.0	

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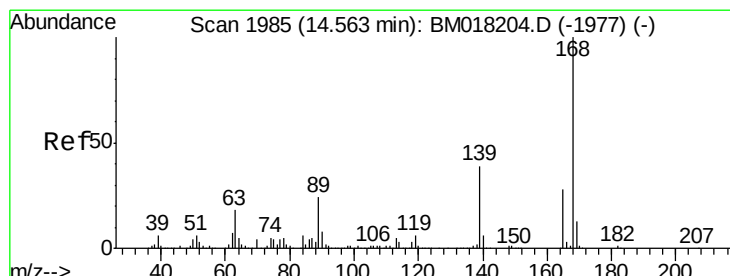
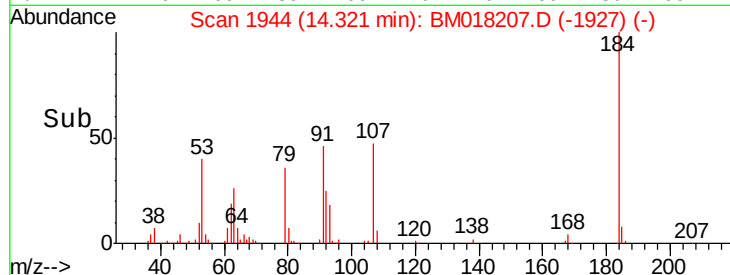
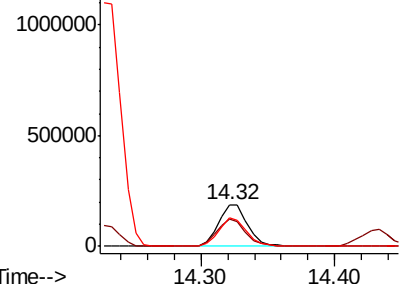


Abundance

Ion 184.00 (183.70 to 184.70): E

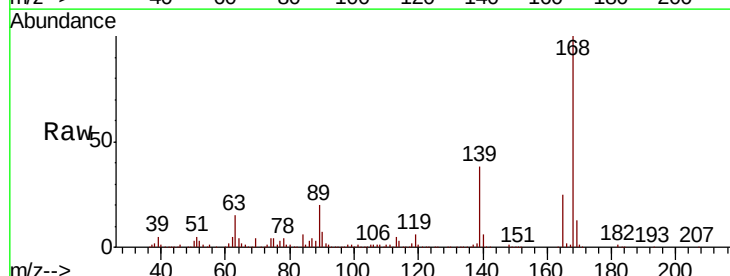
Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E



#55
Dibenzofuran
Concen: 77.911 ng
RT: 14.57 min Scan# 1986
Delta R.T. 0.01 min
Lab File: BM018207.D
Acq: 15 Dec 2018 16:29

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	2541027		
139	37.9	31.2	46.8	
169	13.2	10.4	15.6	

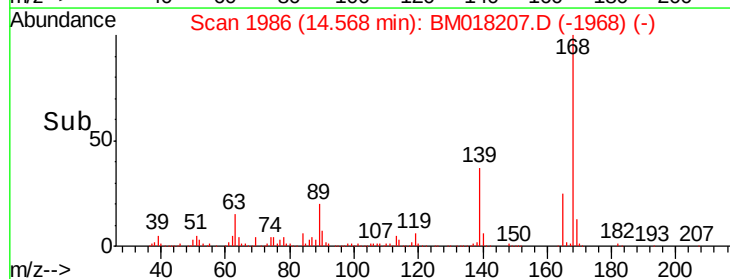
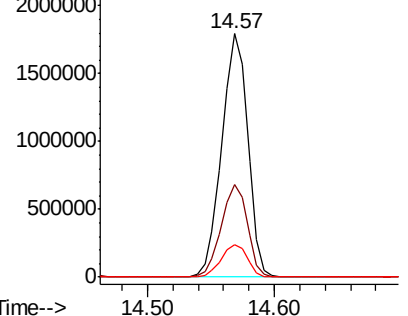


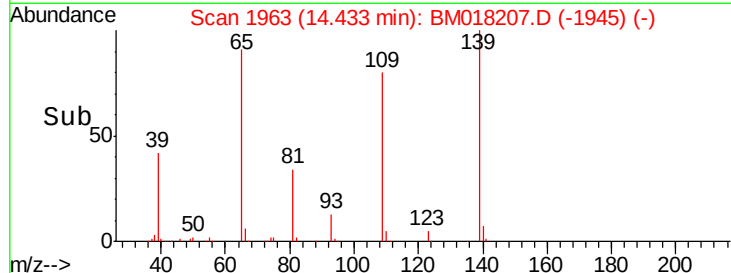
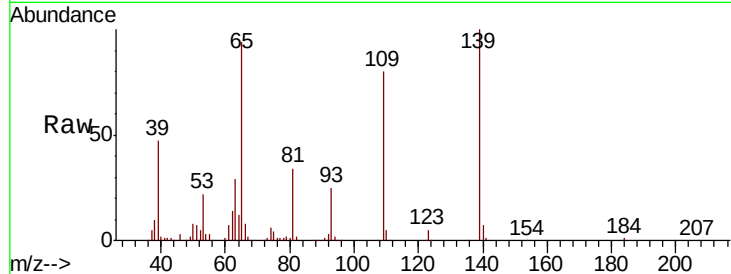
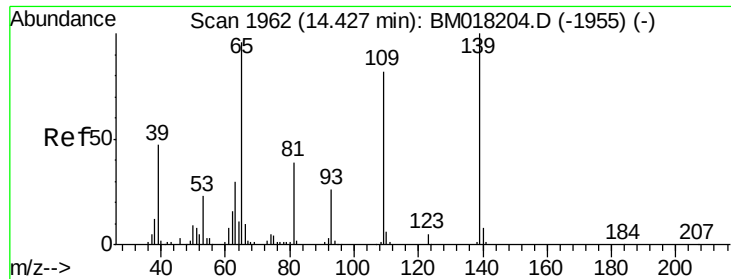
Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





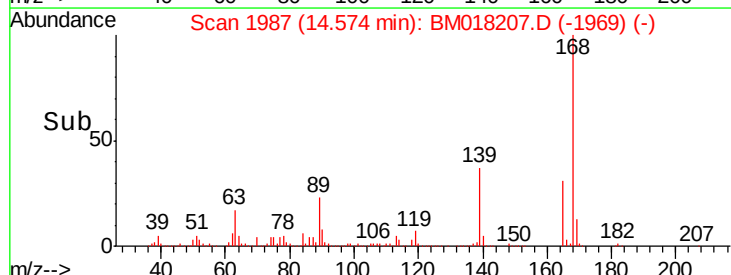
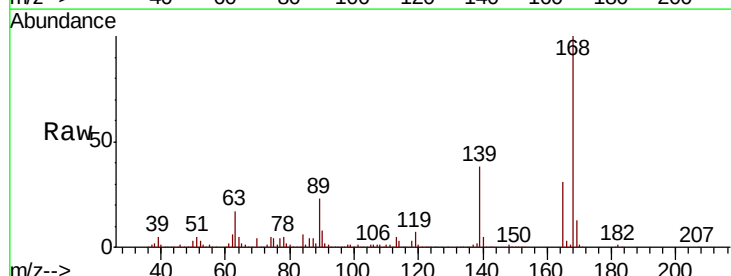
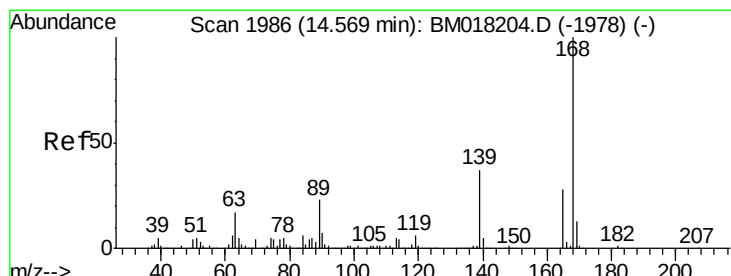
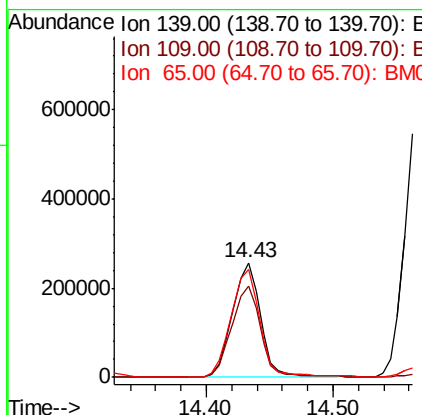
#56
4-Nitrophenol
Concen: 83.542 ng
RT: 14.43 min Scan# 1963
Delta R.T. 0.01 min
Lab File: BM018207.D
Acq: 15 Dec 2018 16:29

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
139	100		
109	80.2	62.3	102.3
65	94.4	76.4	116.4

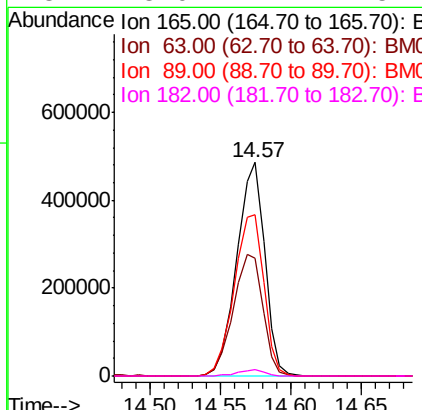
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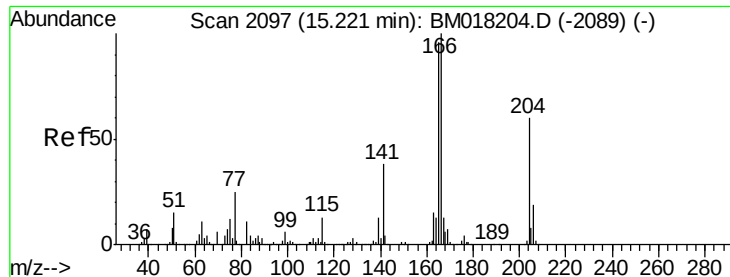
Sohil
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#57
2,4-Dinitrotoluene
Concen: 84.630 ng
RT: 14.57 min Scan# 1987
Delta R.T. 0.01 min
Lab File: BM018207.D
Acq: 15 Dec 2018 16:29

Tgt Ion	Ratio	Lower	Upper
165	100		
63	55.3	47.2	70.8
89	75.7	65.8	98.8
182	3.0	2.2	3.4





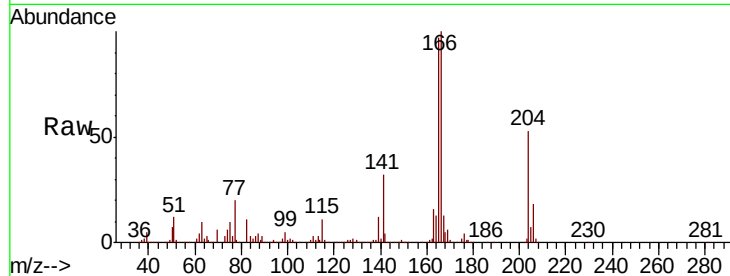
#58
Fluorene
Concen: 78.958 ng
RT: 15.23 min Scan# 2098
Delta R.T. 0.01 min
Lab File: BM018207.D
Acq: 15 Dec 2018 16:29

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
166	100		
165	96.7	76.9	115.3
167	13.2	10.5	15.7

Manual Integrations
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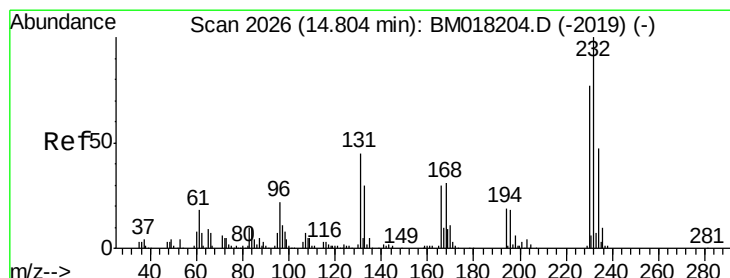
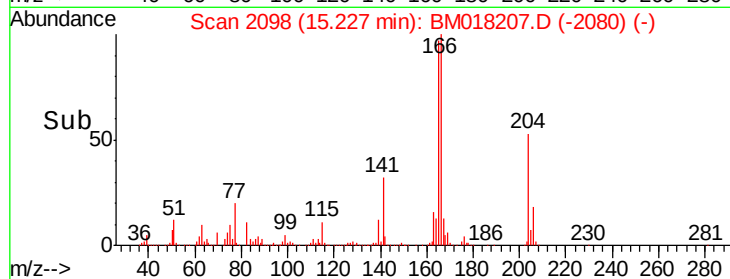
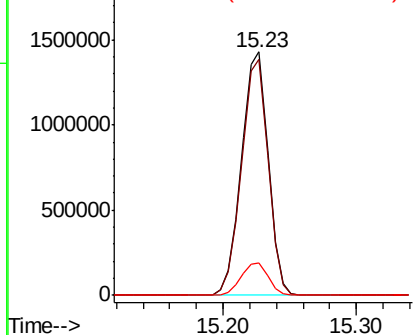


Abundance

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: 78.932 ng
RT: 14.80 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BM018207.D
Acq: 15 Dec 2018 16:29

Tgt Ion	Ratio	Lower	Upper
232	100		
131	45.2	36.2	54.2
130	2.5	1.8	2.6
166	31.7	24.8	37.2

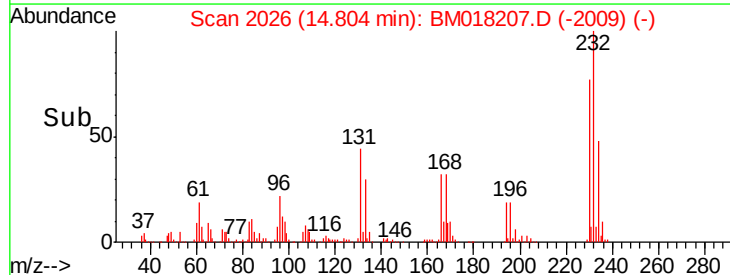
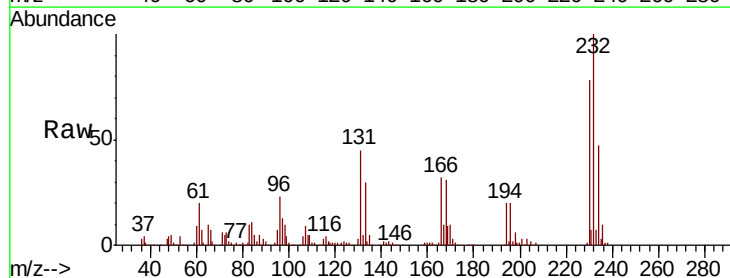
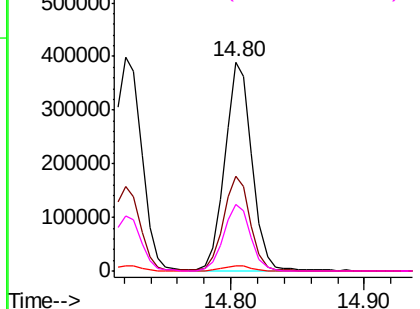
Abundance

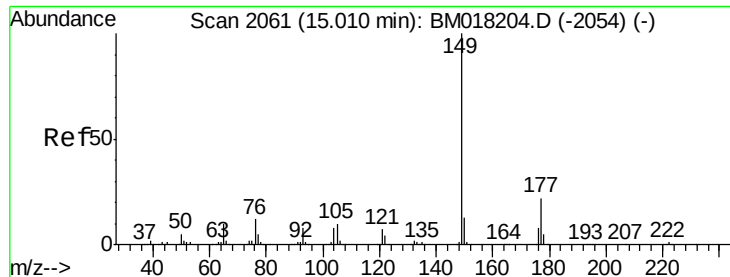
Ion 232.00 (231.70 to 232.70): E

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





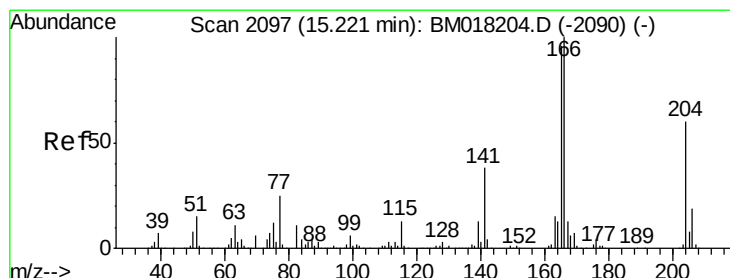
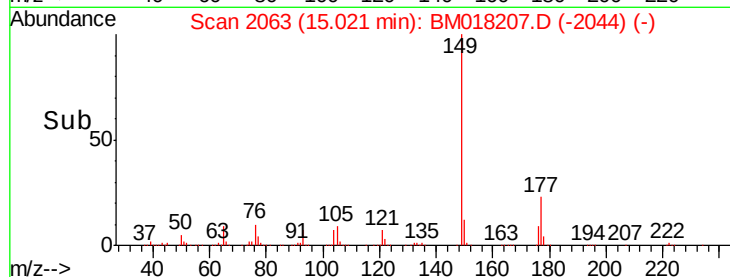
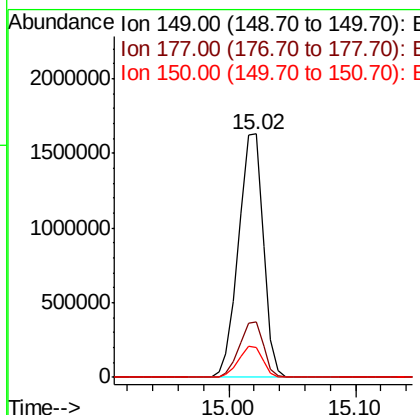
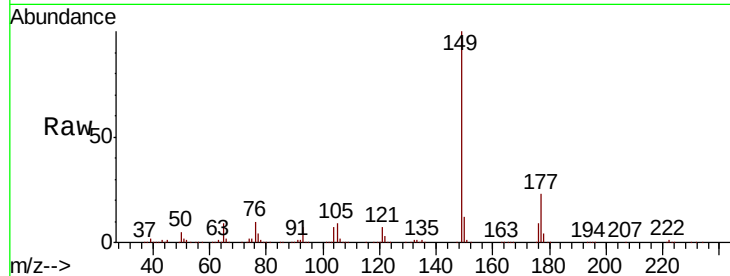
#60
Diethylphthalate
Concen: 76.624 ng
RT: 15.02 min Scan# 2063
Delta R.T. 0.01 min
Lab File: BM018207.D
Acq: 15 Dec 2018 16:29

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.0	17.8	26.8
150	12.5	10.3	15.5

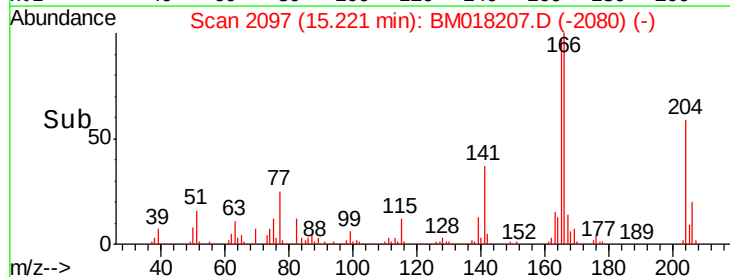
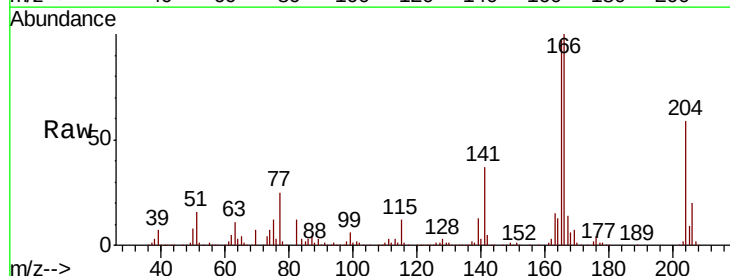
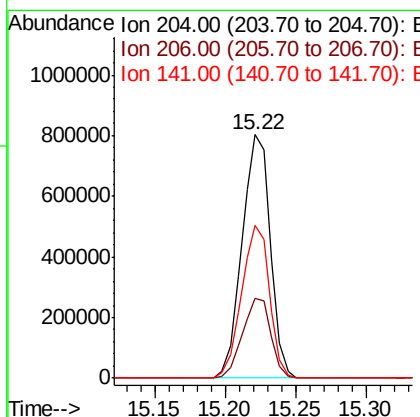
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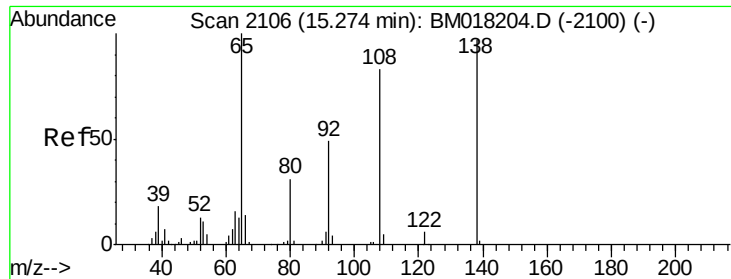
Sohil
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#61
4-Chlorophenyl-phenylether
Concen: 79.071 ng
RT: 15.22 min Scan# 2097
Delta R.T. -0.00 min
Lab File: BM018207.D
Acq: 15 Dec 2018 16:29

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.9	25.8	38.6
141	62.7	50.2	75.4





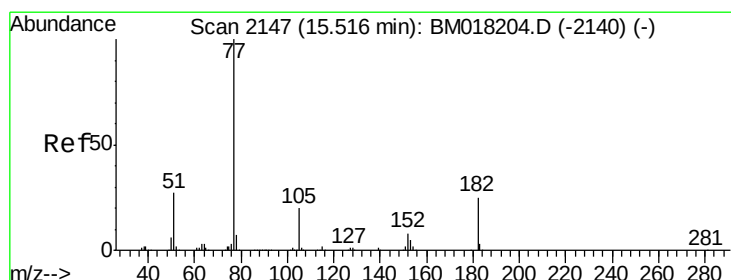
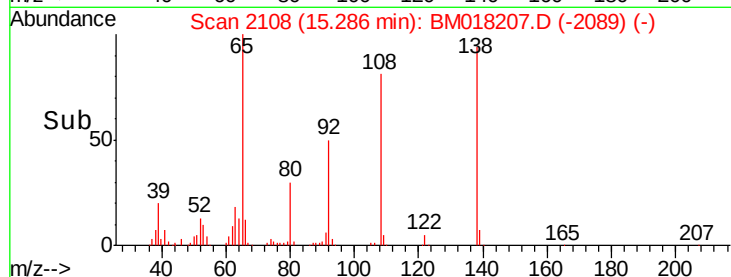
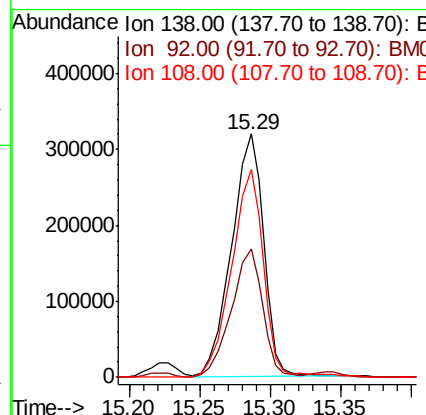
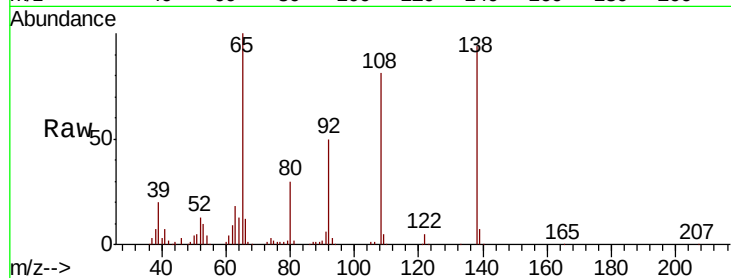
#62
4-Nitroaniline
Concen: 83.375 ng
RT: 15.29 min Scan# 2108
Delta R.T. 0.01 min
Lab File: BM018207.D
Acq: 15 Dec 2018 16:29

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
138	100		
92	52.9	31.1	71.1
108	85.5	65.0	105.0

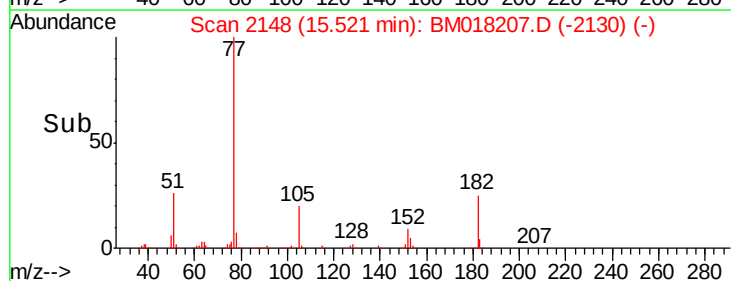
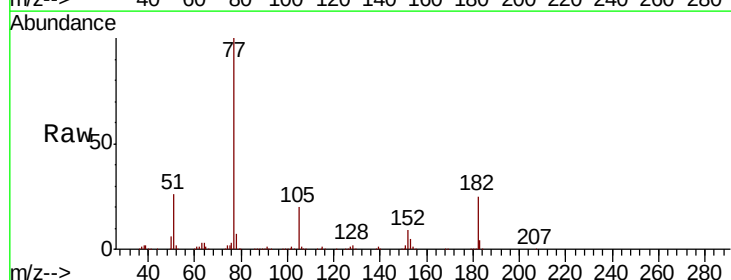
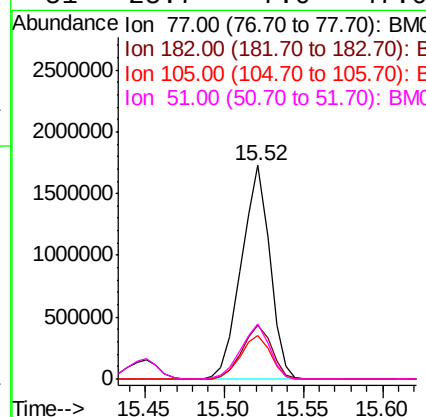
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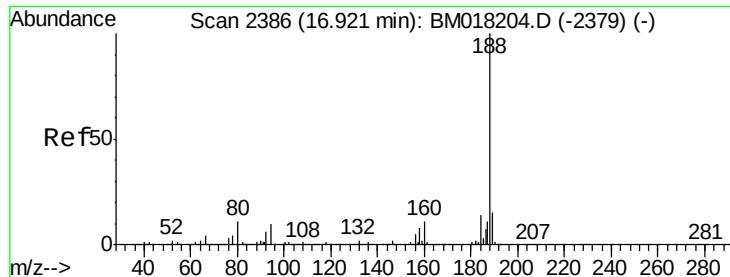
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#63
Azobenzene
Concen: 81.091 ng
RT: 15.52 min Scan# 2148
Delta R.T. 0.01 min
Lab File: BM018207.D
Acq: 15 Dec 2018 16:29

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.3	4.6	44.6
105	20.4	0.2	40.2
51	25.7	7.0	47.0





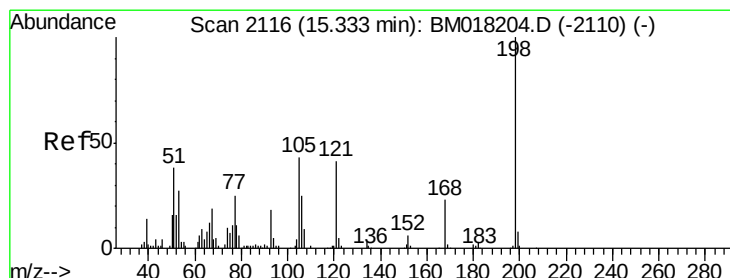
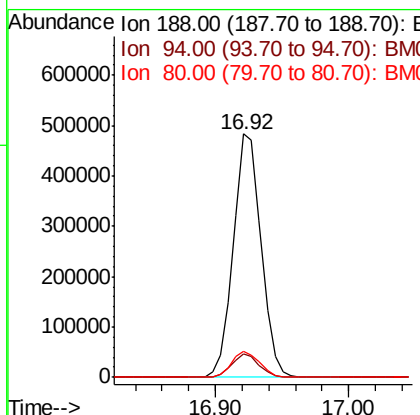
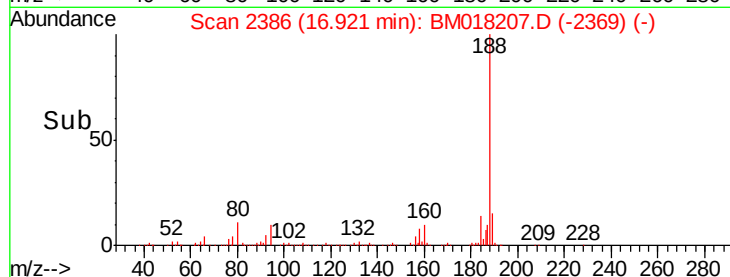
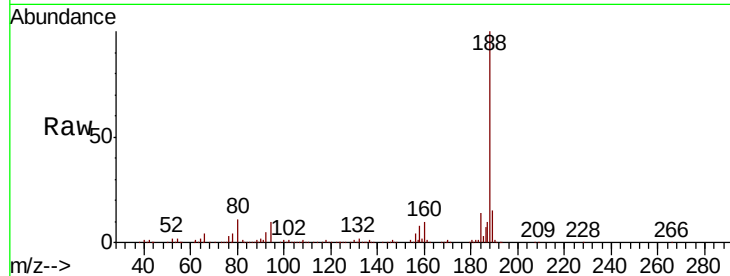
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.92 min Scan# 2386
Delta R.T. -0.00 min
Lab File: BM018207.D
Acq: 15 Dec 2018 16:29

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion:	188	Resp:	699994
Ion Ratio	Lower	Upper	
188	100		
94	9.6	8.0	12.0
80	10.9	9.0	13.6

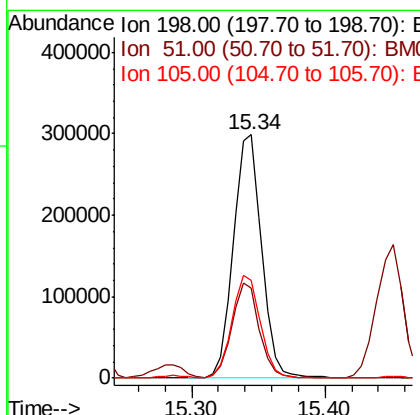
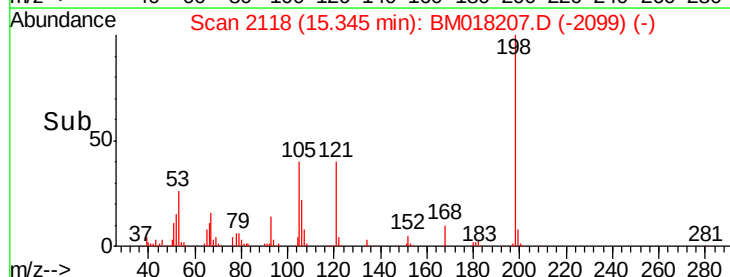
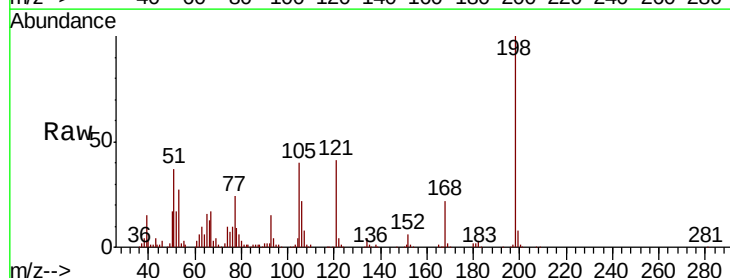
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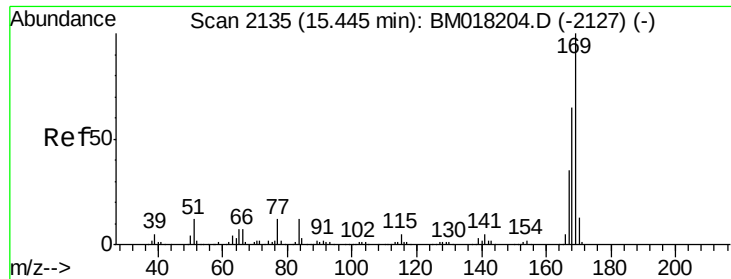
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#65
4,6-Dinitro-2-methylphenol
Concen: 91.122 ng
RT: 15.34 min Scan# 2118
Delta R.T. 0.01 min
Lab File: BM018207.D
Acq: 15 Dec 2018 16:29

Tgt Ion:	198	Resp:	439987
Ion Ratio	Lower	Upper	
198	100		
51	36.7	18.6	58.6
105	40.1	22.9	62.9





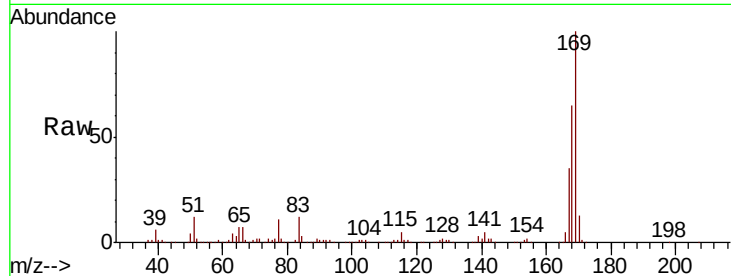
#66
 n-Nitrosodiphenylamine
 Concen: 83.994 ng
 RT: 15.45 min Scan# 2136
 Delta R.T. 0.01 min
 Lab File: BM018207.D
 Acq: 15 Dec 2018 16:29

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tot Ion	Ion	Ratio	Lower	Upper
169	100			
168	64.8	52.2	78.4	
167	34.8	27.6	41.4	

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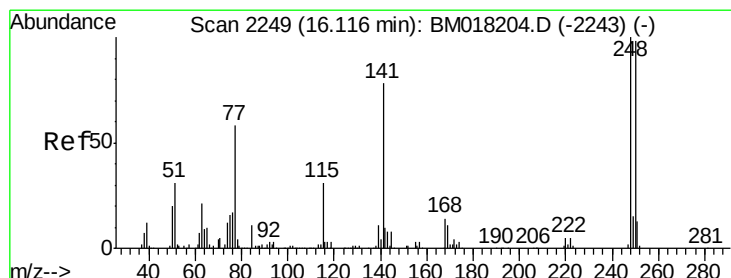
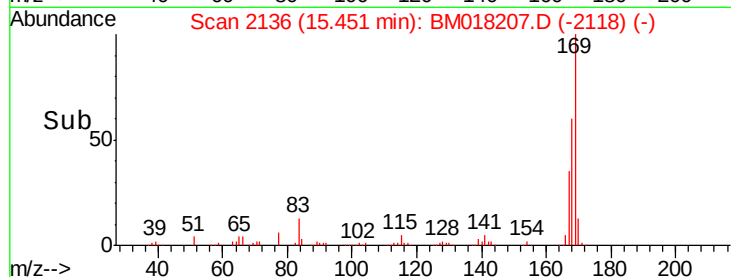
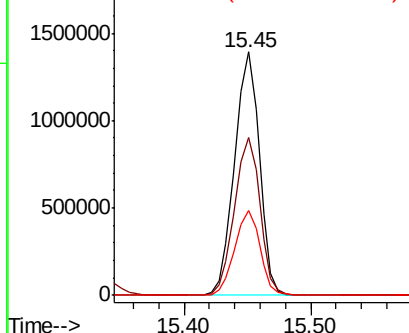


Abundance

Ion 169.00 (168.70 to 169.70): E

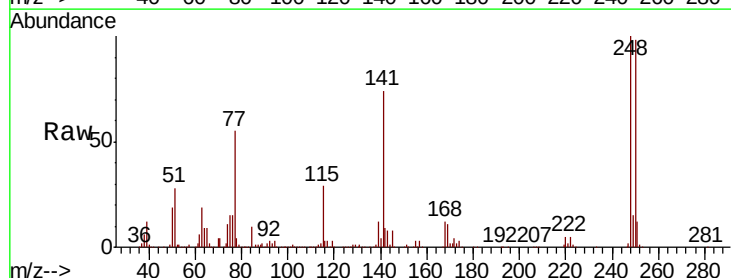
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#67
 4-Bromophenyl-phenylether
 Concen: 85.506 ng
 RT: 16.12 min Scan# 2250
 Delta R.T. 0.01 min
 Lab File: BM018207.D
 Acq: 15 Dec 2018 16:29

Tgt Ion	Ion	Ratio	Lower	Upper
248	100			
250	97.6	78.7	118.1	
141	74.5	62.2	93.4	

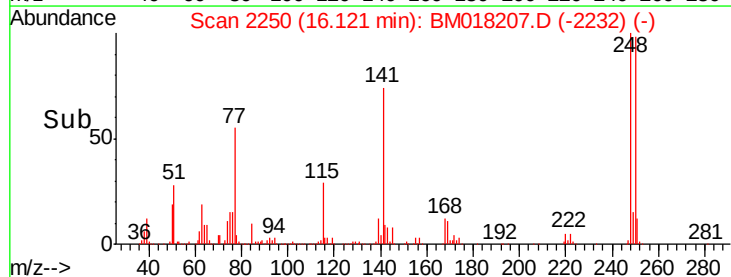
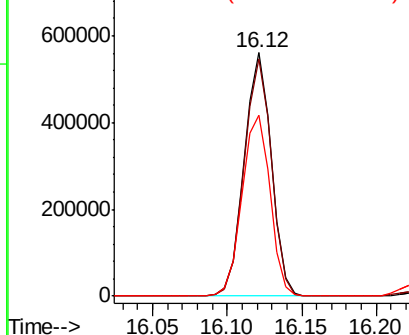


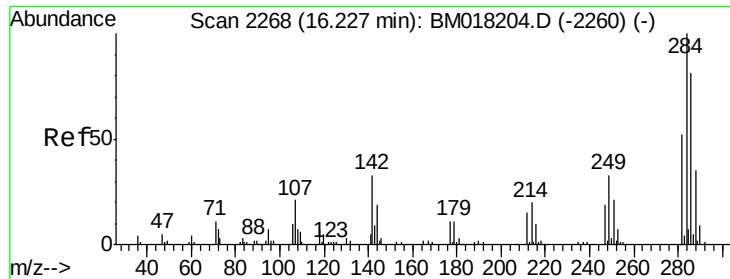
Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#68

Hexachlorobenzene

Concen: 80.826 ng

RT: 16.23 min Scan# 2268

Delta R.T. -0.00 min

Lab File: BM018207.D

Acq: 15 Dec 2018 16:29

Instrument :

BNA_M

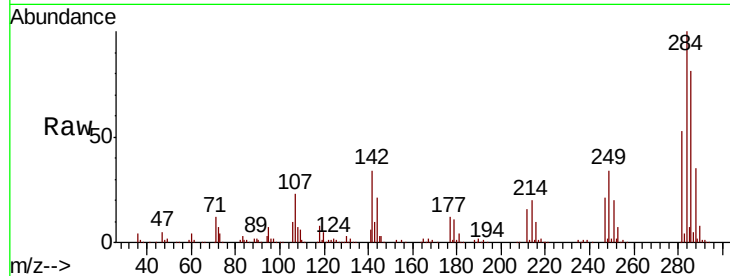
ClientSampleId :

SSTDIC080

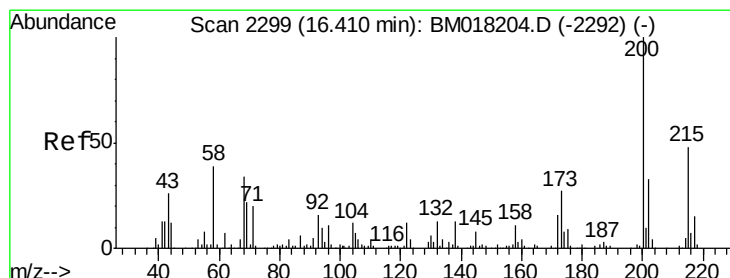
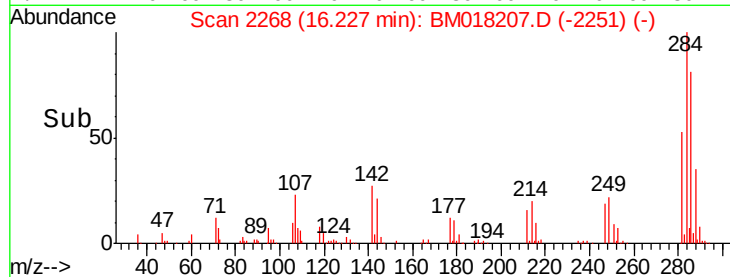
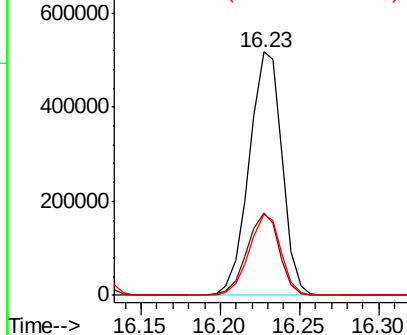
Tot Ion:	284	Resp:	748389
Ion Ratio	Lower	Upper	
284	100		
142	33.6	26.2	39.4
249	33.5	26.2	39.2

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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



#69

Atrazine

Concen: 62.955 ng

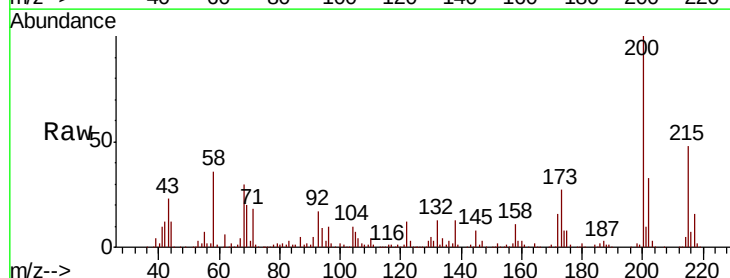
RT: 16.42 min Scan# 2300

Delta R.T. 0.01 min

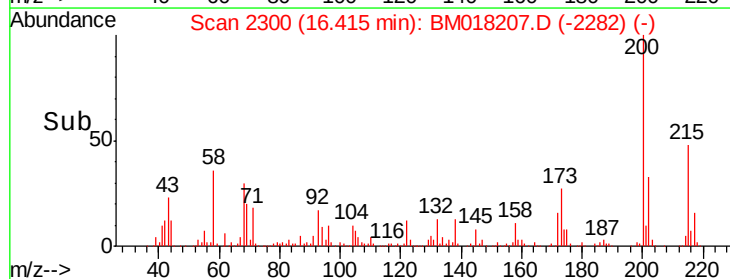
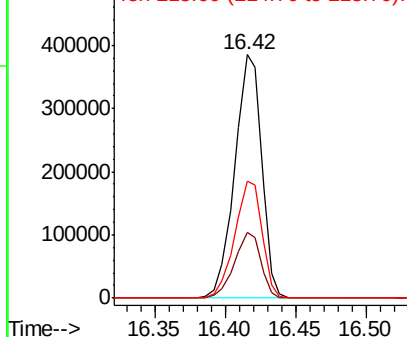
Lab File: BM018207.D

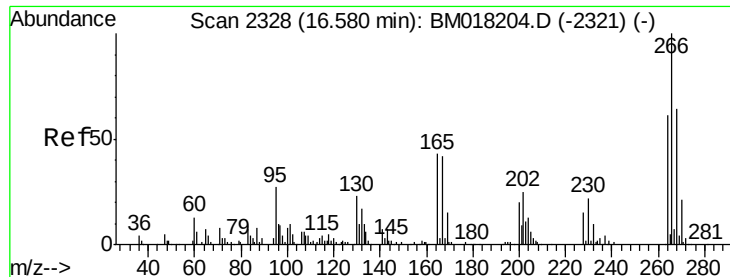
Acq: 15 Dec 2018 16:29

Tgt Ion:	200	Resp:	513386
Ion Ratio	Lower	Upper	
200	100		
173	27.2	6.9	46.9
215	48.0	27.9	67.9



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





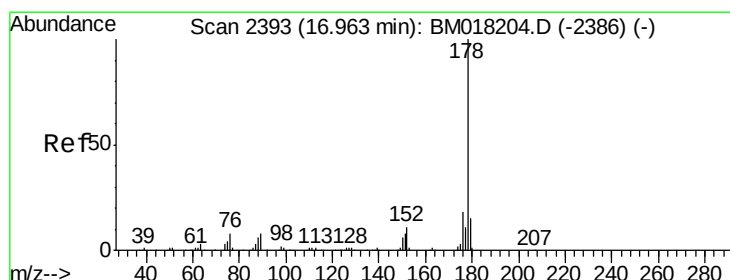
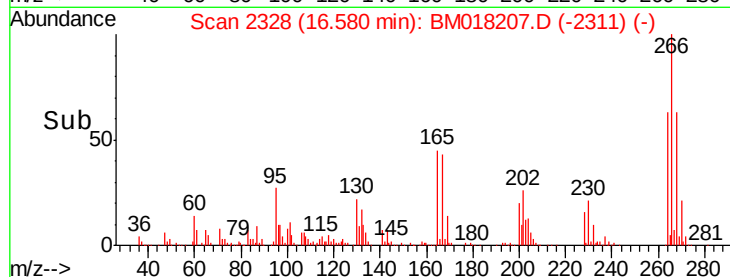
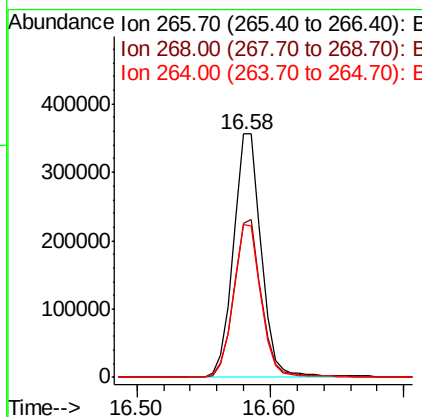
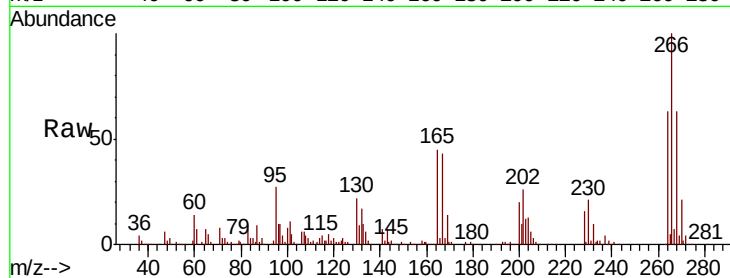
#70
 Pentachlorophenol
 Concen: 80.540 ng
 RT: 16.58 min Scan# 2328
 Delta R.T. -0.00 min
 Lab File: BM018207.D
 Acq: 15 Dec 2018 16:29

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.3	51.1	76.7
264	62.7	49.0	73.4

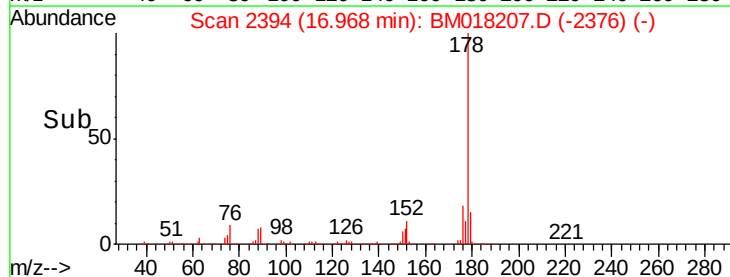
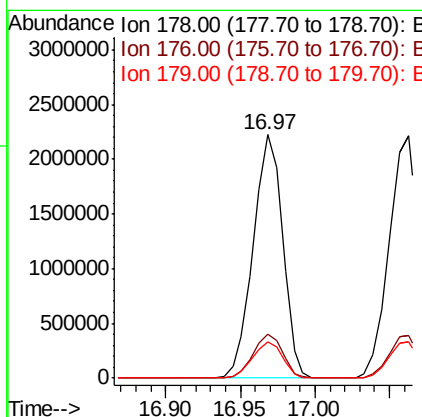
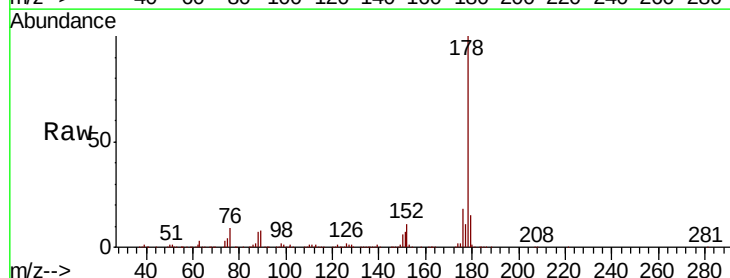
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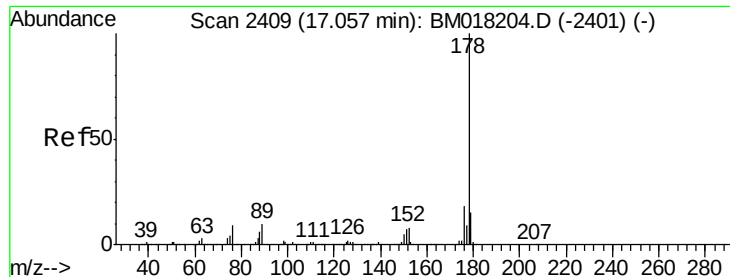
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#71
 Phenanthrene
 Concen: 80.422 ng
 RT: 16.97 min Scan# 2394
 Delta R.T. 0.01 min
 Lab File: BM018207.D
 Acq: 15 Dec 2018 16:29

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.7	22.1
179	15.1	12.0	18.0





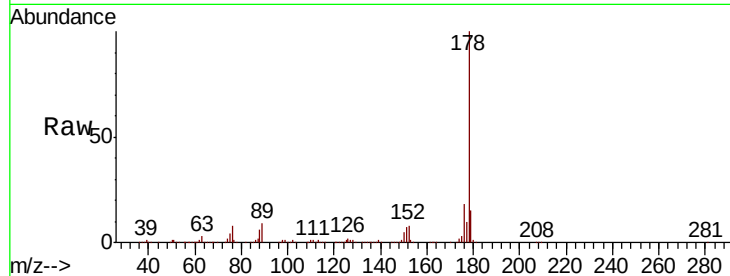
#72
 Anthracene
 Concen: 83.517 ng
 RT: 17.06 min Scan# 2410
 Delta R.T. 0.01 min
 Lab File: BM018207.D
 Acq: 15 Dec 2018 16:29

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

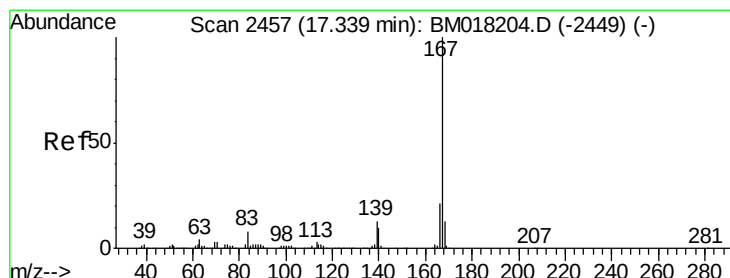
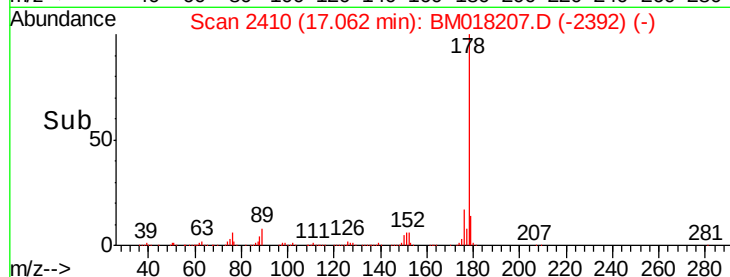
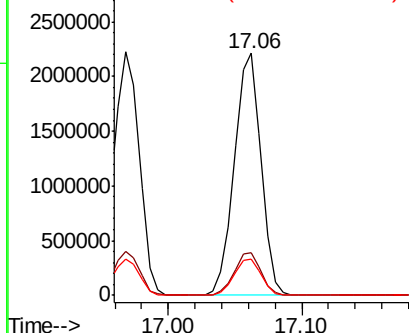
Tot Ion:178 Resp: 3067554
 Ion Ratio Lower Upper
 178 100
 176 17.5 14.3 21.5
 179 15.0 12.0 18.0

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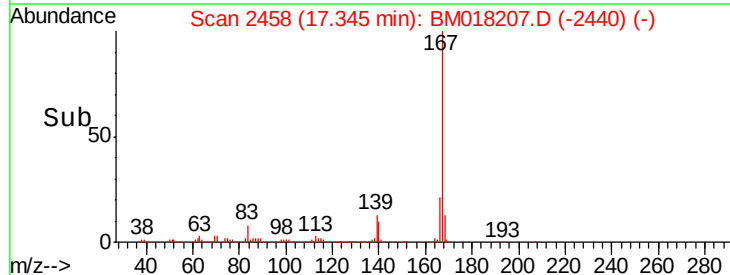
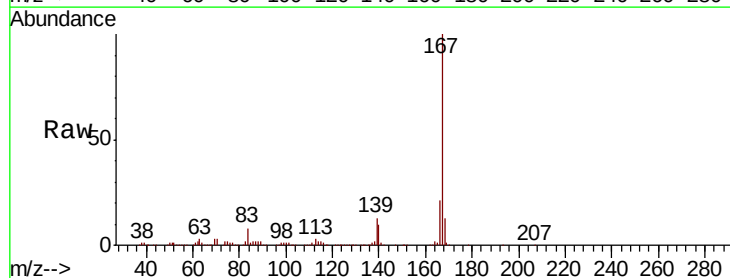
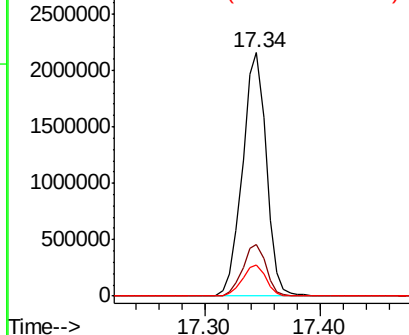
Abundance Ion 178.00 (177.70 to 178.70): E
 3000000 Ion 176.00 (175.70 to 176.70): E
 2500000 Ion 179.00 (178.70 to 179.70): E

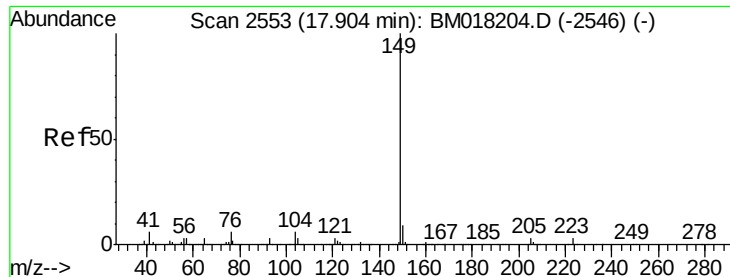


#73
 Carbazole
 Concen: 83.195 ng
 RT: 17.34 min Scan# 2458
 Delta R.T. 0.01 min
 Lab File: BM018207.D
 Acq: 15 Dec 2018 16:29

Tgt Ion:167 Resp: 3091405
 Ion Ratio Lower Upper
 167 100
 166 21.0 16.8 25.2
 139 12.6 10.3 15.5

Abundance Ion 167.00 (166.70 to 167.70): E
 3000000 Ion 166.00 (165.70 to 166.70): E
 2500000 Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 93.139 ng

RT: 17.91 min Scan# 2554

Delta R.T. 0.01 min

Lab File: BM018207.D

Acq: 15 Dec 2018 16:29

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

Tot Ion:149 Resp: 3901979

Ion Ratio Lower Upper

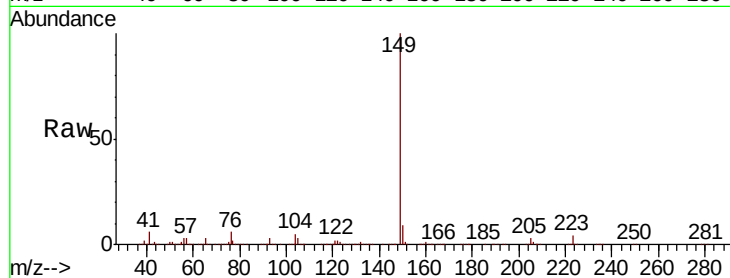
149 100

150 9.0 7.3 10.9

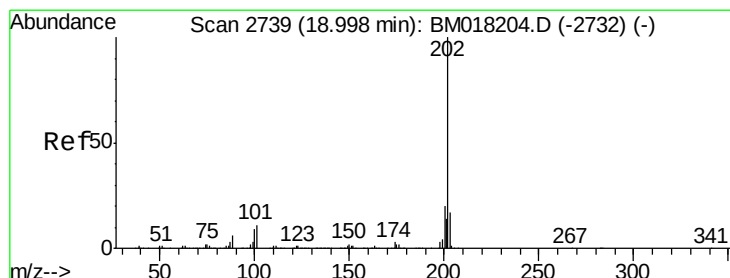
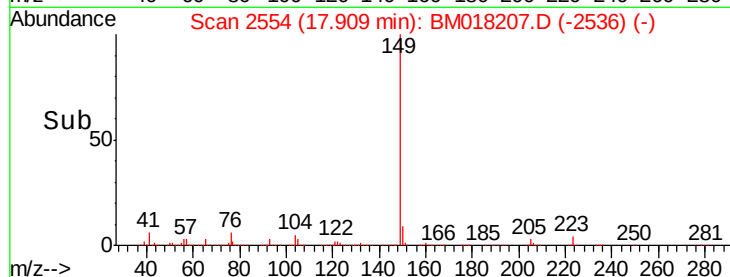
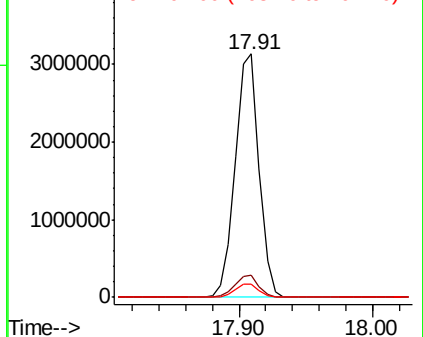
104 5.3 4.8 7.2

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 82.214 ng

RT: 19.00 min Scan# 2739

Delta R.T. -0.00 min

Lab File: BM018207.D

Acq: 15 Dec 2018 16:29

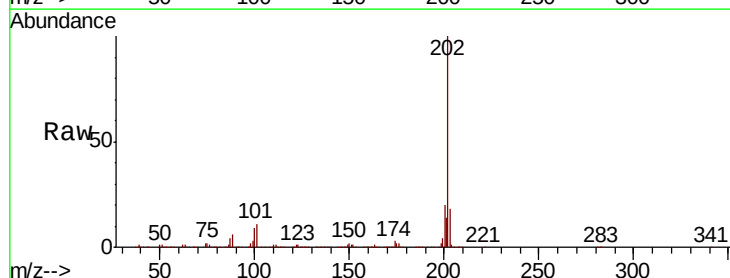
Tgt Ion:202 Resp: 3512742

Ion Ratio Lower Upper

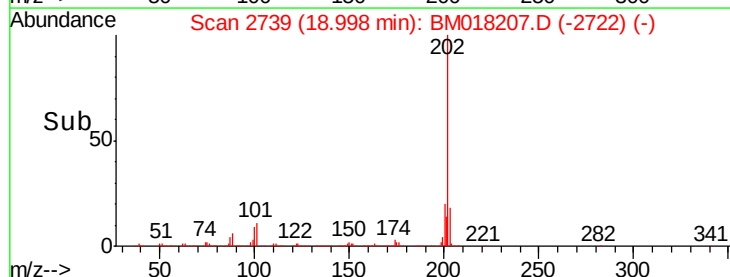
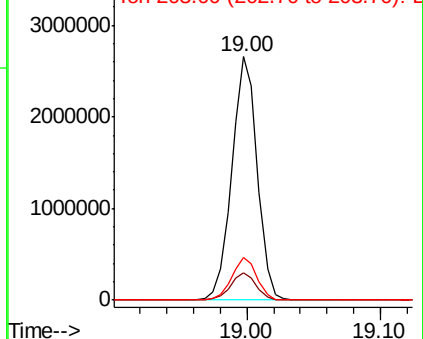
202 100

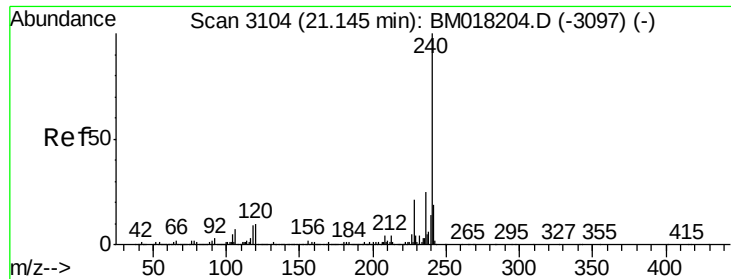
101 11.2 0.0 30.5

203 17.6 0.0 37.5



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





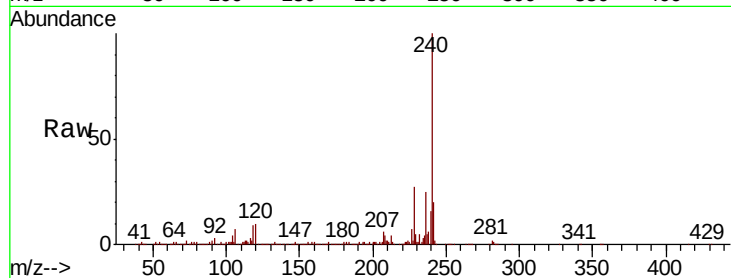
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.15 min Scan# 3105
 Delta R.T. 0.01 min
 Lab File: BM018207.D
 Acq: 15 Dec 2018 16:29

Instrument :
 BNA_M
 ClientSampled :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.7	8.2	12.2
236	24.6	20.3	30.5

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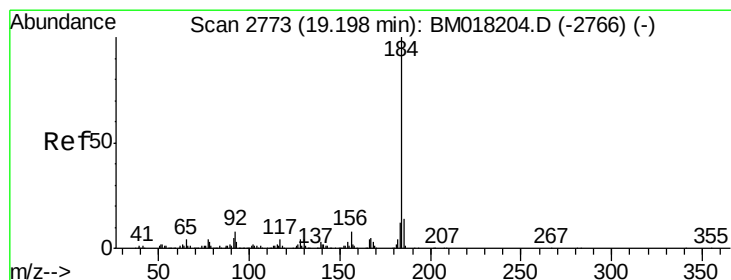
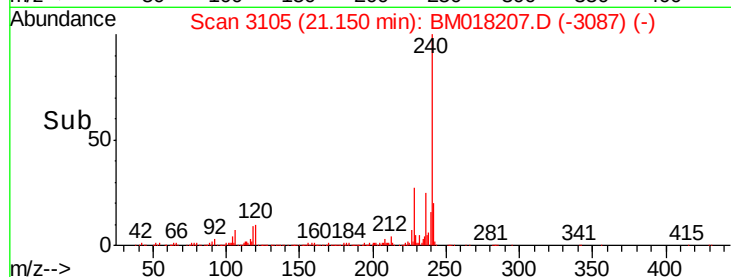
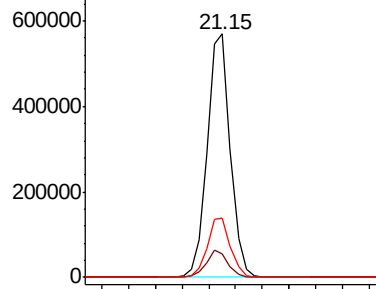


Abundance

Ion 240.00 (239.70 to 240.70): E

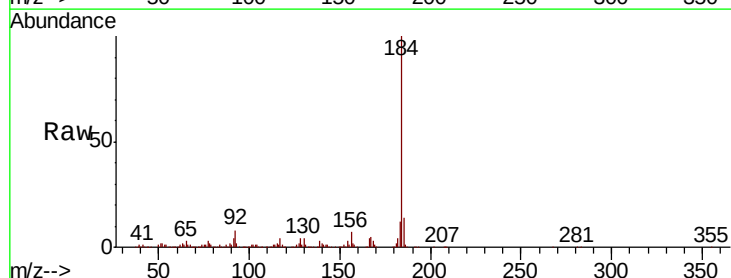
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77
 Benzidine
 Concen: 65.240 ng
 RT: 19.20 min Scan# 2774
 Delta R.T. 0.01 min
 Lab File: BM018207.D
 Acq: 15 Dec 2018 16:29

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.9	11.4	17.2
183	11.7	9.7	14.5

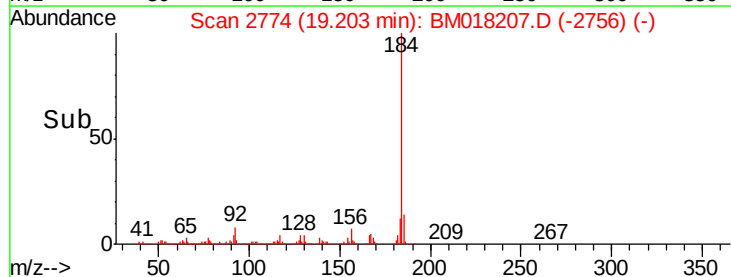
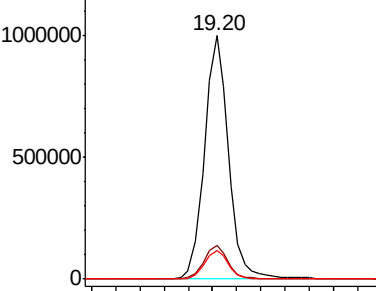


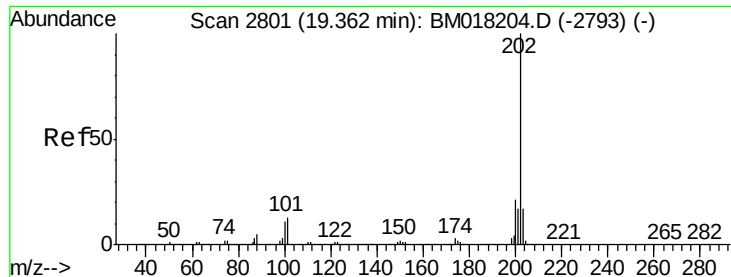
Abundance

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

Pvrene

Concen: 87.385 ng

RT: 19.37 min Scan# 2802

Delta R.T. 0.01 min

Lab File: BM018207.D

Acq: 15 Dec 2018 16:29

Instrument :

BNA_M

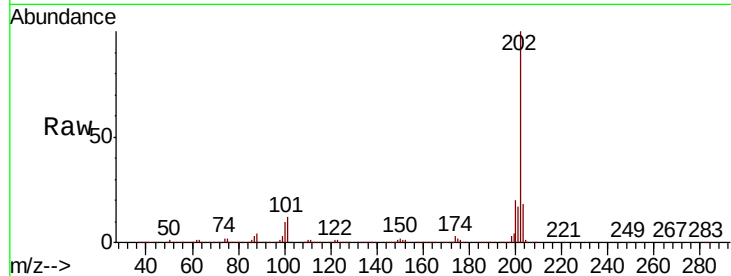
ClientSampleId :

SSTDIC080

Tot Ion:	202	Resp:	3633456
Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.5	24.7
203	17.5	14.0	21.0

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12/17/2018 4:19:46 PM

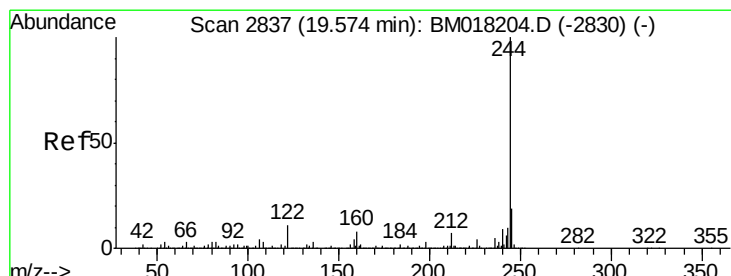
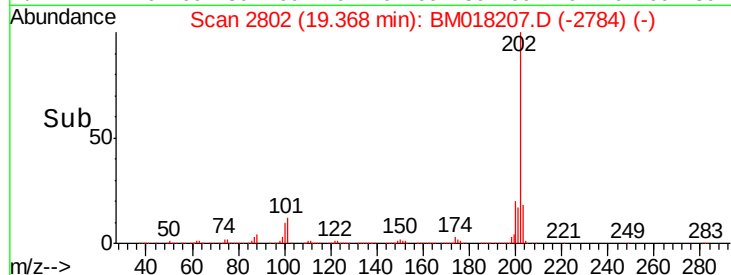
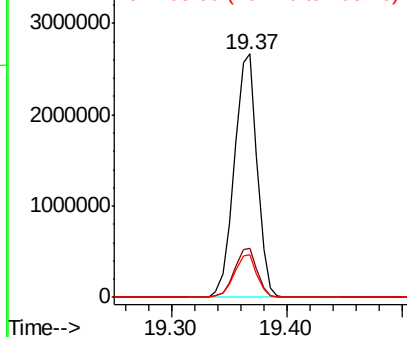


Abundance

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: 179.113 ng

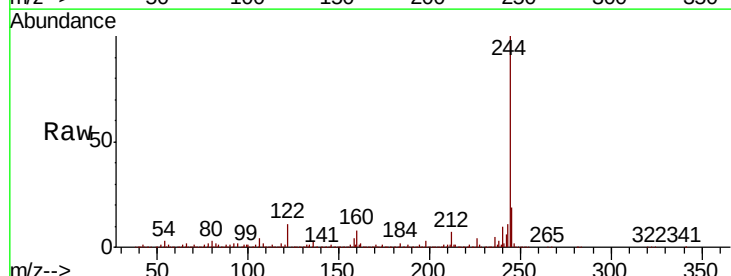
RT: 19.58 min Scan# 2838

Delta R.T. 0.01 min

Lab File: BM018207.D

Acq: 15 Dec 2018 16:29

Tgt Ion:	244	Resp:	5346373
Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	11.0	9.0	13.6

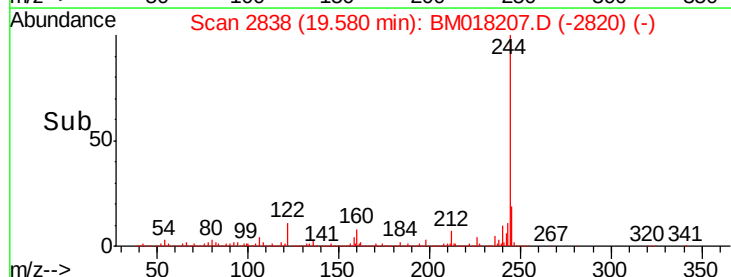
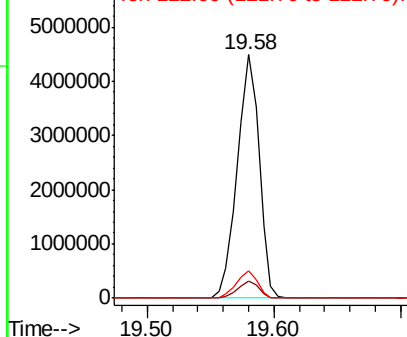


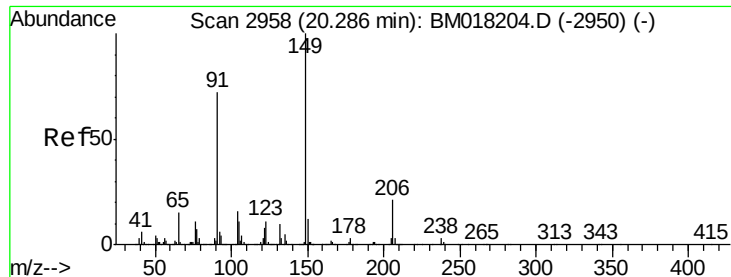
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





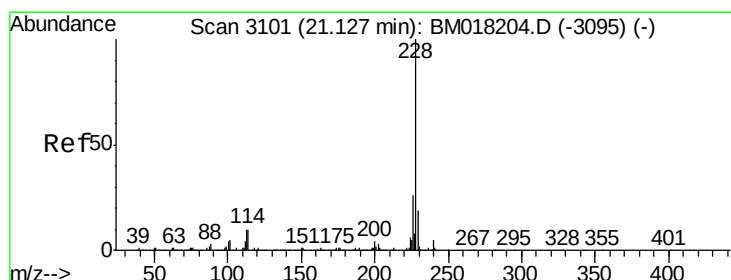
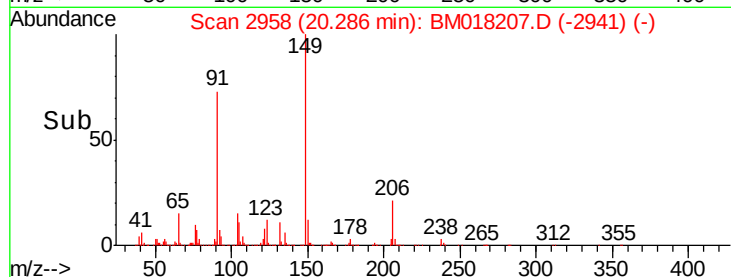
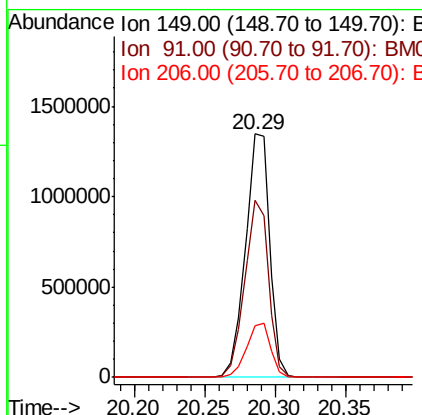
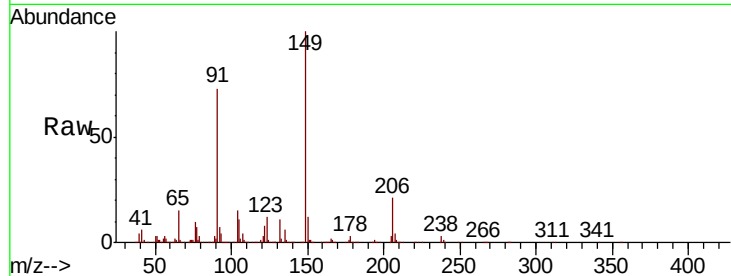
#80
Butylbenzylphthalate
Concen: 94.256 ng
RT: 20.29 min Scan# 2958
Delta R.T. -0.00 min
Lab File: BM018207.D
Acq: 15 Dec 2018 16:29

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
149	100		
91	72.8	57.4	86.2
206	21.3	17.0	25.4

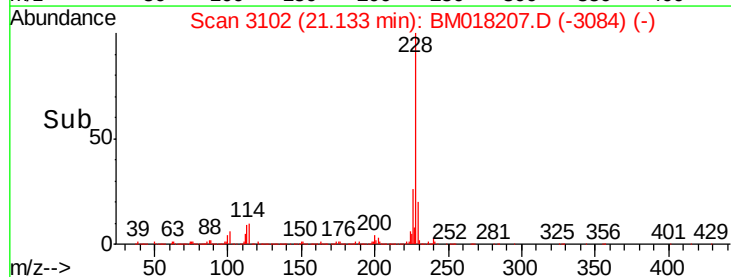
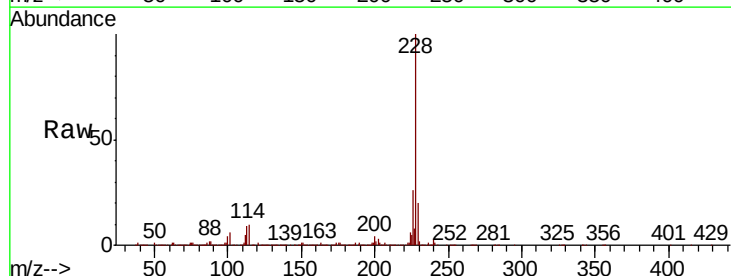
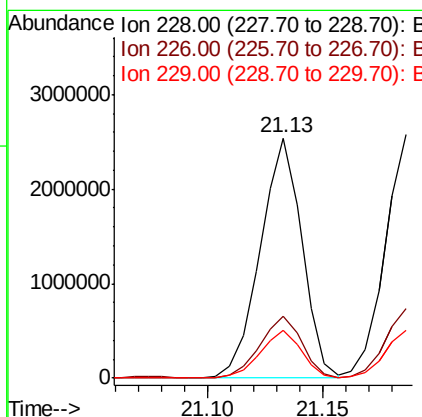
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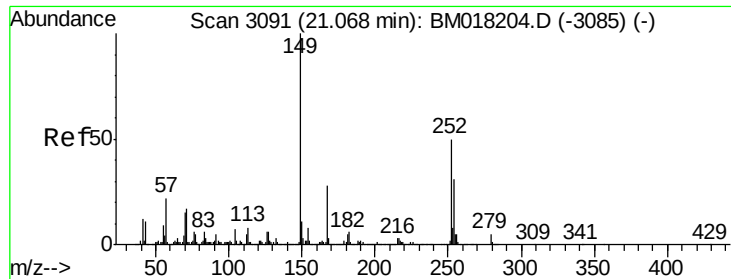
Sohil
12/17/2018 4:19:46 PM



#81
Benzo(a)anthracene
Concen: 81.651 ng
RT: 21.13 min Scan# 3102
Delta R.T. 0.01 min
Lab File: BM018207.D
Acq: 15 Dec 2018 16:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	25.9	21.0	31.4
229	19.8	15.5	23.3





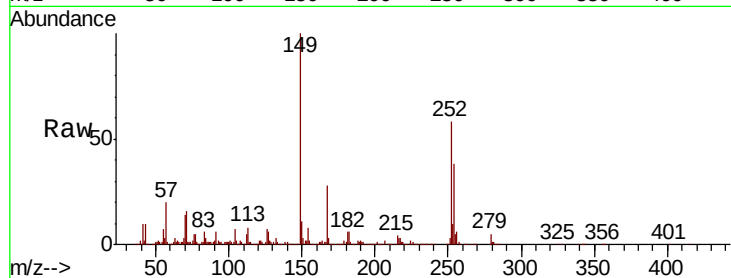
#82
 3,3'-Dichlorobenzidine
 Concen: 79.904 ng
 RT: 21.07 min Scan# 3092
 Delta R.T. 0.01 min
 Lab File: BM018207.D
 Acq: 15 Dec 2018 16:29

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.2	50.4	75.6
126	11.2	9.4	14.0

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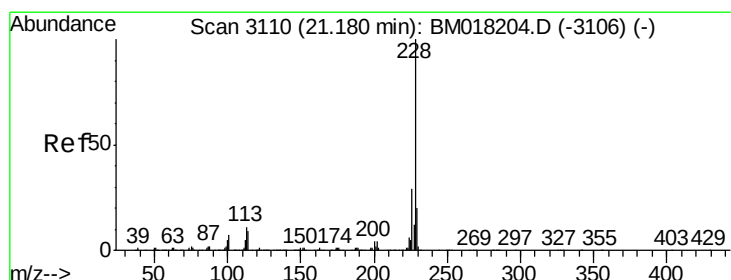
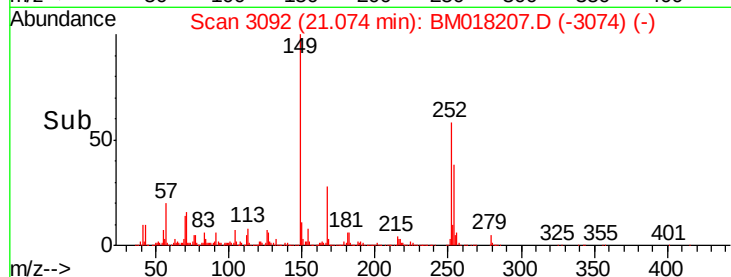
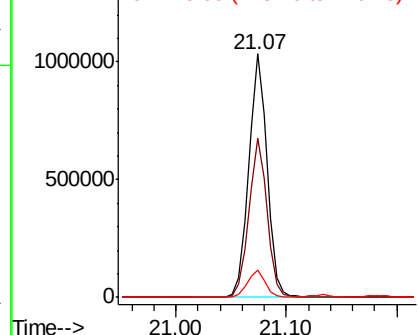


Abundance

Ion 252.00 (251.70 to 252.70): E

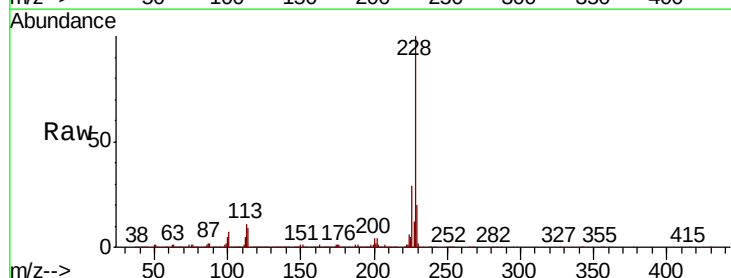
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83
 Chrysene
 Concen: 80.042 ng
 RT: 21.19 min Scan# 3111
 Delta R.T. 0.01 min
 Lab File: BM018207.D
 Acq: 15 Dec 2018 16:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.1	34.7
229	19.6	15.8	23.6

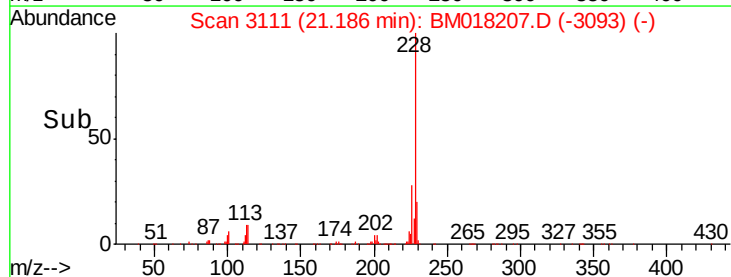
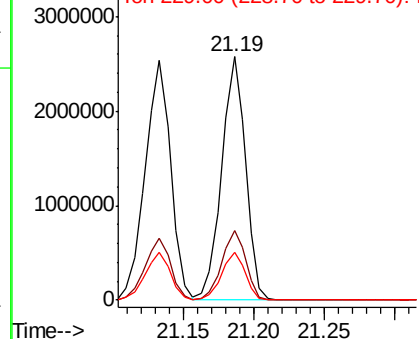


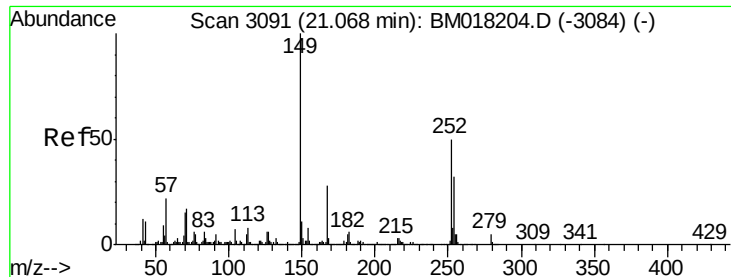
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 94.360 ng

RT: 21.07 min Scan# 3091

Delta R.T. -0.00 min

Lab File: BM018207.D

Acq: 15 Dec 2018 16:29

Instrument :

BNA_M

ClientSampleId :

SSTDIC080

Tot Ion:149 Resp: 2419327

Ion Ratio Lower Upper

149 100

167 27.9 22.7 34.1

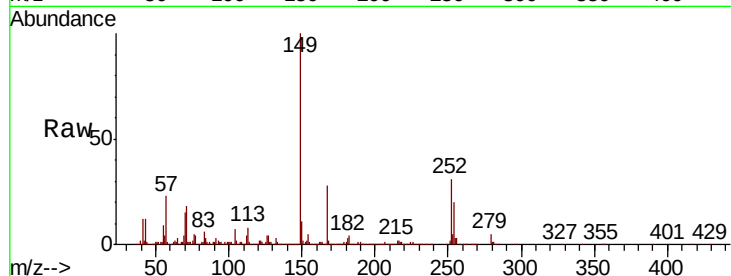
279 4.6 3.9 5.9

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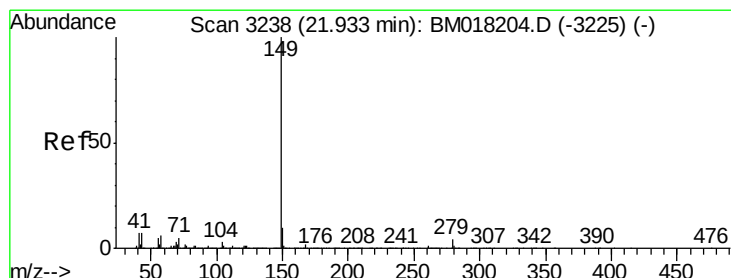
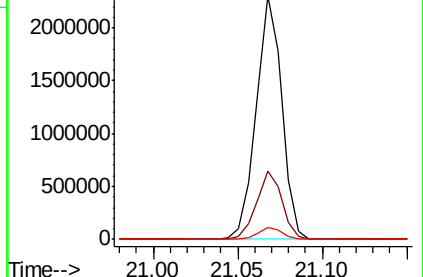
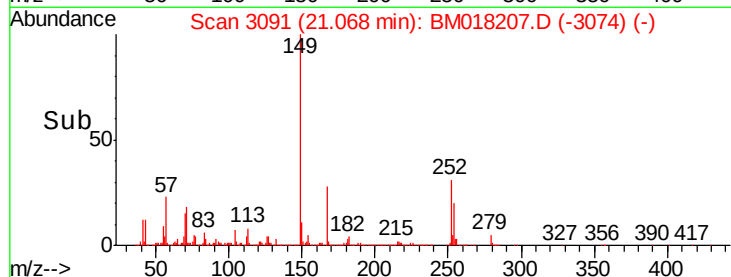
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 88.430 ng

RT: 21.93 min Scan# 3238

Delta R.T. -0.00 min

Lab File: BM018207.D

Acq: 15 Dec 2018 16:29

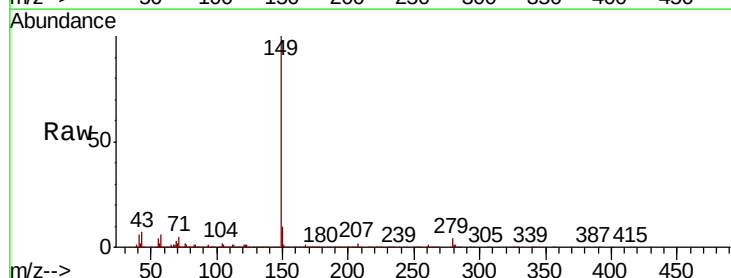
Tgt Ion:149 Resp: 3658488

Ion Ratio Lower Upper

149 100

167 1.5 1.4 2.0

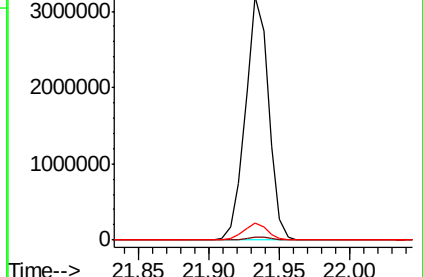
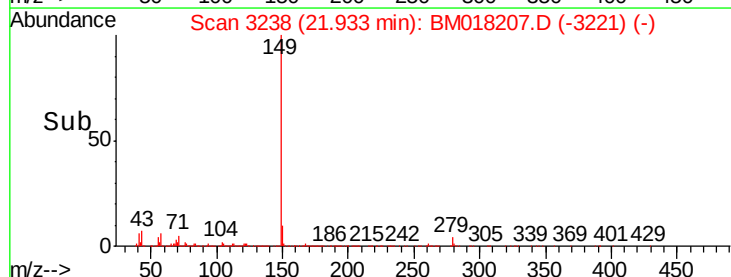
43 7.2 6.2 9.4

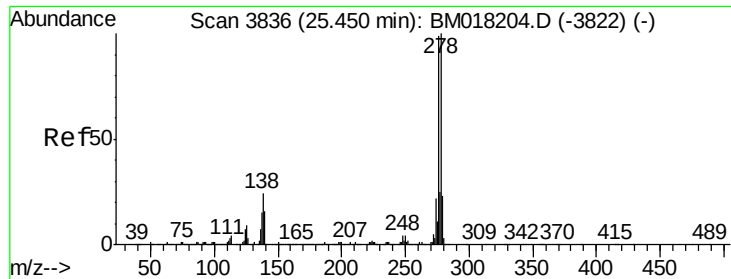


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM





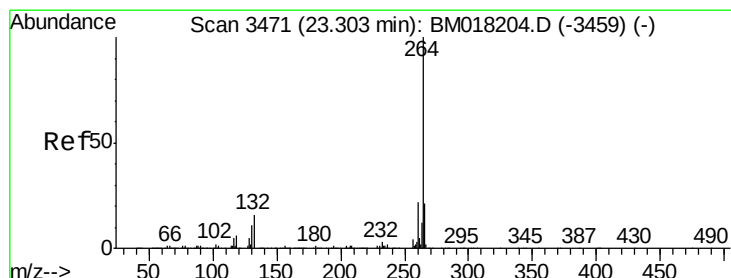
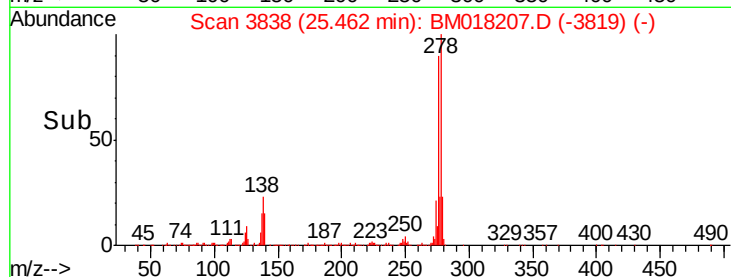
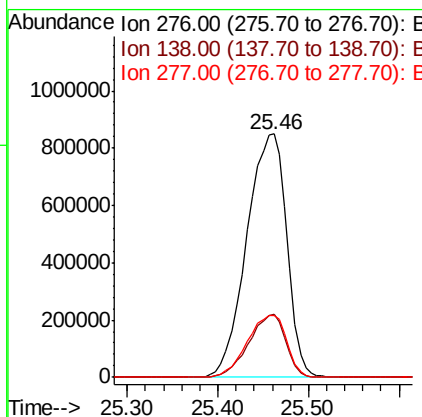
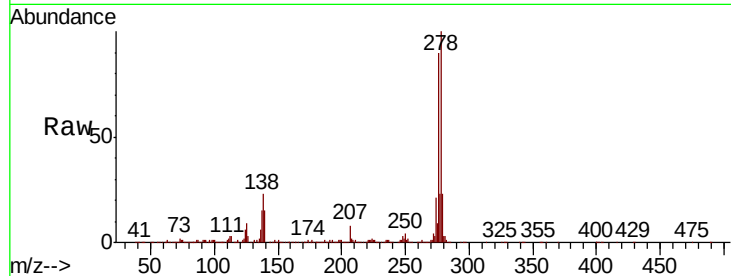
#86
Indeno(1,2,3-cd)pyrene
Concen: 82.687 ng
RT: 25.46 min Scan# 3838
Delta R.T. 0.01 min
Lab File: BM018207.D
Acq: 15 Dec 2018 16:29

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.9	18.6	28.0
277	25.3	20.3	30.5

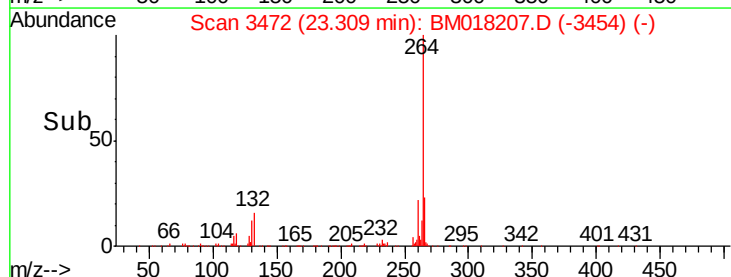
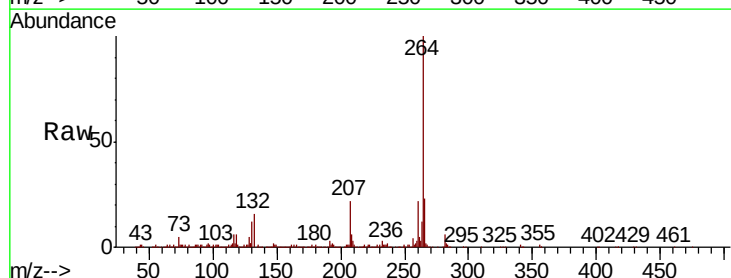
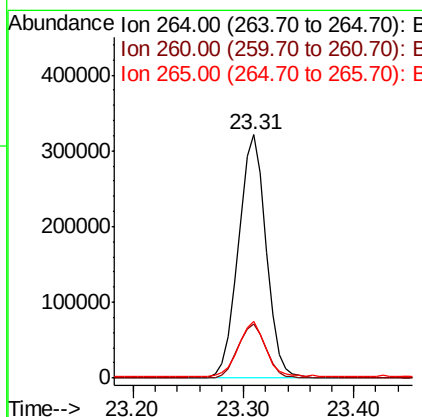
Manual Integrations
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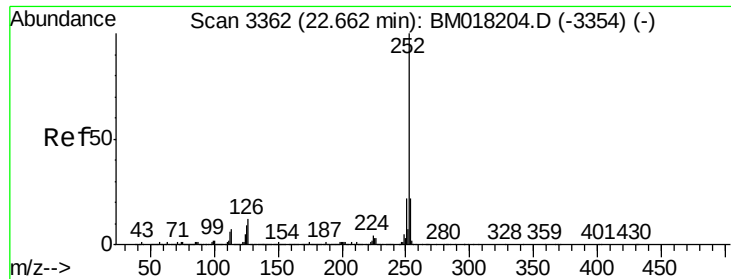
Sohil
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#87
Perylene-d12
Concen: 20.000 ng
RT: 23.31 min Scan# 3472
Delta R.T. 0.01 min
Lab File: BM018207.D
Acq: 15 Dec 2018 16:29

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.5	17.5	26.3
265	23.3	17.3	25.9





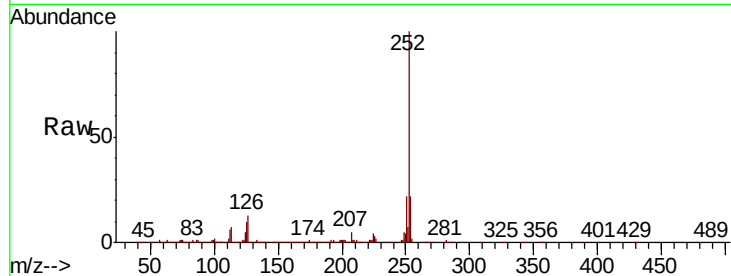
#88
Benzo(b)fluoranthene
Concen: 81.346 ng
RT: 22.67 min Scan# 3363
Delta R.T. 0.01 min
Lab File: BM018207.D
Acq: 15 Dec 2018 16:29

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

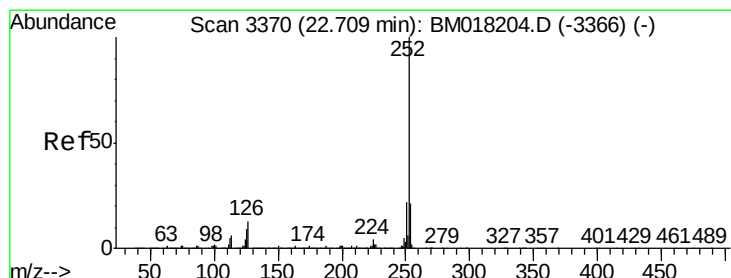
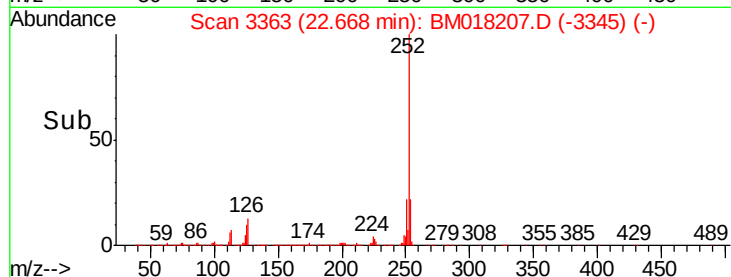
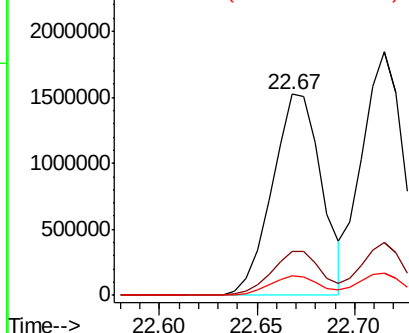
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	9.7	7.4	11.0

Manual Integrations
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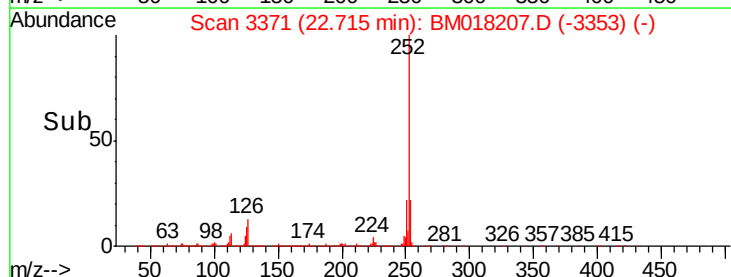
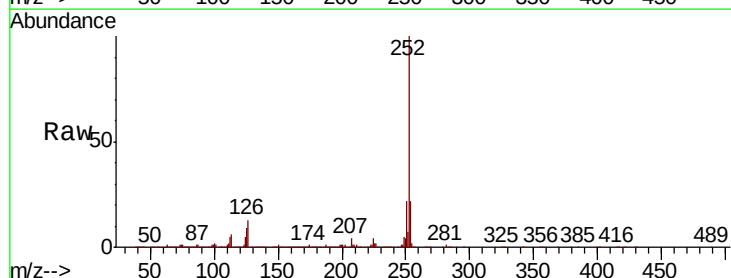
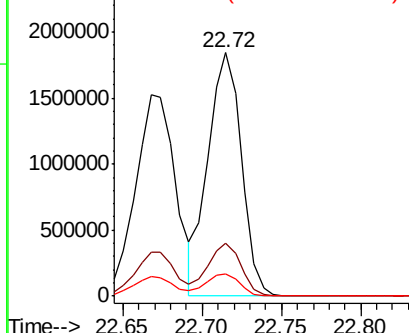
Abundance Ion 252.00 (251.70 to 252.70): E
2500000
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

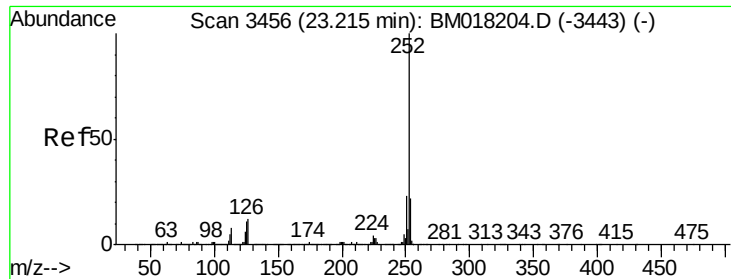


#89
Benzo(k)fluoranthene
Concen: 81.837 ng
RT: 22.72 min Scan# 3371
Delta R.T. 0.01 min
Lab File: BM018207.D
Acq: 15 Dec 2018 16:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	16.9	25.3
125	9.1	7.5	11.3

Abundance Ion 252.00 (251.70 to 252.70): E
2500000
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 82.415 ng

RT: 23.22 min Scan# 3457

Delta R.T. 0.01 min

Lab File: BM018207.D

Acq: 15 Dec 2018 16:29

Instrument :

BNA_M

ClientSampleId :

SSTDIC080

Tot Ion:252 Resp: 2478718

Ion Ratio Lower Upper

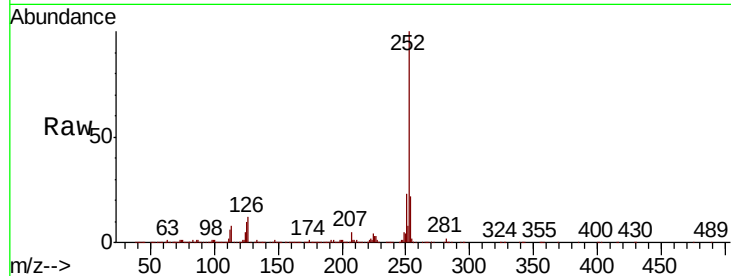
252 100

253 21.6 17.6 26.4

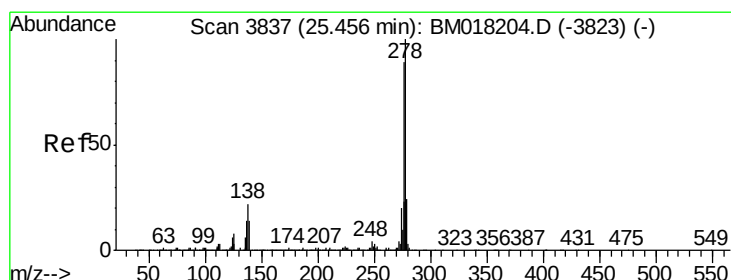
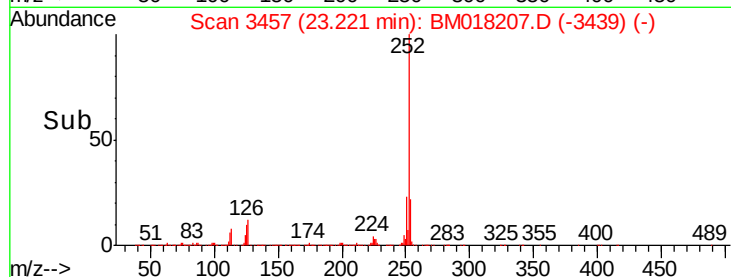
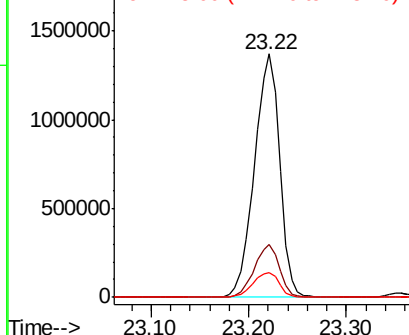
125 10.4 8.6 12.8

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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



#91

Dibenzo(a,h)anthracene

Concen: 87.217 ng

RT: 25.46 min Scan# 3838

Delta R.T. 0.01 min

Lab File: BM018207.D

Acq: 15 Dec 2018 16:29

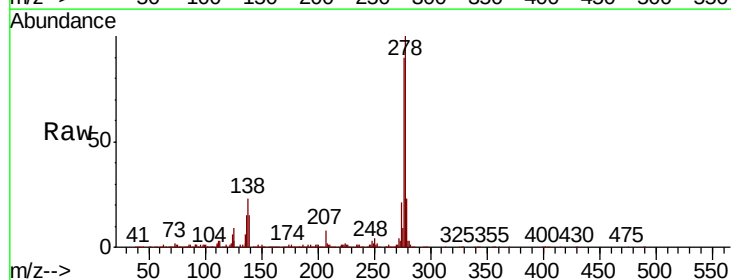
Tgt Ion:278 Resp: 2249140

Ion Ratio Lower Upper

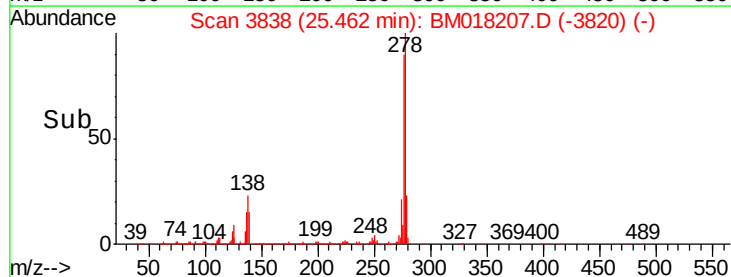
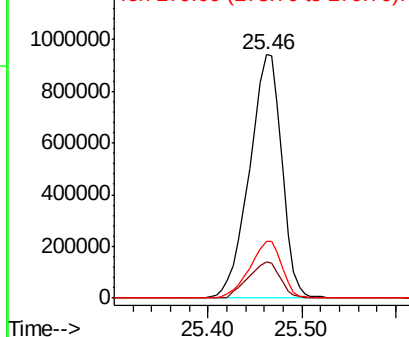
278 100

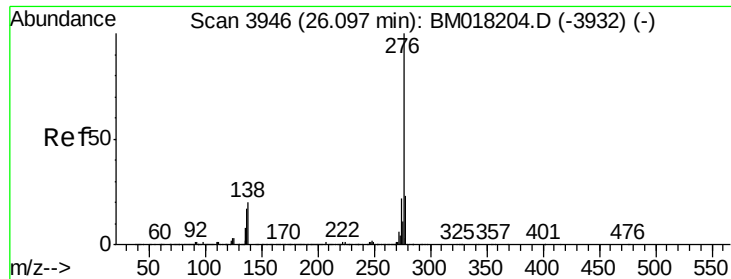
139 15.1 11.6 17.4

279 23.4 19.2 28.8



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#92
 Benzo(a,h,i)perylene
 Concen: 87.819 ng
 RT: 26.11 min Scan# 3948
 Delta R.T. 0.01 min
 Lab File: BM018207.D
 Acq: 15 Dec 2018 16:29

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tot Ion:	276	Resp:	2126711
Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.7	28.1
138	19.9	15.8	23.8

Manual Integrations
 APPROVED

Sohil
 12/17/2018 4:19:46 PM

