Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101918\
Data File : BM017259.D
Acq On : 20 Oct 2018 11:25
Operator : MJ/SJ
Sample : J5195-04MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JC-02-101818-AMSD

Manual Integrations APPROVED
Sohil
10/22/2018 1:09:52 PM

Quant Time: Oct 22 04:05:43 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 17 14:23:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	357501	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	1491053	20.00	ng	-0.01
39) Acenaphthene-d10	14.31	164	873804	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1906246	20.00	ng	-0.01
76) Chrysene-d12	21.25	240	1706148	20.00	ng	-0.01
87) Perylene-d12	23.46	264	1459747	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	2430162	114.97	ng	0.00
7) Phenol-d6	6.85	99	2979573	103.50	ng	0.00
23) Nitrobenzene-d5	8.82	82	2219248	87.05	ng	-0.01
42) 2,4,6-Tribromophenol	15.80	330	1480699	125.30	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	5015696	76.37	ng	-0.01
79) Terphenyl-d14	19.70	244	7049029	93.13	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	321202	29.759	ng	# 79
3) Pyridine	3.66	79	895755	36.068	ng	# 86
4) n-Nitrosodimethylamine	3.57	42	447431	44.878	ng	# 70
6) Aniline	7.01	93	358116	9.946	ng	96
8) 2-Chlorophenol	7.24	128	1200327	49.087	ng	97
9) Benzaldehyde	6.82	77	424817	23.144	ng	99
10) Phenol	6.87	94	1273249	41.096	ng	99
11) bis(2-Chloroethyl)ether	7.10	93	1108188	44.869	ng	99
12) 1,3-Dichlorobenzene	7.56	146	1270158	44.558	ng	98
13) 1,4-Dichlorobenzene	7.70	146	1287160	44.196	ng	97
14) 1,2-Dichlorobenzene	8.02	146	1239040	44.157	ng	98
15) Benzyl Alcohol	7.91	79	1090730	51.835	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.20	45	1499547	43.458	ng	99
17) 2-Methylphenol	8.11	107	991806	49.873	ng	98
18) Hexachloroethane	8.73	117	460333	46.186	ng	99
19) n-Nitroso-di-n-propylamine	8.47	70	923879	48.739	ng	98
20) 3+4-Methylphenols	8.44	107	1341073	49.306	ng	99
22) Acetophenone	8.49	105	1828641	48.381	ng	# 99
24) Nitrobenzene	8.86	77	1344842	49.869	ng	96
25) Isophorone	9.39	82	2502174	59.436	ng	98
26) 2-Nitrophenol	9.56	139	669173	52.424	ng	98
27) 2,4-Dimethylphenol	9.63	122	1150424	61.800	ng	99
28) bis(2-Chloroethoxy)methane	9.87	93	1572865	53.082	ng	99
29) 2,4-Dichlorophenol	10.09	162	1193120	55.203	ng	98
30) 1,2,4-Trichlorobenzene	10.30	180	1228494	47.381	ng	98
31) Naphthalene	10.49	128	3755267	51.393	ng	100
32) Benzoic acid	9.79	122	707373	50.929	ng	95
33) 4-Chloroaniline	10.62	127	167704	5.314	ng	97
34) Hexachlorobutadiene	10.77	225	739063	44.987	ng	99
35) Caprolactam	11.41	113	277963m	35.289	ng	
36) 4-Chloro-3-methylphenol	11.74	107	1286700	52.814	ng	98
37) 2-Methylnaphthalene	12.11	142	2843427	56.866	ng	99
38) 1-Methylnaphthalene	12.33	142	2701515	55.511	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	1465854	47.635	ng	98

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Quant Time: Oct 22 04:05:43 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 17 14:23:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	1975867	132.819	ng		99
43) 2,4,6-Trichlorophenol	12.73	196	981592	54.950	ng		99
44) 2,4,5-Trichlorophenol	12.80	196	1065880	55.643	ng		97
46) 1,1'-Biphenyl	13.13	154	3610495	45.916	ng		99
47) 2-Chloronaphthalene	13.17	162	2805826	48.503	ng		98
48) 2-Nitroaniline	13.39	65	824302	50.149	ng		94
49) Acenaphthylene	14.03	152	4575868	54.572	ng		100
50) Dimethylphthalate	13.78	163	3510072	52.067	ng		100
51) 2,6-Dinitrotoluene	13.90	165	784513	52.873	ng		99
52) Acenaphthene	14.37	154	2666050	50.639	ng		98
53) 3-Nitroaniline	14.23	138	315792	19.651	ng		98
54) 2,4-Dinitrophenol	14.43	184	997590	111.047	ng		98
55) Dibenzofuran	14.71	168	4236897	48.393	ng		98
56) 4-Nitrophenol	14.54	139	1622758	108.983	ng		96
57) 2,4-Dinitrotoluene	14.69	165	1080302	54.171	ng	#	99
58) Fluorene	15.36	166	3416627	52.723	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.94	232	966379	55.345	ng		99
60) Diethylphthalate	15.15	149	3499864	52.349	ng		99
61) 4-Chlorophenyl-phenylether	15.36	204	1743699	47.198	ng		99
62) 4-Nitroaniline	15.40	138	788268	44.355	ng		99
63) Azobenzene	15.66	77	3295919	50.720	ng		99
65) 4,6-Dinitro-2-methylphenol	15.45	198	646860	52.137	ng		98
66) n-Nitrosodiphenylamine	15.58	169	3018543	52.339	ng		99
67) 4-Bromophenyl-phenylether	16.26	248	1122277	53.619	ng		98
68) Hexachlorobenzene	16.36	284	1200135	49.362	ng		99
69) Atrazine	16.54	200	1087124	52.667	ng		99
70) Pentachlorophenol	16.71	266	1429585	85.834	ng		100
71) Phenanthrene	17.10	178	5265519	51.197	ng		100
72) Anthracene	17.19	178	5364702	54.896	ng		100
73) Carbazole	17.47	167	4715119	47.234	ng		100
74) Di-n-butylphthalate	18.03	149	5740542	54.522	ng		99
75) Fluoranthene	19.12	202	5814729	50.243	ng		99
77) Benzidine	19.32	184	313586	7.249	ng		98
78) Pyrene	19.49	202	5807909	60.907	ng		99
80) Butylbenzylphthalate	20.40	149	2392858	63.261	ng		96
81) Benzo(a)anthracene	21.23	228	5174617	53.895	ng		100
82) 3,3'-Dichlorobenzidine	21.17	252	698000	19.506	ng		99
83) Chrysene	21.29	228	4800681	50.516	ng		99
84) Bis(2-ethylhexyl)phthalate	21.17	149	3280411	57.861	ng		99
85) Di-n-octyl phthalate	22.05	149	5109957	53.595	ng		100
86) Indeno(1,2,3-cd)pyrene	25.68	276	4699400	44.212	ng		99
88) Benzo(b)fluoranthene	22.80	252	4419905	55.381	ng		100
89) Benzo(k)fluoranthene	22.84	252	4454655	55.625	ng		99
90) Benzo(a)pyrene	23.37	252	4195338	55.364	ng		99
91) Dibenzo(a,h)anthracene	25.69	278	3959255	52.619	ng		99
92) Benzo(g,h,i)perylene	26.36	276	3944569	52.894	ng		99

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

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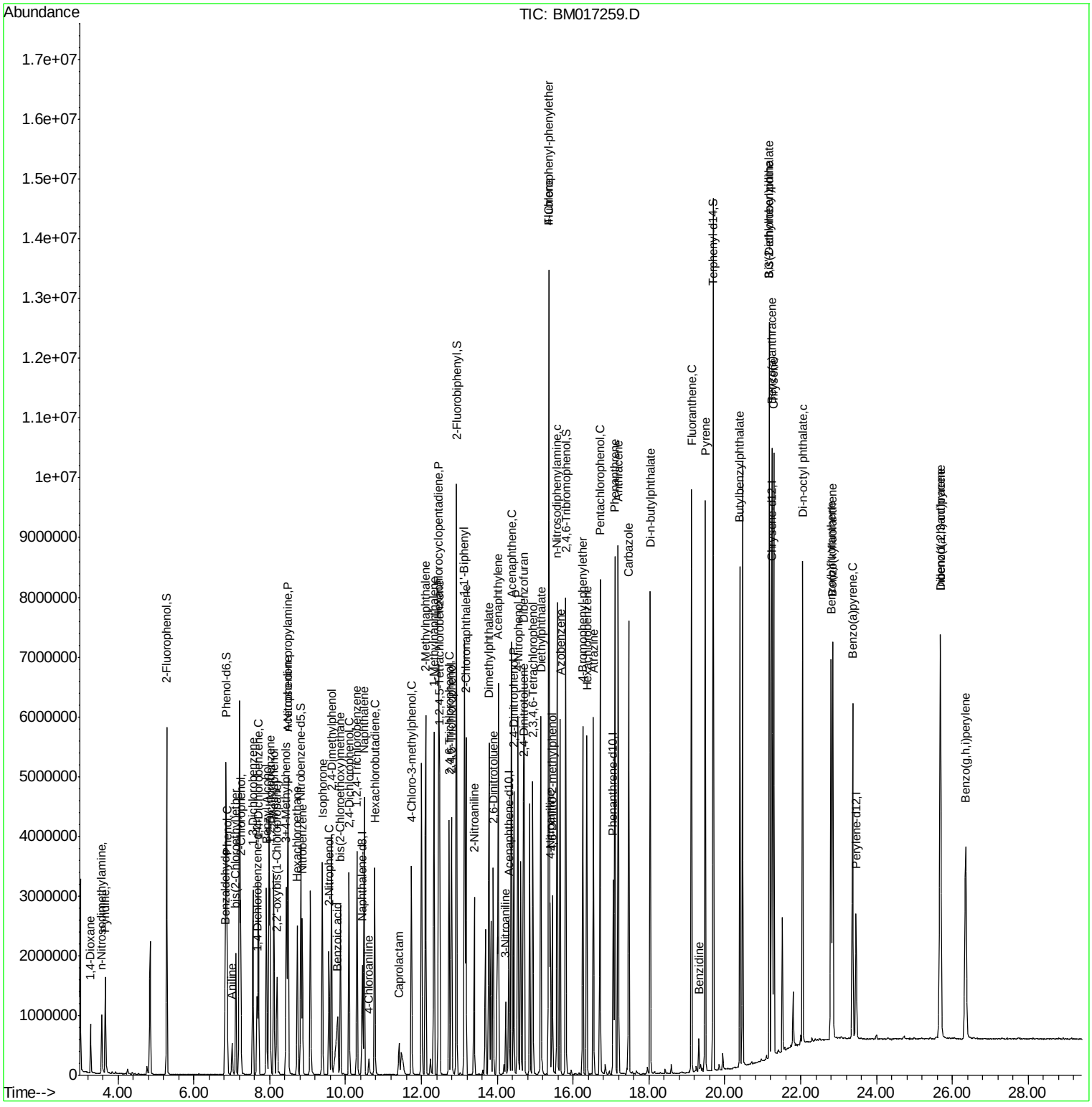
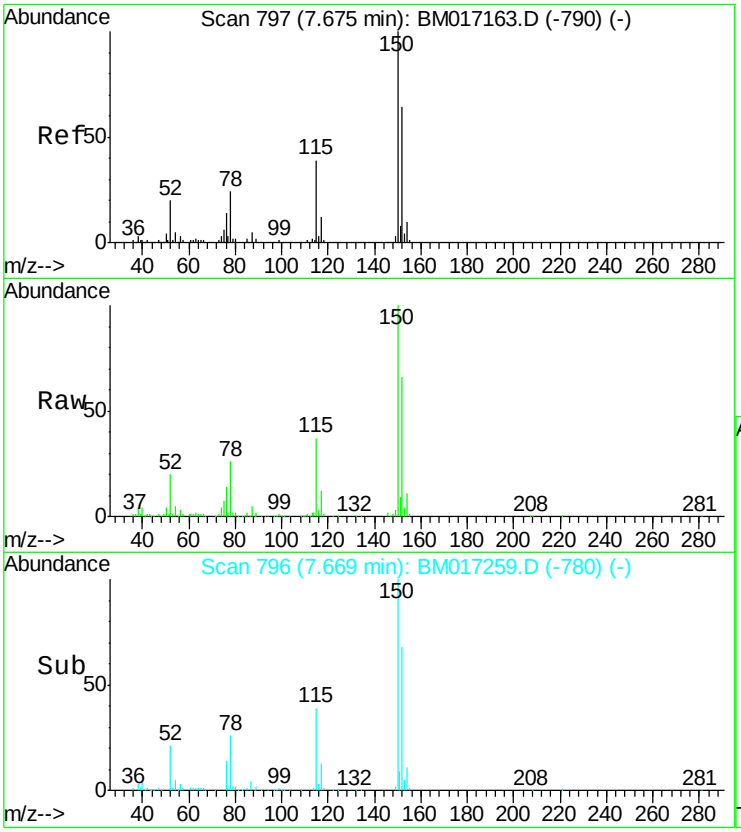
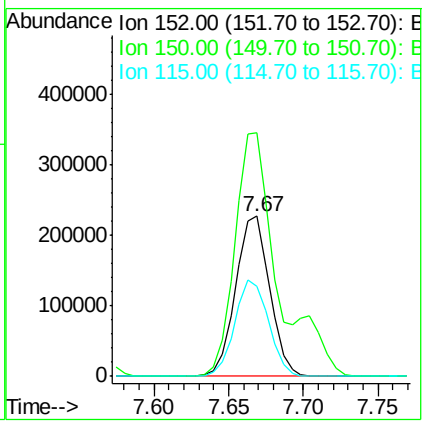




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 796
Delta R.T. -0.01 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion:152 Resp: 357501

Ion	Ratio	Lower	Upper
152	100		
150	152.4	124.3	186.5
115	56.6	48.1	72.1



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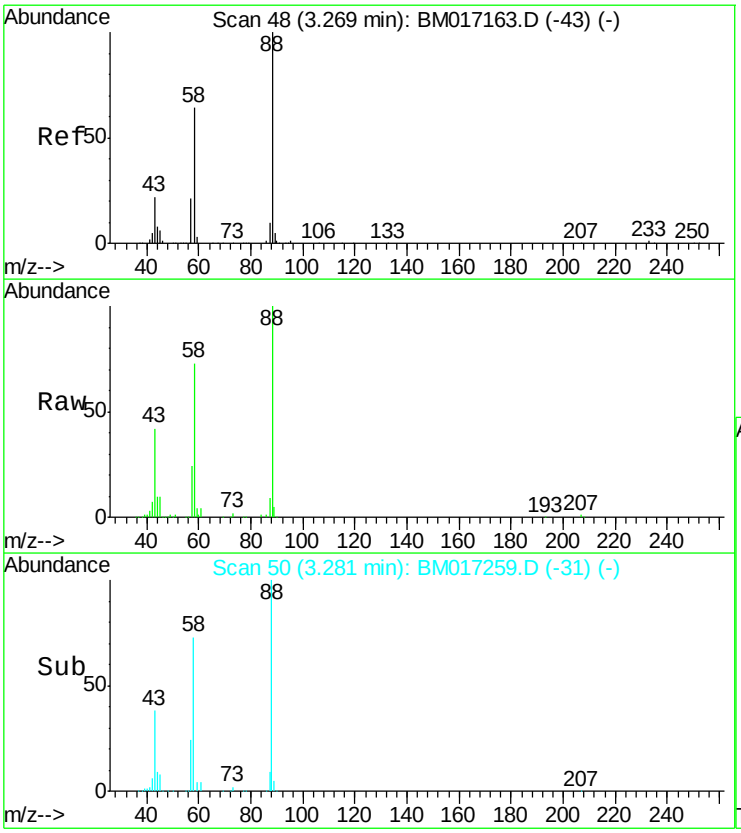
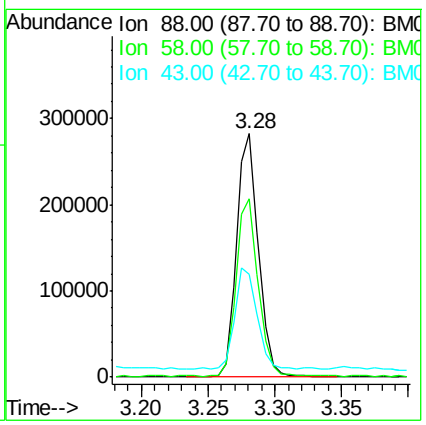
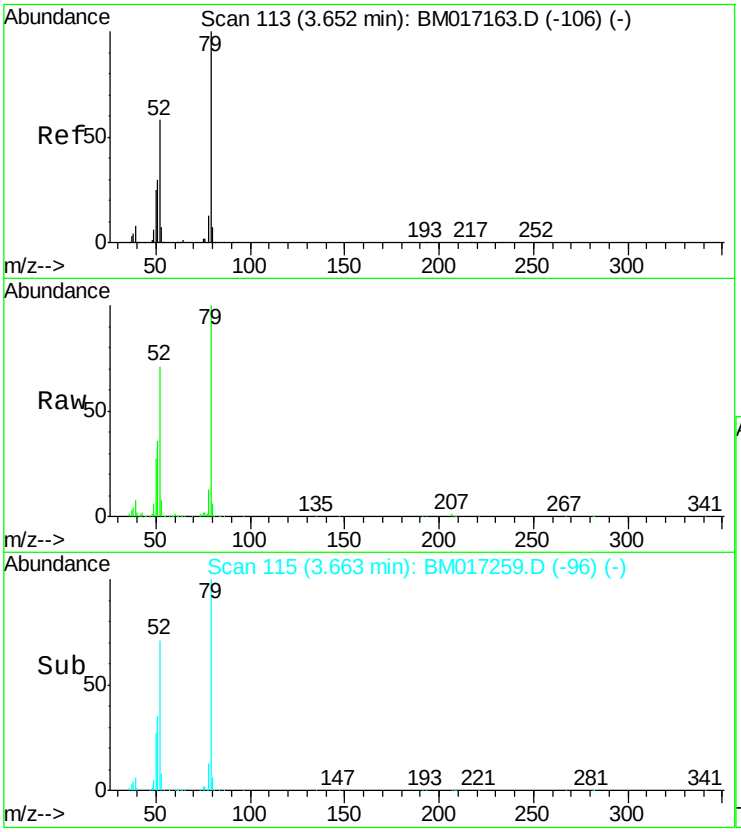


#2
1,4-Dioxane
Concen: 29.759 ng
RT: 3.28 min Scan# 50
Delta R.T. 0.01 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion: 88 Resp: 321202

Ion	Ratio	Lower	Upper
88	100		
58	73.6	50.2	75.4
43	43.0	19.3	28.9#

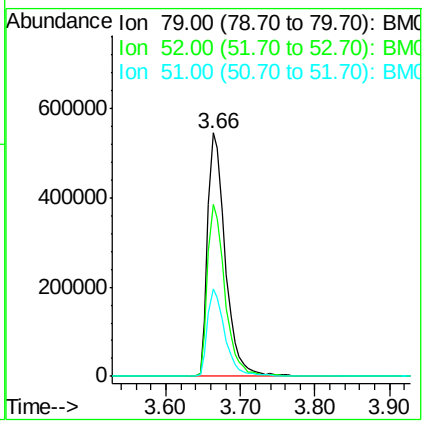




#3
Pyridine
Concen: 36.068 ng
RT: 3.66 min Scan# 115
Delta R.T. 0.01 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion: 79 Resp: 895755

Ion	Ratio	Lower	Upper
79	100		
52	70.7	46.5	69.7#
51	35.8	24.6	37.0



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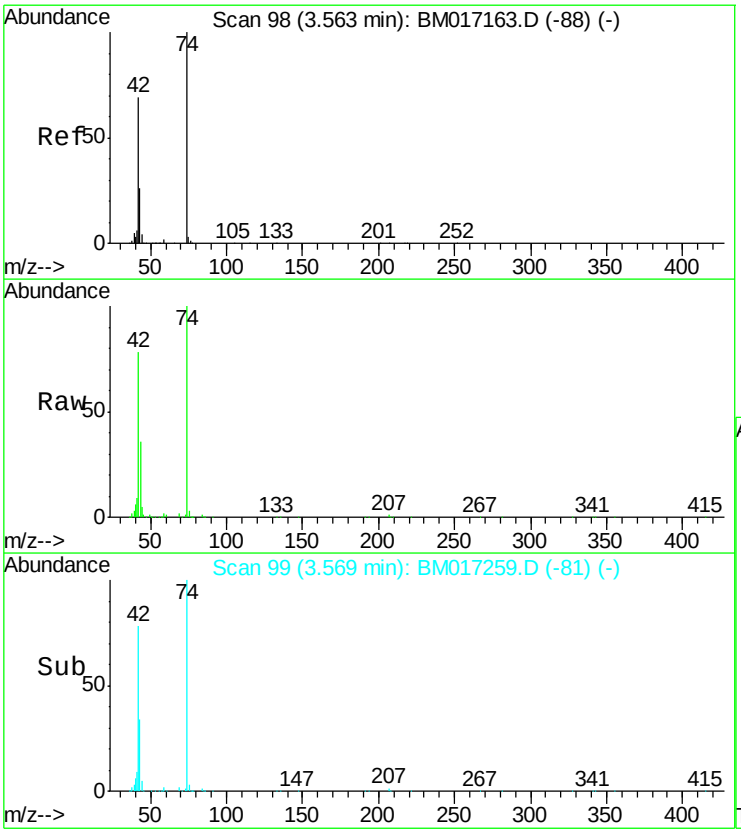
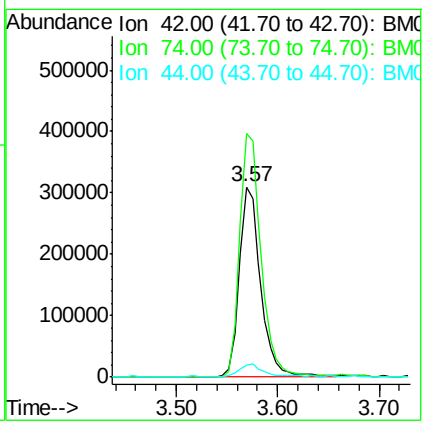
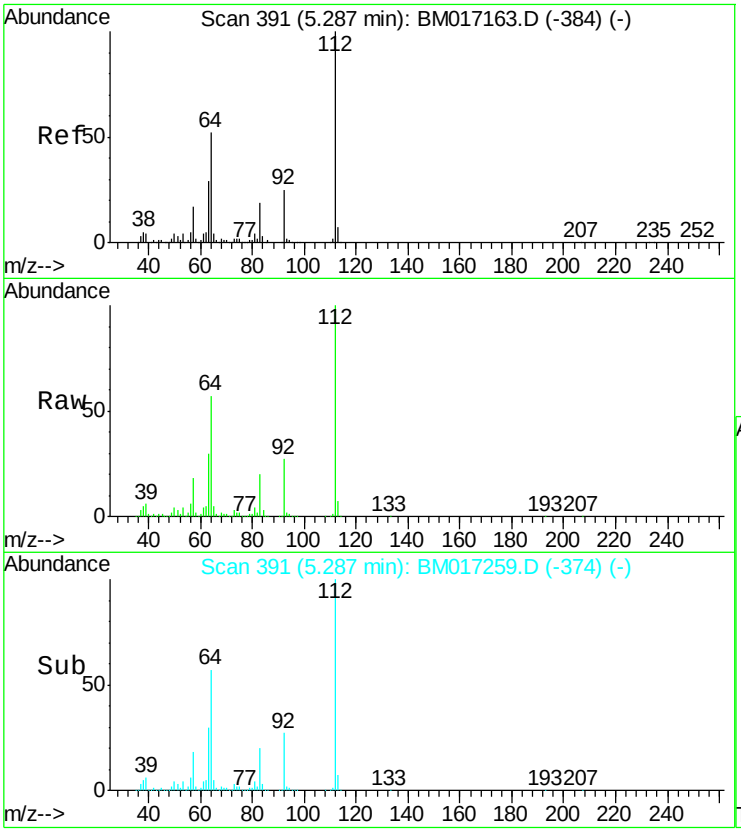


#4
n-Nitrosodimethylamine
Concen: 44.878 ng
RT: 3.57 min Scan# 99
Delta R.T. 0.01 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion: 42 Resp: 447431

Ion	Ratio	Lower	Upper
42	100		
74	128.2	114.4	171.6
44	6.5	48.6	73.0#

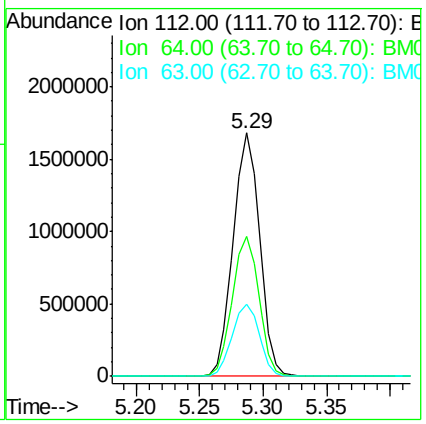




#5
2-Fluorophenol
Concen: 114.971 ng
RT: 5.29 min Scan# 391
Delta R.T. 0.00 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion:112 Resp: 2430162

Ion	Ratio	Lower	Upper
112	100		
64	57.3	41.7	62.5
63	29.8	23.0	34.4



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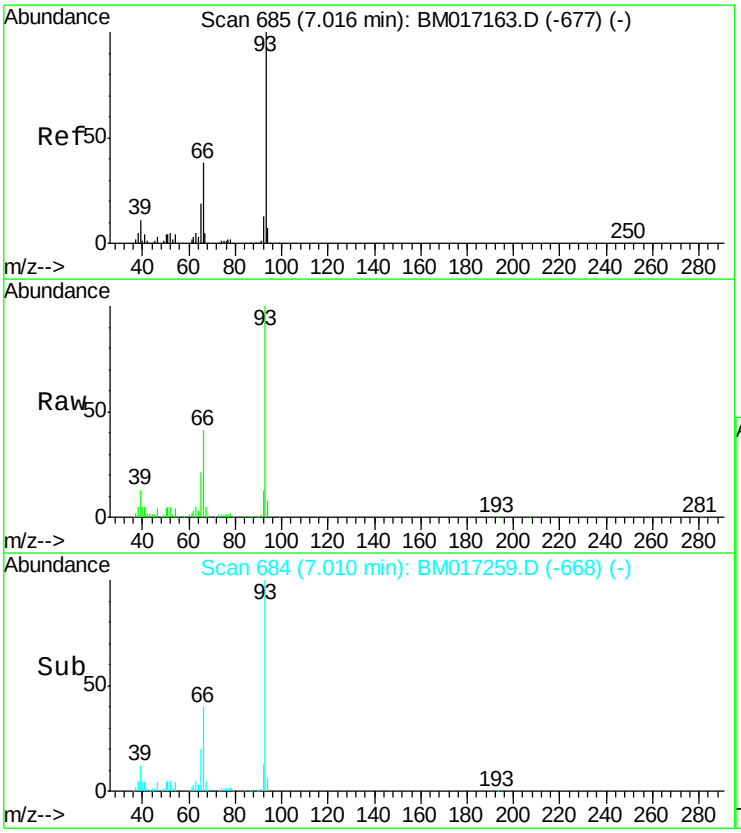
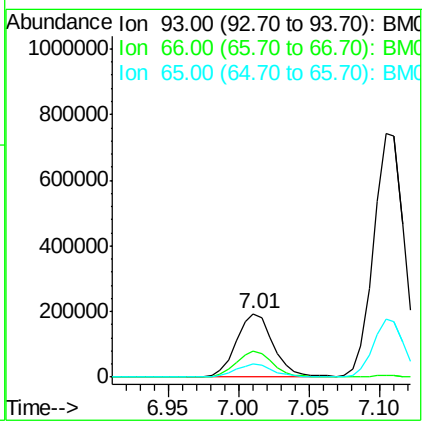
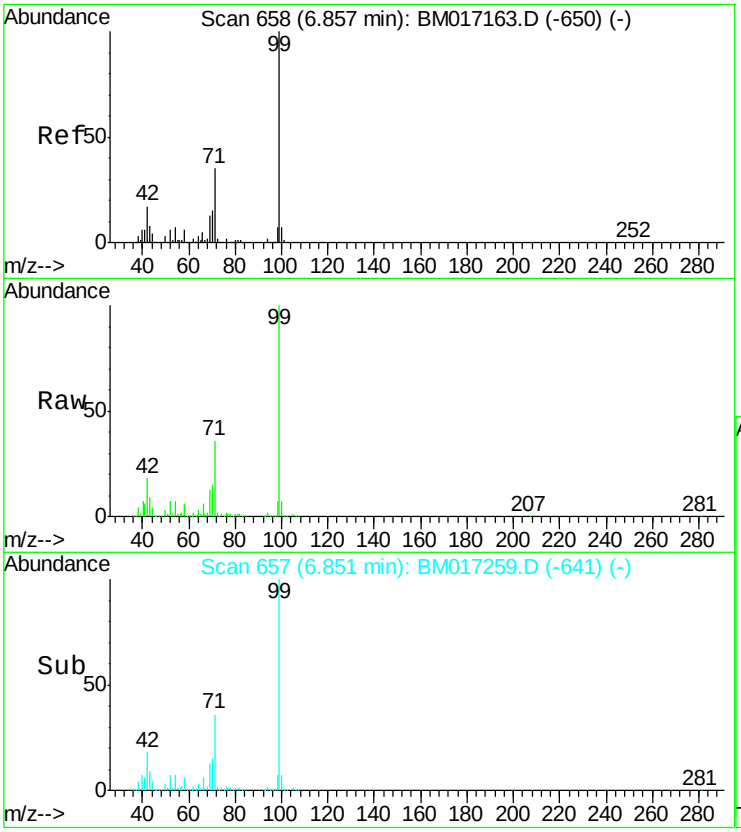


#6
Aniline
Concen: 9.946 ng
RT: 7.01 min Scan# 684
Delta R.T. -0.01 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion: 93 Resp: 358116

Ion	Ratio	Lower	Upper
93	100		
66	40.7	30.4	45.6
65	20.5	15.3	22.9

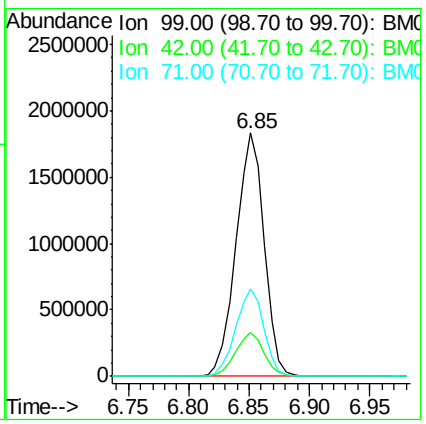




#7
Phenol-d6
Concen: 103.502 ng
RT: 6.85 min Scan# 657
Delta R.T. -0.01 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion: 99 Resp: 2979573

Ion	Ratio	Lower	Upper
99	100		
42	17.9	13.3	19.9
71	36.1	28.0	42.0



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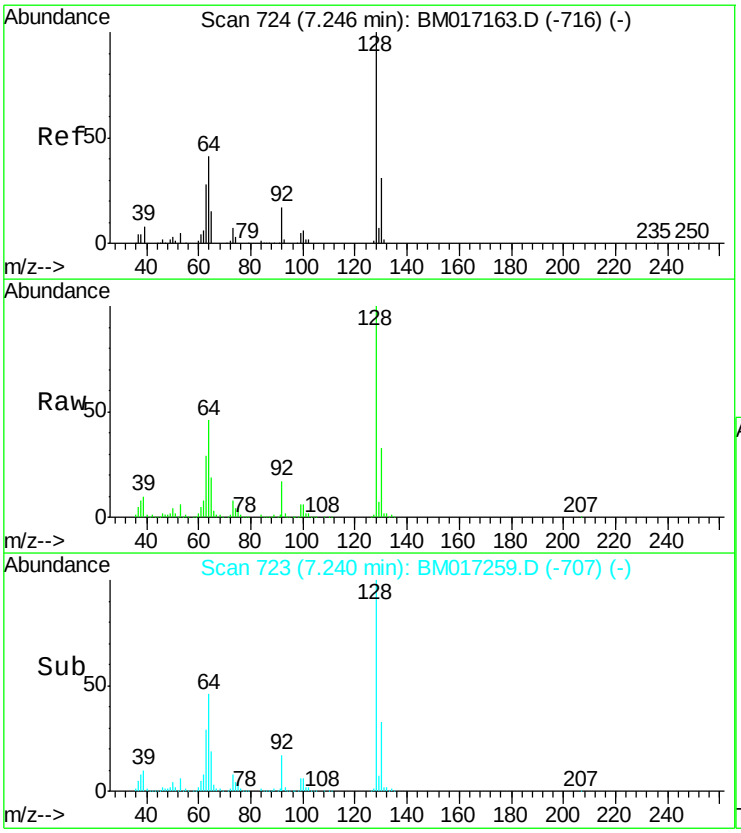
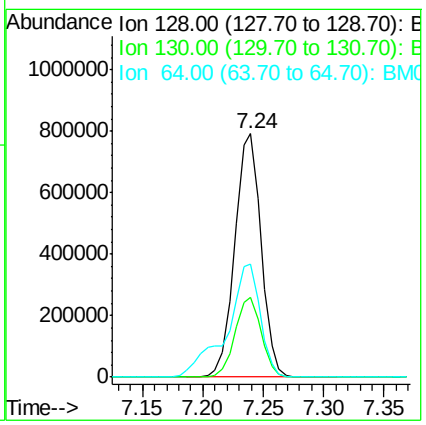
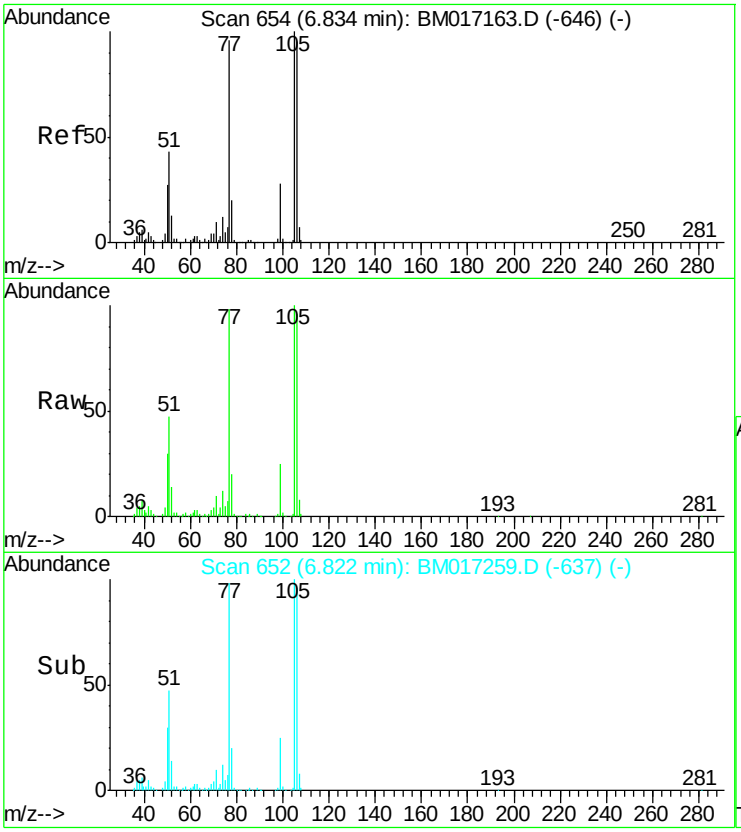


#8
2-Chlorophenol
Concen: 49.087 ng
RT: 7.24 min Scan# 723
Delta R.T. -0.01 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion:128 Resp: 1200327

Ion	Ratio	Lower	Upper
128	100		
130	32.9	11.0	51.0
64	46.2	24.1	64.1

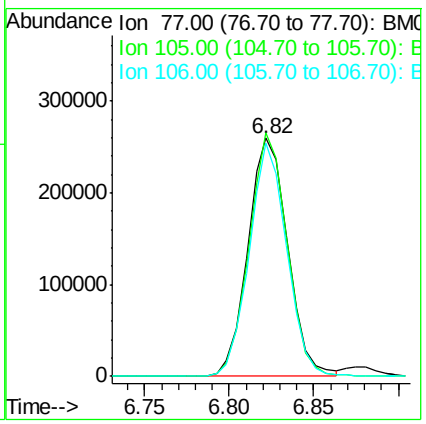




#9
Benzaldehyde
Concen: 23.144 ng
RT: 6.82 min Scan# 652
Delta R.T. -0.01 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion: 77 Resp: 424817

Ion	Ratio	Lower	Upper
77	100		
105	102.2	83.9	123.9
106	97.9	78.2	118.2



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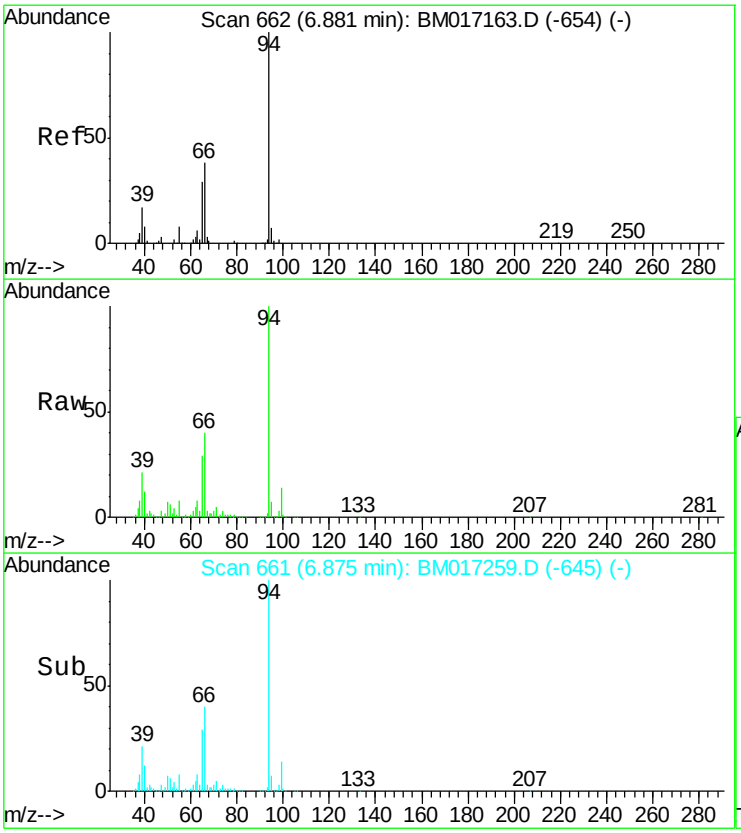
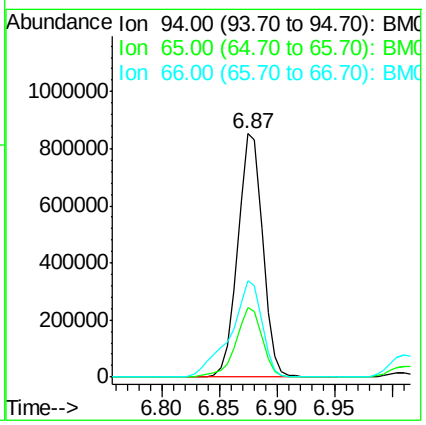
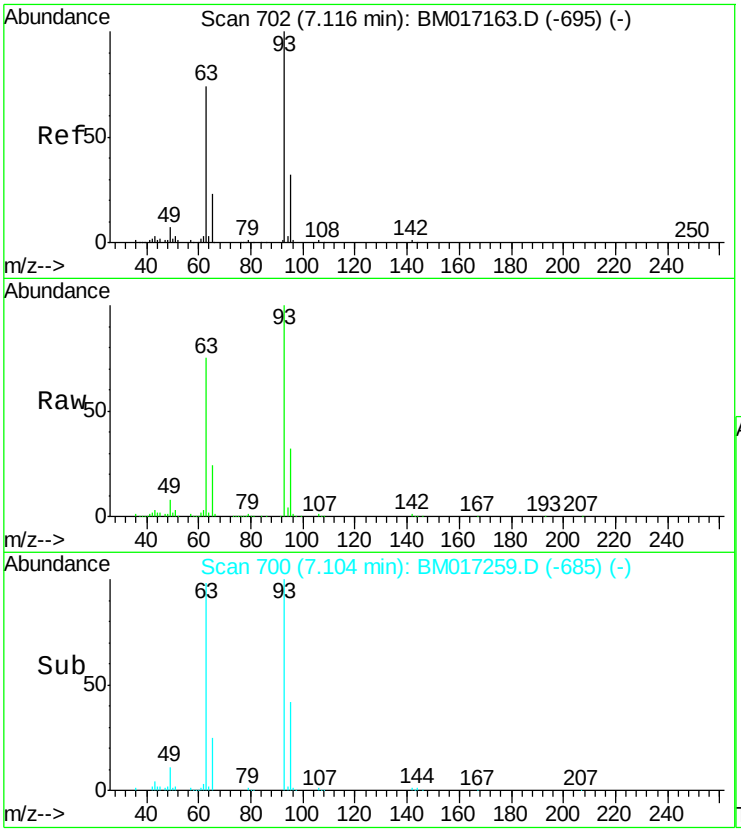


#10
Phenol
Concen: 41.096 ng
RT: 6.87 min Scan# 661
Delta R.T. -0.01 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion: 94 Resp: 1273249

Ion	Ratio	Lower	Upper
94	100		
65	28.7	9.4	49.4
66	39.8	19.0	59.0

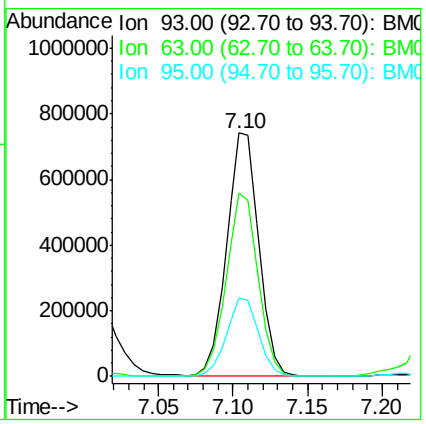




#11
bis(2-Chloroethyl)ether
Concen: 44.869 ng
RT: 7.10 min Scan# 700
Delta R.T. -0.01 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion: 93 Resp: 1108188

Ion	Ratio	Lower	Upper
93	100		
63	75.3	54.0	94.0
95	32.0	11.8	51.8



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ClientSampleId :
JC-02-101818-AMSD

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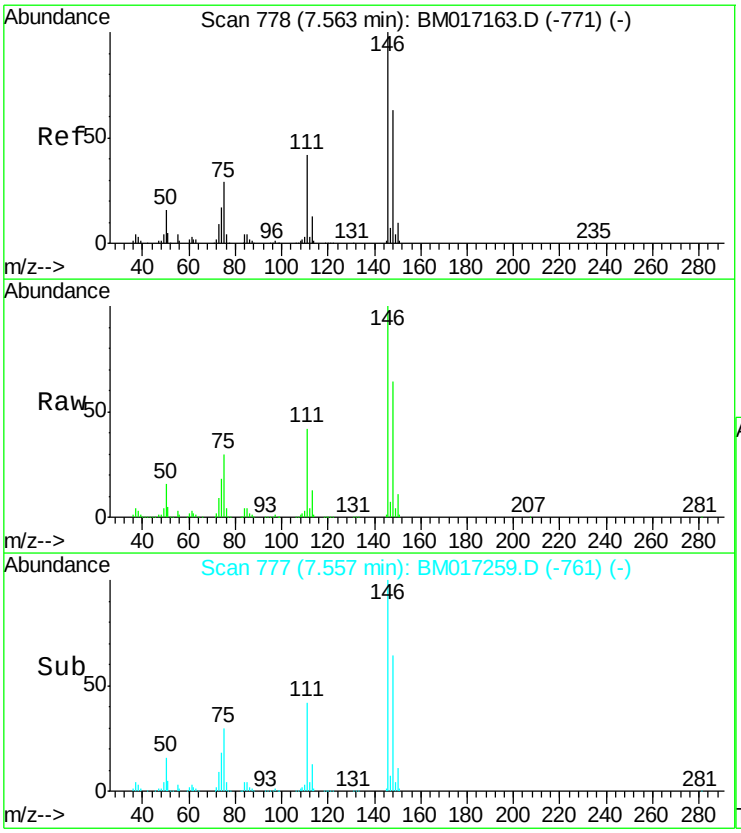
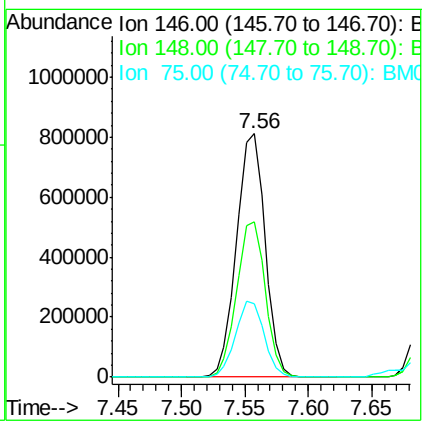
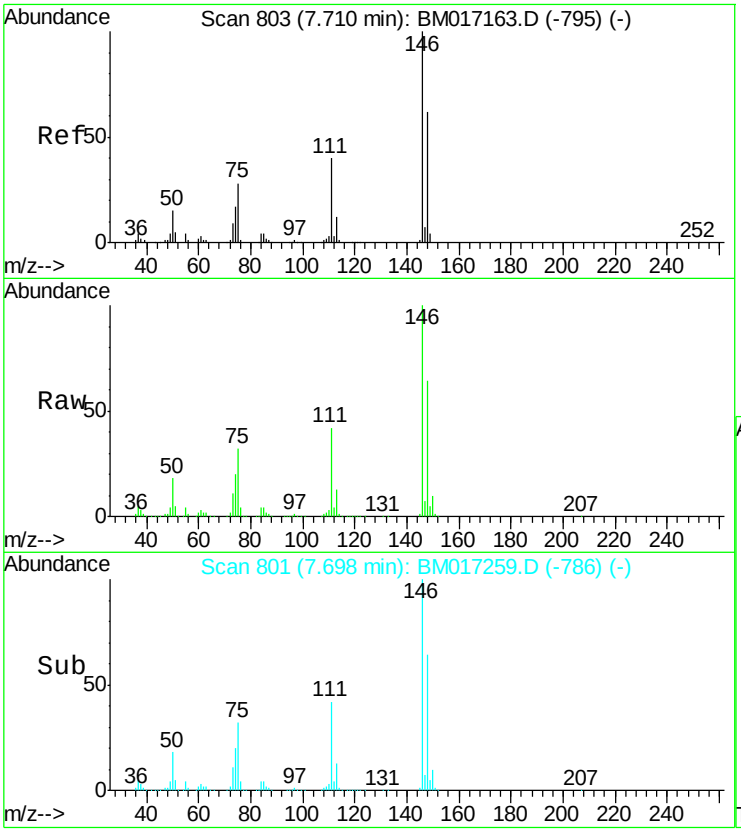


#12
1,3-Dichlorobenzene
Concen: 44.558 ng
RT: 7.56 min Scan# 777
Delta R.T. -0.01 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion:146 Resp: 1270158

Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.2	75.4
75	30.2	23.3	34.9

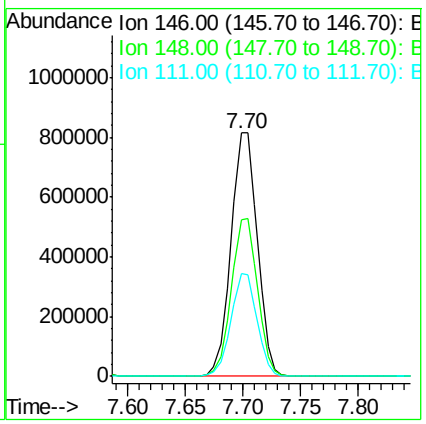




#13
1,4-Dichlorobenzene
Concen: 44.196 ng
RT: 7.70 min Scan# 801
Delta R.T. -0.01 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion:146 Resp: 1287160

Ion	Ratio	Lower	Upper
146	100		
148	64.4	49.8	74.6
111	42.2	32.1	48.1



Instrument :
BNA_M
ClientSampleId :
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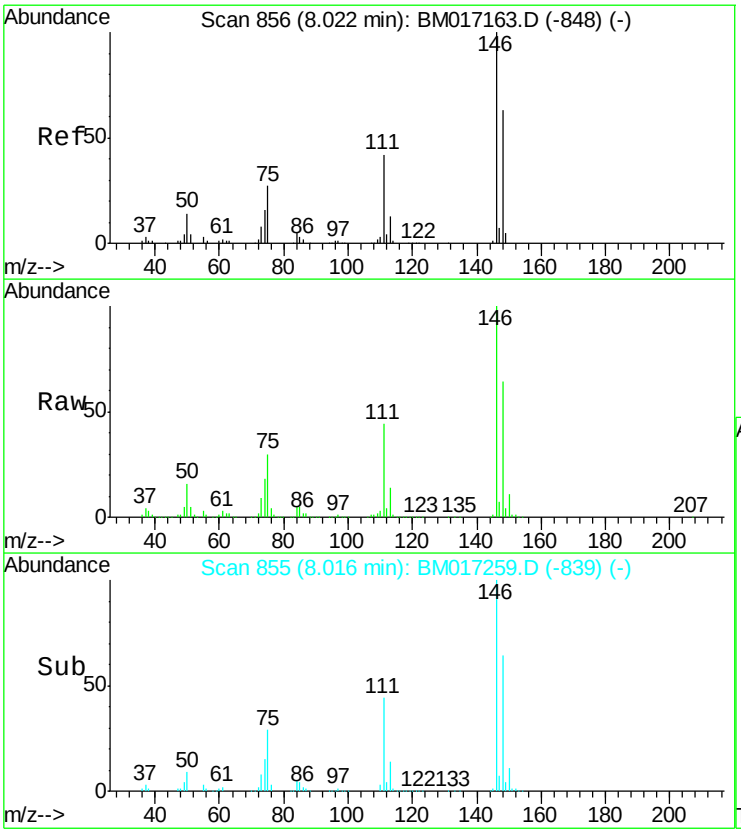
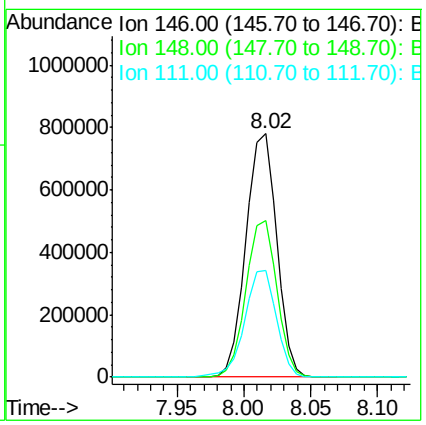
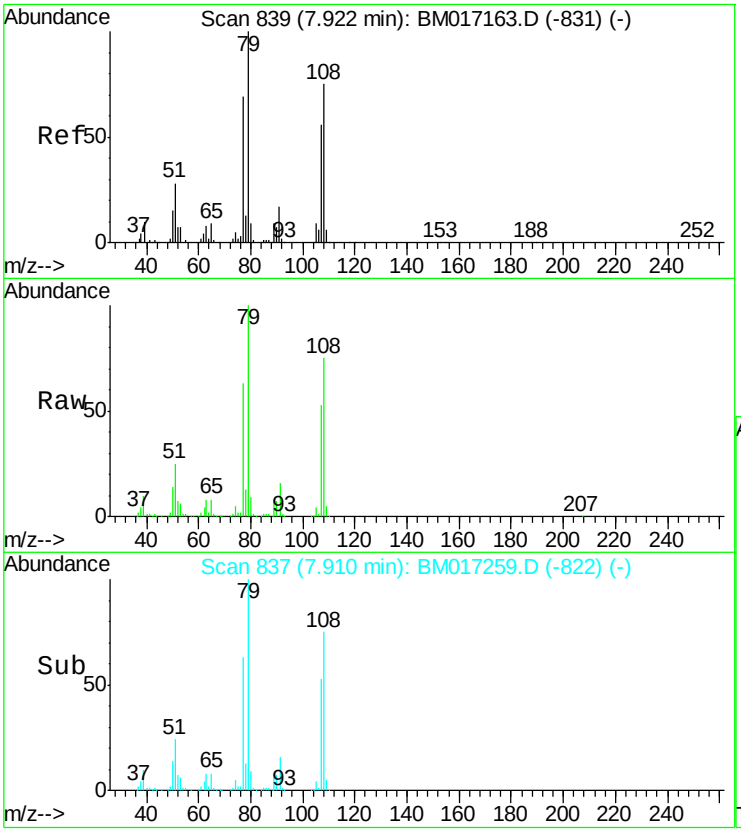


#14
1,2-Dichlorobenzene
Concen: 44.157 ng
RT: 8.02 min Scan# 855
Delta R.T. -0.01 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion:146 Resp: 1239040

Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.8	76.2
111	43.9	33.8	50.6

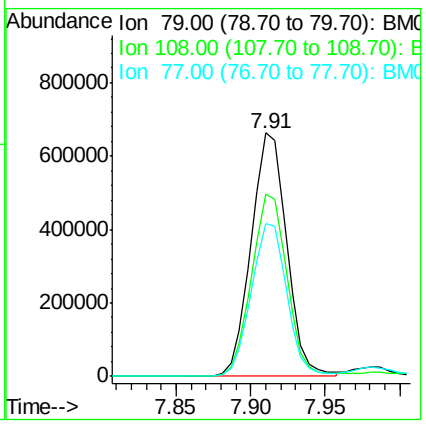




#15
Benzyl Alcohol
Concen: 51.835 ng
RT: 7.91 min Scan# 837
Delta R.T. -0.01 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion: 79 Resp: 1090730

Ion	Ratio	Lower	Upper
79	100		
108	75.0	60.3	90.5
77	63.0	54.8	82.2



Instrument :
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ClientSampleId :
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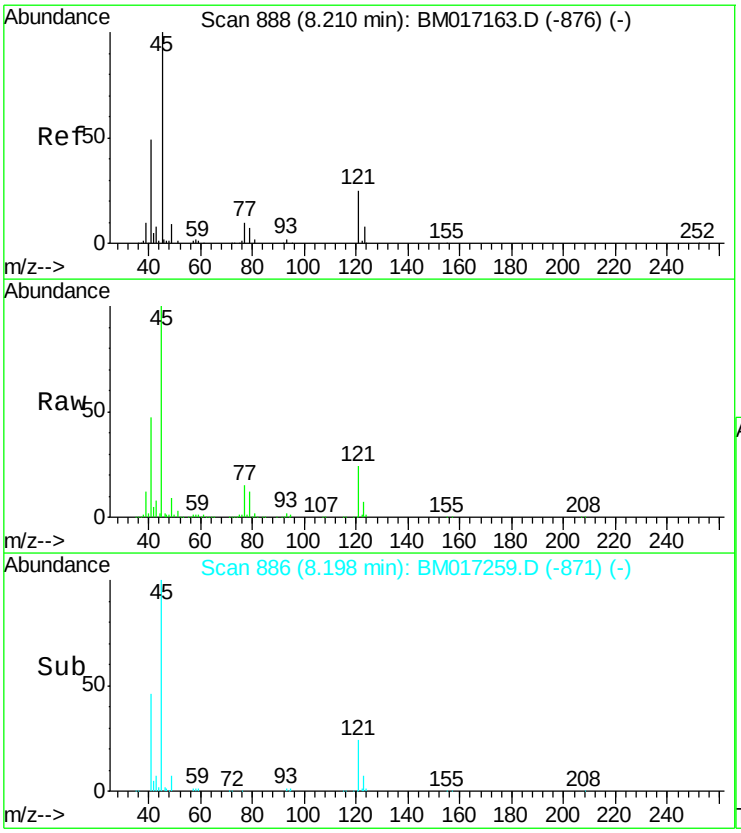
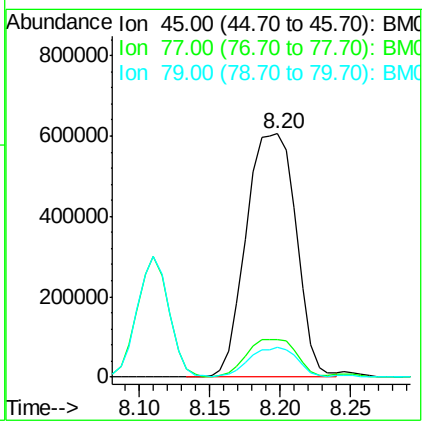
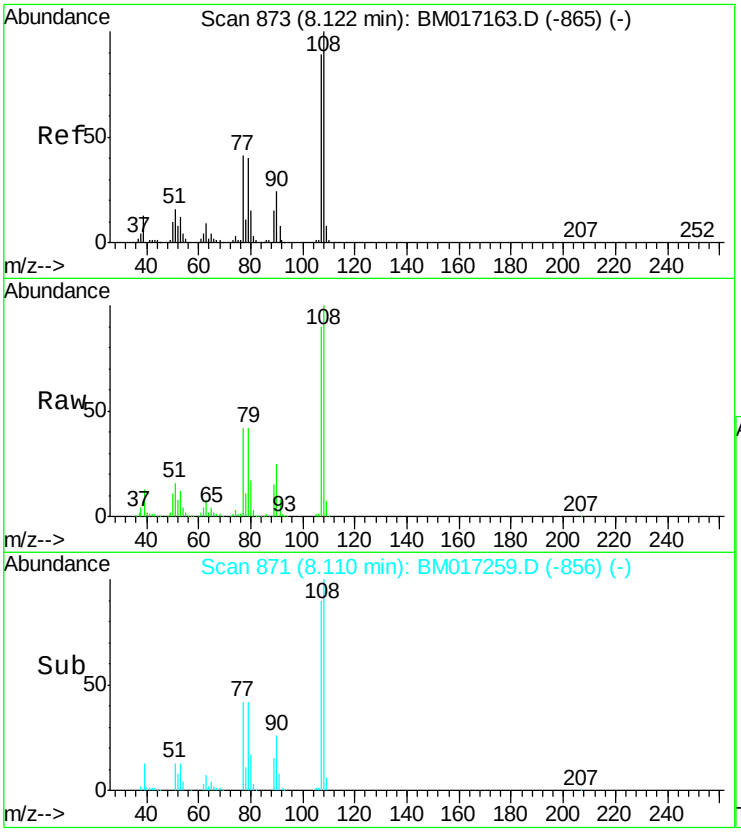


#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.458 ng
RT: 8.20 min Scan# 886
Delta R.T. -0.01 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion: 45 Resp: 1499547

Ion	Ratio	Lower	Upper
45	100		
77	15.4	0.0	35.5
79	12.4	0.0	32.1

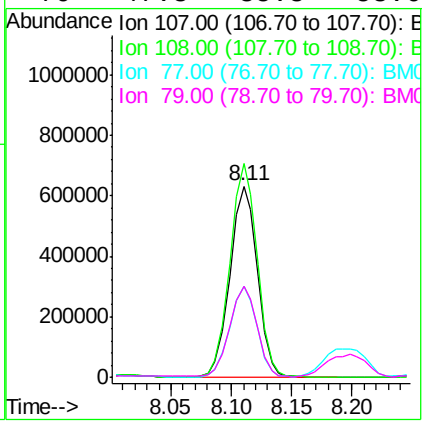




#17
2-Methylphenol
Concen: 49.873 ng
RT: 8.11 min Scan# 871
Delta R.T. -0.01 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion:107 Resp: 991806

Ion	Ratio	Lower	Upper
107	100		
108	111.6	90.3	135.5
77	47.3	37.0	55.4
79	47.3	35.8	53.6



Instrument :
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ClientSampleId :
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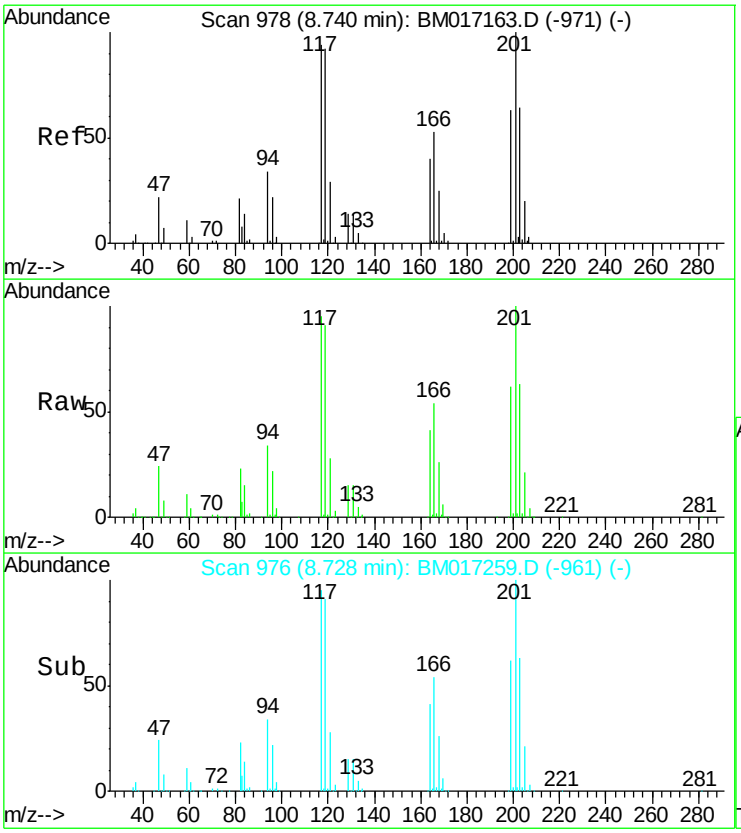
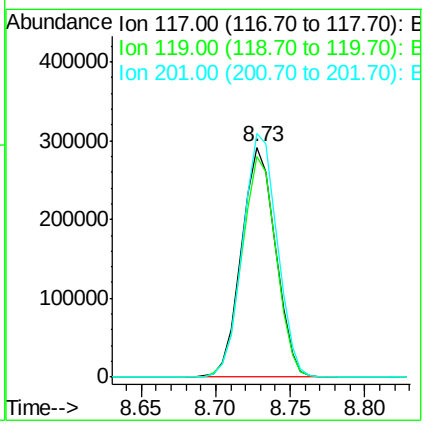
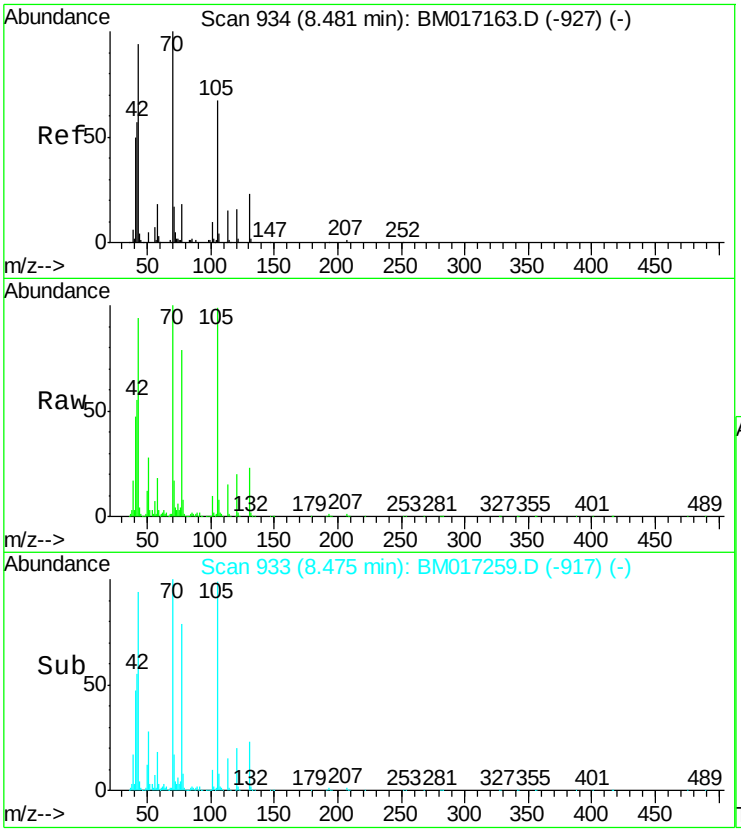


#18
Hexachloroethane
Concen: 46.186 ng
RT: 8.73 min Scan# 976
Delta R.T. -0.01 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion:117 Resp: 460333

Ion	Ratio	Lower	Upper
117	100		
119	96.0	78.2	117.2
201	105.8	85.3	127.9

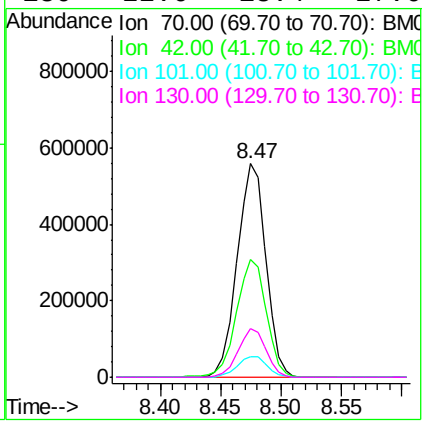




#19
n-Nitroso-di-n-propylamine
Concen: 48.739 ng
RT: 8.47 min Scan# 933
Delta R.T. -0.01 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion: 70 Resp: 923879

Ion	Ratio	Lower	Upper
70	100		
42	55.5	46.1	69.1
101	9.9	8.2	12.4
130	22.6	18.4	27.6



Instrument :
BNA_M
ClientSampleId :
JC-02-101818-AMSD

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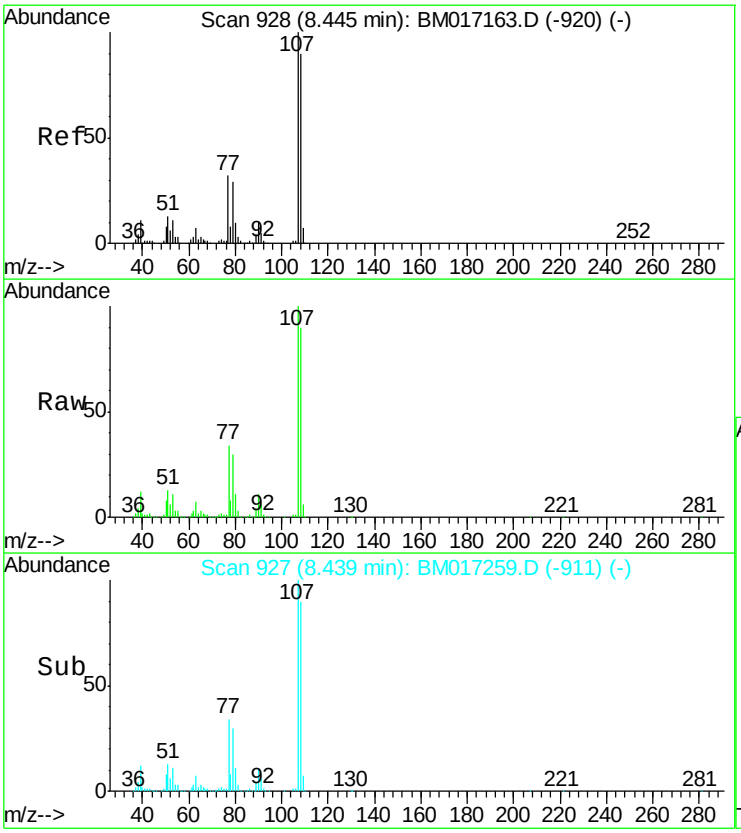
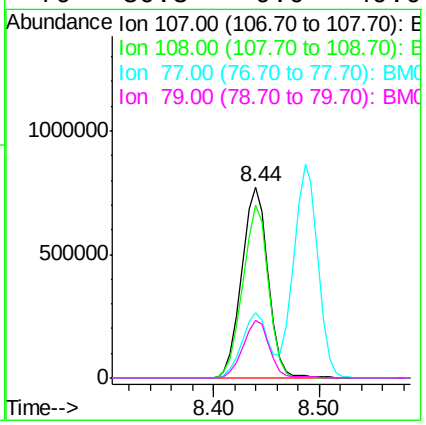
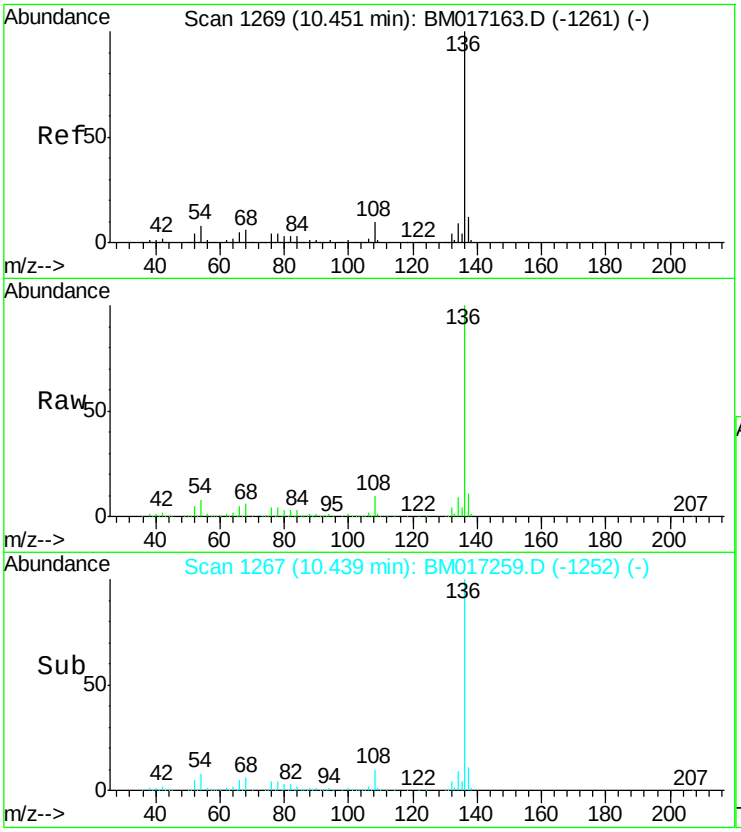


#20
3+4-Methylphenols
Concen: 49.306 ng
RT: 8.44 min Scan# 927
Delta R.T. -0.01 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion:107 Resp: 1341073

Ion	Ratio	Lower	Upper
107	100		
108	90.3	69.9	109.9
77	34.1	12.2	52.2
79	30.3	9.0	49.0

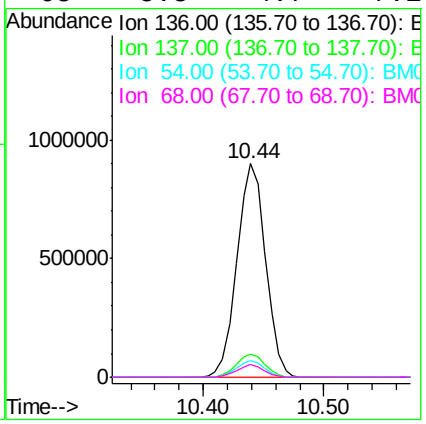




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.44 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion:136 Resp: 1491053

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	8.0	6.7	10.1
68	5.8	4.7	7.1



Instrument :
BNA_M
ClientSampleId :
JC-02-101818-AMSD

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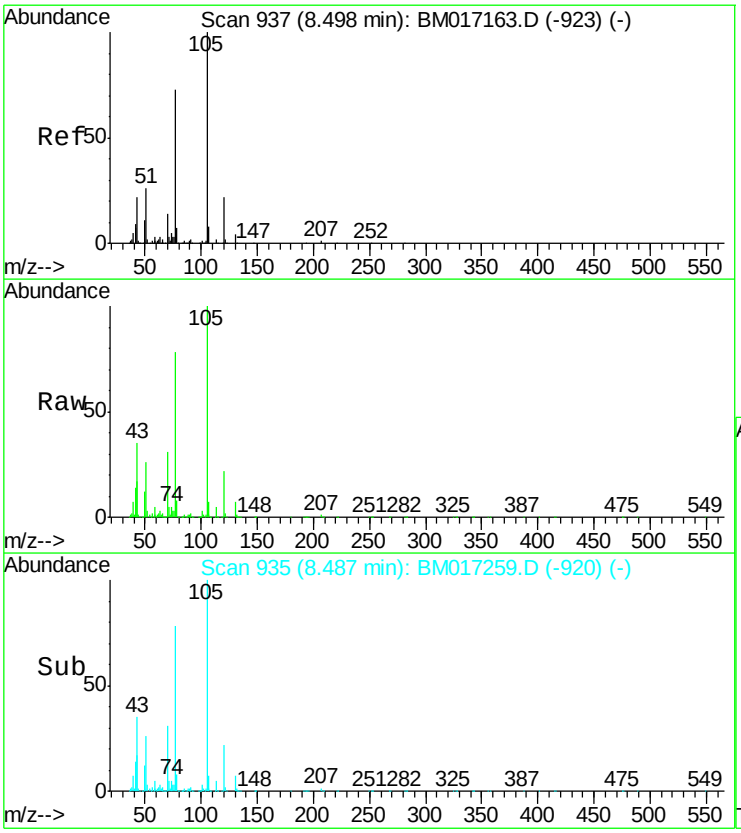
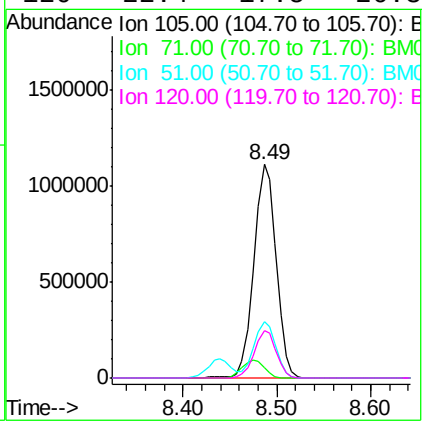
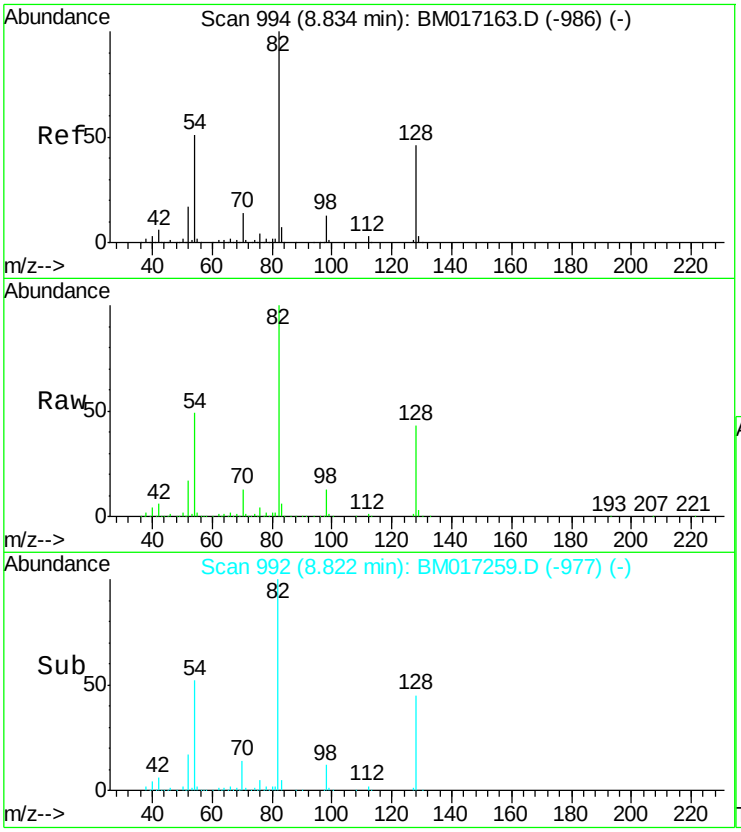


#22
Acetophenone
Concen: 48.381 ng
RT: 8.49 min Scan# 935
Delta R.T. -0.01 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion:105 Resp: 1828641

Ion	Ratio	Lower	Upper
105	100		
71	5.0	2.0	3.0#
51	26.3	20.6	31.0
120	22.4	17.5	26.3

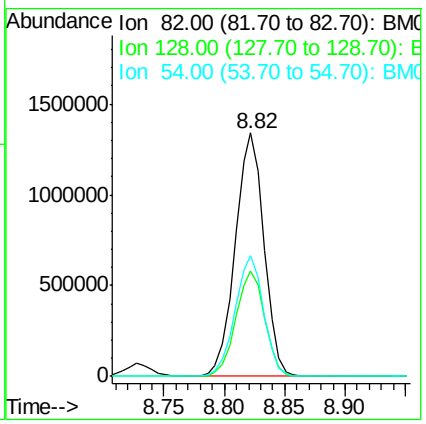




#23
Nitrobenzene-d5
Concen: 87.049 ng
RT: 8.82 min Scan# 992
Delta R.T. -0.01 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion: 82 Resp: 2219248

Ion	Ratio	Lower	Upper
82	100		
128	43.3	37.0	55.6
54	49.4	40.7	61.1



Instrument :
BNA_M
ClientSampleId :
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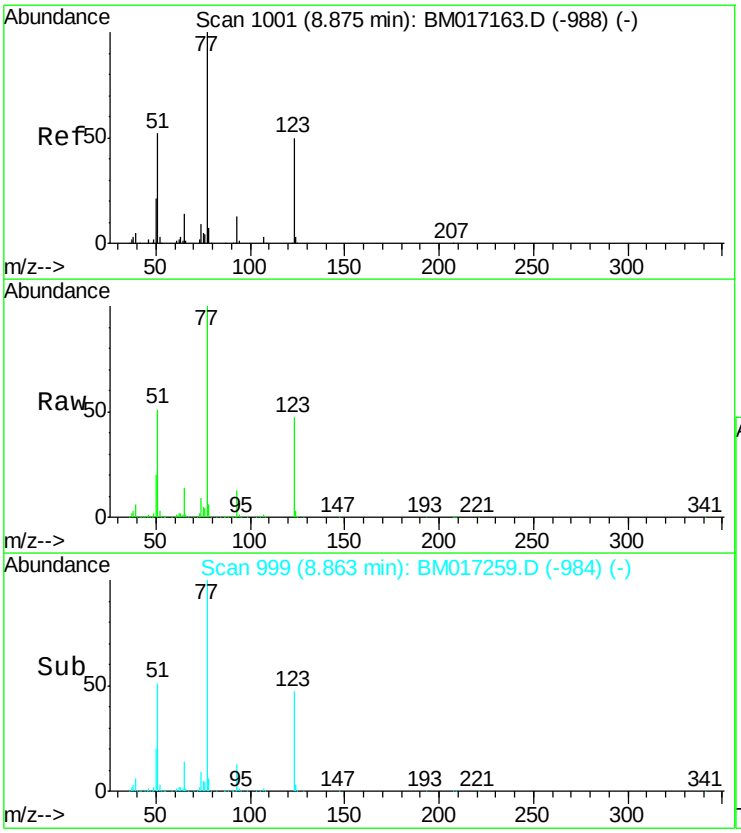
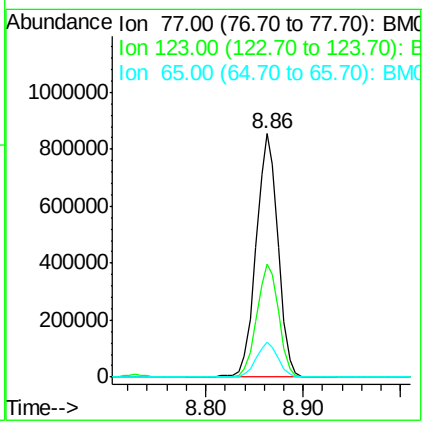
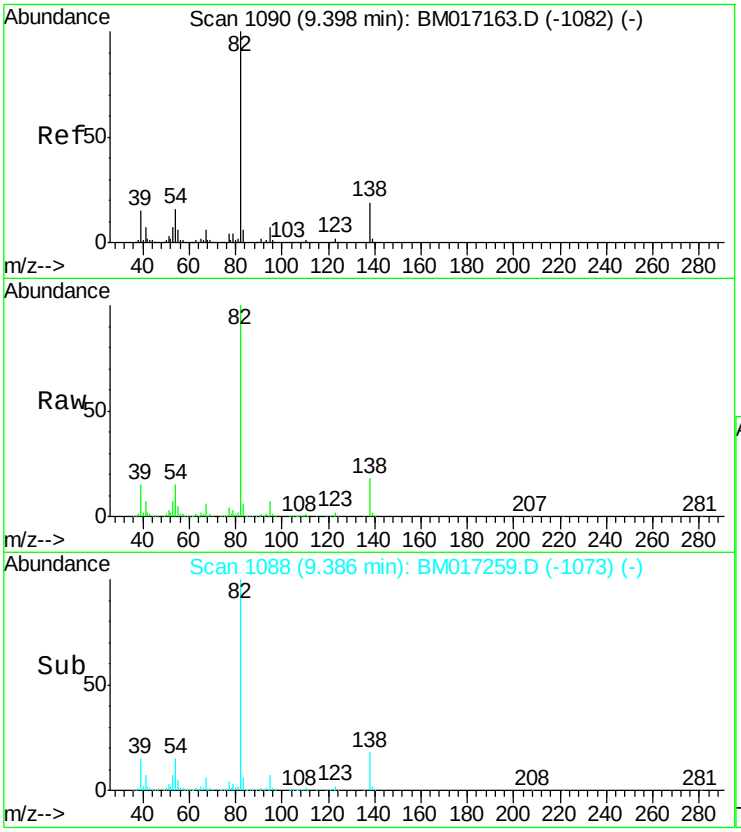


#24
Nitrobenzene
Concen: 49.869 ng
RT: 8.86 min Scan# 999
Delta R.T. -0.01 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion: 77 Resp: 1344842

Ion	Ratio	Lower	Upper
77	100		
123	46.5	40.2	60.4
65	14.1	11.4	17.0

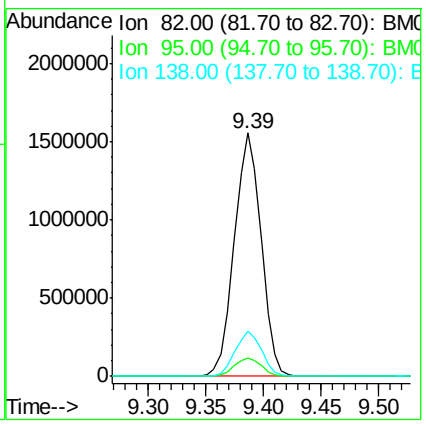




#25
Isophorone
Concen: 59.436 ng
RT: 9.39 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion: 82 Resp: 2502174

Ion	Ratio	Lower	Upper
82	100		
95	7.4	6.0	9.0
138	18.3	15.4	23.2



Instrument :
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ClientSampleId :
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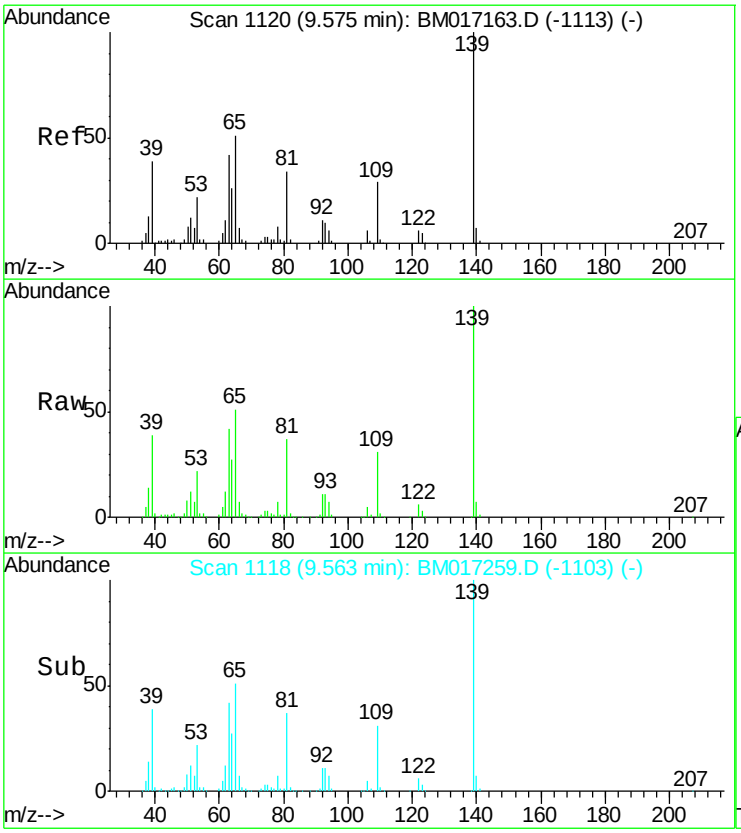
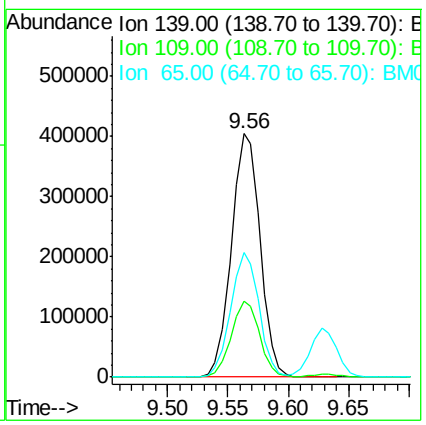
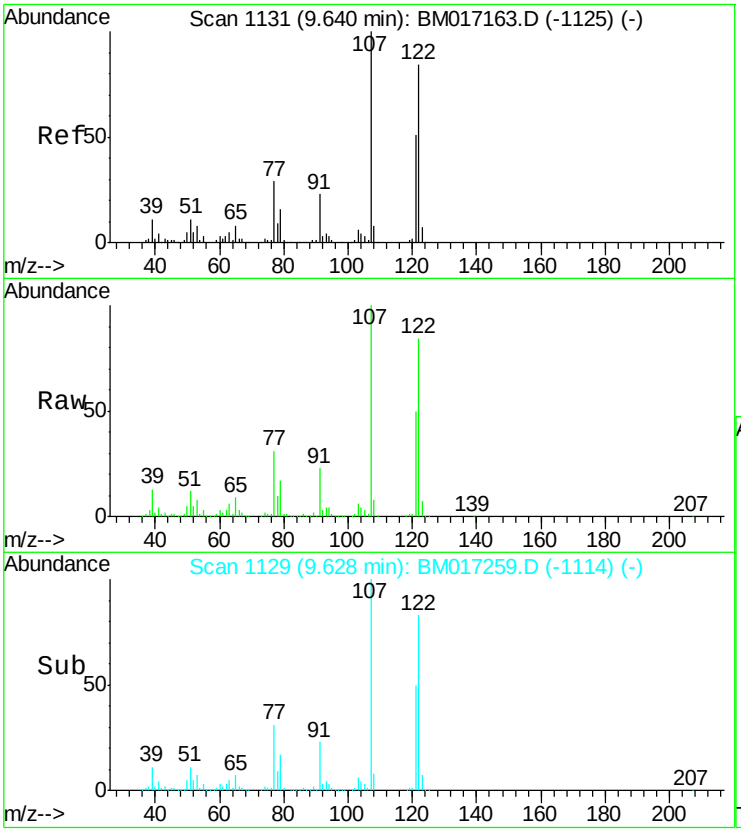


#26
2-Nitrophenol
Concen: 52.424 ng
RT: 9.56 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion:139 Resp: 669173

Ion	Ratio	Lower	Upper
139	100		
109	31.0	23.2	34.8
65	51.4	40.6	61.0

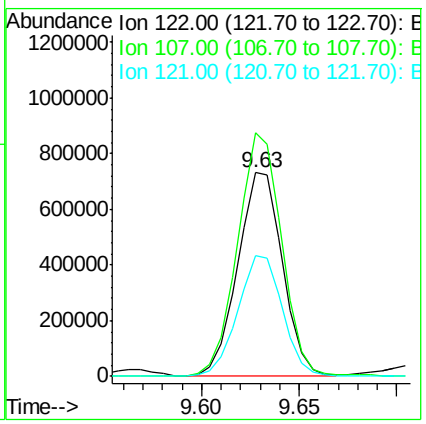




#27
2,4-Dimethylphenol
Concen: 61.800 ng
RT: 9.63 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion:122 Resp: 1150424

Ion	Ratio	Lower	Upper
122	100		
107	119.7	95.0	142.6
121	59.5	48.2	72.4



Instrument :
BNA_M
ClientSampleId :
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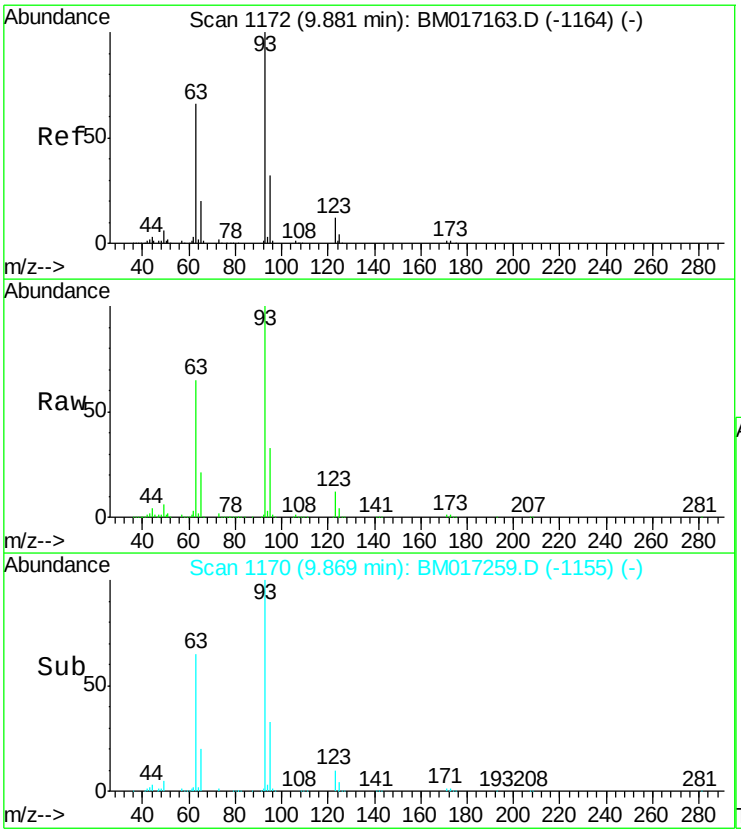
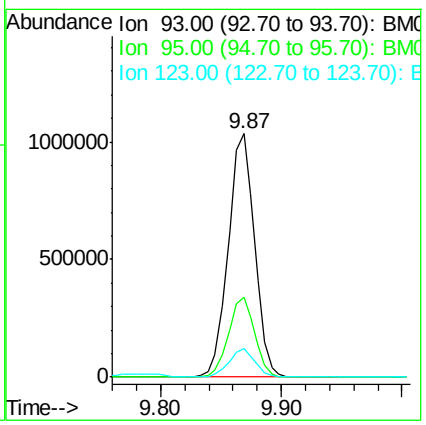
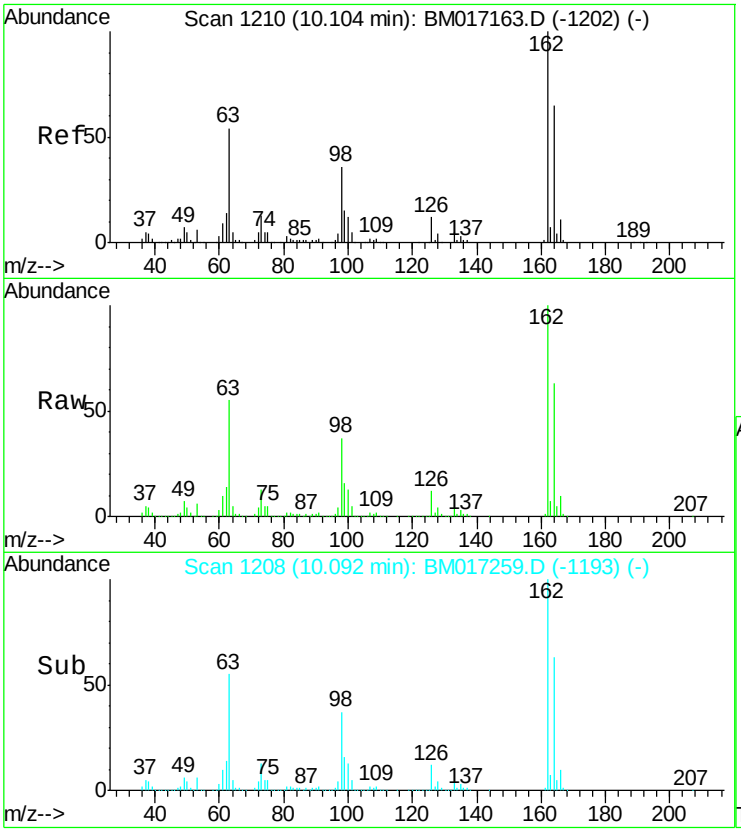


#28
bis(2-Chloroethoxy)methane
Concen: 53.082 ng
RT: 9.87 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion: 93 Resp: 1572865

Ion	Ratio	Lower	Upper
93	100		
95	32.8	25.7	38.5
123	11.5	9.4	14.0

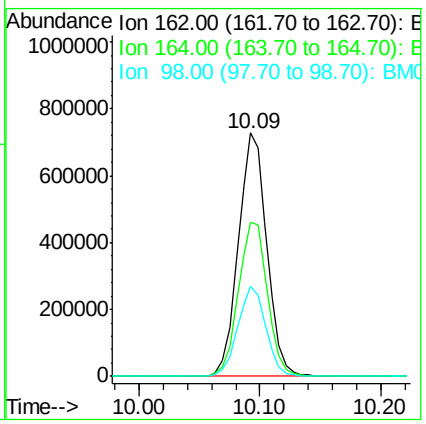




#29
2,4-Dichlorophenol
Concen: 55.203 ng
RT: 10.09 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion:162 Resp: 1193120

Ion	Ratio	Lower	Upper
162	100		
164	63.3	44.9	84.9
98	36.8	15.8	55.8



Instrument :
BNA_M
ClientSampleId :
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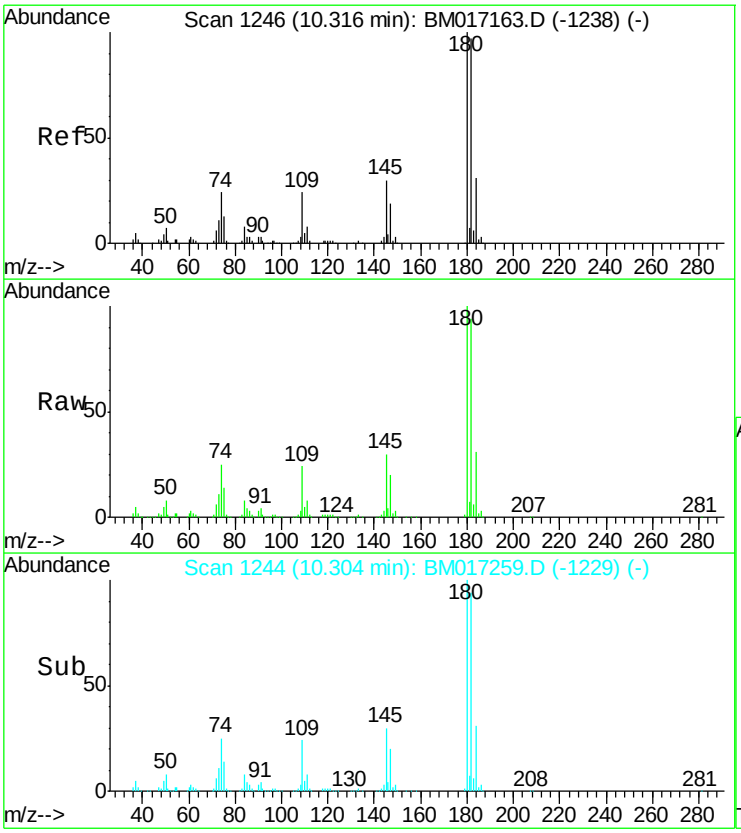
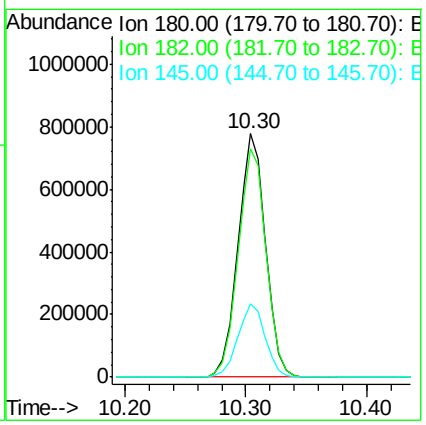
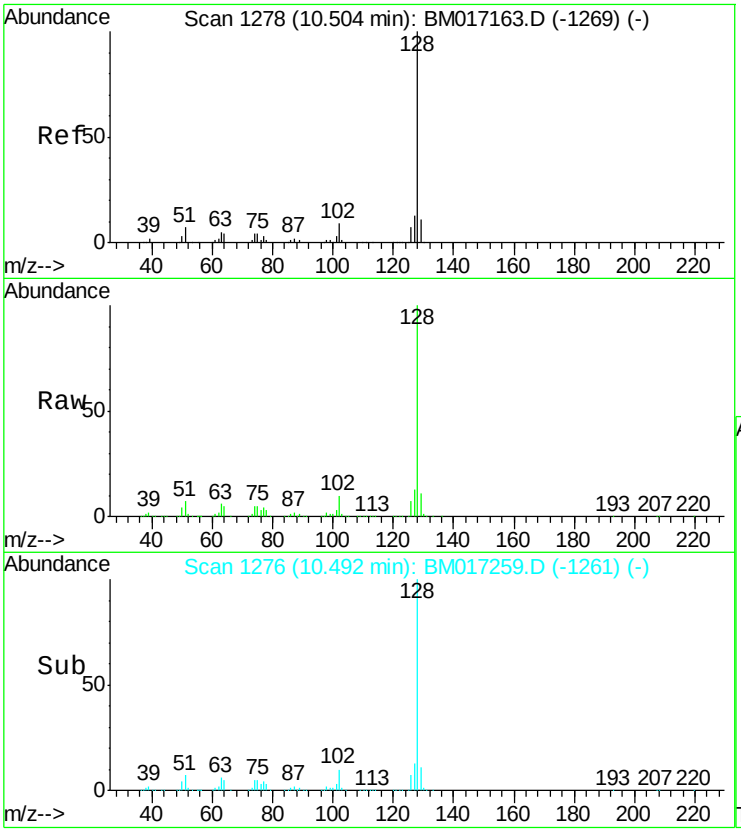


#30
1,2,4-Trichlorobenzene
Concen: 47.381 ng
RT: 10.30 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion:180 Resp: 1228494

Ion	Ratio	Lower	Upper
180	100		
182	94.0	77.5	116.3
145	30.4	24.0	36.0

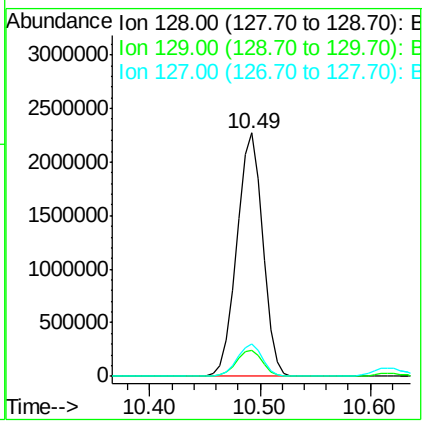




#31
Naphthalene
Concen: 51.393 ng
RT: 10.49 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion:128 Resp: 3755267

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.5	12.7
127	13.1	10.3	15.5



Instrument :
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ClientSampleId :
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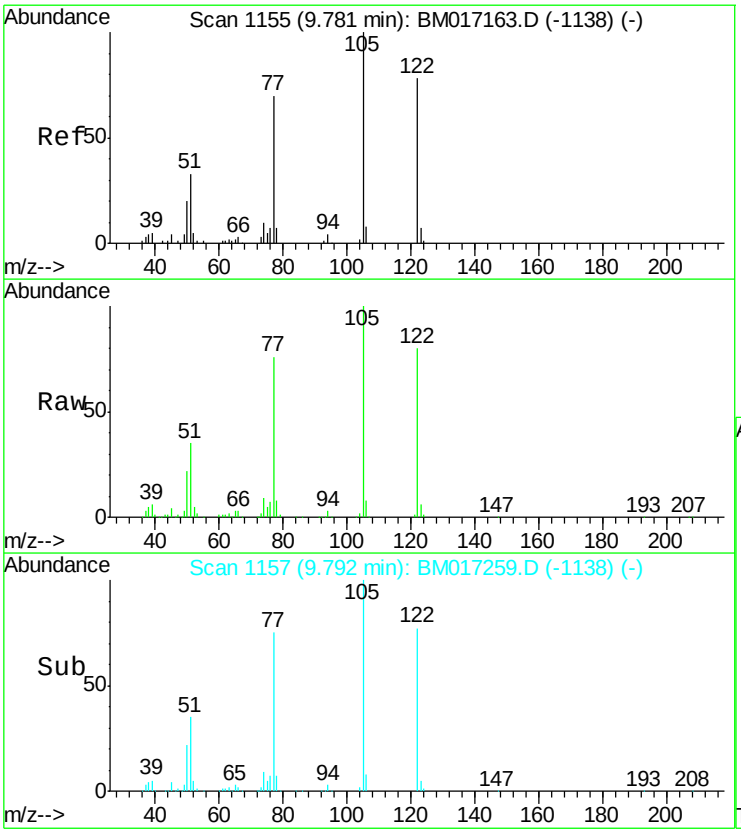
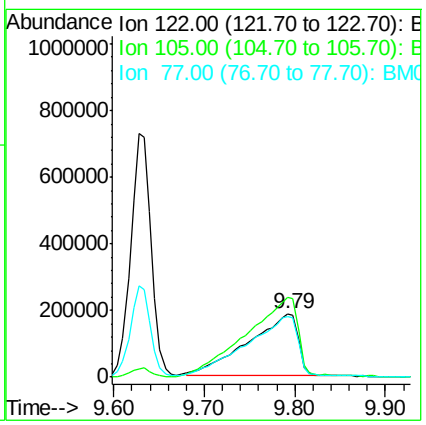
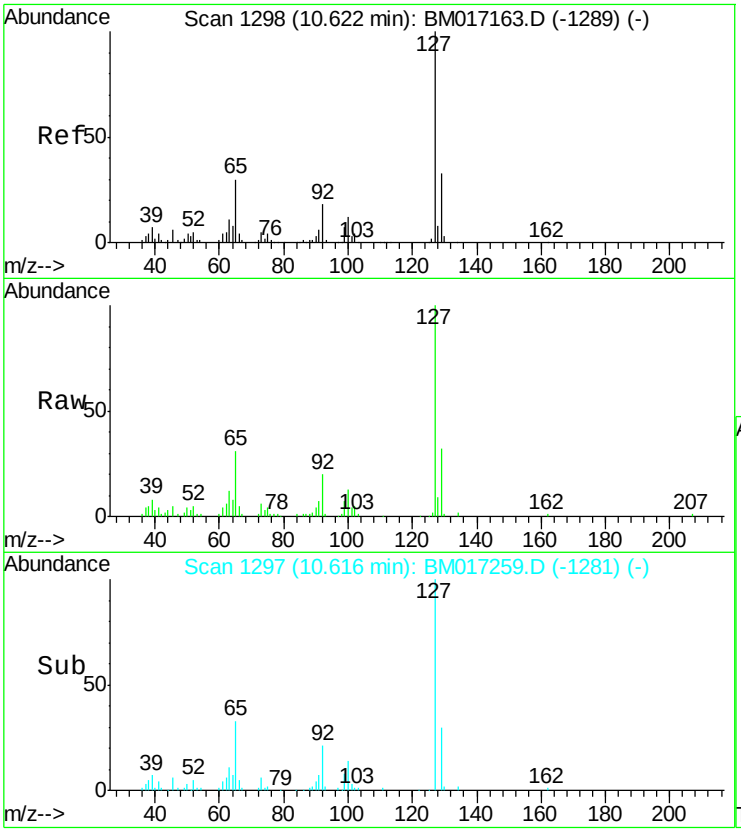


#32
Benzoic acid
Concen: 50.929 ng
RT: 9.79 min Scan# 1157
Delta R.T. 0.01 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion:122 Resp: 707373

Ion	Ratio	Lower	Upper
122	100		
105	125.6	102.0	142.0
77	95.6	67.7	107.7

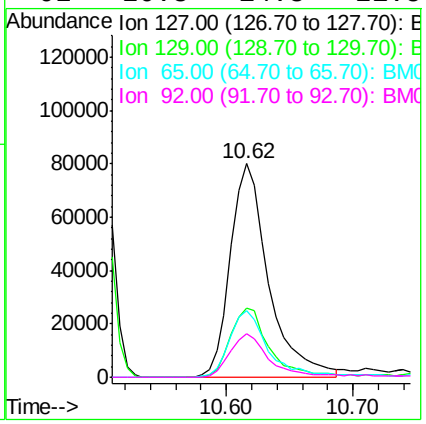




#33
4-Chloroaniline
Concen: 5.314 ng
RT: 10.62 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion:127 Resp: 167704

Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.2	39.4
65	31.3	23.7	35.5
92	20.3	14.3	21.5



Instrument :
BNA_M
ClientSampleId :
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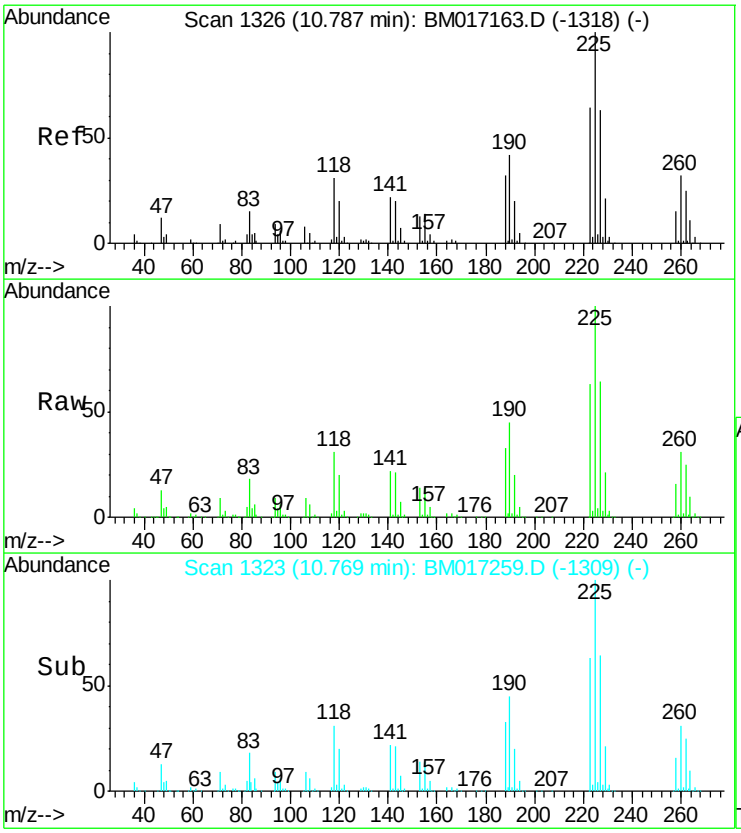
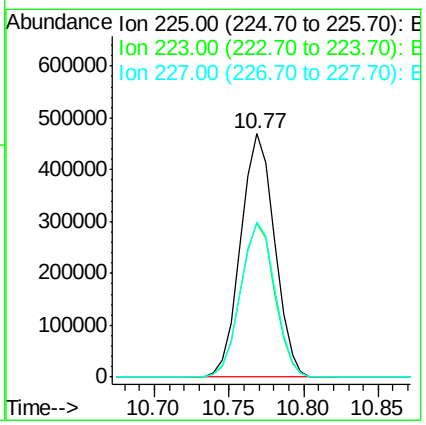
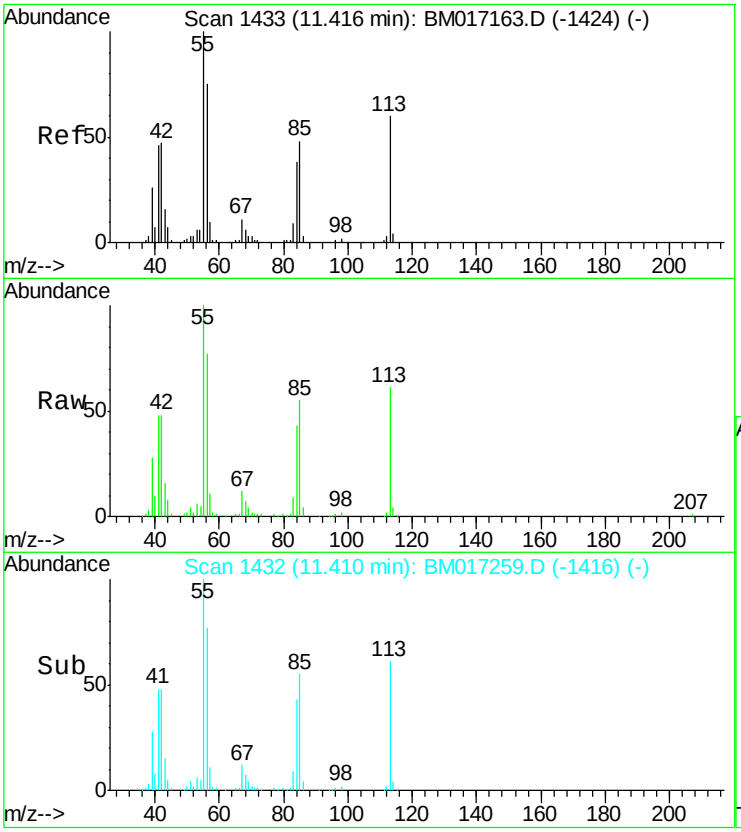


#34
Hexachlorobutadiene
Concen: 44.987 ng
RT: 10.77 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion:225 Resp: 739063

Ion	Ratio	Lower	Upper
225	100		
223	63.1	51.0	76.6
227	63.8	50.8	76.2

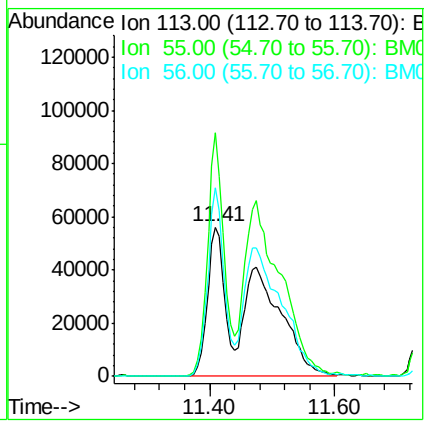




#35
Caprolactam
Concen: 35.289 ng m
RT: 11.41 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion:113 Resp: 277963

Ion	Ratio	Lower	Upper
113	100		
55	163.4	147.0	187.0
56	126.3	104.5	144.5



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ClientSampleId :
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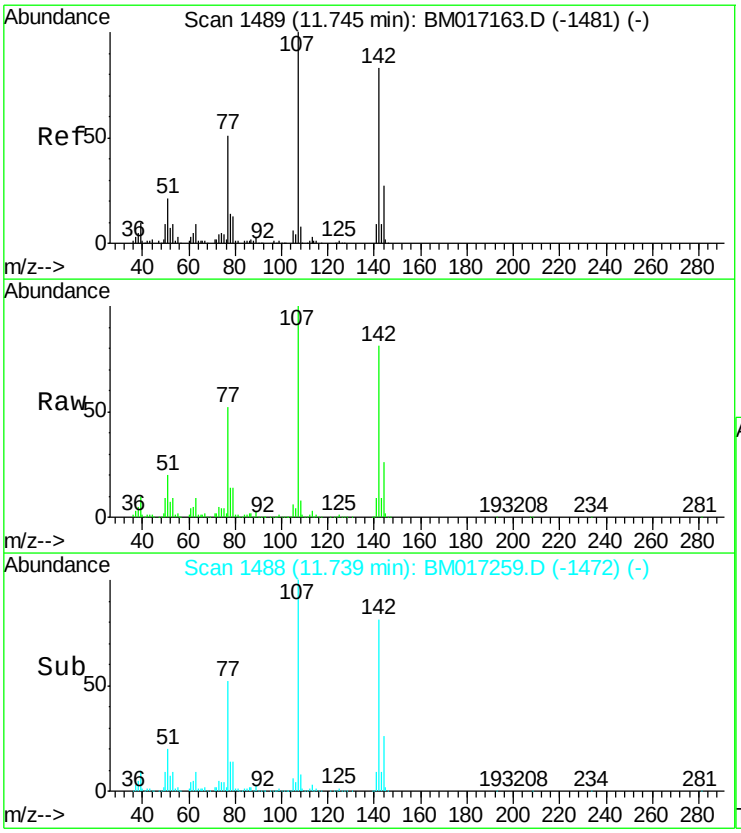
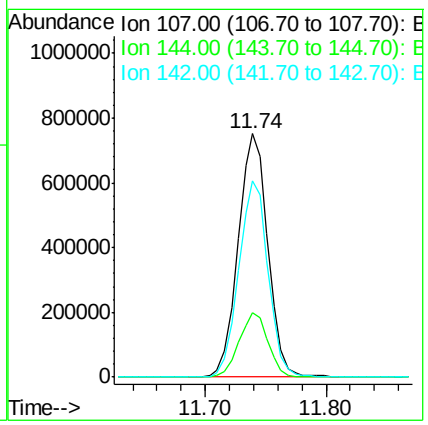
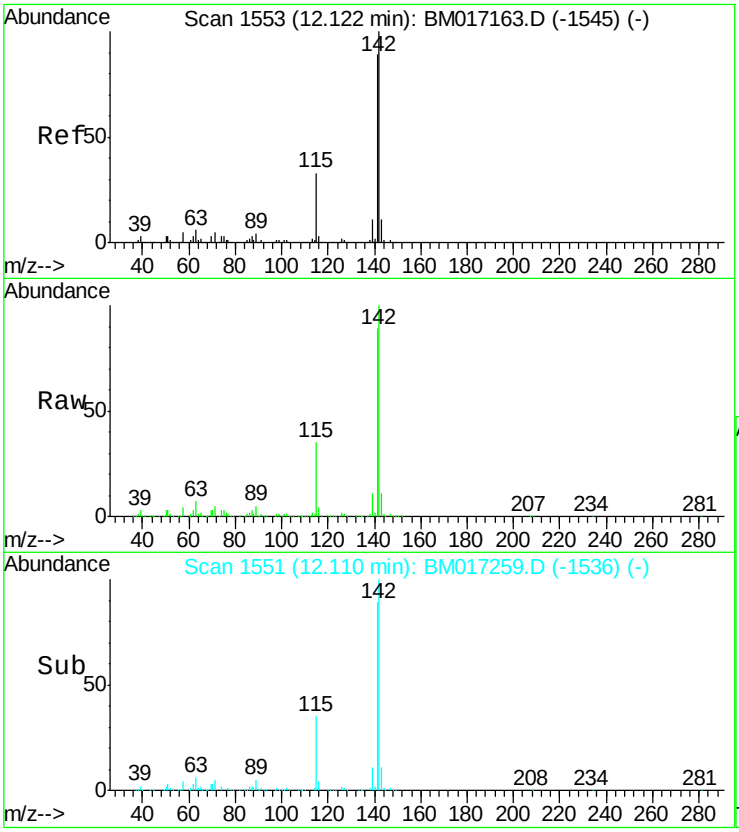


#36
4-Chloro-3-methylphenol
Concen: 52.814 ng
RT: 11.74 min Scan# 1488
Delta R.T. -0.01 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion:107 Resp: 1286700

Ion	Ratio	Lower	Upper
107	100		
144	26.4	21.6	32.4
142	80.9	66.0	99.0

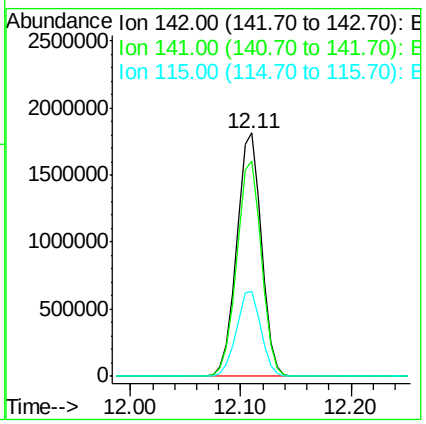




#37
2-Methylnaphthalene
Concen: 56.866 ng
RT: 12.11 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion:142 Resp: 2843427

Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.9	106.3
115	34.7	26.4	39.6



Instrument :
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ClientSampleId :
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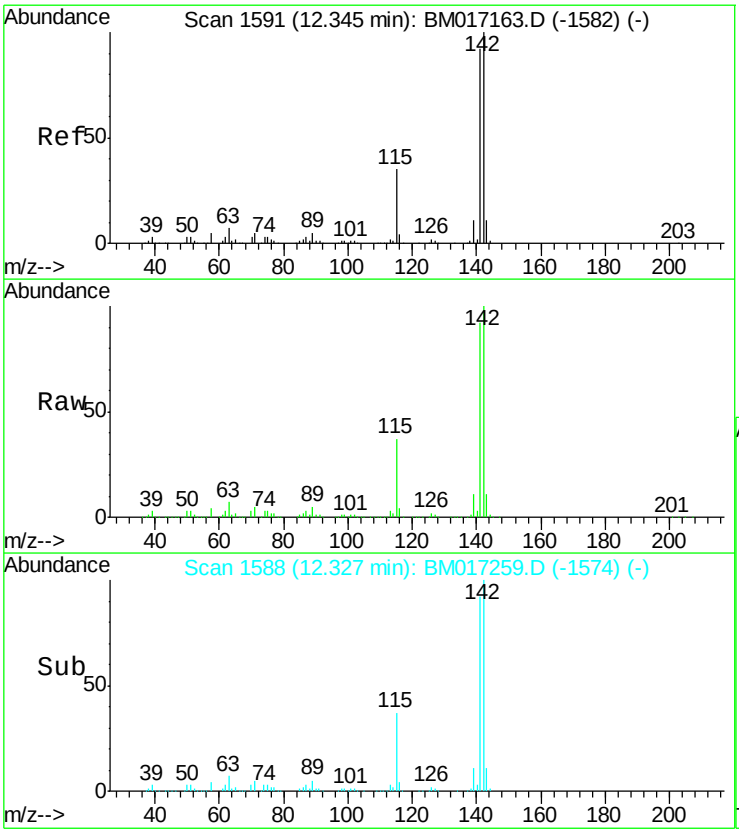
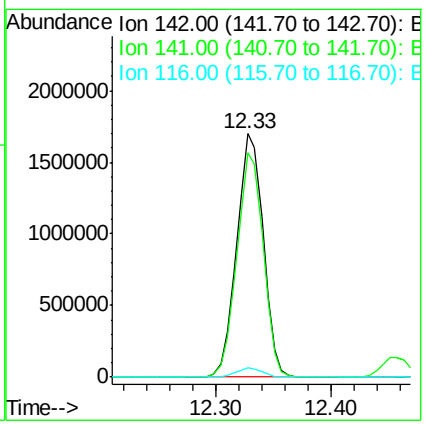
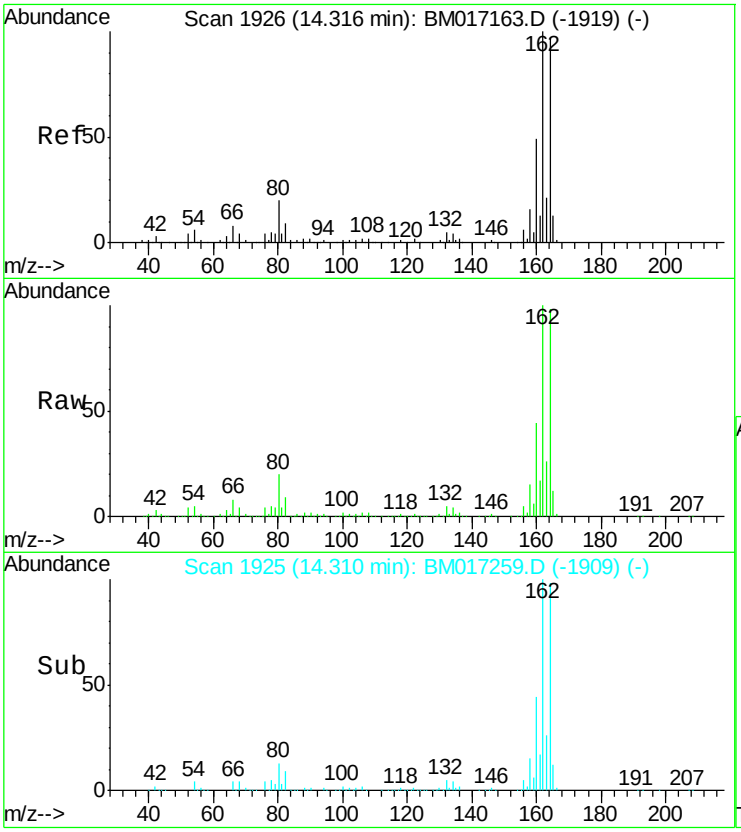


#38
1-Methylnaphthalene
Concen: 55.511 ng
RT: 12.33 min Scan# 1588
Delta R.T. -0.02 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion:142 Resp: 2701515

Ion	Ratio	Lower	Upper
142	100		
141	92.3	73.8	110.6
116	4.1	2.9	4.3

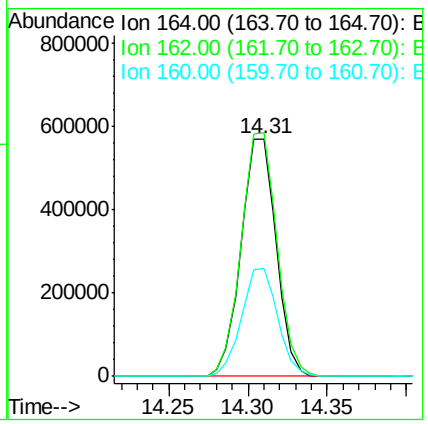




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.31 min Scan# 1925
Delta R.T. -0.01 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion:164 Resp: 873804

Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.1	123.1
160	45.4	40.2	60.2



Instrument :
BNA_M
ClientSampleId :
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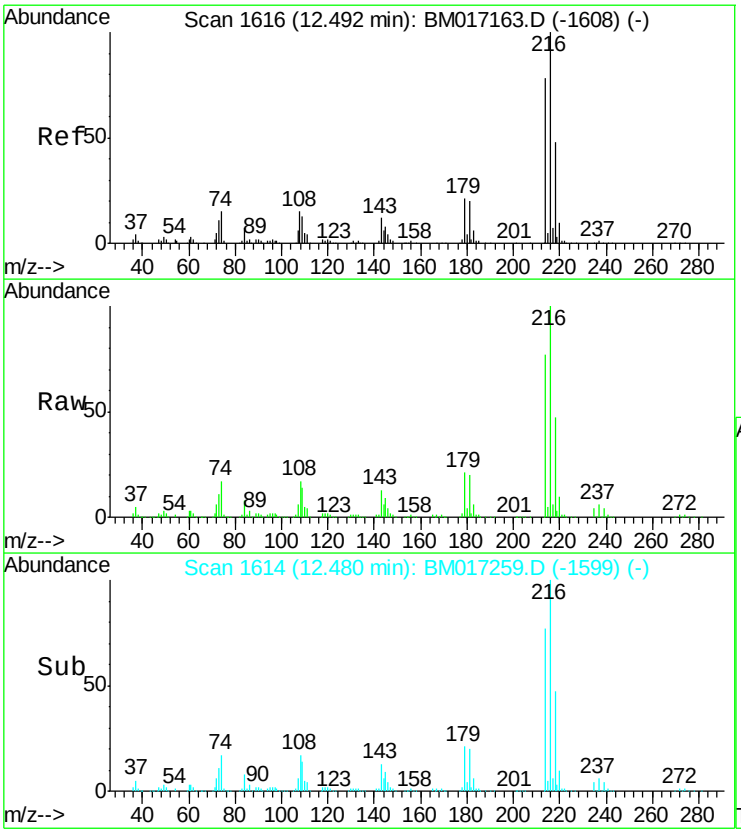
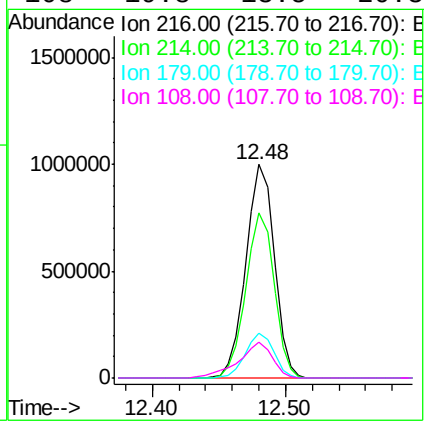
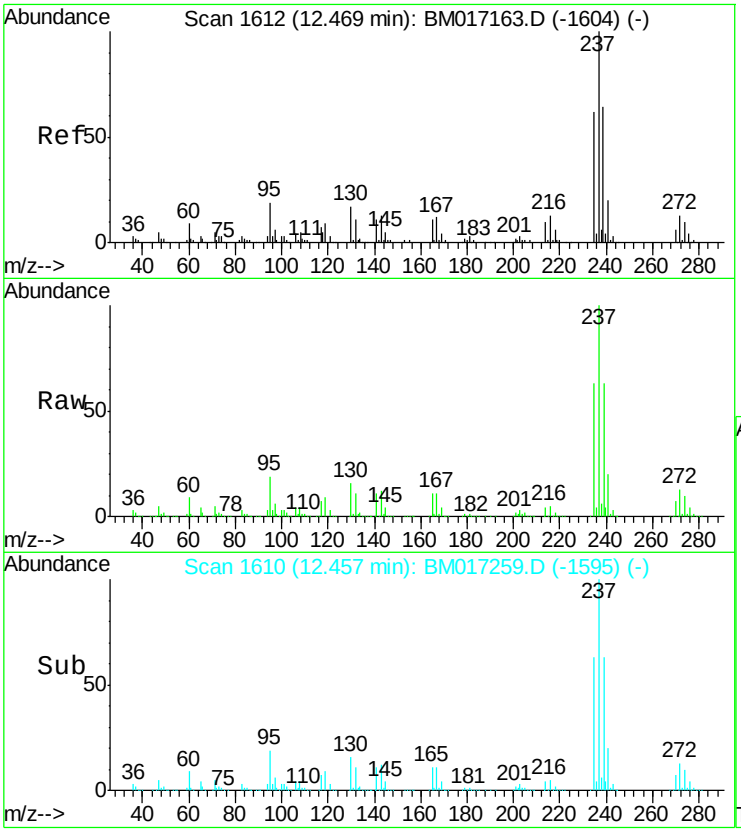


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.635 ng
RT: 12.48 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion:216 Resp: 1465854

Ion	Ratio	Lower	Upper
216	100		
214	77.5	62.6	93.8
179	20.9	16.6	24.8
108	19.8	13.5	20.3

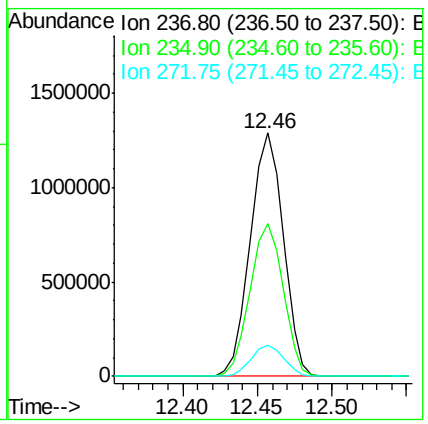




#41
Hexachlorocyclopentadiene
Concen: 132.819 ng
RT: 12.46 min Scan# 1610
Delta R.T. -0.01 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion:237 Resp: 1975867

Ion	Ratio	Lower	Upper
237	100		
235	62.9	42.4	82.4
272	12.7	0.0	33.0



Instrument :
BNA_M
ClientSampleId :
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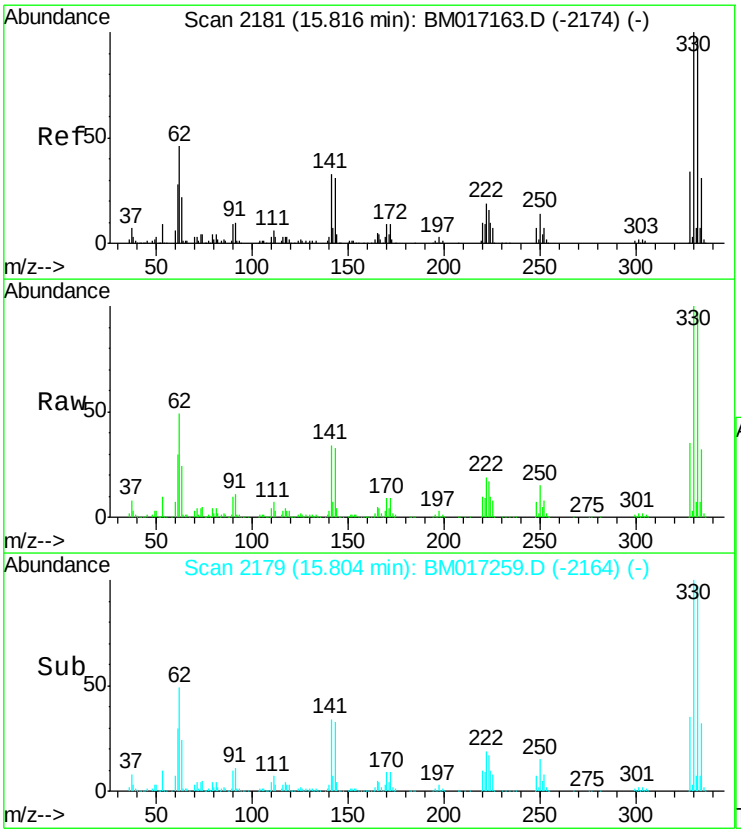
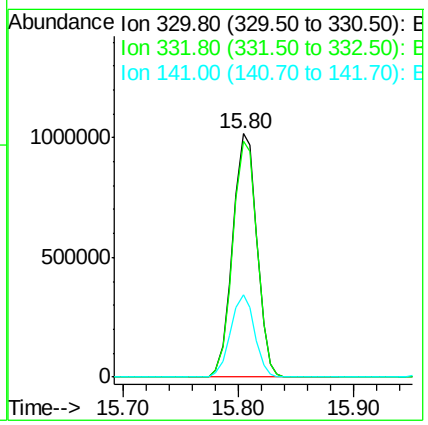
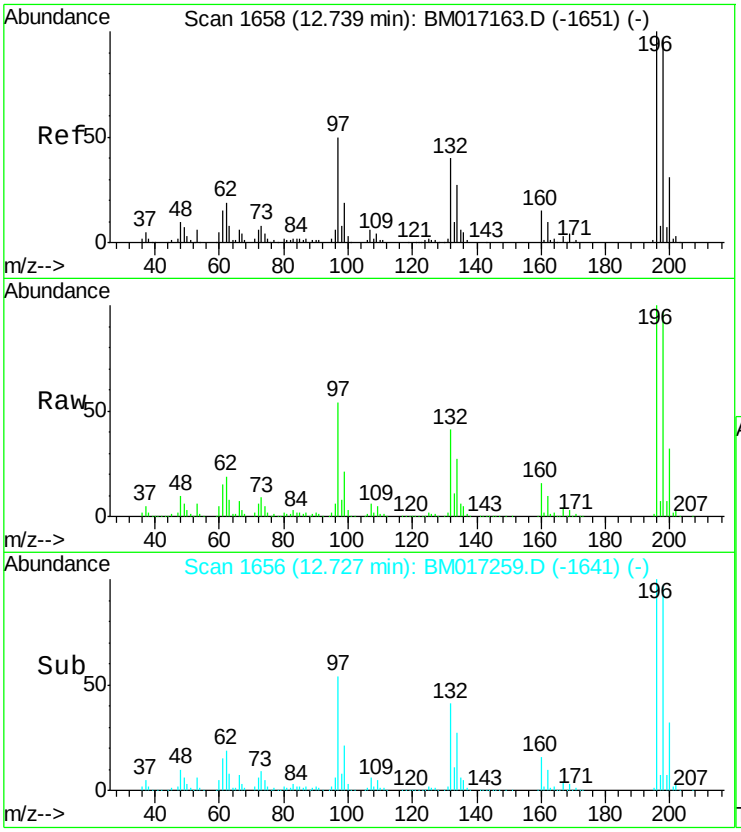


#42
2,4,6-Tribromophenol
Concen: 125.303 ng
RT: 15.80 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion:330 Resp: 1480699

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.3	115.9
141	33.3	27.4	41.0

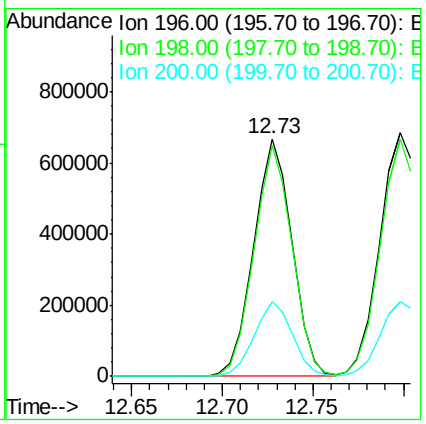




#43
2,4,6-Trichlorophenol
Concen: 54.950 ng
RT: 12.73 min Scan# 1656
Delta R.T. -0.01 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion:196 Resp: 981592

Ion	Ratio	Lower	Upper
196	100		
198	97.1	77.1	115.7
200	31.5	25.0	37.4



Instrument :
BNA_M
ClientSampleId :
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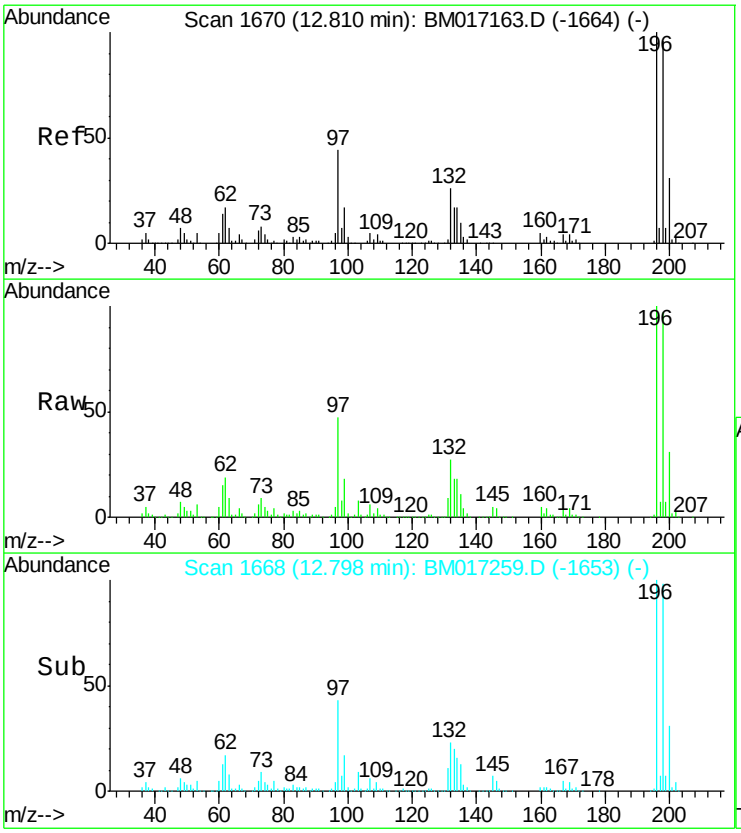
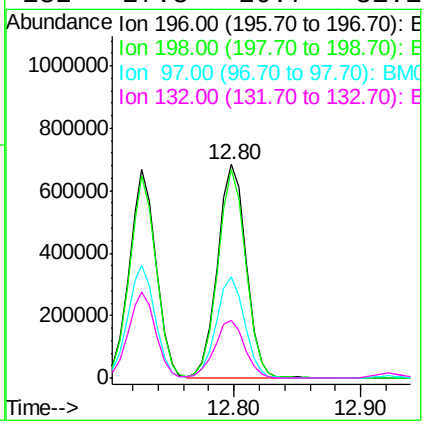
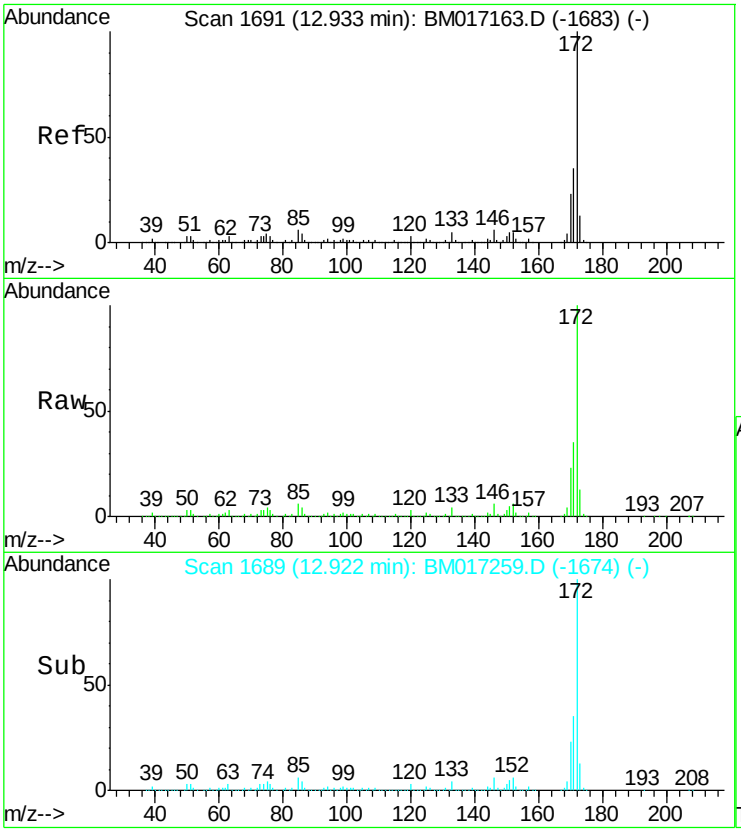


#44
2,4,5-Trichlorophenol
Concen: 55.643 ng
RT: 12.80 min Scan# 1668
Delta R.T. -0.01 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion:196 Resp: 1065880

Ion	Ratio	Lower	Upper
196	100		
198	97.5	76.6	115.0
97	47.5	35.5	53.3
132	27.3	20.7	31.1

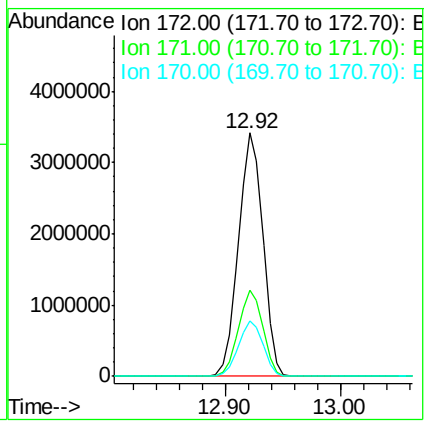




#45
2-Fluorobiphenyl
Concen: 76.374 ng
RT: 12.92 min Scan# 1689
Delta R.T. -0.01 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion:172 Resp: 5015696

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.3	42.5
170	23.0	18.3	27.5



Instrument :
BNA_M
ClientSampleId :
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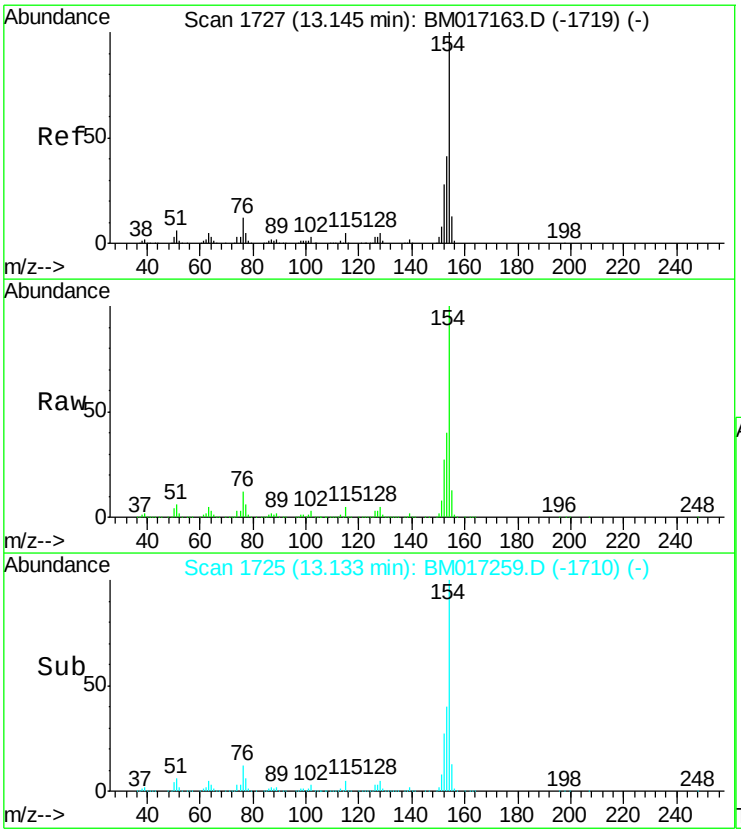
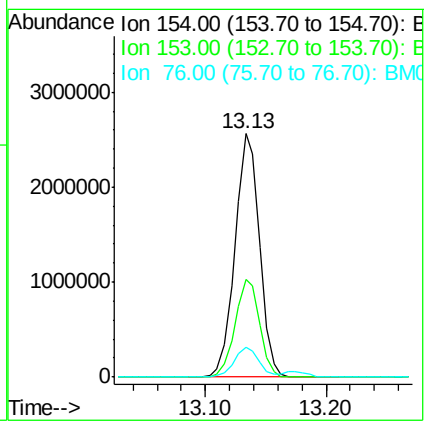
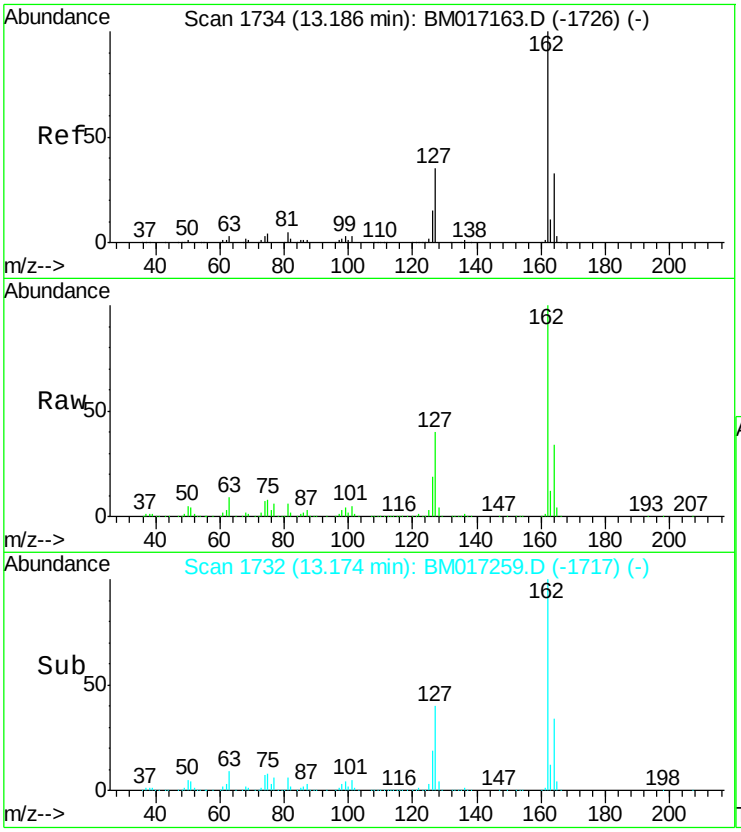


#46
1,1'-Biphenyl
Concen: 45.916 ng
RT: 13.13 min Scan# 1725
Delta R.T. -0.01 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion:154 Resp: 3610495

Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.5	60.5
76	12.4	0.0	31.8

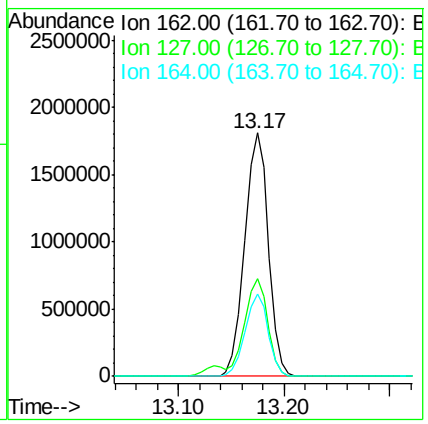




#47
2-Chloronaphthalene
Concen: 48.503 ng
RT: 13.17 min Scan# 1732
Delta R.T. -0.01 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion:162 Resp: 2805826

Ion	Ratio	Lower	Upper
162	100		
127	39.9	31.0	46.4
164	33.8	26.6	39.8



Instrument :
BNA_M
ClientSampleId :
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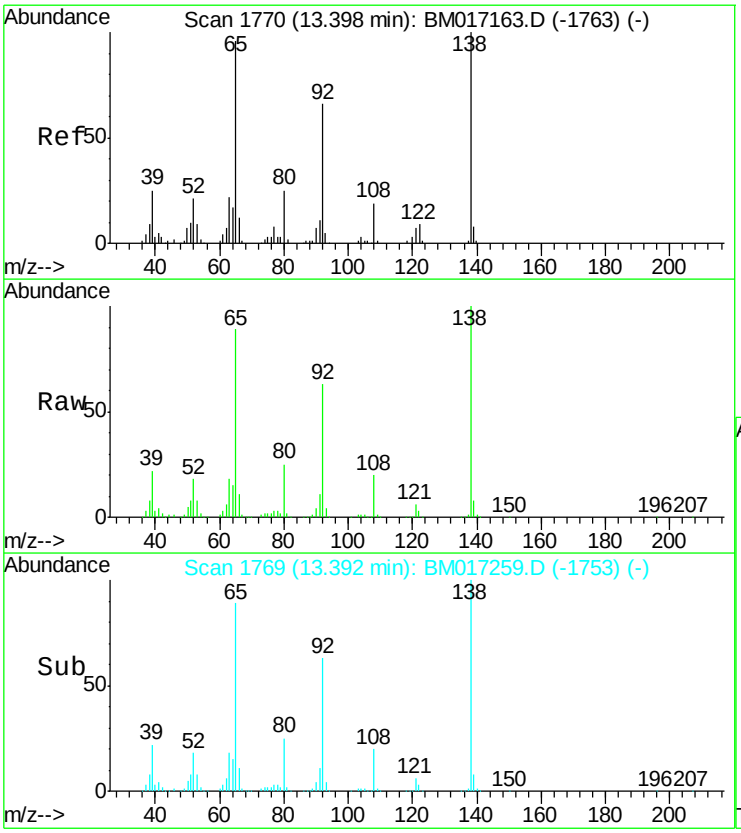
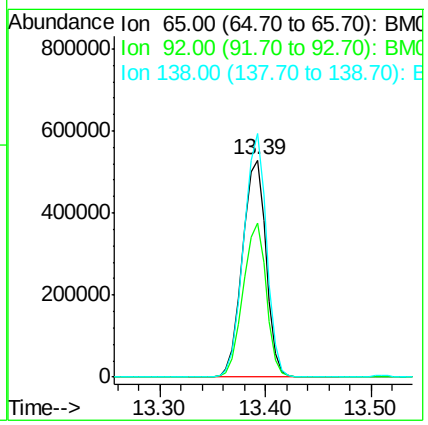
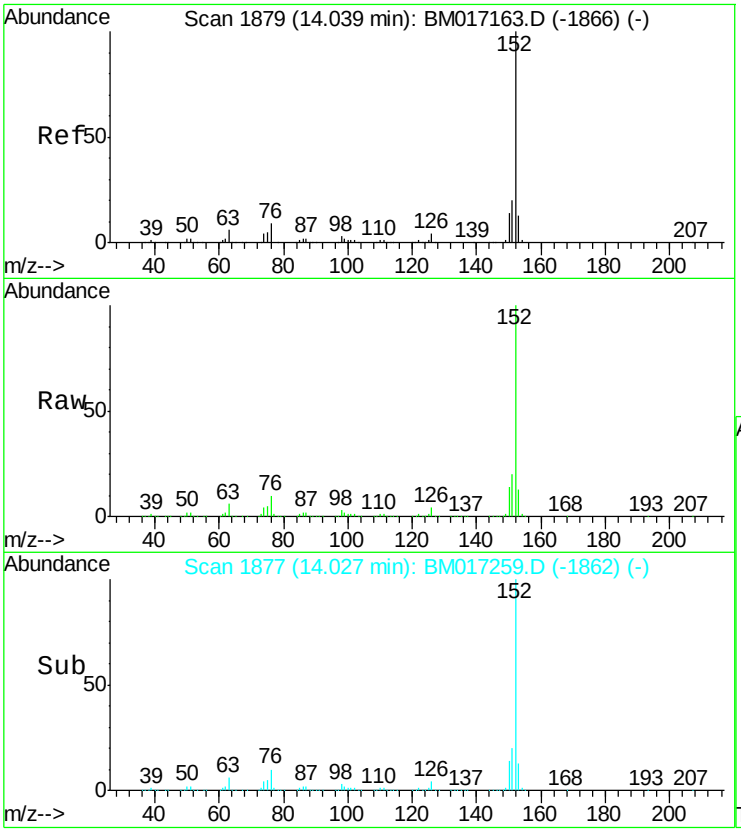


#48
2-Nitroaniline
Concen: 50.149 ng
RT: 13.39 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion: 65 Resp: 824302

Ion	Ratio	Lower	Upper
65	100		
92	71.0	54.9	82.3
138	112.1	83.7	125.5

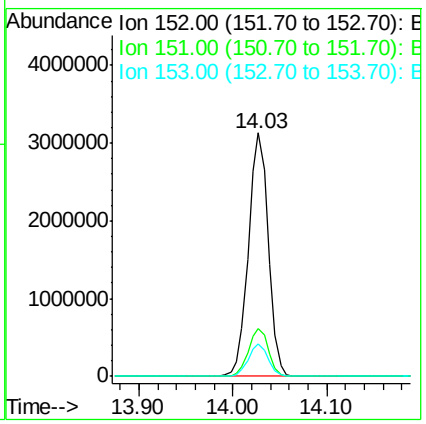




#49
Acenaphthylene
Concen: 54.572 ng
RT: 14.03 min Scan# 1877
Delta R.T. -0.01 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion:152 Resp: 4575868

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.0	24.0
153	13.2	10.4	15.6



Instrument :
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ClientSampleId :
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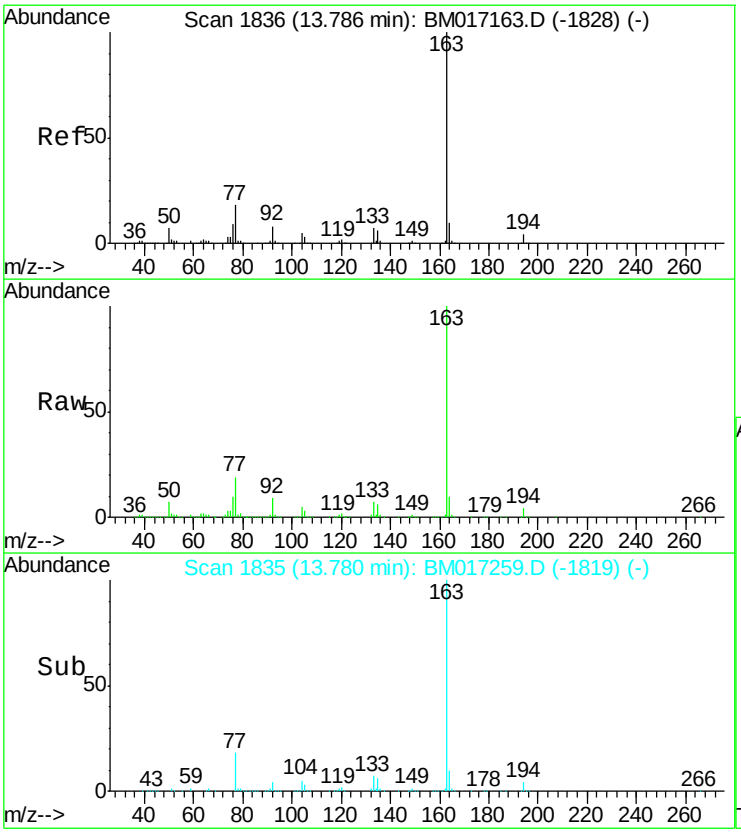
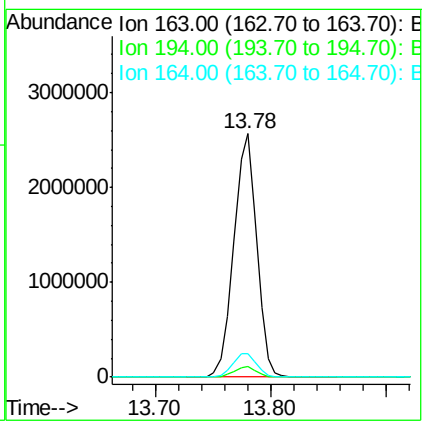
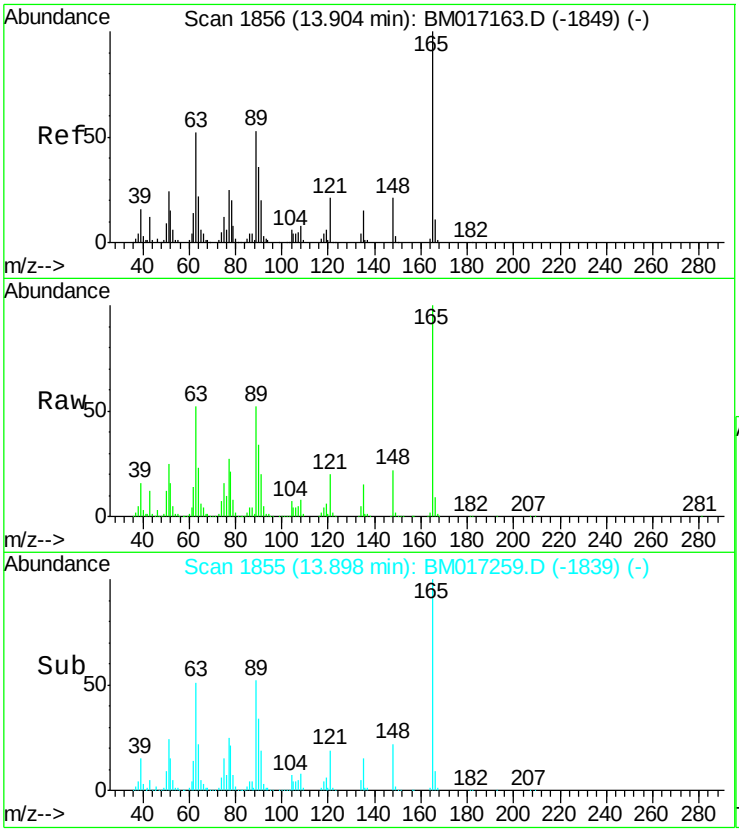


#50
Dimethylphthalate
Concen: 52.067 ng
RT: 13.78 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion:163 Resp: 3510072

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.3	4.9
164	9.8	7.8	11.8

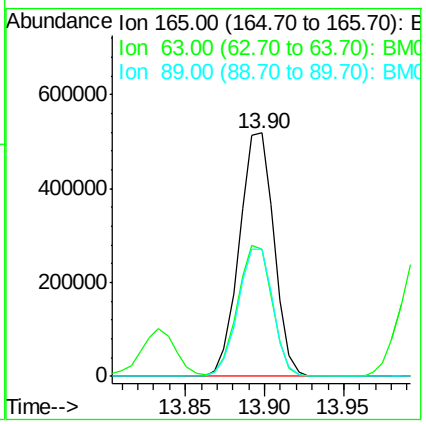




#51
2,6-Dinitrotoluene
Concen: 52.873 ng
RT: 13.90 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion:165 Resp: 784513

Ion	Ratio	Lower	Upper
165	100		
63	52.1	42.7	64.1
89	52.5	42.1	63.1



Instrument :
BNA_M
ClientSampleId :
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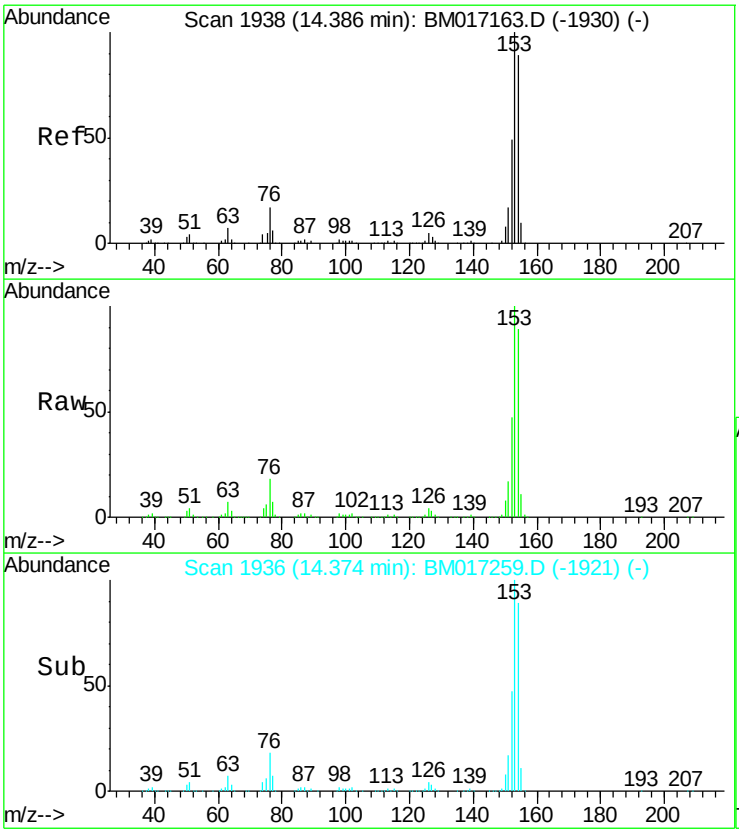
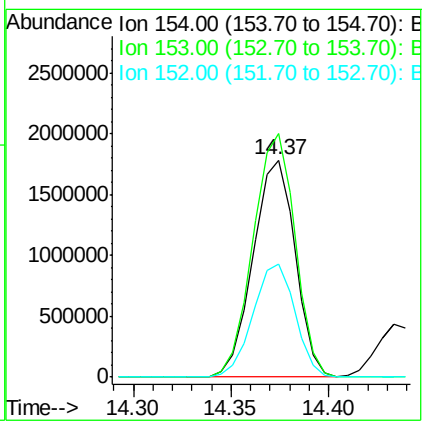
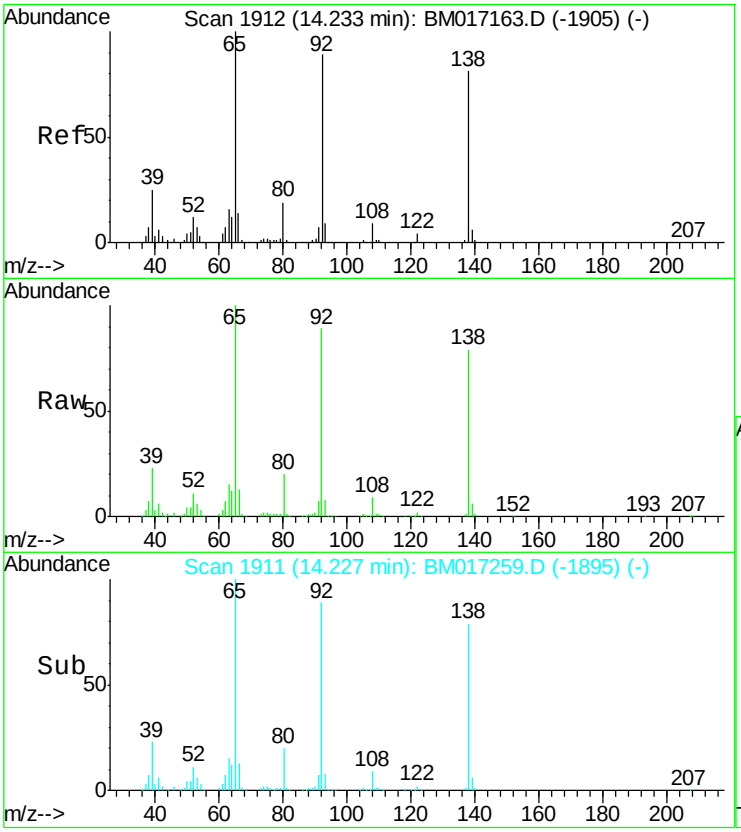


#52
Acenaphthene
Concen: 50.639 ng
RT: 14.37 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion:154 Resp: 2666050

Ion	Ratio	Lower	Upper
154	100		
153	112.0	90.2	135.2
152	52.2	44.2	66.4

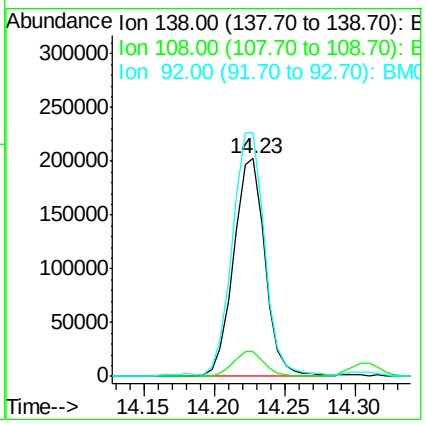




#53
3-Nitroaniline
Concen: 19.651 ng
RT: 14.23 min Scan# 1911
Delta R.T. -0.01 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion:138 Resp: 315792

Ion	Ratio	Lower	Upper
138	100		
108	11.2	8.7	13.1
92	111.8	87.9	131.9



Instrument :
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ClientSampleId :
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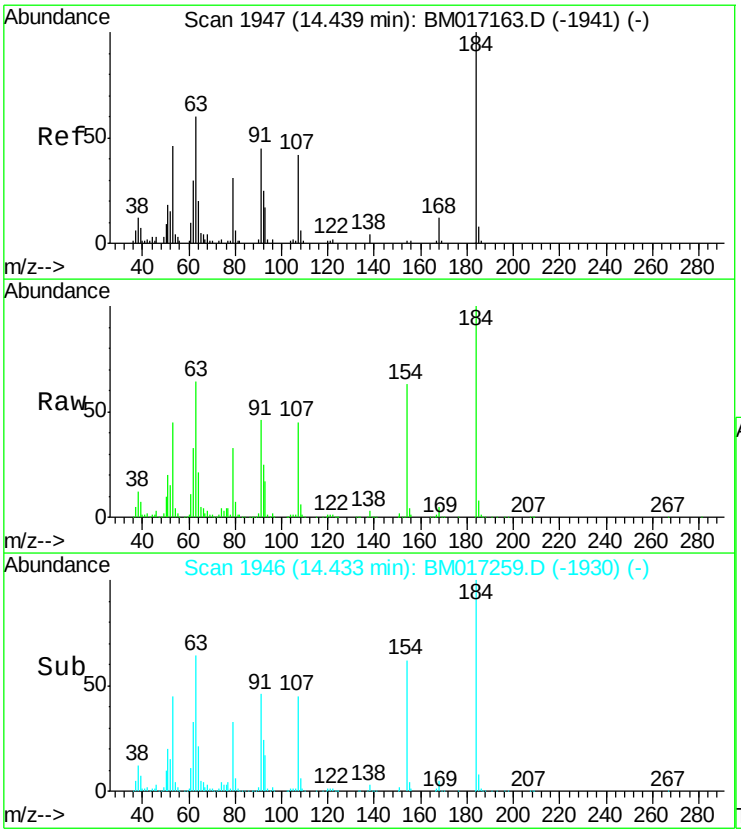
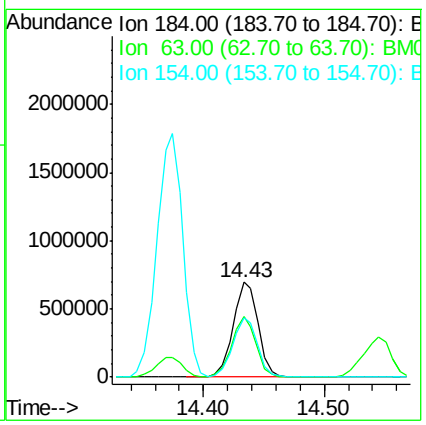
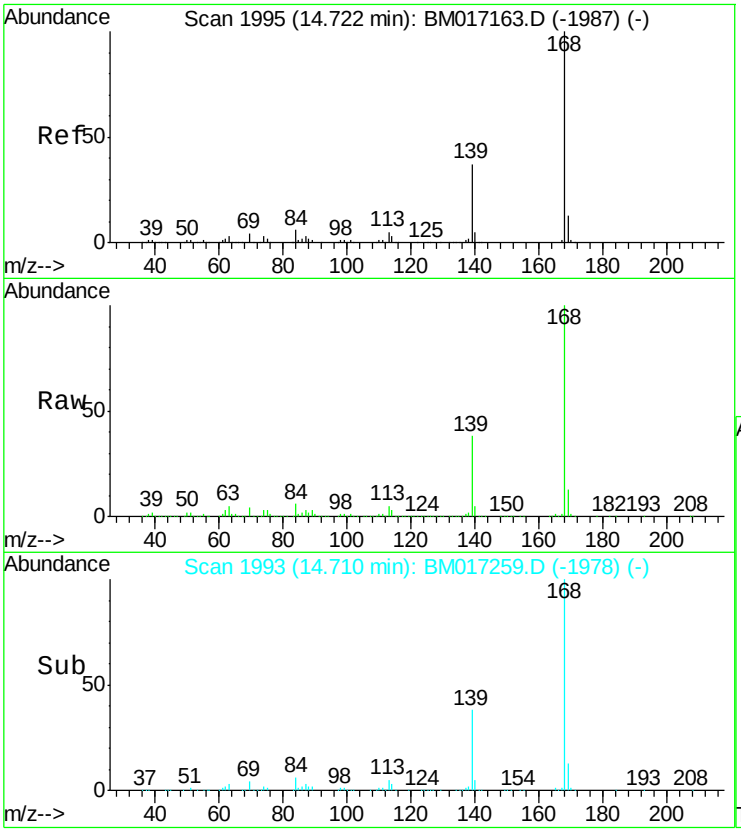


#54
2,4-Dinitrophenol
Concen: 111.047 ng
RT: 14.43 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion:184 Resp: 997590

Ion	Ratio	Lower	Upper
184	100		
63	63.9	51.2	76.8
154	63.0	47.8	71.8

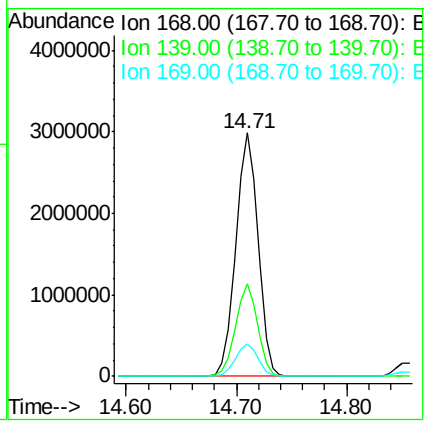




#55
Dibenzofuran
Concen: 48.393 ng
RT: 14.71 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion:168 Resp: 4236897

Ion	Ratio	Lower	Upper
168	100		
139	38.0	29.3	43.9
169	13.2	10.6	15.8



Instrument :
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ClientSampleId :
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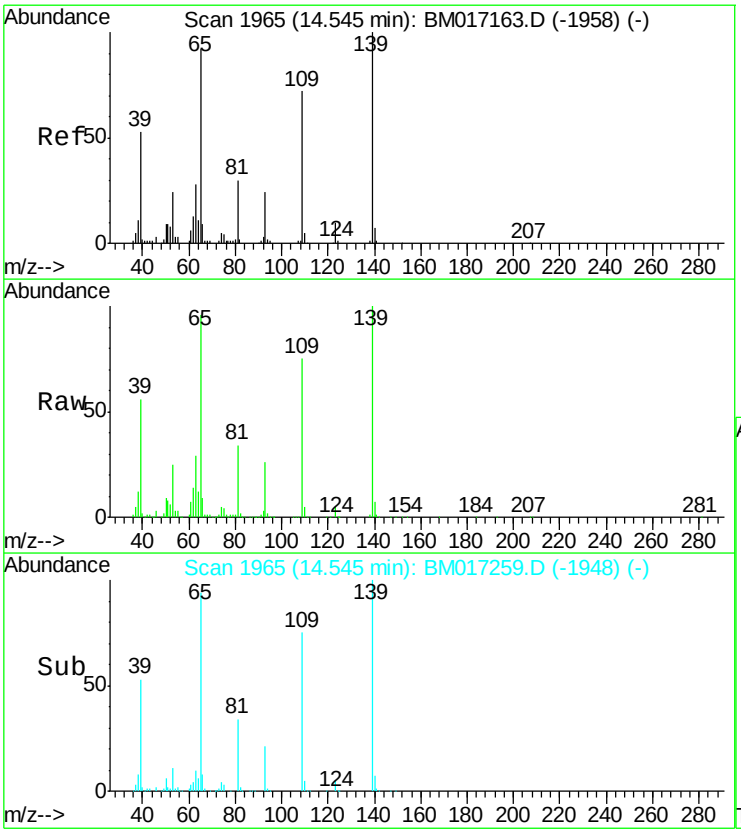
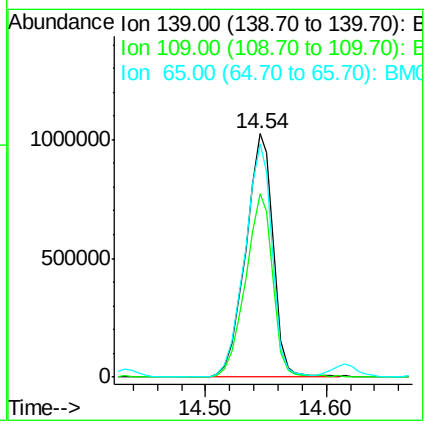
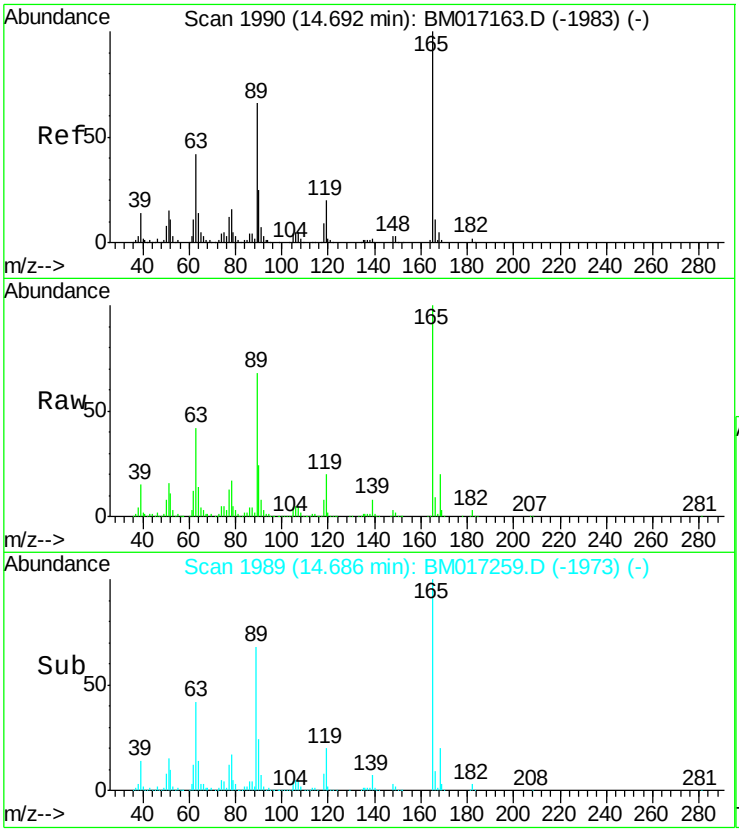


#56
4-Nitrophenol
Concen: 108.983 ng
RT: 14.54 min Scan# 1965
Delta R.T. -0.00 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion:139 Resp: 1622758

Ion	Ratio	Lower	Upper
139	100		
109	75.1	51.8	91.8
65	95.8	72.1	112.1

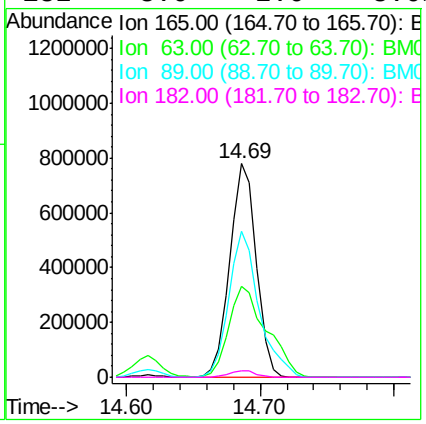




#57
2,4-Dinitrotoluene
Concen: 54.171 ng
RT: 14.69 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion:165 Resp: 1080302

Ion	Ratio	Lower	Upper
165	100		
63	42.4	33.8	50.8
89	68.1	53.1	79.7
182	3.0	2.0	3.0#



Instrument :
BNA_M
ClientSampleId :
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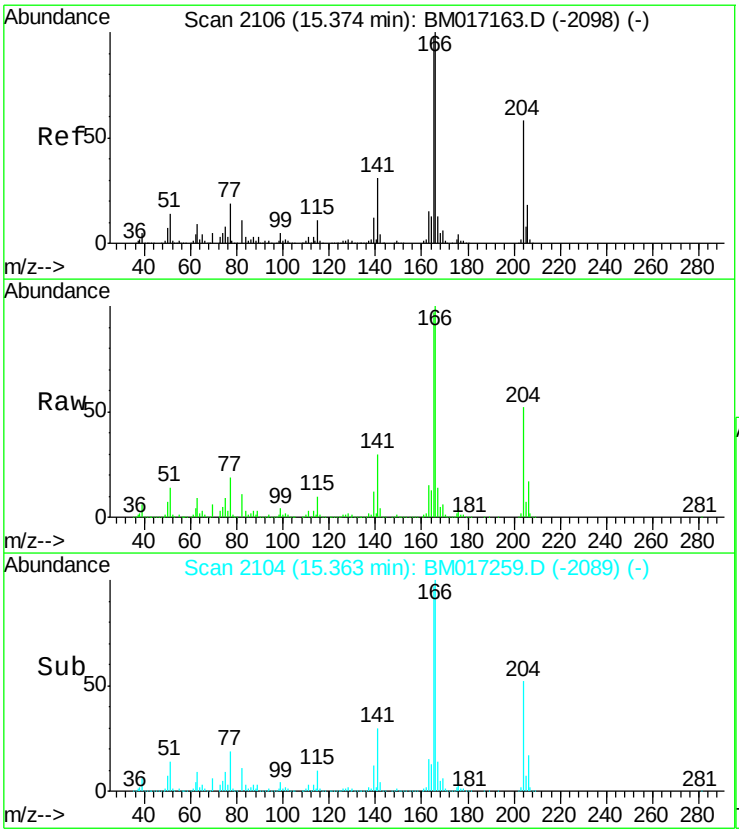
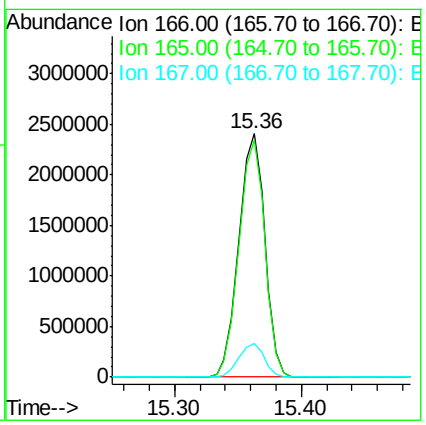
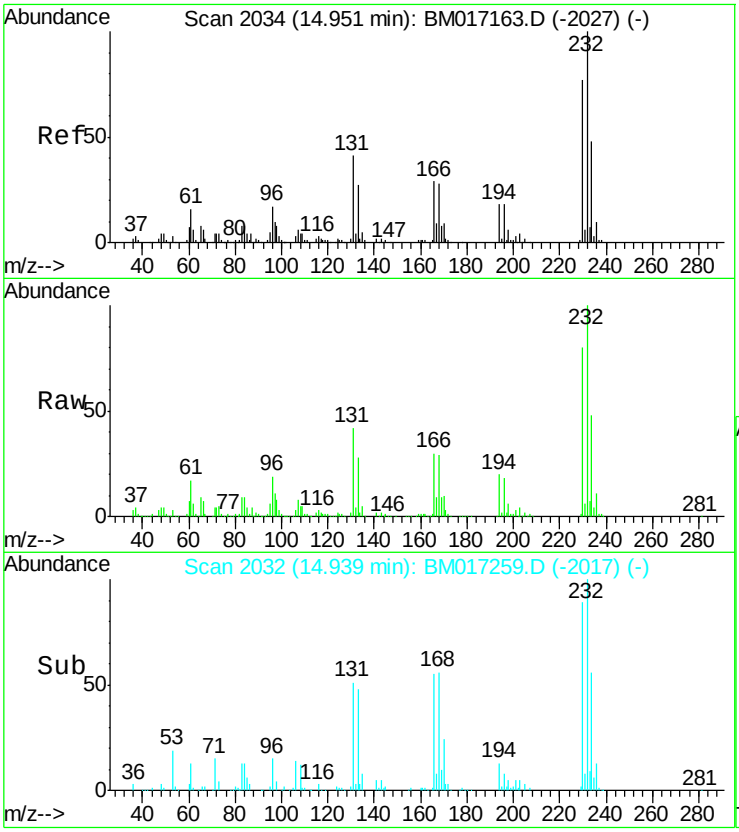


#58
Fluorene
Concen: 52.723 ng
RT: 15.36 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion:166 Resp: 3416627

Ion	Ratio	Lower	Upper
166	100		
165	97.3	78.1	117.1
167	13.6	10.6	16.0

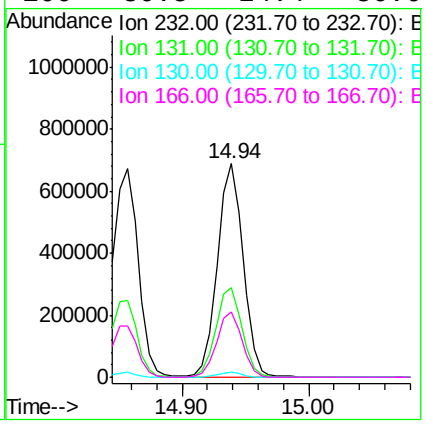




#59
2,3,4,6-Tetrachlorophenol
Concen: 55.345 ng
RT: 14.94 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion:232 Resp: 966379

Ion	Ratio	Lower	Upper
232	100		
131	42.3	33.1	49.7
130	2.2	1.7	2.5
166	30.5	24.4	36.6



Instrument :
BNA_M
ClientSampleId :
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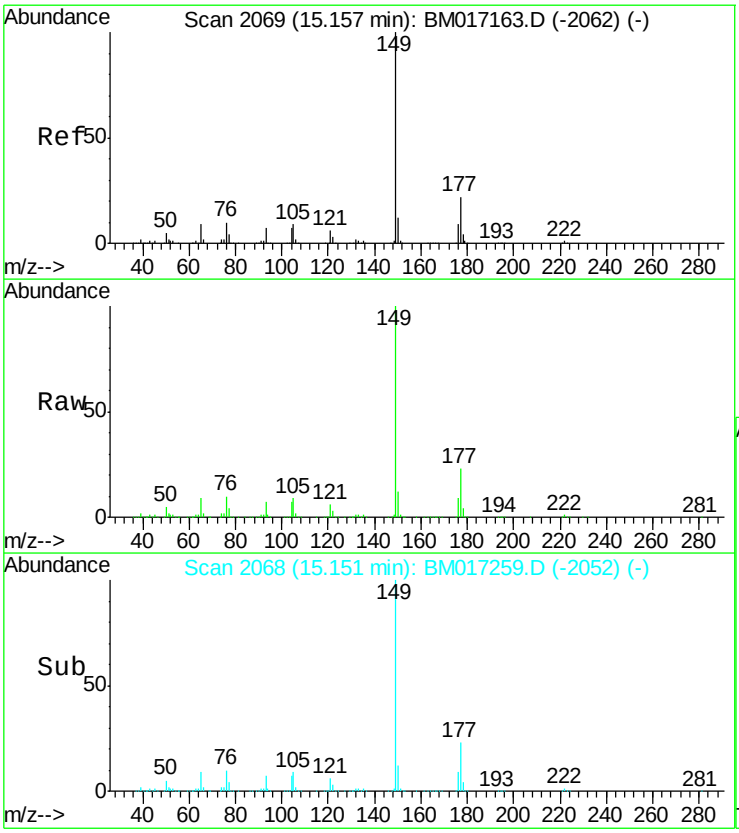
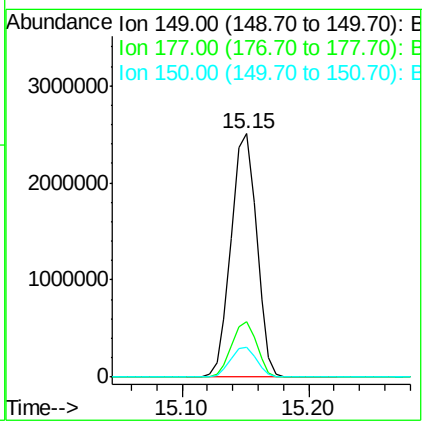
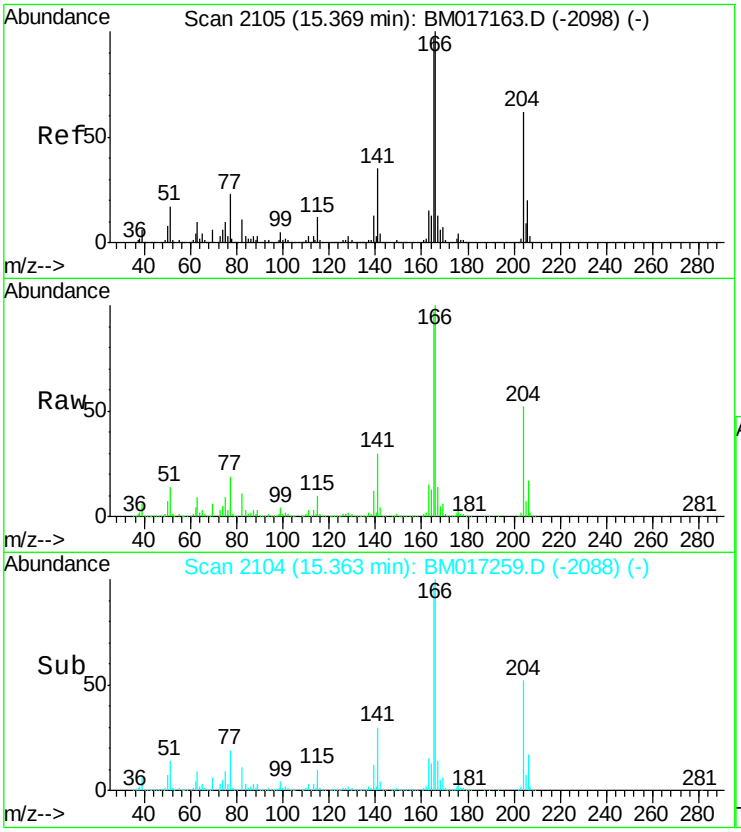


#60
Diethylphthalate
Concen: 52.349 ng
RT: 15.15 min Scan# 2068
Delta R.T. -0.01 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion:149 Resp: 3499864

Ion	Ratio	Lower	Upper
149	100		
177	22.6	17.7	26.5
150	12.4	10.0	15.0





#61
4-Chlorophenyl-phenylether
Concen: 47.198 ng
RT: 15.36 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion:204 Resp: 1743699

Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.1	39.1
141	57.7	45.4	68.2

Instrument :
BNA_M
ClientSampleId :
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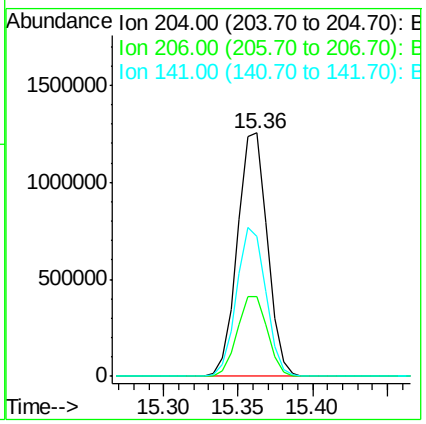
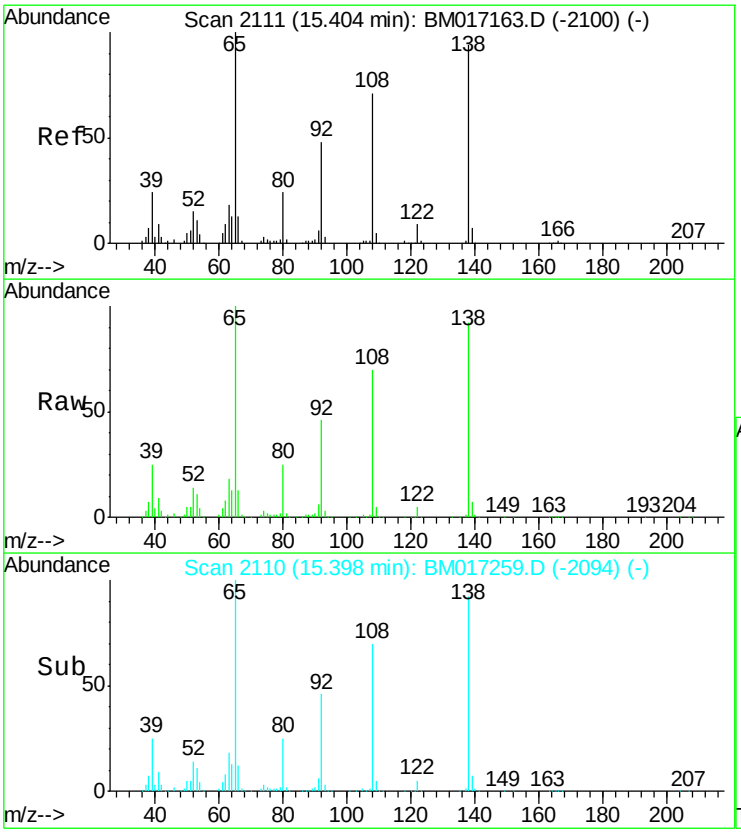
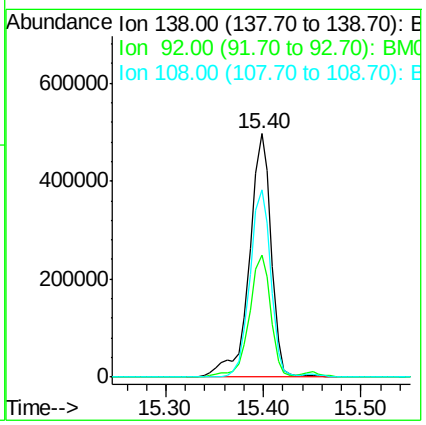


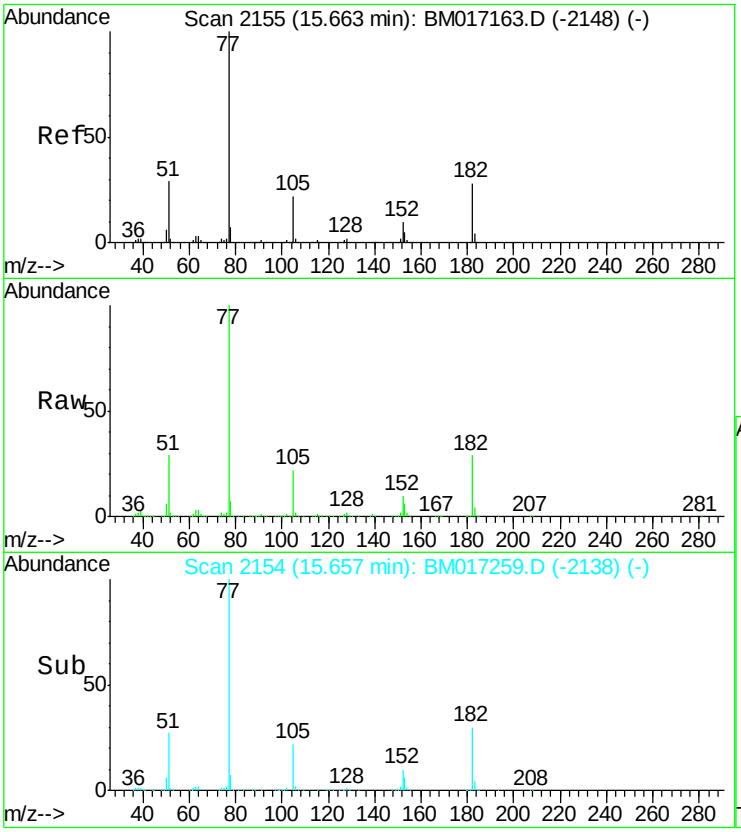


#62
4-Nitroaniline
Concen: 44.355 ng
RT: 15.40 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion:138 Resp: 788268

Ion	Ratio	Lower	Upper
138	100		
92	50.4	31.2	71.2
108	76.7	55.5	95.5

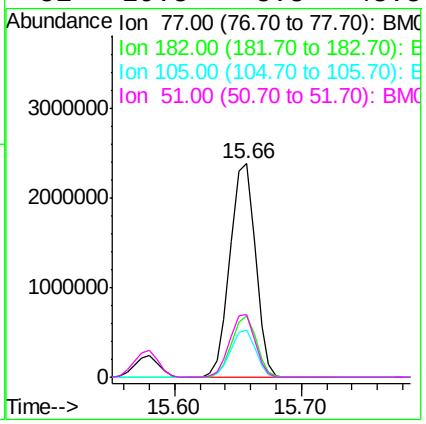




#63
Azobenzene
Concen: 50.720 ng
RT: 15.66 min Scan# 2154
Delta R.T. -0.01 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion: 77 Resp: 3295919

Ion	Ratio	Lower	Upper
77	100		
182	28.9	8.3	48.3
105	21.9	1.5	41.5
51	29.3	8.8	48.8



Instrument :
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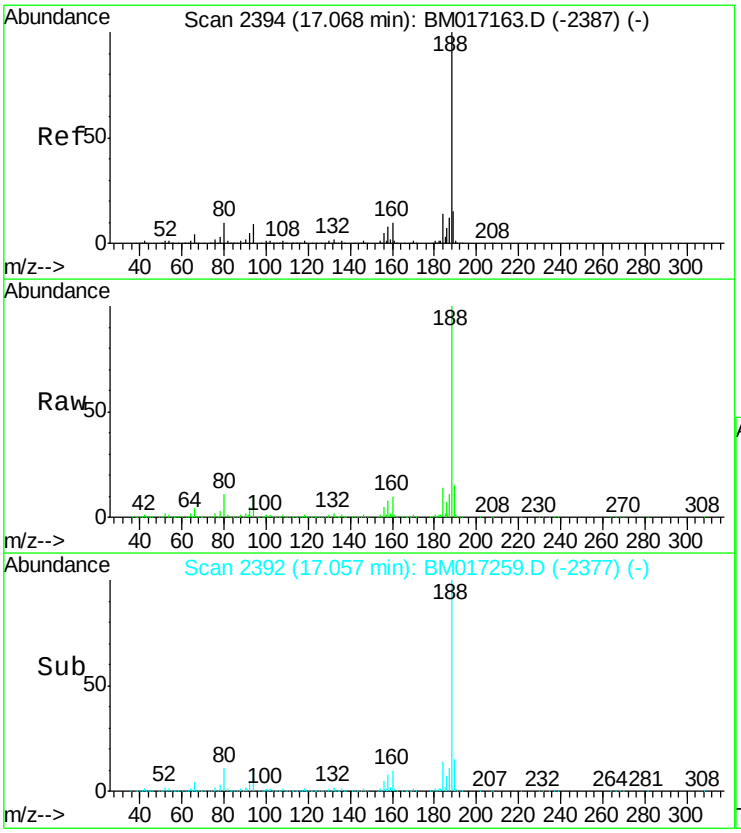
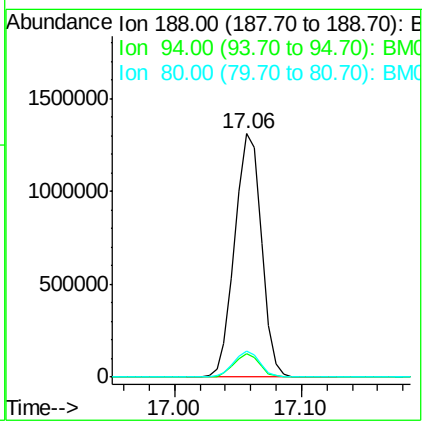
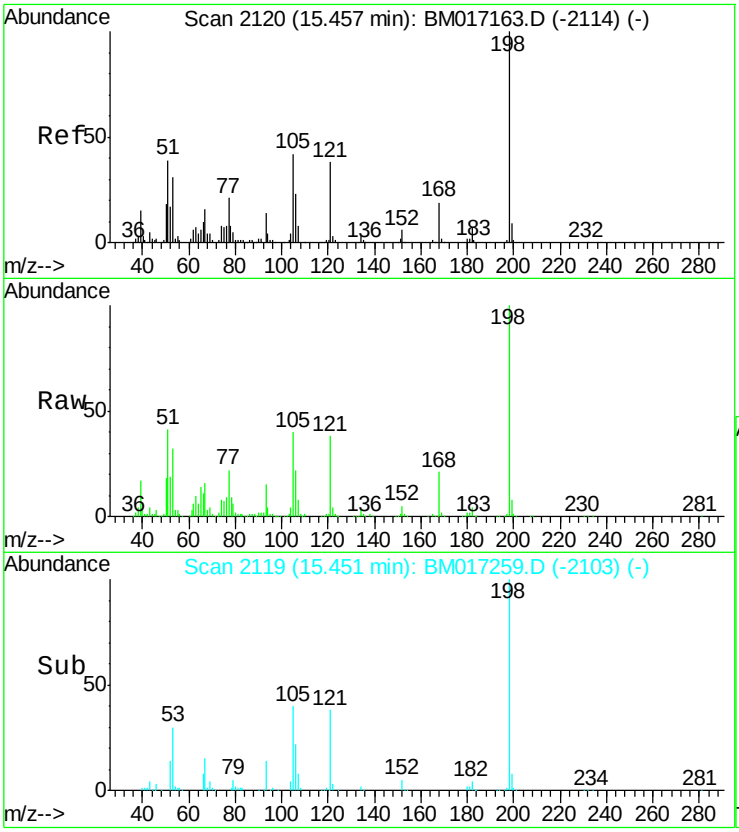


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion:188 Resp: 1906246

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.0	10.4
80	10.7	7.7	11.5

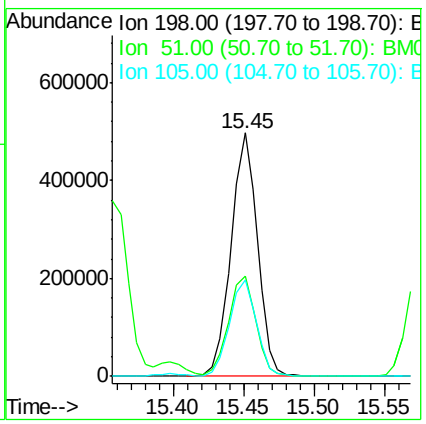




#65
4,6-Dinitro-2-methylphenol
Concen: 52.137 ng
RT: 15.45 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion:198 Resp: 646860

Ion	Ratio	Lower	Upper
198	100		
51	41.1	20.3	60.3
105	39.8	21.9	61.9



Instrument :
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ClientSampleId :
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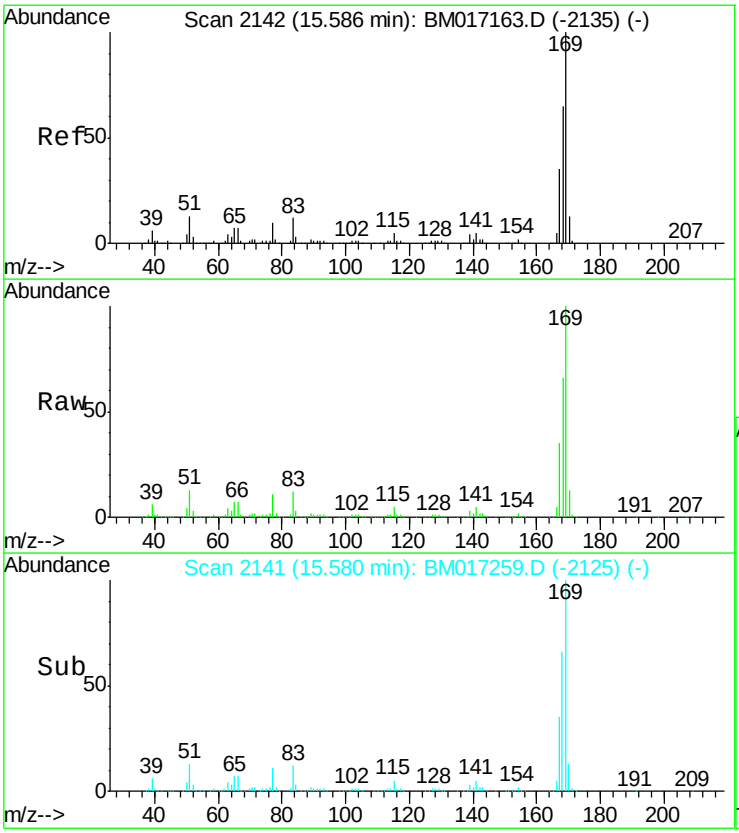
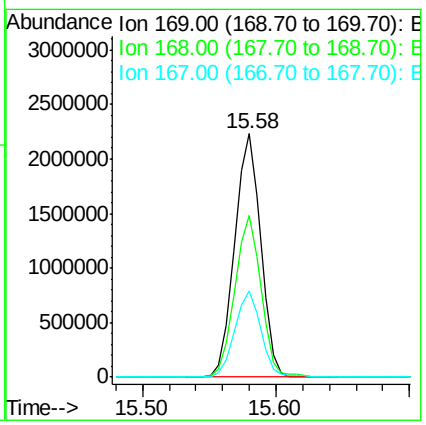
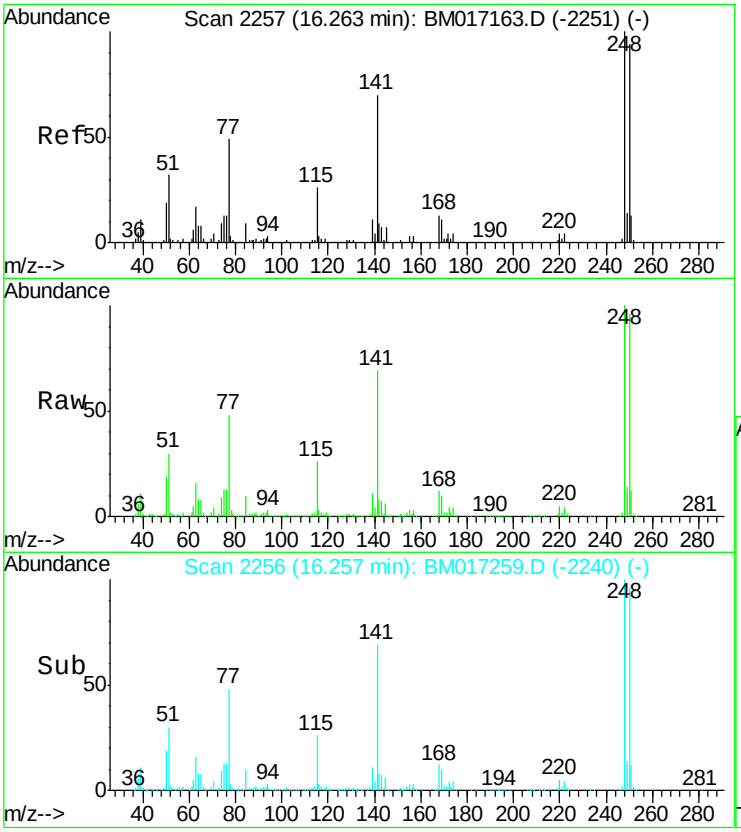


#66
n-Nitrosodiphenylamine
Concen: 52.339 ng
RT: 15.58 min Scan# 2141
Delta R.T. -0.01 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion:169 Resp: 3018543

Ion	Ratio	Lower	Upper
169	100		
168	66.3	52.2	78.4
167	35.2	28.4	42.6

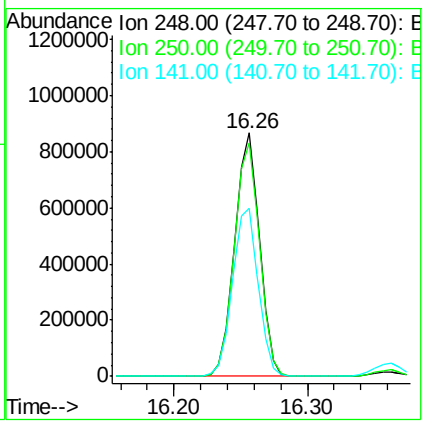




#67
4-Bromophenyl-phenylether
Concen: 53.619 ng
RT: 16.26 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion:248 Resp: 1122277

Ion	Ratio	Lower	Upper
248	100		
250	96.0	75.1	112.7
141	68.9	55.6	83.4



Instrument :
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ClientSampleId :
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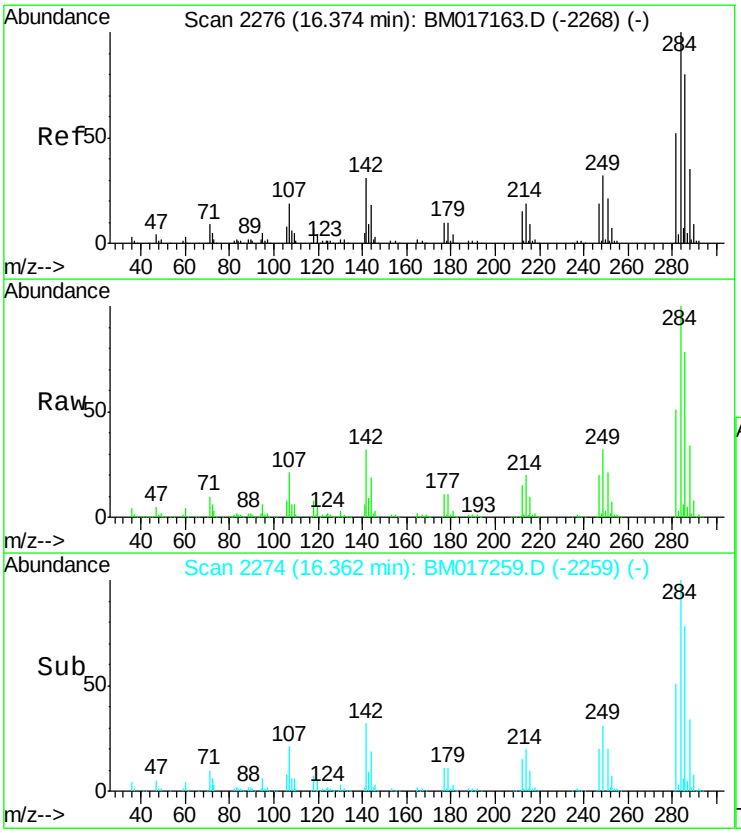
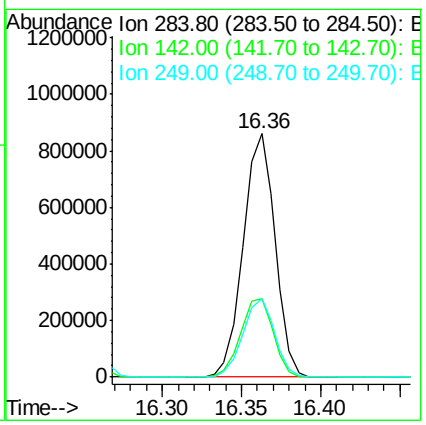
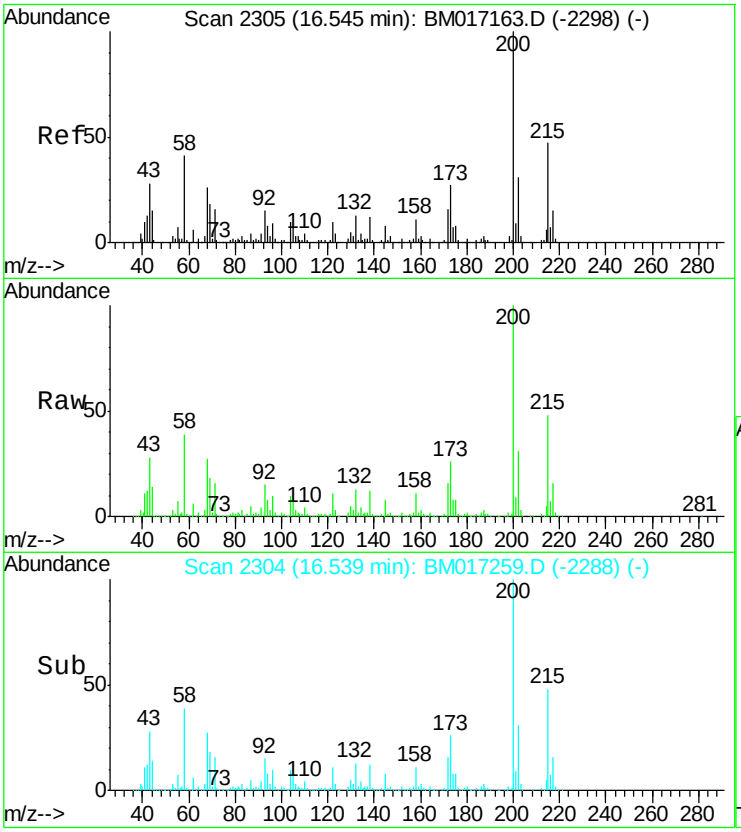


#68
Hexachlorobenzene
Concen: 49.362 ng
RT: 16.36 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion:284 Resp: 1200135

Ion	Ratio	Lower	Upper
284	100		
142	32.5	25.0	37.6
249	32.0	25.5	38.3

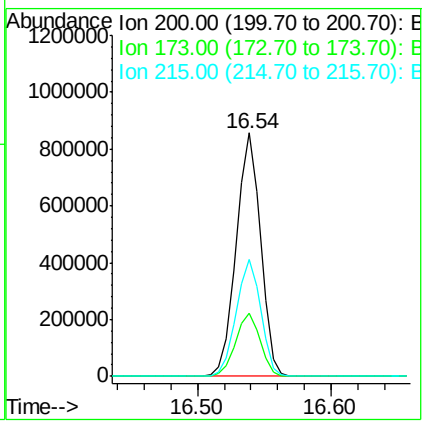




#69
Atrazine
Concen: 52.667 ng
RT: 16.54 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion:200 Resp: 1087124

Ion	Ratio	Lower	Upper
200	100		
173	26.1	7.0	47.0
215	47.8	27.3	67.3



Instrument :
BNA_M
ClientSampleId :
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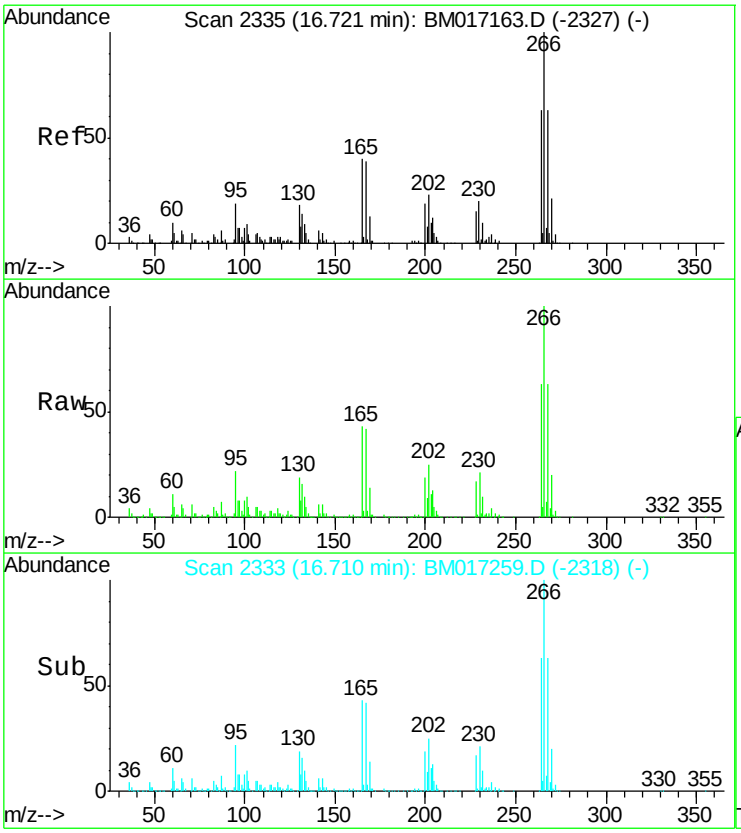
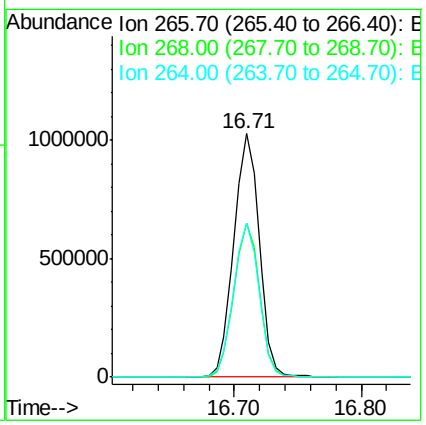
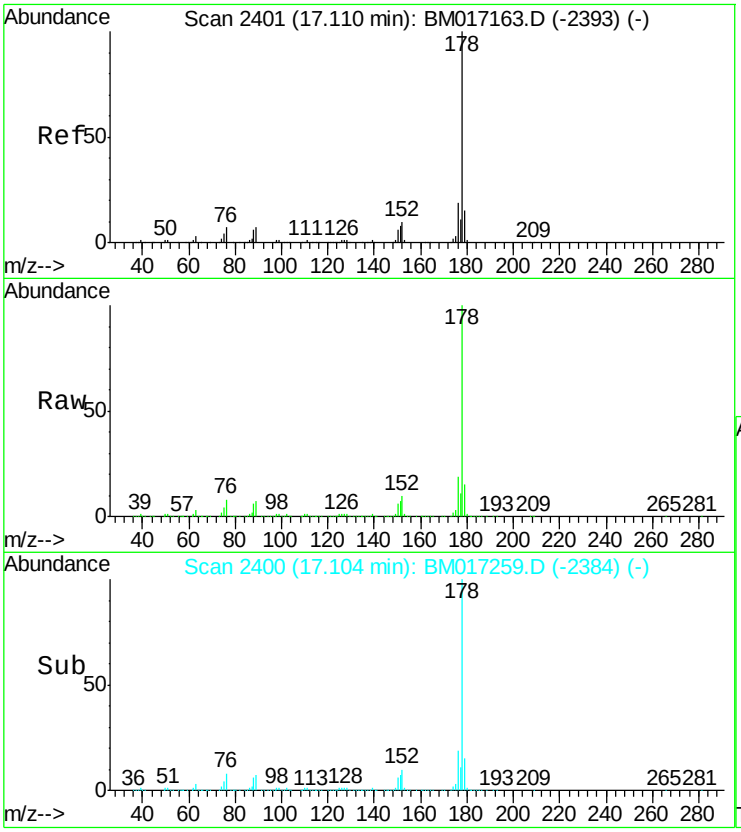


#70
Pentachlorophenol
Concen: 85.834 ng
RT: 16.71 min Scan# 2333
Delta R.T. -0.01 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion:266 Resp: 1429585

Ion	Ratio	Lower	Upper
266	100		
268	63.3	50.7	76.1
264	63.1	50.4	75.6

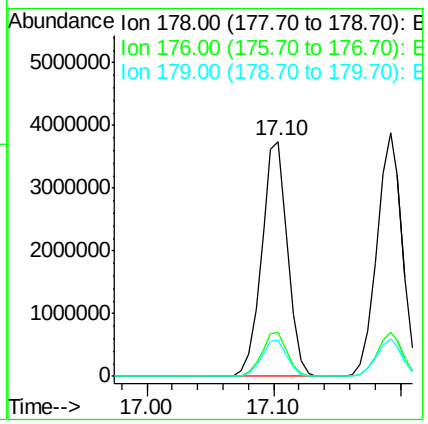




#71
Phenanthrene
Concen: 51.197 ng
RT: 17.10 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion:178 Resp: 5265519

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.4	12.3	18.5



Instrument :
BNA_M
ClientSampleId :
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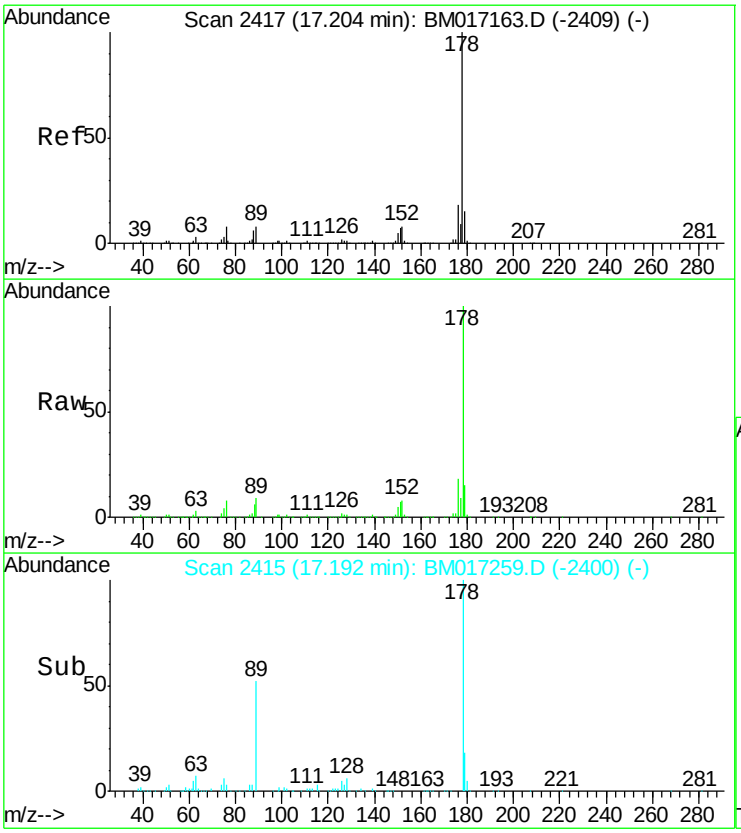
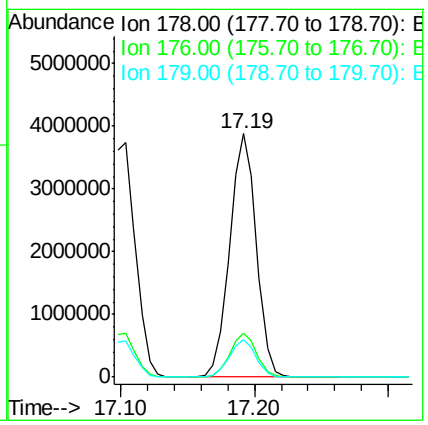
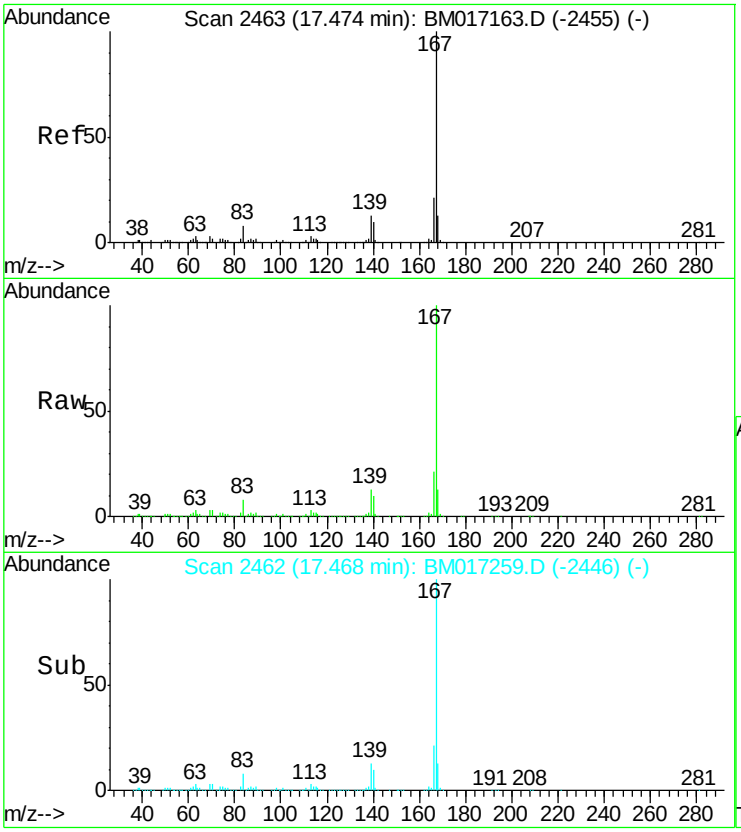


#72
Anthracene
Concen: 54.896 ng
RT: 17.19 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion:178 Resp: 5364702

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.5	21.7
179	15.4	12.2	18.2

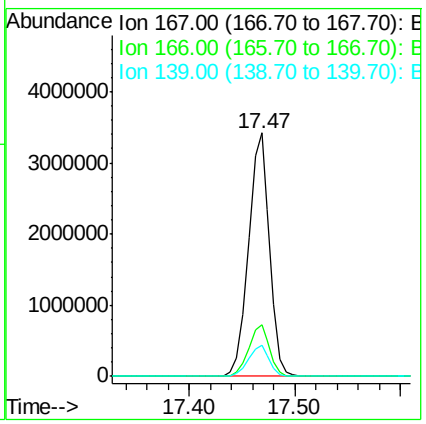




#73
Carbazole
Concen: 47.234 ng
RT: 17.47 min Scan# 2462
Delta R.T. -0.01 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion:167 Resp: 4715119

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.1	25.7
139	12.7	10.1	15.1



Instrument :
BNA_M
ClientSampleId :
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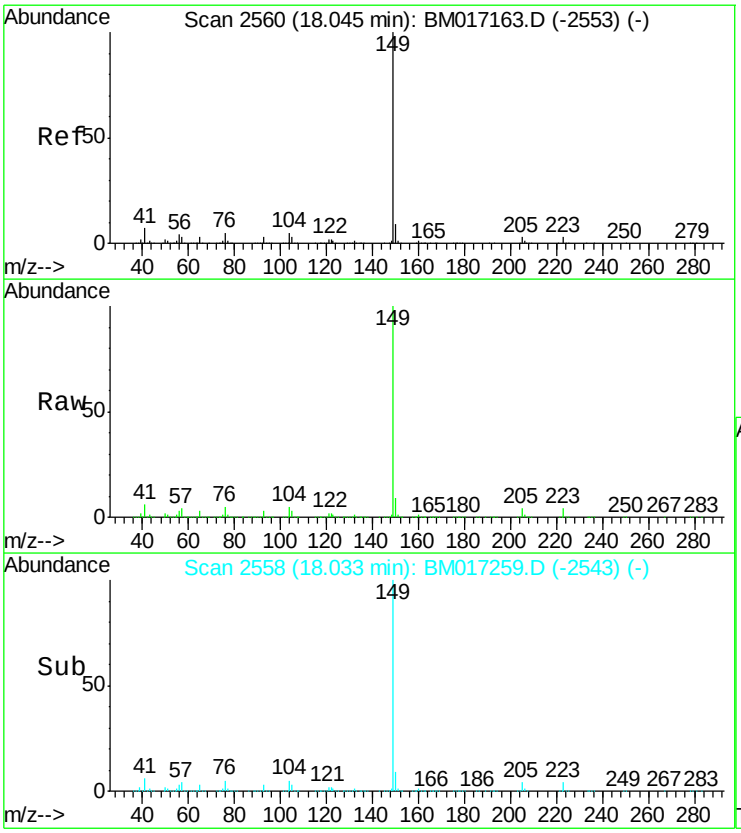
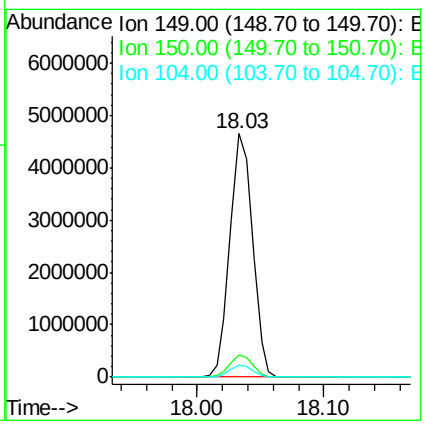
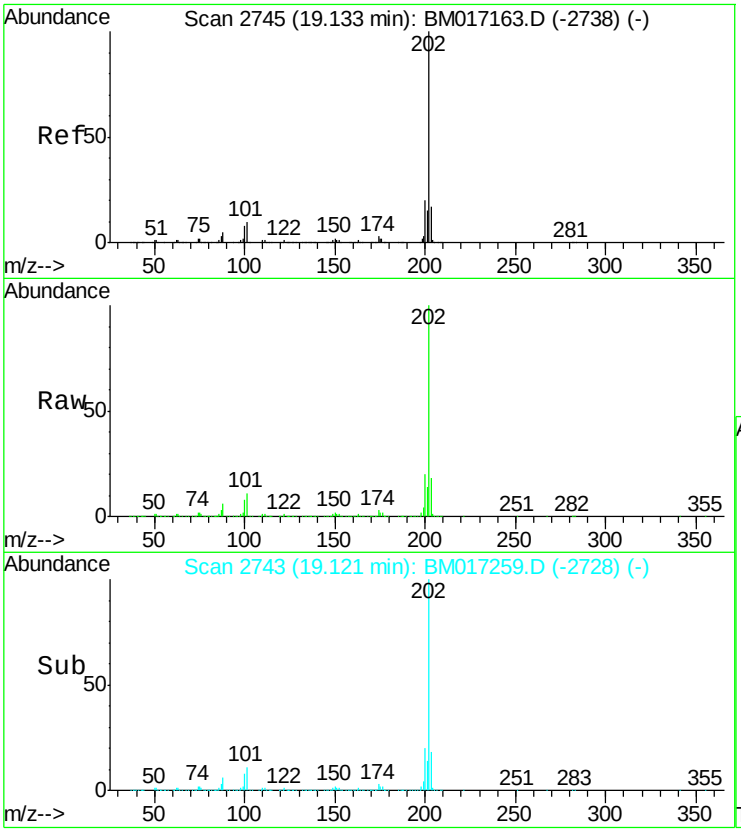


#74
Di-n-butylphthalate
Concen: 54.522 ng
RT: 18.03 min Scan# 2558
Delta R.T. -0.01 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion:149 Resp: 5740542

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.0
104	5.0	4.3	6.5

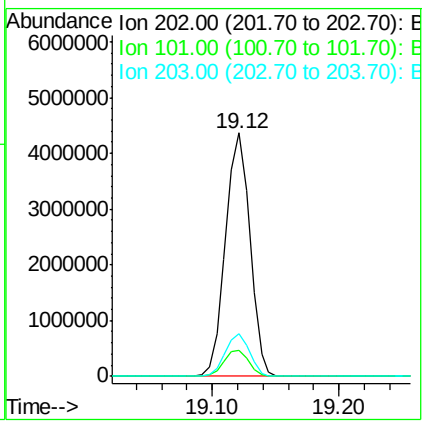




#75
Fluoranthene
Concen: 50.243 ng
RT: 19.12 min Scan# 2743
Delta R.T. -0.01 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion:202 Resp: 5814729

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	30.0
203	17.7	0.0	37.2



Instrument :
BNA_M
ClientSampleId :
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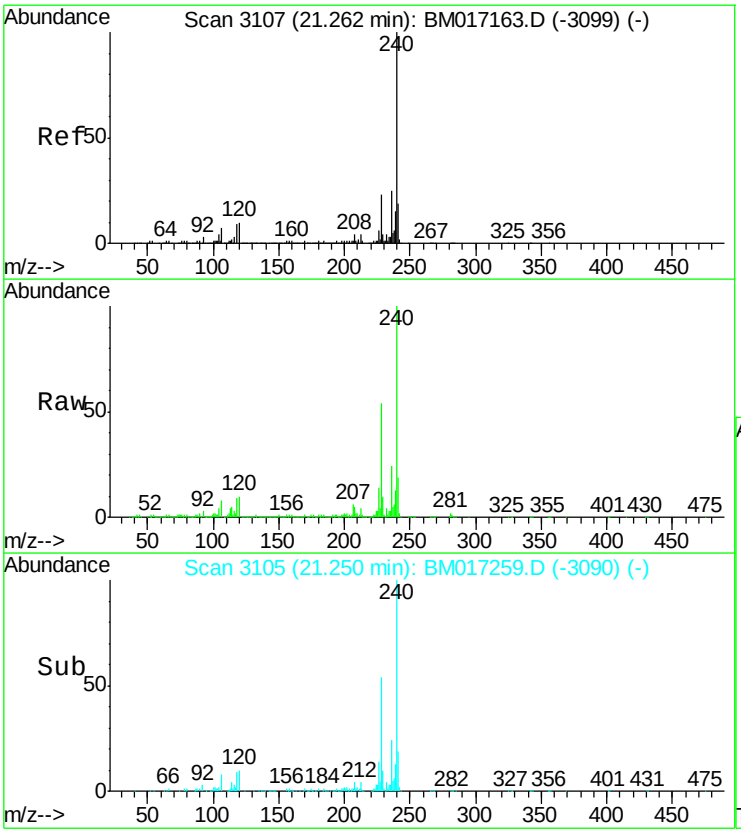
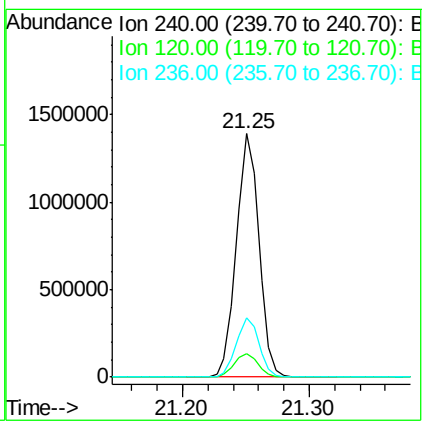
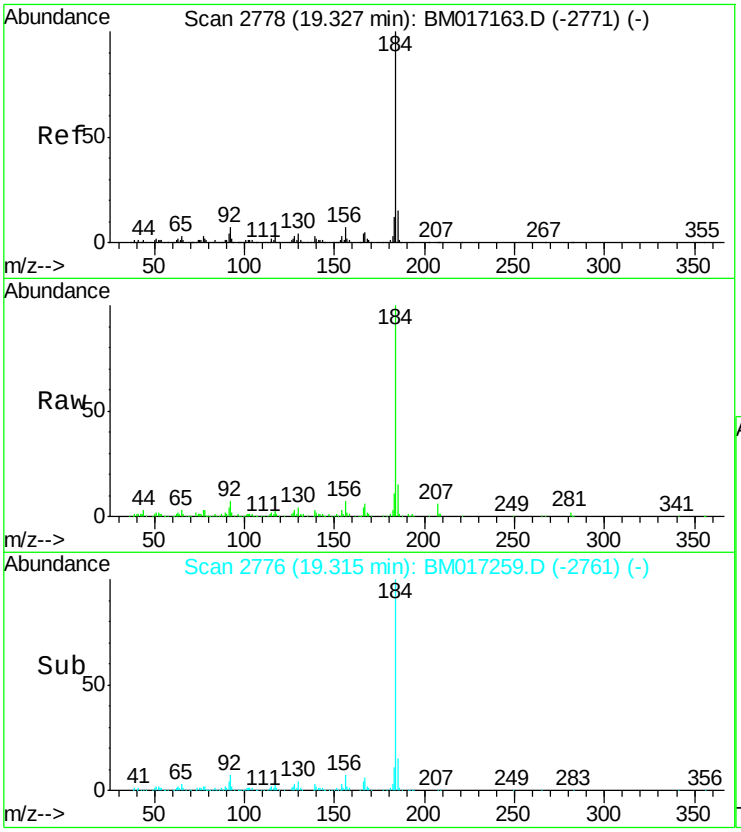


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.25 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion:240 Resp: 1706148

Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.1	12.1
236	24.4	19.9	29.9

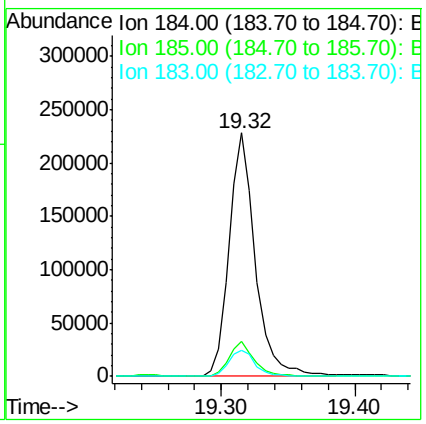




#77
Benzidine
Concen: 7.249 ng
RT: 19.32 min Scan# 2776
Delta R.T. -0.01 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion:184 Resp: 313586

Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.8	17.8
183	10.8	9.7	14.5



Instrument :
BNA_M
ClientSampleId :
JC-02-101818-AMSD

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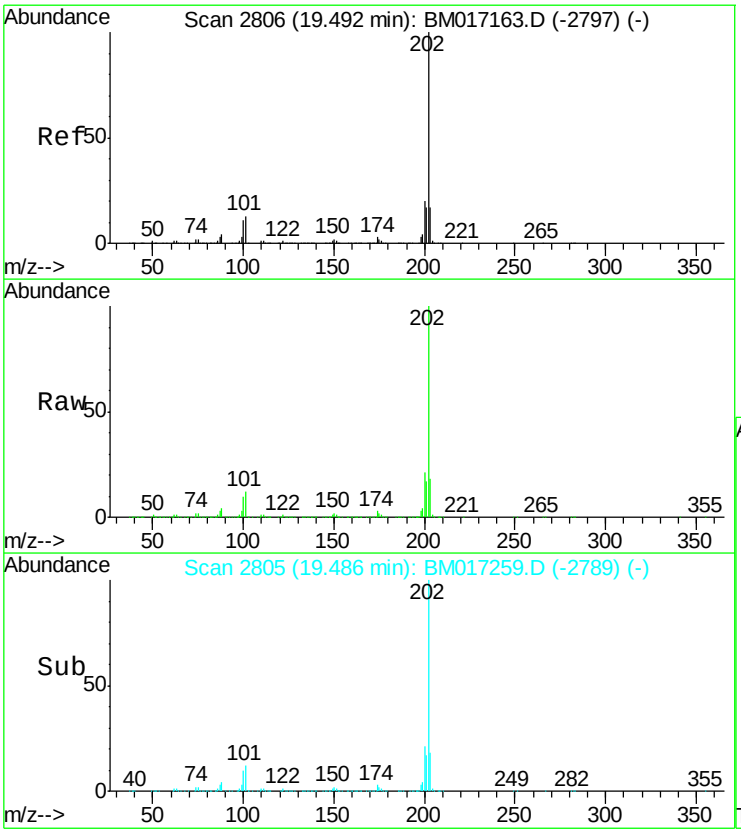
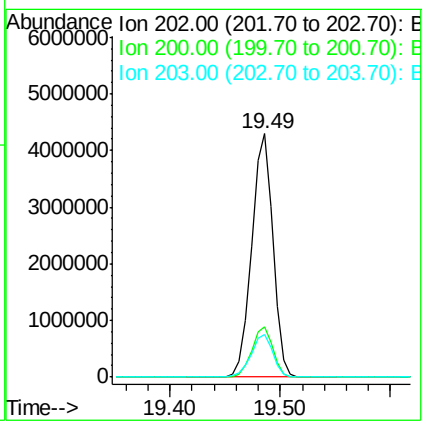
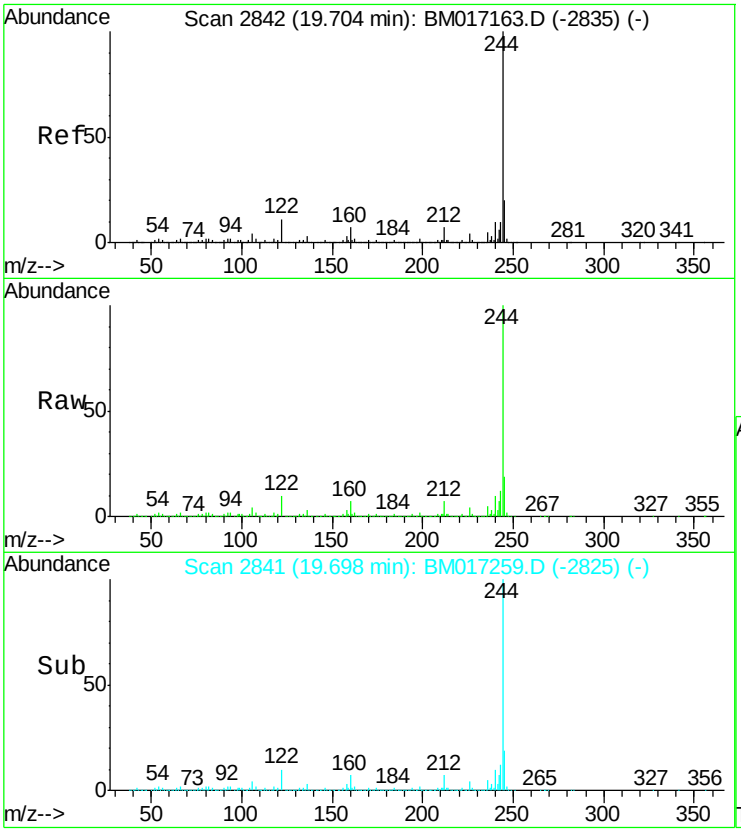


#78
Pyrene
Concen: 60.907 ng
RT: 19.49 min Scan# 2805
Delta R.T. -0.01 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion:202 Resp: 5807909

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.3	24.5
203	17.6	13.9	20.9

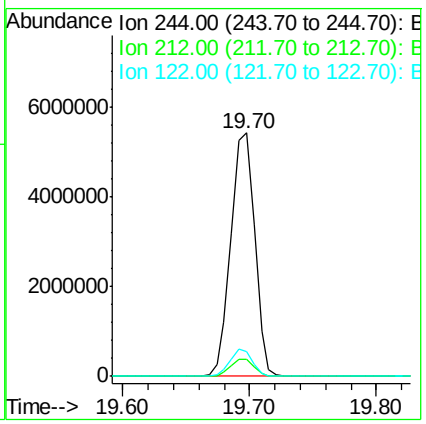




#79
Terphenyl-d14
Concen: 93.125 ng
RT: 19.70 min Scan# 2841
Delta R.T. -0.01 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion:244 Resp: 7049029

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.5	8.3
122	10.1	8.4	12.6



Instrument :
BNA_M
ClientSampleId :
JC-02-101818-AMSD

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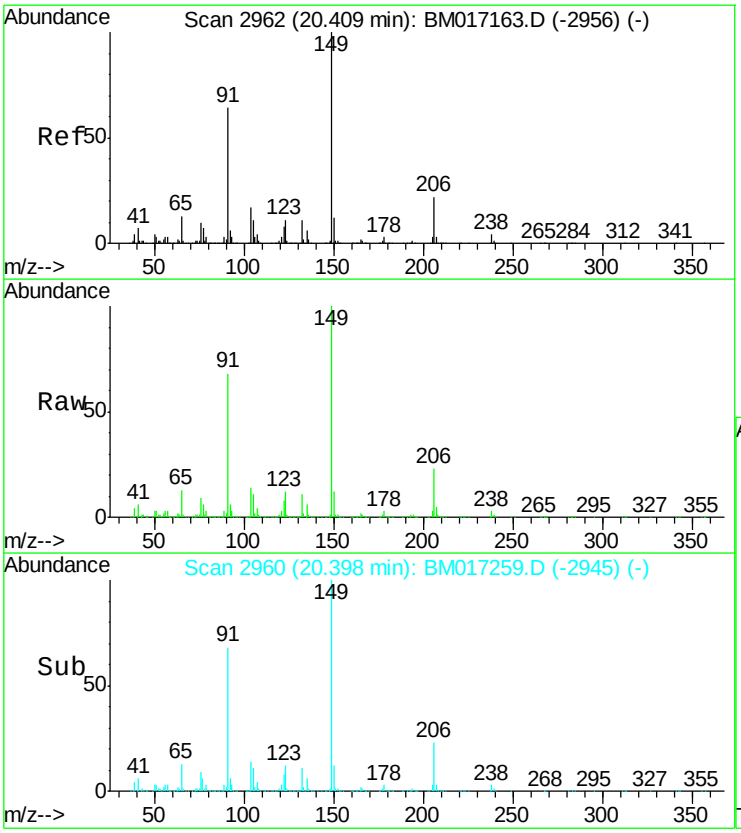
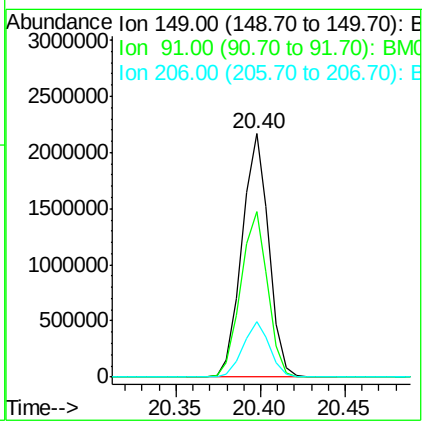
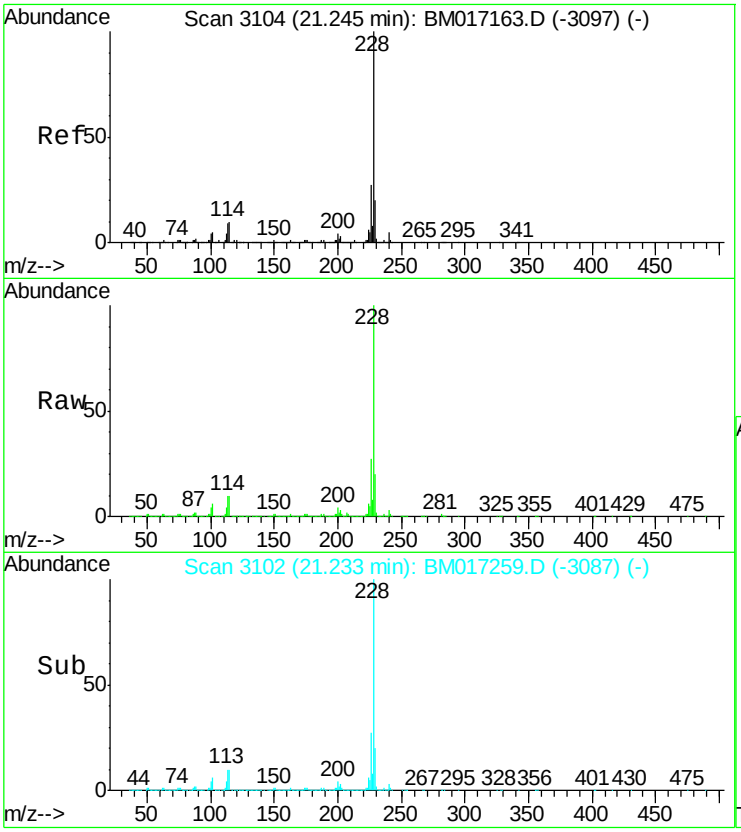


#80
Butylbenzylphthalate
Concen: 63.261 ng
RT: 20.40 min Scan# 2960
Delta R.T. -0.01 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion:149 Resp: 2392858

Ion	Ratio	Lower	Upper
149	100		
91	67.9	51.3	76.9
206	22.7	18.0	27.0

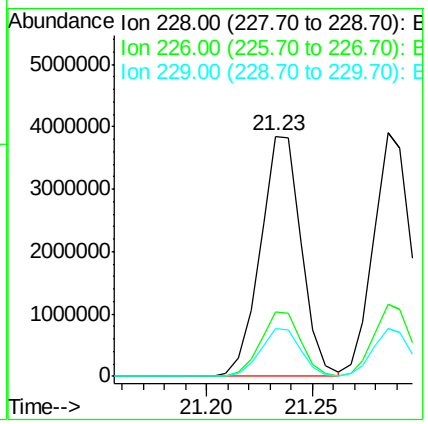




#81
Benzo(a)anthracene
Concen: 53.895 ng
RT: 21.23 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion:228 Resp: 5174617

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.4	32.0
229	19.7	15.9	23.9



Instrument :
BNA_M
ClientSampleId :
JC-02-101818-AMSD

Manual Integrations APPROVED
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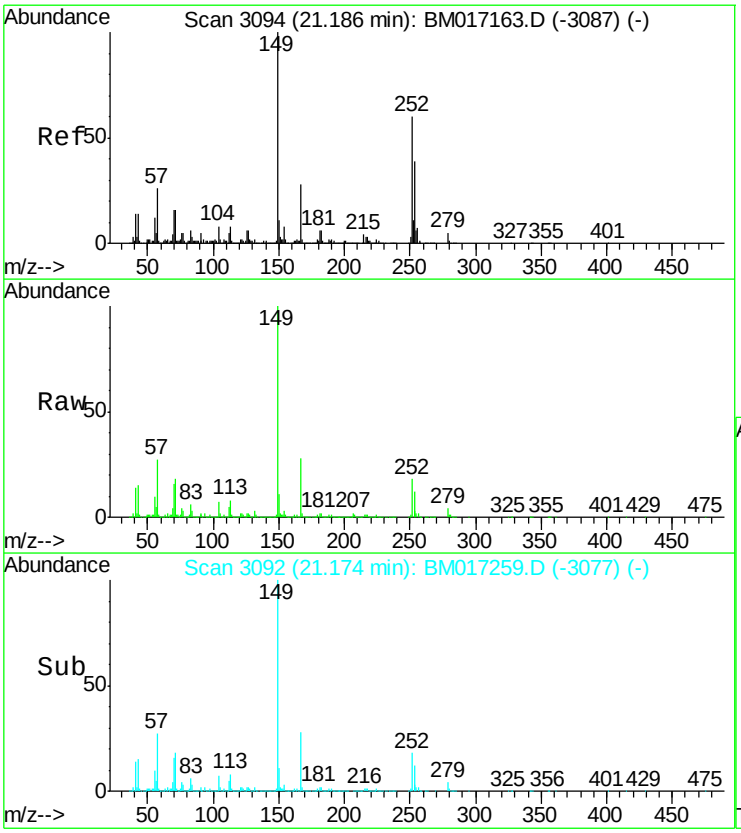
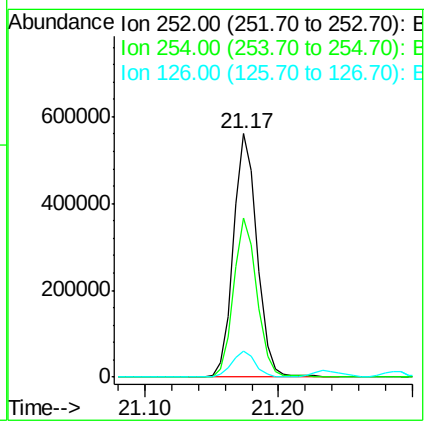
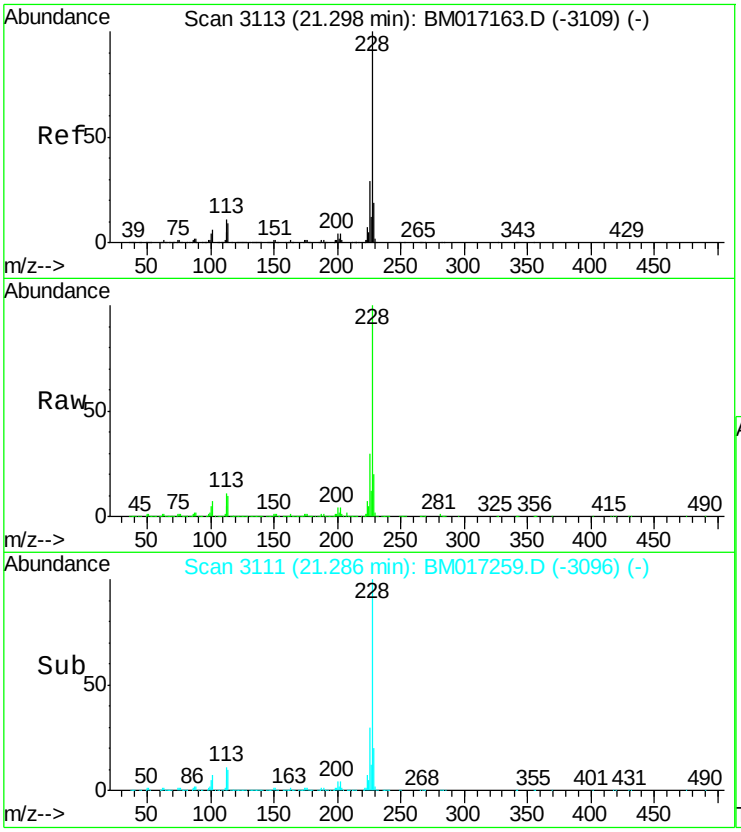


#82
3,3'-Dichlorobenzidine
Concen: 19.506 ng
RT: 21.17 min Scan# 3092
Delta R.T. -0.01 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion:252 Resp: 698000

Ion	Ratio	Lower	Upper
252	100		
254	65.6	52.1	78.1
126	10.8	8.6	12.8

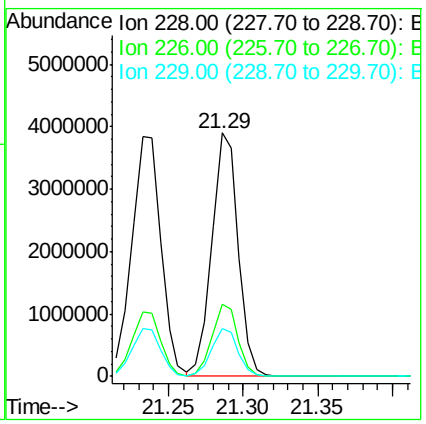




#83
Chrysene
Concen: 50.516 ng
RT: 21.29 min Scan# 3111
Delta R.T. -0.01 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion:228 Resp: 4800681

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.3	34.9
229	19.9	15.6	23.4



Instrument :
BNA_M
ClientSampleId :
JC-02-101818-AMSD

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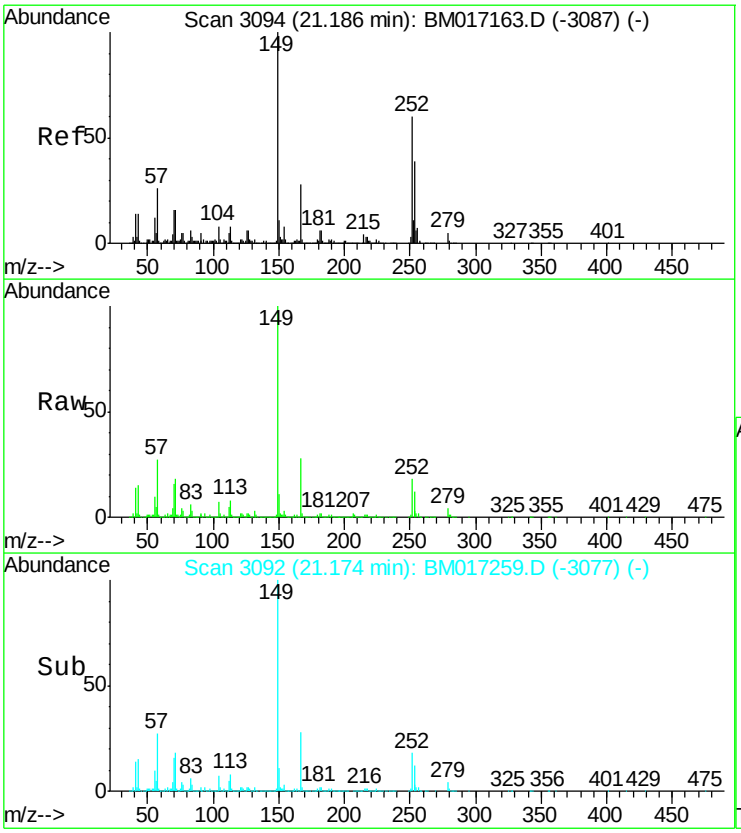
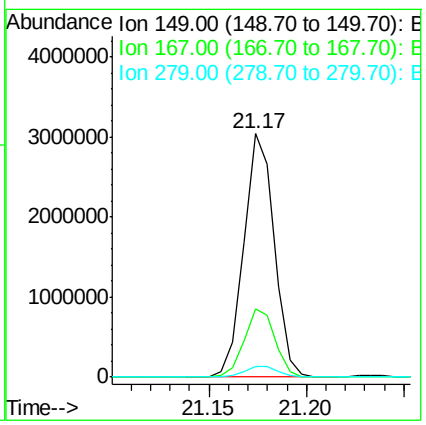
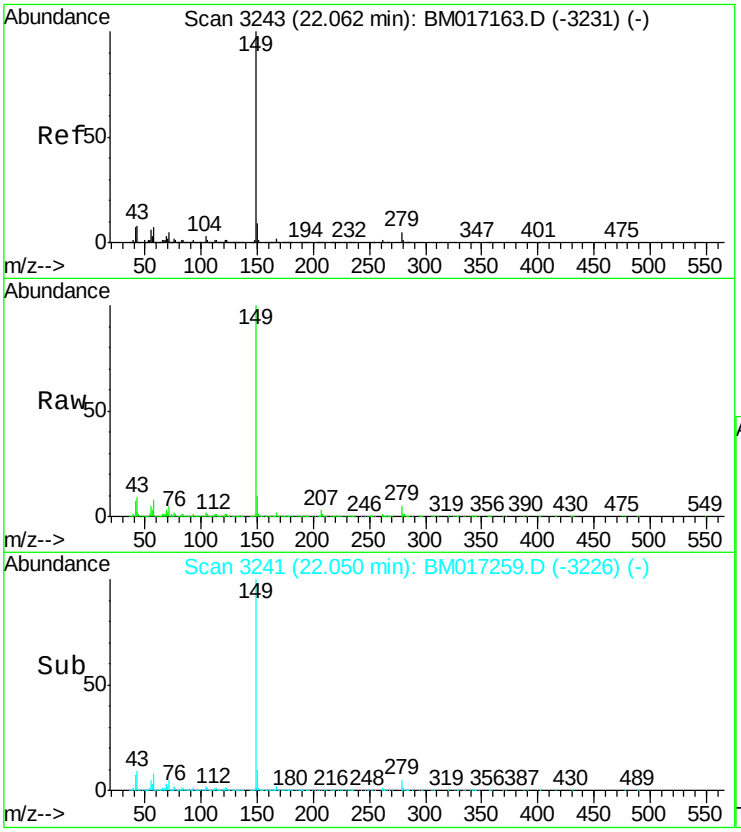


#84
Bis(2-ethylhexyl)phthalate
Concen: 57.861 ng
RT: 21.17 min Scan# 3092
Delta R.T. -0.01 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion:149 Resp: 3280411

Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.2	33.4
279	4.3	3.6	5.4

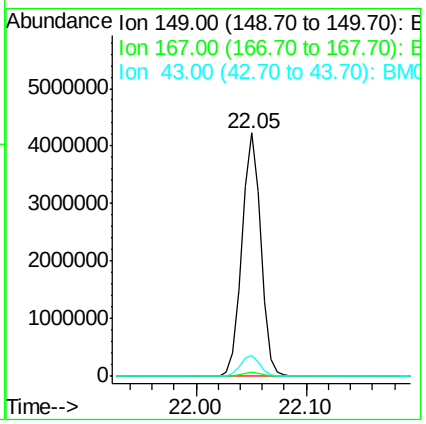




#85
Di-n-octyl phthalate
Concen: 53.595 ng
RT: 22.05 min Scan# 3241
Delta R.T. -0.01 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion:149 Resp: 5109957

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	8.8	7.2	10.8



Instrument :
BNA_M
ClientSampleId :
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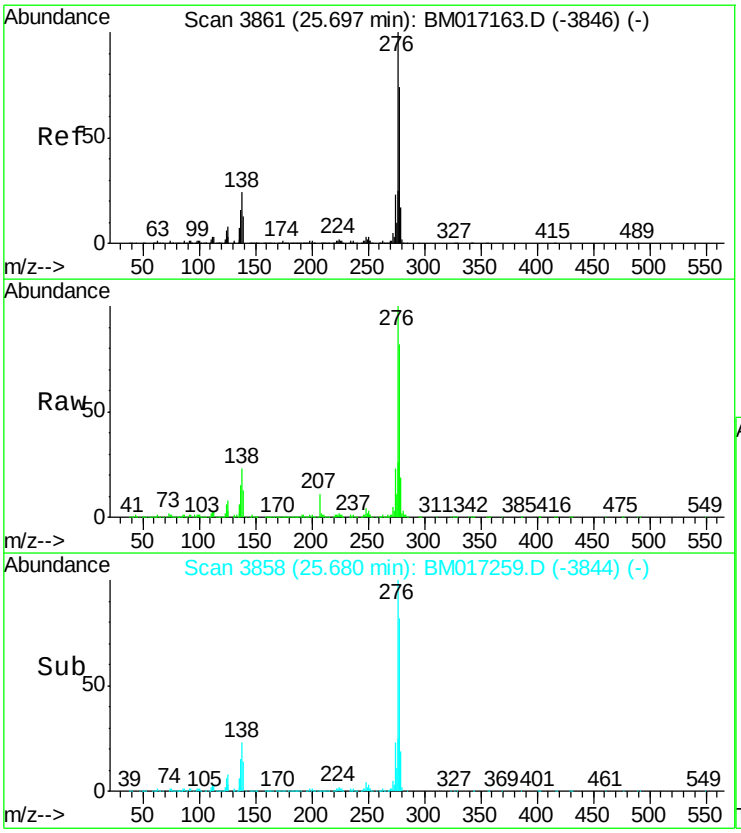
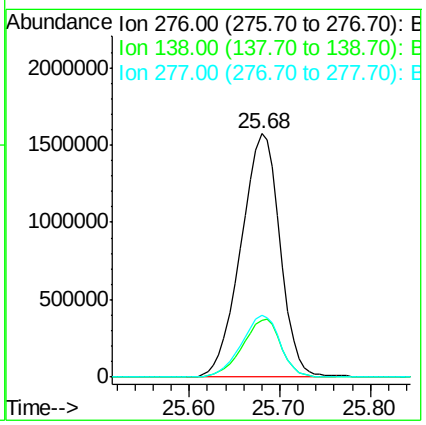
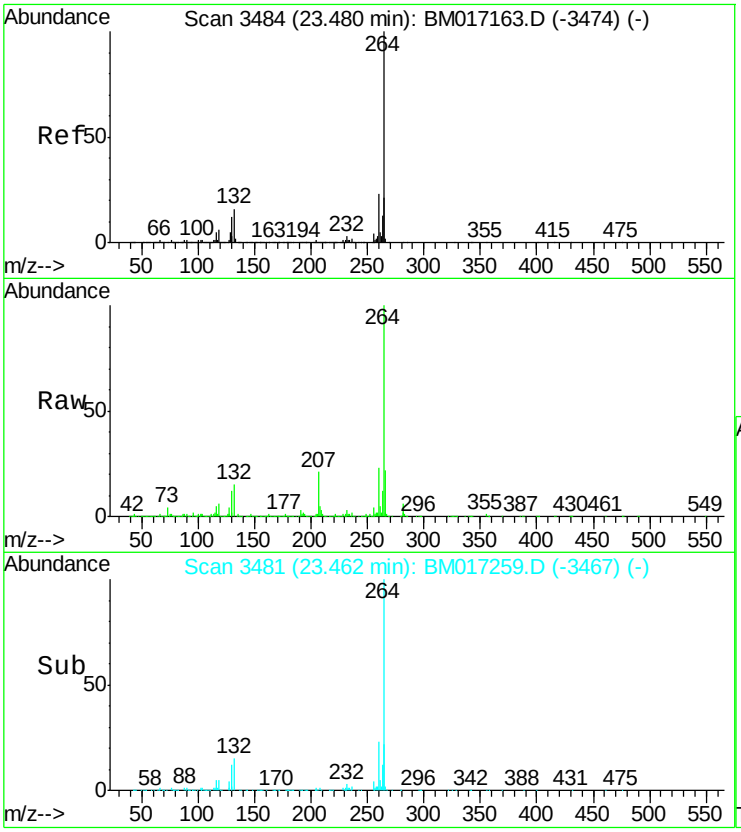


#86
Indeno(1,2,3-cd)pyrene
Concen: 44.212 ng
RT: 25.68 min Scan# 3858
Delta R.T. -0.02 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion:276 Resp: 4699400

Ion	Ratio	Lower	Upper
276	100		
138	23.5	19.5	29.3
277	25.3	20.1	30.1

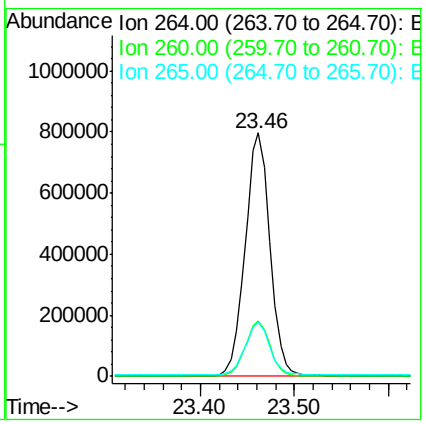




#87
Perylene-d12
Concen: 20.000 ng
RT: 23.46 min Scan# 3481
Delta R.T. -0.02 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion:264 Resp: 1459747

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.6	27.8
265	22.3	17.8	26.8



Instrument :
BNA_M
ClientSampleId :
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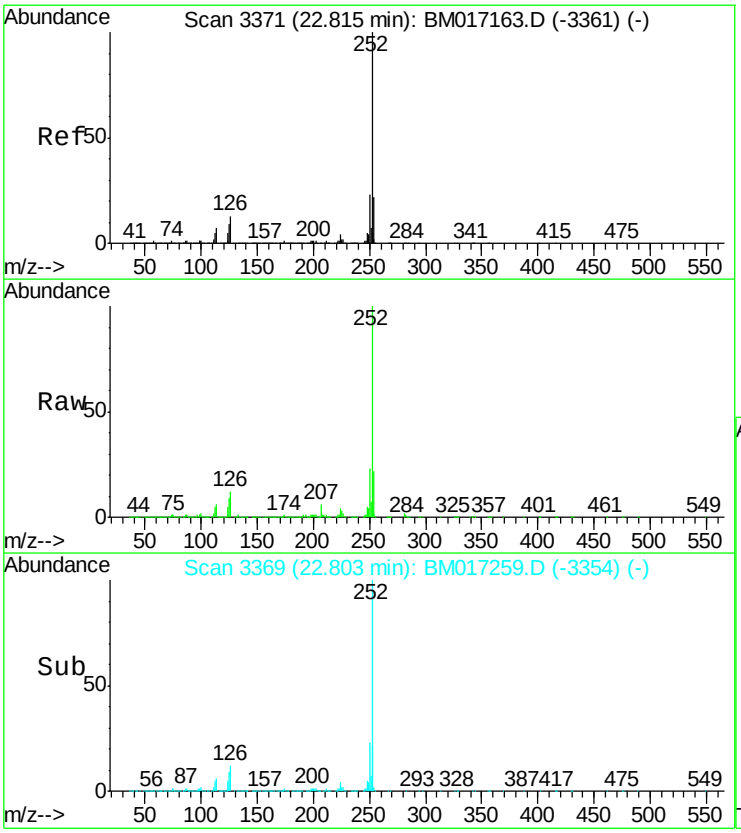
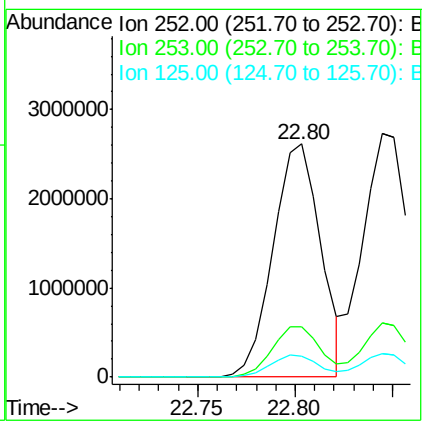
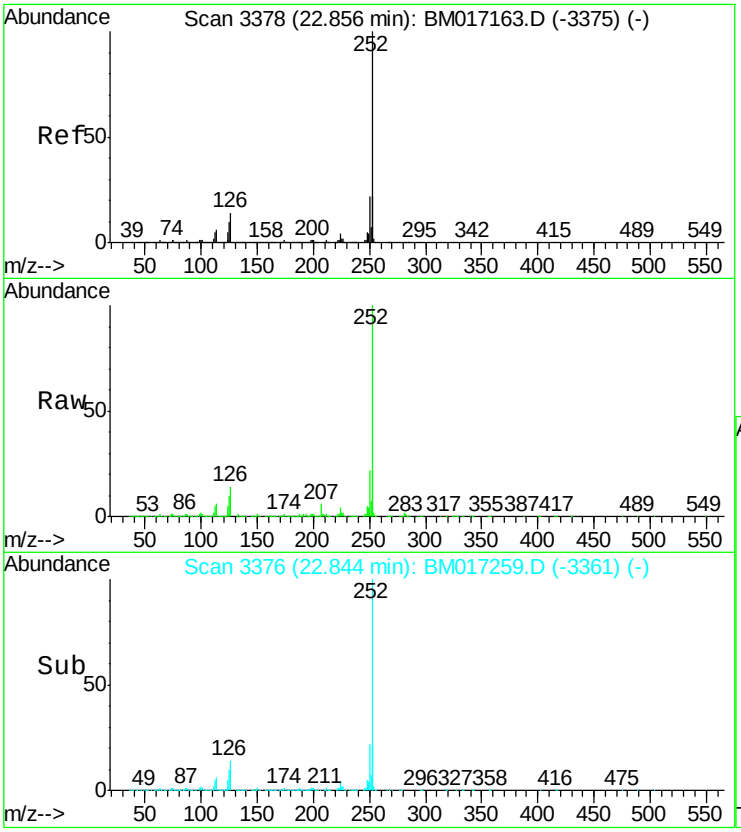


#88
Benzo(b)fluoranthene
Concen: 55.381 ng
RT: 22.80 min Scan# 3369
Delta R.T. -0.01 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion:252 Resp: 4419905

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	9.2	7.5	11.3

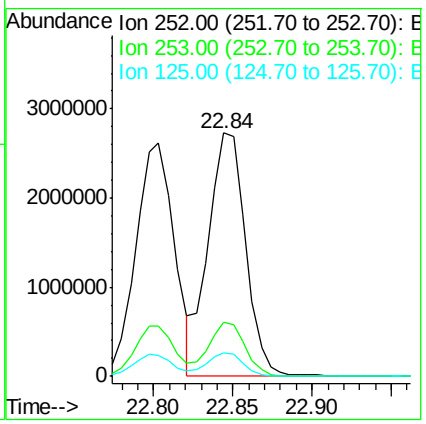




#89
Benzo(k)fluoranthene
Concen: 55.625 ng
RT: 22.84 min Scan# 3376
Delta R.T. -0.01 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion:252 Resp: 4454655

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	9.6	8.2	12.2



Instrument :
BNA_M
ClientSampleId :
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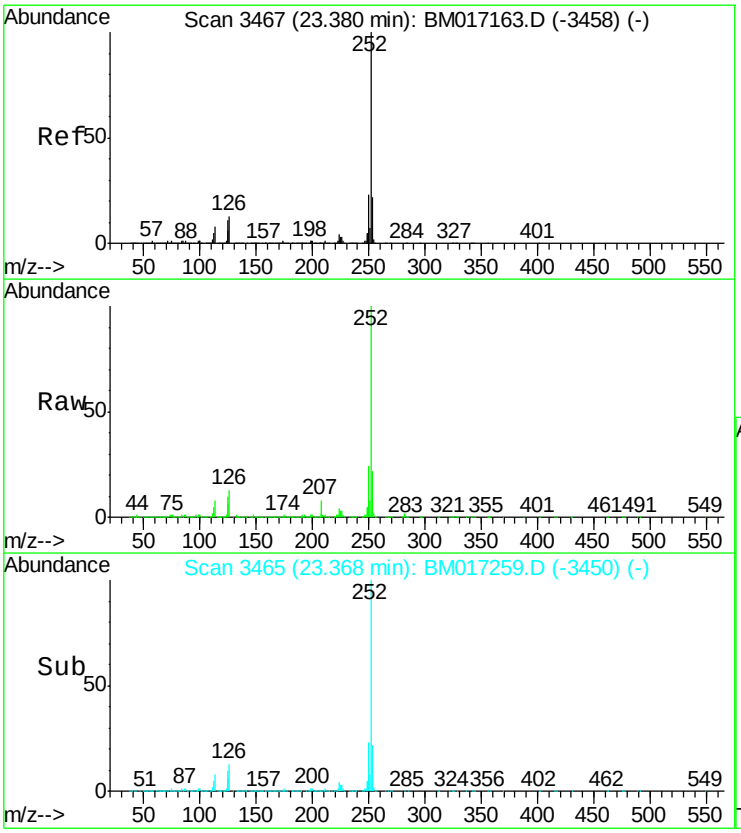
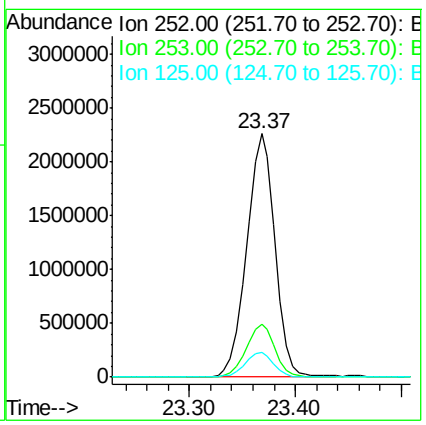
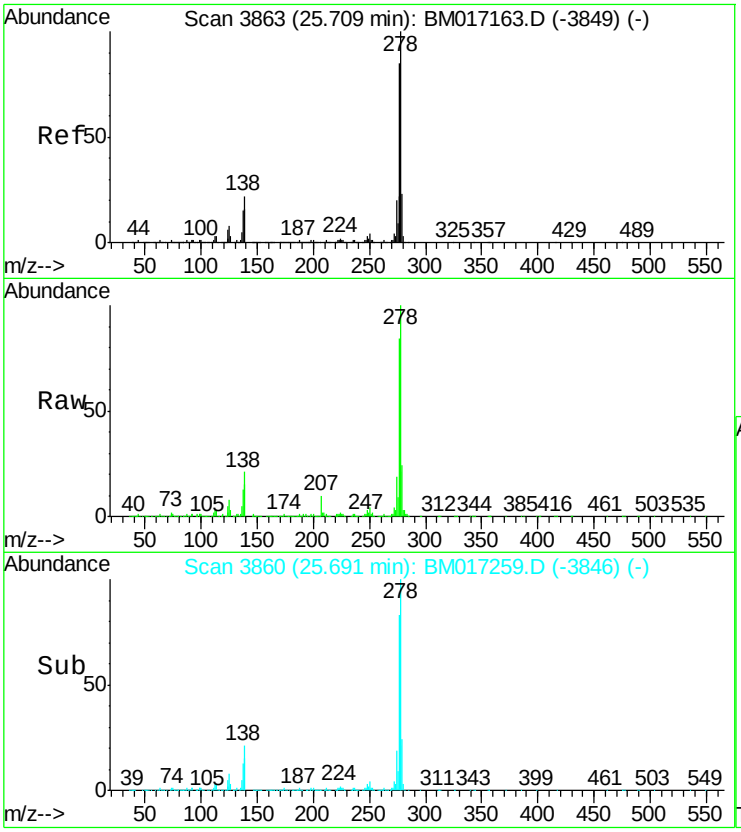


#90
Benzo(a)pyrene
Concen: 55.364 ng
RT: 23.37 min Scan# 3465
Delta R.T. -0.01 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion:252 Resp: 4195338

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.4	26.0
125	10.4	8.6	13.0

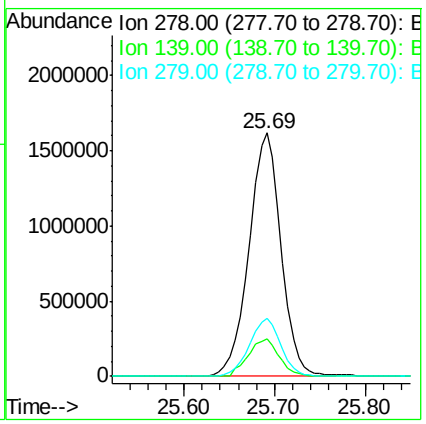




#91
Dibenzo(a,h)anthracene
Concen: 52.619 ng
RT: 25.69 min Scan# 3860
Delta R.T. -0.02 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

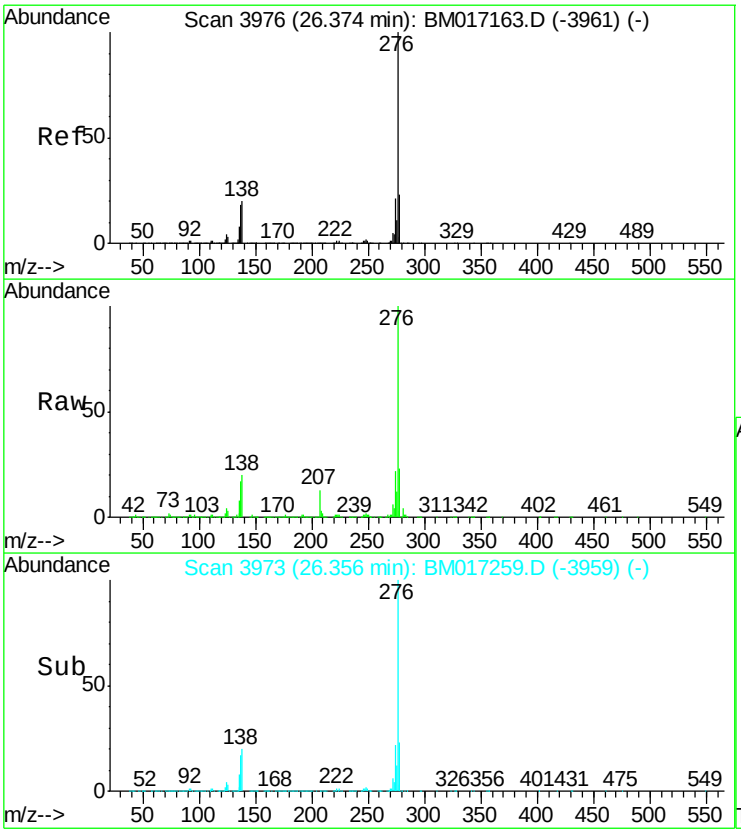
Tgt Ion:278 Resp: 3959255

Ion	Ratio	Lower	Upper
278	100		
139	15.4	12.7	19.1
279	23.9	18.7	28.1



Instrument :
BNA_M
ClientSampleId :
JC-02-101818-AMSD

Manual Integrations APPROVED
Sohil
10/22/2018 1:09:52 PM



#92
Benzo(g,h,i)perylene
Concen: 52.894 ng
RT: 26.36 min Scan# 3973
Delta R.T. -0.02 min
Lab File: BM017259.D
Acq: 20 Oct 2018 11:25

Tgt Ion:276 Resp: 3944569

Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.6	28.0
138	19.9	16.4	24.6