Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM122718\
Data File : BM018413.D
Acq On : 28 Dec 2018 01:16
Operator : JU/SJ
Sample : J6576-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 381218011-4

Quant Time: Dec 28 04:08:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM122718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 27 14:18:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	399555	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	1790997	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	1053538	20.00	ng	0.00
64) Phenanthrene-d10	17.17	188	2483750	20.00	ng	0.00
76) Chrysene-d12	21.36	240	2591560	20.00	ng	-0.01
87) Perylene-d12	23.66	264	2309944	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	61054	2.88	ng	0.00
7) Phenol-d6	6.93	99	121789	4.14	ng	0.00
23) Nitrobenzene-d5	8.94	82	340486	10.91	ng	-0.01
42) 2,4,6-Tribromophenol	15.92	330	106032	7.92	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	1140985	14.67	ng	0.00
79) Terphenyl-d14	19.80	244	2151956	17.69	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	758	0.088	ng	# 1
3) Pyridine	3.68	79	1164	0.049	ng	# 1
4) n-Nitrosodimethylamine	3.62	42	598	0.062	ng	# 1
6) Aniline	7.12	93	683	0.019	ng	# 43
8) 2-Chlorophenol	7.35	128	1614	0.063	ng	96
9) Benzaldehyde	6.93	77	3738	0.181	ng	# 78
10) Phenol	6.96	94	4175	0.138	ng	# 59
11) bis(2-Chloroethyl)ether	7.21	93	1329	0.056	ng	85
12) 1,3-Dichlorobenzene	7.67	146	1088	0.036	ng	# 56
13) 1,4-Dichlorobenzene	7.81	146	1514	0.050	ng	# 86
14) 1,2-Dichlorobenzene	8.12	146	1371	0.046	ng	# 54
15) Benzyl Alcohol	8.02	79	7847	0.344	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.32	45	1400	0.037	ng	66
17) 2-Methylphenol	8.21	107	1199	0.056	ng	# 67
18) Hexachloroethane	8.87	117	1211	0.111	ng	# 3
19) n-Nitroso-di-n-propylamine	8.59	70	1897	0.085	ng	# 53
20) 3+4-Methylphenols	8.53	107	18638	0.648	ng	96
22) Acetophenone	8.60	105	2443	0.054	ng	# 19
24) Nitrobenzene	8.99	77	2073	0.067	ng	# 71
25) Isophorone	9.50	82	2383	0.044	ng	# 93
26) 2-Nitrophenol	9.69	139	145	7.955	ng	# 34
27) 2,4-Dimethylphenol	9.75	122	1177	0.052	ng	# 73
28) bis(2-Chloroethoxy)methane	9.99	93	1224	0.036	ng	# 35
29) 2,4-Dichlorophenol	10.22	162	2371	0.096	ng	87
30) 1,2,4-Trichlorobenzene	10.43	180	1786	0.059	ng	# 61
31) Naphthalene	10.62	128	6644	0.077	ng	# 88
33) 4-Chloroaniline	10.70	127	1077	0.027	ng	# 1
34) Hexachlorobutadiene	10.90	225	393	0.021	ng	# 78
35) Caprolactam	11.59	113	280	0.031	ng	# 1
36) 4-Chloro-3-methylphenol	11.85	107	775	0.028	ng	# 17
37) 2-Methylnaphthalene	12.24	142	926	0.015	ng	# 59
38) 1-Methylnaphthalene	12.46	142	401	0.007	ng	# 95
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	1746	0.053	ng	# 75
41) Hexachlorocyclopentadiene	12.57	237	132	0.008	ng	# 27

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM122718\
Data File : BM018413.D
Acq On : 28 Dec 2018 01:16
Operator : JU/SJ
Sample : J6576-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 381218011-4

Quant Time: Dec 28 04:08:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM122718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 27 14:18:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	12.85	196	558	0.030	ng	#	12
44) 2,4,5-Trichlorophenol	12.85	196	558	0.027	ng	#	15
46) 1,1'-Biphenyl	13.26	154	2527	0.028	ng		89
47) 2-Chloronaphthalene	13.30	162	3414	0.050	ng		97
48) 2-Nitroaniline	13.47	65	118	0.006	ng	#	3
49) Acenaphthylene	14.15	152	4446	0.042	ng	#	91
50) Dimethylphthalate	13.89	163	2113	0.024	ng	#	78
51) 2,6-Dinitrotoluene	14.06	165	3537	0.191	ng	#	30
52) Acenaphthene	14.49	154	2685	0.042	ng		82
58) Fluorene	15.47	166	2446	0.030	ng	#	92
60) Diethylphthalate	15.25	149	9470	0.103	ng	#	82
61) 4-Chlorophenyl-phenylether	15.47	204	942	0.021	ng	#	51
63) Azobenzene	15.76	77	3670	0.044	ng	#	52
66) n-Nitrosodiphenylamine	15.69	169	842	0.011	ng	#	63
67) 4-Bromophenyl-phenylether	16.37	248	446	0.016	ng	#	40
68) Hexachlorobenzene	16.46	284	322	0.011	ng	#	1
71) Phenanthrene	17.22	178	2968	0.023	ng	#	68
72) Anthracene	17.30	178	2227	0.017	ng	#	58
73) Carbazole	17.57	167	882	0.006	ng	#	10
74) Di-n-butylphthalate	18.14	149	45421	0.291	ng		99
75) Fluoranthene	19.24	202	8440	0.054	ng	#	1
77) Benzidine	19.43	184	2628	0.035	ng	#	1
78) Pyrene	19.60	202	2601	0.017	ng	#	87
80) Butylbenzylphthalate	20.50	149	3098	6.673	ng	#	1
81) Benzo(a)anthracene	21.36	228	9951	0.065	ng	#	73
82) 3,3'-Dichlorobenzidine	21.27	252	955	0.016	ng	#	60
83) Chrysene	21.40	228	2323	0.016	ng	#	58
84) Bis(2-ethylhexyl)phthalate	21.28	149	1665379	16.423	ng		100
85) Di-n-octyl phthalate	22.17	149	3757	0.022	ng	#	1
86) Indeno(1,2,3-cd)pyrene	26.00	276	325	0.002	ng	#	17
88) Benzo(b)fluoranthene	22.96	252	2720	0.021	ng	#	1
89) Benzo(k)fluoranthene	23.00	252	2069	0.016	ng	#	1
90) Benzo(a)pyrene	23.54	252	1560	0.013	ng	#	1
91) Dibenzo(a,h)anthracene	26.03	278	109	0.001	ng	#	1
92) Benzo(g,h,i)perylene	26.71	276	814	0.007	ng	#	1

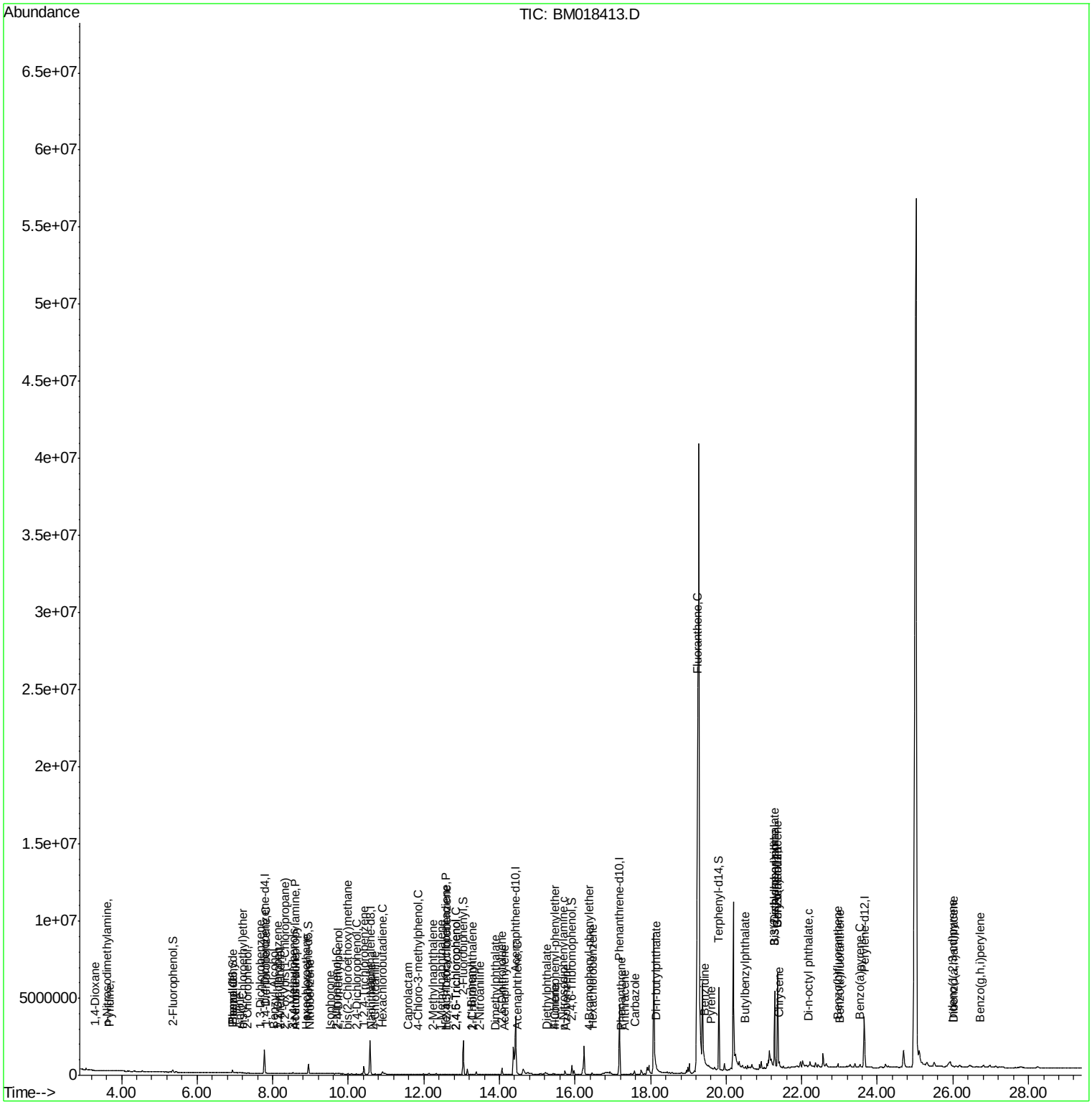
(#) = qualifier out of range (m) = manual integration (+) = signals summed

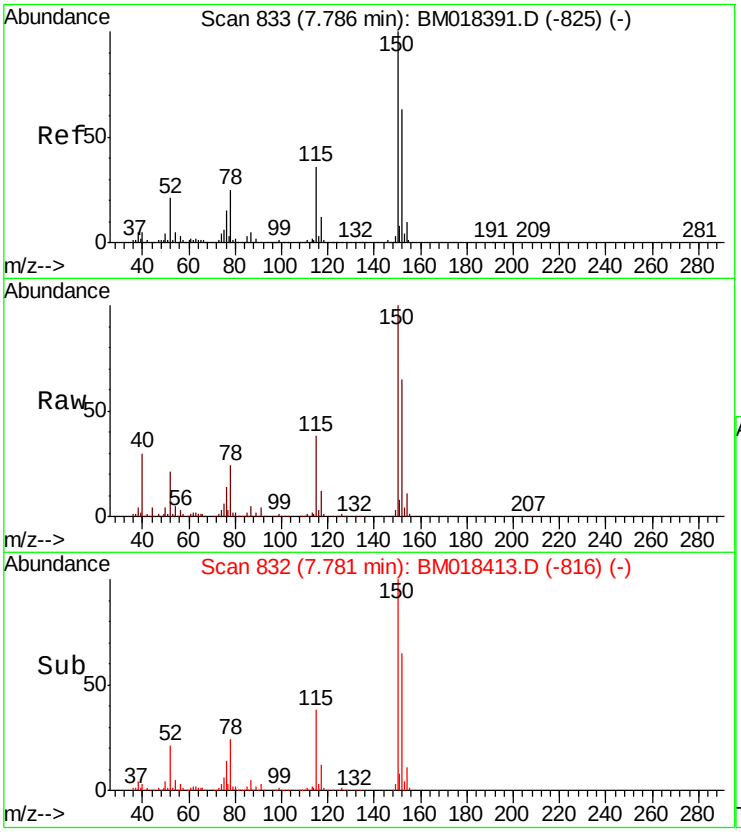
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM122718\
Data File : BM018413.D
Acq On : 28 Dec 2018 01:16
Operator : JU/SJ
Sample : J6576-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
381218011-4

Quant Time: Dec 28 04:08:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM122718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 27 14:18:47 2018
Response via : Initial Calibration



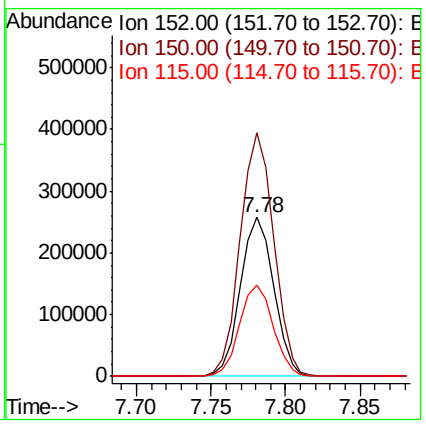


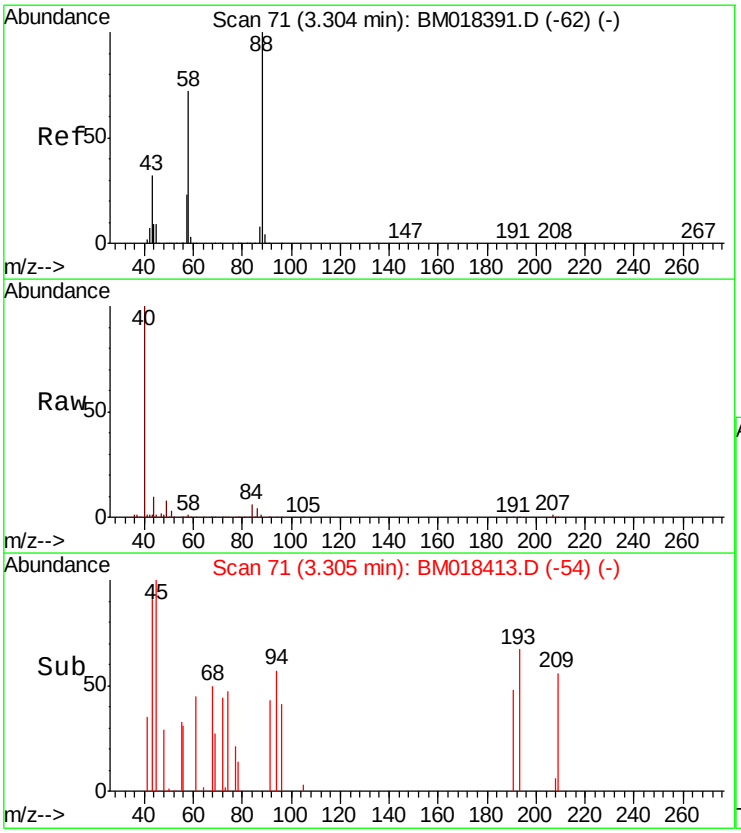
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.78 min Scan# 832
Delta R.T. -0.01 min
Lab File: BM018413.D
Acq: 28 Dec 2018 01:16

Instrument :
BNA_M
ClientSampleId :
381218011-4

Tgt Ion:152 Resp: 399555

Ion	Ratio	Lower	Upper
152	100		
150	153.4	126.9	190.3
115	57.7	45.5	68.3

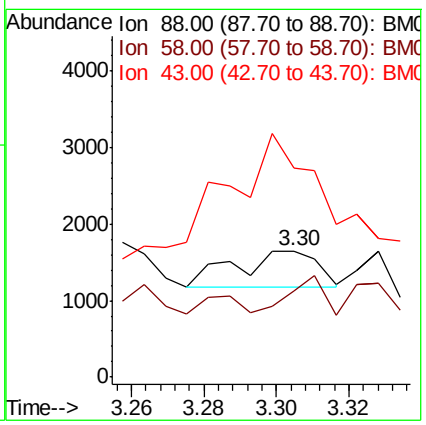


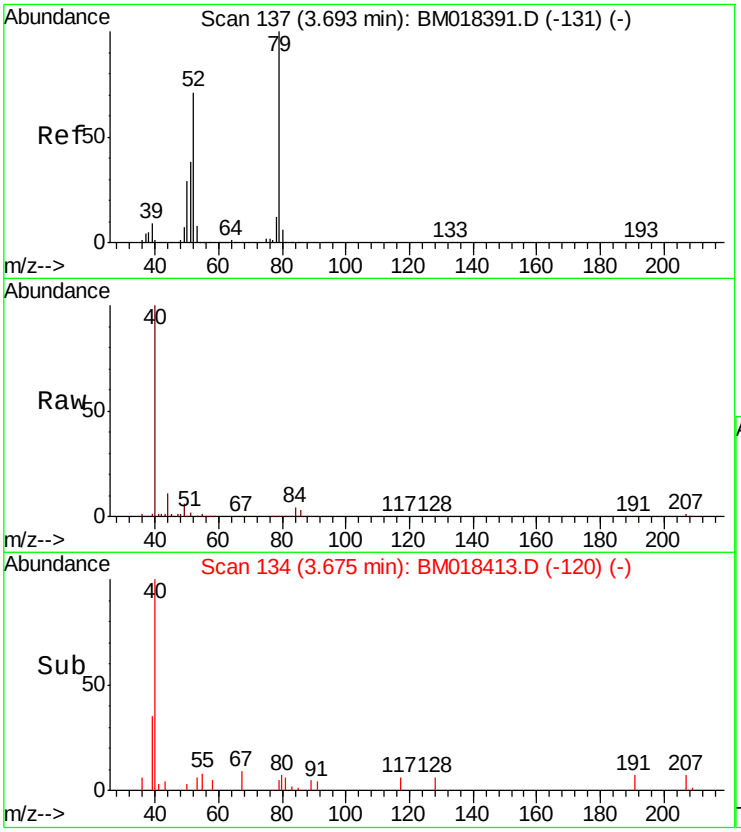


#2
1,4-Dioxane
Concen: 0.088 ng
RT: 3.30 min Scan# 71
Delta R.T. 0.00 min
Lab File: BM018413.D
Acq: 28 Dec 2018 01:16

Tgt Ion: 88 Resp: 758

Ion	Ratio	Lower	Upper
88	100		
58	79.2	58.4	87.6
43	427.6	26.2	39.4#



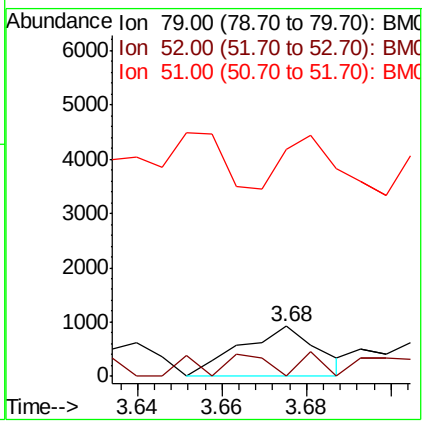


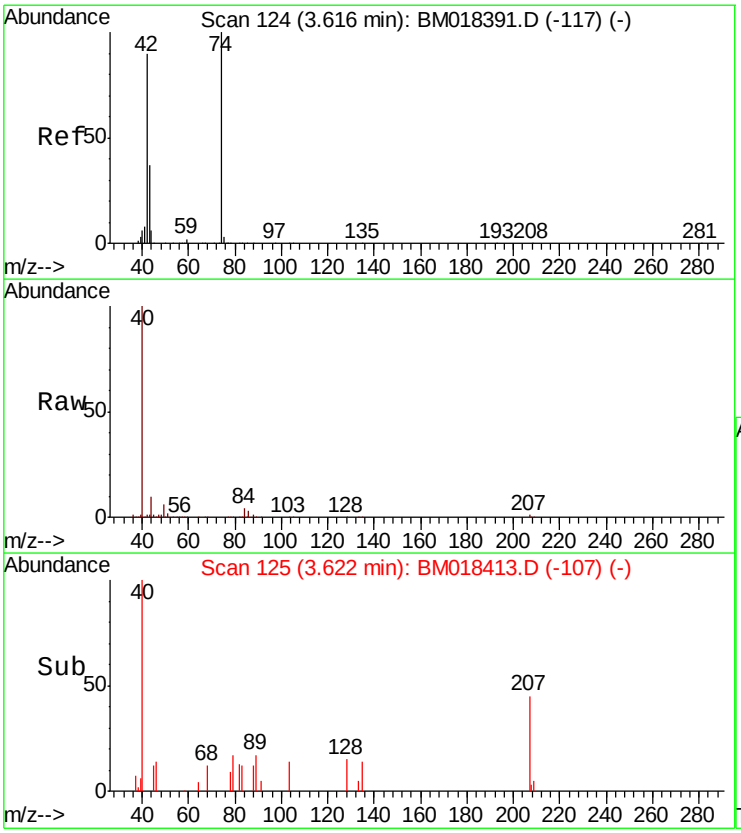
#3
Pyridine
Concen: 0.049 ng
RT: 3.68 min Scan# 134
Delta R.T. -0.02 min
Lab File: BM018413.D
Acq: 28 Dec 2018 01:16

Instrument :
BNA_M
ClientSampleId :
381218011-4

Tgt Ion: 79 Resp: 1164

Ion	Ratio	Lower	Upper
79	100		
52	0.0	56.4	84.6#
51	453.9	31.0	46.4#

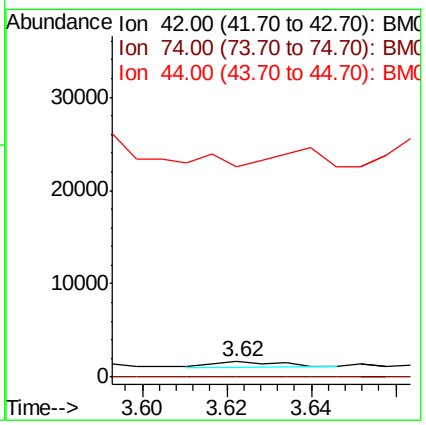


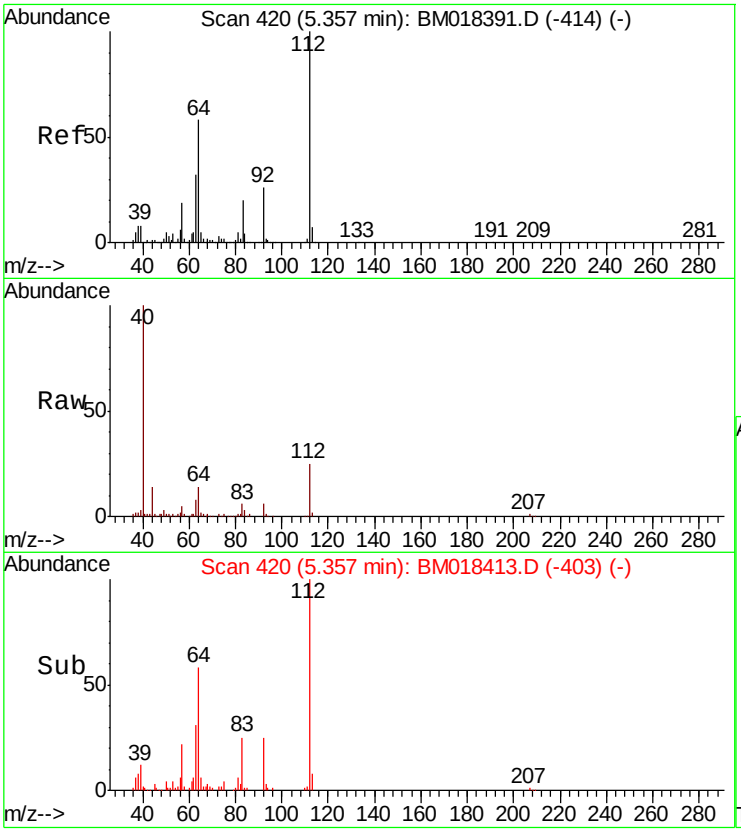


#4
n-Nitrosodimethylamine
Concen: 0.062 ng
RT: 3.62 min Scan# 125
Delta R.T. 0.01 min
Lab File: BM018413.D
Acq: 28 Dec 2018 01:16

Tgt Ion: 42 Resp: 598

Ion	Ratio	Lower	Upper
42	100		
74	0.0	88.6	132.8#
44	1378.6	16.9	25.3#



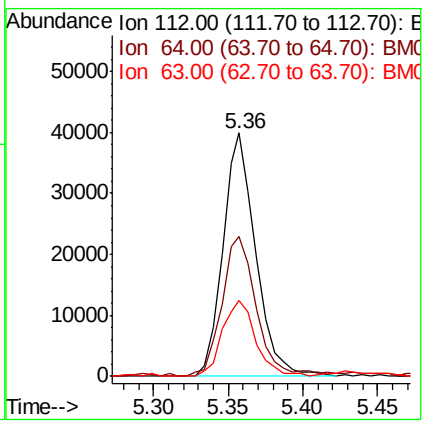


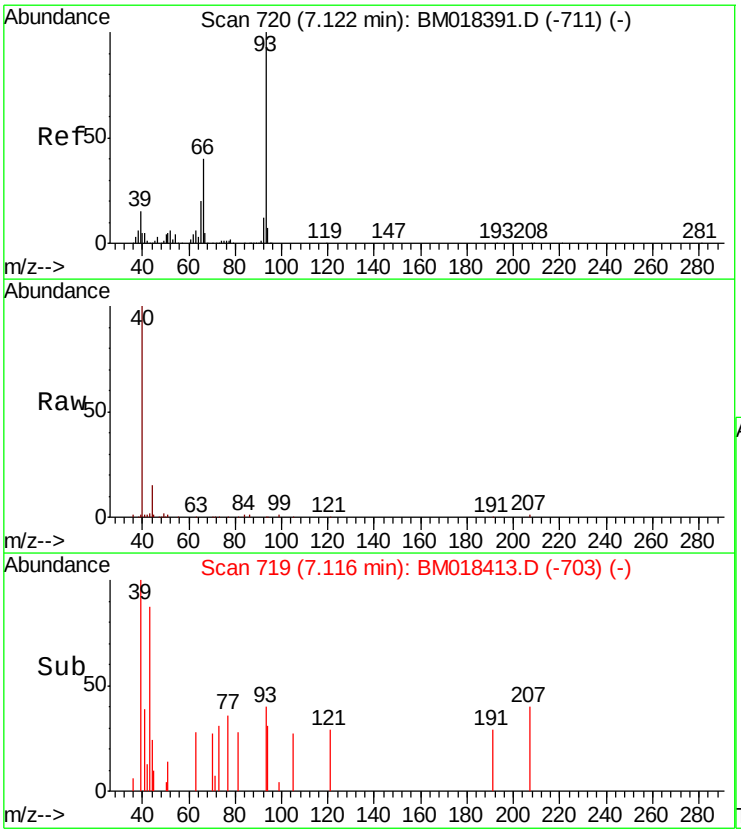
#5
2-Fluorophenol
Concen: 2.881 ng
RT: 5.36 min Scan# 420
Delta R.T. 0.00 min
Lab File: BM018413.D
Acq: 28 Dec 2018 01:16

Instrument :
BNA_M
ClientSampleId :
381218011-4

Tgt Ion:112 Resp: 61054

Ion	Ratio	Lower	Upper
112	100		
64	57.7	46.5	69.7
63	31.4	25.2	37.8

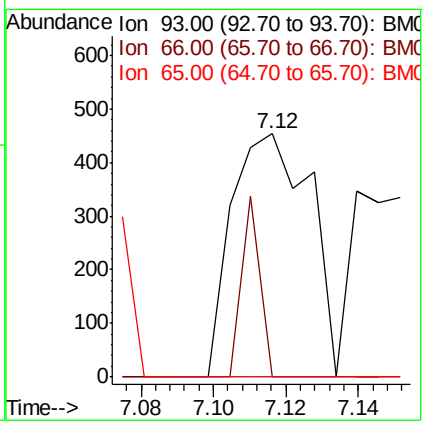


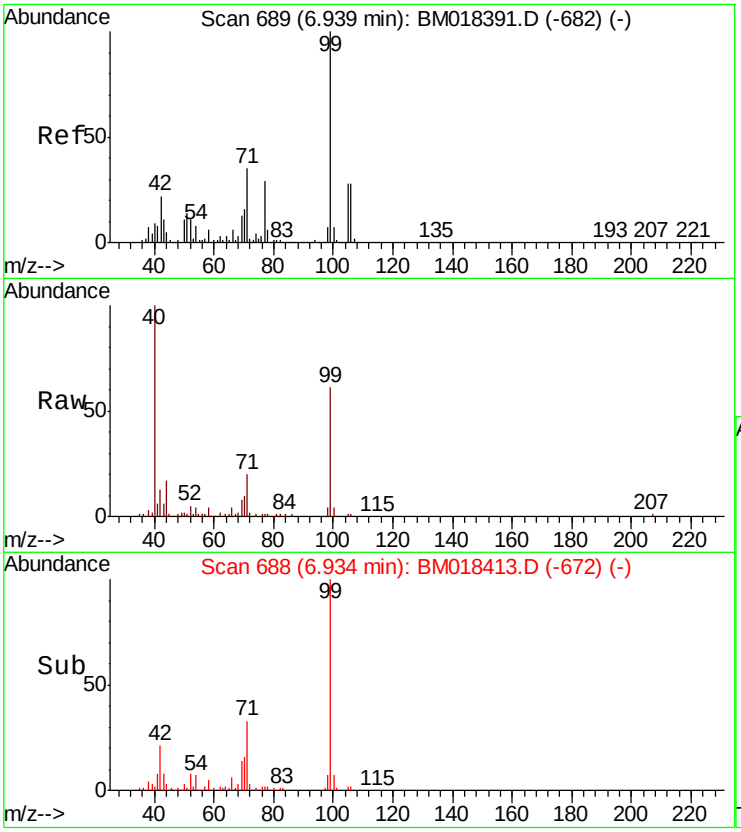


#6
Aniline
Concen: 0.019 ng
RT: 7.12 min Scan# 719
Delta R.T. -0.01 min
Lab File: BM018413.D
Acq: 28 Dec 2018 01:16

Tgt Ion: 93 Resp: 683

Ion	Ratio	Lower	Upper
93	100		
66	0.0	31.7	47.5#
65	0.0	15.9	23.9#



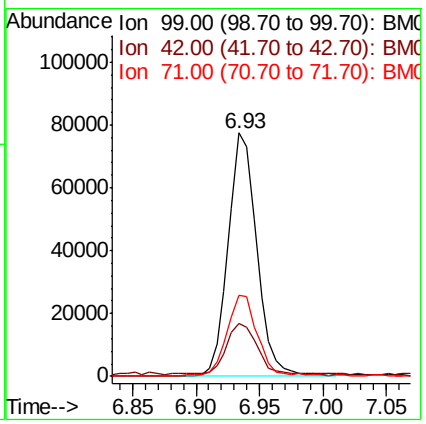


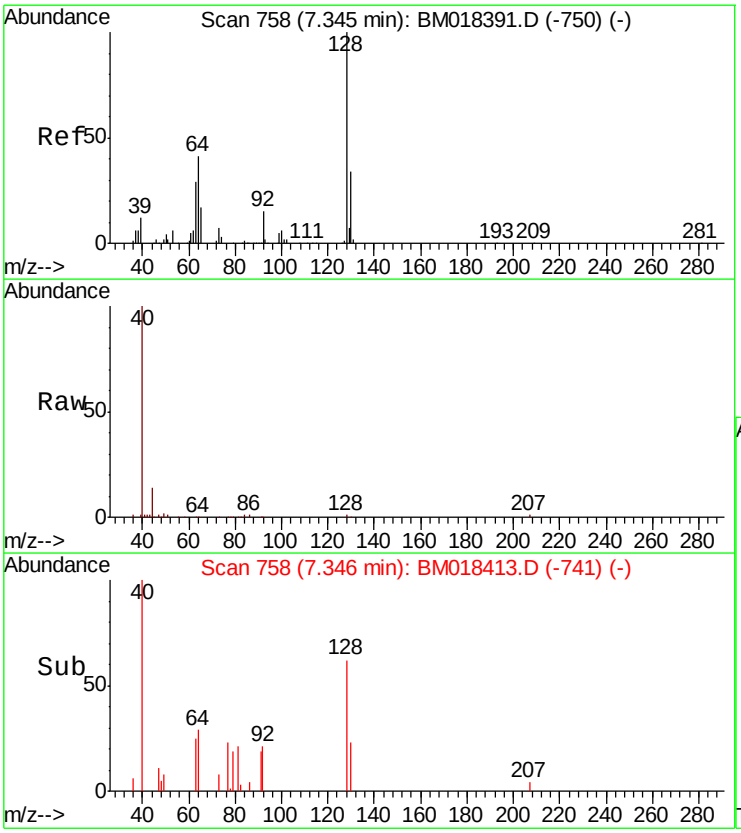
#7
Phenol-d6
Concen: 4.139 ng
RT: 6.93 min Scan# 688
Delta R.T. -0.01 min
Lab File: BM018413.D
Acq: 28 Dec 2018 01:16

Instrument :
BNA_M
ClientSampleId :
381218011-4

Tgt Ion: 99 Resp: 121789

Ion	Ratio	Lower	Upper
99	100		
42	21.8	17.3	25.9
71	33.4	28.0	42.0

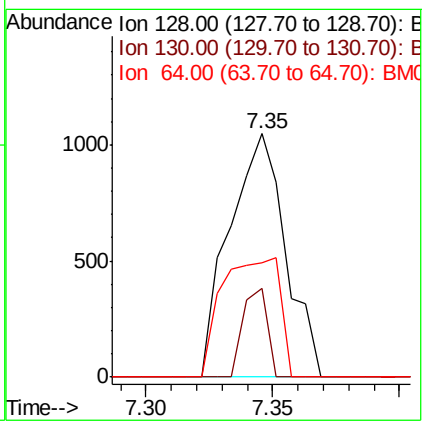


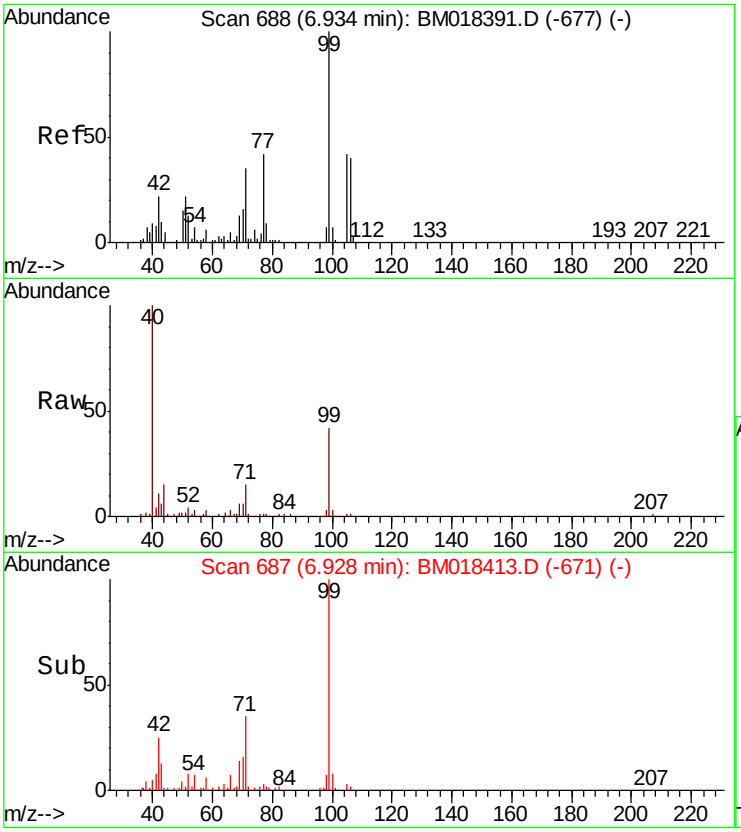


#8
2-Chlorophenol
Concen: 0.063 ng
RT: 7.35 min Scan# 758
Delta R.T. 0.00 min
Lab File: BM018413.D
Acq: 28 Dec 2018 01:16

Tgt Ion:128 Resp: 1614

Ion	Ratio	Lower	Upper
128	100		
130	36.5	13.6	53.6
64	46.9	24.8	64.8



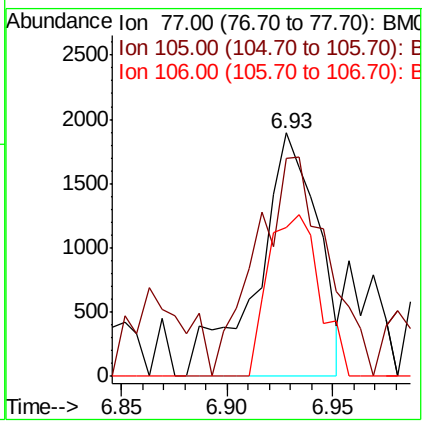


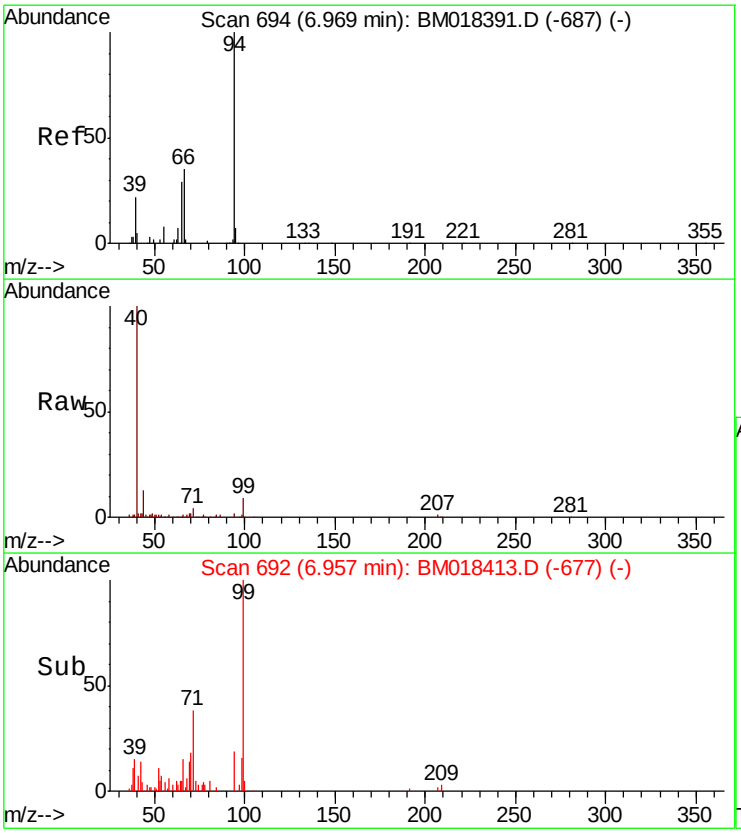
#9
Benzaldehyde
Concen: 0.181 ng
RT: 6.93 min Scan# 687
Delta R.T. -0.01 min
Lab File: BM018413.D
Acq: 28 Dec 2018 01:16

Instrument :
BNA_M
ClientSampleId :
381218011-4

Tgt Ion: 77 Resp: 3738

Ion	Ratio	Lower	Upper
77	100		
105	89.5	79.7	119.7
106	61.2	75.2	115.2#

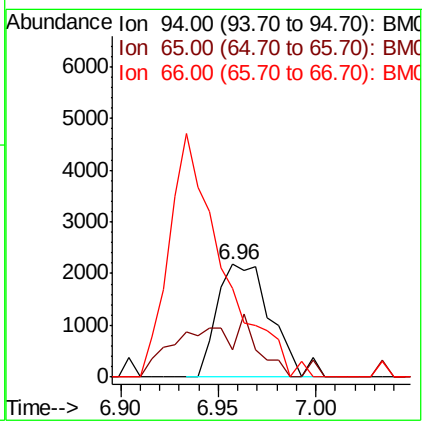


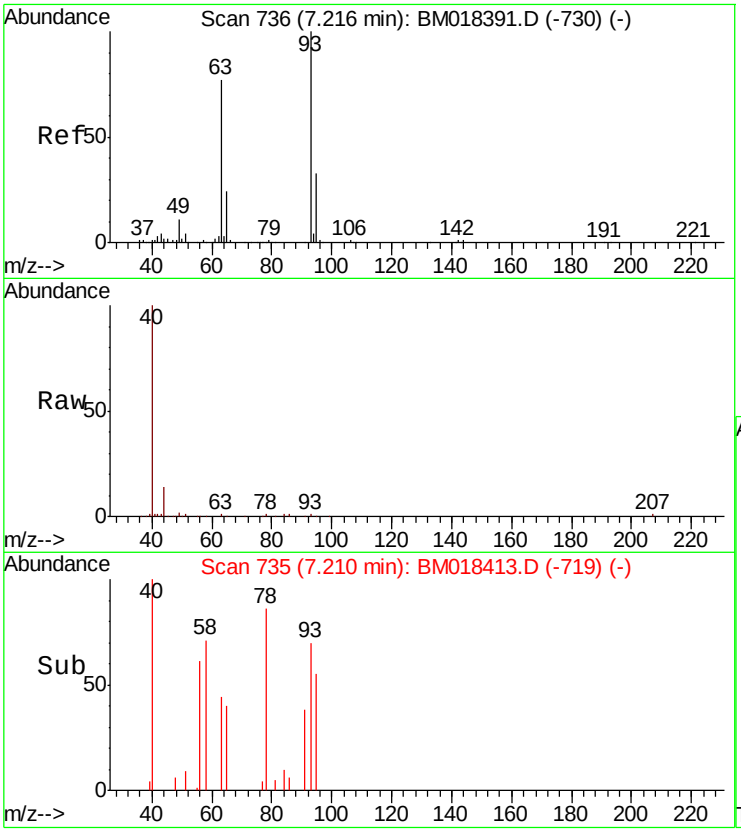


#10
Phenol
Concen: 0.138 ng
RT: 6.96 min Scan# 692
Delta R.T. -0.01 min
Lab File: BM018413.D
Acq: 28 Dec 2018 01:16

Tgt Ion: 94 Resp: 4175

Ion	Ratio	Lower	Upper
94	100		
65	24.5	9.4	49.4
66	78.8	19.1	59.1#



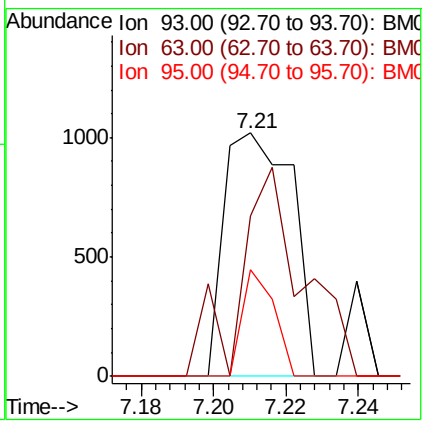


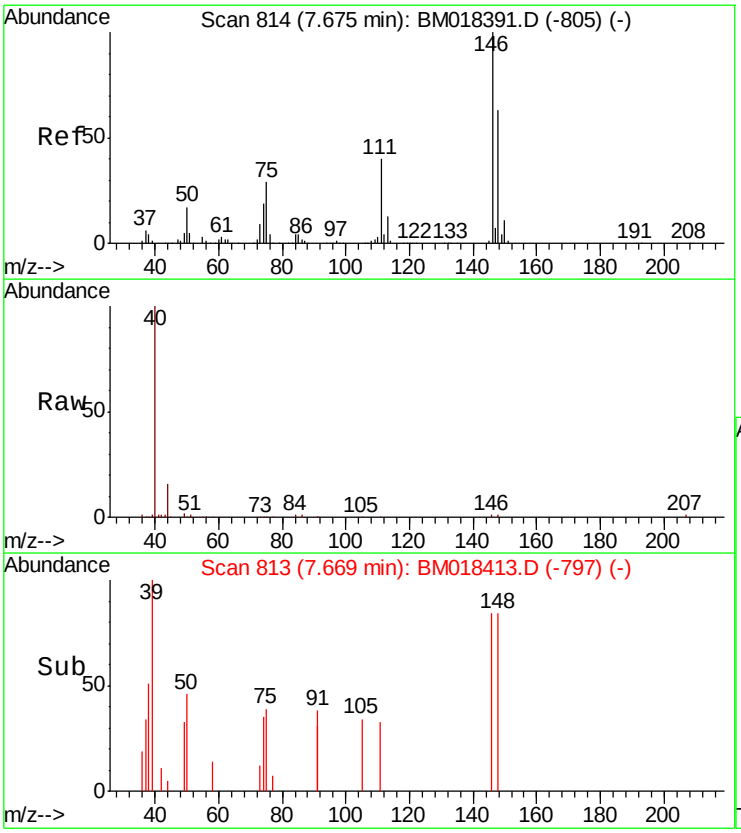
#11
bis(2-Chloroethyl)ether
Concen: 0.056 ng
RT: 7.21 min Scan# 735
Delta R.T. -0.01 min
Lab File: BM018413.D
Acq: 28 Dec 2018 01:16

Instrument :
BNA_M
ClientSampleId :
381218011-4

Tgt Ion: 93 Resp: 1329

Ion	Ratio	Lower	Upper
93	100		
63	65.8	56.4	96.4
95	43.7	12.7	52.7

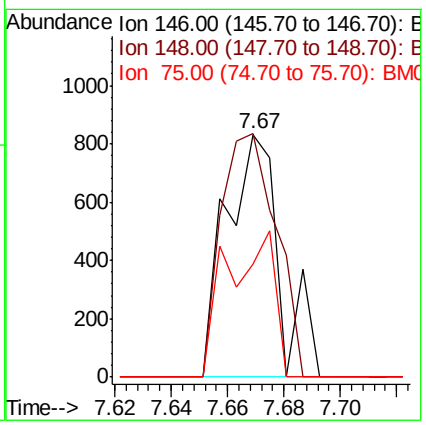


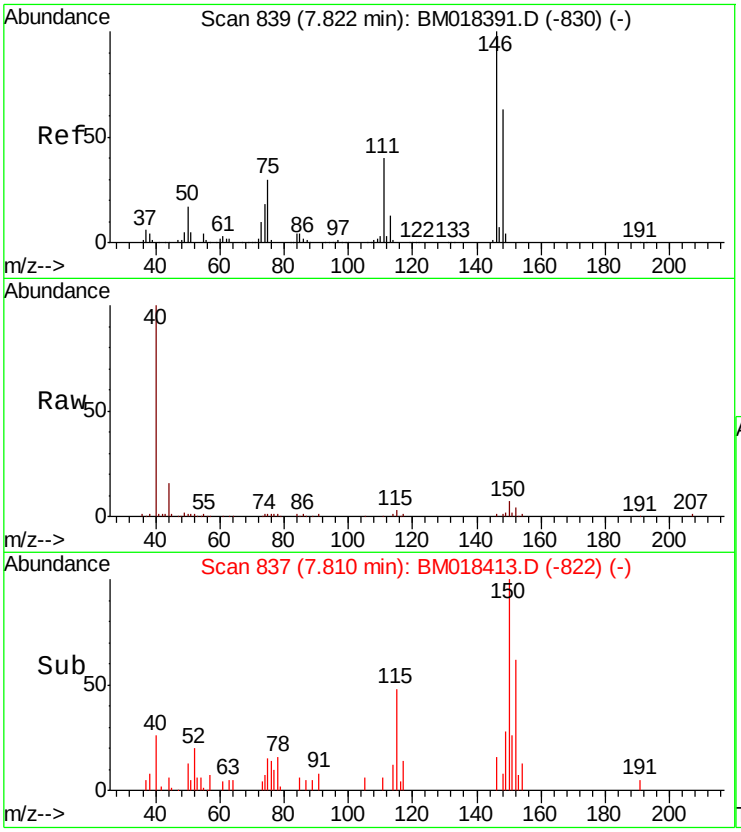


#12
1,3-Dichlorobenzene
Concen: 0.036 ng
RT: 7.67 min Scan# 813
Delta R.T. -0.01 min
Lab File: BM018413.D
Acq: 28 Dec 2018 01:16

Tgt Ion:146 Resp: 1088

Ion	Ratio	Lower	Upper
146	100		
148	100.5	50.5	75.7#
75	46.6	23.0	34.6#



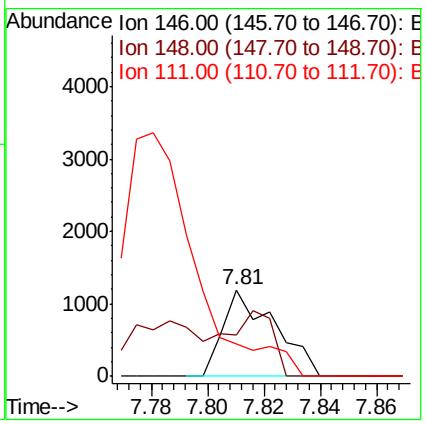


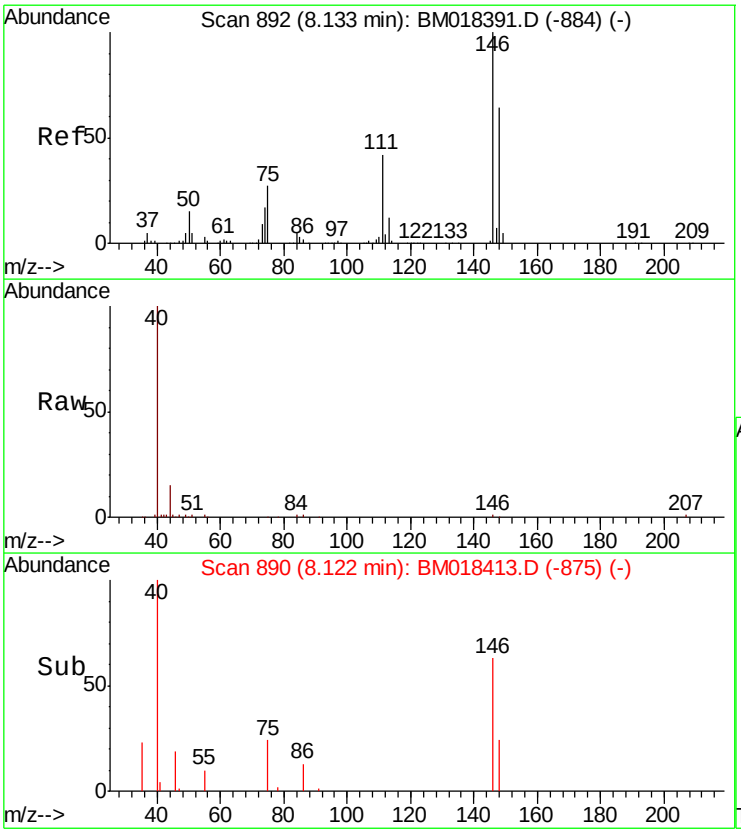
#13
1,4-Dichlorobenzene
Concen: 0.050 ng
RT: 7.81 min Scan# 837
Delta R.T. -0.01 min
Lab File: BM018413.D
Acq: 28 Dec 2018 01:16

Instrument :
BNA_M
ClientSampleId :
381218011-4

Tgt Ion:146 Resp: 1514

Ion	Ratio	Lower	Upper
146	100		
148	48.1	50.8	76.2#
111	37.0	32.2	48.2

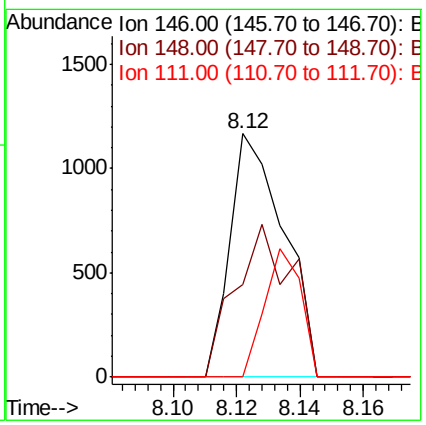


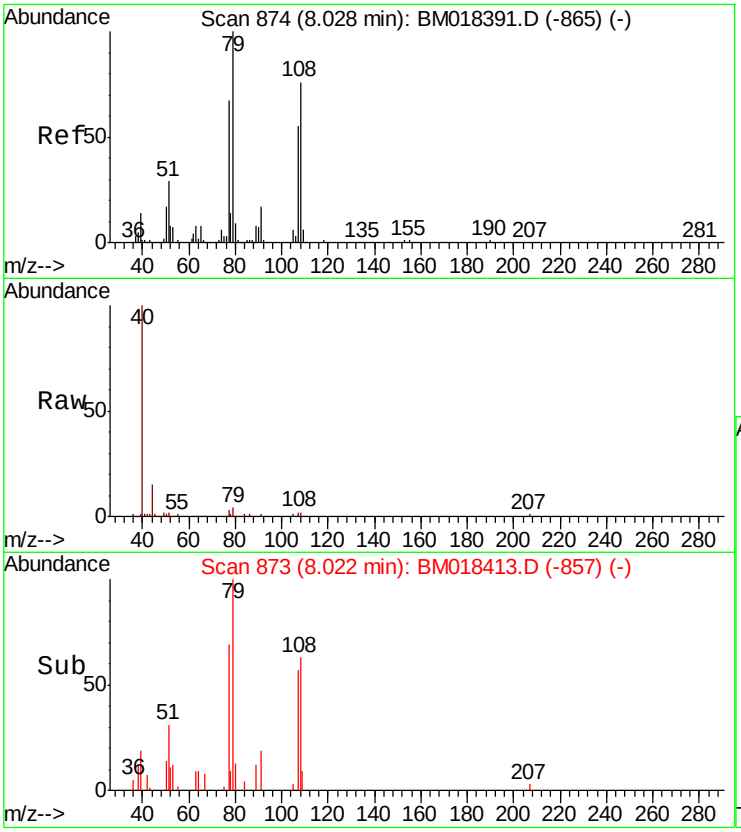


#14
1,2-Dichlorobenzene
Concen: 0.046 ng
RT: 8.12 min Scan# 890
Delta R.T. -0.01 min
Lab File: BM018413.D
Acq: 28 Dec 2018 01:16

Tgt Ion:146 Resp: 1371

Ion	Ratio	Lower	Upper
146	100		
148	37.9	51.0	76.6#
111	0.0	33.8	50.6#



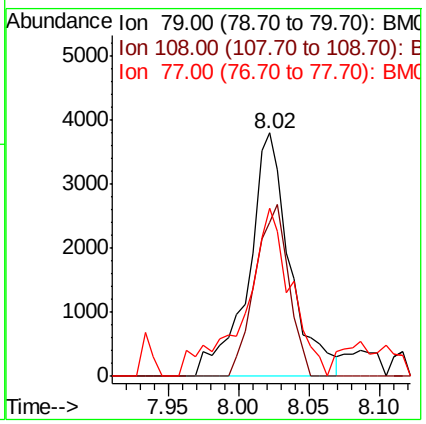


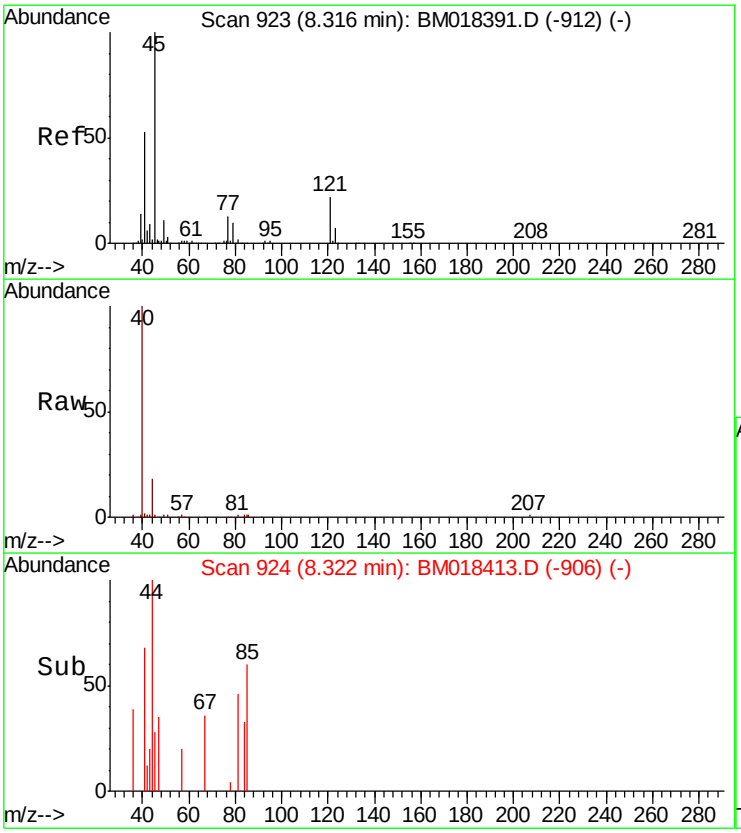
#15
Benzyl Alcohol
Concen: 0.344 ng
RT: 8.02 min Scan# 873
Delta R.T. -0.01 min
Lab File: BM018413.D
Acq: 28 Dec 2018 01:16

Instrument :
BNA_M
ClientSampleId :
381218011-4

Tgt Ion: 79 Resp: 7847

Ion	Ratio	Lower	Upper
79	100		
108	63.4	60.4	90.6
77	68.9	53.4	80.2

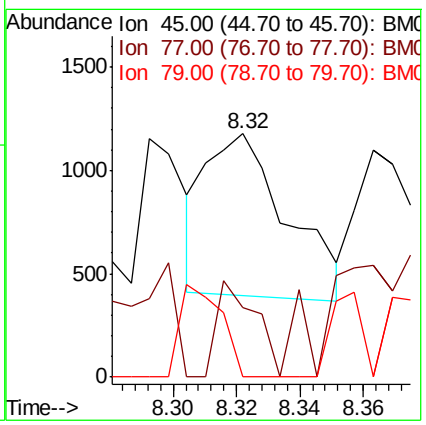


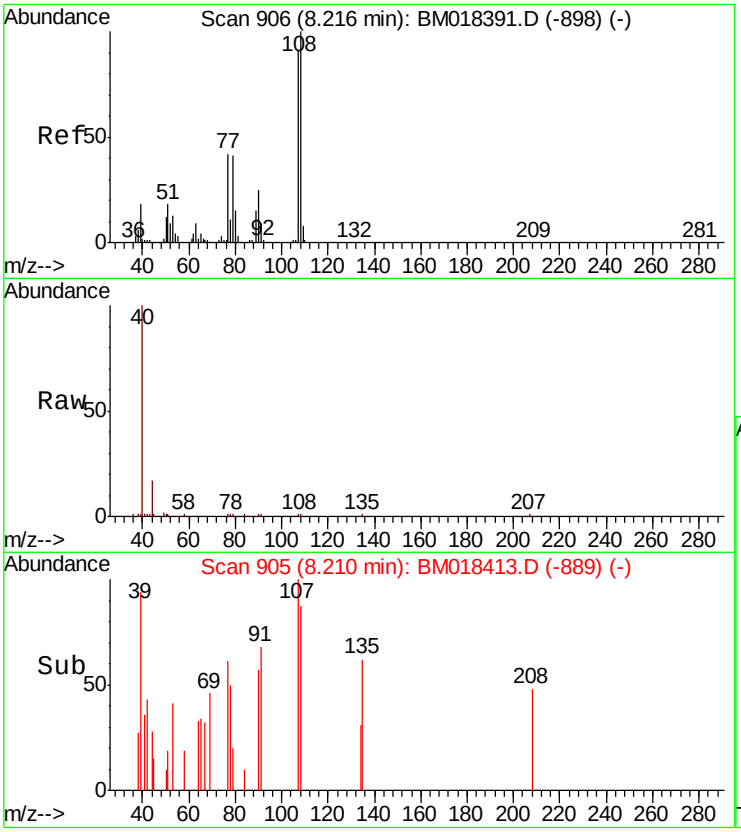


#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.037 ng
RT: 8.32 min Scan# 924
Delta R.T. 0.01 min
Lab File: BM018413.D
Acq: 28 Dec 2018 01:16

Tgt Ion: 45 Resp: 1400

Ion	Ratio	Lower	Upper
45	100		
77	28.5	0.0	33.4
79	0.0	0.0	31.1



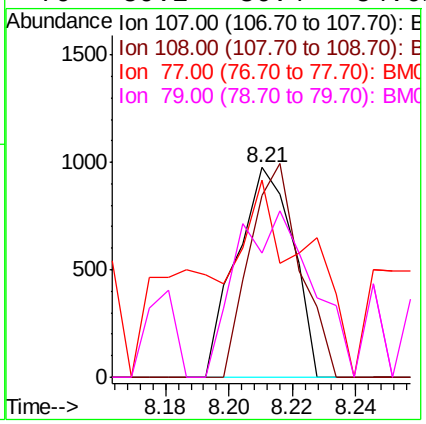


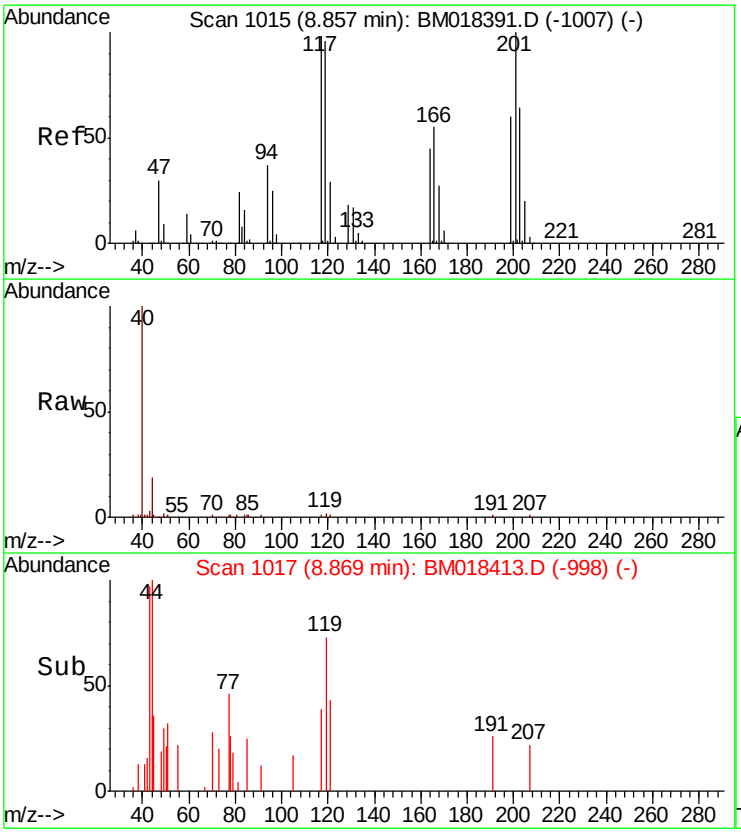
#17
2-Methylphenol
Concen: 0.056 ng
RT: 8.21 min Scan# 905
Delta R.T. -0.01 min
Lab File: BM018413.D
Acq: 28 Dec 2018 01:16

Instrument :
BNA_M
ClientSampleId :
381218011-4

Tgt Ion:107 Resp: 1199

Ion	Ratio	Lower	Upper
107	100		
108	86.7	87.5	131.3#
77	93.9	37.3	55.9#
79	59.2	36.4	54.6#

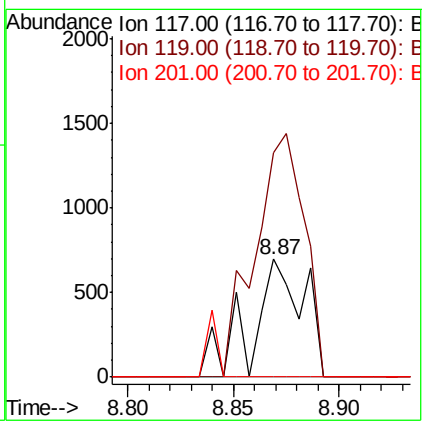


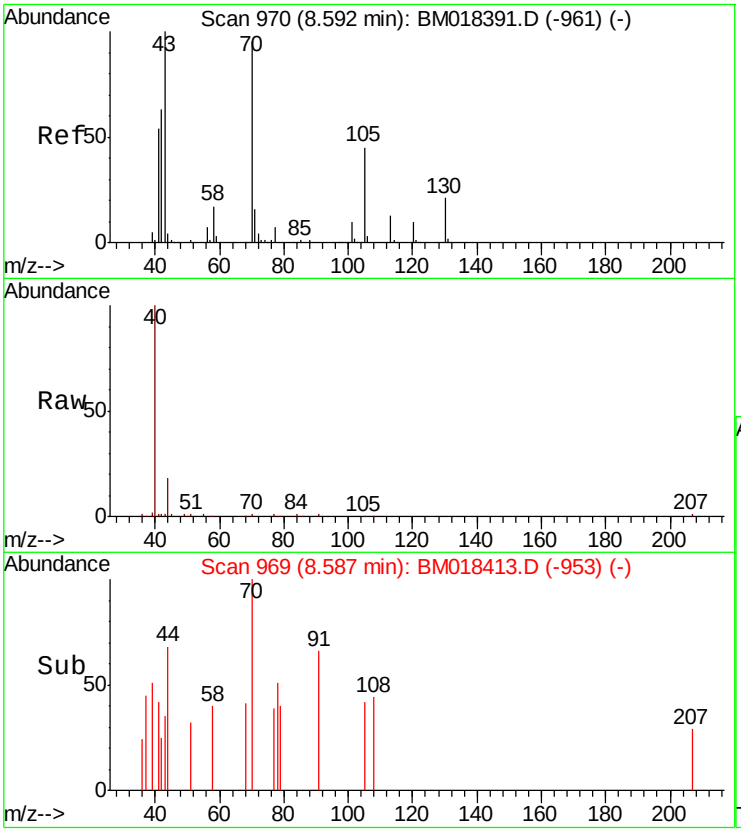


#18
Hexachloroethane
Concen: 0.111 ng
RT: 8.87 min Scan# 1017
Delta R.T. 0.01 min
Lab File: BM018413.D
Acq: 28 Dec 2018 01:16

Tgt Ion:117 Resp: 1211

Ion	Ratio	Lower	Upper
117	100		
119	190.8	78.3	117.5#
201	0.0	81.4	122.0#



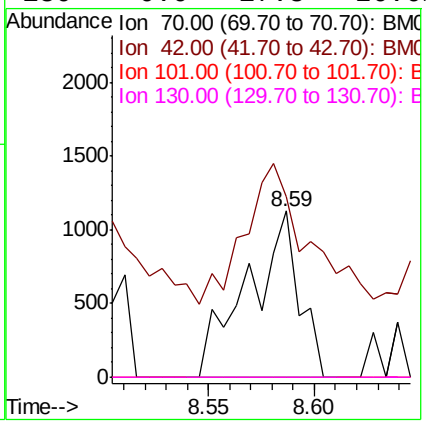


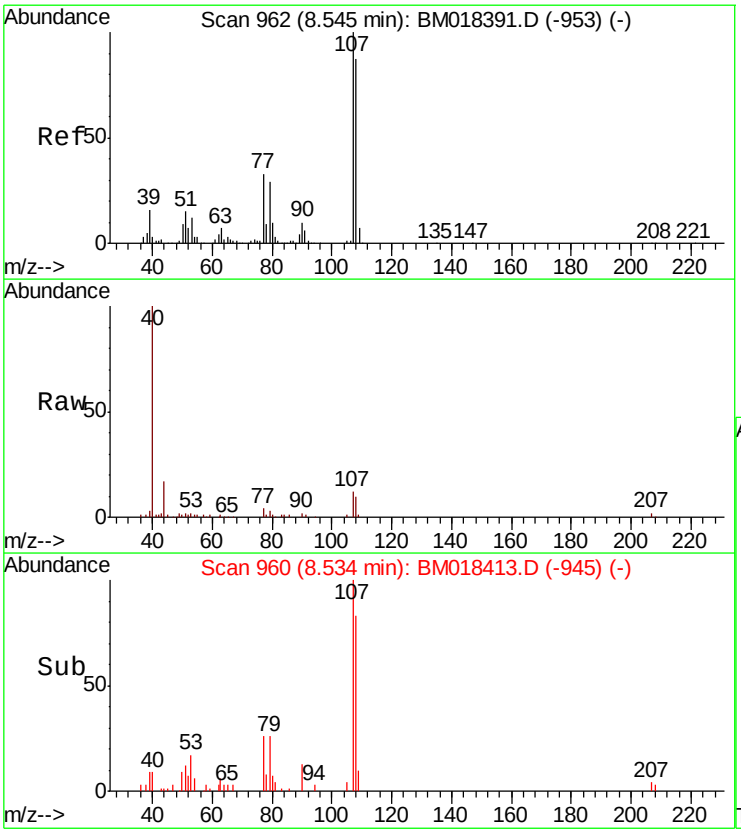
#19
n-Nitroso-di-n-propylamine
Concen: 0.085 ng
RT: 8.59 min Scan# 969
Delta R.T. -0.01 min
Lab File: BM018413.D
Acq: 28 Dec 2018 01:16

Instrument :
BNA_M
ClientSampleId :
381218011-4

Tgt Ion: 70 Resp: 1897

Ion	Ratio	Lower	Upper
70	100		
42	108.2	54.0	81.0#
101	0.0	8.1	12.1#
130	0.0	17.8	26.6#

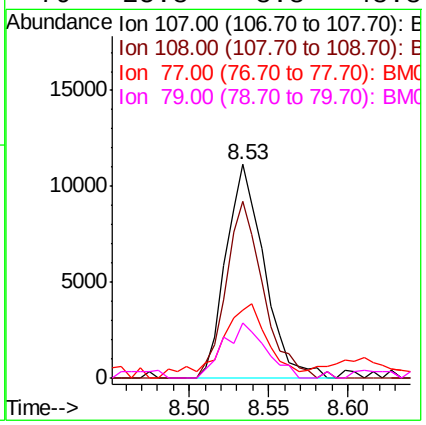


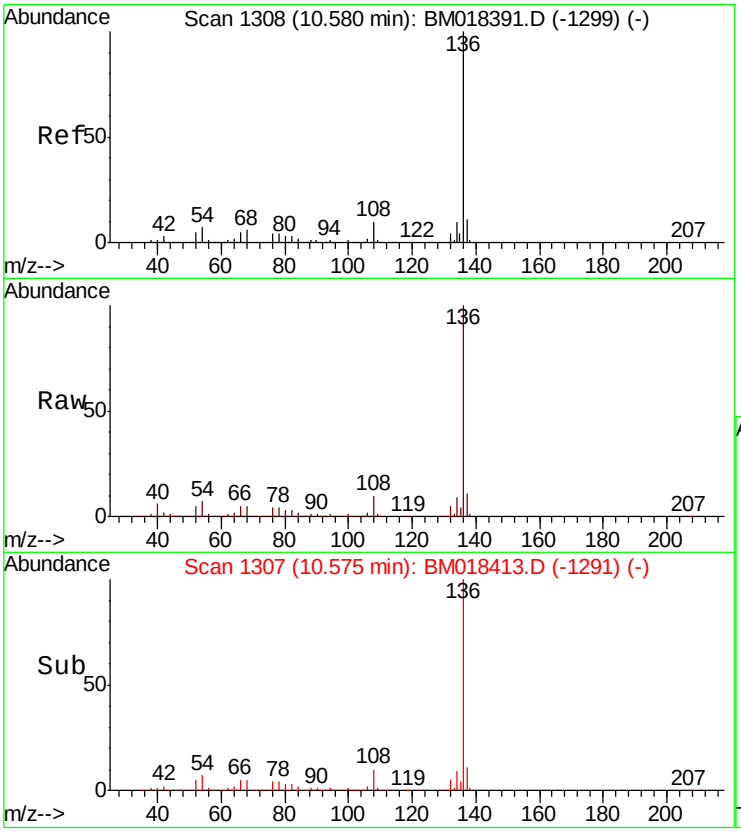


#20
3+4-Methylphenols
Concen: 0.648 ng
RT: 8.53 min Scan# 960
Delta R.T. -0.01 min
Lab File: BM018413.D
Acq: 28 Dec 2018 01:16

Tgt Ion:107 Resp: 18638

Ion	Ratio	Lower	Upper
107	100		
108	82.7	66.8	106.8
77	31.7	13.3	53.3
79	25.8	8.8	48.8



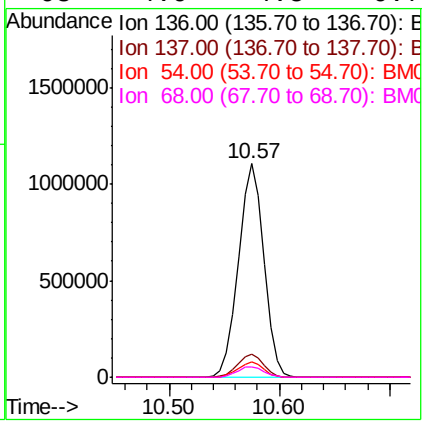


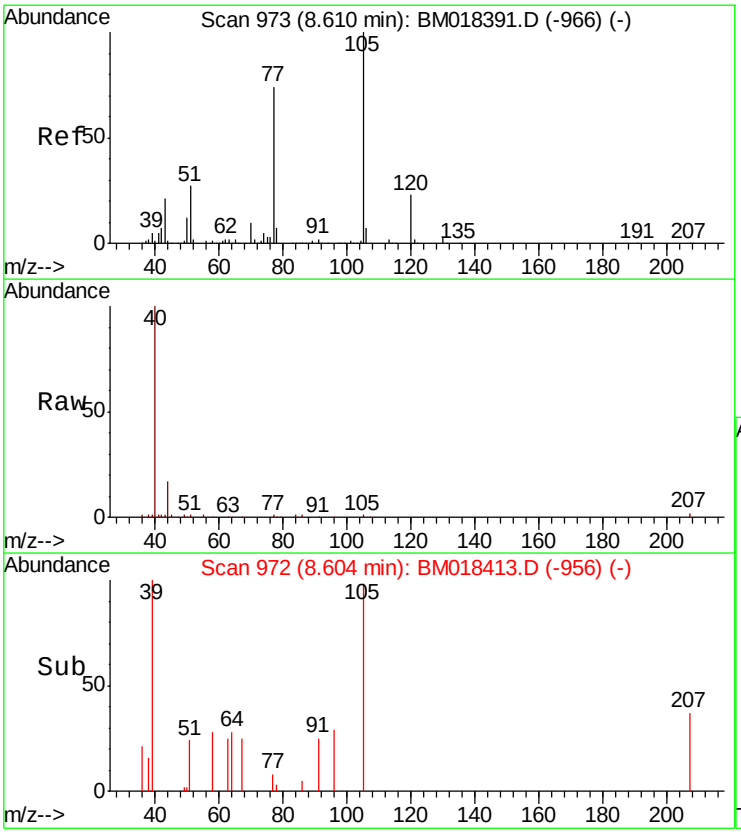
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.57 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BM018413.D
Acq: 28 Dec 2018 01:16

Instrument :
BNA_M
ClientSampleId :
381218011-4

Tgt Ion:136 Resp: 1790997

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	7.0	6.0	9.0
68	4.9	4.5	6.7

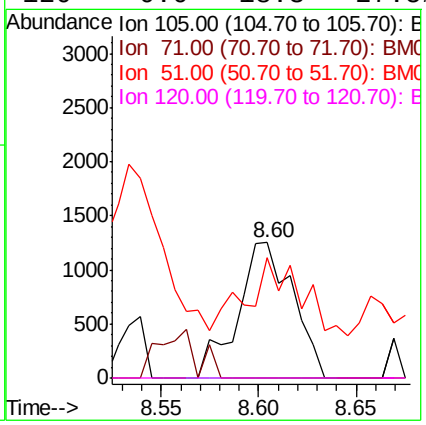


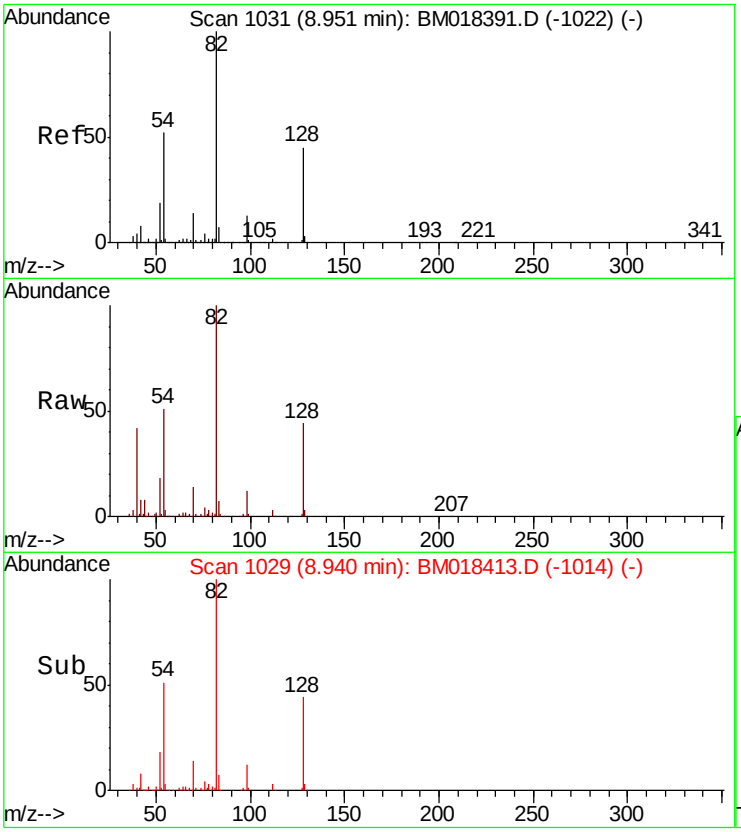


#22
Acetophenone
Concen: 0.054 ng
RT: 8.60 min Scan# 972
Delta R.T. -0.01 min
Lab File: BM018413.D
Acq: 28 Dec 2018 01:16

Tgt Ion:105 Resp: 2443

Ion	Ratio	Lower	Upper
105	100		
71	0.0	1.7	2.5#
51	88.9	22.6	34.0#
120	0.0	18.3	27.5#



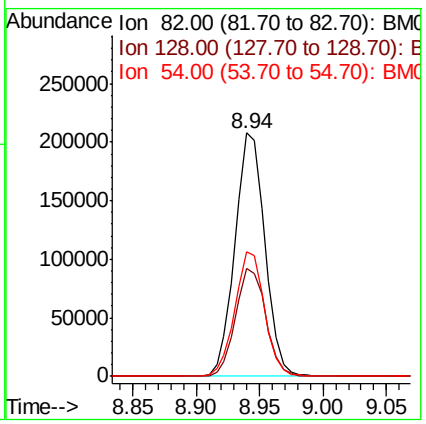


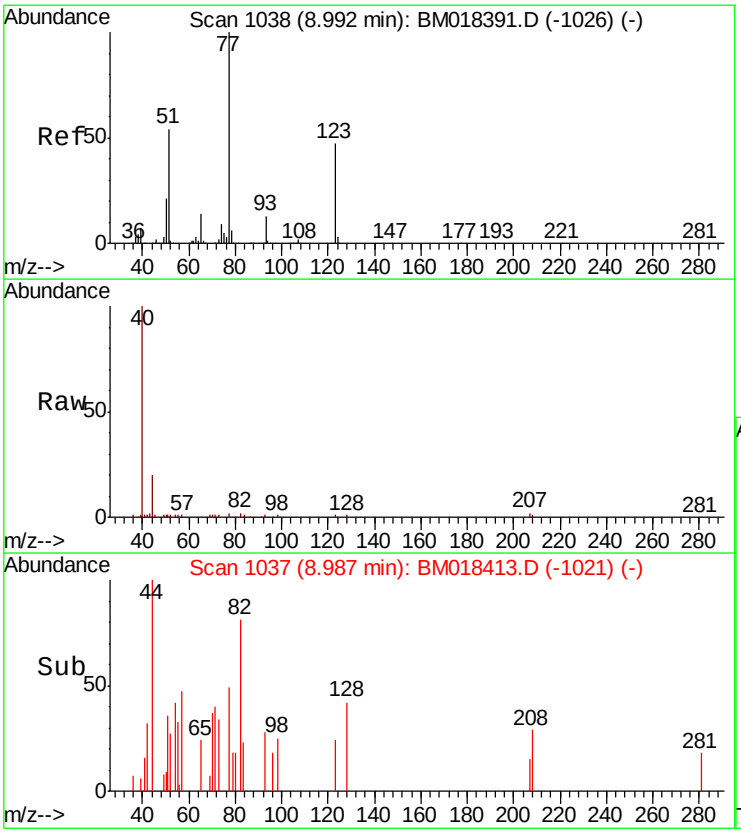
#23
Nitrobenzene-d5
Concen: 10.911 ng
RT: 8.94 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BM018413.D
Acq: 28 Dec 2018 01:16

Instrument :
BNA_M
ClientSampleId :
381218011-4

Tgt Ion: 82 Resp: 340486

Ion	Ratio	Lower	Upper
82	100		
128	44.4	36.3	54.5
54	51.1	41.7	62.5

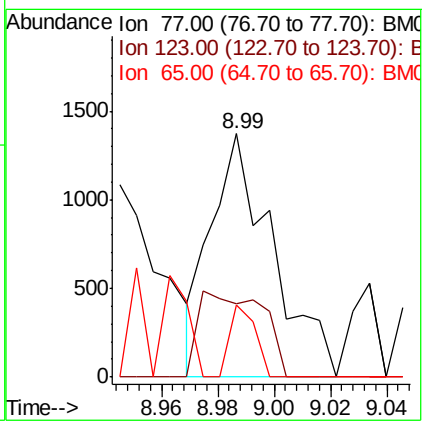


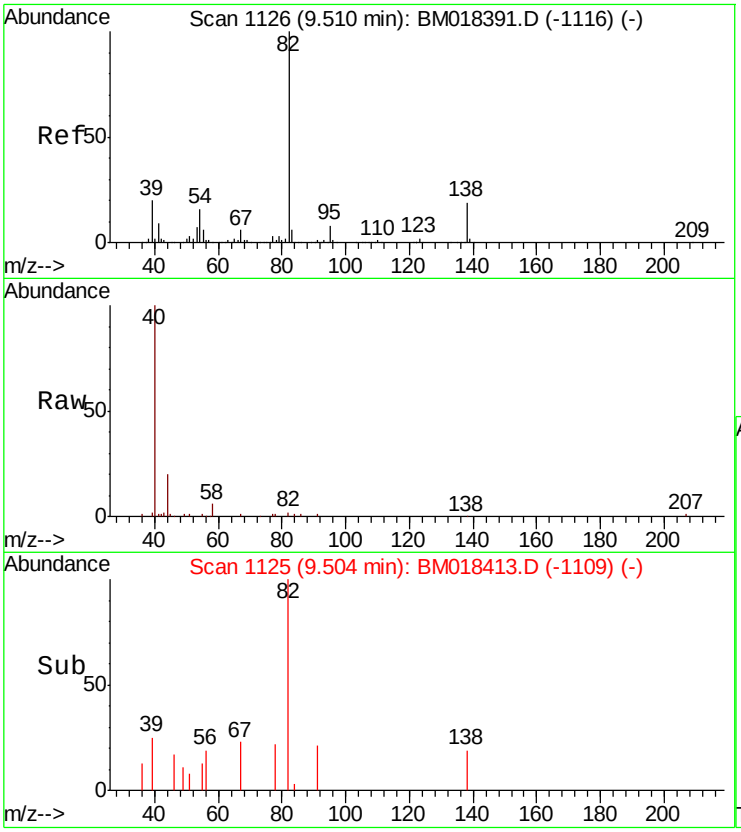


#24
Nitrobenzene
Concen: 0.067 ng
RT: 8.99 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BM018413.D
Acq: 28 Dec 2018 01:16

Tgt Ion: 77 Resp: 2073

Ion	Ratio	Lower	Upper
77	100		
123	30.0	37.7	56.5#
65	29.7	11.0	16.6#



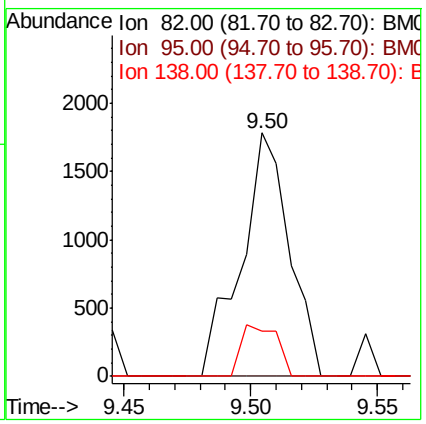


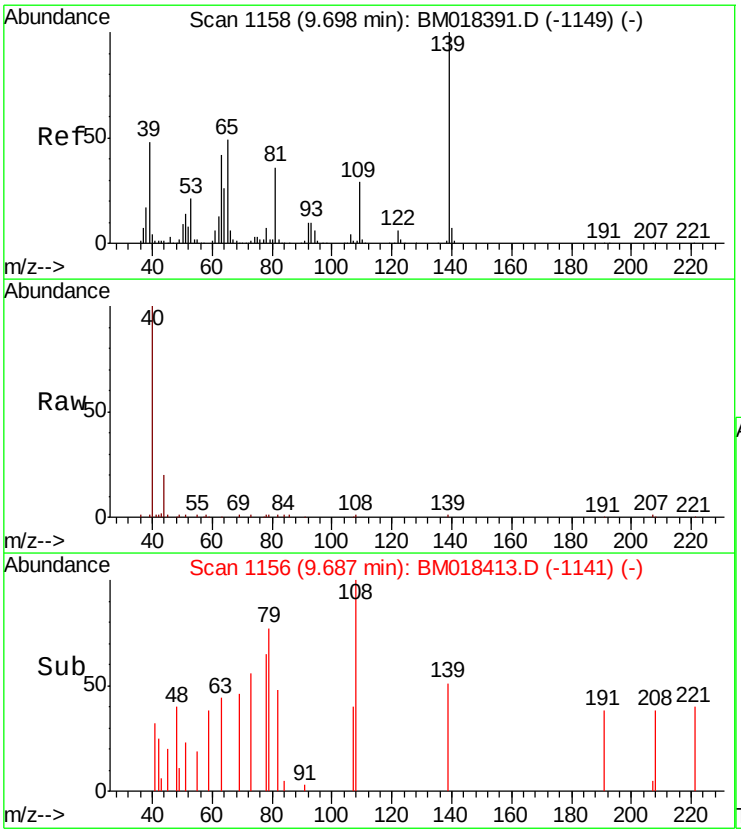
#25
Isophorone
Concen: 0.044 ng
RT: 9.50 min Scan# 1125
Delta R.T. -0.01 min
Lab File: BM018413.D
Acq: 28 Dec 2018 01:16

Instrument :
BNA_M
ClientSampleId :
381218011-4

Tgt Ion: 82 Resp: 2383

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.1	9.1#
138	18.7	15.1	22.7

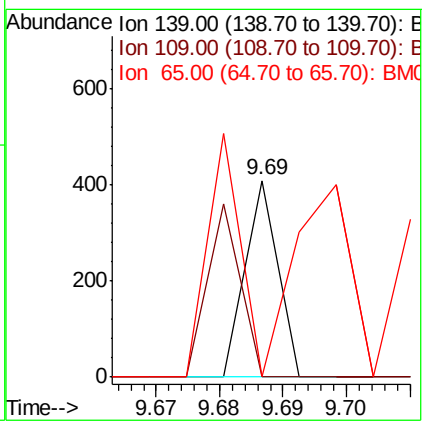


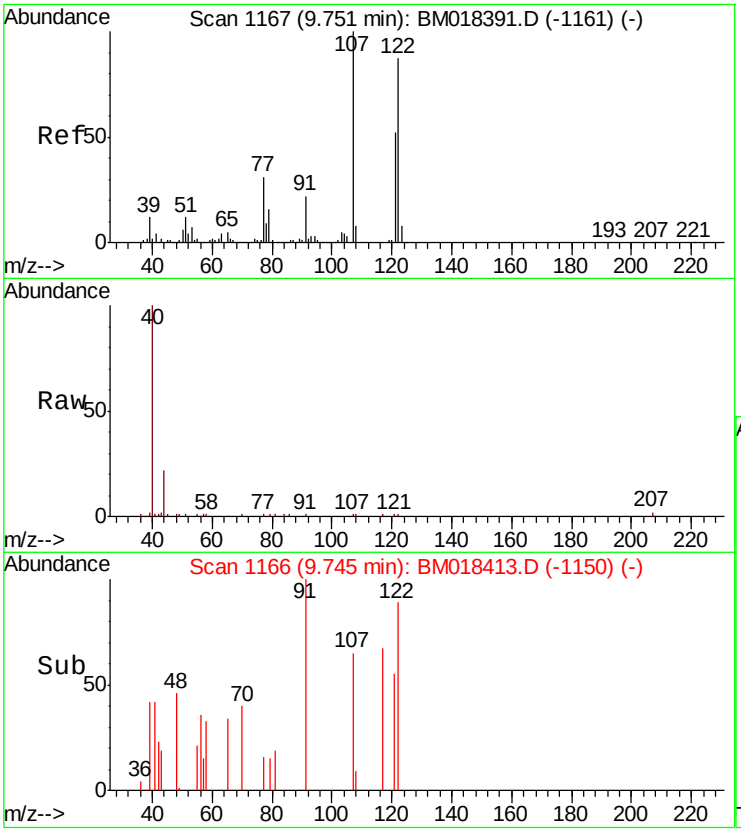


#26
2-Nitrophenol
Concen: 7.955 ng
RT: 9.69 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BM018413.D
Acq: 28 Dec 2018 01:16

Tgt Ion:139 Resp: 145

Ion	Ratio	Lower	Upper
139	100		
109	0.0	23.4	35.2#
65	0.0	39.4	59.2#



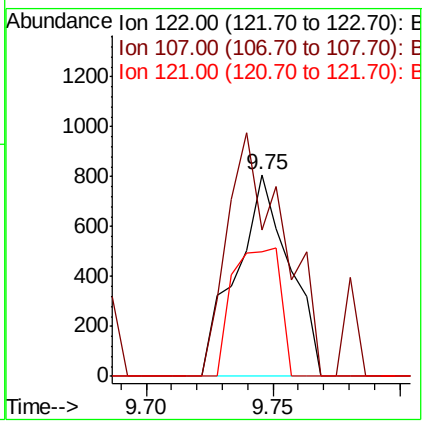


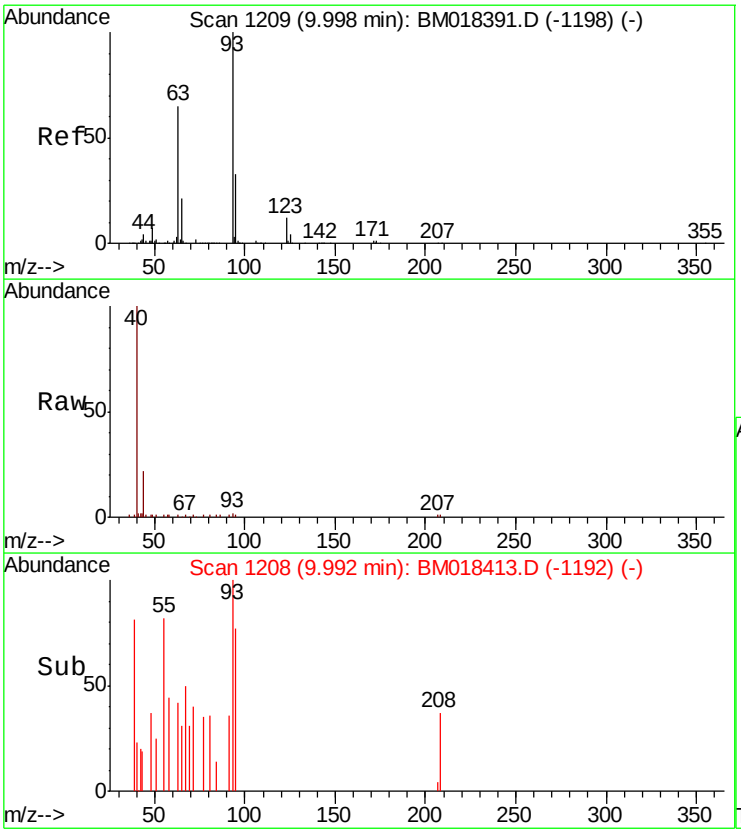
#27
2,4-Dimethylphenol
Concen: 0.052 ng
RT: 9.75 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BM018413.D
Acq: 28 Dec 2018 01:16

Instrument :
BNA_M
ClientSampleId :
381218011-4

Tgt Ion:122 Resp: 1177

Ion	Ratio	Lower	Upper
122	100		
107	72.7	91.9	137.9#
121	61.7	47.5	71.3

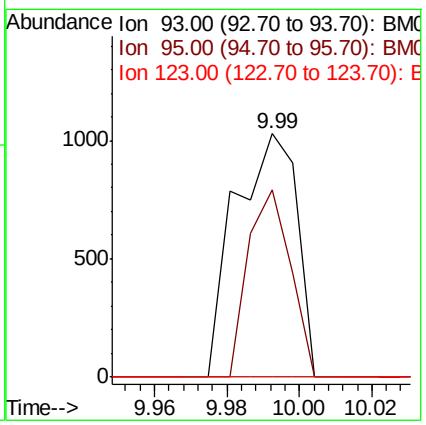


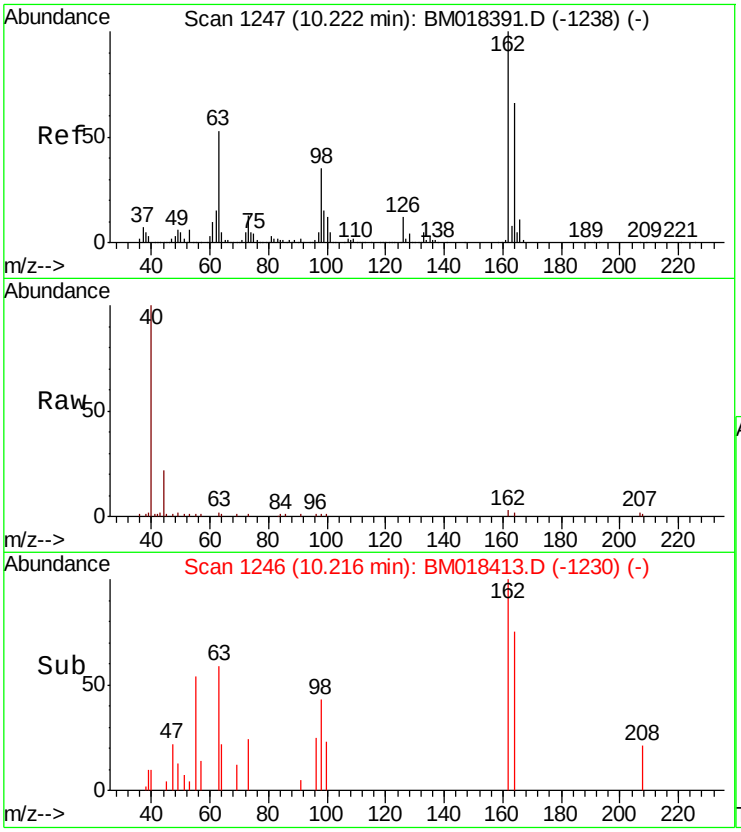


#28
bis(2-Chloroethoxy)methane
Concen: 0.036 ng
RT: 9.99 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BM018413.D
Acq: 28 Dec 2018 01:16

Tgt Ion: 93 Resp: 1224

Ion	Ratio	Lower	Upper
93	100		
95	76.8	26.6	39.8#
123	0.0	9.9	14.9#



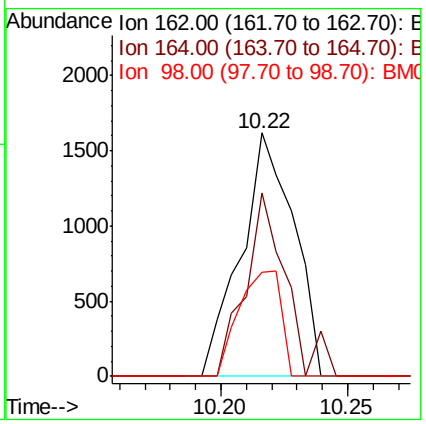


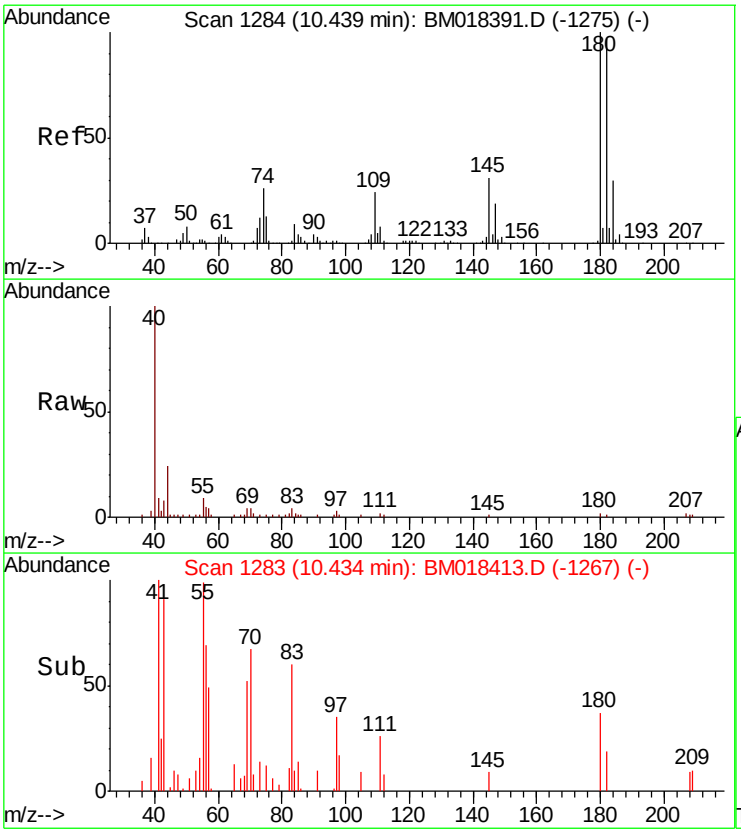
#29
2,4-Dichlorophenol
Concen: 0.096 ng
RT: 10.22 min Scan# 1246
Delta R.T. -0.01 min
Lab File: BM018413.D
Acq: 28 Dec 2018 01:16

Instrument :
BNA_M
ClientSampleId :
381218011-4

Tgt Ion:162 Resp: 2371

Ion	Ratio	Lower	Upper
162	100		
164	75.1	45.6	85.6
98	42.7	14.7	54.7

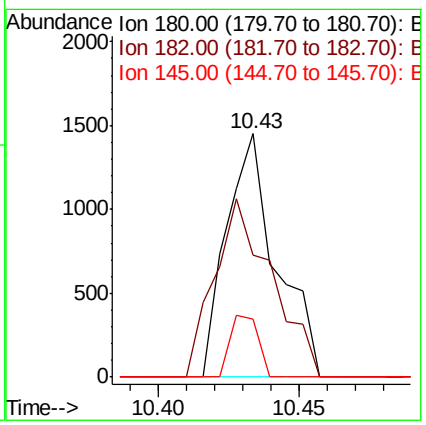


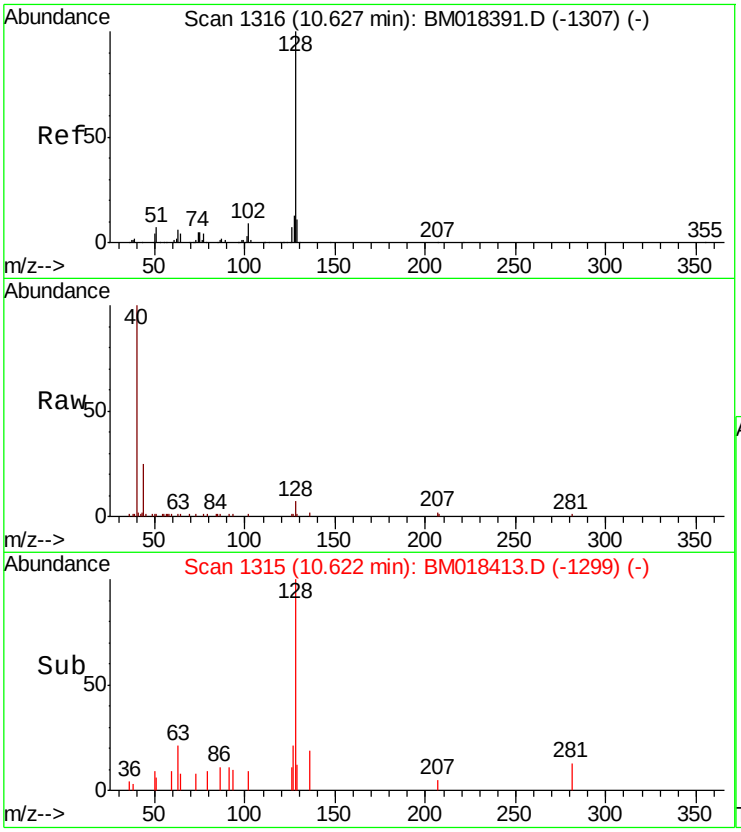


#30
1,2,4-Trichlorobenzene
Concen: 0.059 ng
RT: 10.43 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BM018413.D
Acq: 28 Dec 2018 01:16

Tgt Ion:180 Resp: 1786

Ion	Ratio	Lower	Upper
180	100		
182	50.2	77.4	116.2#
145	23.6	24.6	37.0#



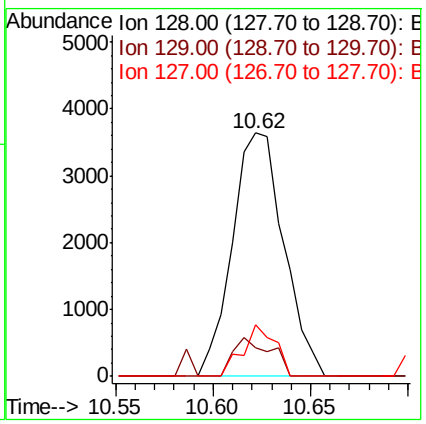


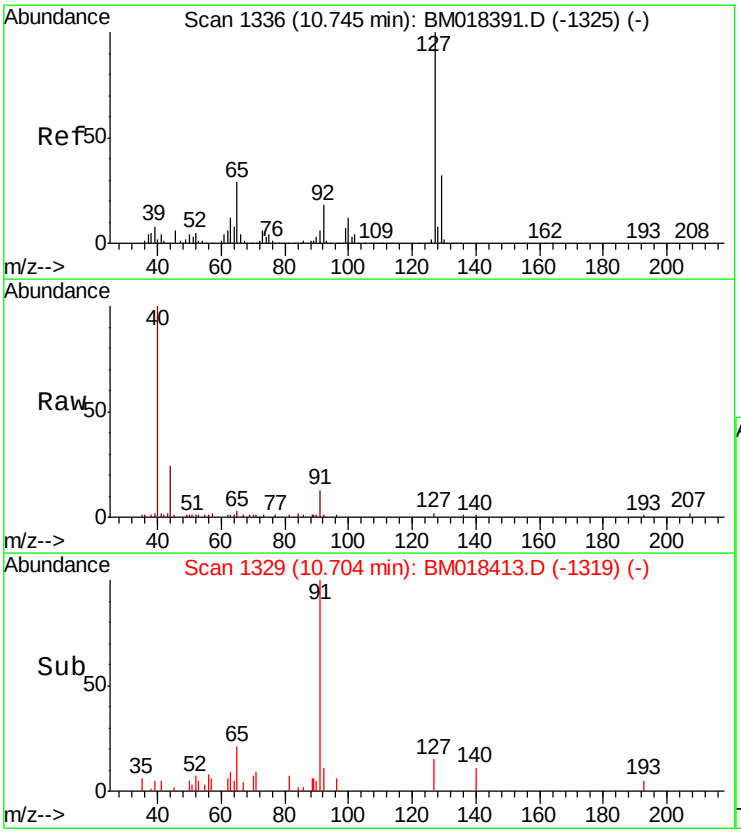
#31
Naphthalene
Concen: 0.077 ng
RT: 10.62 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BM018413.D
Acq: 28 Dec 2018 01:16

Instrument :
BNA_M
ClientSampleId :
381218011-4

Tgt Ion:128 Resp: 6644

Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.7	13.1
127	21.4	10.8	16.2#

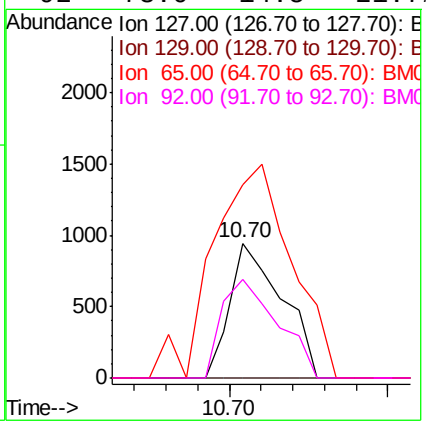


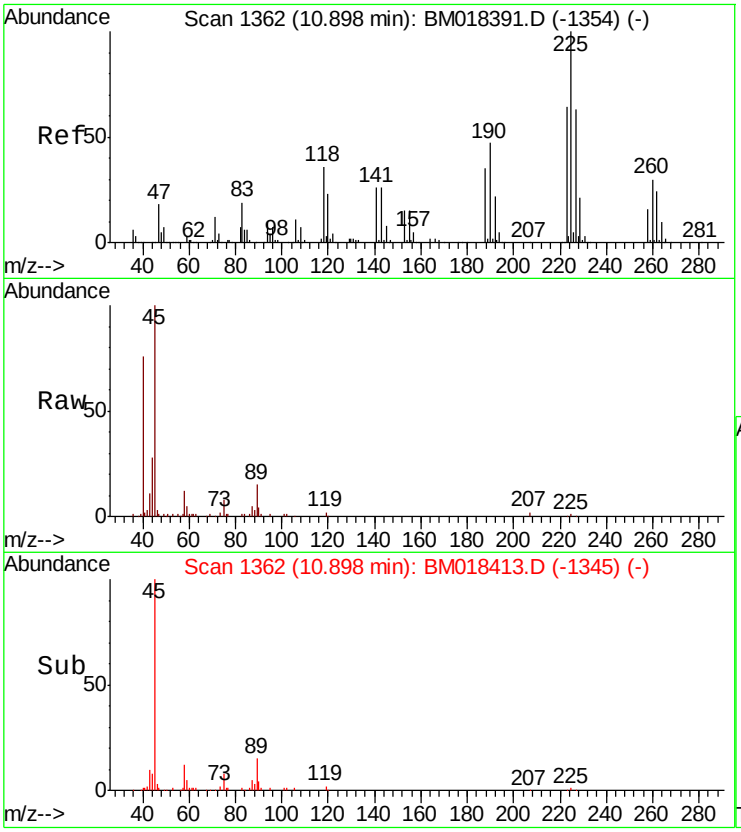


#33
4-Chloroaniline
Concen: 0.027 ng
RT: 10.70 min Scan# 1329
Delta R.T. -0.04 min
Lab File: BM018413.D
Acq: 28 Dec 2018 01:16

Tgt Ion:127 Resp: 1077

Ion	Ratio	Lower	Upper
127	100		
129	0.0	25.9	38.9#
65	143.9	23.4	35.2#
92	73.0	14.5	21.7#



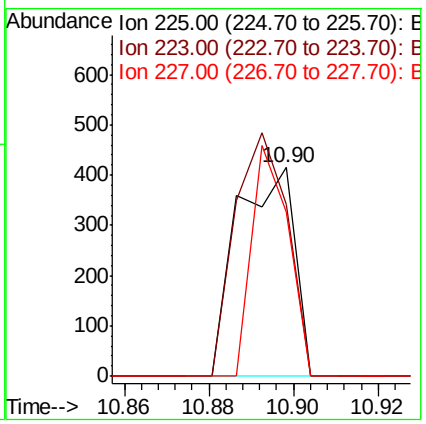


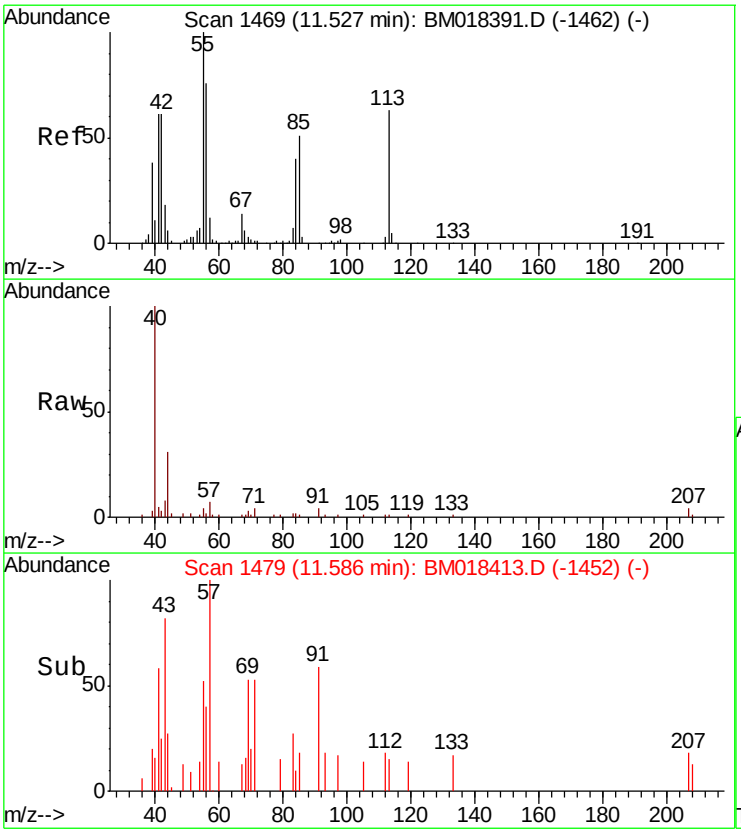
#34
Hexachlorobutadiene
Concen: 0.021 ng
RT: 10.90 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BM018413.D
Acq: 28 Dec 2018 01:16

Instrument :
BNA_M
ClientSampleId :
381218011-4

Tgt Ion:225 Resp: 393

Ion	Ratio	Lower	Upper
225	100		
223	82.2	50.8	76.2#
227	78.8	50.4	75.6#

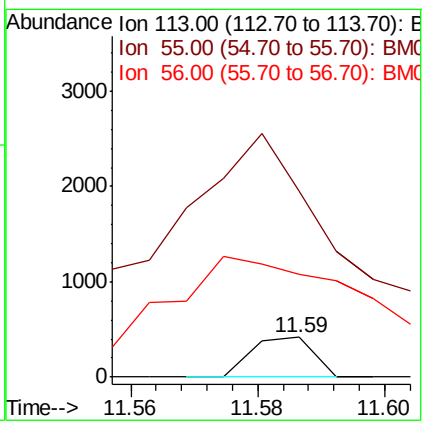


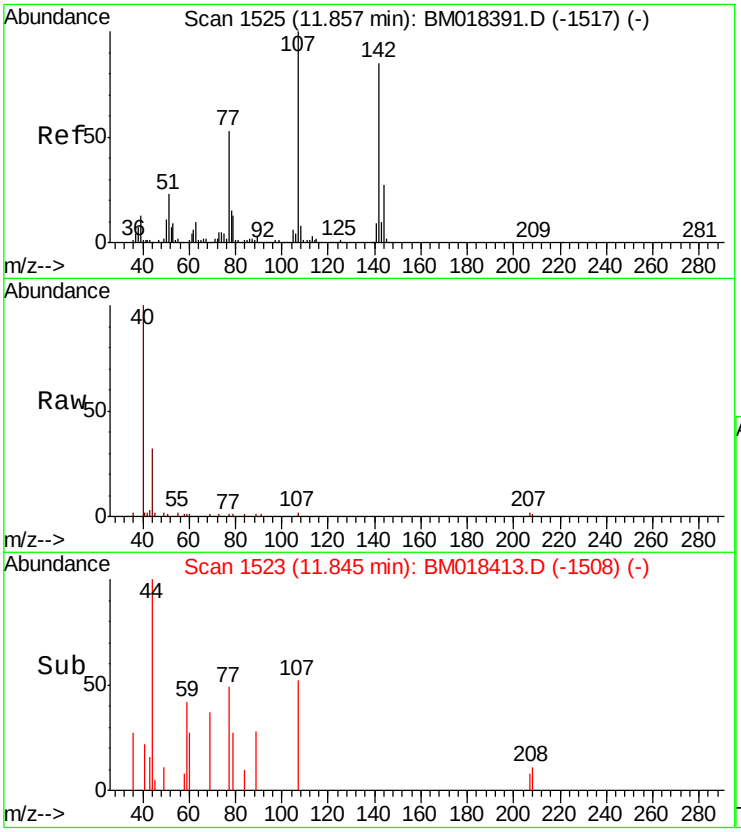


#35
Caprolactam
Concen: 0.031 ng
RT: 11.59 min Scan# 1479
Delta R.T. 0.06 min
Lab File: BM018413.D
Acq: 28 Dec 2018 01:16

Tgt Ion:113 Resp: 280

Ion	Ratio	Lower	Upper
113	100		
55	467.8	139.3	179.3#
56	258.9	101.4	141.4#



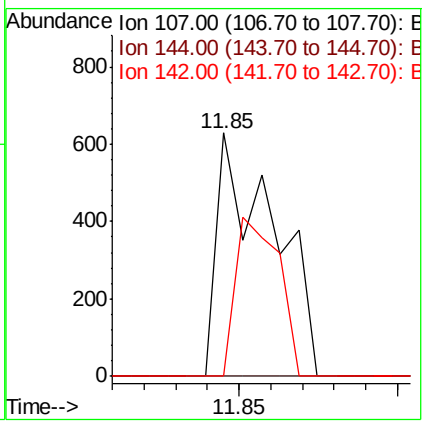


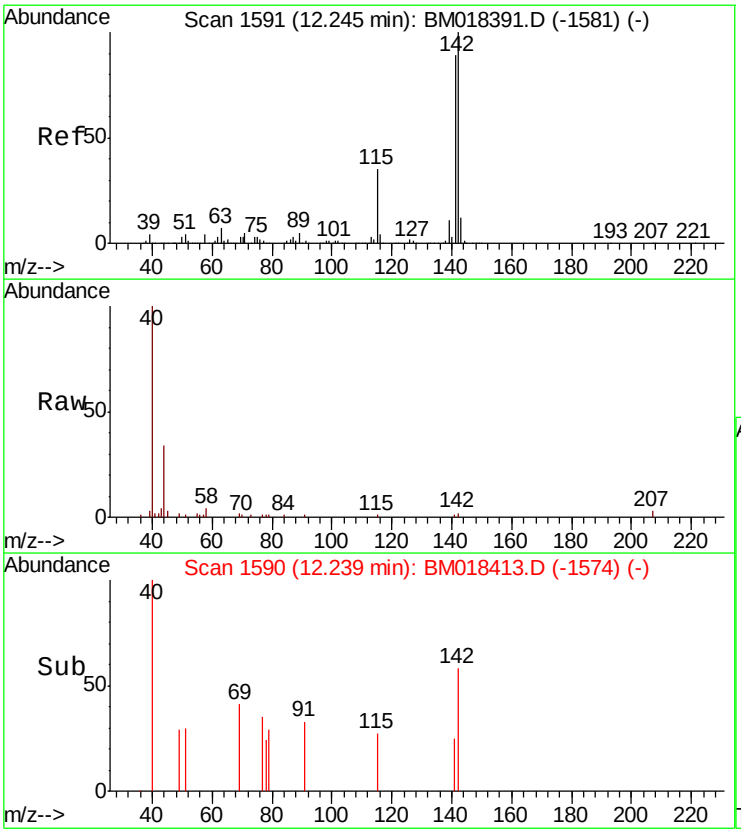
#36
4-Chloro-3-methylphenol
Concen: 0.028 ng
RT: 11.85 min Scan# 1523
Delta R.T. -0.01 min
Lab File: BM018413.D
Acq: 28 Dec 2018 01:16

Instrument :
BNA_M
ClientSampleId :
381218011-4

Tgt Ion:107 Resp: 775

Ion	Ratio	Lower	Upper
107	100		
144	0.0	21.9	32.9#
142	0.0	67.9	101.9#

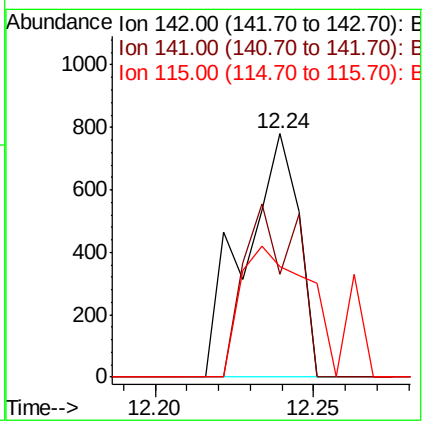


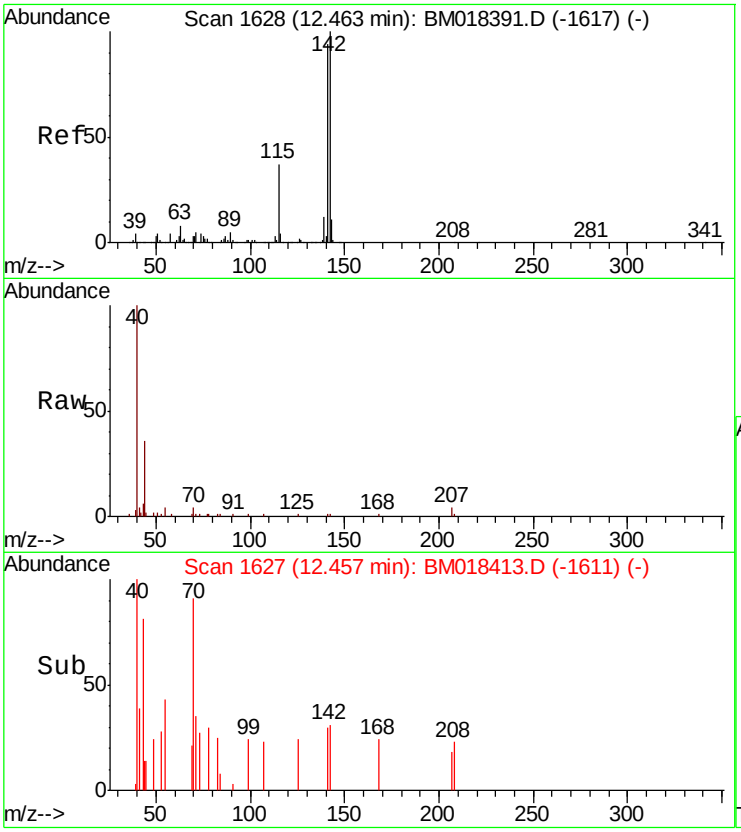


#37
2-Methylnaphthalene
Concen: 0.015 ng
RT: 12.24 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BM018413.D
Acq: 28 Dec 2018 01:16

Tgt Ion:142 Resp: 926

Ion	Ratio	Lower	Upper
142	100		
141	42.1	71.4	107.2#
115	45.5	28.0	42.0#



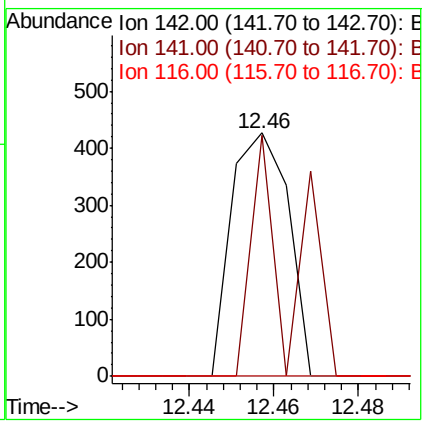


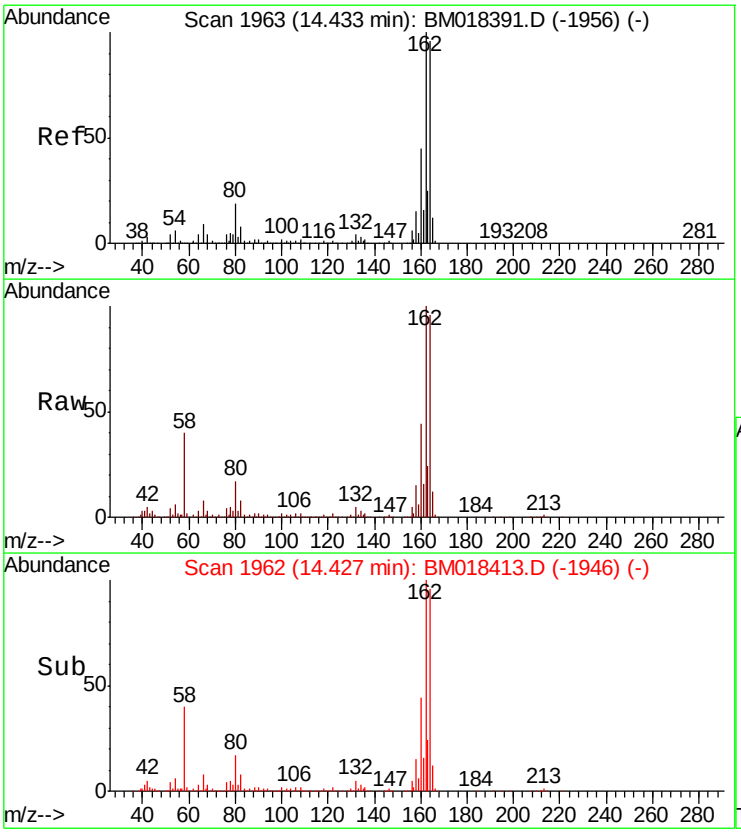
#38
1-Methylnaphthalene
Concen: 0.007 ng
RT: 12.46 min Scan# 1627
Delta R.T. -0.01 min
Lab File: BM018413.D
Acq: 28 Dec 2018 01:16

Instrument :
BNA_M
ClientSampleId :
381218011-4

Tgt Ion:142 Resp: 401

Ion	Ratio	Lower	Upper
142	100		
141	99.1	75.6	113.4
116	0.0	3.0	4.6#

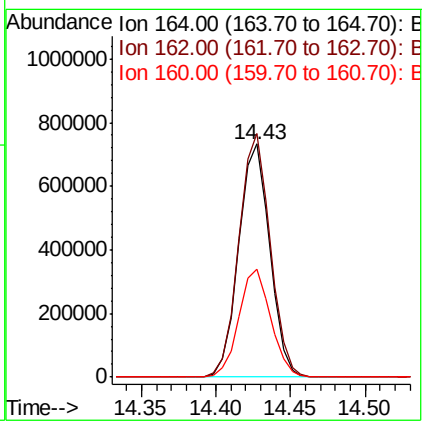


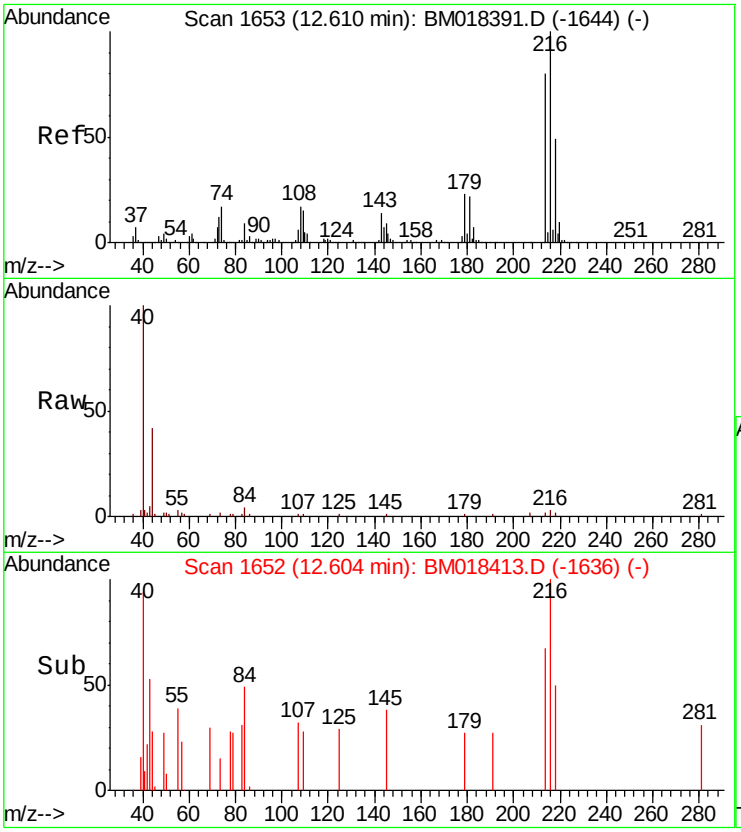


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.43 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BM018413.D
Acq: 28 Dec 2018 01:16

Tgt Ion:164 Resp: 1053538

Ion	Ratio	Lower	Upper
164	100		
162	104.4	83.0	124.4
160	46.5	37.1	55.7



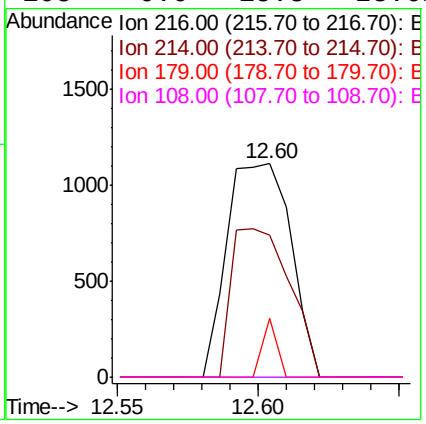


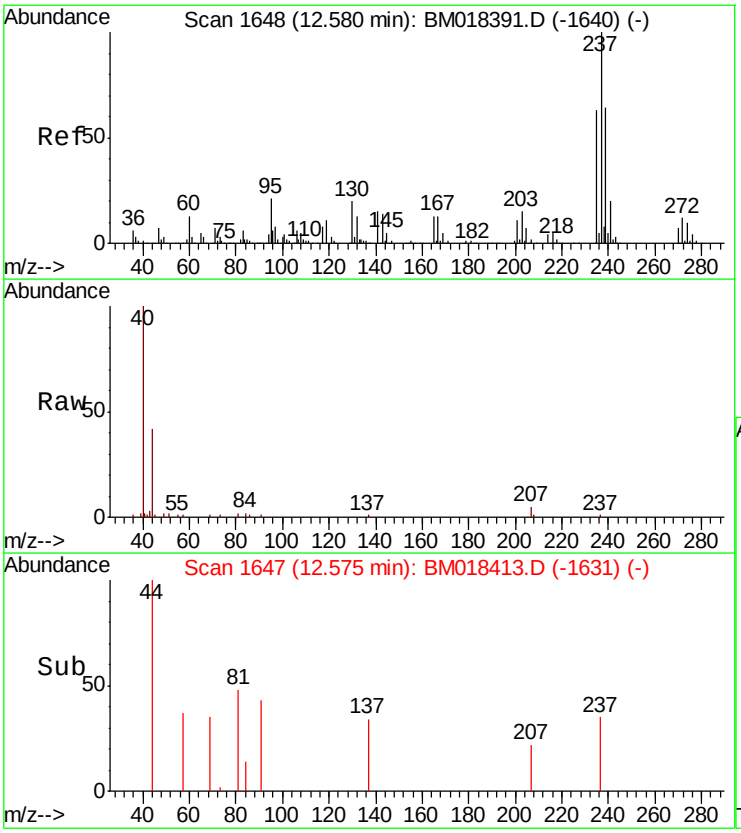
#40
1,2,4,5-Tetrachlorobenzene
Concen: 0.053 ng
RT: 12.60 min Scan# 1652
Delta R.T. -0.01 min
Lab File: BM018413.D
Acq: 28 Dec 2018 01:16

Instrument :
BNA_M
ClientSampleId :
381218011-4

Tgt Ion:216 Resp: 1746

Ion	Ratio	Lower	Upper
216	100		
214	63.5	63.4	95.0
179	6.1	17.9	26.9#
108	0.0	15.8	23.6#

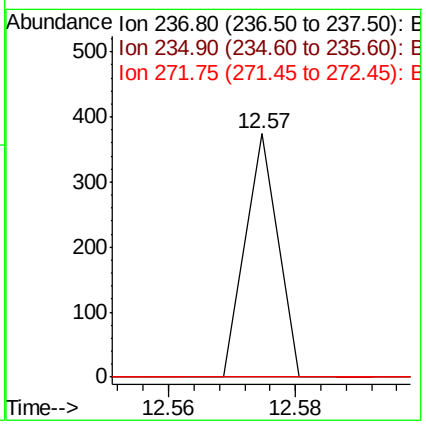


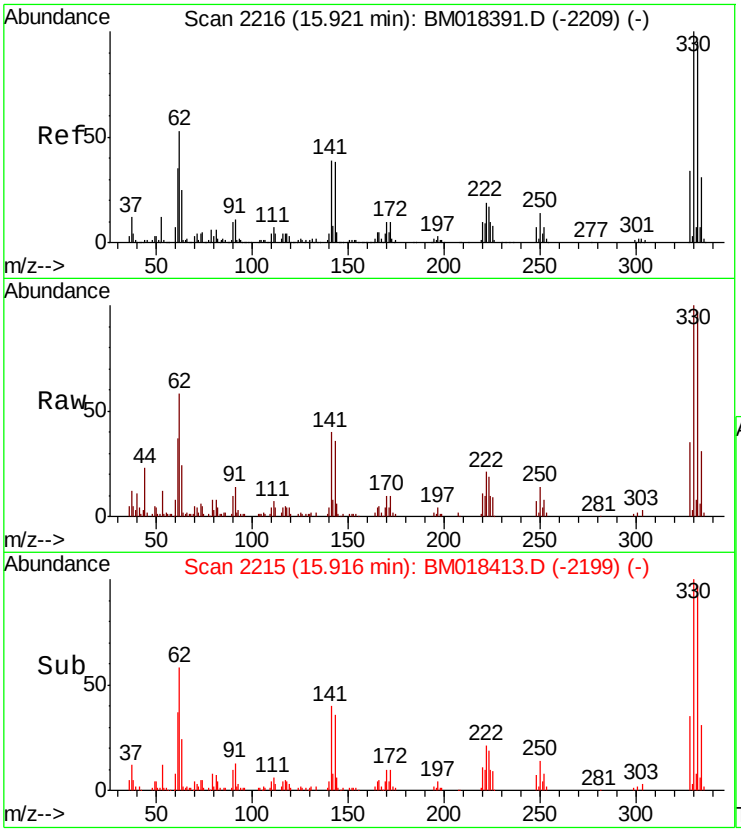


#41
Hexachlorocyclopentadiene
Concen: 0.008 ng
RT: 12.57 min Scan# 1647
Delta R.T. -0.01 min
Lab File: BM018413.D
Acq: 28 Dec 2018 01:16

Tgt Ion:237 Resp: 132

Ion	Ratio	Lower	Upper
237	100		
235	0.0	42.8	82.8#
272	0.0	0.0	31.9



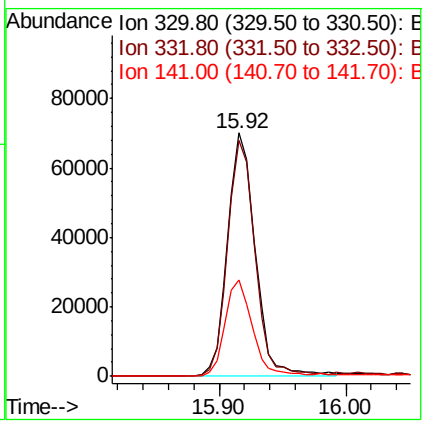


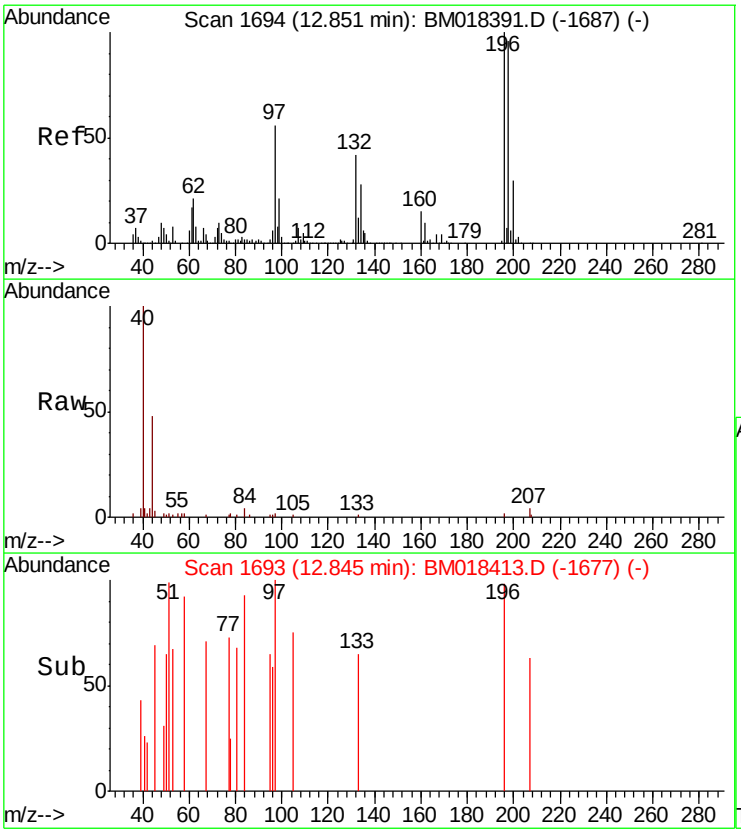
#42
2,4,6-Tribromophenol
Concen: 7.921 ng
RT: 15.92 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BM018413.D
Acq: 28 Dec 2018 01:16

Instrument :
BNA_M
ClientSampleId :
381218011-4

Tgt Ion:330 Resp: 106032

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.6	116.4
141	39.2	31.7	47.5

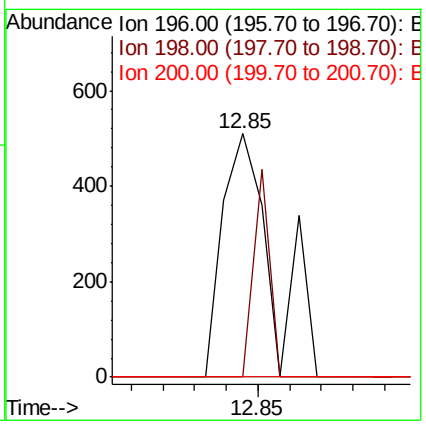


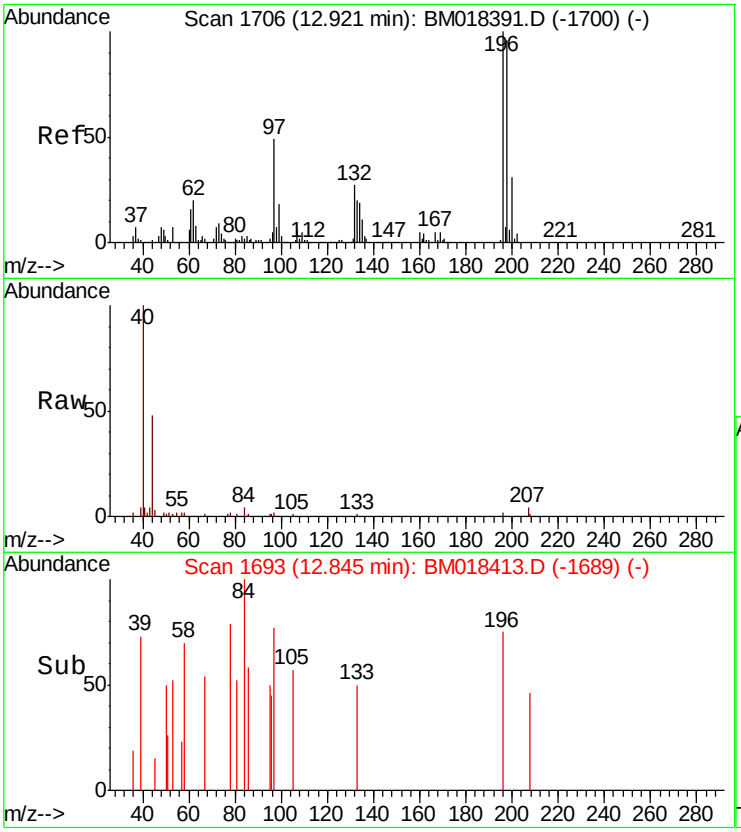


#43
2,4,6-Trichlorophenol
Concen: 0.030 ng
RT: 12.85 min Scan# 1693
Delta R.T. -0.01 min
Lab File: BM018413.D
Acq: 28 Dec 2018 01:16

Tgt Ion:196 Resp: 558

Ion	Ratio	Lower	Upper
196	100		
198	0.0	76.6	115.0#
200	0.0	24.2	36.4#



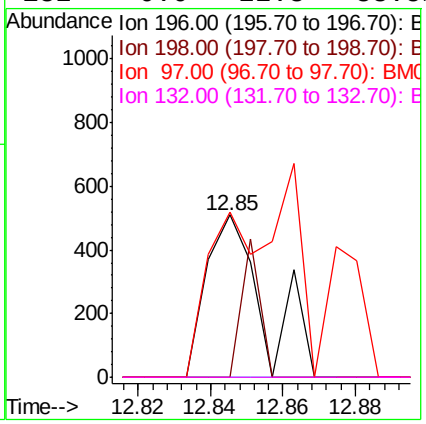


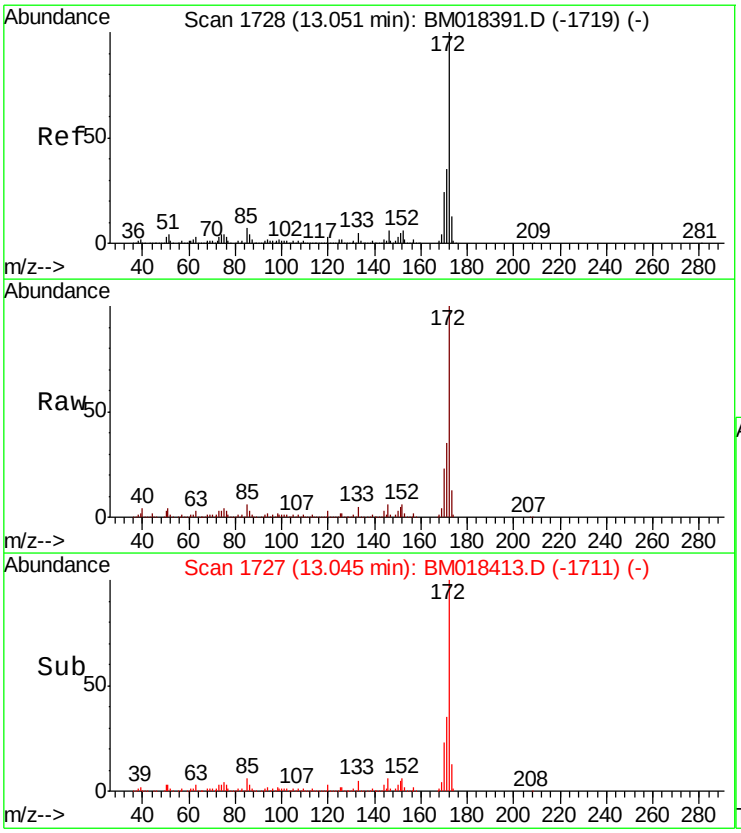
#44
2,4,5-Trichlorophenol
Concen: 0.027 ng
RT: 12.85 min Scan# 1693
Delta R.T. -0.08 min
Lab File: BM018413.D
Acq: 28 Dec 2018 01:16

Instrument :
BNA_M
ClientSampleId :
381218011-4

Tgt Ion:196 Resp: 558

Ion	Ratio	Lower	Upper
196	100		
198	0.0	76.7	115.1#
97	101.8	39.2	58.8#
132	0.0	22.3	33.5#

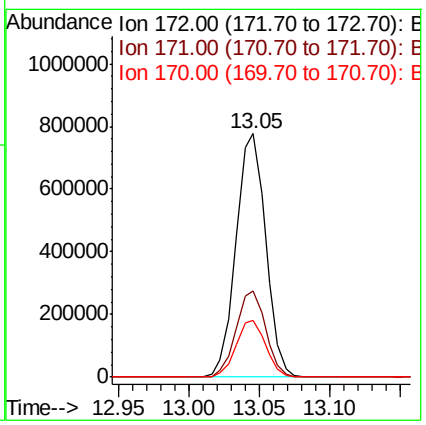


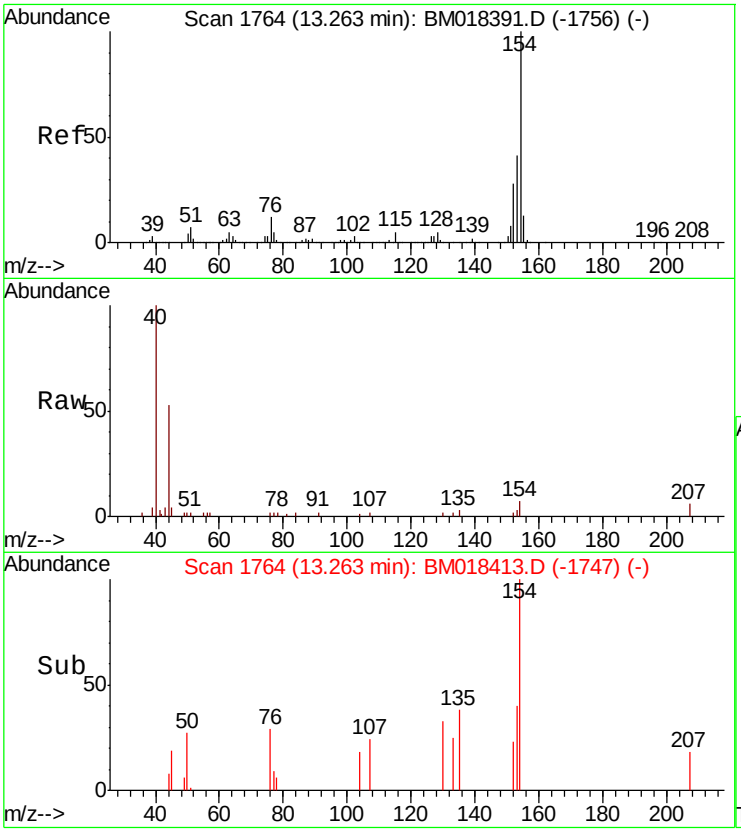


#45
2-Fluorobiphenyl
Concen: 14.668 ng
RT: 13.05 min Scan# 1727
Delta R.T. -0.01 min
Lab File: BM018413.D
Acq: 28 Dec 2018 01:16

Tgt Ion:172 Resp: 1140985

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.2	42.4
170	23.3	18.9	28.3



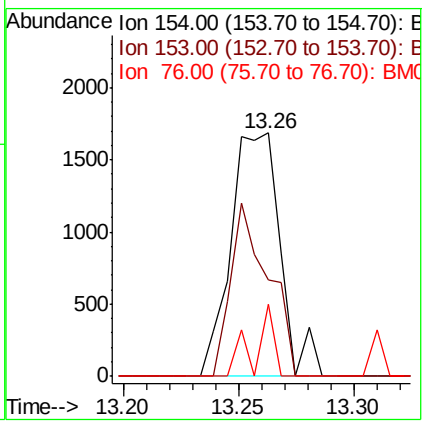


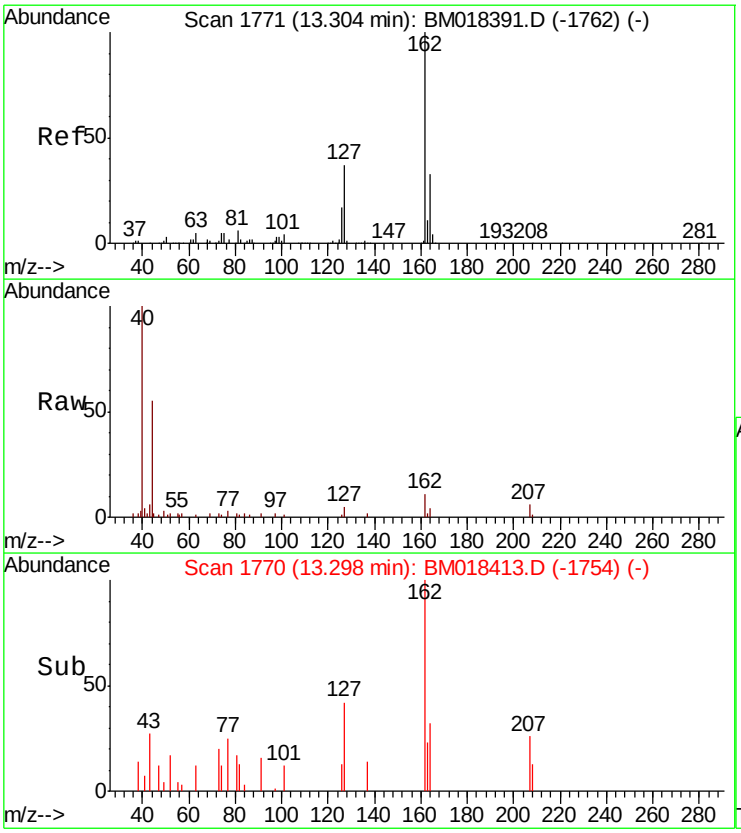
#46
1,1'-Biphenyl
Concen: 0.028 ng
RT: 13.26 min Scan# 1764
Delta R.T. 0.00 min
Lab File: BM018413.D
Acq: 28 Dec 2018 01:16

Instrument :
BNA_M
ClientSampleId :
381218011-4

Tgt Ion:154 Resp: 2527

Ion	Ratio	Lower	Upper
154	100		
153	39.7	20.5	60.5
76	29.3	0.0	31.9

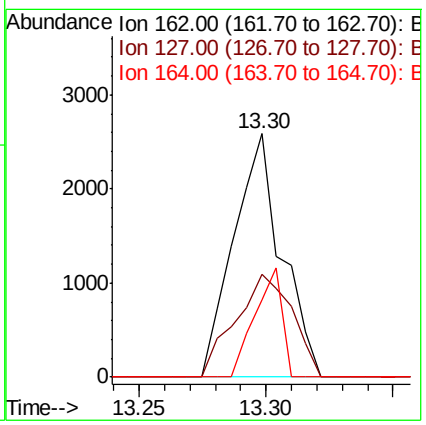


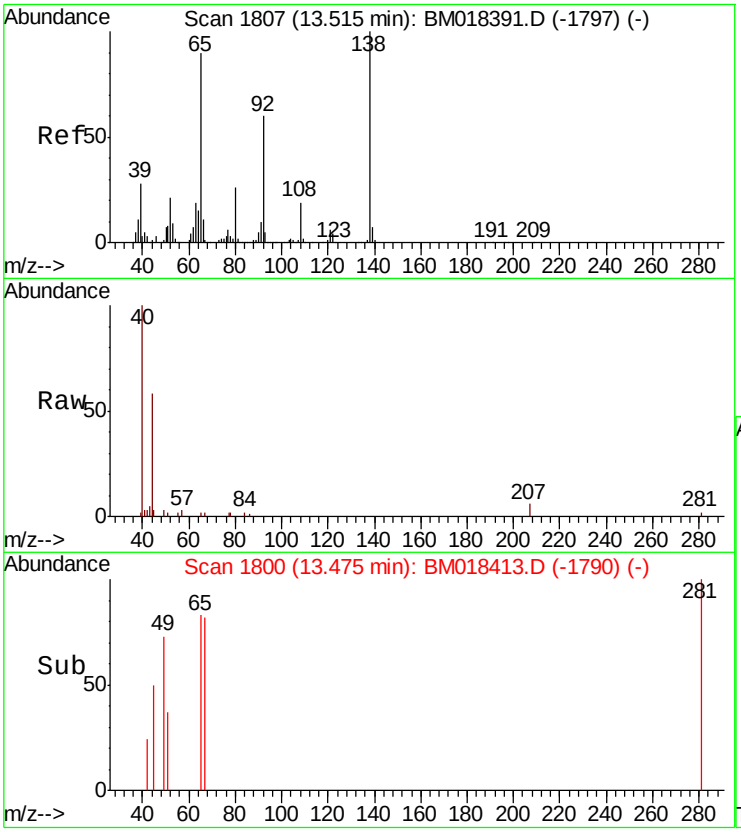


#47
2-Chloronaphthalene
Concen: 0.050 ng
RT: 13.30 min Scan# 1770
Delta R.T. -0.01 min
Lab File: BM018413.D
Acq: 28 Dec 2018 01:16

Tgt Ion:162 Resp: 3414

Ion	Ratio	Lower	Upper
162	100		
127	42.0	31.4	47.0
164	31.9	26.2	39.4



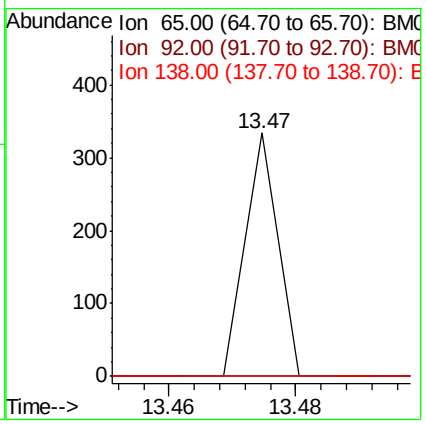


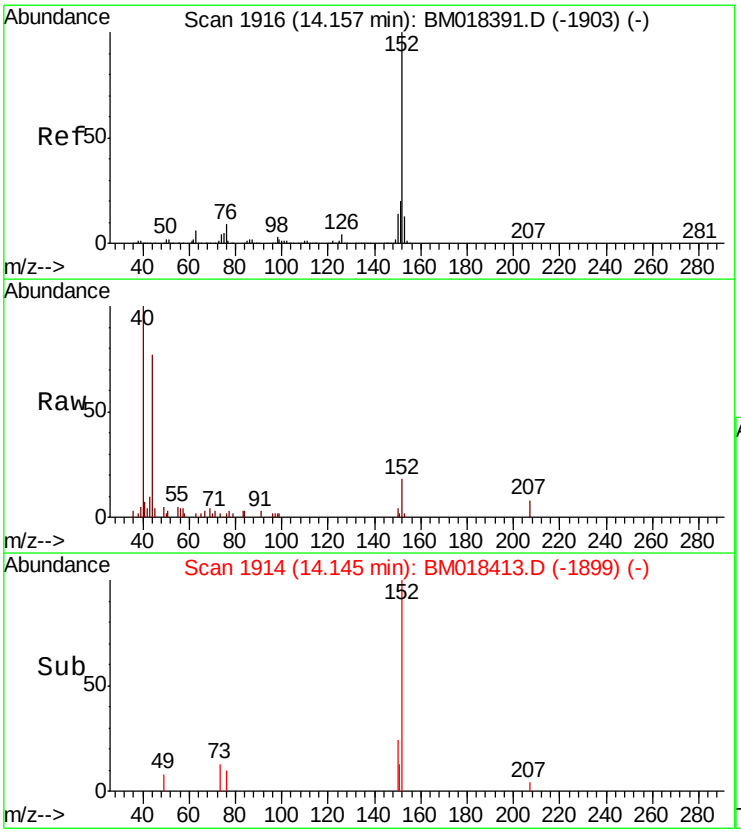
#48
2-Nitroaniline
Concen: 0.006 ng
RT: 13.47 min Scan# 1800
Delta R.T. -0.04 min
Lab File: BM018413.D
Acq: 28 Dec 2018 01:16

Instrument :
BNA_M
ClientSampleId :
381218011-4

Tgt Ion: 65 Resp: 118

Ion	Ratio	Lower	Upper
65	100		
92	0.0	53.4	80.2#
138	0.0	88.9	133.3#

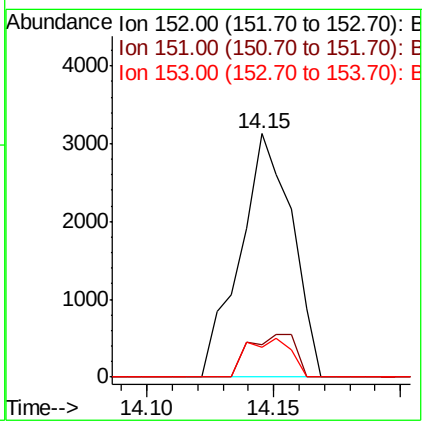


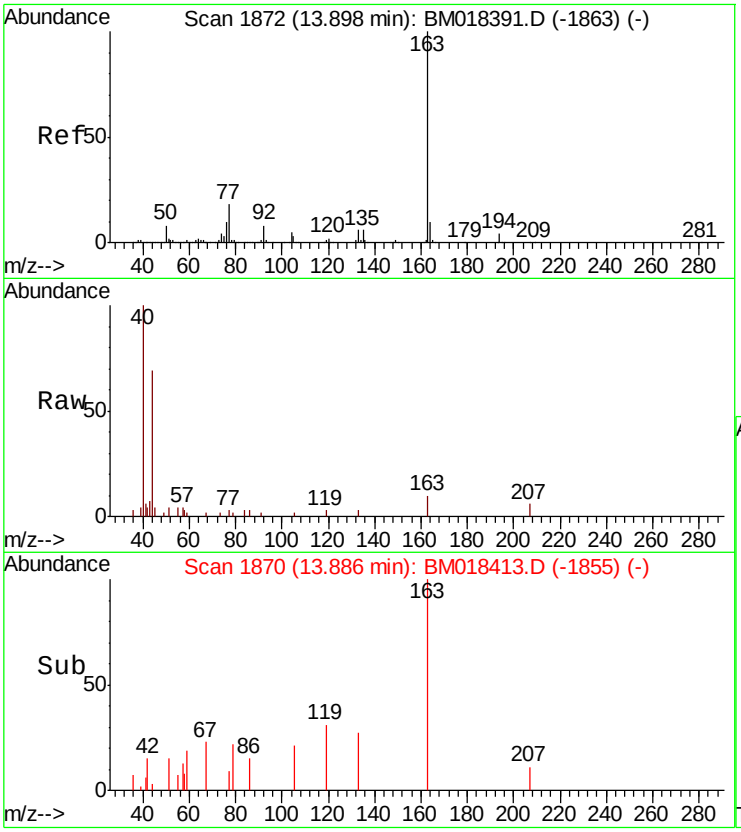


#49
Acenaphthylene
Concen: 0.042 ng
RT: 14.15 min Scan# 1914
Delta R.T. -0.01 min
Lab File: BM018413.D
Acq: 28 Dec 2018 01:16

Tgt Ion:152 Resp: 4446

Ion	Ratio	Lower	Upper
152	100		
151	13.1	15.7	23.5#
153	12.3	10.5	15.7



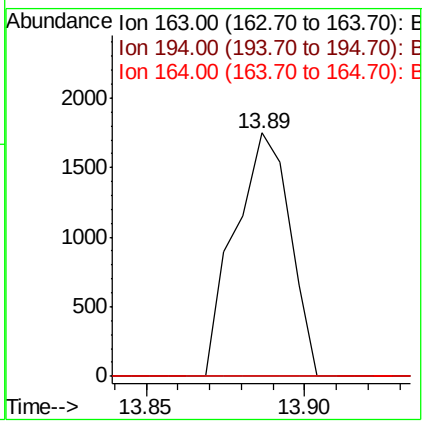


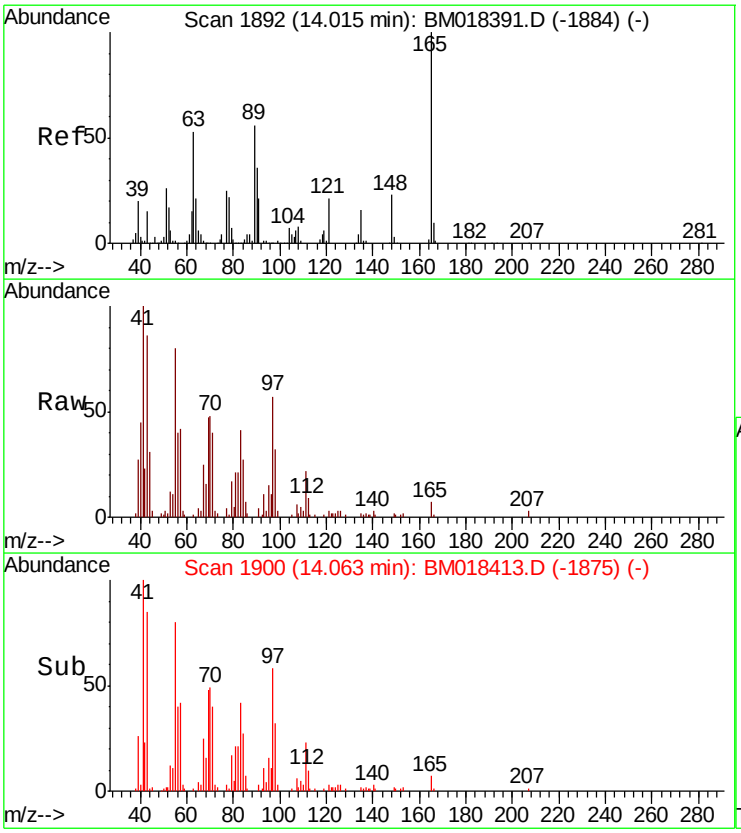
#50
Dimethylphthalate
Concen: 0.024 ng
RT: 13.89 min Scan# 1870
Delta R.T. -0.01 min
Lab File: BM018413.D
Acq: 28 Dec 2018 01:16

Instrument :
BNA_M
ClientSampleId :
381218011-4

Tgt Ion:163 Resp: 2113

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.0	4.6#
164	0.0	7.8	11.8#

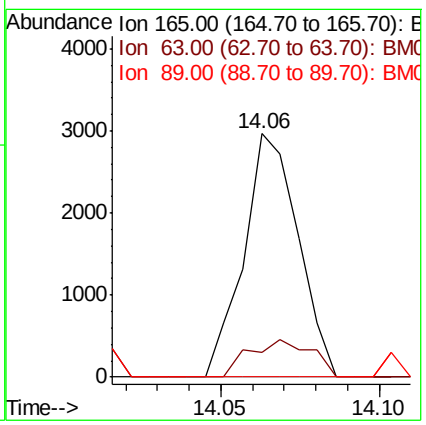


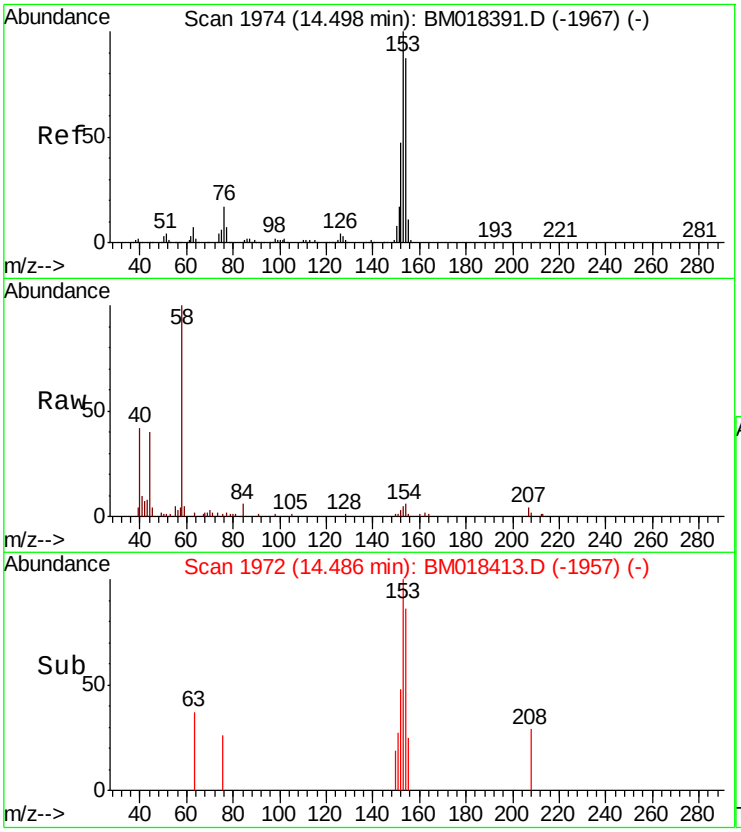


#51
2,6-Dinitrotoluene
Concen: 0.191 ng
RT: 14.06 min Scan# 1900
Delta R.T. 0.05 min
Lab File: BM018413.D
Acq: 28 Dec 2018 01:16

Tgt Ion:165 Resp: 3537

Ion	Ratio	Lower	Upper
165	100		
63	10.2	45.6	68.4#
89	0.0	44.6	66.8#



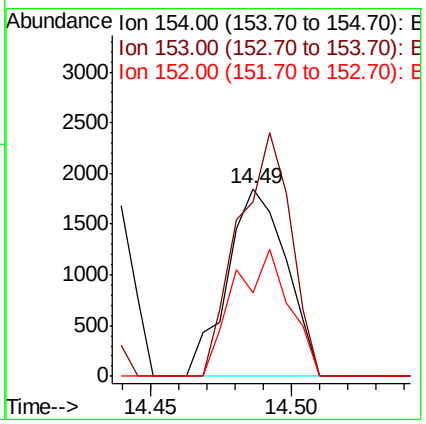


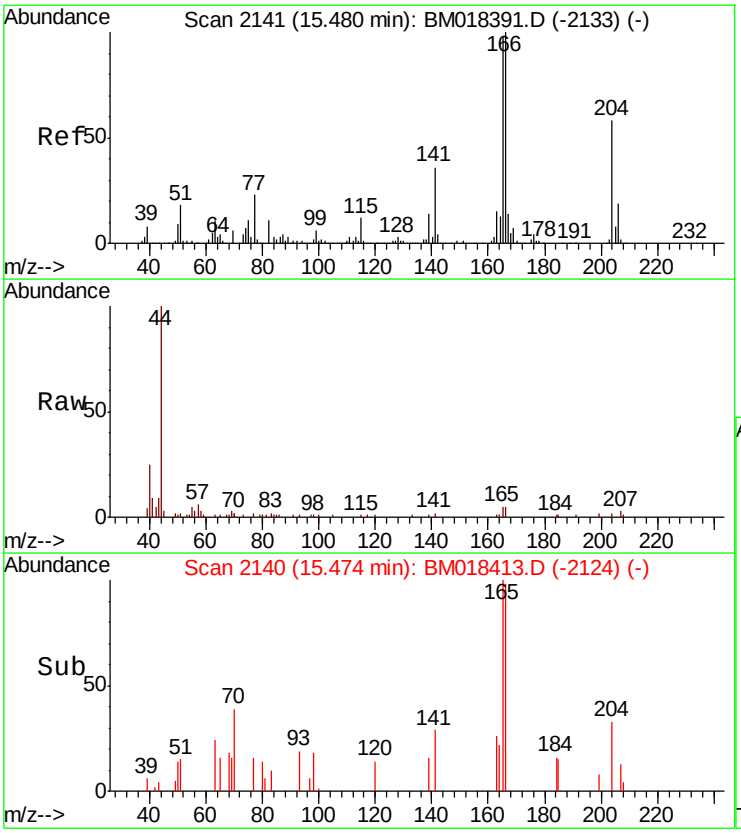
#52
Acenaphthene
Concen: 0.042 ng
RT: 14.49 min Scan# 1972
Delta R.T. -0.01 min
Lab File: BM018413.D
Acq: 28 Dec 2018 01:16

Instrument :
BNA_M
ClientSampleId :
381218011-4

Tgt Ion:154 Resp: 2685

Ion	Ratio	Lower	Upper
154	100		
153	93.3	92.3	138.5
152	44.9	43.8	65.6

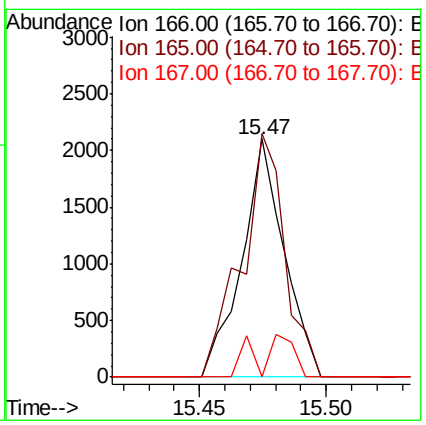


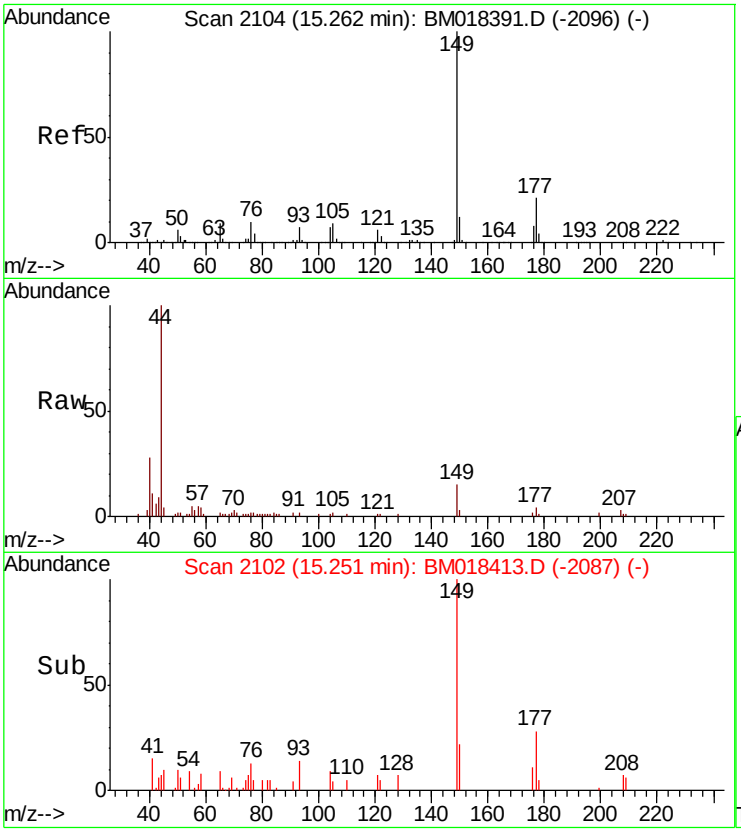


#58
Fluorene
Concen: 0.030 ng
RT: 15.47 min Scan# 2140
Delta R.T. -0.01 min
Lab File: BM018413.D
Acq: 28 Dec 2018 01:16

Tgt Ion:166 Resp: 2446

Ion	Ratio	Lower	Upper
166	100		
165	102.1	78.3	117.5
167	0.0	10.9	16.3#



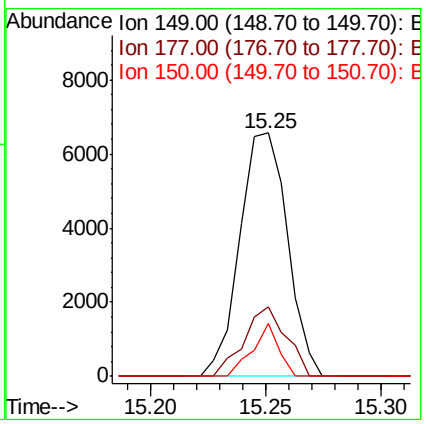


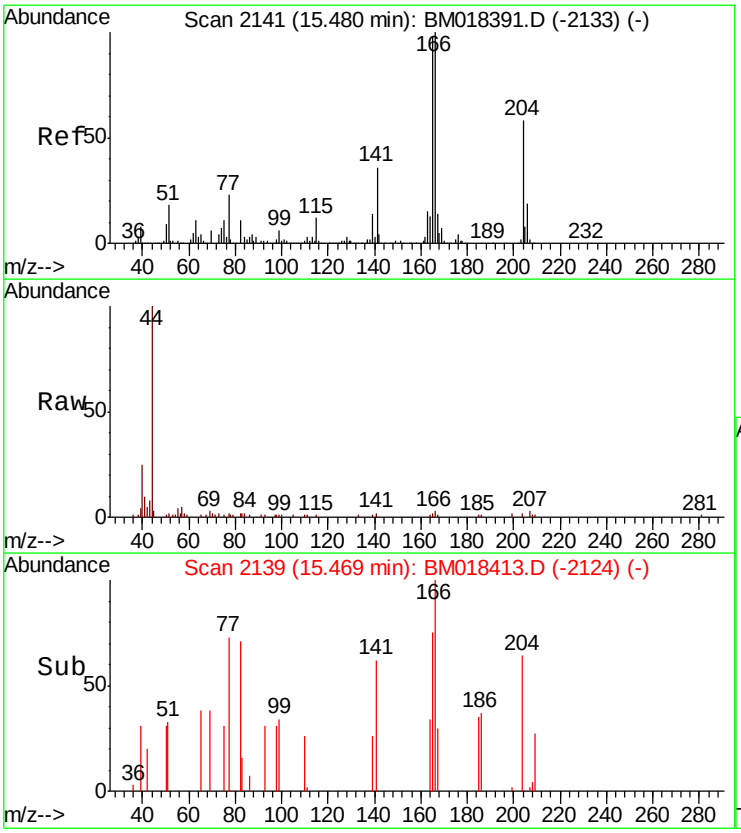
#60
Diethylphthalate
Concen: 0.103 ng
RT: 15.25 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BM018413.D
Acq: 28 Dec 2018 01:16

Instrument :
BNA_M
ClientSampleId :
381218011-4

Tgt Ion:149 Resp: 9470

Ion	Ratio	Lower	Upper
149	100		
177	28.3	17.1	25.7#
150	21.5	9.8	14.6#

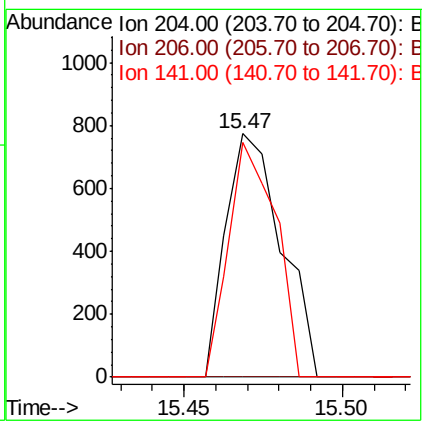


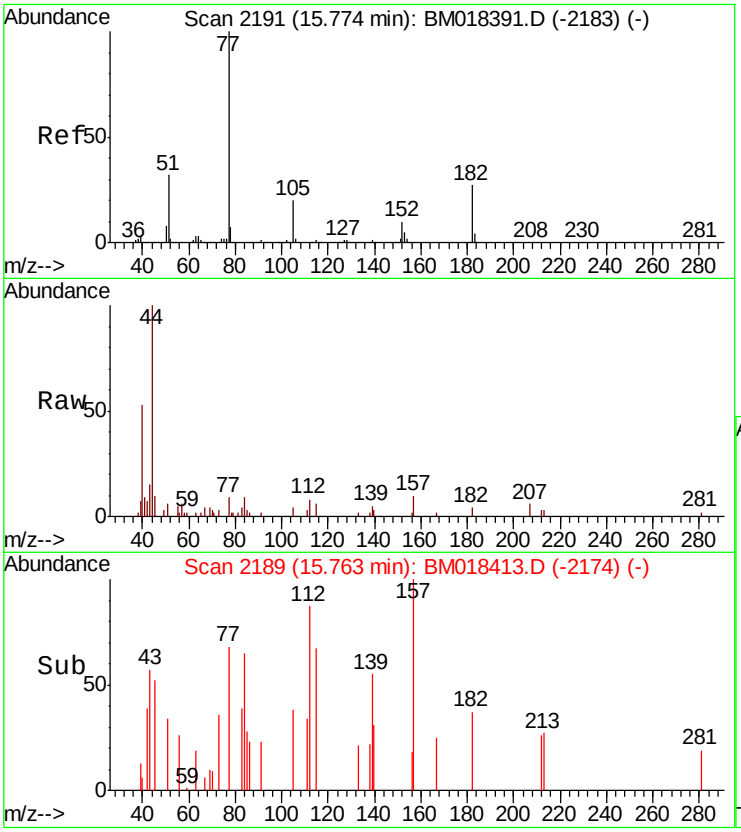


#61
4-Chlorophenyl-phenylether
Concen: 0.021 ng
RT: 15.47 min Scan# 2139
Delta R.T. -0.01 min
Lab File: BM018413.D
Acq: 28 Dec 2018 01:16

Tgt Ion:204 Resp: 942

Ion	Ratio	Lower	Upper
204	100		
206	0.0	25.8	38.6#
141	96.5	49.5	74.3#



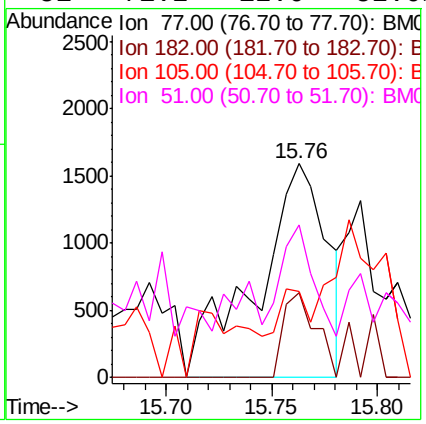


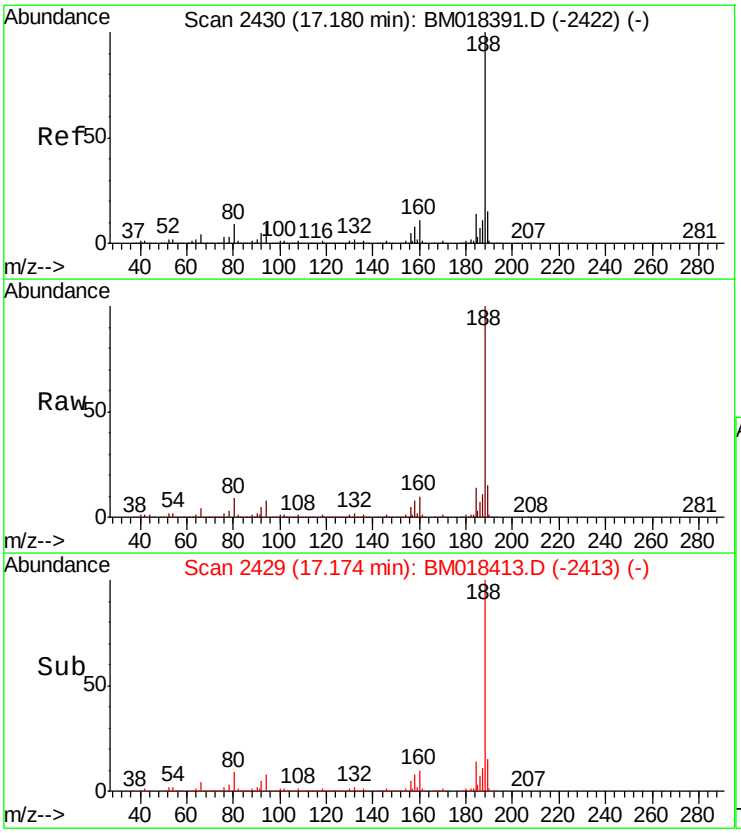
#63
Azobenzene
Concen: 0.044 ng
RT: 15.76 min Scan# 2189
Delta R.T. -0.01 min
Lab File: BM018413.D
Acq: 28 Dec 2018 01:16

Instrument :
BNA_M
ClientSampleId :
381218011-4

Tgt Ion: 77 Resp: 3670

Ion	Ratio	Lower	Upper
77	100		
182	39.3	7.4	47.4
105	40.1	0.0	39.6#
51	71.2	12.0	52.0#

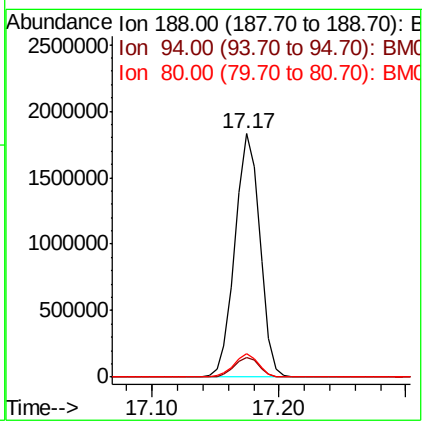


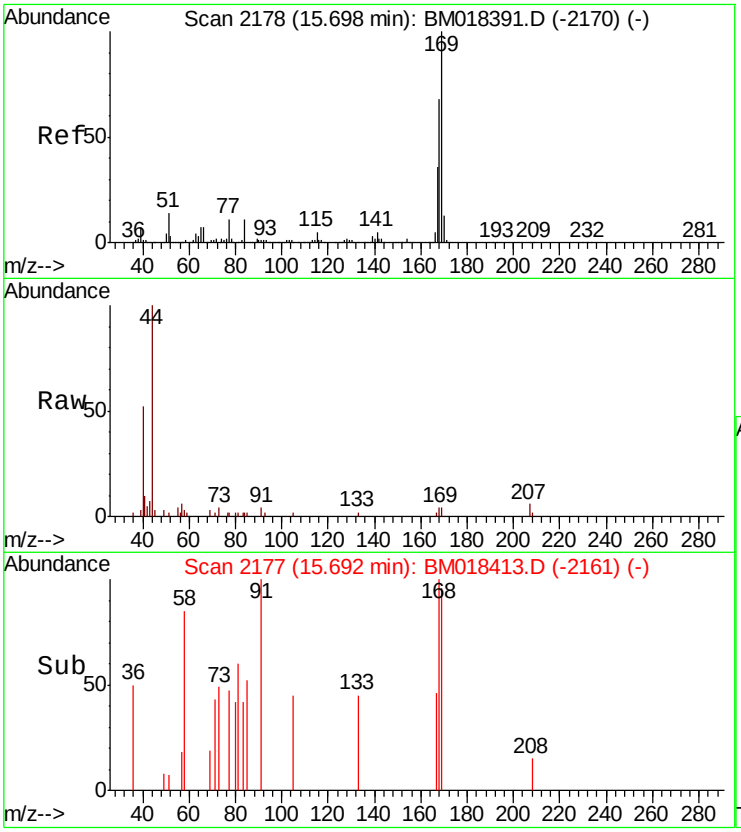


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.17 min Scan# 2429
Delta R.T. -0.01 min
Lab File: BM018413.D
Acq: 28 Dec 2018 01:16

Tgt Ion:188 Resp: 2483750

Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.1	10.7
80	9.5	7.6	11.4



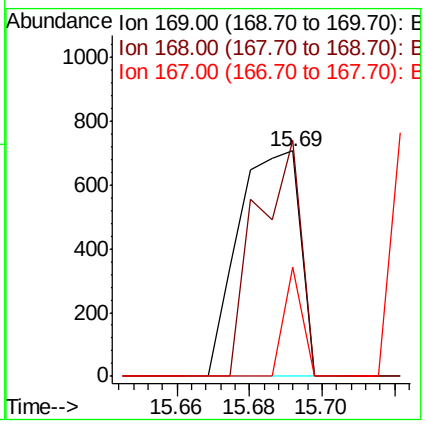


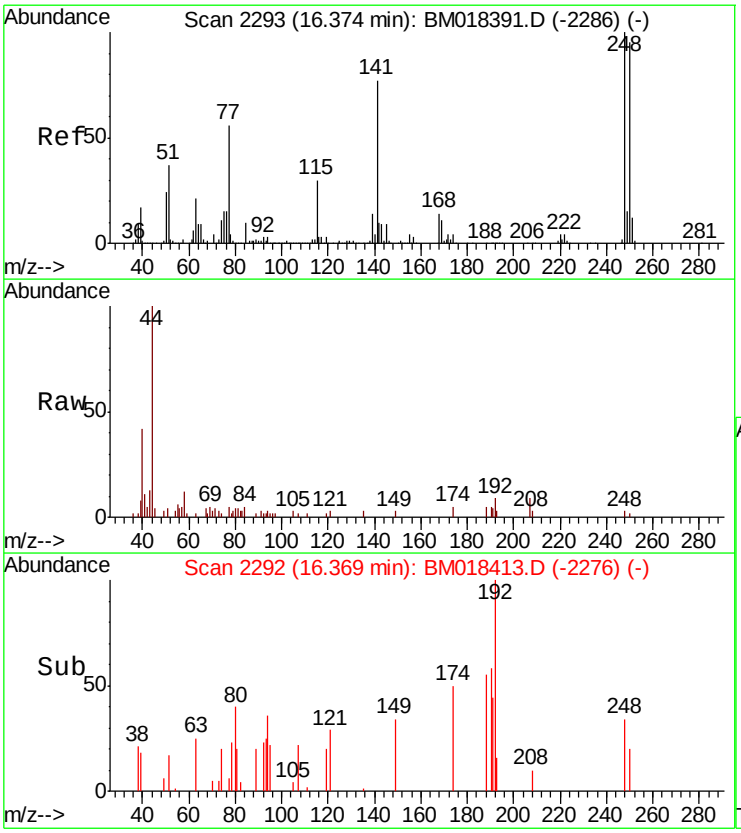
#66
n-Nitrosodiphenylamine
Concen: 0.011 ng
RT: 15.69 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BM018413.D
Acq: 28 Dec 2018 01:16

Instrument :
BNA_M
ClientSampleId :
381218011-4

Tgt Ion:169 Resp: 842

Ion	Ratio	Lower	Upper
169	100		
168	104.4	54.1	81.1#
167	48.2	28.6	42.8#

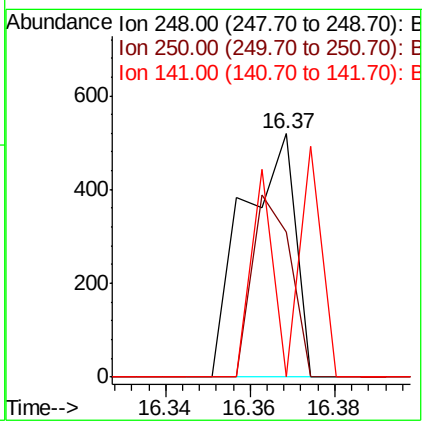


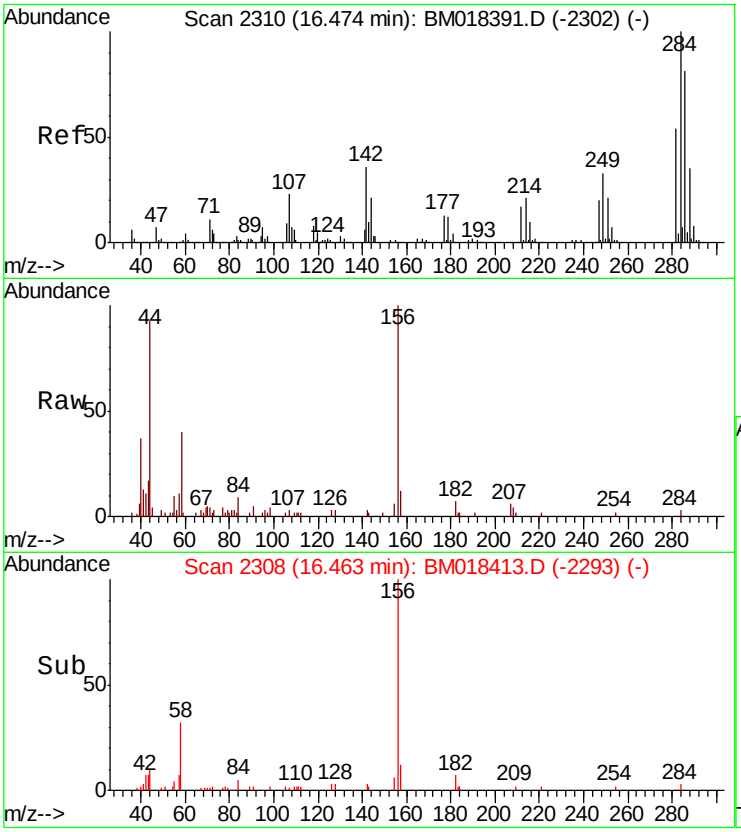


#67
4-Bromophenyl-phenylether
Concen: 0.016 ng
RT: 16.37 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BM018413.D
Acq: 28 Dec 2018 01:16

Tgt Ion:248 Resp: 446

Ion	Ratio	Lower	Upper
248	100		
250	59.5	76.0	114.0#
141	0.0	61.5	92.3#



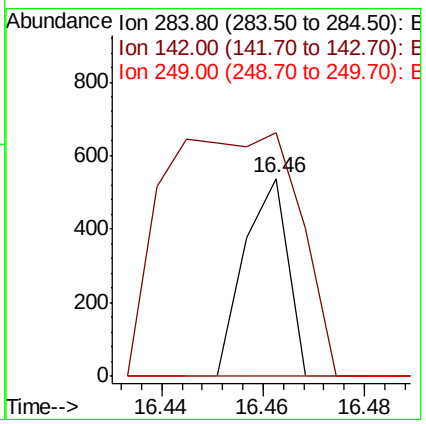


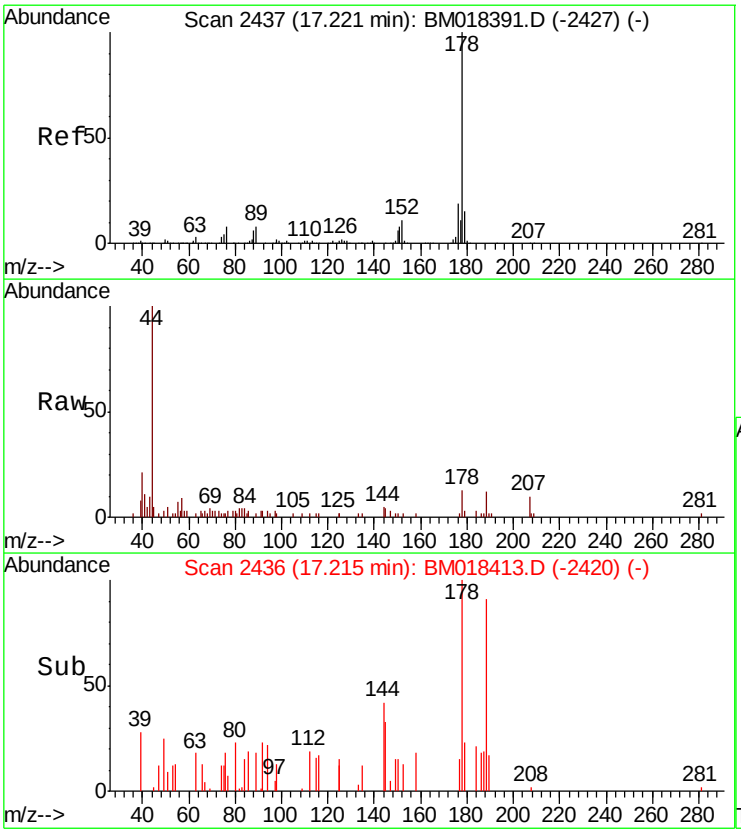
#68
Hexachlorobenzene
Concen: 0.011 ng
RT: 16.46 min Scan# 2308
Delta R.T. -0.01 min
Lab File: BM018413.D
Acq: 28 Dec 2018 01:16

Instrument :
BNA_M
ClientSampleId :
381218011-4

Tgt Ion:284 Resp: 322

Ion	Ratio	Lower	Upper
284	100		
142	123.0	29.2	43.8#
249	0.0	26.1	39.1#

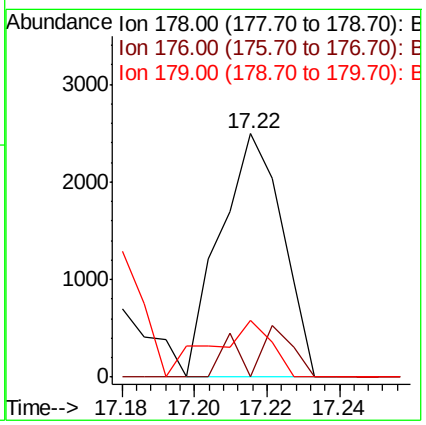


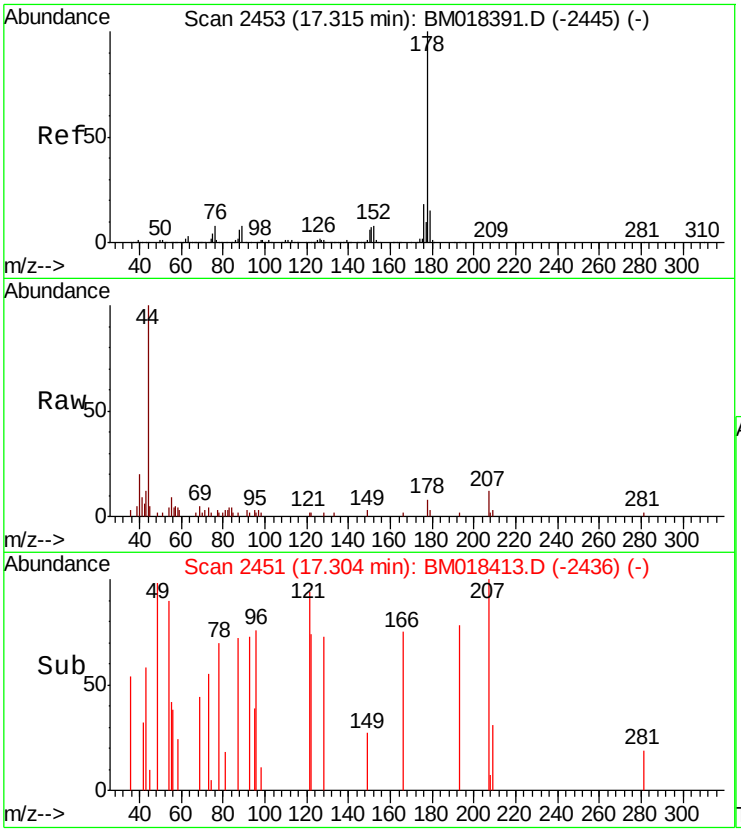


#71
Phenanthrene
Concen: 0.023 ng
RT: 17.22 min Scan# 2436
Delta R.T. -0.01 min
Lab File: BM018413.D
Acq: 28 Dec 2018 01:16

Tgt Ion:178 Resp: 2968

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.4	23.0#
179	23.4	12.2	18.4#



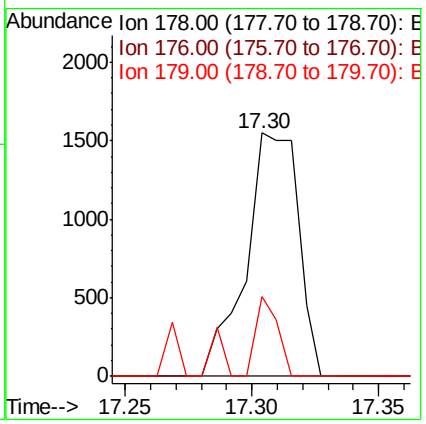


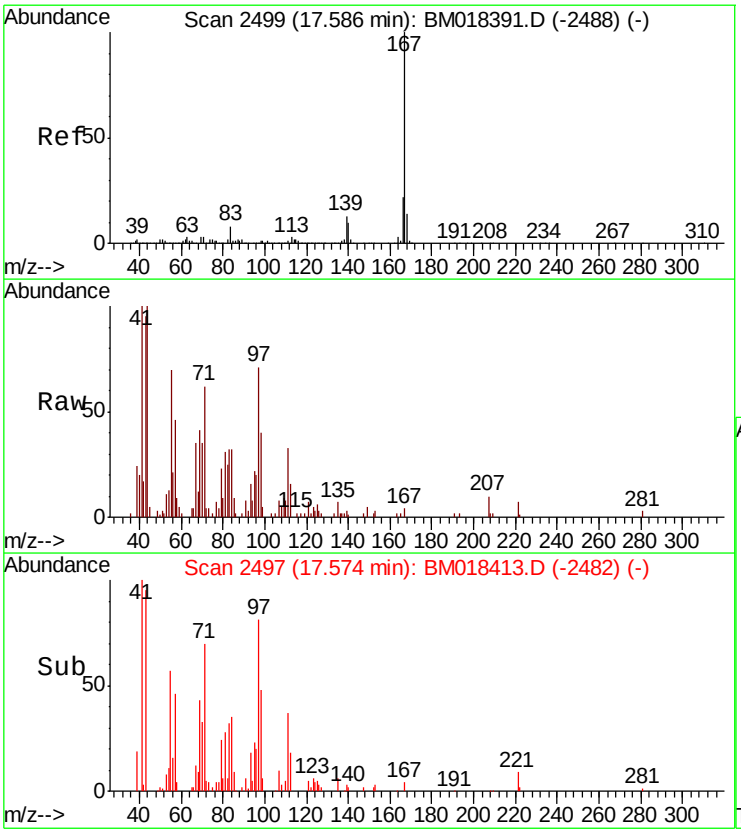
#72
Anthracene
Concen: 0.017 ng
RT: 17.30 min Scan# 2451
Delta R.T. -0.01 min
Lab File: BM018413.D
Acq: 28 Dec 2018 01:16

Instrument :
BNA_M
ClientSampleId :
381218011-4

Tgt Ion:178 Resp: 2227

Ion	Ratio	Lower	Upper
178	100		
176	0.0	14.7	22.1#
179	32.8	12.2	18.4#

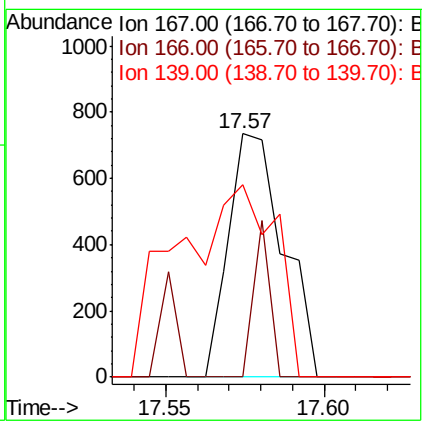


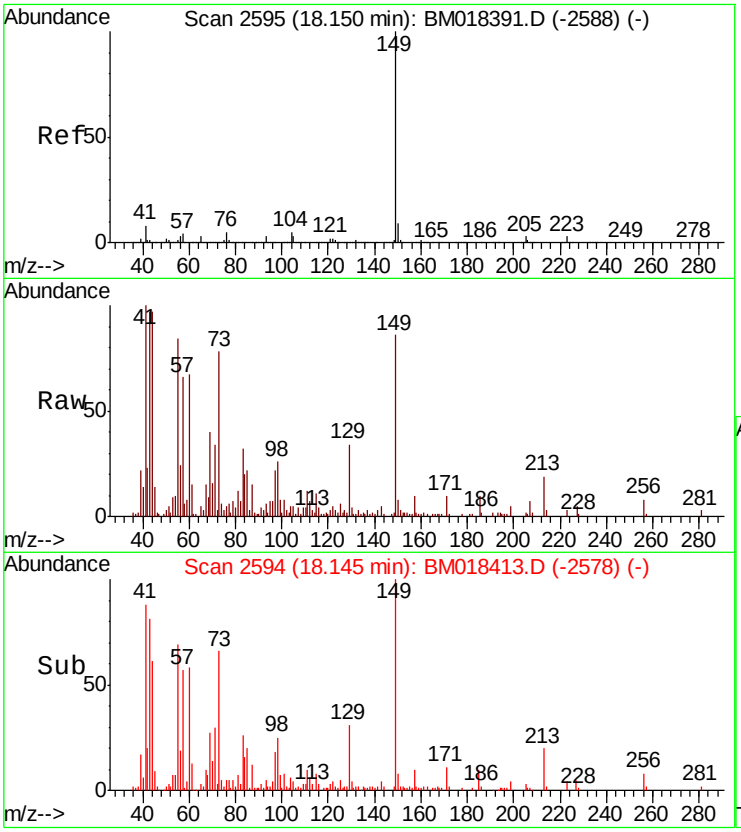


#73
Carbazole
Concen: 0.006 ng
RT: 17.57 min Scan# 2497
Delta R.T. -0.01 min
Lab File: BM018413.D
Acq: 28 Dec 2018 01:16

Tgt Ion:167 Resp: 882

Ion	Ratio	Lower	Upper
167	100		
166	0.0	17.4	26.2#
139	78.8	10.6	16.0#



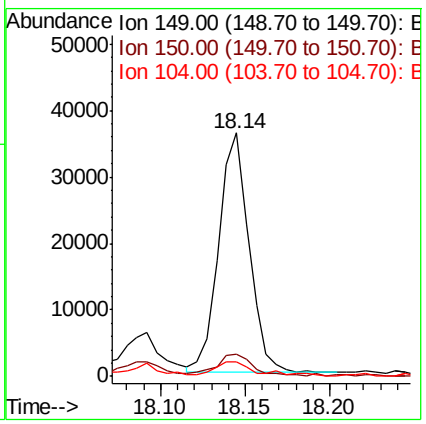


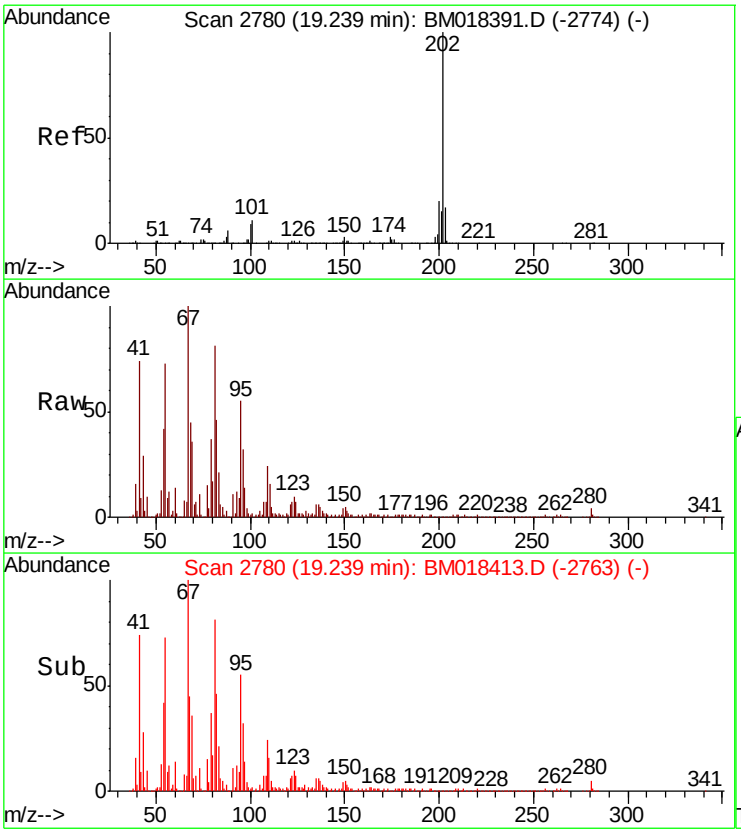
#74
Di-n-butylphthalate
Concen: 0.291 ng
RT: 18.14 min Scan# 2594
Delta R.T. -0.01 min
Lab File: BM018413.D
Acq: 28 Dec 2018 01:16

Instrument :
BNA_M
ClientSampleId :
381218011-4

Tgt Ion:149 Resp: 45421

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.3	10.9
104	5.7	4.2	6.4

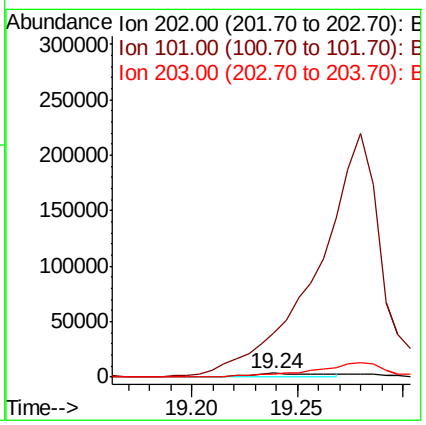


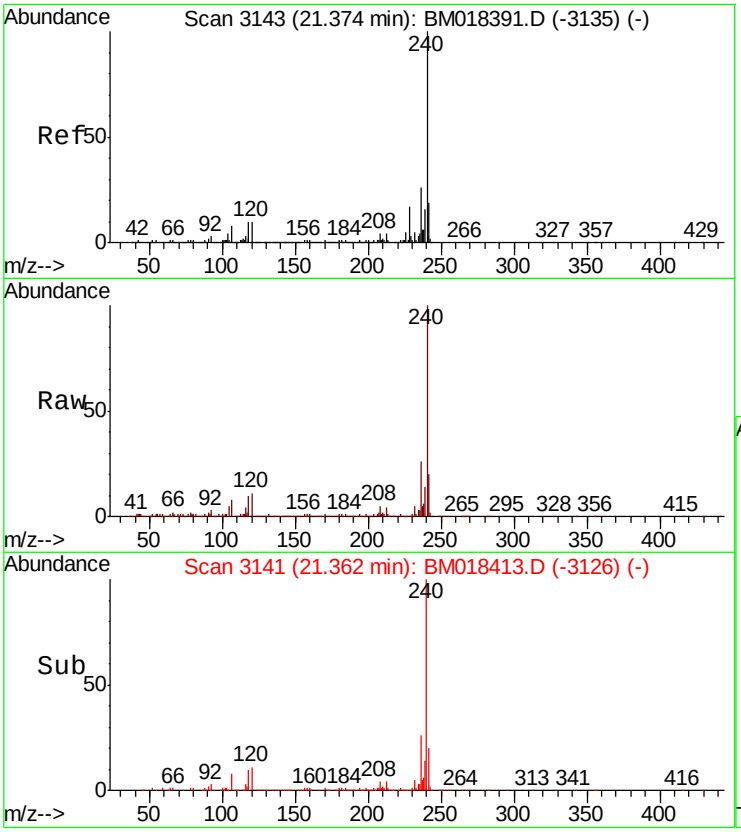


#75
Fluoranthene
Concen: 0.054 ng
RT: 19.24 min Scan# 2780
Delta R.T. 0.00 min
Lab File: BM018413.D
Acq: 28 Dec 2018 01:16

Tgt Ion:202 Resp: 8440

Ion	Ratio	Lower	Upper
202	100		
101	1116.8	0.0	30.9#
203	69.0	0.0	37.4#



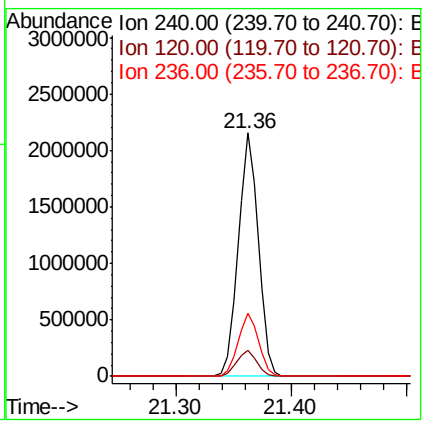


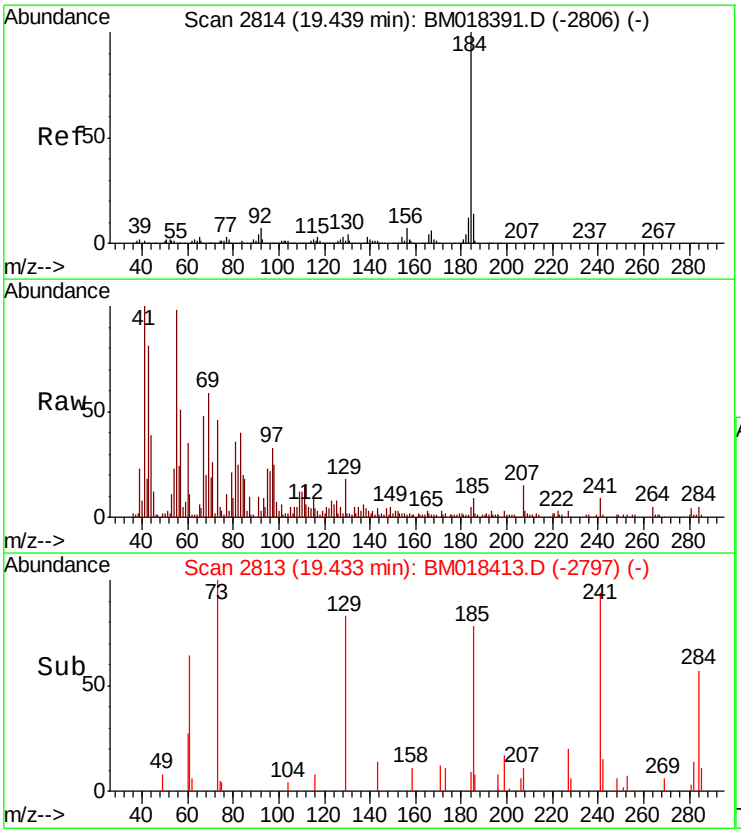
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.36 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BM018413.D
Acq: 28 Dec 2018 01:16

Instrument :
BNA_M
ClientSampleId :
381218011-4

Tgt Ion:240 Resp: 2591560

Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.4	12.6
236	26.1	20.7	31.1

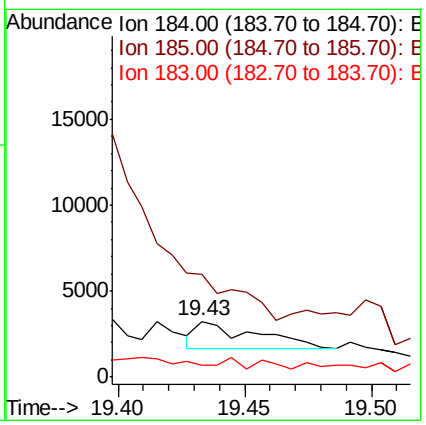


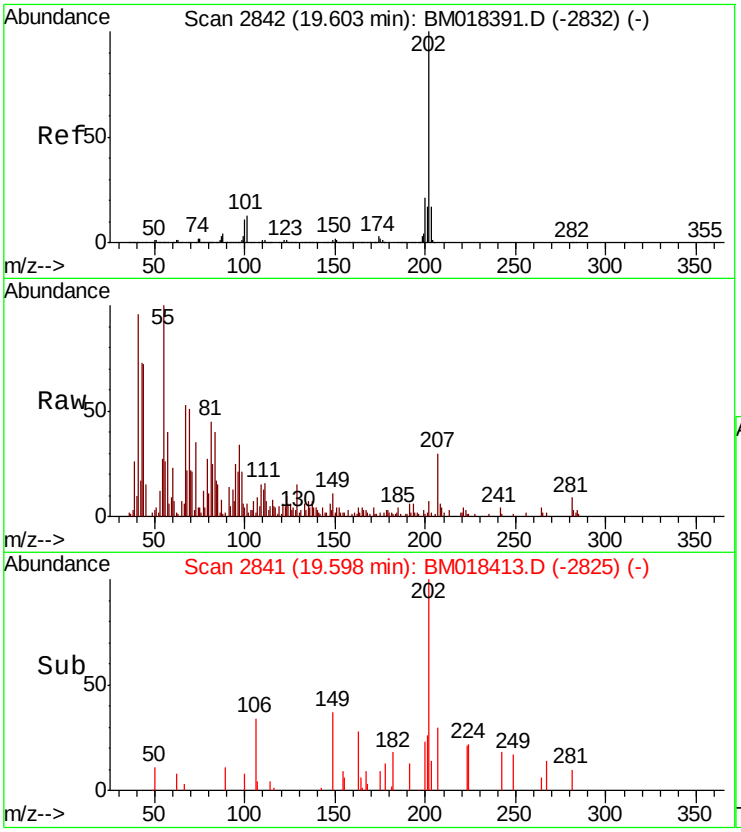


#77
Benzidine
Concen: 0.035 ng
RT: 19.43 min Scan# 2813
Delta R.T. -0.01 min
Lab File: BM018413.D
Acq: 28 Dec 2018 01:16

Tgt Ion:184 Resp: 2628

Ion	Ratio	Lower	Upper
184	100		
185	184.0	11.4	17.0#
183	22.0	9.5	14.3#



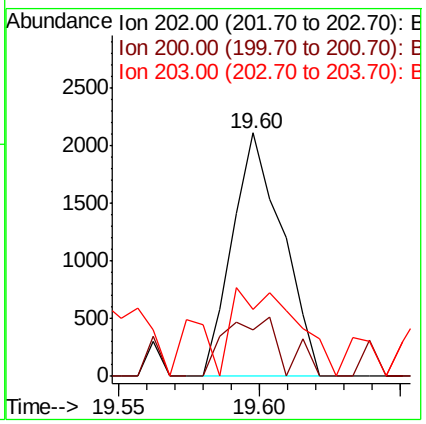


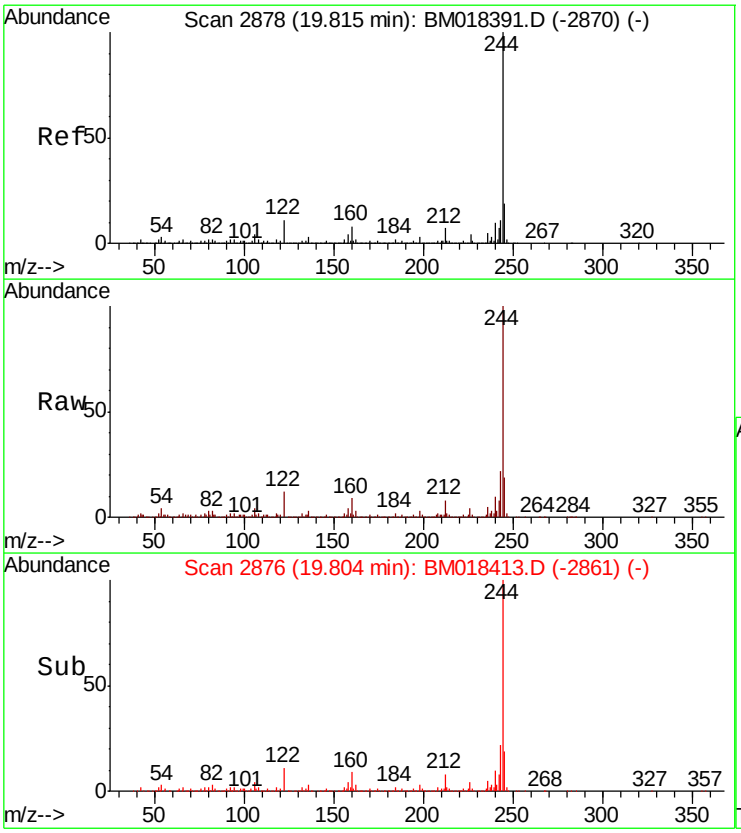
#78
Pyrene
Concen: 0.017 ng
RT: 19.60 min Scan# 2841
Delta R.T. -0.01 min
Lab File: BM018413.D
Acq: 28 Dec 2018 01:16

Instrument :
BNA_M
ClientSampleId :
381218011-4

Tgt Ion:202 Resp: 2601

Ion	Ratio	Lower	Upper
202	100		
200	19.1	16.6	24.8
203	27.8	13.8	20.8#

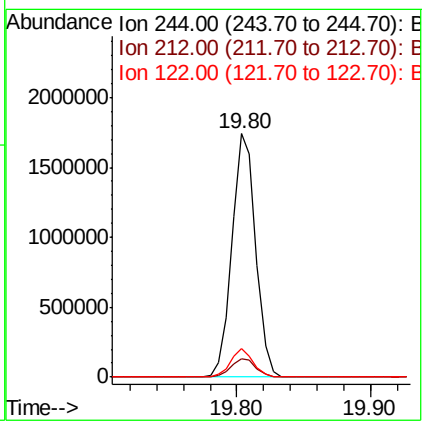


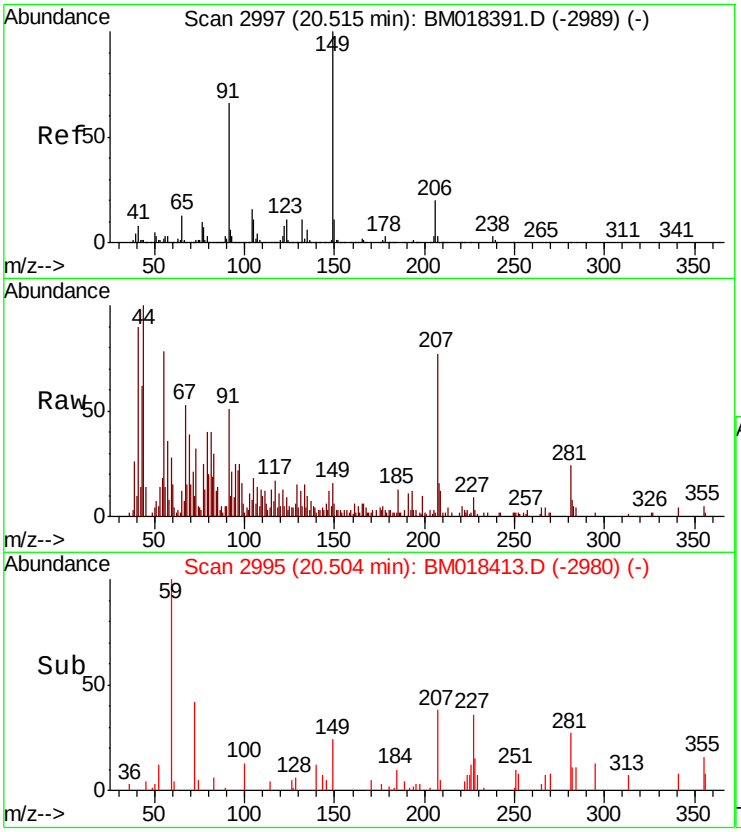


#79
Terphenyl-d14
Concen: 17.694 ng
RT: 19.80 min Scan# 2876
Delta R.T. -0.01 min
Lab File: BM018413.D
Acq: 28 Dec 2018 01:16

Tgt Ion:244 Resp: 2151956

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.9	8.9
122	11.5	9.0	13.4



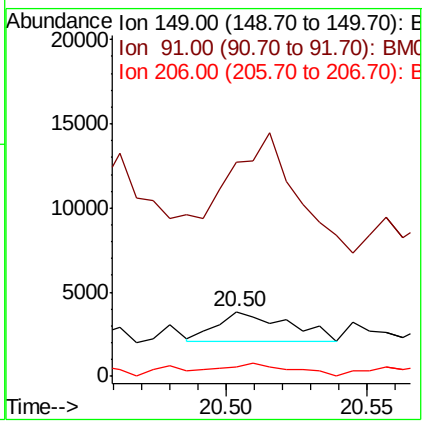


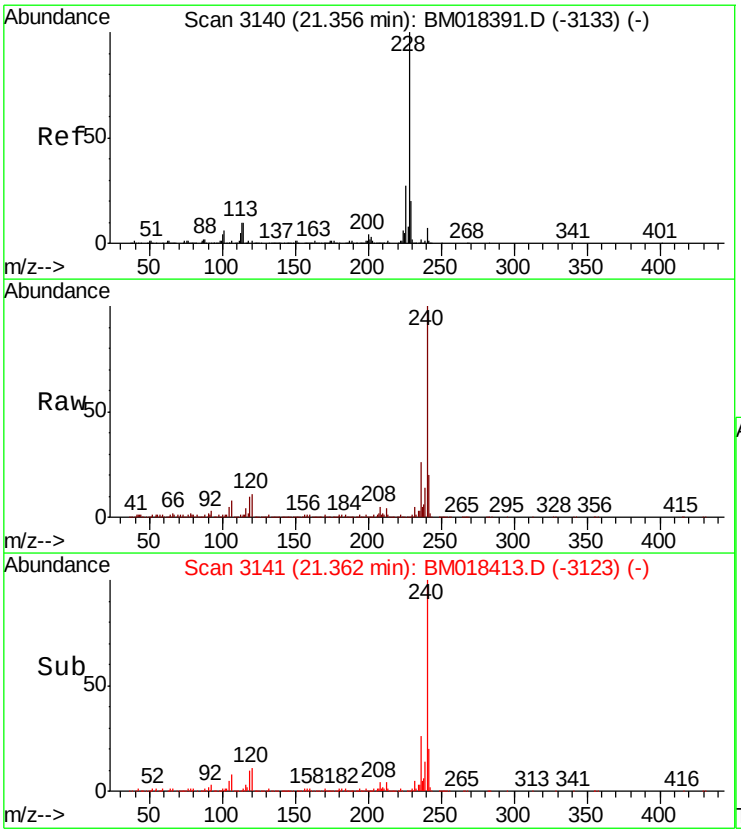
#80
Butylbenzylphthalate
Concen: 6.673 ng
RT: 20.50 min Scan# 2995
Delta R.T. -0.01 min
Lab File: BM018413.D
Acq: 28 Dec 2018 01:16

Instrument :
BNA_M
ClientSampleId :
381218011-4

Tgt Ion:149 Resp: 3098

Ion	Ratio	Lower	Upper
149	100		
91	329.8	53.1	79.7#
206	14.2	16.2	24.4#

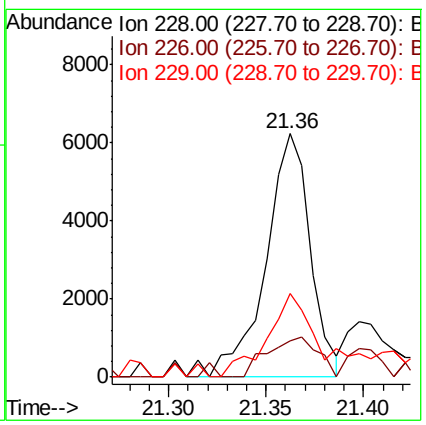


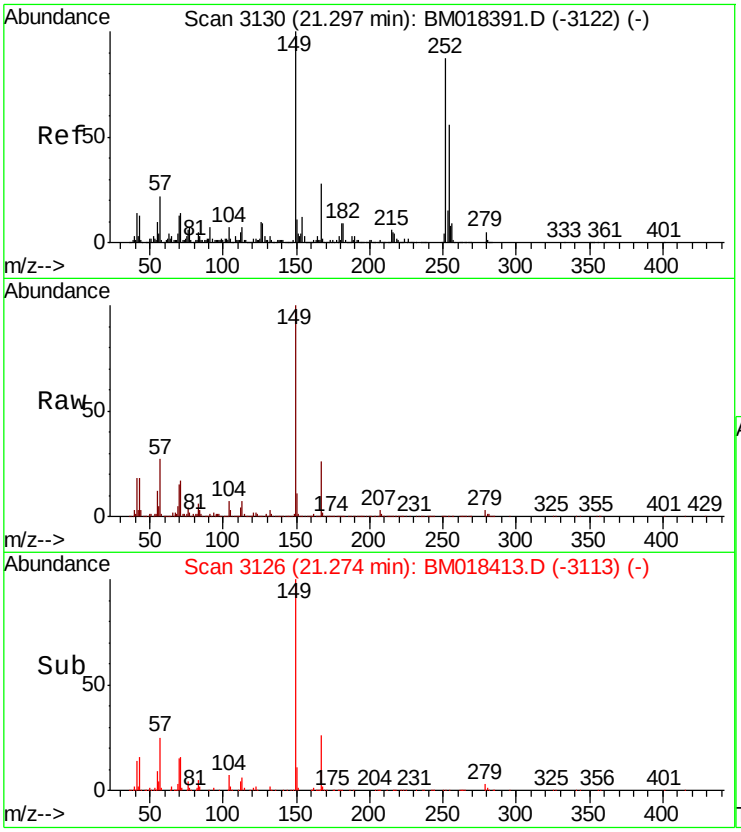


#81
Benzo(a)anthracene
Concen: 0.065 ng
RT: 21.36 min Scan# 3141
Delta R.T. 0.01 min
Lab File: BM018413.D
Acq: 28 Dec 2018 01:16

Tgt Ion:228 Resp: 9951

Ion	Ratio	Lower	Upper
228	100		
226	14.8	21.8	32.6#
229	34.1	15.8	23.8#



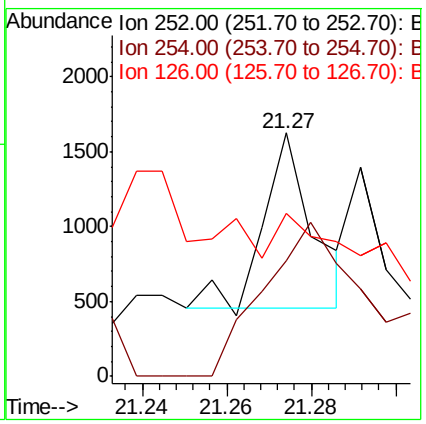


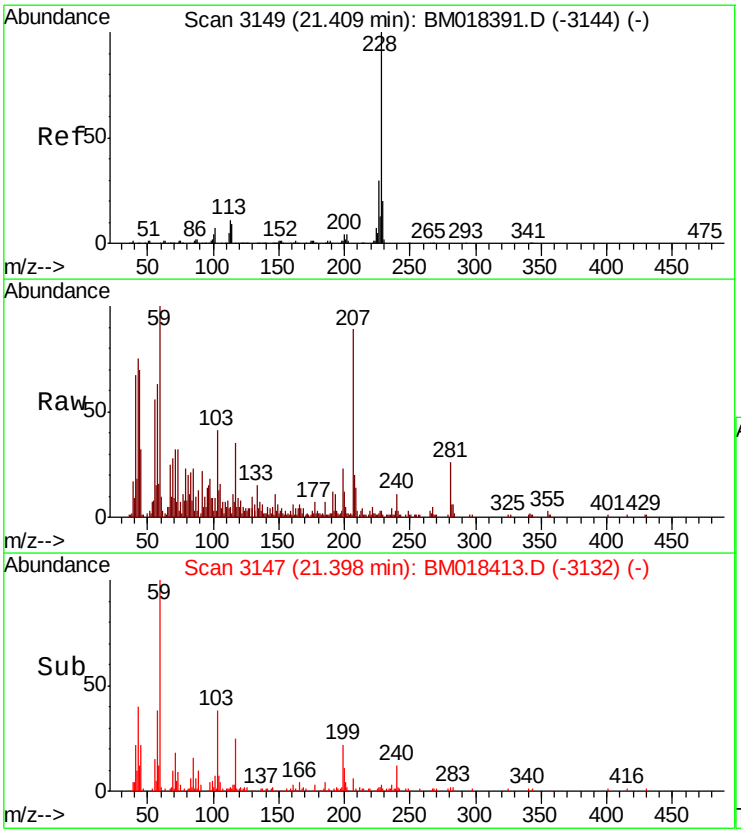
#82
3,3'-Dichlorobenzidine
Concen: 0.016 ng
RT: 21.27 min Scan# 3126
Delta R.T. -0.02 min
Lab File: BM018413.D
Acq: 28 Dec 2018 01:16

Instrument :
BNA_M
ClientSampleId :
381218011-4

Tgt Ion:252 Resp: 955

Ion	Ratio	Lower	Upper
252	100		
254	47.5	51.4	77.0#
126	66.9	8.7	13.1#

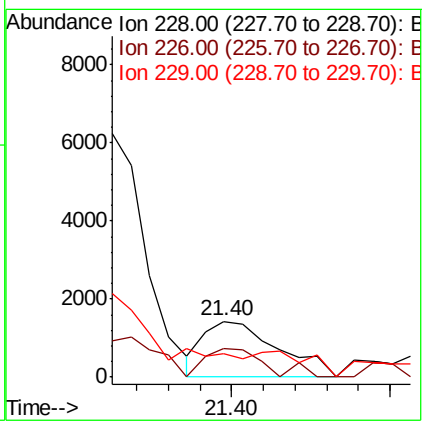


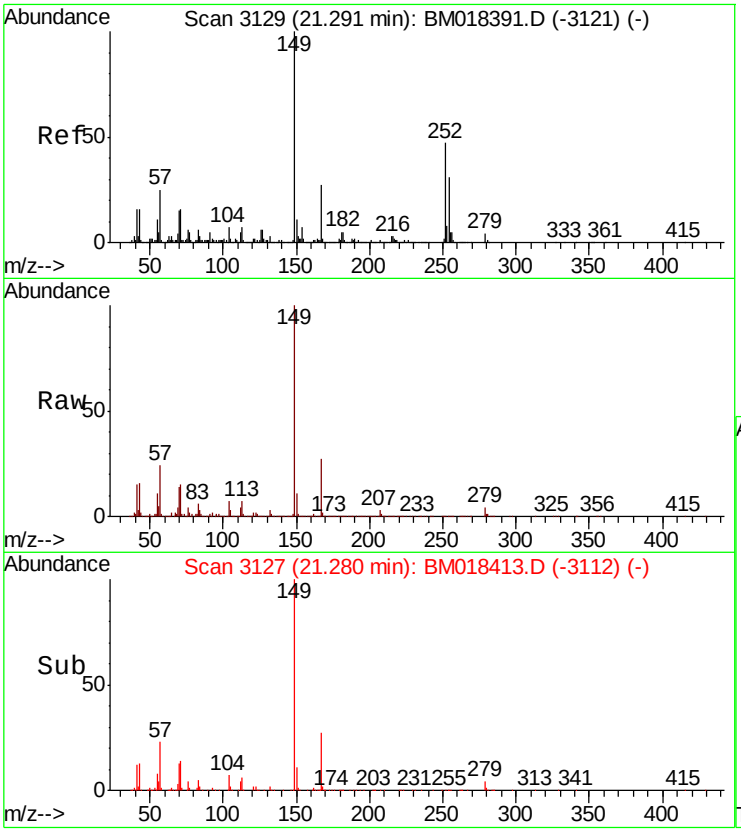


#83
Chrysene
Concen: 0.016 ng
RT: 21.40 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BM018413.D
Acq: 28 Dec 2018 01:16

Tgt Ion:228 Resp: 2323

Ion	Ratio	Lower	Upper
228	100		
226	50.9	24.2	36.2#
229	40.9	15.6	23.4#



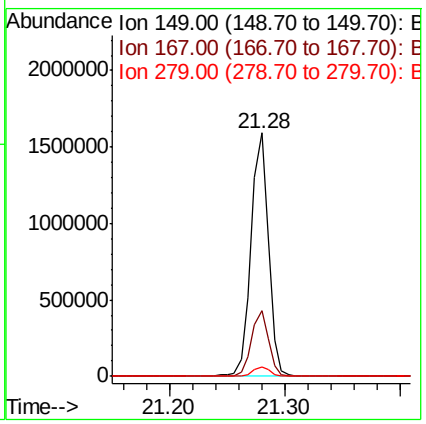


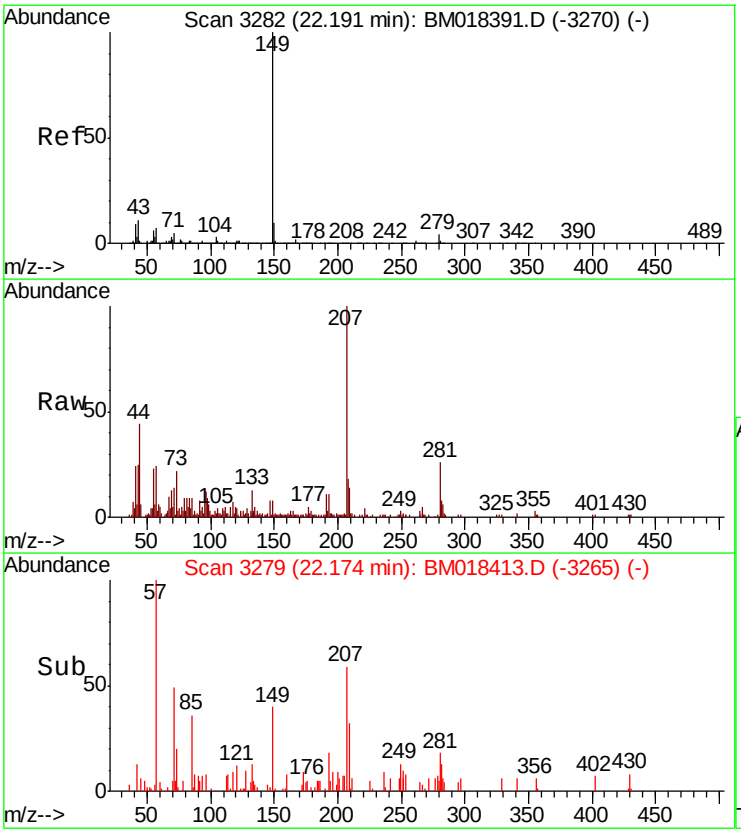
#84
Bis(2-ethylhexyl)phthalate
Concen: 16.423 ng
RT: 21.28 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BM018413.D
Acq: 28 Dec 2018 01:16

Instrument :
BNA_M
ClientSampleId :
381218011-4

Tgt Ion:149 Resp: 1665379

Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.6	32.4
279	4.0	3.3	4.9

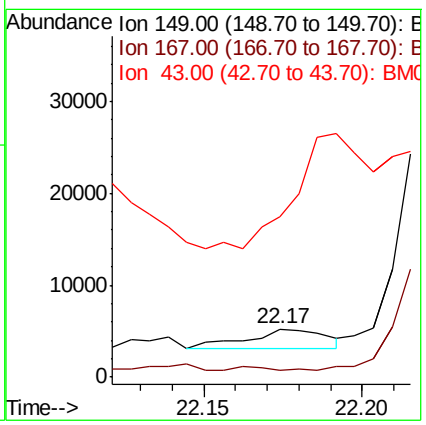


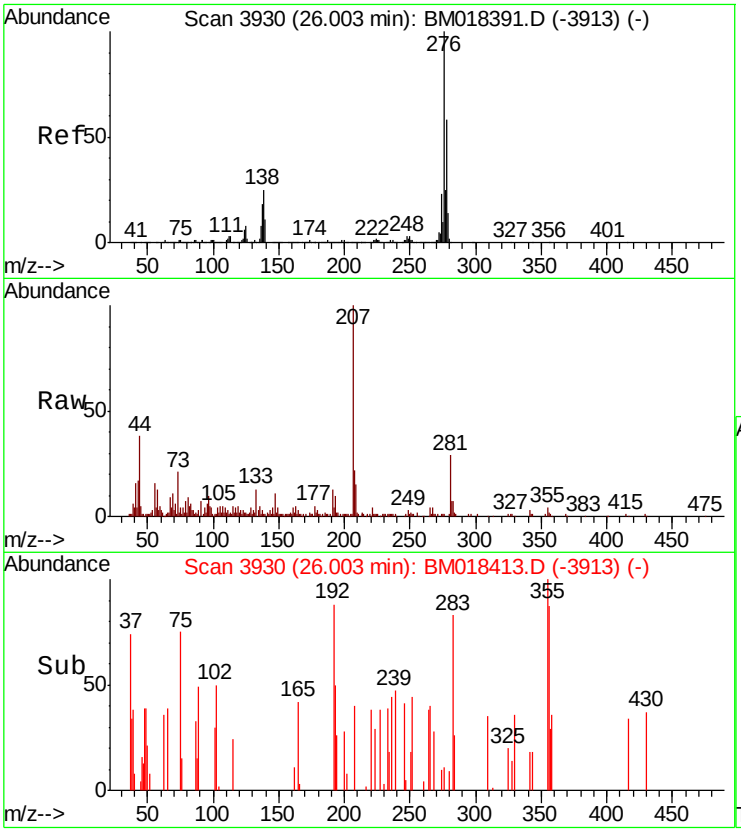


#85
Di-n-octyl phthalate
Concen: 0.022 ng
RT: 22.17 min Scan# 3279
Delta R.T. -0.02 min
Lab File: BM018413.D
Acq: 28 Dec 2018 01:16

Tgt Ion:149 Resp: 3757

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.3	1.9#
43	521.3	8.6	12.8#



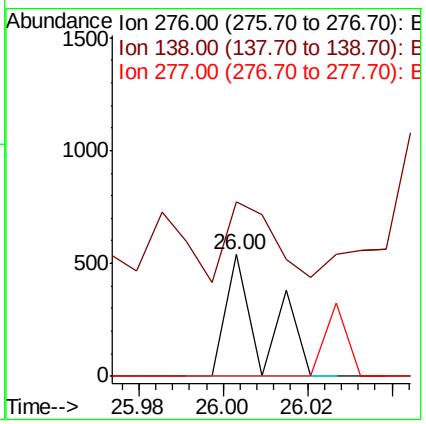


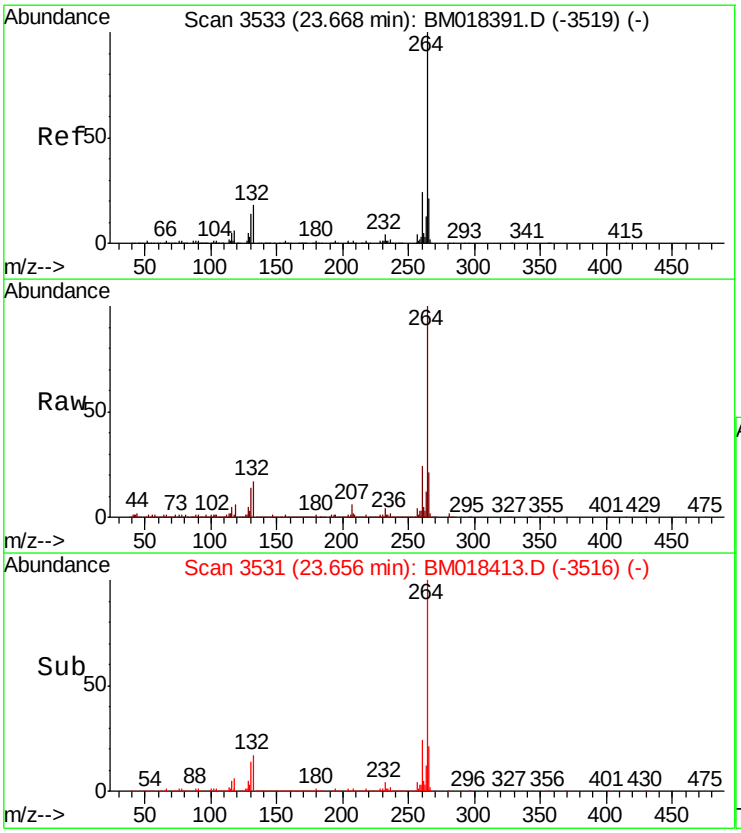
#86
Indeno(1,2,3-cd)pyrene
Concen: 0.002 ng
RT: 26.00 min Scan# 3930
Delta R.T. 0.00 min
Lab File: BM018413.D
Acq: 28 Dec 2018 01:16

Instrument :
BNA_M
ClientSampleId :
381218011-4

Tgt Ion:276 Resp: 325

Ion	Ratio	Lower	Upper
276	100		
138	85.8	21.5	32.3#
277	0.0	20.2	30.2#

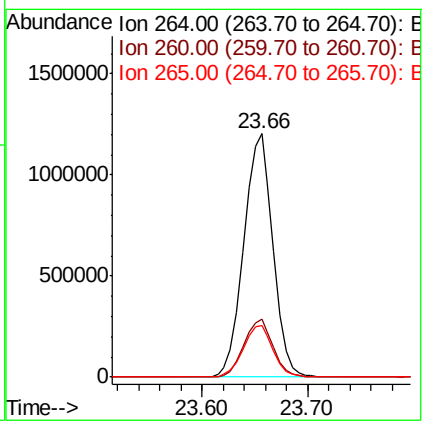


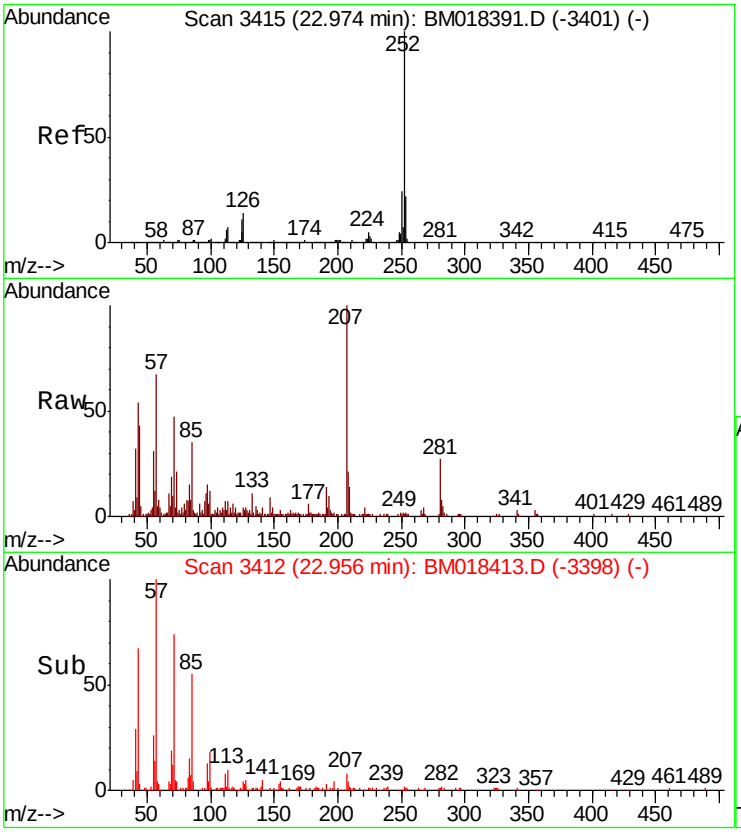


#87
Perylene-d12
Concen: 20.000 ng
RT: 23.66 min Scan# 3531
Delta R.T. -0.01 min
Lab File: BM018413.D
Acq: 28 Dec 2018 01:16

Tgt Ion:264 Resp: 2309944

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.9	28.3
265	21.5	16.8	25.2



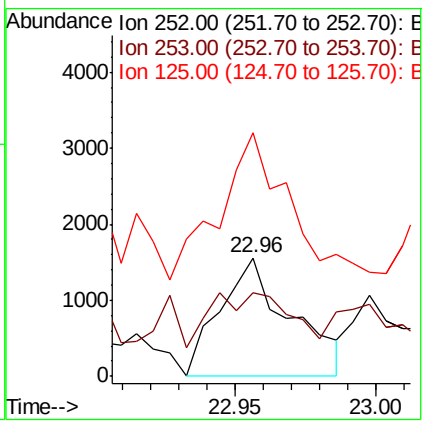


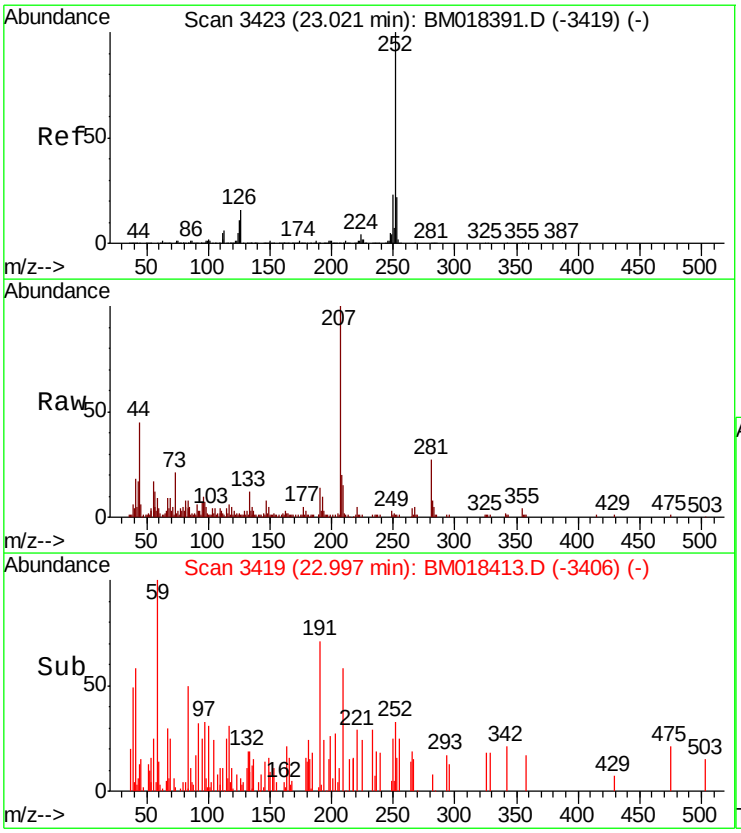
#88
Benzo(b)fluoranthene
Concen: 0.021 ng
RT: 22.96 min Scan# 3412
Delta R.T. -0.02 min
Lab File: BM018413.D
Acq: 28 Dec 2018 01:16

Instrument :
BNA_M
ClientSampleId :
381218011-4

Tgt Ion:252 Resp: 2720

Ion	Ratio	Lower	Upper
252	100		
253	70.7	17.6	26.4#
125	205.9	8.5	12.7#

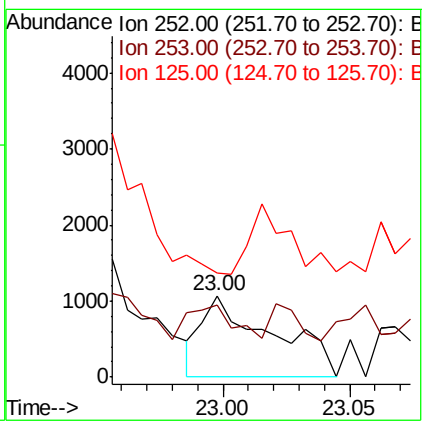


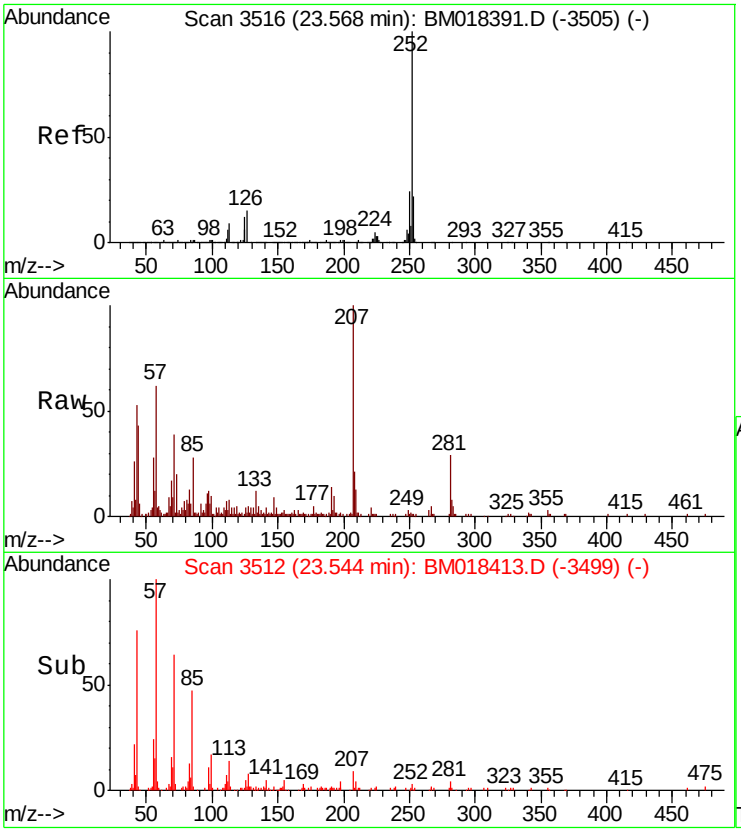


#89
Benzo(k)fluoranthene
Concen: 0.016 ng
RT: 23.00 min Scan# 3419
Delta R.T. -0.02 min
Lab File: BM018413.D
Acq: 28 Dec 2018 01:16

Tgt Ion:252 Resp: 2069

Ion	Ratio	Lower	Upper
252	100		
253	89.0	17.4	26.0#
125	127.4	8.6	12.8#



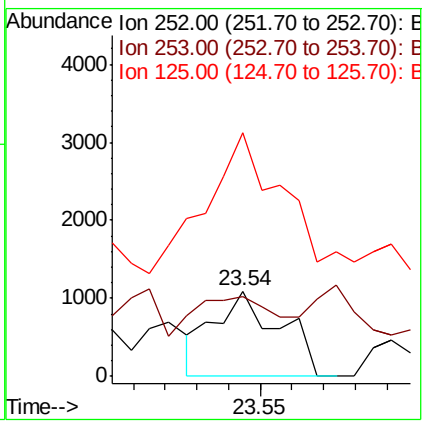


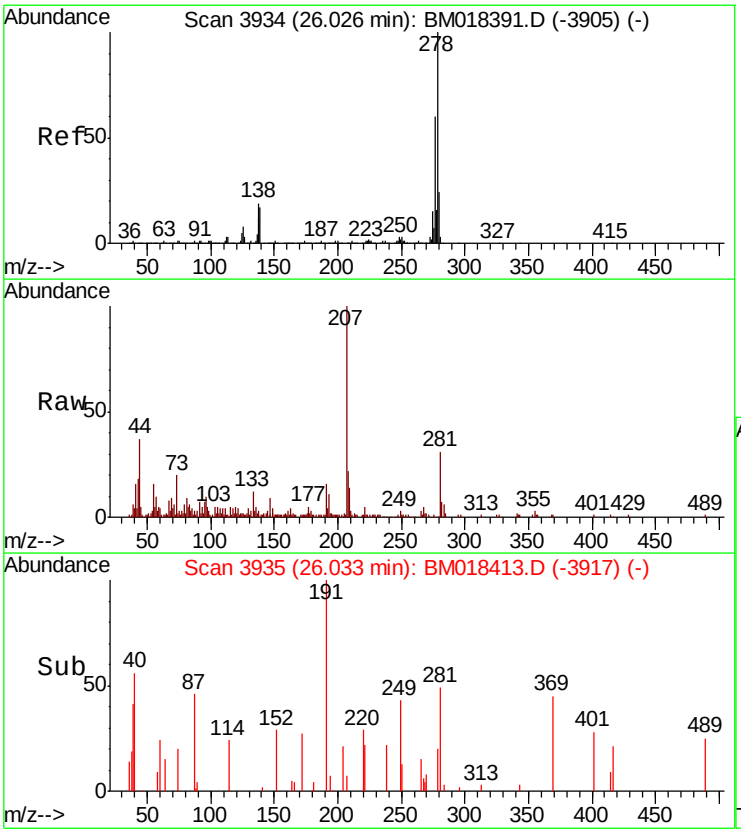
#90
Benzo(a)pyrene
Concen: 0.013 ng
RT: 23.54 min Scan# 3512
Delta R.T. -0.02 min
Lab File: BM018413.D
Acq: 28 Dec 2018 01:16

Instrument :
BNA_M
ClientSampleId :
381218011-4

Tgt Ion:252 Resp: 1560

Ion	Ratio	Lower	Upper
252	100		
253	94.2	17.5	26.3#
125	286.9	9.7	14.5#

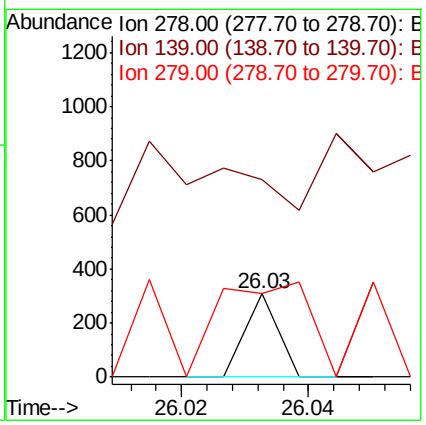


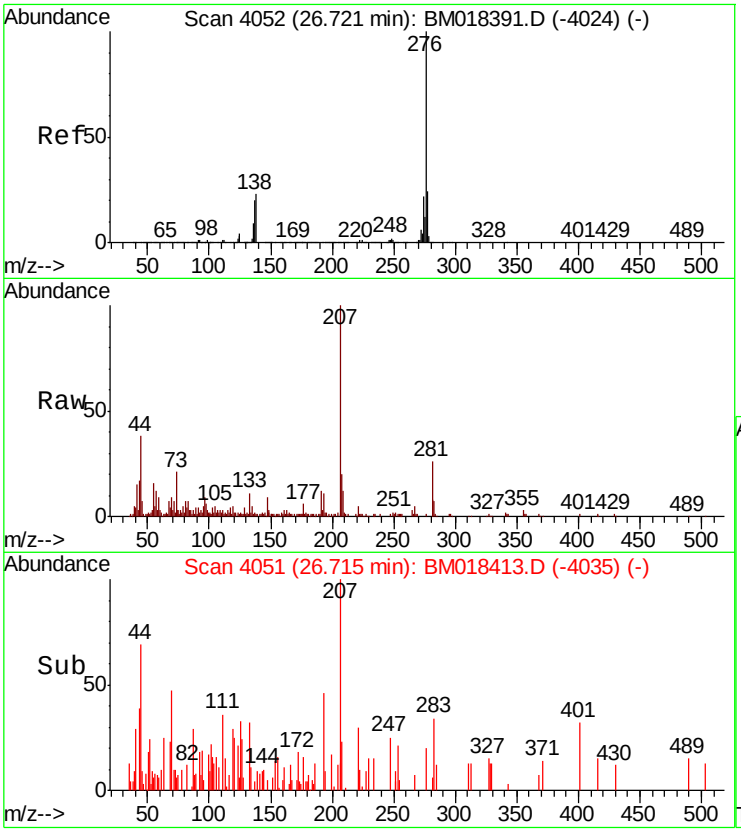


#91
Dibenzo(a,h)anthracene
Concen: 0.001 ng
RT: 26.03 min Scan# 3935
Delta R.T. 0.01 min
Lab File: BM018413.D
Acq: 28 Dec 2018 01:16

Tgt Ion:278 Resp: 109

Ion	Ratio	Lower	Upper
278	100		
139	236.9	13.2	19.8#
279	100.6	19.0	28.4#





#92
Benzo(g,h,i)perylene
Concen: 0.007 ng
RT: 26.71 min Scan# 4051
Delta R.T. -0.01 min
Lab File: BM018413.D
Acq: 28 Dec 2018 01:16

Instrument :
BNA_M
ClientSampleId :
381218011-4

Tgt Ion:276 Resp: 814

Ion	Ratio	Lower	Upper
276	100		
277	0.0	19.0	28.4#
138	105.1	18.1	27.1#