Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM083117\
Data File : BM011386.D
Acq On : 31 Aug 2017 23:45
Operator : SJ/JU
Sample : I4963-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Sep 01 05:10:16 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM083117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 31 18:39:59 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	535160	20.00	ng		0.00
21) Naphthalene-d8	10.80	136	2333190	20.00	ng		0.00
38) Acenaphthene-d10	14.62	164	1341088	20.00	ng		0.00
63) Phenanthrene-d10	17.36	188	2958045	20.00	ng		0.00
75) Chrysene-d12	21.52	240	3306366	20.00	ng		-0.01
86) Perylene-d12	23.90	264	2948164	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	2067957	65.04	ng		0.00
7) Phenol-d6	7.13	99	1651779	37.47	ng		0.00
23) Nitrobenzene-d5	9.15	82	3574193	100.95	ng		0.00
41) 2,4,6-Tribromophenol	16.10	330	2249020	144.95	ng		0.00
44) 2-Fluorobiphenyl	13.25	172	8954677	96.25	ng		0.00
78) Terphenyl-d14	19.97	244	11639258	87.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	1418	0.107	ng	#	100
3) Pyridine	3.83	79	434	0.011	ng	#	1
4) n-Nitrosodimethylamine	3.72	42	1943	0.094	ng	#	1
6) Aniline	7.32	93	2971	0.050	ng	#	64
8) 2-Chlorophenol	7.55	128	1449	0.039	ng	#	1
9) Benzaldehyde	7.14	77	3564	0.139	ng	#	13
10) Phenol	7.16	94	2377	0.049	ng	#	21
11) bis(2-Chloroethyl)ether	7.40	93	448	0.012	ng	#	1
14) 1,2-Dichlorobenzene	8.35	146	1226	0.029	ng	#	47
15) Benzyl Alcohol	8.19	79	1091	0.034	ng	#	14
16) 2,2'-oxybis(1-Chloropropan	8.53	45	1373	0.021	ng	#	1
17) 2-Methylphenol	8.43	107	628	0.020	ng	#	1
18) Hexachloroethane	9.09	117	315	0.021	ng	#	45
19) n-Nitroso-di-n-propylamine	8.79	70	1556	0.048	ng	#	1
20) 3+4-Methylphenols	8.75	107	1358	0.032	ng	#	43
22) Acetophenone	8.81	105	5299	0.091	ng	#	79
24) Nitrobenzene	9.22	77	305	0.008	ng	#	39
25) Isophorone	9.71	82	912	0.011	ng	#	62
27) 2,4-Dimethylphenol	9.99	122	952	0.026	ng	#	40
28) bis(2-Chloroethoxy)methane	10.22	93	423	0.008	ng	#	1
31) Naphthalene	10.85	128	1563	0.012	ng	#	69
32) Benzoic acid	9.99	122	952	6.573	ng	#	66
33) 4-Chloroaniline	10.96	127	498	0.009	ng	#	32
35) Caprolactam	11.73	113	109	0.009	ng	#	1
36) 4-Chloro-3-methylphenol	12.06	107	1318	0.032	ng	#	56
37) 2-Methylnaphthalene	12.45	142	176	0.002	ng	#	10
45) 1,1'-Biphenyl	13.46	154	12377	0.104	ng		92
47) 2-Nitroaniline	13.70	65	553	5.455	ng	#	1
48) Acenaphthylene	14.35	152	828	0.006	ng	#	43
49) Dimethylphthalate	14.06	163	402	0.004	ng	#	77
50) 2,6-Dinitrotoluene	14.15	165	1009	0.050	ng	#	24
51) Acenaphthene	14.68	154	415	0.005	ng	#	61
54) Dibenzofuran	15.02	168	361	0.003	ng	#	21
55) 4-Nitrophenol	14.81	139	727	0.036	ng	#	76

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM083117\
Data File : BM011386.D
Acq On : 31 Aug 2017 23:45
Operator : SJ/JU
Sample : I4963-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Sep 01 05:10:16 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM083117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 31 18:39:59 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
56) 2,4-Dinitrotoluene	14.98	165	107	5.142	ng	#	56
57) Fluorene	15.67	166	697	0.006	ng	#	86
59) Diethylphthalate	15.43	149	7664	0.070	ng	#	84
61) 4-Nitroaniline	15.62	138	127	0.005	ng	#	21
62) Azobenzene	15.96	77	819	0.008	ng	#	33
70) Phenanthrene	17.40	178	3070	0.019	ng	#	63
71) Anthracene	17.49	178	1833	0.011	ng	#	50
72) Carbazole	17.75	167	1964	0.012	ng	#	41
73) Di-n-butylphthalate	18.32	149	12209	0.066	ng	#	87
74) Fluoranthene	19.41	202	2764	0.015	ng		62
76) Benzidine	19.63	184	108	0.002	ng	#	68
77) Pyrene	19.76	202	2199	0.011	ng	#	78
79) Butylbenzylphthalate	20.66	149	695	0.008	ng	#	56
80) Benzo(a)anthracene	21.52	228	10202	0.055	ng	#	70
81) 3,3'-Dichlorobenzidine	21.45	252	279	0.004	ng	#	8
82) Chrysene	21.56	228	1827	0.010	ng	#	45
83) Bis(2-ethylhexyl)phthalate	21.43	149	22272	0.170	ng	#	99
84) Di-n-octyl phthalate	22.36	149	723	0.003	ng	#	1
85) Indeno(1,2,3-cd)pyrene	26.36	276	246	0.002	ng	#	1
87) Benzo(b)fluoranthene	23.17	252	1582	0.009	ng	#	1
88) Benzo(k)fluoranthene	23.28	252	854	0.005	ng	#	1
89) Benzo(a)pyrene	23.80	252	956	0.006	ng	#	1
90) Dibenzo(a,h)anthracene	26.32	278	110	0.001	ng	#	1
91) Benzo(g,h,i)perylene	27.10	276	349	0.003	ng	#	52

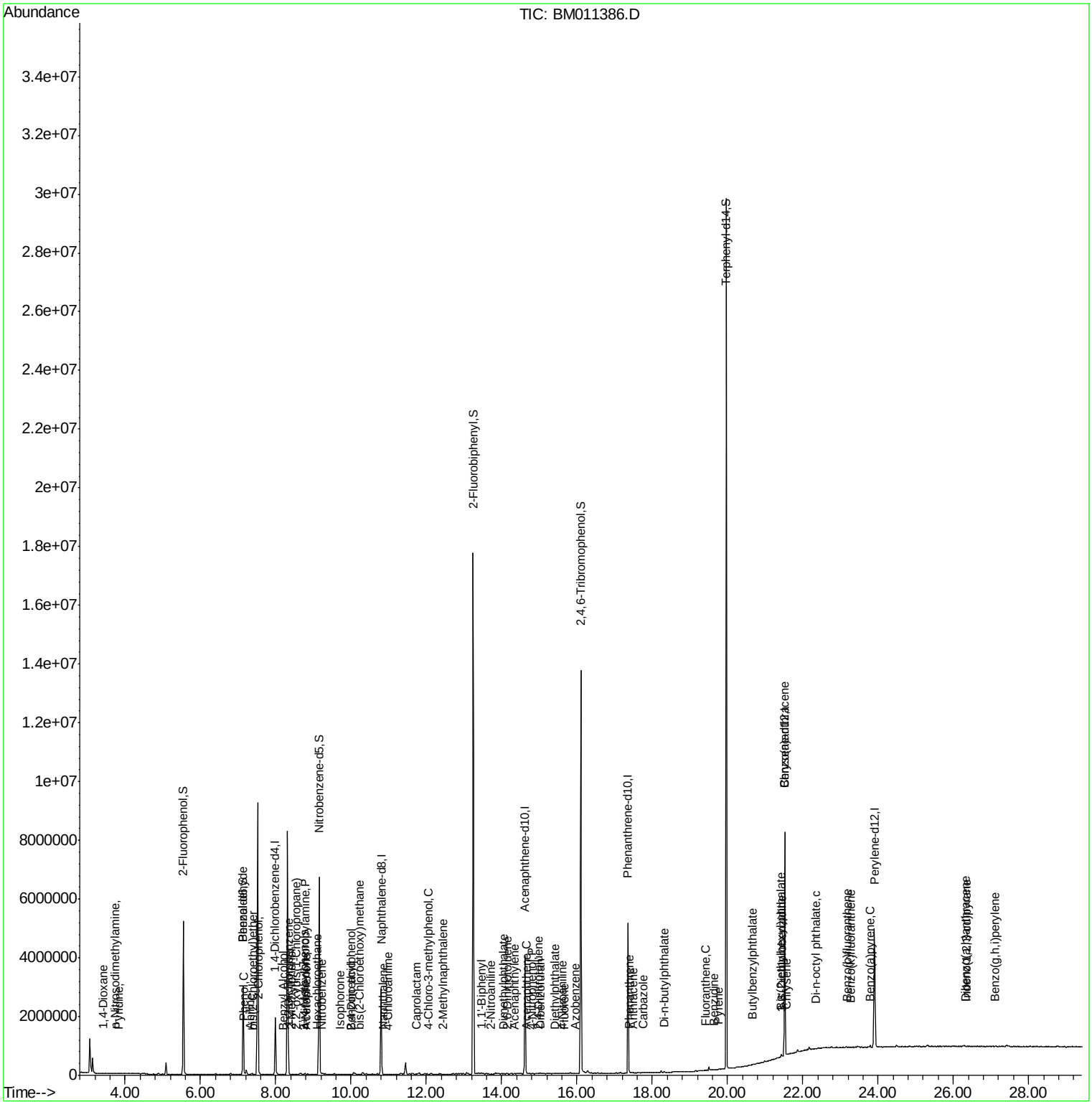
(#) = qualifier out of range (m) = manual integration (+) = signals summed

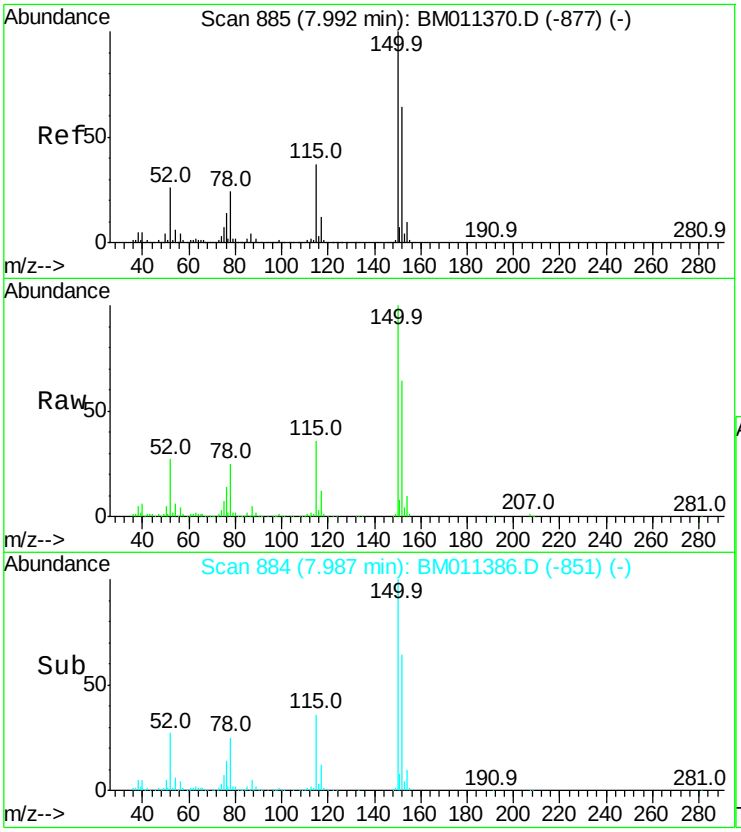
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM083117\
Data File : BM011386.D
Acq On : 31 Aug 2017 23:45
Operator : SJ/JU
Sample : I4963-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Sep 01 05:10:16 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM083117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 31 18:39:59 2017
Response via : Initial Calibration



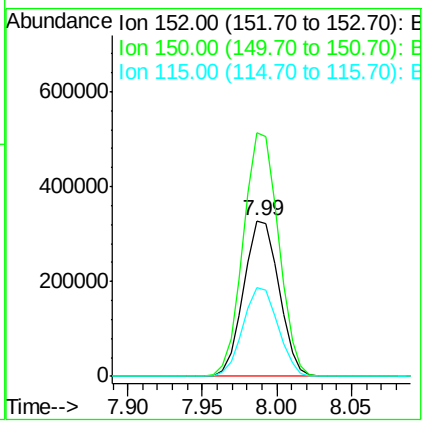


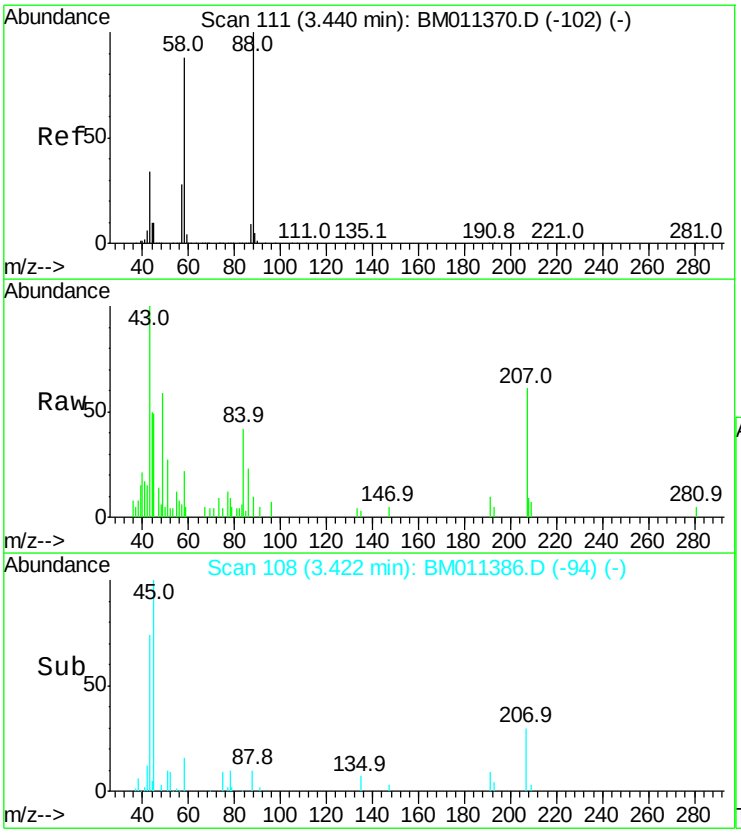
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 884
Delta R.T. -0.01 min
Lab File: BM011386.D
Acq: 31 Aug 2017 23:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 535160

Ion	Ratio	Lower	Upper
152	100		
150	156.6	119.5	179.3
115	56.9	43.0	64.4

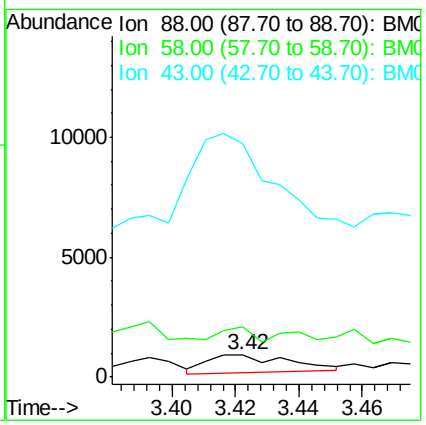


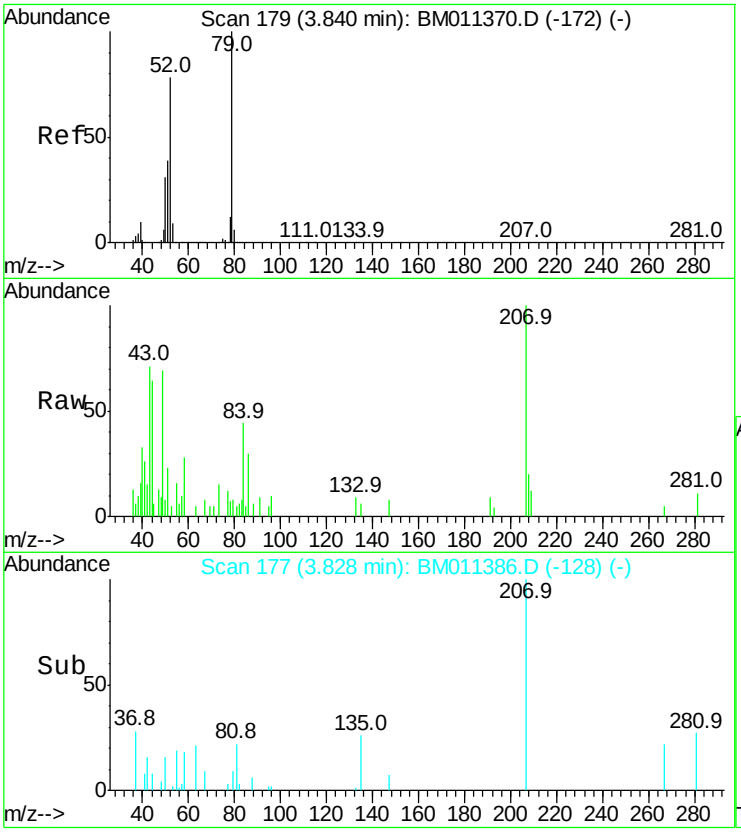


#2
1,4-Dioxane
Concen: 0.107 ng
RT: 3.42 min Scan# 108
Delta R.T. -0.02 min
Lab File: BM011386.D
Acq: 31 Aug 2017 23:45

Tgt Ion: 88 Resp: 1418

Ion	Ratio	Lower	Upper
88	100		
58	30.7	0.0	0.0#
43	745.1	0.0	0.0#



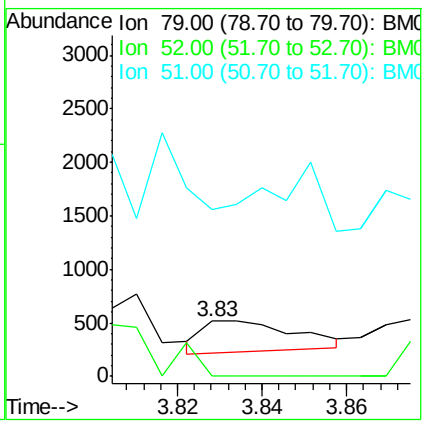


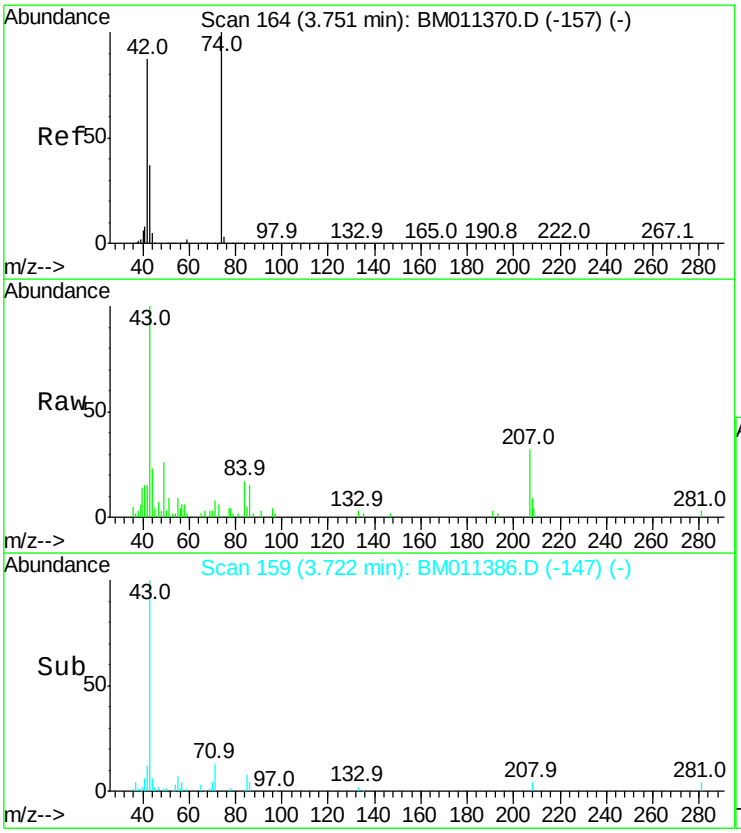
#3
Pyridine
Concen: 0.011 ng
RT: 3.83 min Scan# 177
Delta R.T. -0.01 min
Lab File: BM011386.D
Acq: 31 Aug 2017 23:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 79 Resp: 434

Ion	Ratio	Lower	Upper
79	100		
52	0.0	51.1	76.7#
51	300.6	26.1	39.1#

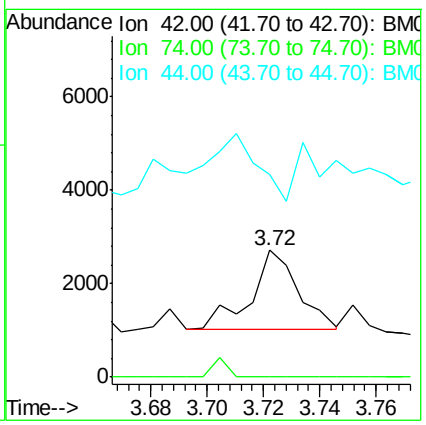


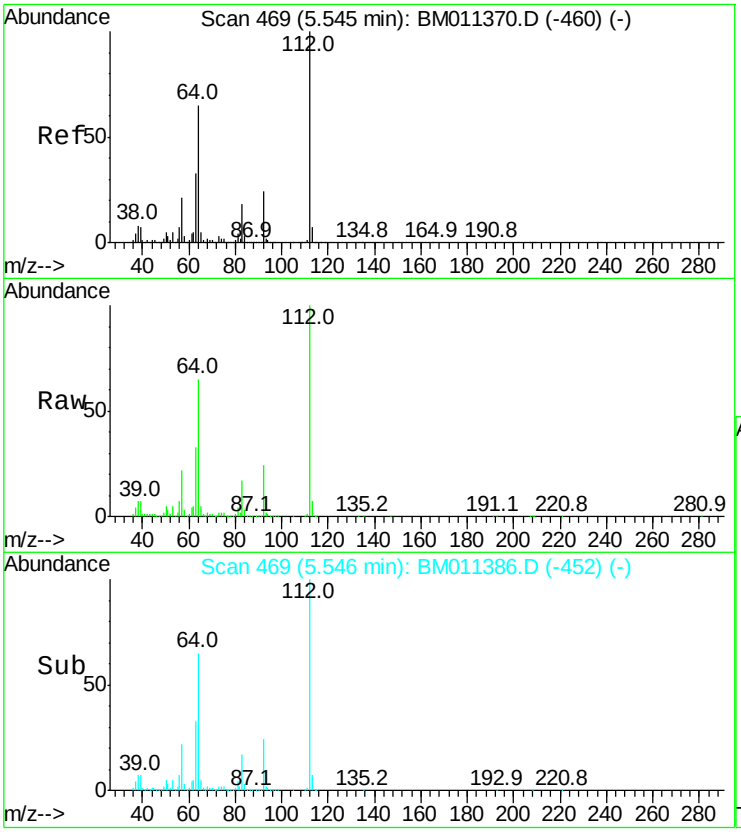


#4
n-Nitrosodimethylamine
Concen: 0.094 ng
RT: 3.72 min Scan# 159
Delta R.T. -0.03 min
Lab File: BM011386.D
Acq: 31 Aug 2017 23:45

Tgt Ion: 42 Resp: 1943

Ion	Ratio	Lower	Upper
42	100		
74	0.0	119.3	178.9#
44	159.4	5.4	8.2#



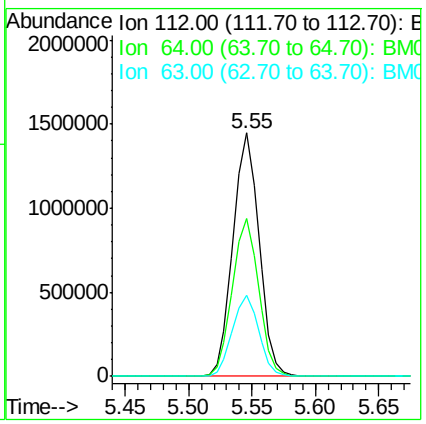


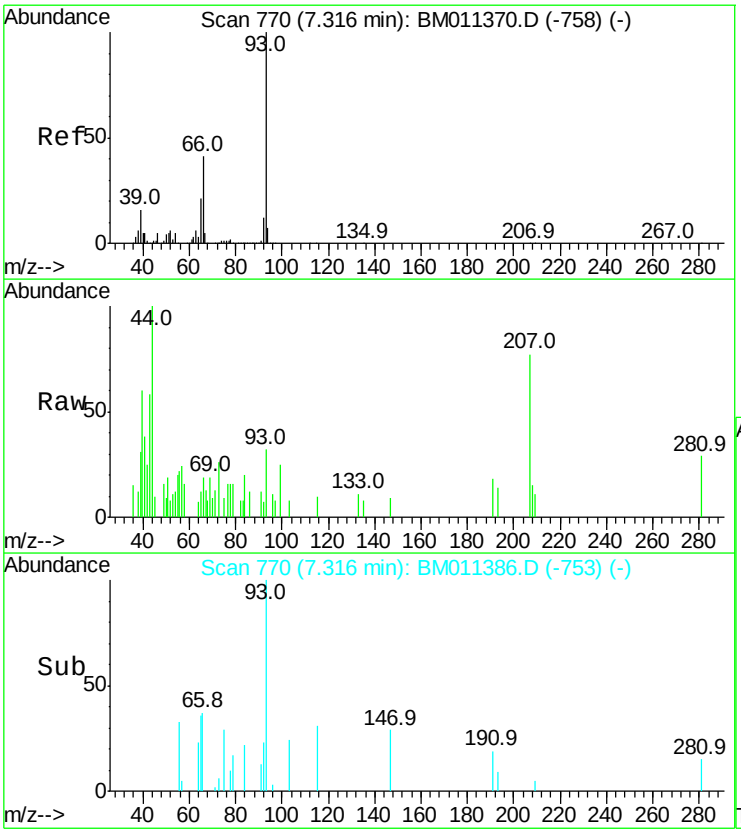
#5
2-Fluorophenol
Concen: 65.045 ng
RT: 5.55 min Scan# 469
Delta R.T. 0.00 min
Lab File: BM011386.D
Acq: 31 Aug 2017 23:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:112 Resp: 2067957

Ion	Ratio	Lower	Upper
112	100		
64	65.0	38.6	57.8#
63	33.2	19.3	28.9#

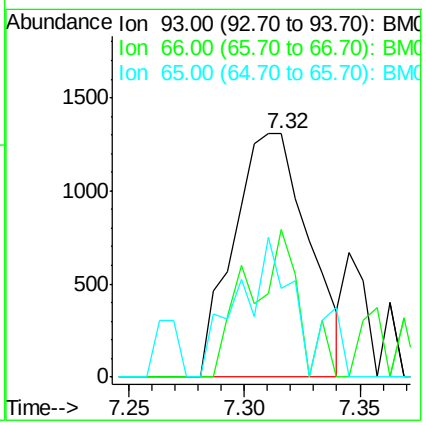


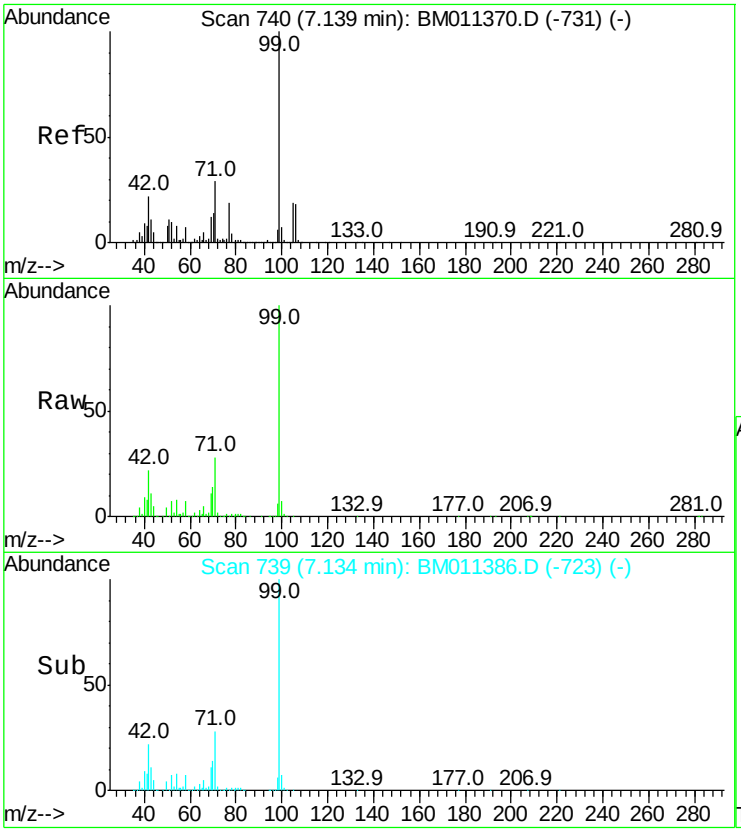


#6
Aniline
Concen: 0.050 ng
RT: 7.32 min Scan# 770
Delta R.T. 0.00 min
Lab File: BM011386.D
Acq: 31 Aug 2017 23:45

Tgt Ion: 93 Resp: 2971

Ion	Ratio	Lower	Upper
93	100		
66	60.5	30.8	46.2#
65	36.4	16.0	24.0#



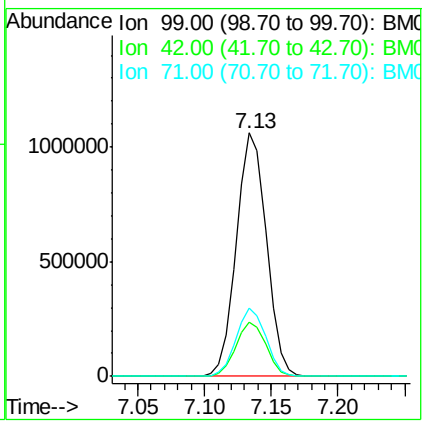


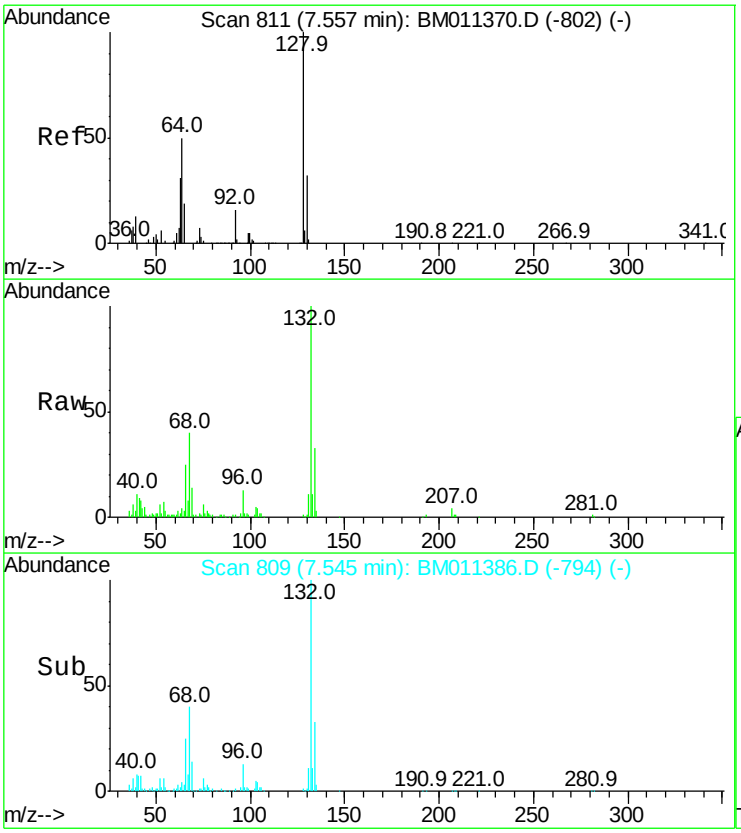
#7
Phenol-d6
Concen: 37.469 ng
RT: 7.13 min Scan# 739
Delta R.T. -0.01 min
Lab File: BM011386.D
Acq: 31 Aug 2017 23:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 99 Resp: 1651779

Ion	Ratio	Lower	Upper
99	100		
42	22.0	11.0	16.4#
71	27.9	23.4	35.2

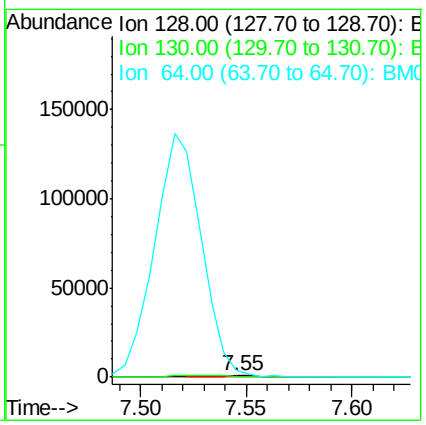


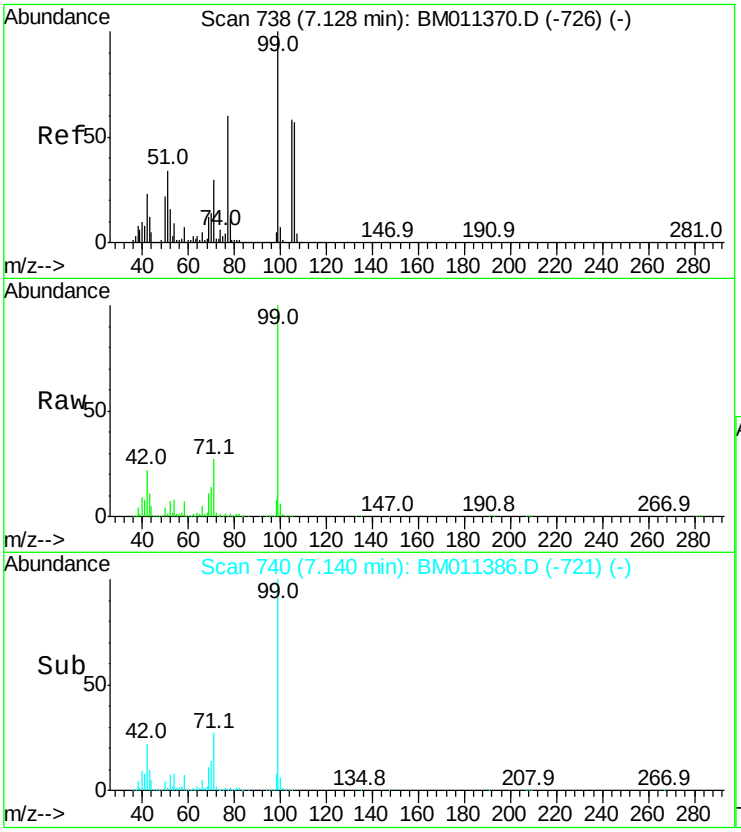


#8
2-Chlorophenol
Concen: 0.039 ng
RT: 7.55 min Scan# 809
Delta R.T. -0.01 min
Lab File: BM011386.D
Acq: 31 Aug 2017 23:45

Tgt Ion:128 Resp: 1449

Ion	Ratio	Lower	Upper
128	100		
130	63.3	12.0	52.0#
64	457.0	24.9	64.9#



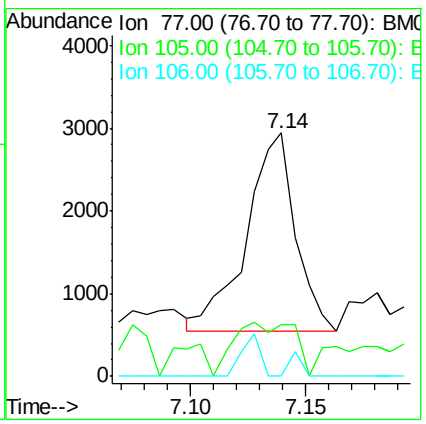


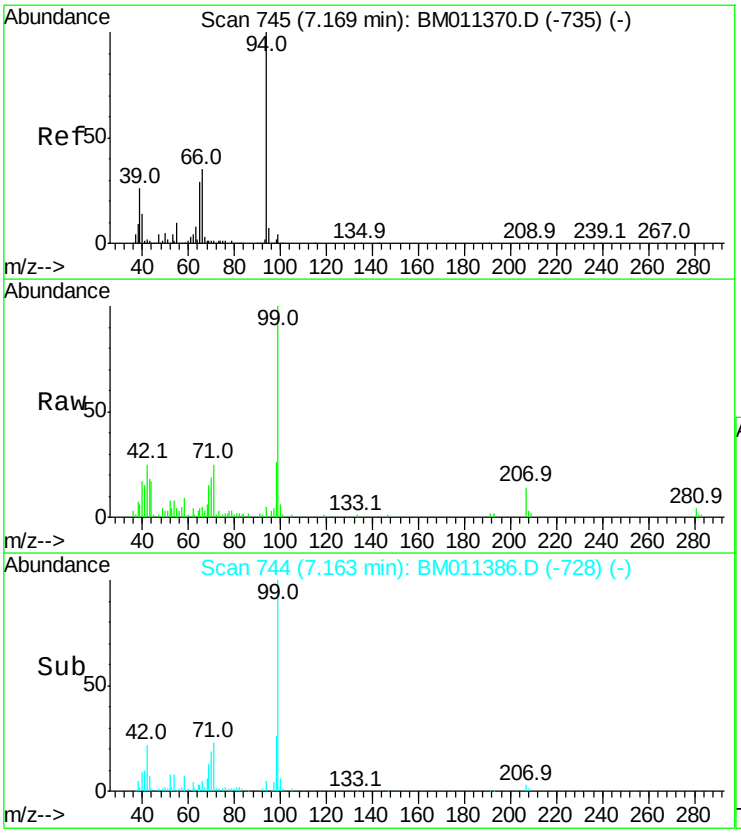
#9
Benzaldehyde
Concen: 0.139 ng
RT: 7.14 min Scan# 740
Delta R.T. 0.01 min
Lab File: BM011386.D
Acq: 31 Aug 2017 23:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 3564

Ion	Ratio	Lower	Upper
77	100		
105	21.3	78.8	118.8#
106	0.0	73.7	113.7#

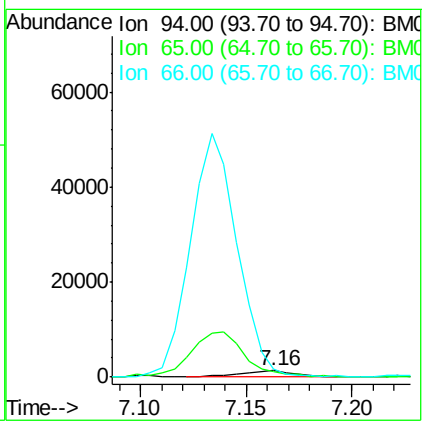


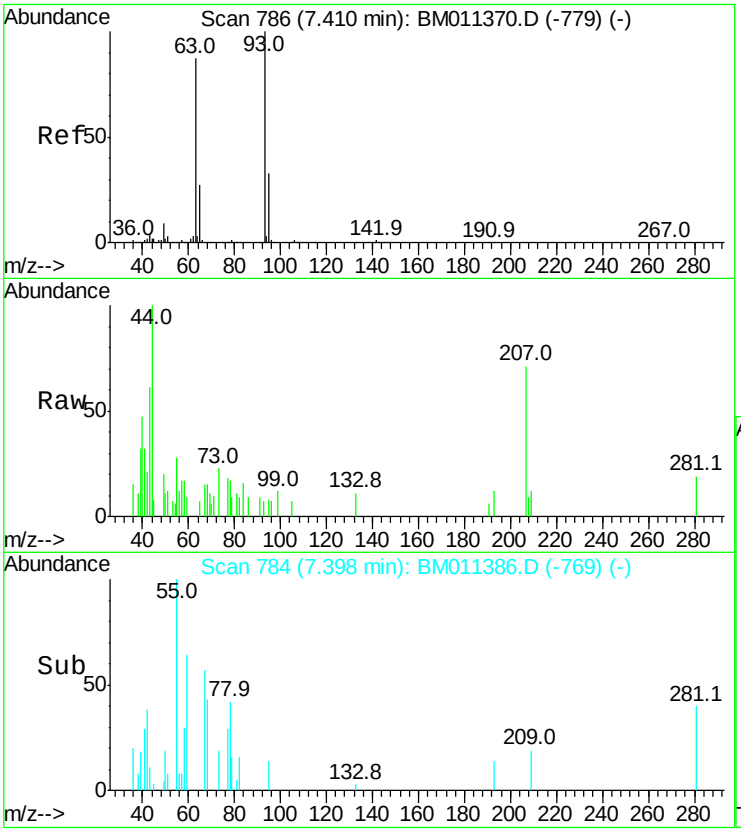


#10
Phenol
Concen: 0.049 ng
RT: 7.16 min Scan# 744
Delta R.T. -0.01 min
Lab File: BM011386.D
Acq: 31 Aug 2017 23:45

Tgt Ion: 94 Resp: 2377

Ion	Ratio	Lower	Upper
94	100		
65	87.8	18.8	58.8#
66	118.6	39.9	79.9#



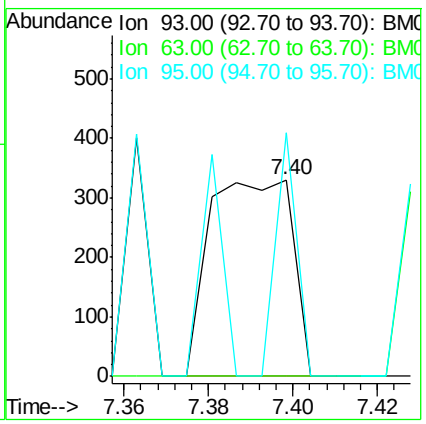


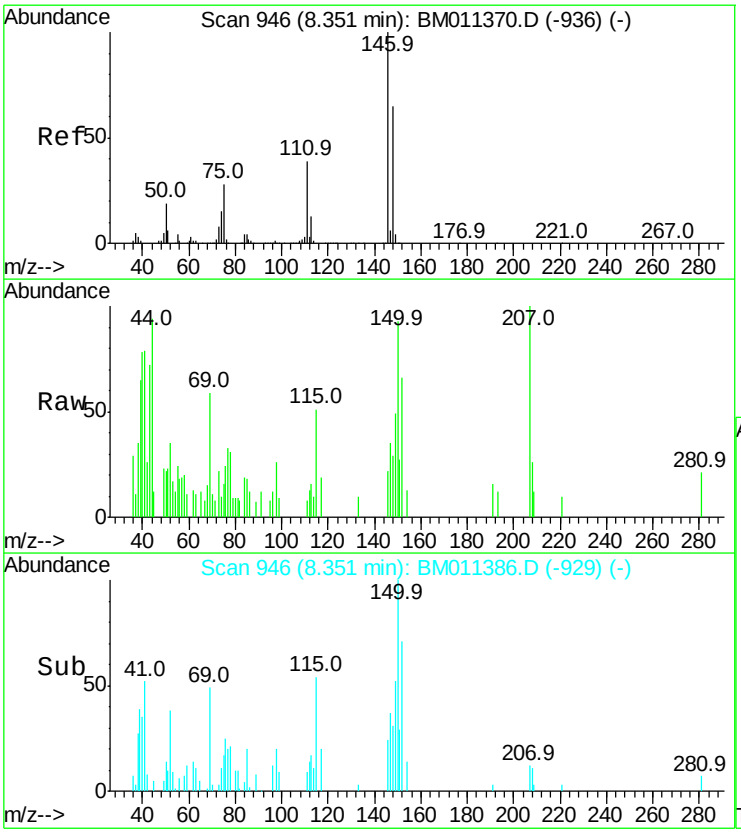
#11
bis(2-Chloroethyl)ether
Concen: 0.012 ng
RT: 7.40 min Scan# 784
Delta R.T. -0.01 min
Lab File: BM011386.D
Acq: 31 Aug 2017 23:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 93 Resp: 448

Ion	Ratio	Lower	Upper
93	100		
63	0.0	49.5	89.5#
95	123.9	13.5	53.5#

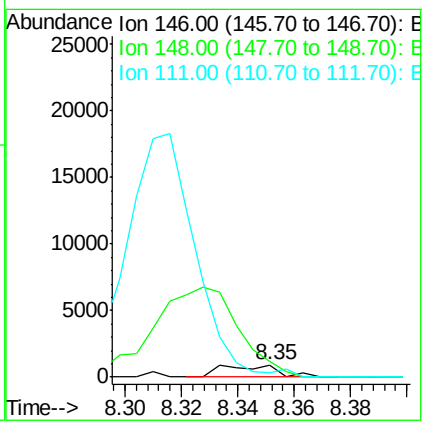


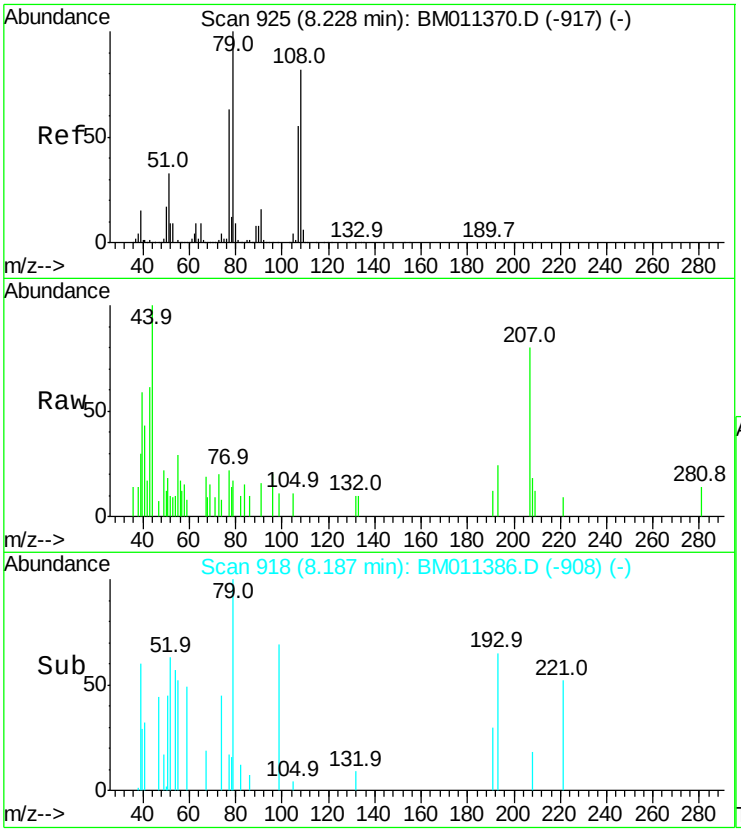


#14
1,2-Dichlorobenzene
Concen: 0.029 ng
RT: 8.35 min Scan# 946
Delta R.T. 0.00 min
Lab File: BM011386.D
Acq: 31 Aug 2017 23:45

Tgt Ion:146 Resp: 1226

Ion	Ratio	Lower	Upper
146	100		
148	130.9	52.3	78.5#
111	36.4	30.6	45.8



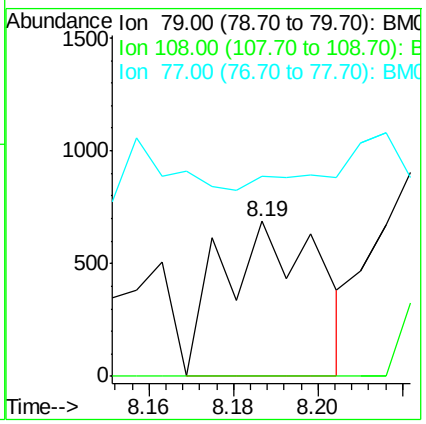


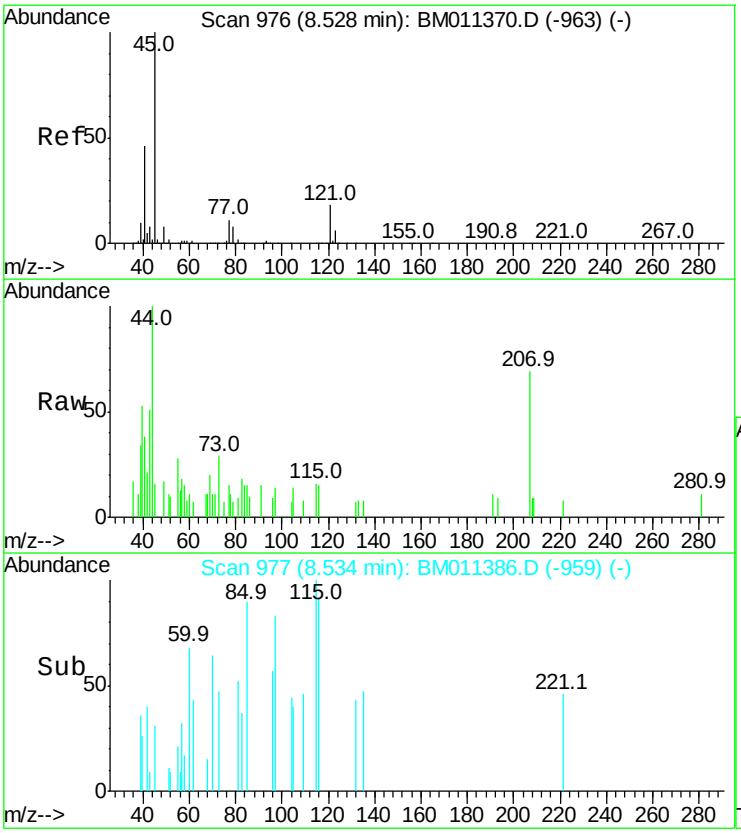
#15
Benzyl Alcohol
Concen: 0.034 ng
RT: 8.19 min Scan# 918
Delta R.T. -0.04 min
Lab File: BM011386.D
Acq: 31 Aug 2017 23:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 79 Resp: 1091

Ion	Ratio	Lower	Upper
79	100		
108	0.0	65.0	97.4#
77	129.3	53.0	79.6#

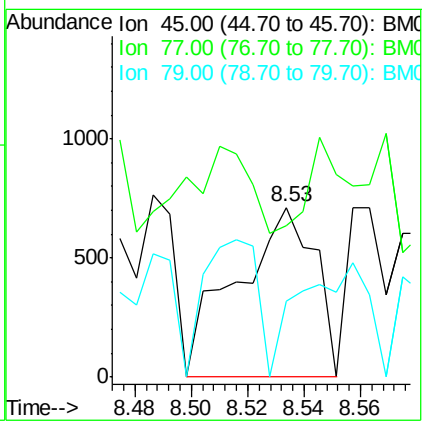


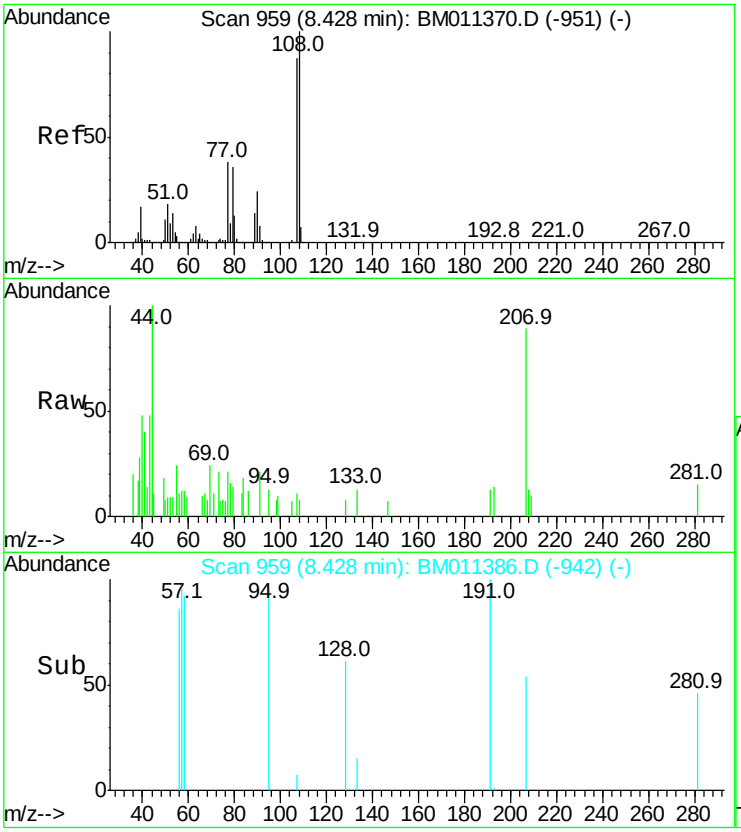


#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.021 ng
RT: 8.53 min Scan# 977
Delta R.T. 0.01 min
Lab File: BM011386.D
Acq: 31 Aug 2017 23:45

Tgt Ion: 45 Resp: 1373

Ion	Ratio	Lower	Upper
45	100		
77	88.8	0.0	35.2#
79	44.7	0.0	32.0#



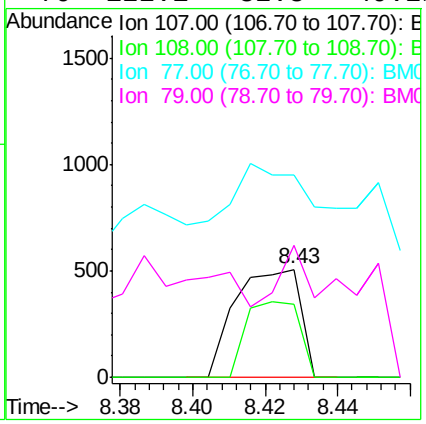


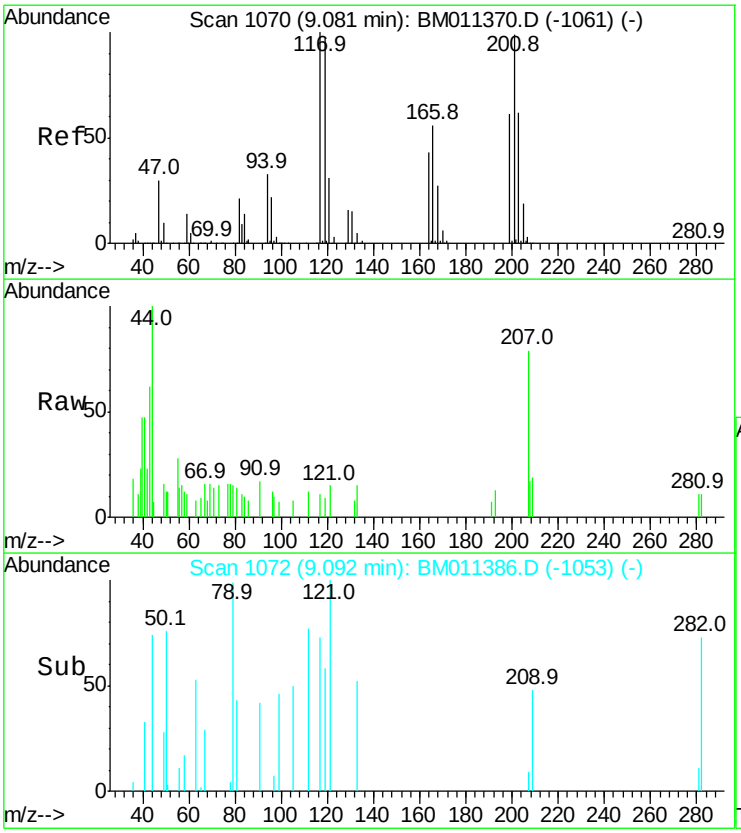
#17
2-Methylphenol
Concen: 0.020 ng
RT: 8.43 min Scan# 959
Delta R.T. 0.00 min
Lab File: BM011386.D
Acq: 31 Aug 2017 23:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:107 Resp: 628

Ion	Ratio	Lower	Upper
107	100		
108	67.3	89.8	134.8#
77	187.0	32.6	48.8#
79	122.1	32.8	49.2#

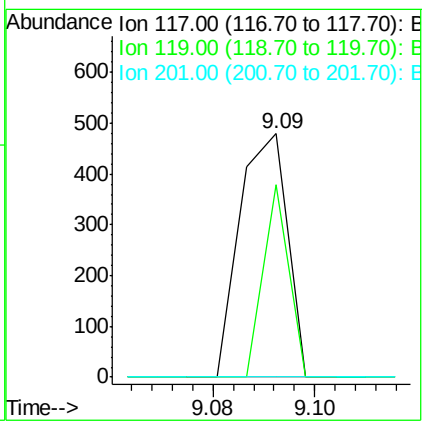


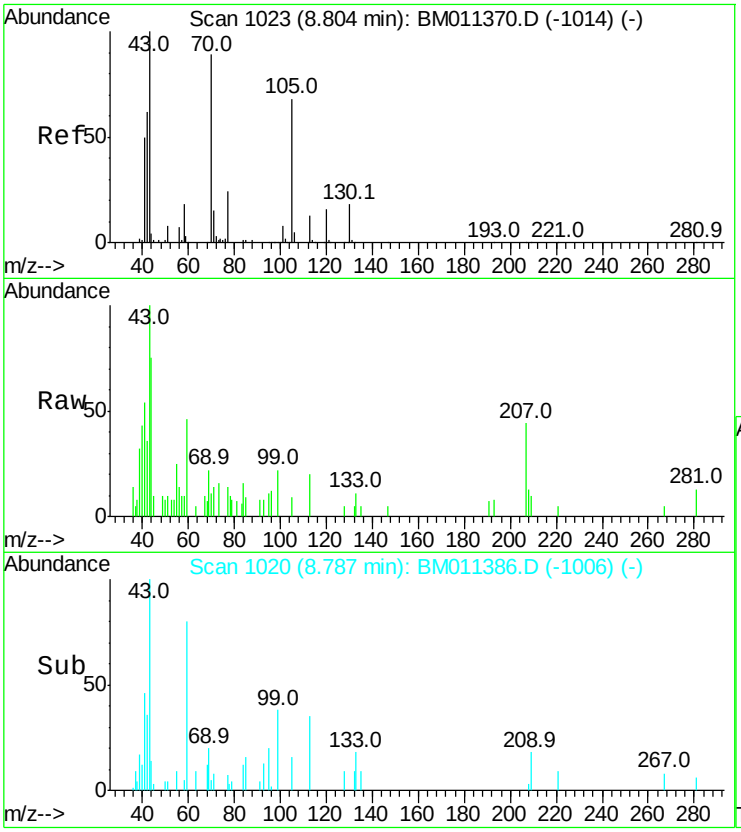


#18
Hexachloroethane
Concen: 0.021 ng
RT: 9.09 min Scan# 1072
Delta R.T. 0.01 min
Lab File: BM011386.D
Acq: 31 Aug 2017 23:45

Tgt Ion:117 Resp: 315

Ion	Ratio	Lower	Upper
117	100		
119	78.9	79.2	118.8#
201	0.0	69.8	104.6#



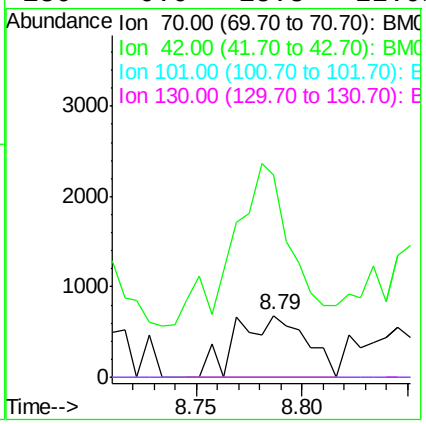


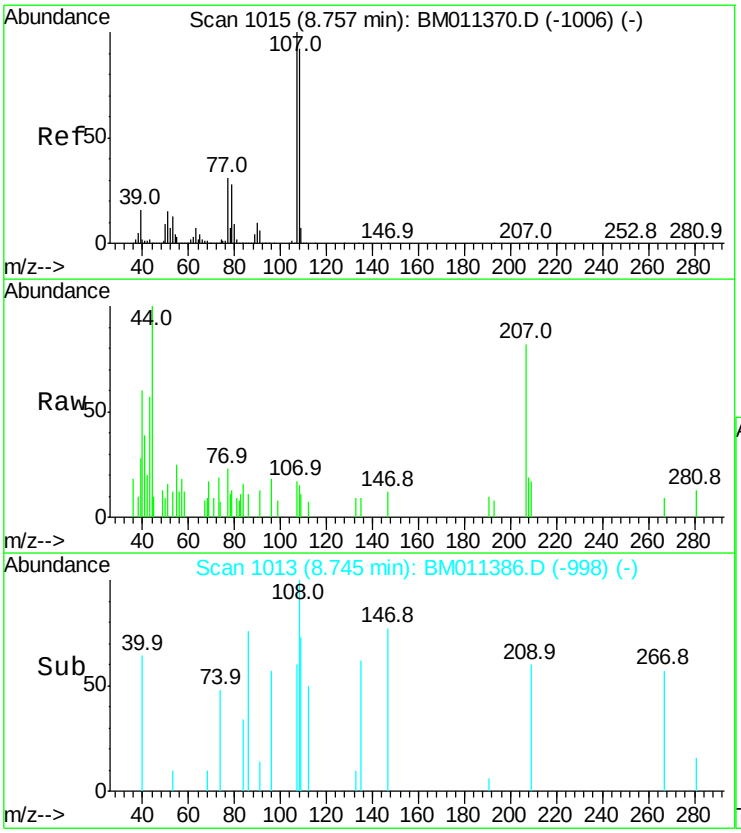
#19
n-Nitroso-di-n-propylamine
Concen: 0.048 ng
RT: 8.79 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BM011386.D
Acq: 31 Aug 2017 23:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 70 Resp: 1556

Ion	Ratio	Lower	Upper
70	100		
42	328.6	44.5	66.7#
101	0.0	7.4	11.2#
130	0.0	15.3	22.9#

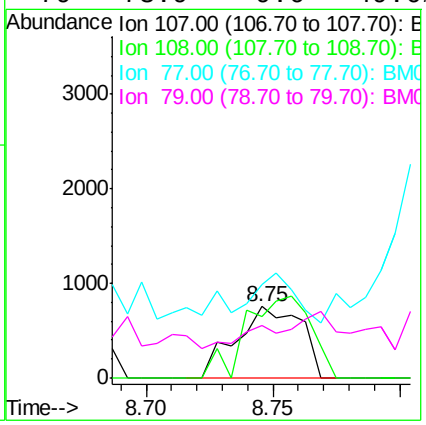


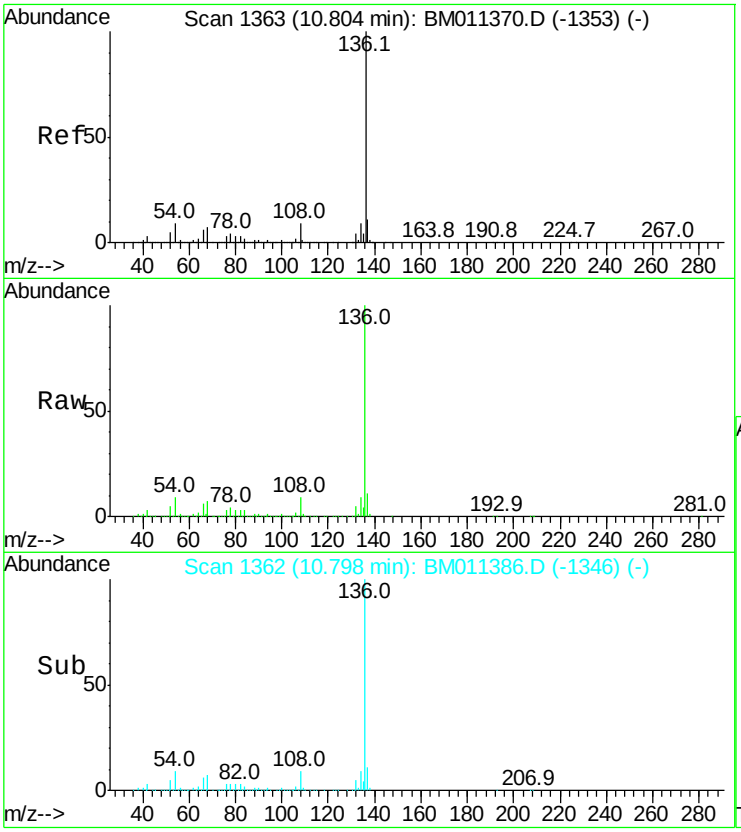


#20
3+4-Methylphenols
Concen: 0.032 ng
RT: 8.75 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BM011386.D
Acq: 31 Aug 2017 23:45

Tgt Ion:107 Resp: 1358

Ion	Ratio	Lower	Upper
107	100		
108	86.4	73.2	113.2
77	131.1	10.7	50.7#
79	73.9	9.6	49.6#



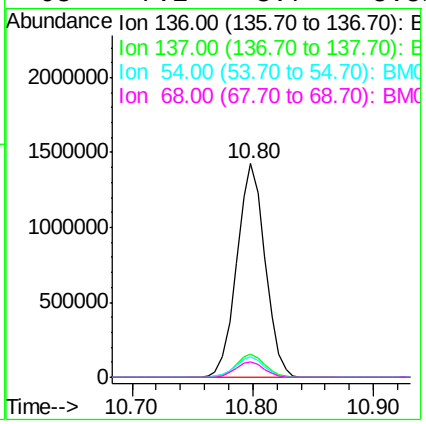


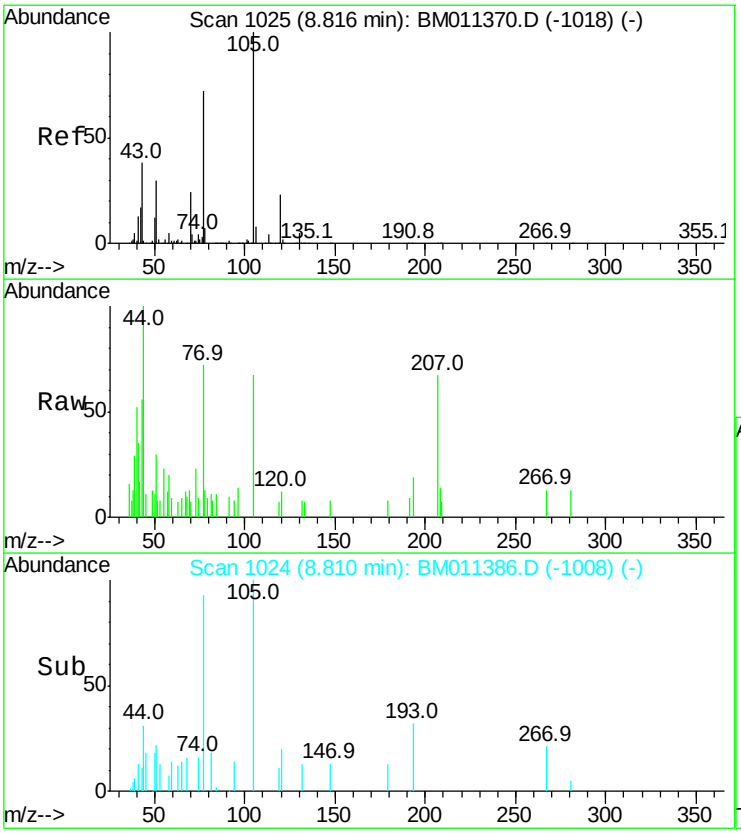
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BM011386.D
Acq: 31 Aug 2017 23:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:136 Resp: 2333190

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	9.4	4.6	6.8#
68	7.2	3.7	5.5#

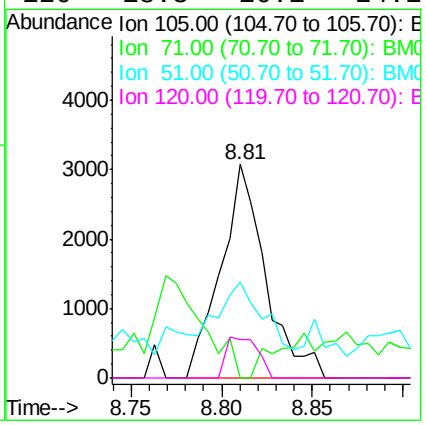


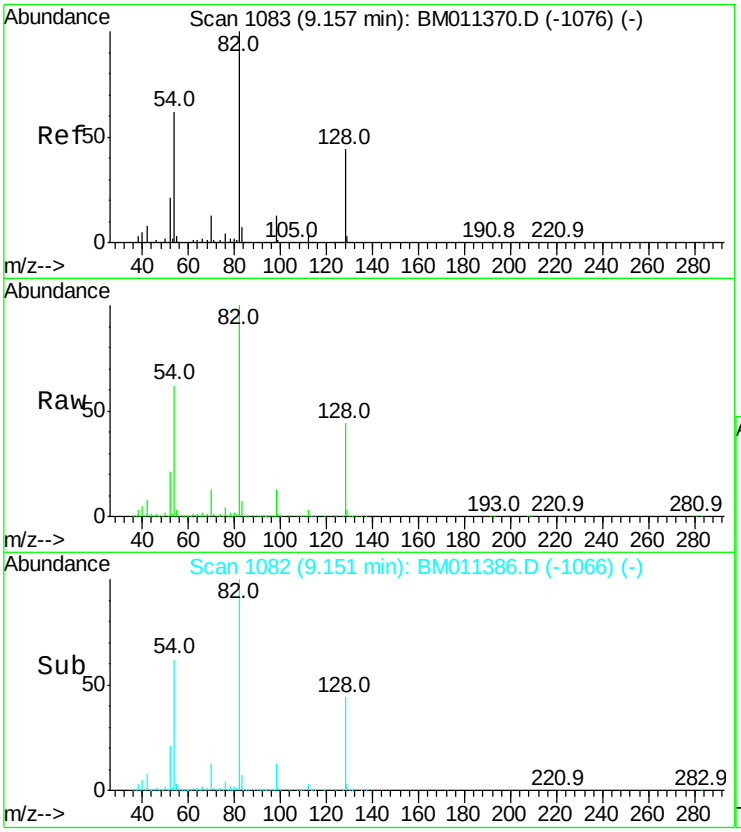


#22
Acetophenone
Concen: 0.091 ng
RT: 8.81 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BM011386.D
Acq: 31 Aug 2017 23:45

Tgt Ion:105 Resp: 5299

Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.6	1.0#
51	44.7	21.6	32.4#
120	18.3	16.1	24.1



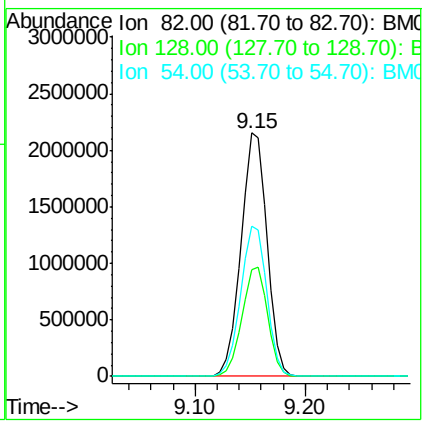


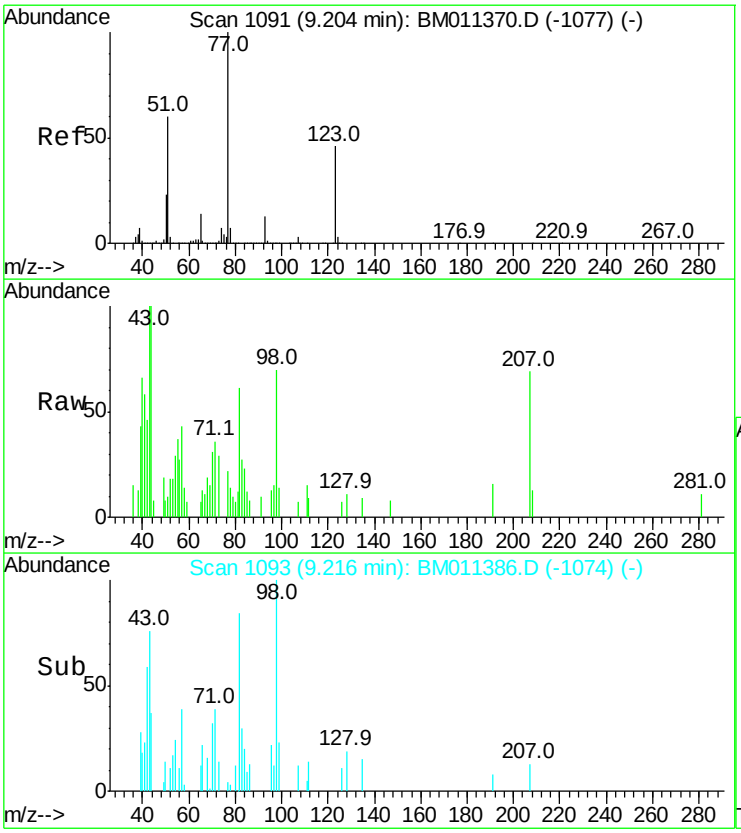
#23
Nitrobenzene-d5
Concen: 100.949 ng
RT: 9.15 min Scan# 1082
Delta R.T. -0.01 min
Lab File: BM011386.D
Acq: 31 Aug 2017 23:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 82 Resp: 3574193

Ion	Ratio	Lower	Upper
82	100		
128	43.6	32.8	49.2
54	61.8	40.6	60.8#

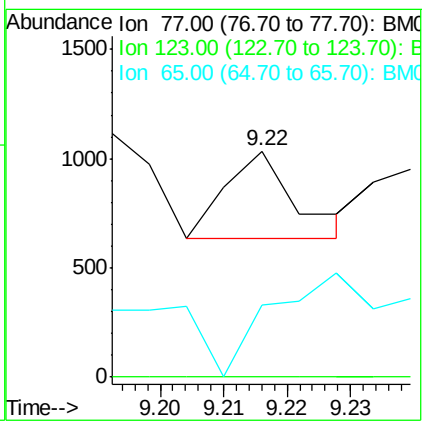


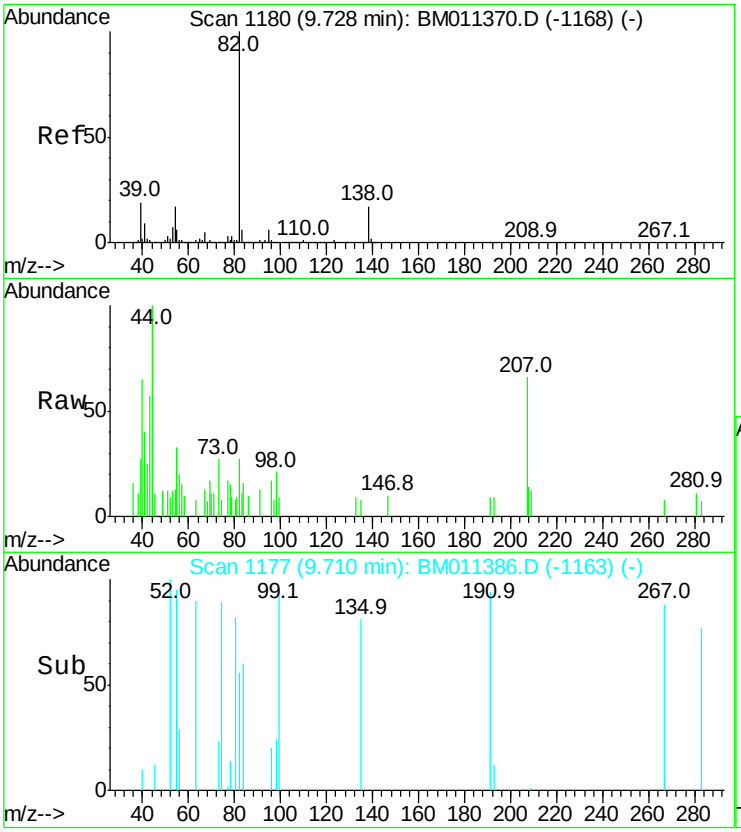


#24
Nitrobenzene
Concen: 0.008 ng
RT: 9.22 min Scan# 1093
Delta R.T. 0.01 min
Lab File: BM011386.D
Acq: 31 Aug 2017 23:45

Tgt Ion: 77 Resp: 305

Ion	Ratio	Lower	Upper
77	100		
123	0.0	32.6	49.0#
65	32.1	10.9	16.3#



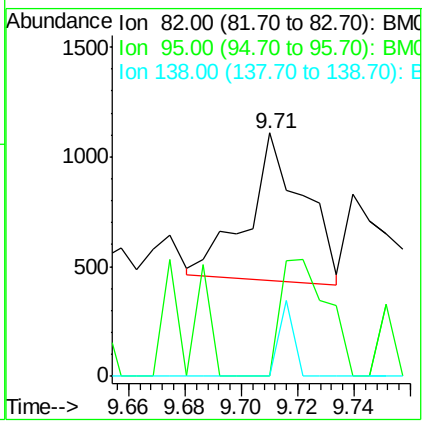


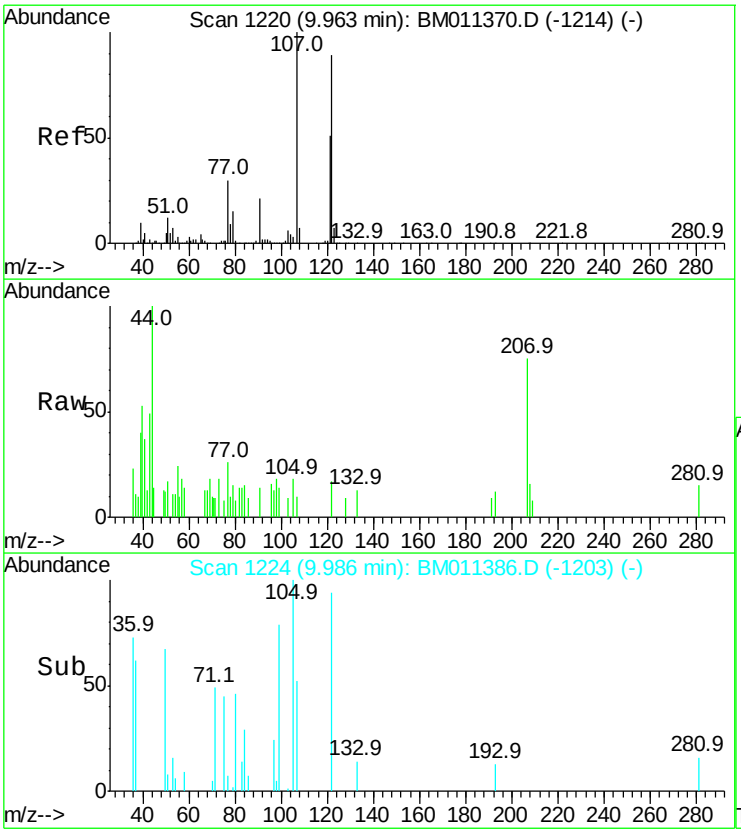
#25
Isophorone
Concen: 0.011 ng
RT: 9.71 min Scan# 1177
Delta R.T. -0.02 min
Lab File: BM011386.D
Acq: 31 Aug 2017 23:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 82 Resp: 912

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	16.3	24.5#

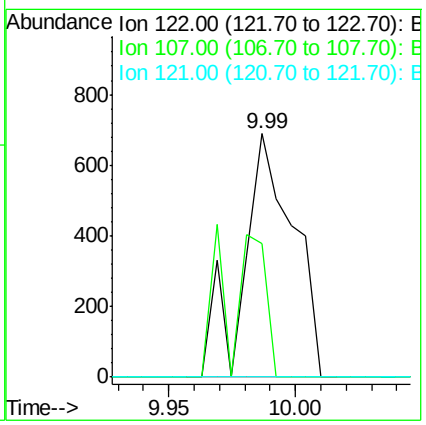


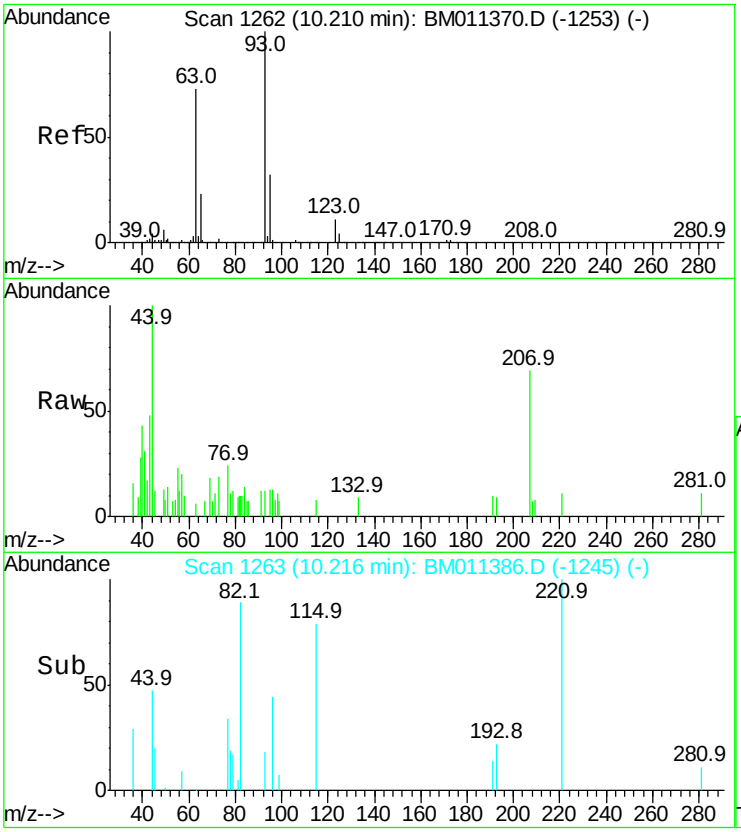


#27
2,4-Dimethylphenol
Concen: 0.026 ng
RT: 9.99 min Scan# 1224
Delta R.T. 0.02 min
Lab File: BM011386.D
Acq: 31 Aug 2017 23:45

Tgt Ion:122 Resp: 952

Ion	Ratio	Lower	Upper
122	100		
107	55.0	84.7	127.1#
121	0.0	46.6	69.8#



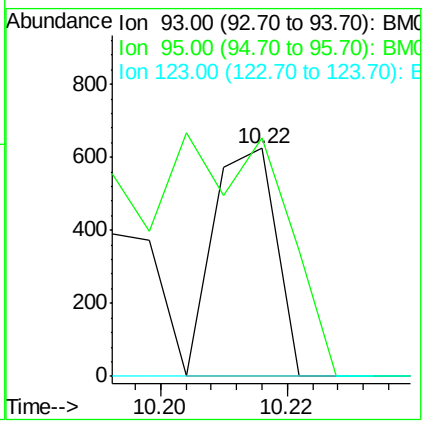


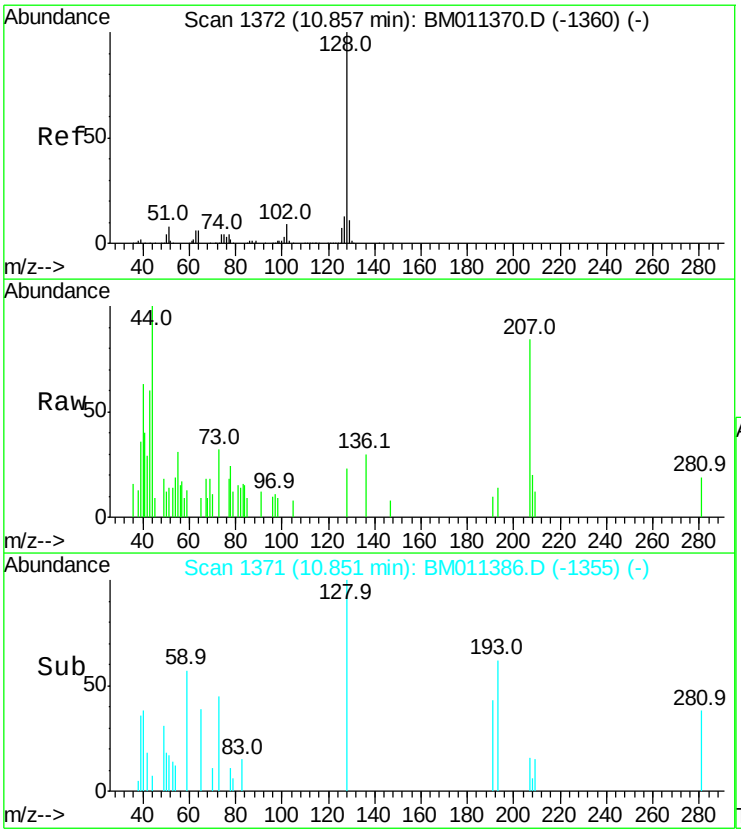
#28
bis(2-Chloroethoxy)methane
Concen: 0.008 ng
RT: 10.22 min Scan# 1263
Delta R.T. 0.01 min
Lab File: BM011386.D
Acq: 31 Aug 2017 23:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 93 Resp: 423

Ion	Ratio	Lower	Upper
93	100		
95	104.8	25.5	38.3#
123	0.0	8.6	13.0#

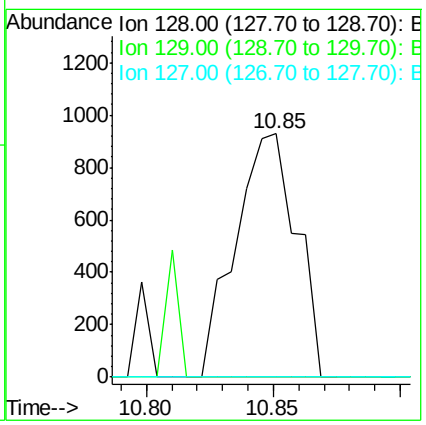


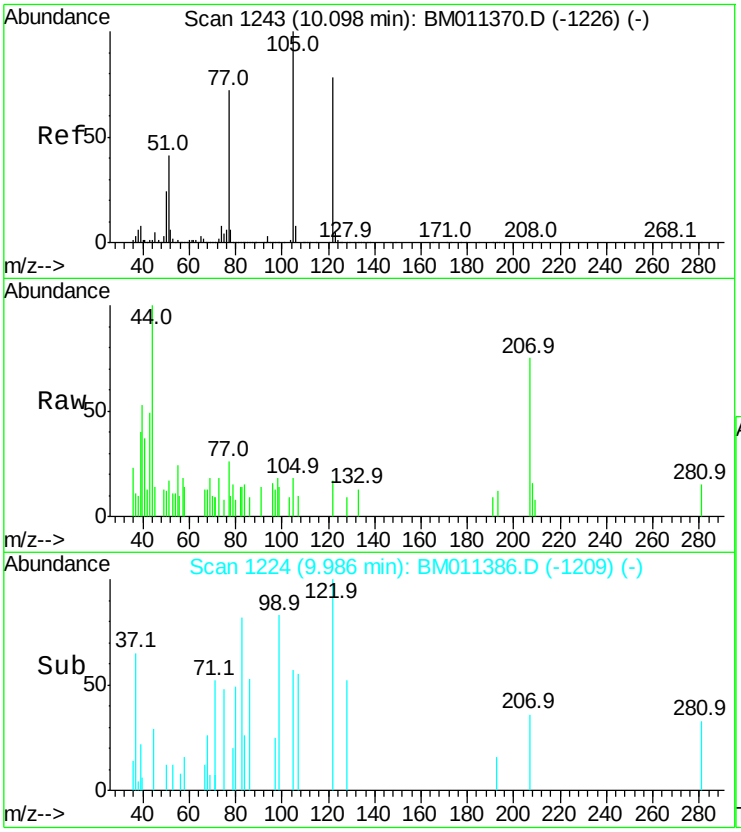


#31
Naphthalene
Concen: 0.012 ng
RT: 10.85 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BM011386.D
Acq: 31 Aug 2017 23:45

Tgt Ion:128 Resp: 1563

Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.9	13.3#
127	0.0	10.4	15.6#



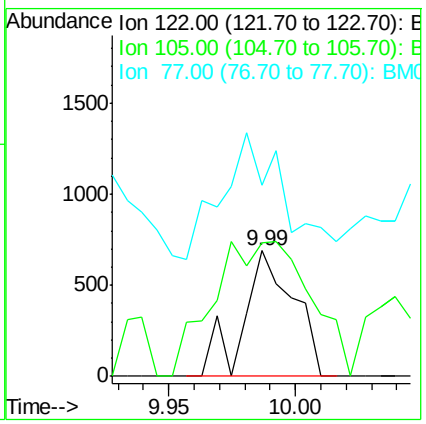


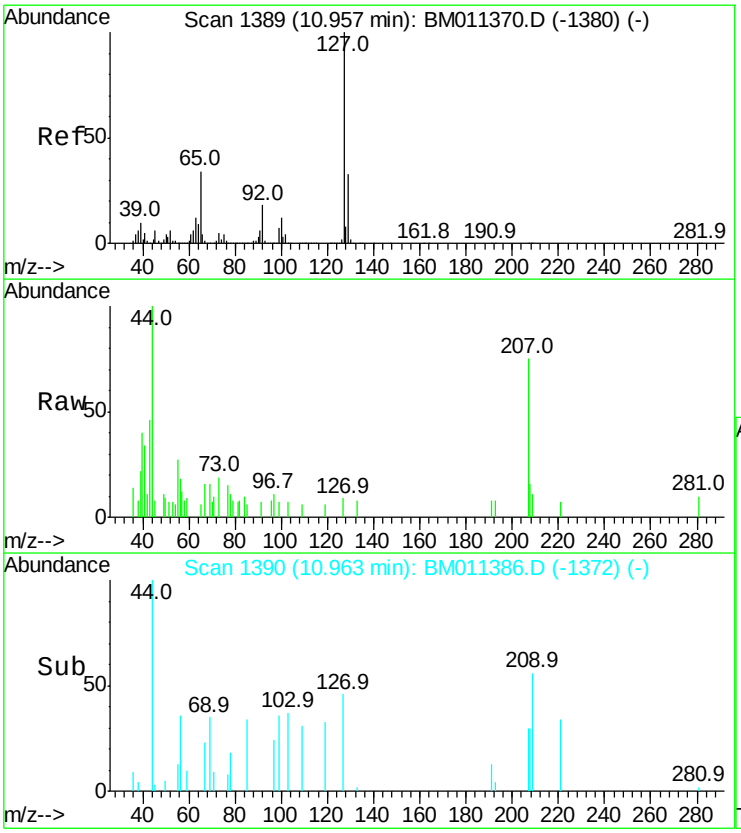
#32
Benzoic acid
Concen: 6.573 ng
RT: 9.99 min Scan# 1224
Delta R.T. -0.11 min
Lab File: BM011386.D
Acq: 31 Aug 2017 23:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:122 Resp: 952

Ion	Ratio	Lower	Upper
122	100		
105	106.2	99.9	139.9
77	152.8	73.7	113.7#

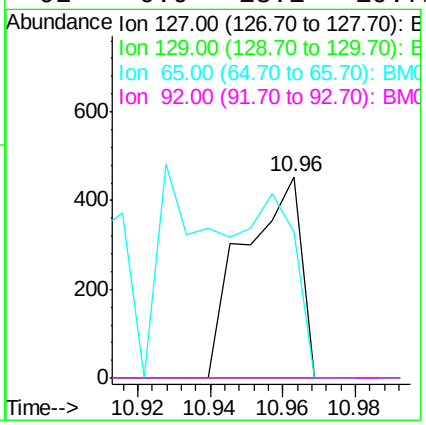


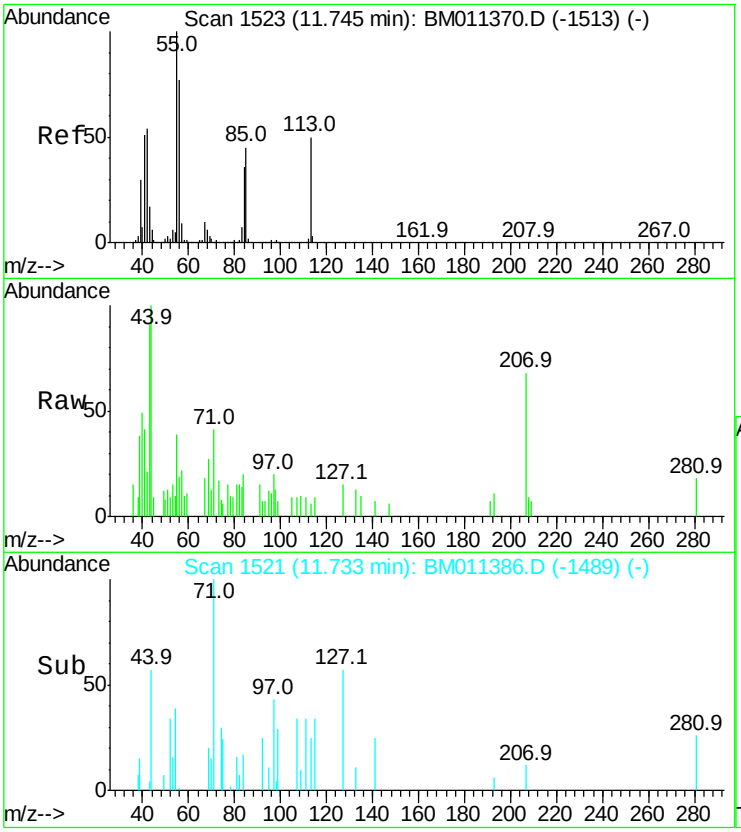


#33
4-Chloroaniline
Concen: 0.009 ng
RT: 10.96 min Scan# 1390
Delta R.T. 0.01 min
Lab File: BM011386.D
Acq: 31 Aug 2017 23:45

Tgt Ion:127 Resp: 498

Ion	Ratio	Lower	Upper
127	100		
129	0.0	25.3	37.9#
65	72.7	17.6	26.4#
92	0.0	13.1	19.7#



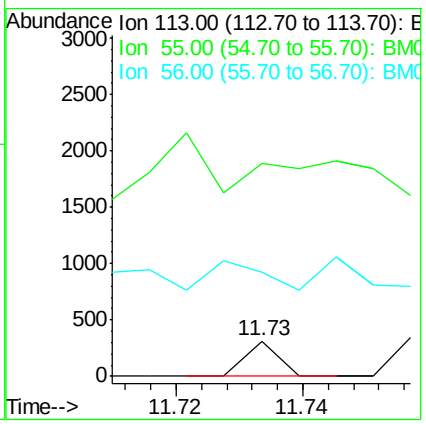


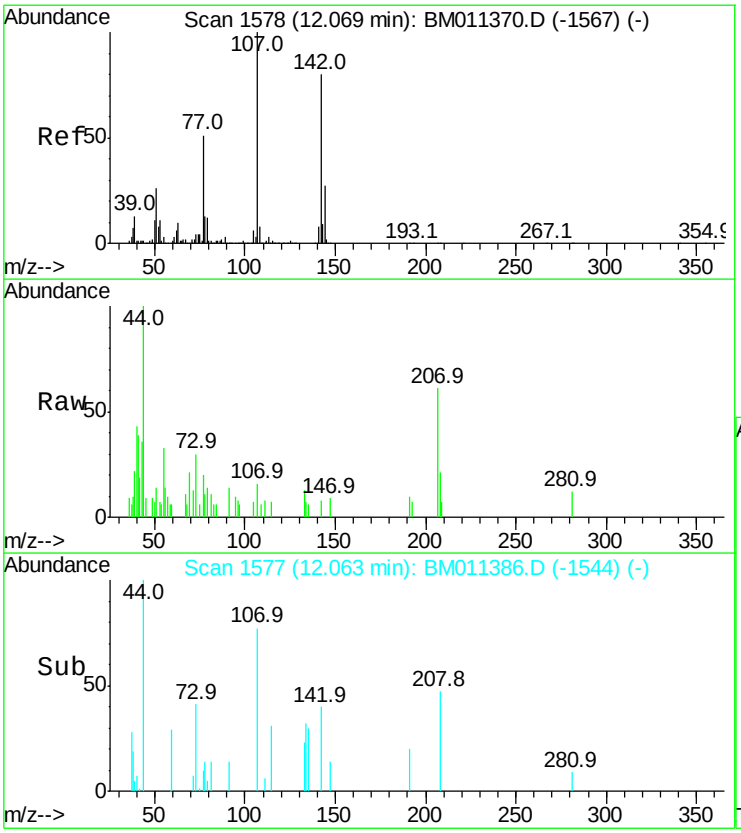
#35
Caprolactam
Concen: 0.009 ng
RT: 11.73 min Scan# 1521
Delta R.T. -0.01 min
Lab File: BM011386.D
Acq: 31 Aug 2017 23:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:113 Resp: 109

Ion	Ratio	Lower	Upper
113	100		
55	610.3	145.9	185.9#
56	298.4	101.0	141.0#

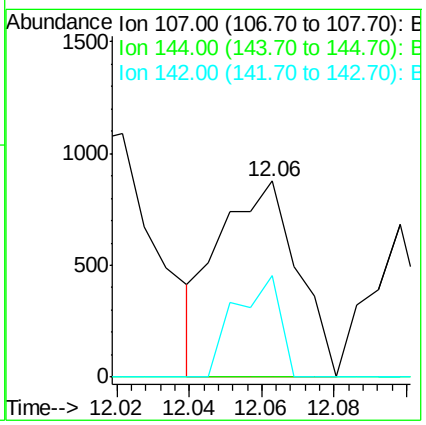


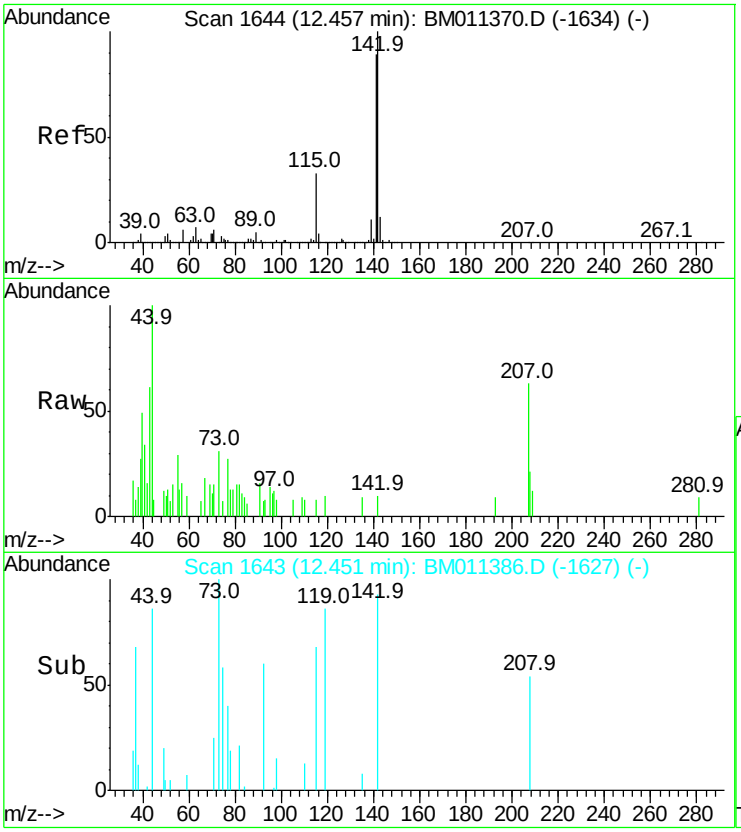


#36
4-Chloro-3-methylphenol
Concen: 0.032 ng
RT: 12.06 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BM011386.D
Acq: 31 Aug 2017 23:45

Tgt Ion:107 Resp: 1318

Ion	Ratio	Lower	Upper
107	100		
144	0.0	23.3	34.9#
142	51.7	72.6	109.0#



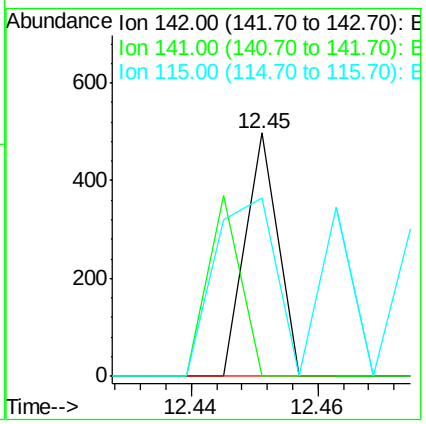


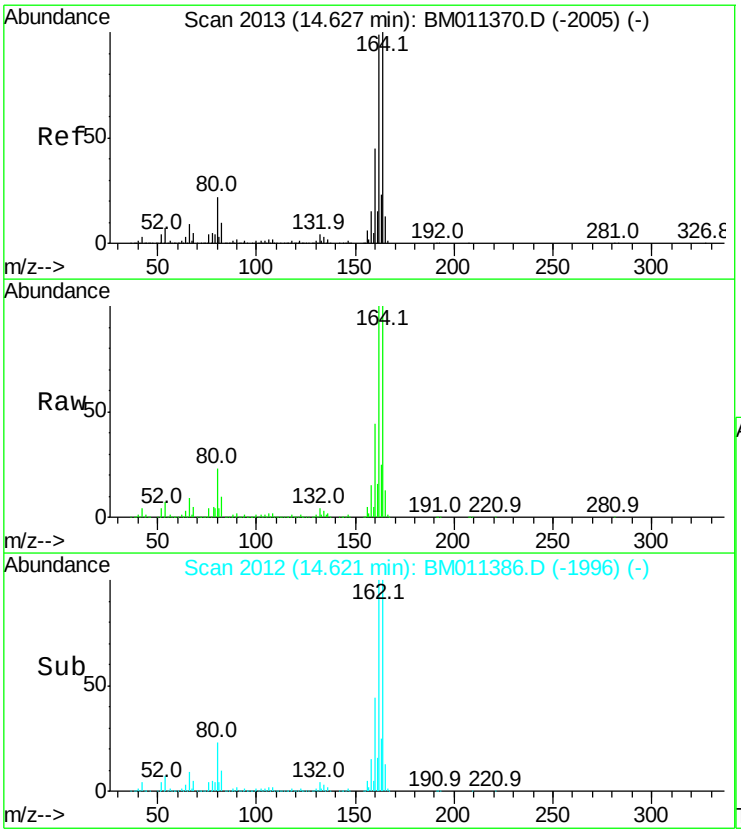
#37
2-Methylnaphthalene
Concen: 0.002 ng
RT: 12.45 min Scan# 1643
Delta R.T. -0.01 min
Lab File: BM011386.D
Acq: 31 Aug 2017 23:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 176

Ion	Ratio	Lower	Upper
142	100		
141	0.0	71.9	107.9#
115	73.3	25.4	38.0#

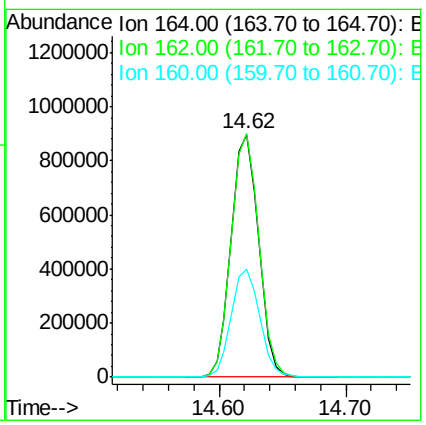


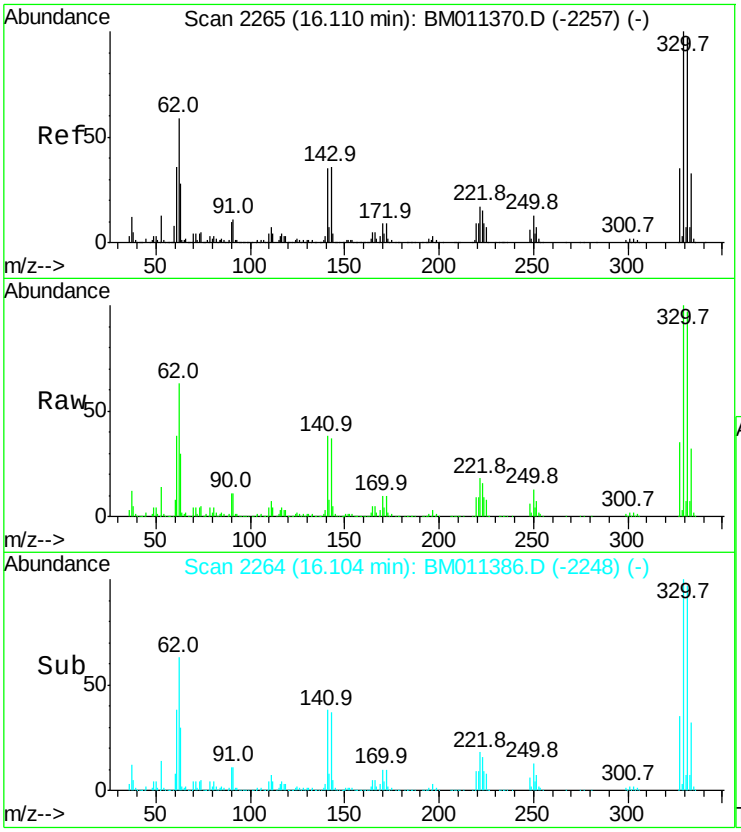


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BM011386.D
Acq: 31 Aug 2017 23:45

Tgt Ion:164 Resp: 1341088

Ion	Ratio	Lower	Upper
164	100		
162	100.3	82.4	123.6
160	44.4	35.8	53.6



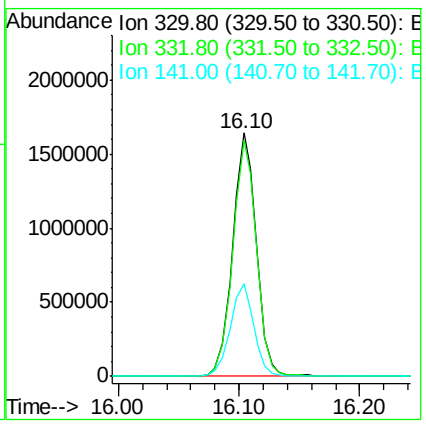


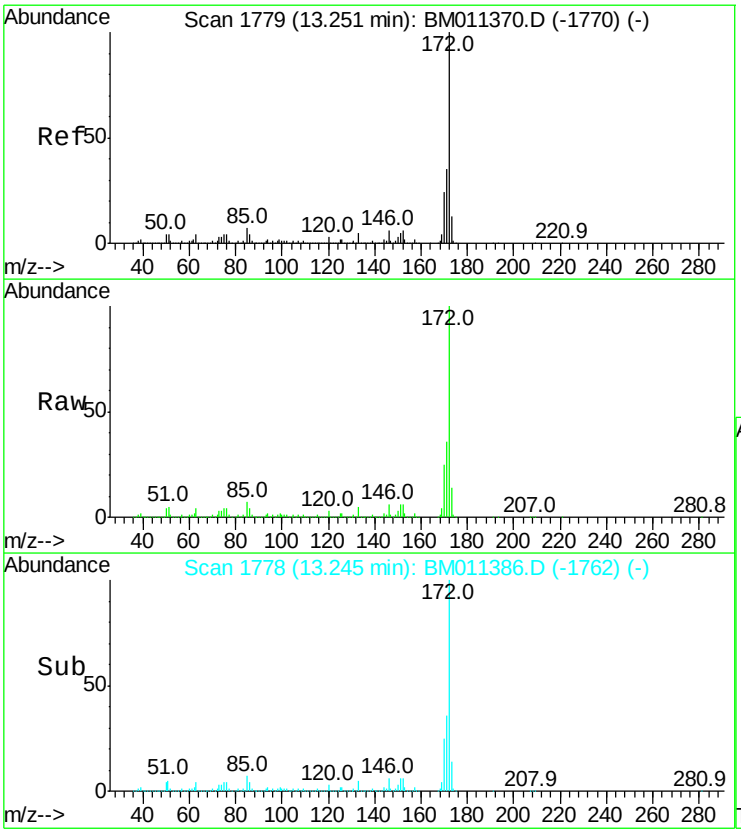
#41
2,4,6-Tribromophenol
Concen: 144.950 ng
RT: 16.10 min Scan# 2264
Delta R.T. -0.01 min
Lab File: BM011386.D
Acq: 31 Aug 2017 23:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:330 Resp: 2249020

Ion	Ratio	Lower	Upper
330	100		
332	96.9	0.0	0.0#
141	38.0	0.0	0.0#

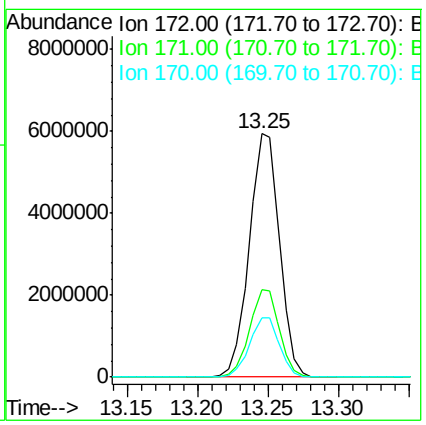


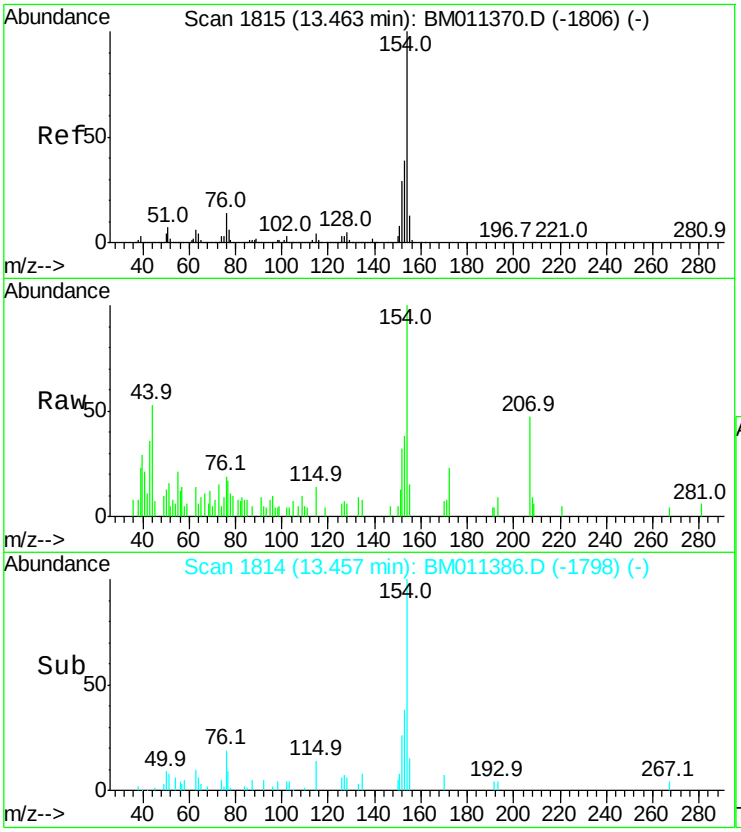


#44
2-Fluorobiphenyl
Concen: 96.250 ng
RT: 13.25 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BM011386.D
Acq: 31 Aug 2017 23:45

Tgt Ion:172 Resp: 8954677

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.5	42.7
170	24.6	18.8	28.2



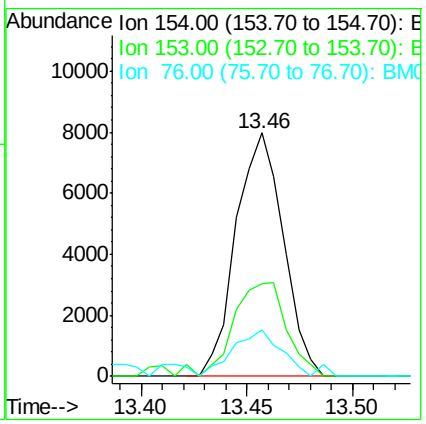


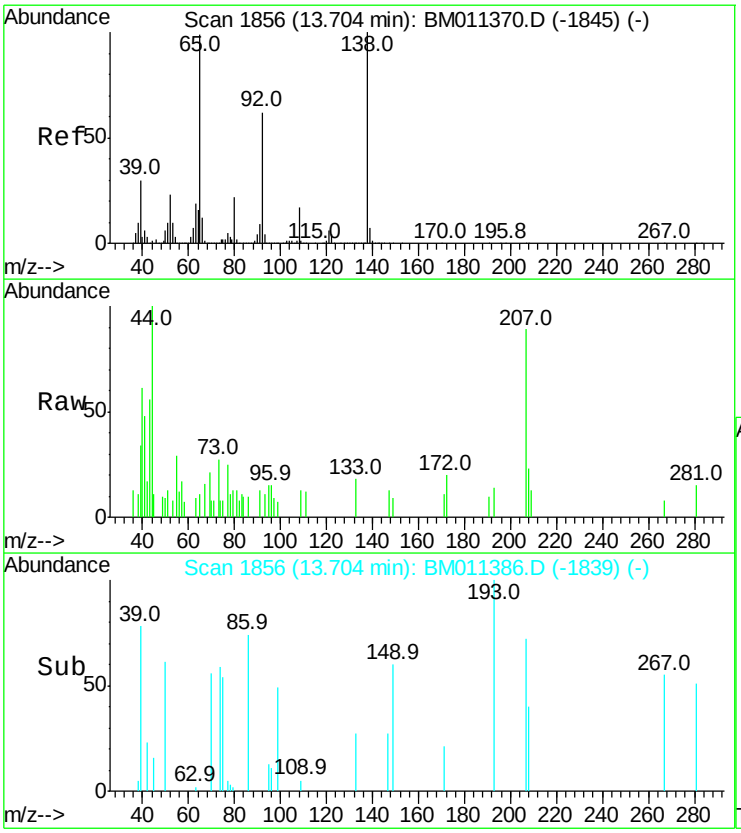
#45
1,1'-Biphenyl
Concen: 0.104 ng
RT: 13.46 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BM011386.D
Acq: 31 Aug 2017 23:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:154 Resp: 12377

Ion	Ratio	Lower	Upper
154	100		
153	38.0	20.7	60.7
76	19.3	0.0	30.9

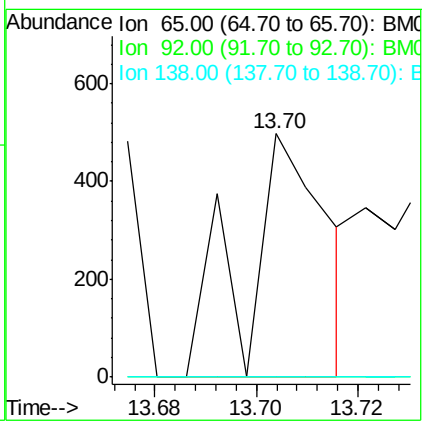


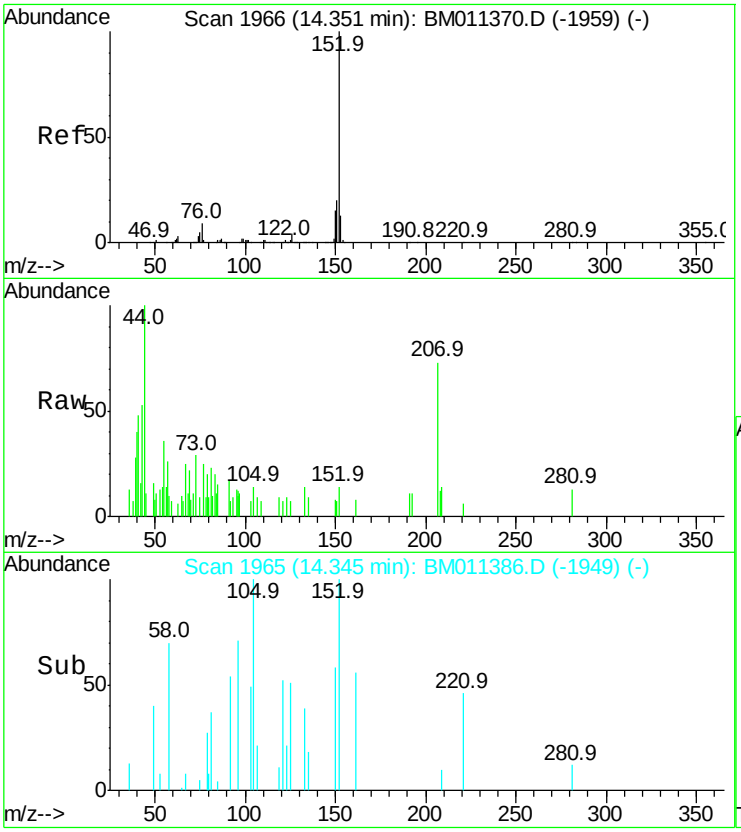


#47
2-Nitroaniline
Concen: 5.455 ng
RT: 13.70 min Scan# 1856
Delta R.T. 0.00 min
Lab File: BM011386.D
Acq: 31 Aug 2017 23:45

Tgt Ion: 65 Resp: 553

Ion	Ratio	Lower	Upper
65	100		
92	0.0	59.1	88.7#
138	0.0	93.9	140.9#



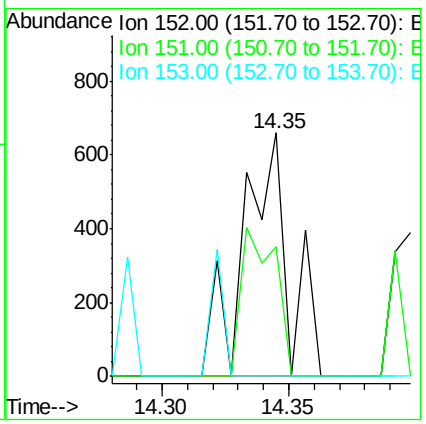


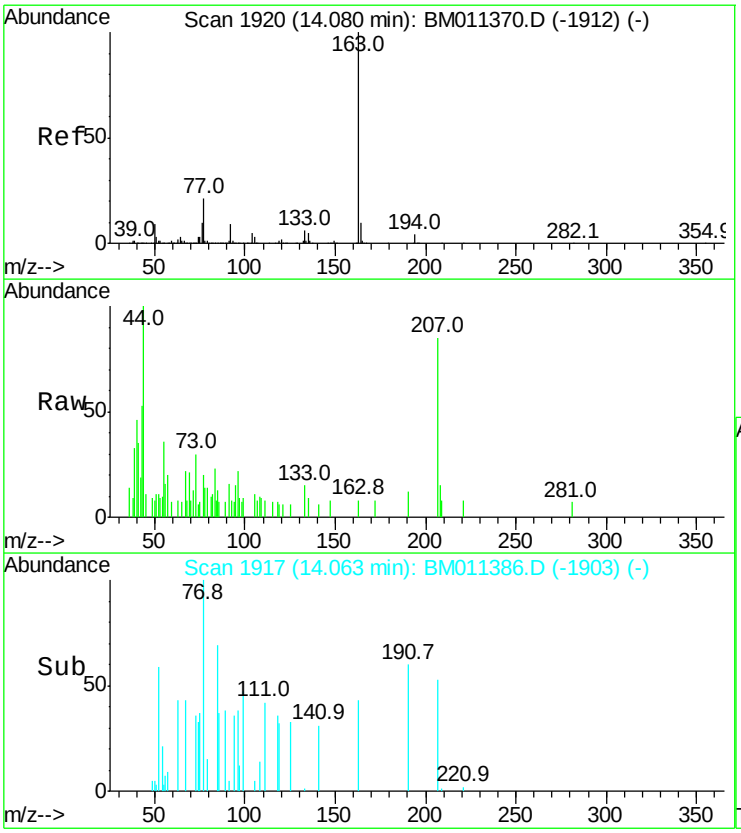
#48
Acenaphthylene
Concen: 0.006 ng
RT: 14.35 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BM011386.D
Acq: 31 Aug 2017 23:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 828

Ion	Ratio	Lower	Upper
152	100		
151	53.0	15.9	23.9#
153	0.0	10.6	16.0#

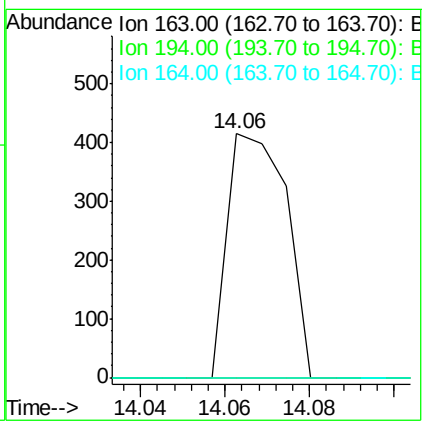


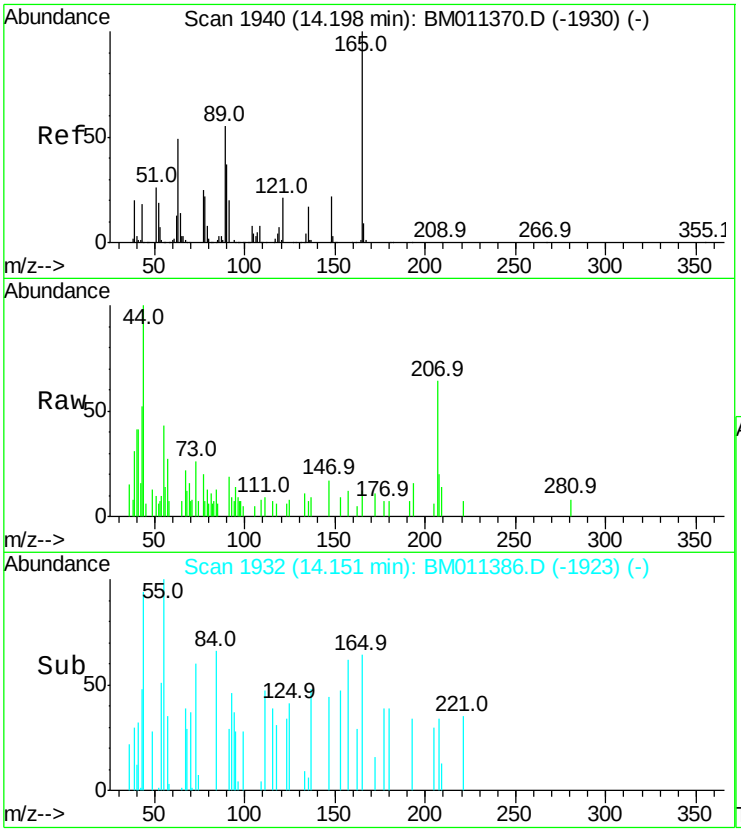


#49
Dimethylphthalate
Concen: 0.004 ng
RT: 14.06 min Scan# 1917
Delta R.T. -0.02 min
Lab File: BM011386.D
Acq: 31 Aug 2017 23:45

Tgt Ion:163 Resp: 402

Ion	Ratio	Lower	Upper
163	100		
194	0.0	2.7	4.1#
164	0.0	8.2	12.2#



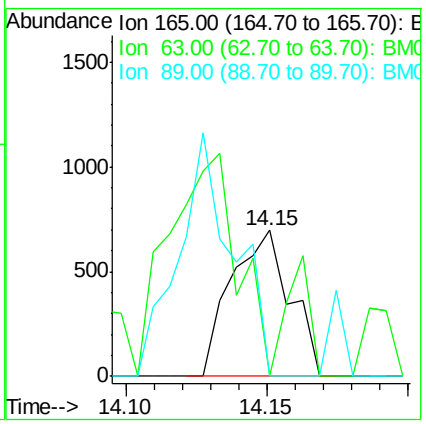


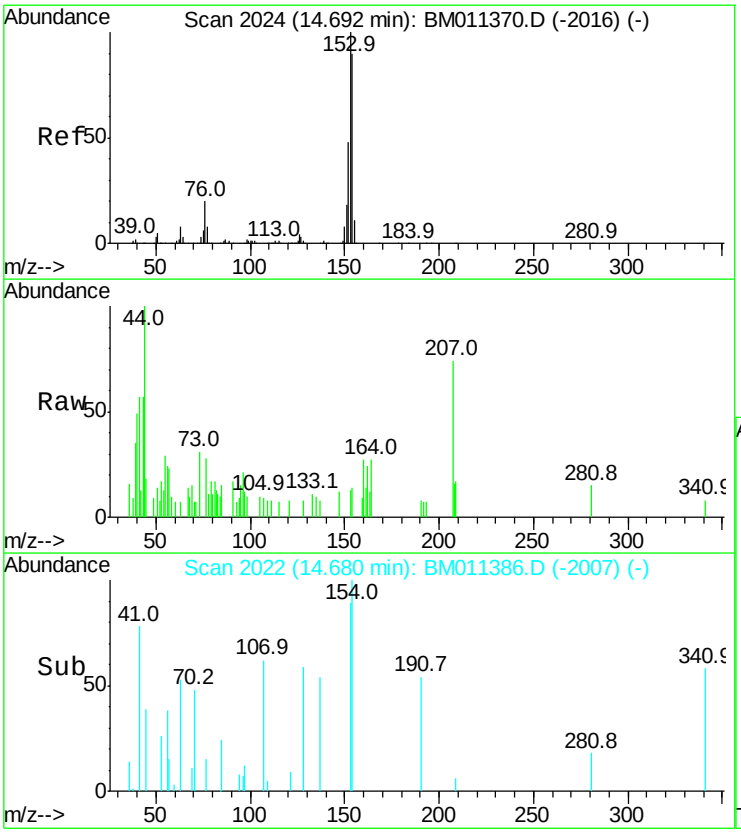
#50
2,6-Dinitrotoluene
Concen: 0.050 ng
RT: 14.15 min Scan# 1932
Delta R.T. -0.05 min
Lab File: BM011386.D
Acq: 31 Aug 2017 23:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:165 Resp: 1009

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.1	66.1#
89	0.0	44.3	66.5#

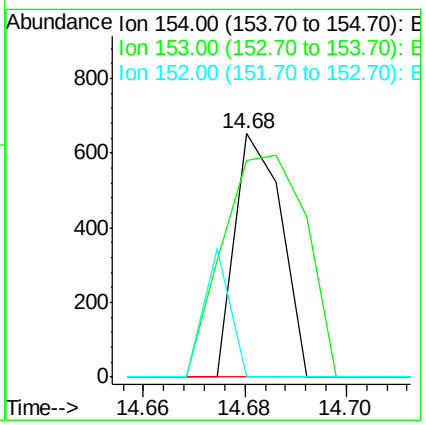


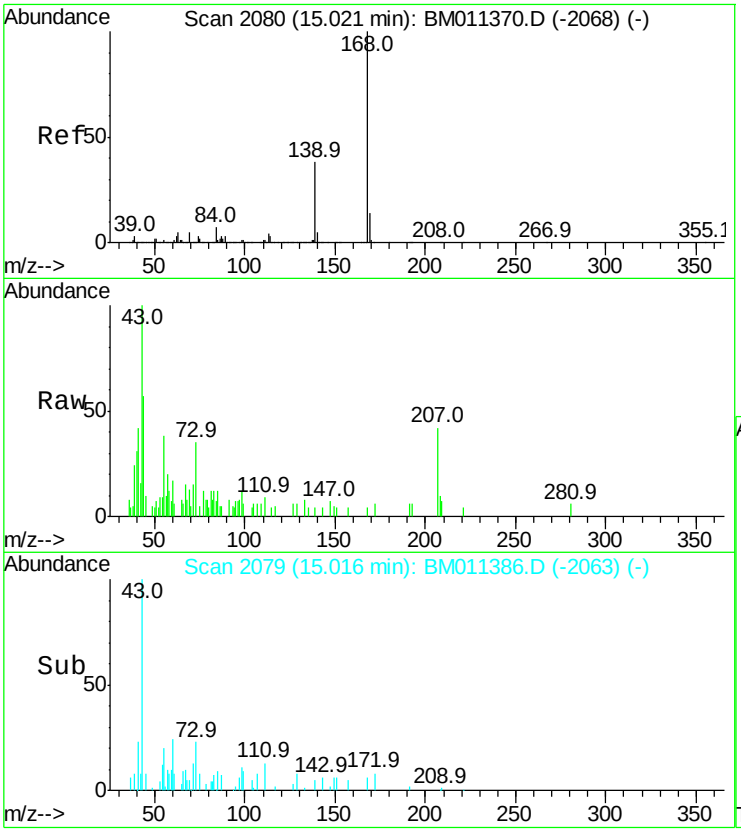


#51
Acenaphthene
Concen: 0.005 ng
RT: 14.68 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BM011386.D
Acq: 31 Aug 2017 23:45

Tgt Ion:154 Resp: 415

Ion	Ratio	Lower	Upper
154	100		
153	89.0	90.0	135.0#
152	0.0	42.6	63.8#



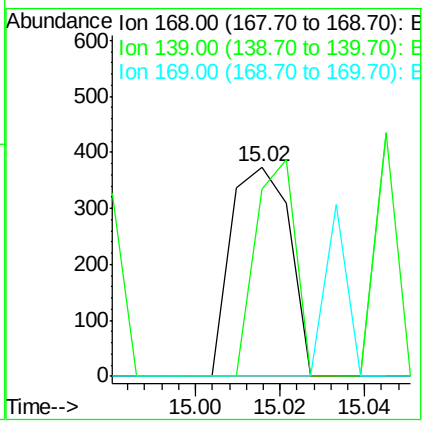


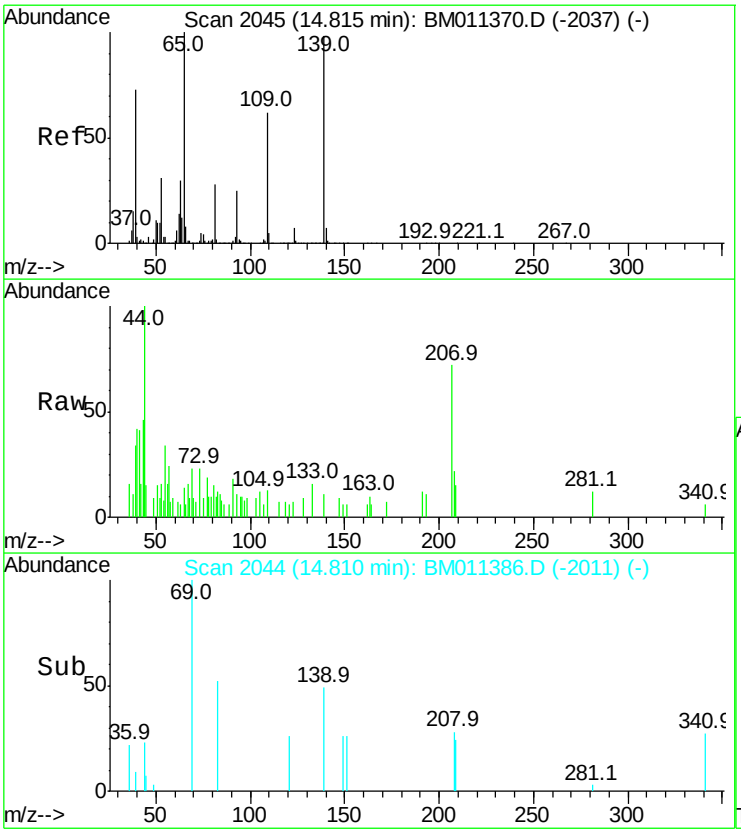
#54
Dibenzofuran
Concen: 0.003 ng
RT: 15.02 min Scan# 2079
Delta R.T. -0.01 min
Lab File: BM011386.D
Acq: 31 Aug 2017 23:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:168 Resp: 361

Ion	Ratio	Lower	Upper
168	100		
139	89.6	27.3	40.9#
169	0.0	10.6	16.0#

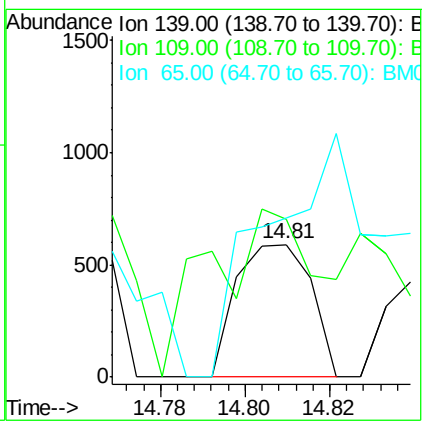


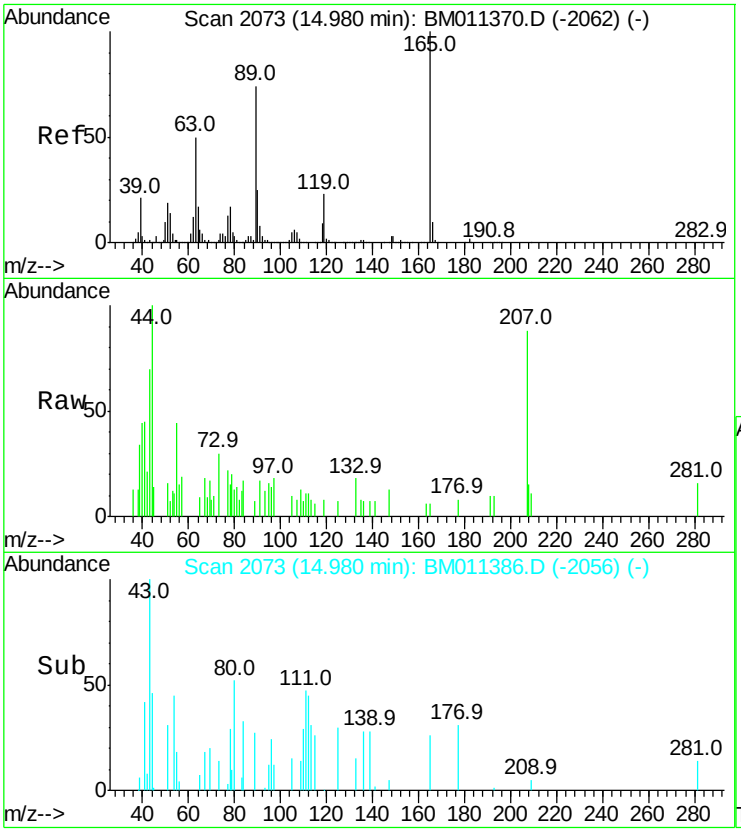


#55
4-Nitrophenol
Concen: 0.036 ng
RT: 14.81 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BM011386.D
Acq: 31 Aug 2017 23:45

Tgt Ion:139 Resp: 727

Ion	Ratio	Lower	Upper
139	100		
109	119.7	130.0	170.0#
65	120.2	130.0	170.0#



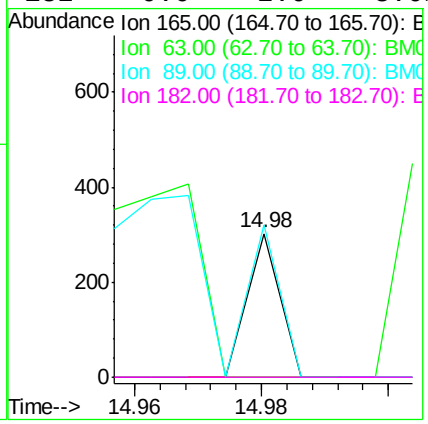


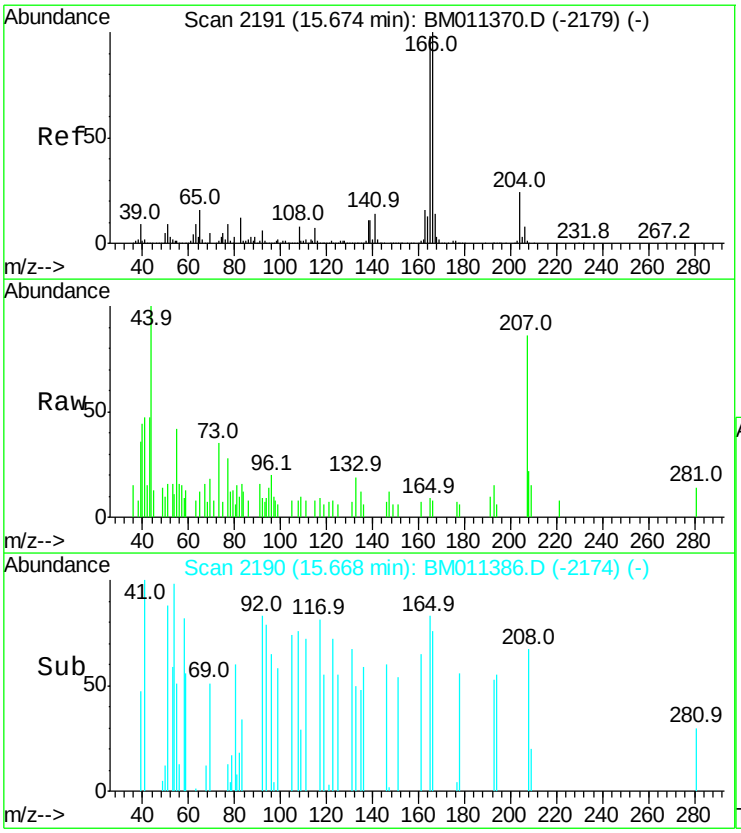
#56
2,4-Dinitrotoluene
Concen: 5.142 ng
RT: 14.98 min Scan# 2073
Delta R.T. 0.00 min
Lab File: BM011386.D
Acq: 31 Aug 2017 23:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:165 Resp: 107

Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.4	78.6#
89	105.9	72.4	108.6
182	0.0	2.0	3.0#

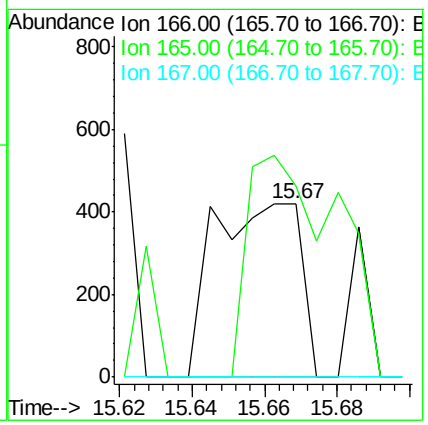


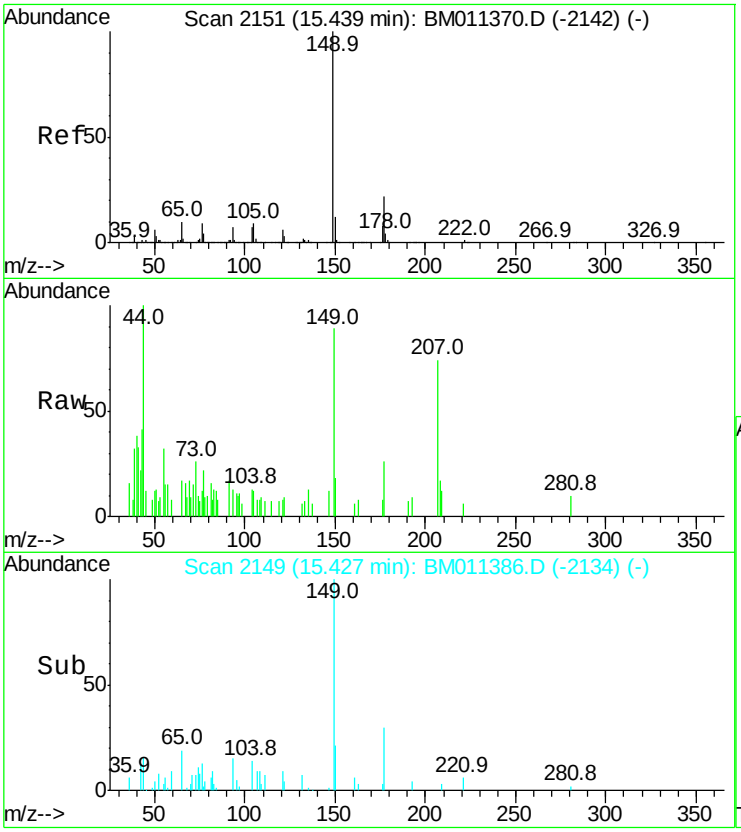


#57
Fluorene
Concen: 0.006 ng
RT: 15.67 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BM011386.D
Acq: 31 Aug 2017 23:45

Tgt Ion:166 Resp: 697

Ion	Ratio	Lower	Upper
166	100		
165	109.7	79.0	118.4
167	0.0	10.3	15.5#



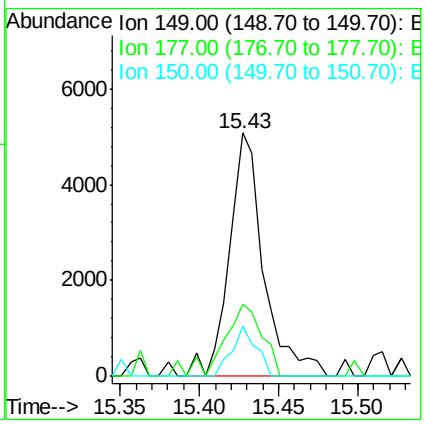


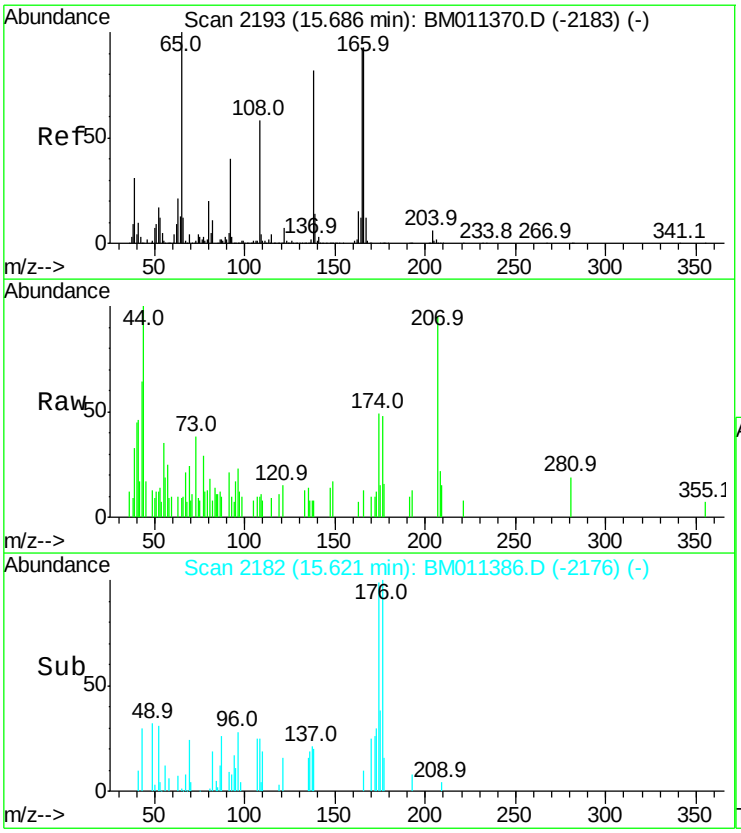
#59
Diethylphthalate
Concen: 0.070 ng
RT: 15.43 min Scan# 2149
Delta R.T. -0.01 min
Lab File: BM011386.D
Acq: 31 Aug 2017 23:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 7664

Ion	Ratio	Lower	Upper
149	100		
177	29.6	18.3	27.5#
150	20.6	9.8	14.8#

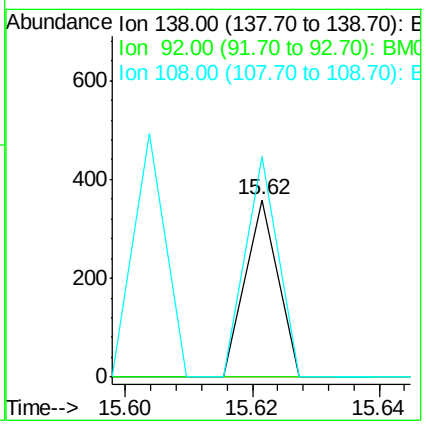


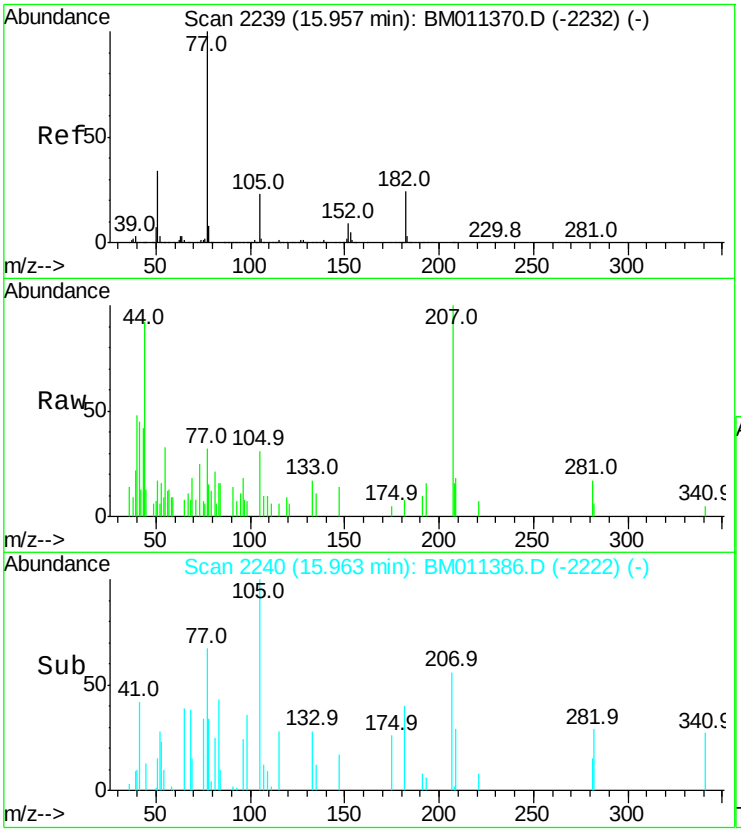


#61
4-Nitroaniline
Concen: 0.005 ng
RT: 15.62 min Scan# 2182
Delta R.T. -0.06 min
Lab File: BM011386.D
Acq: 31 Aug 2017 23:45

Tgt Ion:138 Resp: 127

Ion	Ratio	Lower	Upper
138	100		
92	0.0	16.7	56.7#
108	124.2	37.6	77.6#



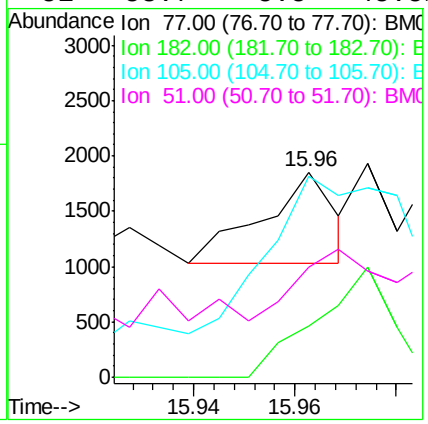


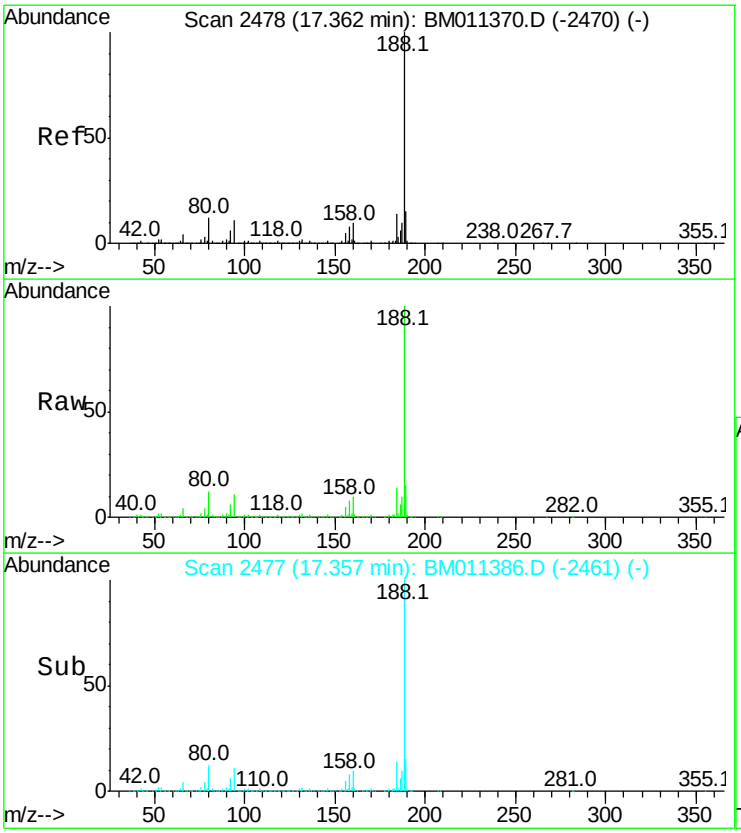
#62
Azobenzene
Concen: 0.008 ng
RT: 15.96 min Scan# 2240
Delta R.T. 0.01 min
Lab File: BM011386.D
Acq: 31 Aug 2017 23:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 819

Ion	Ratio	Lower	Upper
77	100		
182	25.2	6.5	46.5
105	97.6	3.8	43.8#
51	53.7	5.5	45.5#

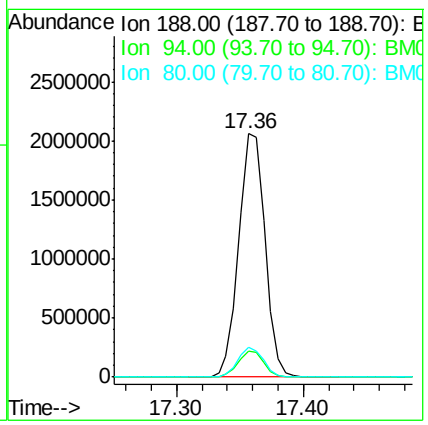


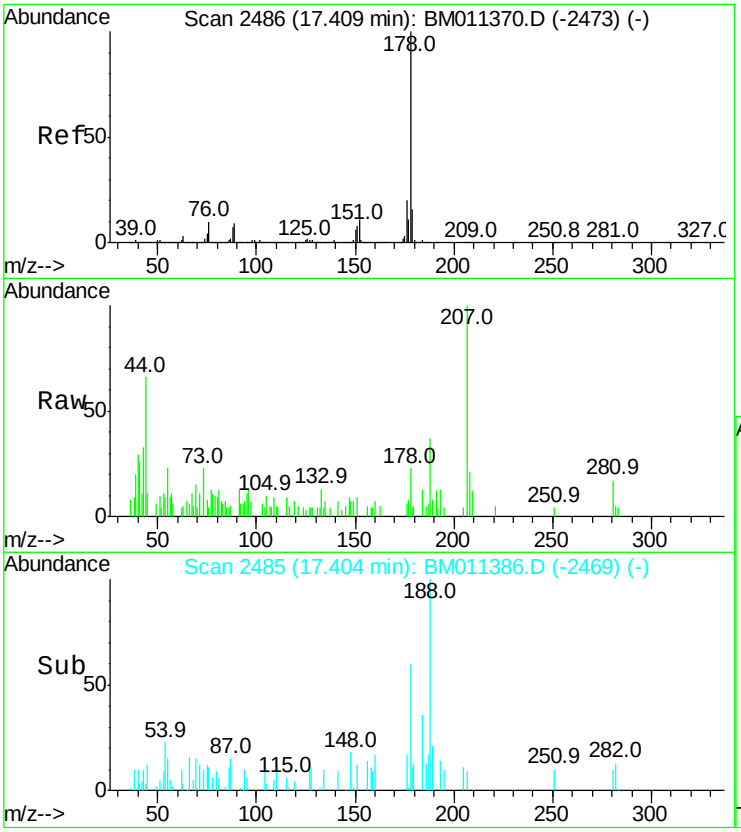


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.36 min Scan# 2477
Delta R.T. -0.01 min
Lab File: BM011386.D
Acq: 31 Aug 2017 23:45

Tgt Ion:188 Resp: 2958045

Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.7	13.1
80	12.0	9.3	13.9



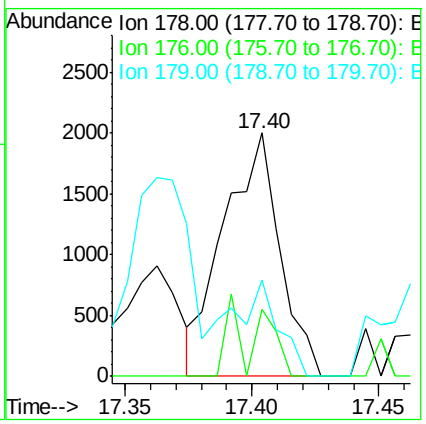


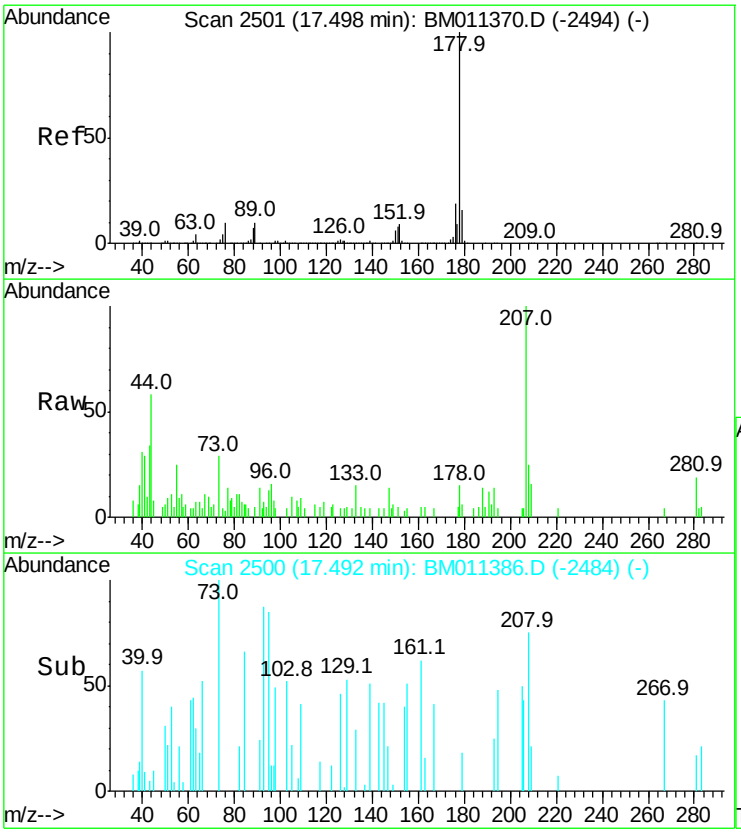
#70
Phenanthrene
Concen: 0.019 ng
RT: 17.40 min Scan# 2485
Delta R.T. -0.01 min
Lab File: BM011386.D
Acq: 31 Aug 2017 23:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 3070

Ion	Ratio	Lower	Upper
178	100		
176	27.7	15.2	22.8#
179	39.8	12.1	18.1#

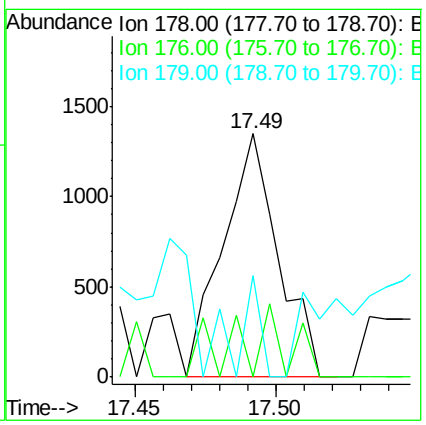


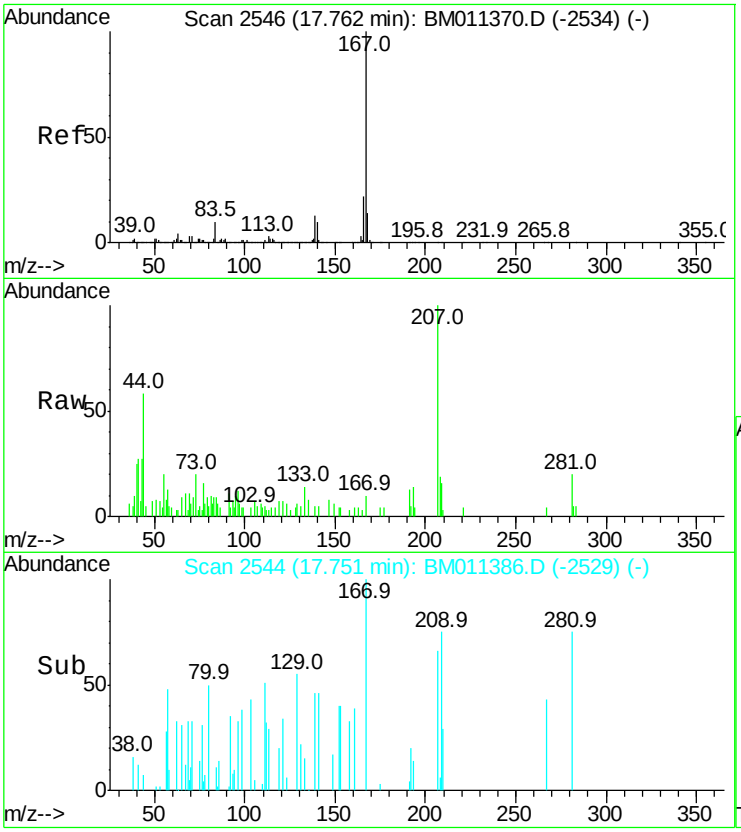


#71
Anthracene
Concen: 0.011 ng
RT: 17.49 min Scan# 2500
Delta R.T. -0.01 min
Lab File: BM011386.D
Acq: 31 Aug 2017 23:45

Tgt Ion:178 Resp: 1833

Ion	Ratio	Lower	Upper
178	100		
176	0.0	14.6	22.0#
179	41.7	12.6	19.0#



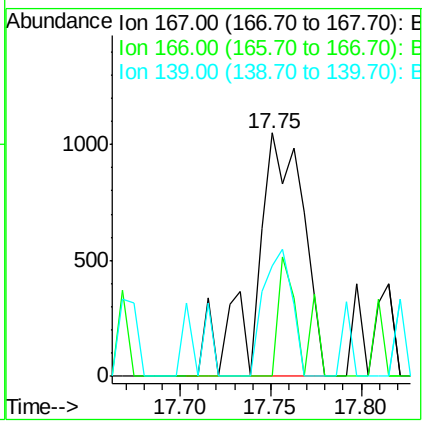


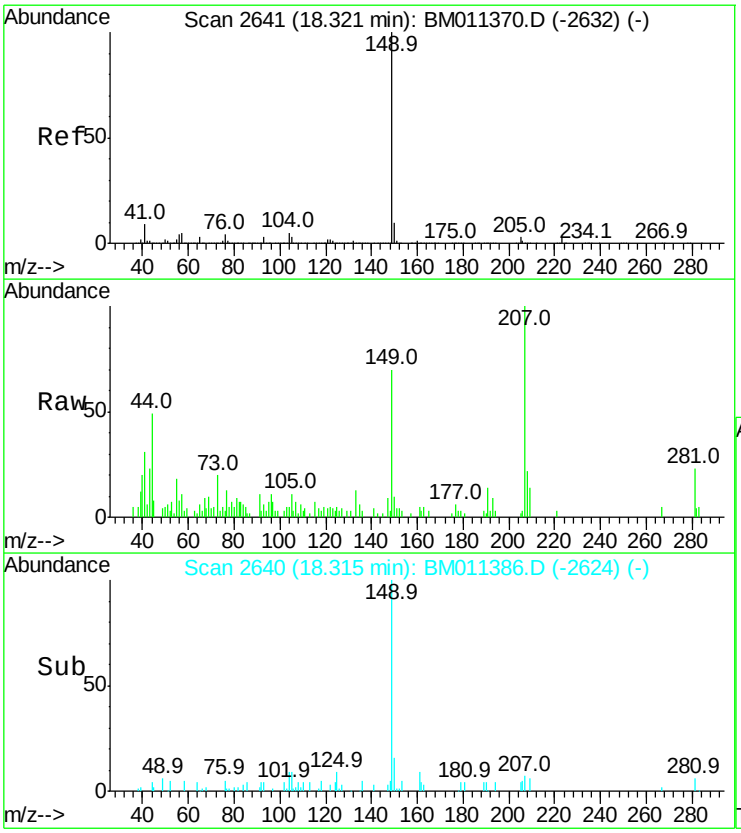
#72
Carbazole
Concen: 0.012 ng
RT: 17.75 min Scan# 2544
Delta R.T. -0.01 min
Lab File: BM011386.D
Acq: 31 Aug 2017 23:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:167 Resp: 1964

Ion	Ratio	Lower	Upper
167	100		
166	0.0	17.2	25.8#
139	45.6	10.8	16.2#

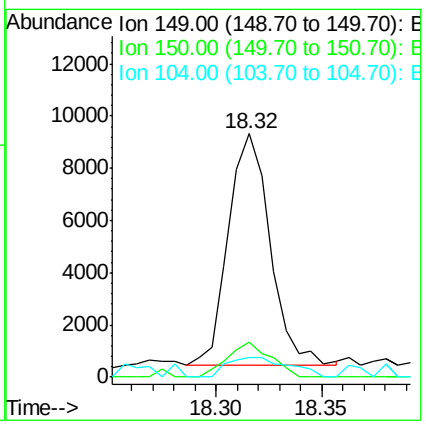


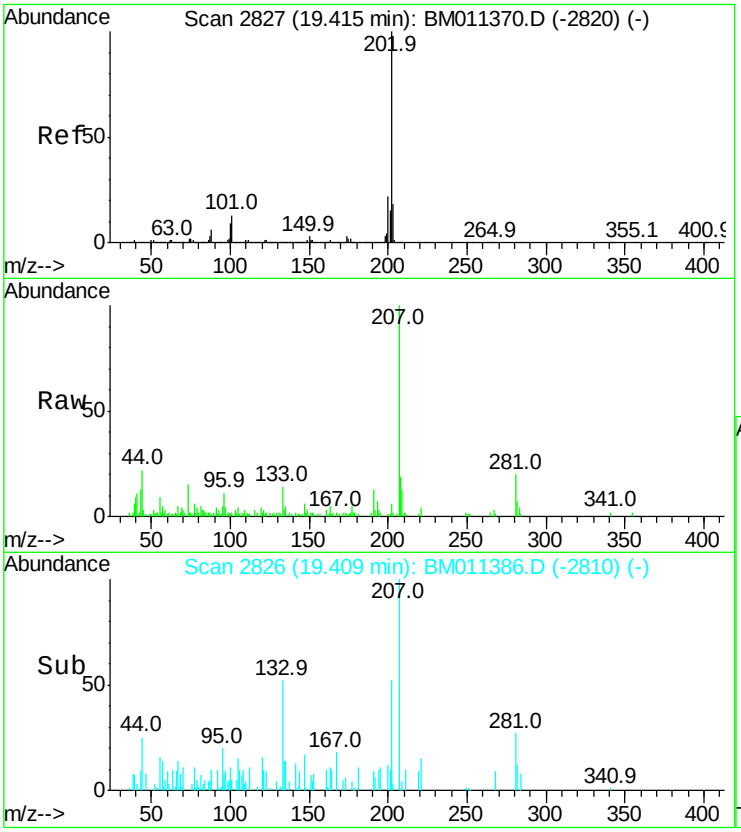


#73
Di-n-butylphthalate
Concen: 0.066 ng
RT: 18.32 min Scan# 2640
Delta R.T. -0.01 min
Lab File: BM011386.D
Acq: 31 Aug 2017 23:45

Tgt Ion:149 Resp: 12209

Ion	Ratio	Lower	Upper
149	100		
150	14.6	7.5	11.3#
104	7.8	3.7	5.5#



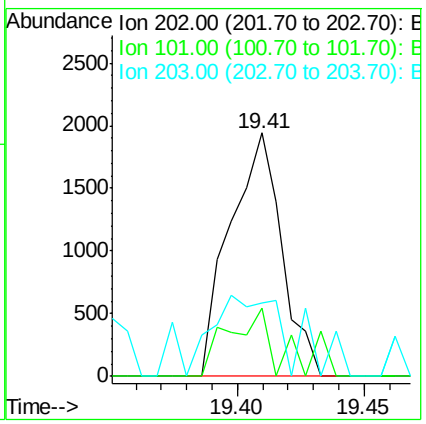


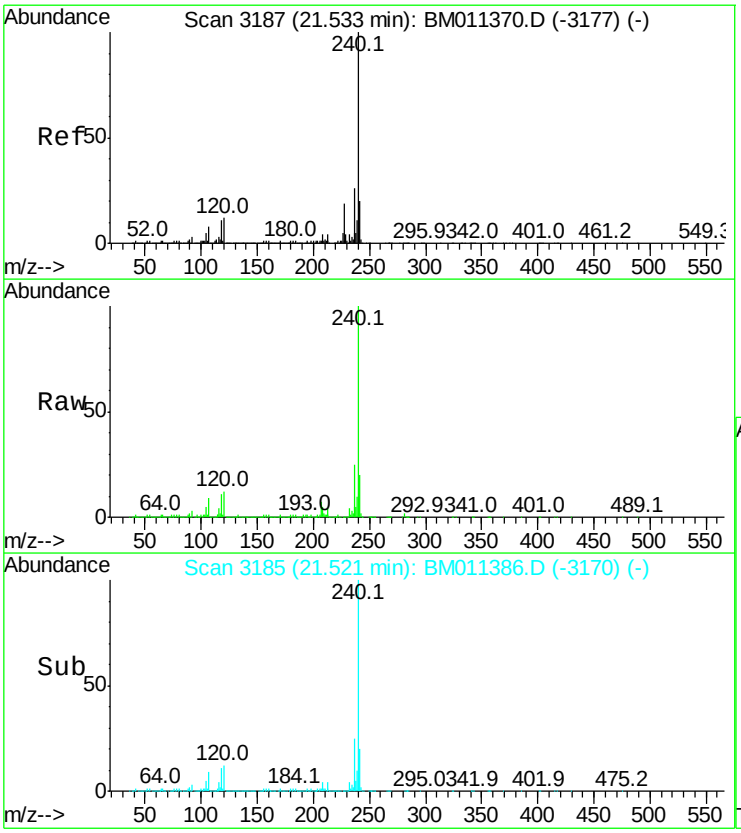
#74
Fluoranthene
Concen: 0.015 ng
RT: 19.41 min Scan# 2826
Delta R.T. -0.01 min
Lab File: BM011386.D
Acq: 31 Aug 2017 23:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 2764

Ion	Ratio	Lower	Upper
202	100		
101	28.2	0.0	28.7
203	30.3	0.0	37.2

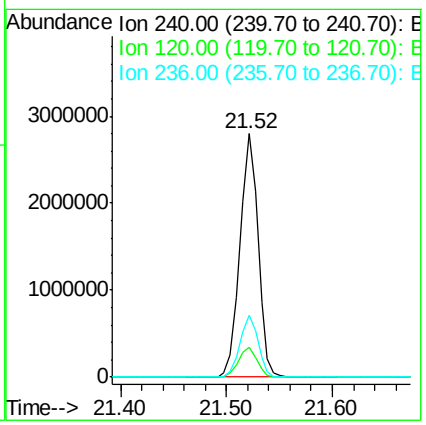


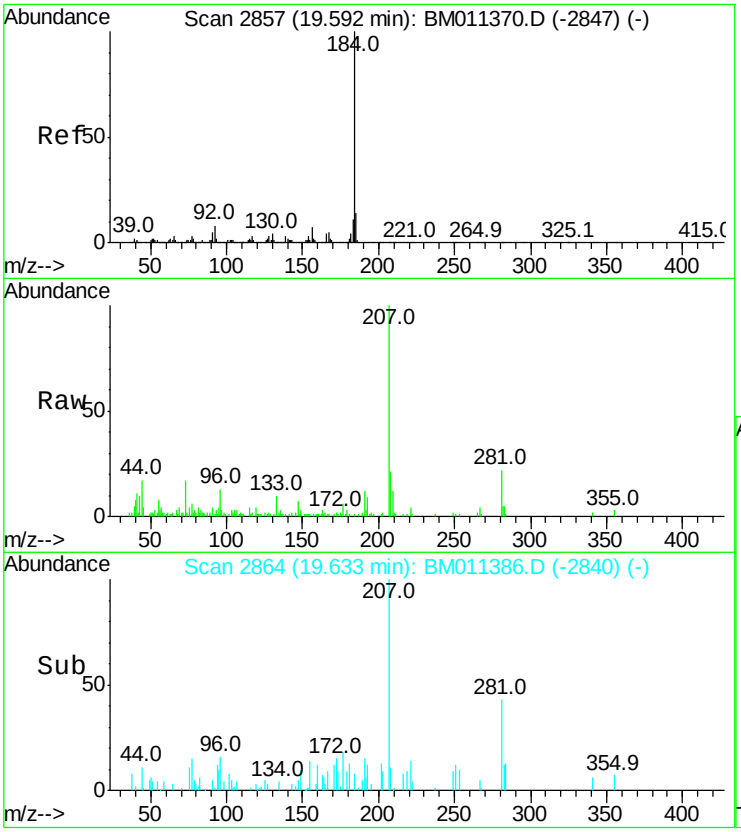


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.52 min Scan# 3185
Delta R.T. -0.01 min
Lab File: BM011386.D
Acq: 31 Aug 2017 23:45

Tgt Ion:240 Resp: 3306366

Ion	Ratio	Lower	Upper
240	100		
120	12.5	8.2	12.2#
236	25.4	20.0	30.0



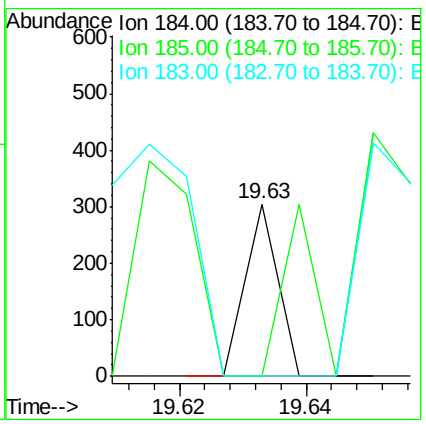


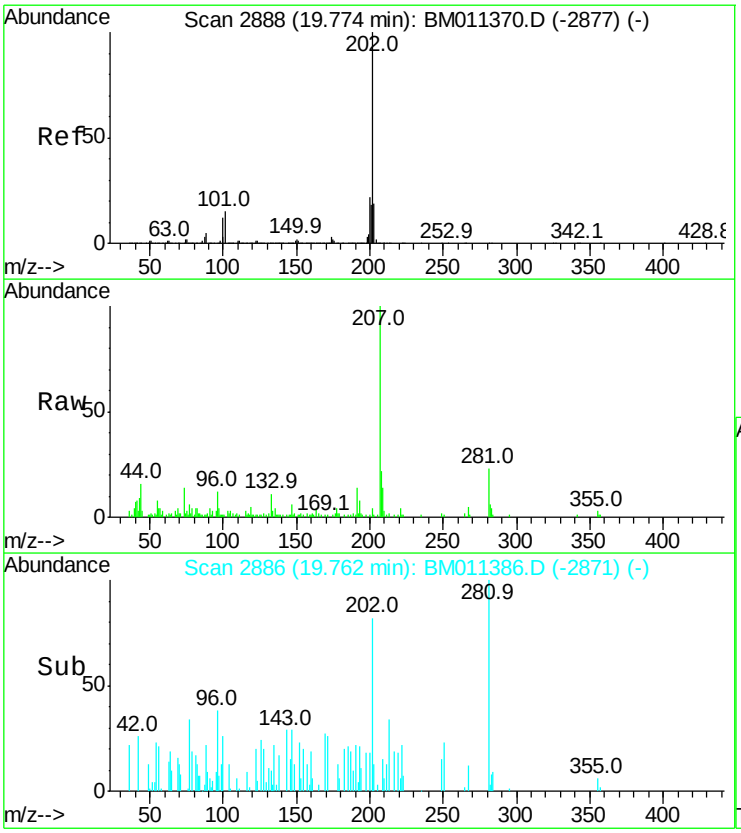
#76
Benzidine
Concen: 0.002 ng
RT: 19.63 min Scan# 2864
Delta R.T. 0.04 min
Lab File: BM011386.D
Acq: 31 Aug 2017 23:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:184 Resp: 108

Ion	Ratio	Lower	Upper
184	100		
185	0.0	11.3	16.9#
183	0.0	8.9	13.3#

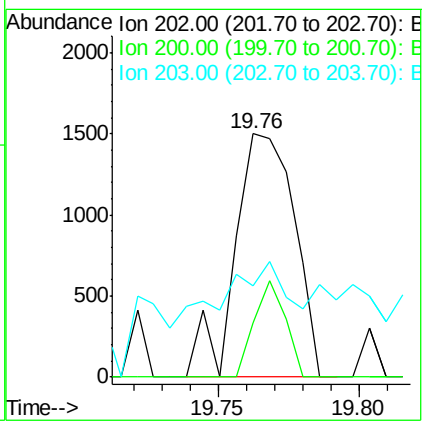


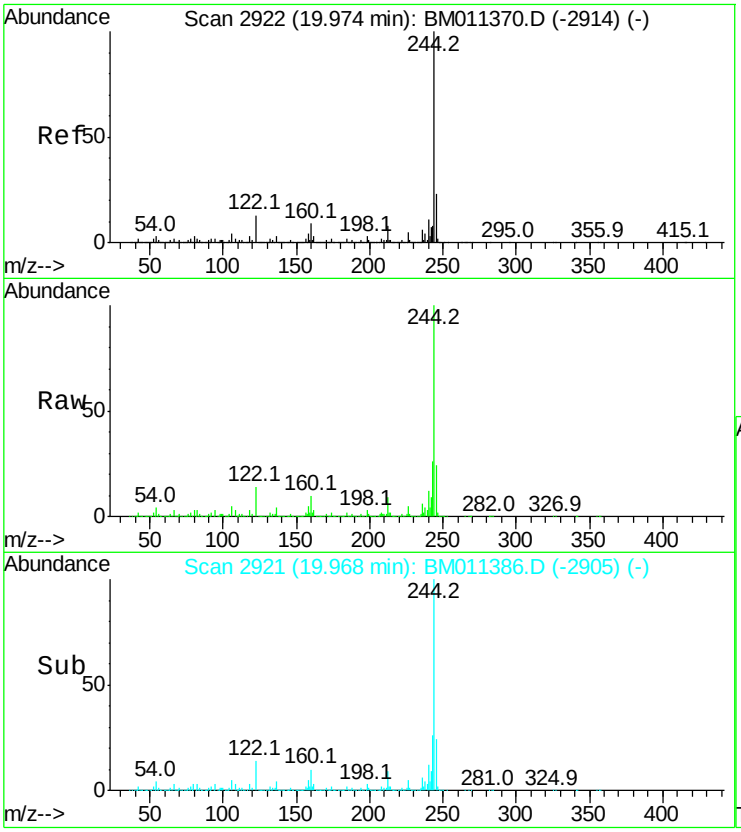


#77
Pyrene
Concen: 0.011 ng
RT: 19.76 min Scan# 2886
Delta R.T. -0.01 min
Lab File: BM011386.D
Acq: 31 Aug 2017 23:45

Tgt Ion:202 Resp: 2199

Ion	Ratio	Lower	Upper
202	100		
200	22.1	16.9	25.3
203	37.3	14.1	21.1#



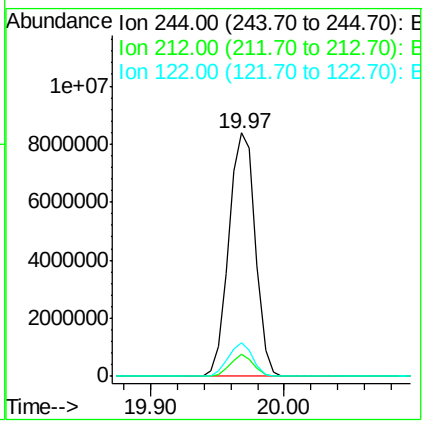


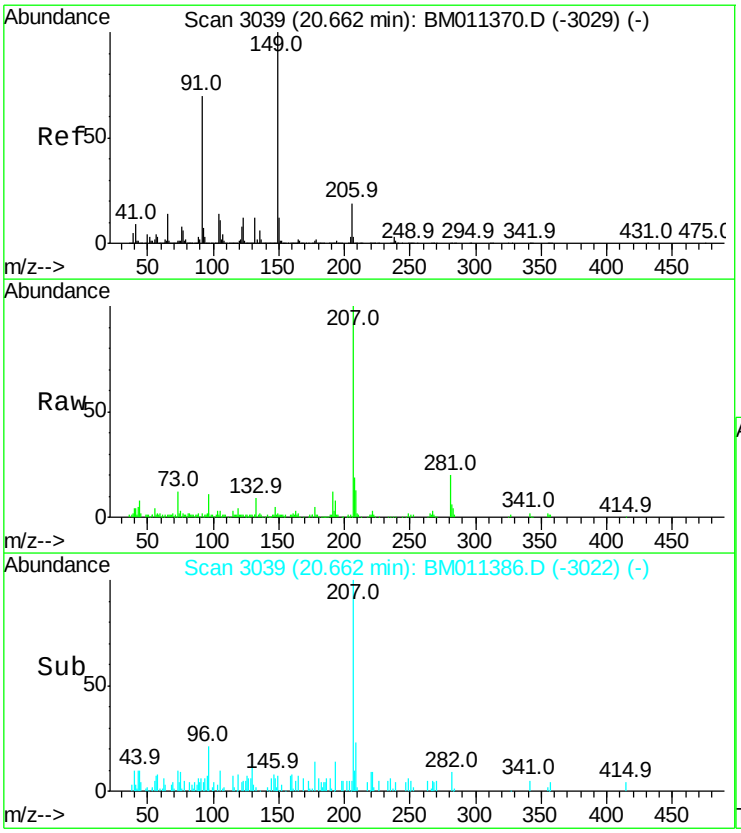
#78
Terphenyl-d14
Concen: 87.345 ng
RT: 19.97 min Scan# 2921
Delta R.T. -0.01 min
Lab File: BM011386.D
Acq: 31 Aug 2017 23:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:244 Resp:11639258

Ion	Ratio	Lower	Upper
244	100		
212	9.0	4.9	7.3#
122	13.9	6.2	9.4#

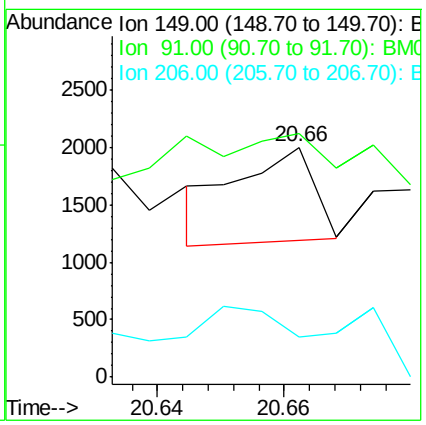


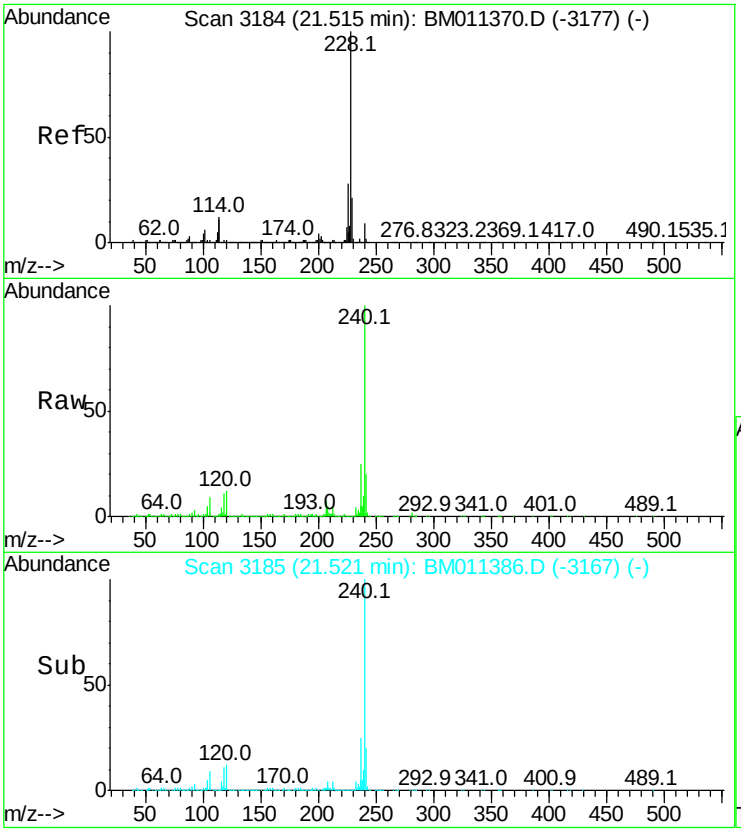


#79
Butylbenzylphthalate
Concen: 0.008 ng
RT: 20.66 min Scan# 3039
Delta R.T. 0.00 min
Lab File: BM011386.D
Acq: 31 Aug 2017 23:45

Tgt Ion:149 Resp: 695

Ion	Ratio	Lower	Upper
149	100		
91	105.9	50.1	75.1#
206	17.6	16.2	24.2



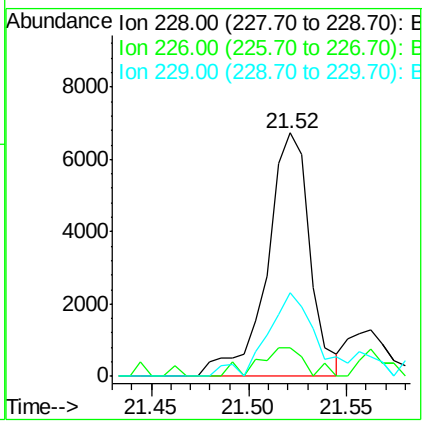


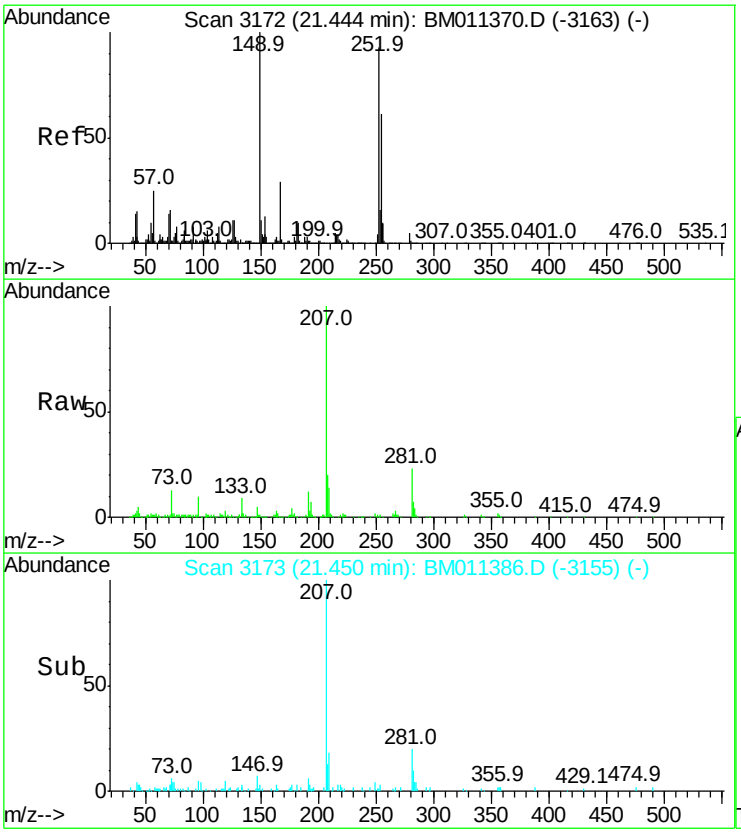
#80
Benzo(a)anthracene
Concen: 0.055 ng
RT: 21.52 min Scan# 3185
Delta R.T. 0.01 min
Lab File: BM011386.D
Acq: 31 Aug 2017 23:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 10202

Ion	Ratio	Lower	Upper
228	100		
226	11.8	21.7	32.5#
229	34.2	16.0	24.0#

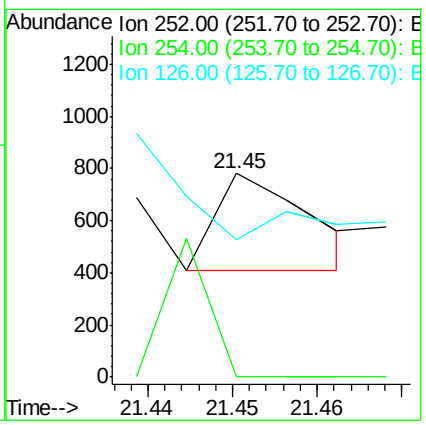


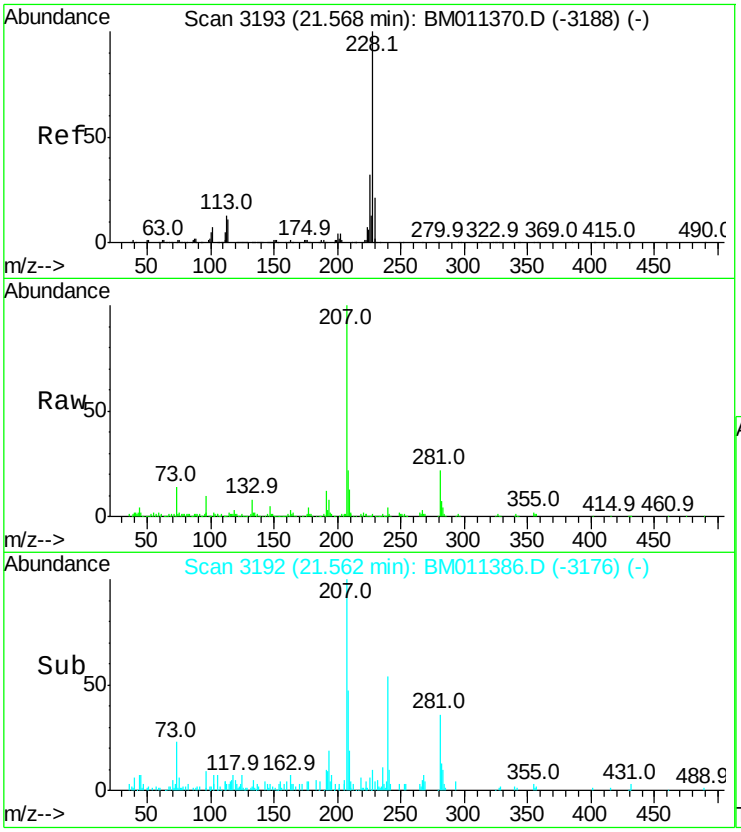


#81
3,3'-Dichlorobenzidine
Concen: 0.004 ng
RT: 21.45 min Scan# 3173
Delta R.T. 0.01 min
Lab File: BM011386.D
Acq: 31 Aug 2017 23:45

Tgt Ion:252 Resp: 279

Ion	Ratio	Lower	Upper
252	100		
254	0.0	51.9	77.9#
126	67.6	9.8	14.8#



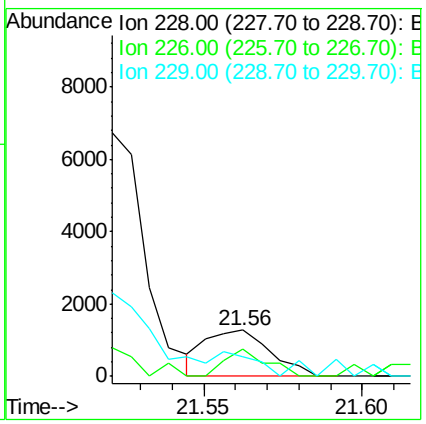


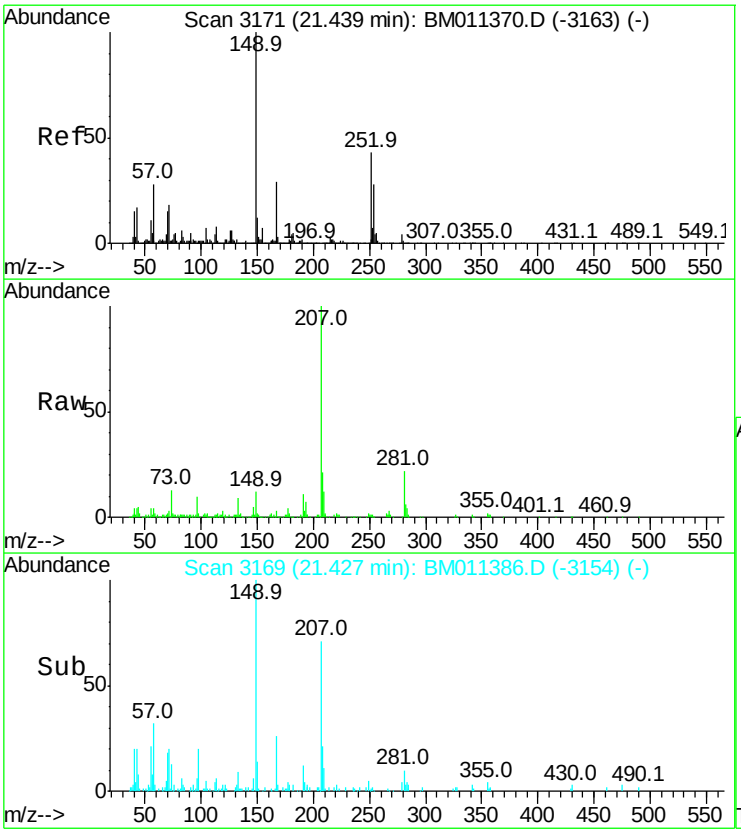
#82
Chrysene
Concen: 0.010 ng
RT: 21.56 min Scan# 3192
Delta R.T. -0.01 min
Lab File: BM011386.D
Acq: 31 Aug 2017 23:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 1827

Ion	Ratio	Lower	Upper
228	100		
226	60.5	24.1	36.1#
229	43.9	15.5	23.3#

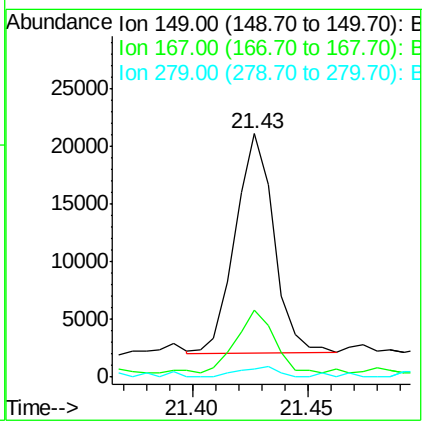


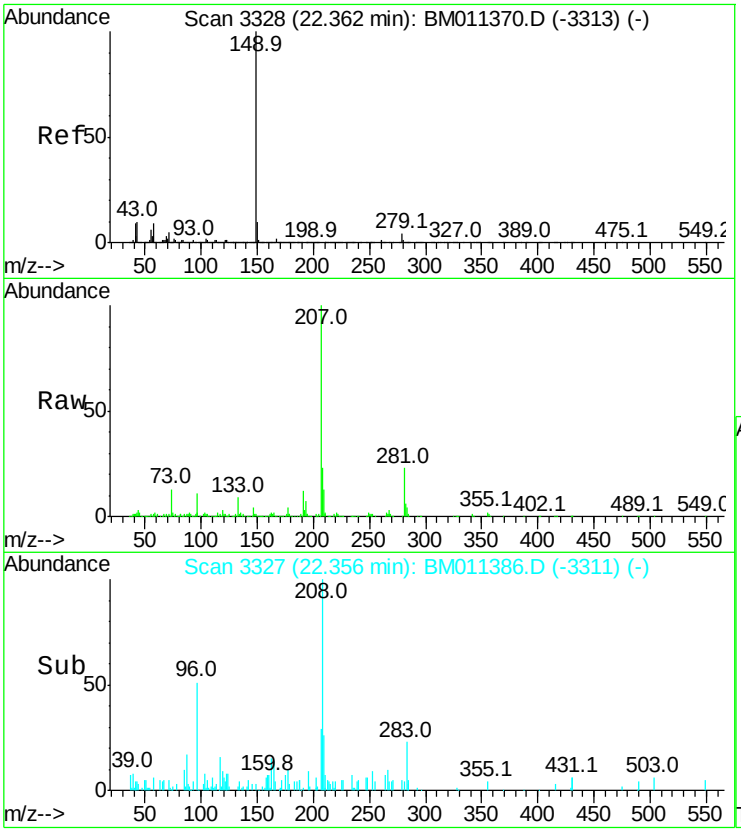


#83
Bis(2-ethylhexyl)phthalate
Concen: 0.170 ng
RT: 21.43 min Scan# 3169
Delta R.T. -0.01 min
Lab File: BM011386.D
Acq: 31 Aug 2017 23:45

Tgt Ion:149 Resp: 22272

Ion	Ratio	Lower	Upper
149	100		
167	27.3	22.4	33.6
279	3.3	3.4	5.0#



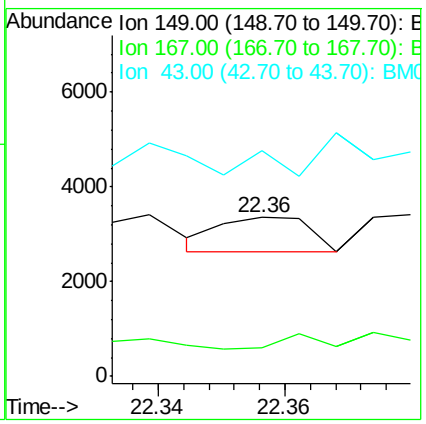


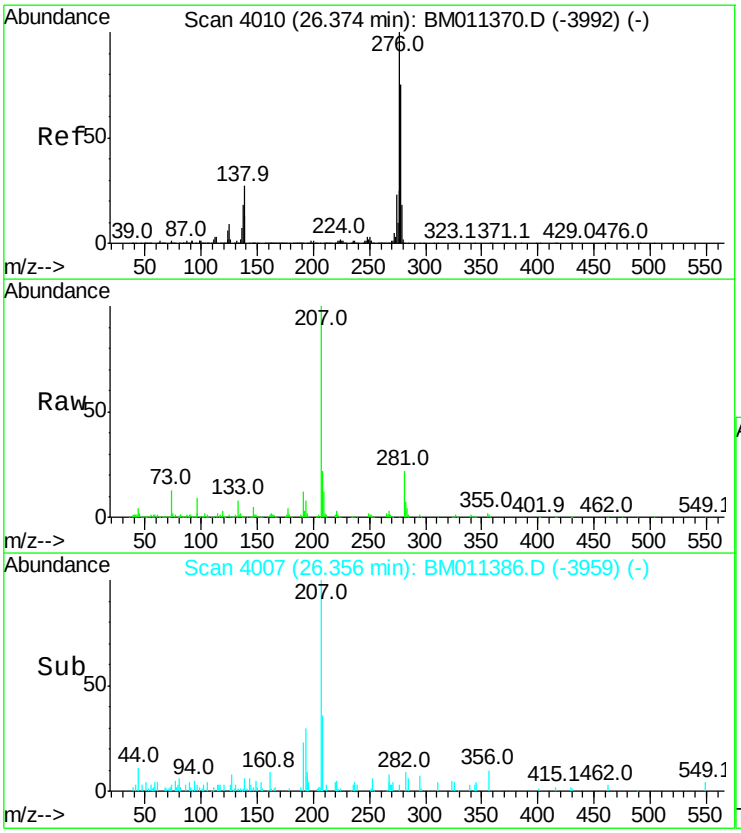
#84
Di-n-octyl phthalate
Concen: 0.003 ng
RT: 22.36 min Scan# 3327
Delta R.T. -0.01 min
Lab File: BM011386.D
Acq: 31 Aug 2017 23:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 723

Ion	Ratio	Lower	Upper
149	100		
167	27.1	1.2	1.8#
43	142.3	7.3	10.9#

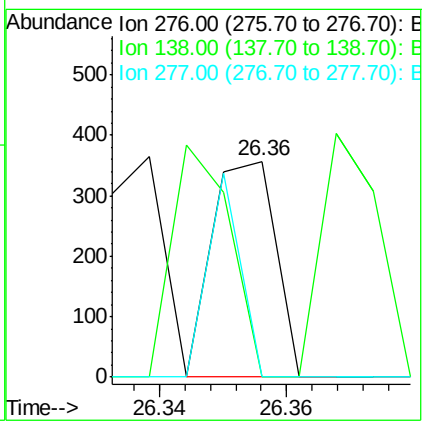


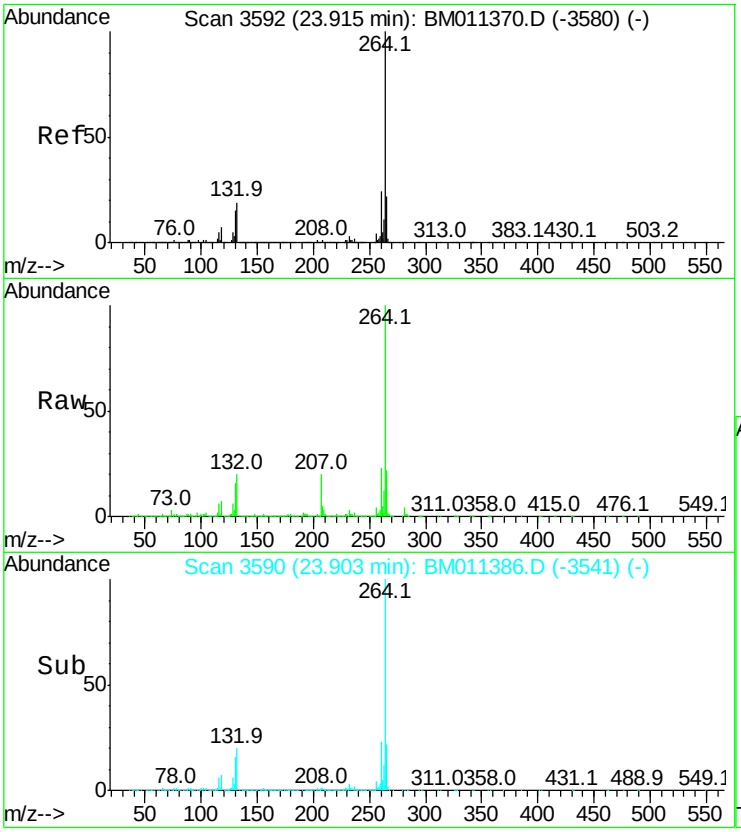


#85
Indeno(1,2,3-cd)pyrene
Concen: 0.002 ng
RT: 26.36 min Scan# 4007
Delta R.T. -0.02 min
Lab File: BM011386.D
Acq: 31 Aug 2017 23:45

Tgt Ion:276 Resp: 246

Ion	Ratio	Lower	Upper
276	100		
138	98.8	12.0	18.0#
277	48.4	20.0	30.0#



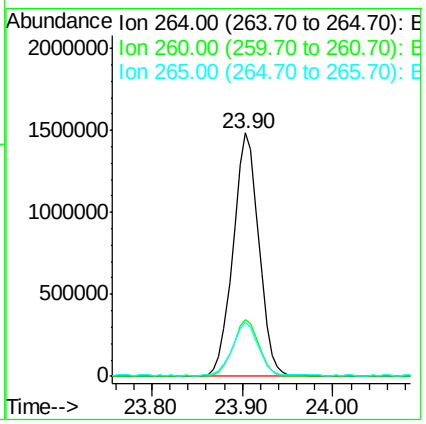


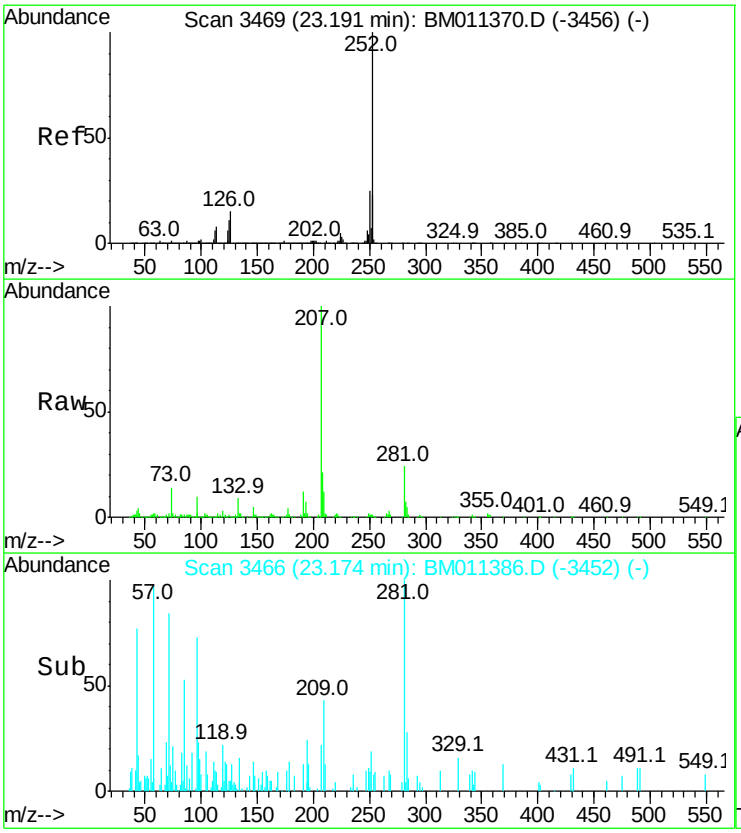
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.90 min Scan# 3590
Delta R.T. -0.01 min
Lab File: BM011386.D
Acq: 31 Aug 2017 23:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:264 Resp: 2948164

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	27.8
265	22.1	17.3	25.9

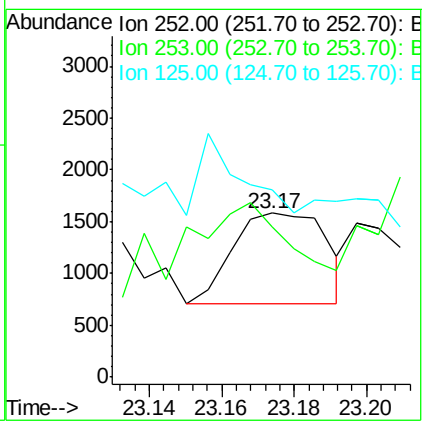


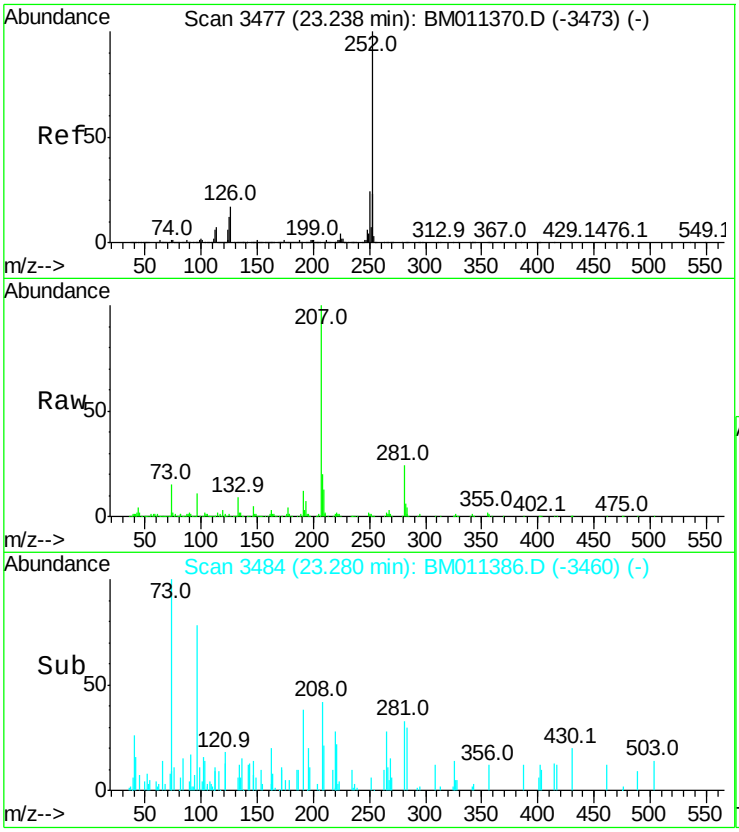


#87
Benzo(b)fluoranthene
Concen: 0.009 ng
RT: 23.17 min Scan# 3466
Delta R.T. -0.02 min
Lab File: BM011386.D
Acq: 31 Aug 2017 23:45

Tgt Ion:252 Resp: 1582

Ion	Ratio	Lower	Upper
252	100		
253	92.0	18.0	27.0#
125	114.1	9.9	14.9#



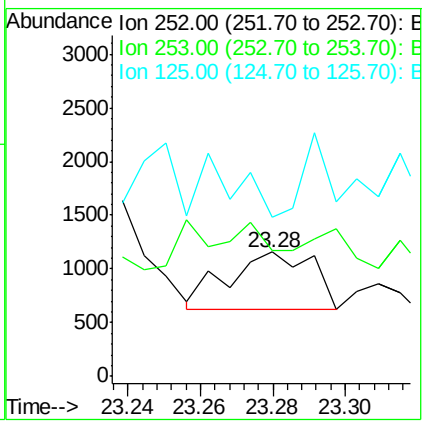


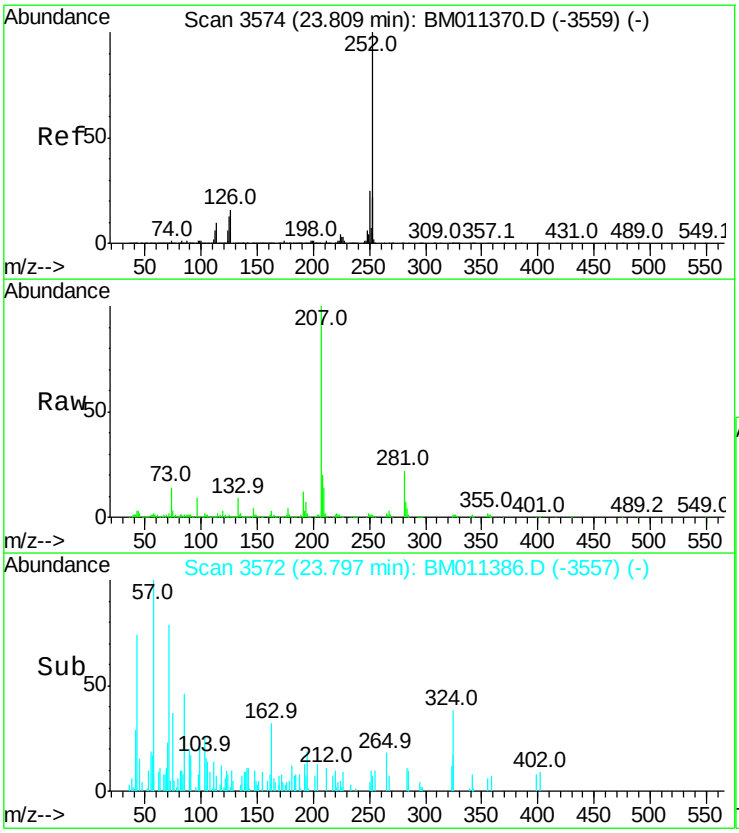
#88
Benzo(k)fluoranthene
Concen: 0.005 ng
RT: 23.28 min Scan# 3484
Delta R.T. 0.04 min
Lab File: BM011386.D
Acq: 31 Aug 2017 23:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 854

Ion	Ratio	Lower	Upper
252	100		
253	101.9	17.2	25.8#
125	128.0	8.1	12.1#

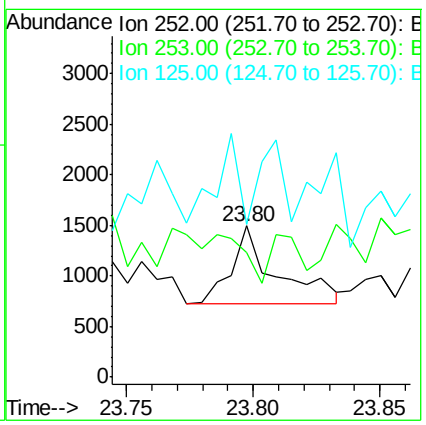


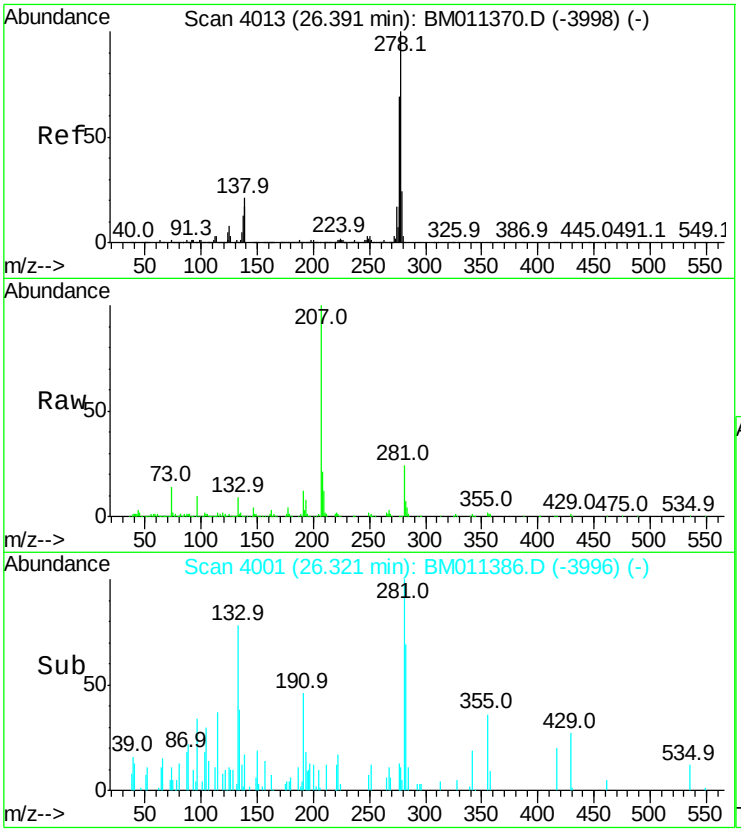


#89
Benzo(a)pyrene
Concen: 0.006 ng
RT: 23.80 min Scan# 3572
Delta R.T. -0.01 min
Lab File: BM011386.D
Acq: 31 Aug 2017 23:45

Tgt Ion:252 Resp: 956

Ion	Ratio	Lower	Upper
252	100		
253	82.5	17.6	26.4#
125	100.5	7.4	11.2#



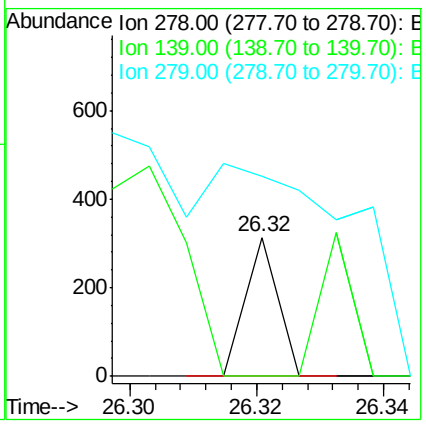


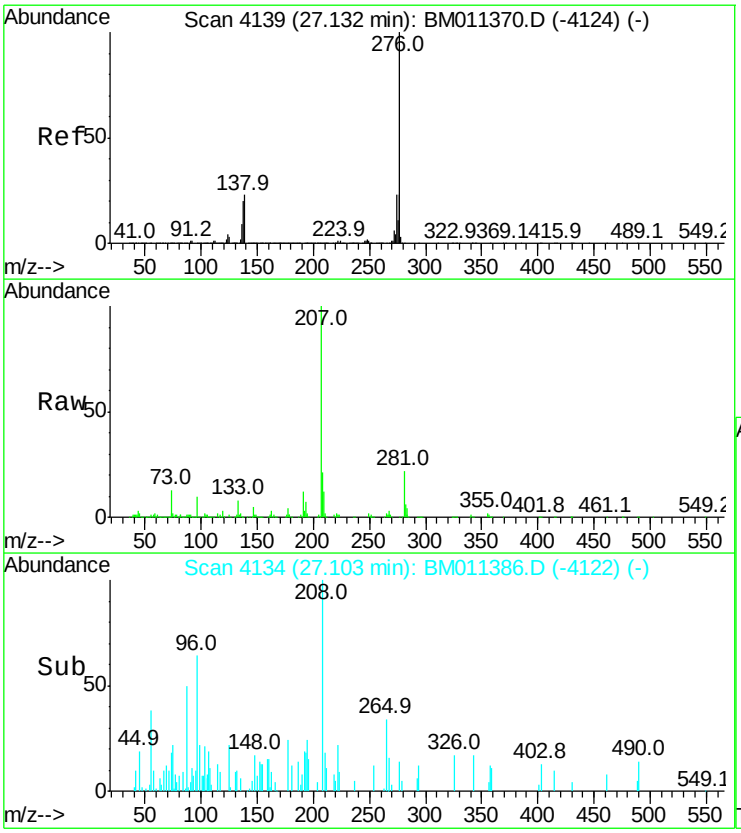
#90
Dibenzo(a,h)anthracene
Concen: 0.001 ng
RT: 26.32 min Scan# 4001
Delta R.T. -0.07 min
Lab File: BM011386.D
Acq: 31 Aug 2017 23:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 110

Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.4	20.0#
279	144.4	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 0.003 ng
RT: 27.10 min Scan# 4134
Delta R.T. -0.03 min
Lab File: BM011386.D
Acq: 31 Aug 2017 23:45

Tgt Ion:276 Resp: 349

Ion	Ratio	Lower	Upper
276	100		
277	0.0	18.5	27.7#
138	0.0	19.0	28.6#