Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042419\
Data File : BM020069.D
Acq On : 24 Apr 2019 17:52
Operator : JU/SJ
Sample : K2200-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Apr 25 01:48:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM041519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 19 00:56:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	88062	20.00	ng	-0.02
21) Naphthalene-d8	10.27	136	260652	20.00	ng	-0.01
39) Acenaphthene-d10	14.16	164	169116	20.00	ng	-0.01
64) Phenanthrene-d10	16.93	188	352553	20.00	ng	-0.01
76) Chrysene-d12	21.15	240	325174	20.00	ng	-0.01
87) Perylene-d12	23.33	264	377169	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	664550	122.30	ng	-0.02
7) Phenol-d6	6.68	99	745547	91.17	ng	-0.03
23) Nitrobenzene-d5	8.66	82	628027	107.75	ng	-0.02
42) 2,4,6-Tribromophenol	15.67	330	332857	122.27	ng	-0.02
45) 2-Fluorobiphenyl	12.76	172	1285729	94.75	ng	-0.03
79) Terphenyl-d14	19.57	244	2036642	110.47	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.07	88	377	0.161	ng	# 1
4) n-Nitrosodimethylamine	3.43	42	185	0.087	ng	# 1
9) Benzaldehyde	6.69	77	2211	Below Cal		# 7
15) Benzyl Alcohol	7.79	79	12590	1.693	ng	# 47
16) 2,2'-oxybis(1-Chloropropan	8.02	45	131	0.021	ng	# 51
24) Nitrobenzene	8.66	77	3178	0.526	ng	# 47
25) Isophorone	9.24	82	706	0.062	ng	# 69
46) 1,1'-Biphenyl	13.02	154	989	0.068	ng	# 42
52) Acenaphthene	14.17	154	129	0.012	ng	# 4
60) Diethylphthalate	15.03	149	131	0.008	ng	# 60
71) Phenanthrene	16.99	178	514	0.025	ng	# 60
74) Di-n-butylphthalate	17.92	149	2280	0.089	ng	# 78
75) Fluoranthene	19.05	202	185	0.008	ng	64
78) Pyrene	19.40	202	244	0.011	ng	# 57
80) Butylbenzylphthalate	20.29	149	264	0.025	ng	# 19
81) Benzo(a)anthracene	21.14	228	1027	0.050	ng	# 51
83) Chrysene	21.19	228	1418	0.072	ng	# 74
84) Bis(2-ethylhexyl)phthalate	21.04	149	1014	0.065	ng	# 55
85) Di-n-octyl phthalate	21.91	149	542	0.021	ng	# 73
88) Benzo(b)fluoranthene	22.67	252	114	0.005	ng	# 1
89) Benzo(k)fluoranthene	22.69	252	549	0.023	ng	# 1
90) Benzo(a)pyrene	23.23	252	266	0.012	ng	# 1

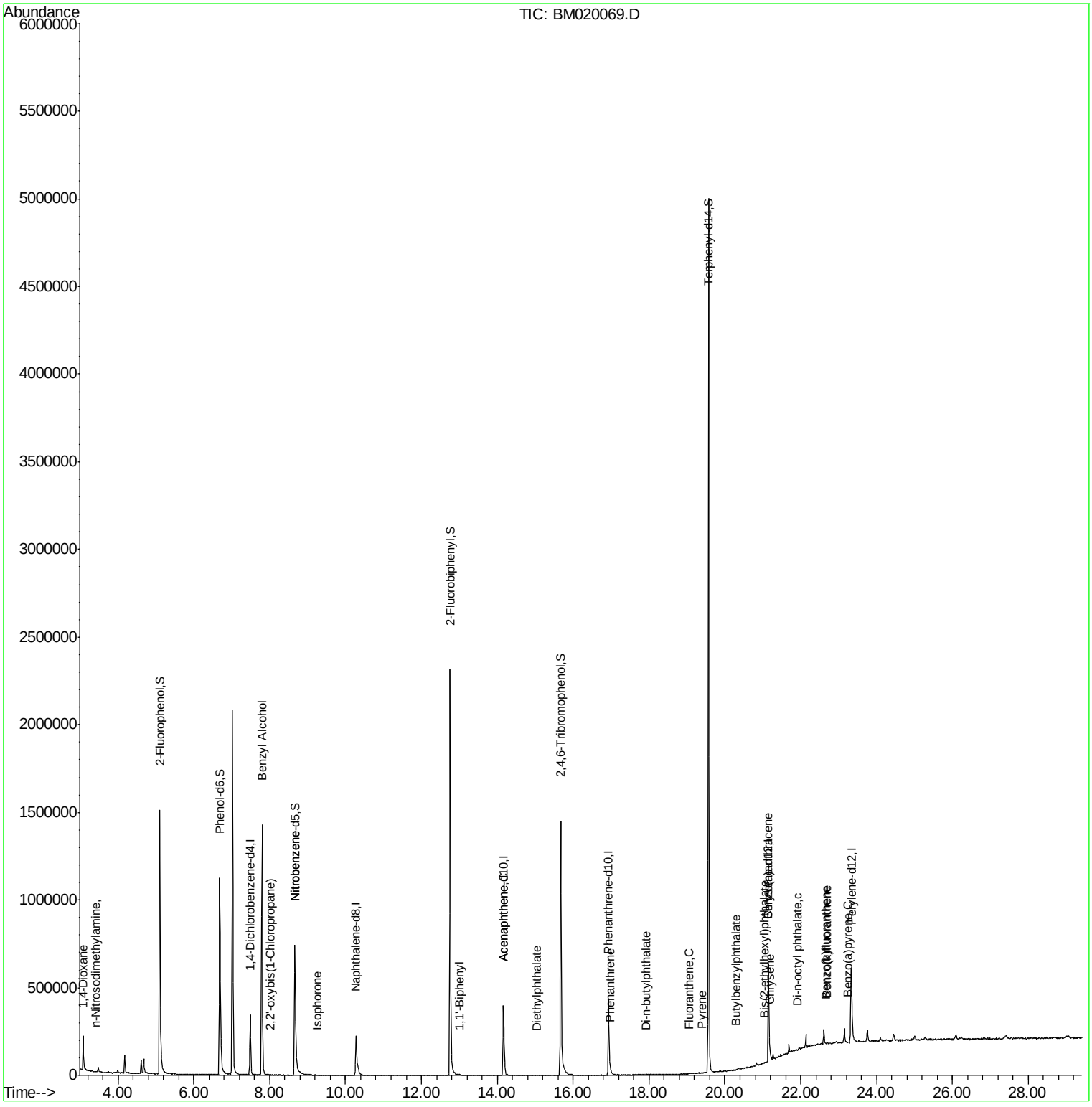
(#) = qualifier out of range (m) = manual integration (+) = signals summed

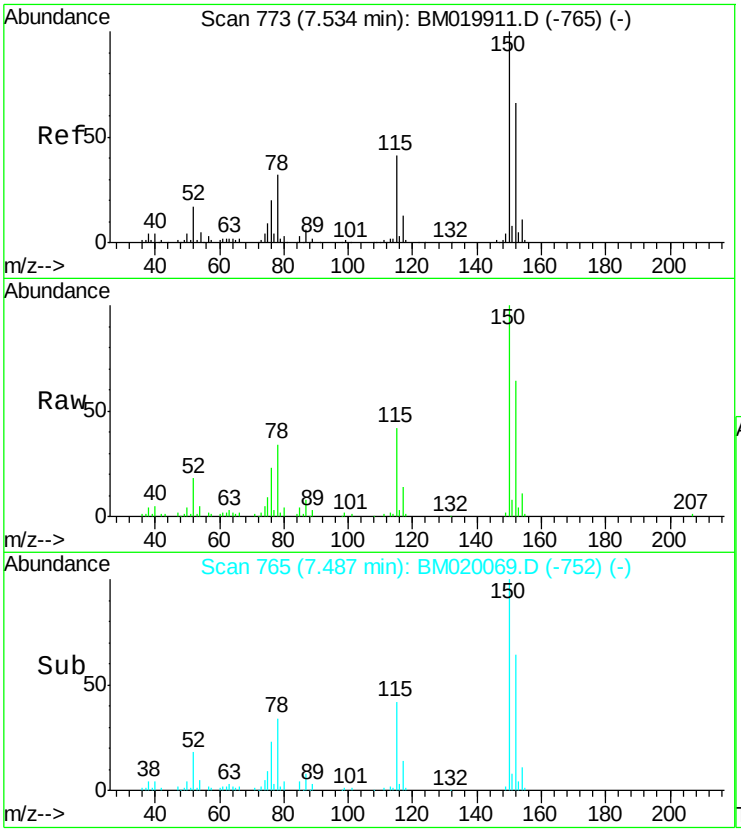
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042419\
Data File : BM020069.D
Acq On : 24 Apr 2019 17:52
Operator : JU/SJ
Sample : K2200-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Apr 25 01:48:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM041519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 19 00:56:08 2019
Response via : Initial Calibration



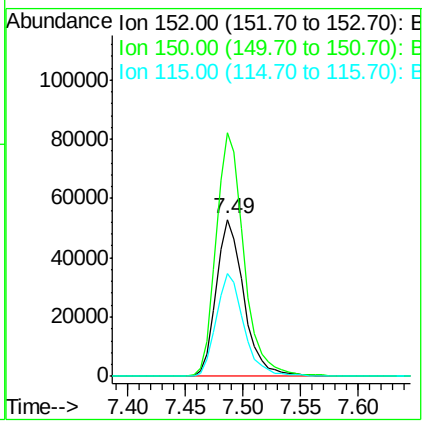


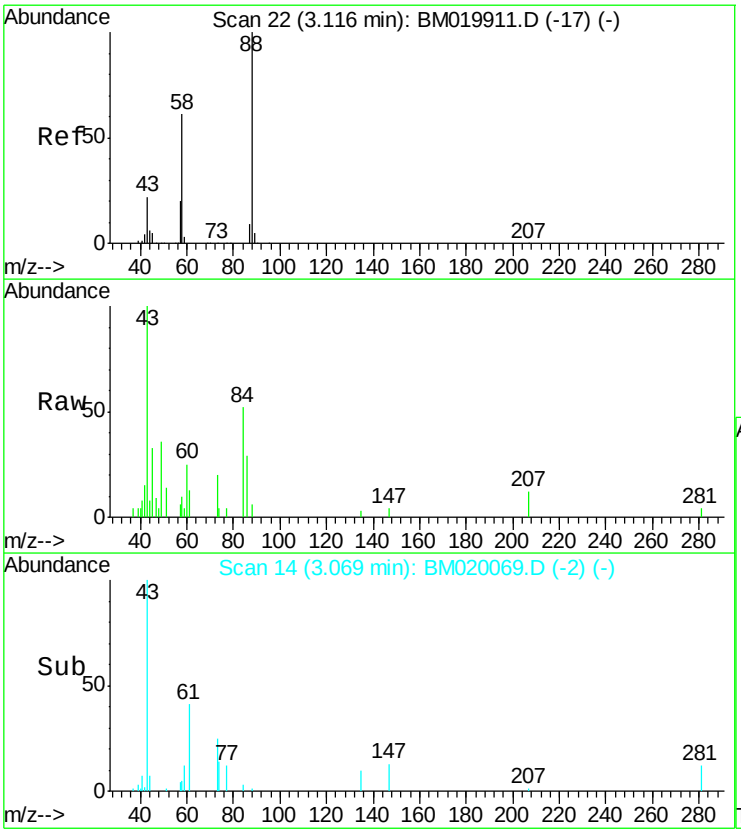
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 765
Delta R.T. -0.02 min
Lab File: BM020069.D
Acq: 24 Apr 2019 17:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 88062

Ion	Ratio	Lower	Upper
152	100		
150	155.2	122.1	183.1
115	65.5	50.0	75.0

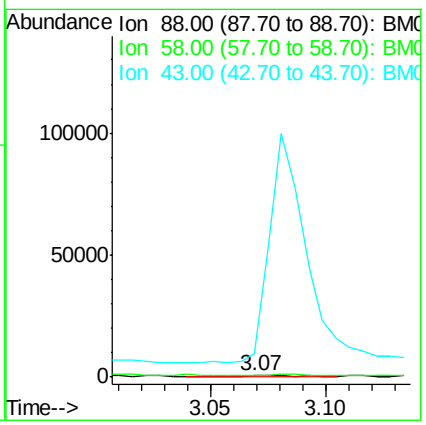


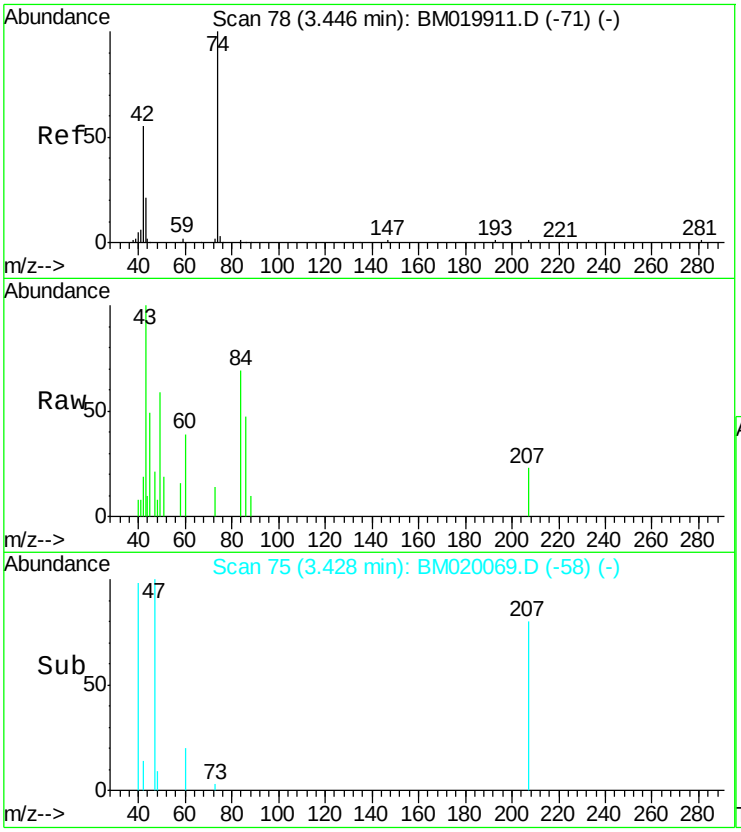


#2
1,4-Dioxane
Concen: 0.161 ng
RT: 3.07 min Scan# 14
Delta R.T. -0.03 min
Lab File: BM020069.D
Acq: 24 Apr 2019 17:52

Tgt Ion: 88 Resp: 377

Ion	Ratio	Lower	Upper
88	100		
58	204.0	49.6	74.4#
43	28923.6	18.6	27.8#



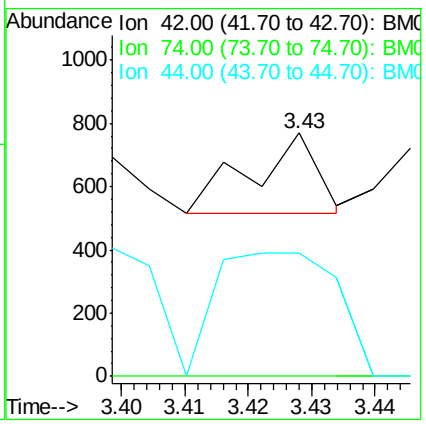


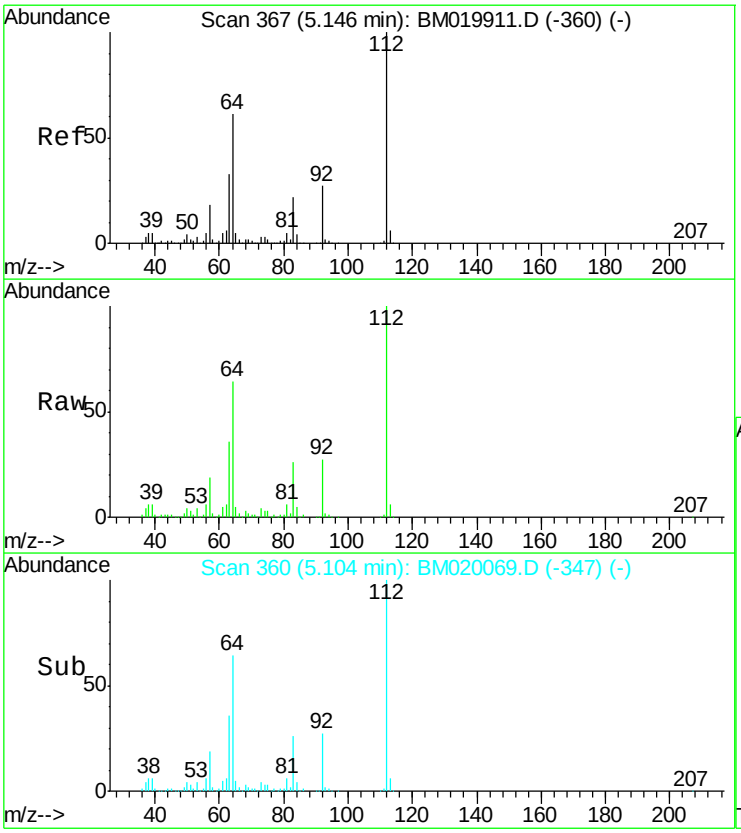
#4
n-Nitrosodimethylamine
Concen: 0.087 ng
RT: 3.43 min Scan# 75
Delta R.T. -0.00 min
Lab File: BM020069.D
Acq: 24 Apr 2019 17:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 42 Resp: 185

Ion	Ratio	Lower	Upper
42	100		
74	0.0	144.6	217.0#
44	50.6	5.4	8.2#

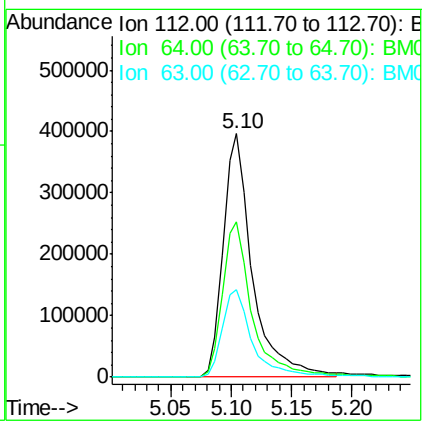


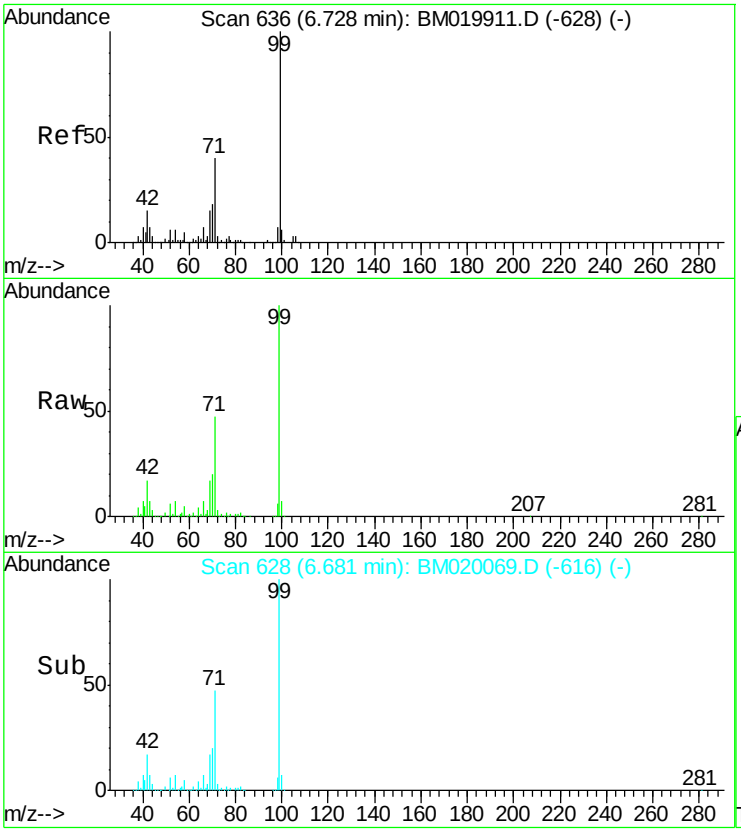


#5
2-Fluorophenol
Concen: 122.300 ng
RT: 5.10 min Scan# 360
Delta R.T. -0.02 min
Lab File: BM020069.D
Acq: 24 Apr 2019 17:52

Tgt Ion:112 Resp: 664550

Ion	Ratio	Lower	Upper
112	100		
64	63.7	49.1	73.7
63	36.1	26.5	39.7



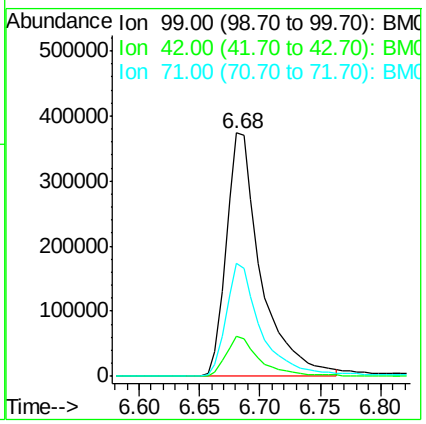


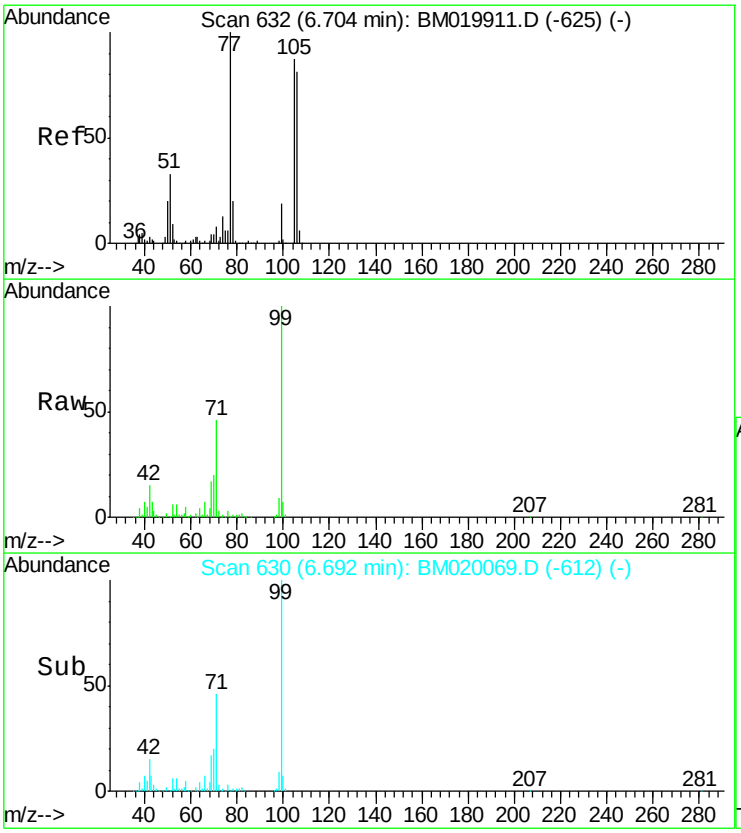
#7
Phenol-d6
Concen: 91.168 ng
RT: 6.68 min Scan# 628
Delta R.T. -0.03 min
Lab File: BM020069.D
Acq: 24 Apr 2019 17:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 99 Resp: 745547

Ion	Ratio	Lower	Upper
99	100		
42	16.7	11.8	17.8
71	46.7	32.0	48.0

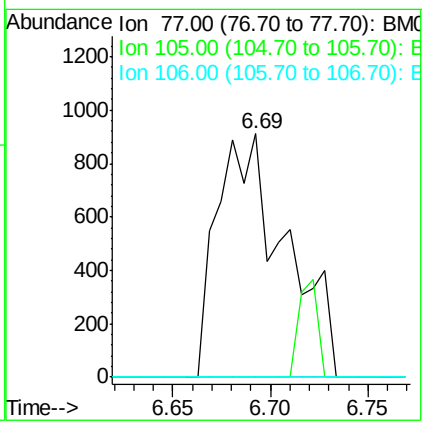


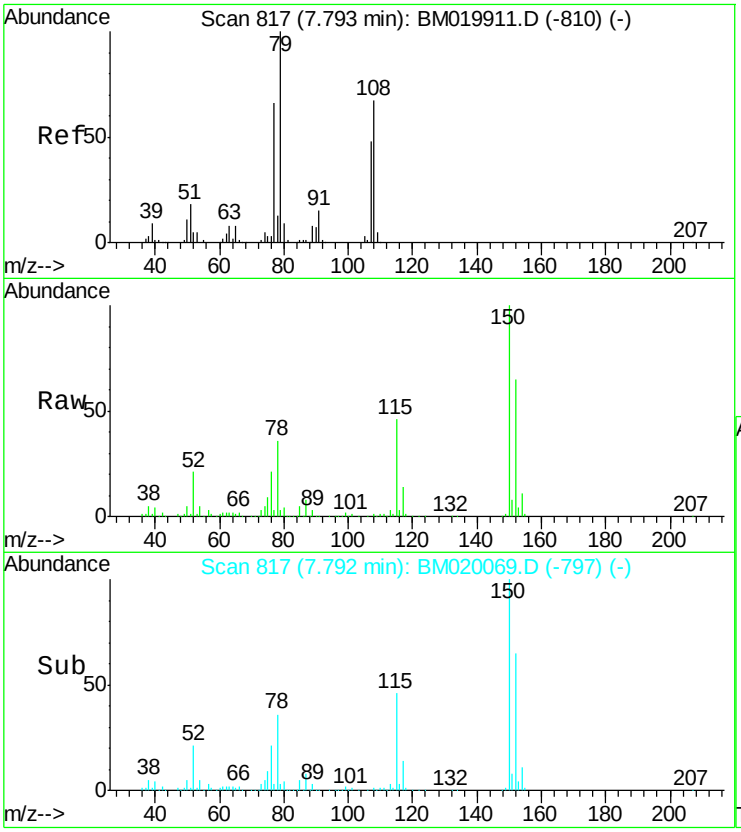


#9
Benzaldehyde
Concen: Below Cal
RT: 6.69 min Scan# 630
Delta R.T. 0.01 min
Lab File: BM020069.D
Acq: 24 Apr 2019 17:52

Tgt Ion: 77 Resp: 2211

Ion	Ratio	Lower	Upper
77	100		
105	0.0	67.3	107.3#
106	0.0	60.6	100.6#



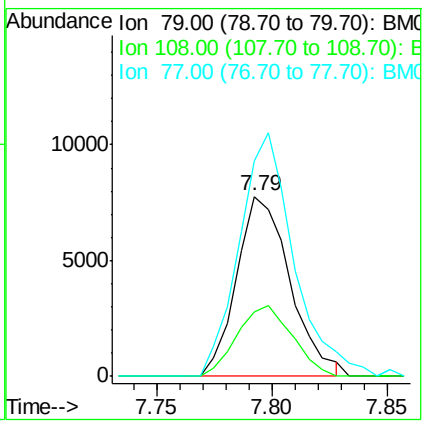


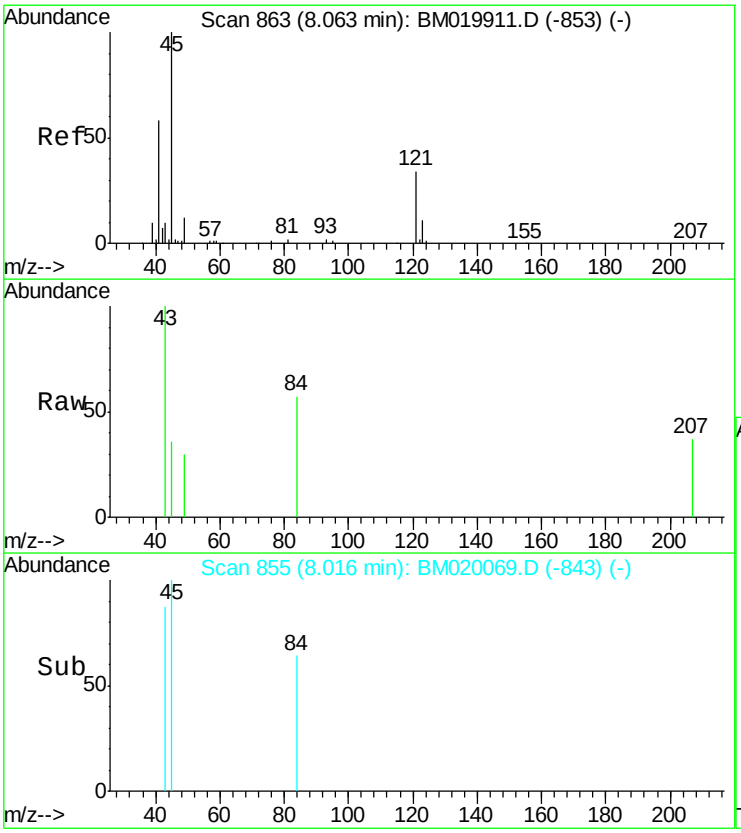
#15
Benzyl Alcohol
Concen: 1.693 ng
RT: 7.79 min Scan# 817
Delta R.T. 0.02 min
Lab File: BM020069.D
Acq: 24 Apr 2019 17:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 79 Resp: 12590

Ion	Ratio	Lower	Upper
79	100		
108	36.1	53.9	80.9#
77	119.8	53.1	79.7#

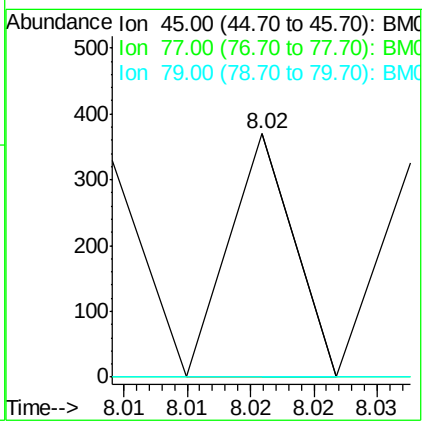


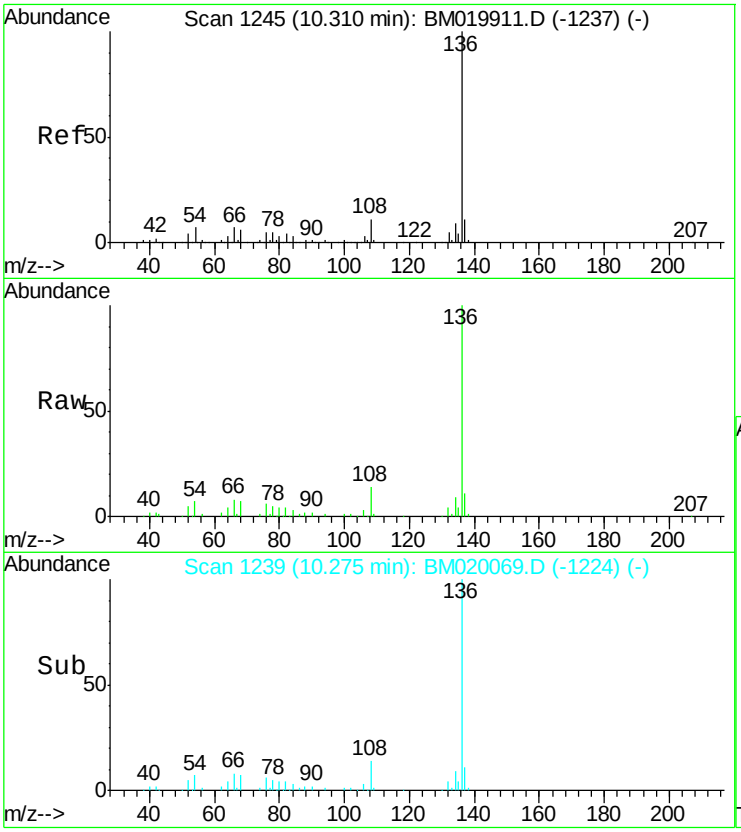


#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.021 ng
RT: 8.02 min Scan# 855
Delta R.T. -0.03 min
Lab File: BM020069.D
Acq: 24 Apr 2019 17:52

Tgt Ion: 45 Resp: 131

Ion	Ratio	Lower	Upper
45	100		
77	0.0	7.2	47.2#
79	0.0	1.2	41.2#



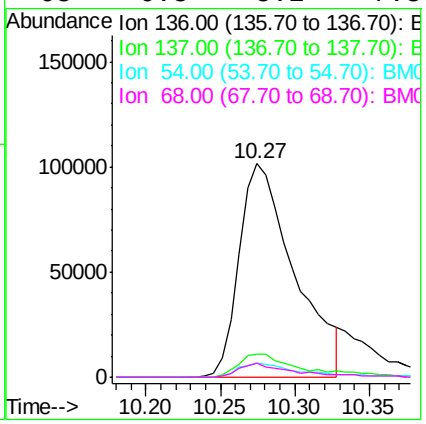


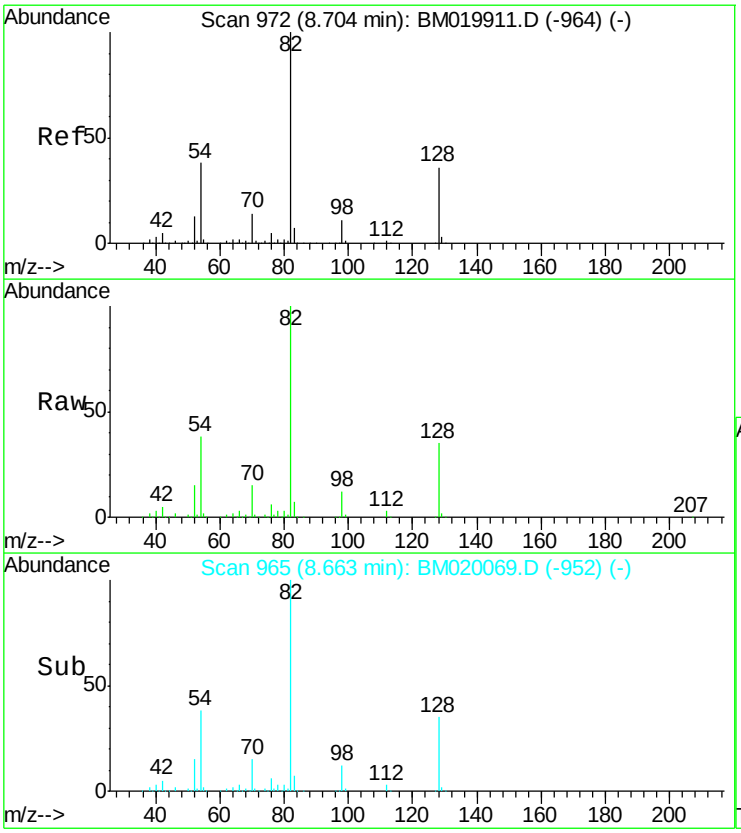
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.27 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BM020069.D
Acq: 24 Apr 2019 17:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:136 Resp: 260652

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.6
54	6.7	5.3	7.9
68	6.8	5.2	7.8

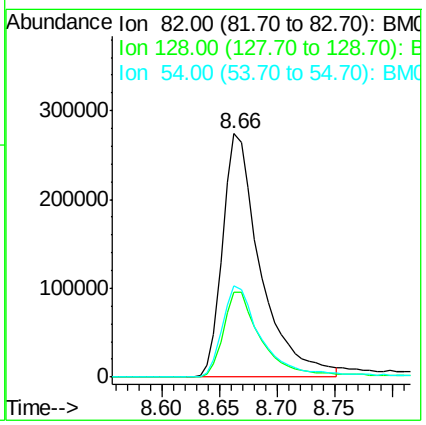


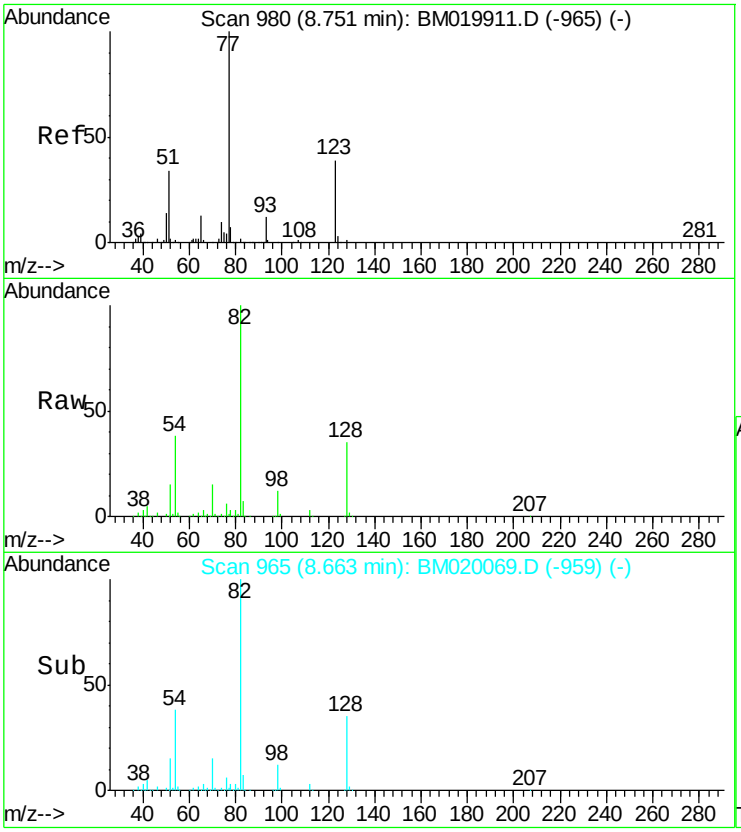


#23
Nitrobenzene-d5
Concen: 107.753 ng
RT: 8.66 min Scan# 965
Delta R.T. -0.02 min
Lab File: BM020069.D
Acq: 24 Apr 2019 17:52

Tgt Ion: 82 Resp: 628027

Ion	Ratio	Lower	Upper
82	100		
128	35.0	29.0	43.4
54	37.7	30.2	45.4



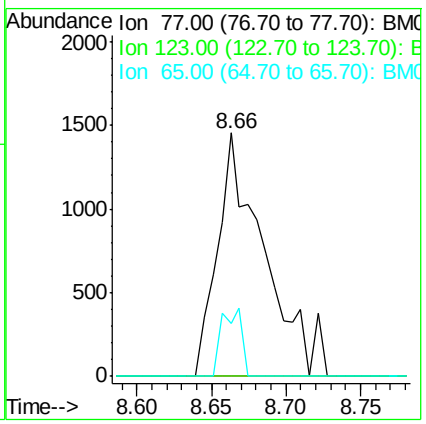


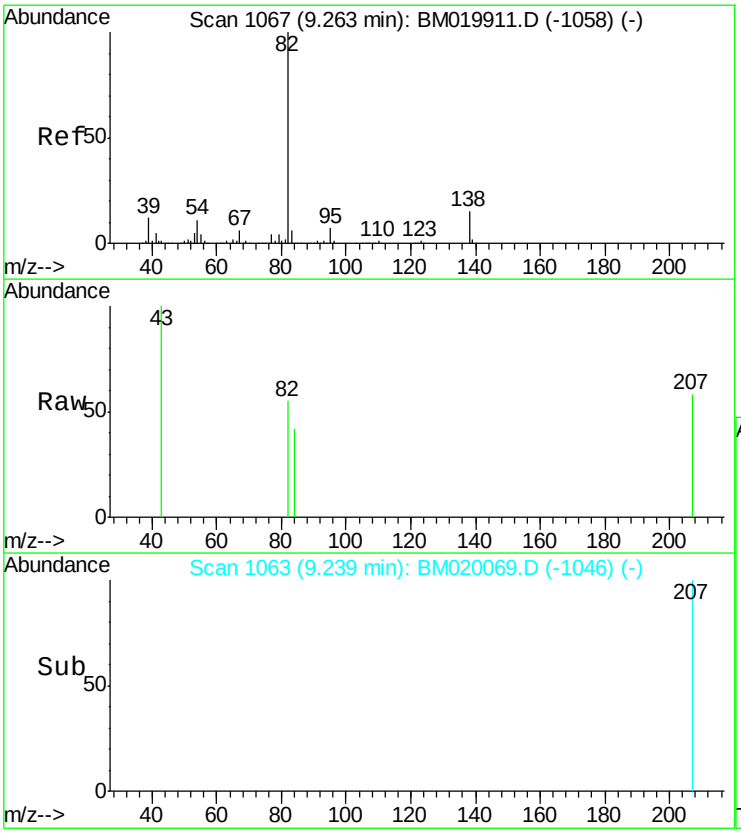
#24
Nitrobenzene
Concen: 0.526 ng
RT: 8.66 min Scan# 965
Delta R.T. -0.06 min
Lab File: BM020069.D
Acq: 24 Apr 2019 17:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 3178

Ion	Ratio	Lower	Upper
77	100		
123	0.0	31.0	46.4#
65	21.4	10.6	16.0#

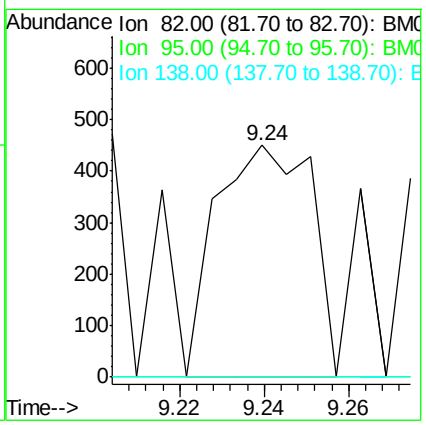


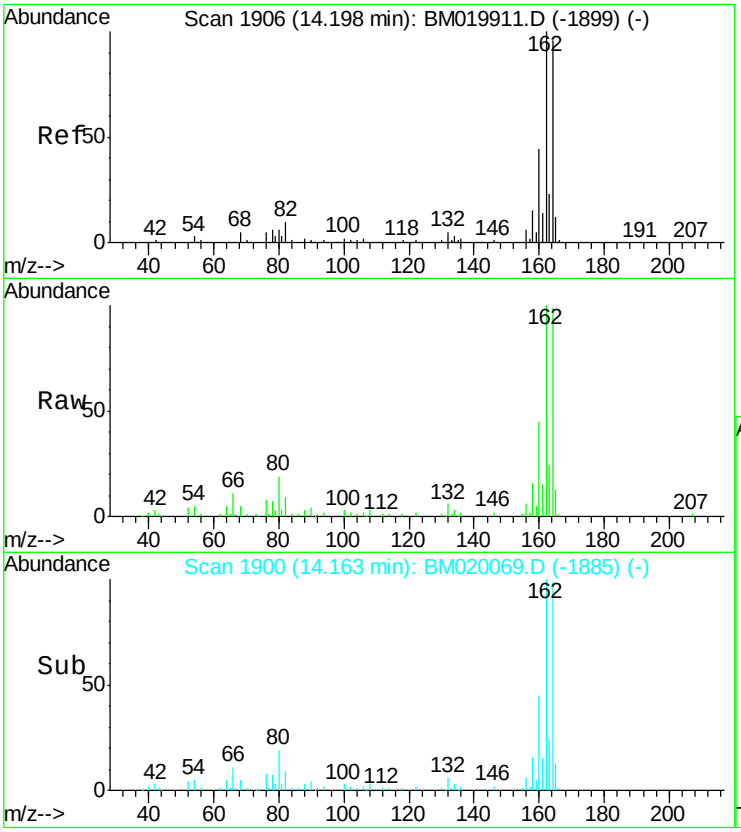


#25
Isophorone
Concen: 0.062 ng
RT: 9.24 min Scan# 1063
Delta R.T. -0.00 min
Lab File: BM020069.D
Acq: 24 Apr 2019 17:52

Tgt Ion: 82 Resp: 706

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.5	8.3#
138	0.0	12.2	18.2#



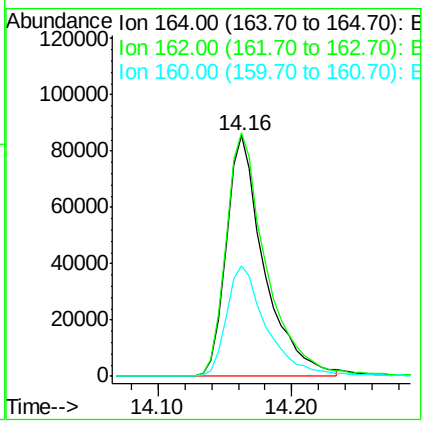


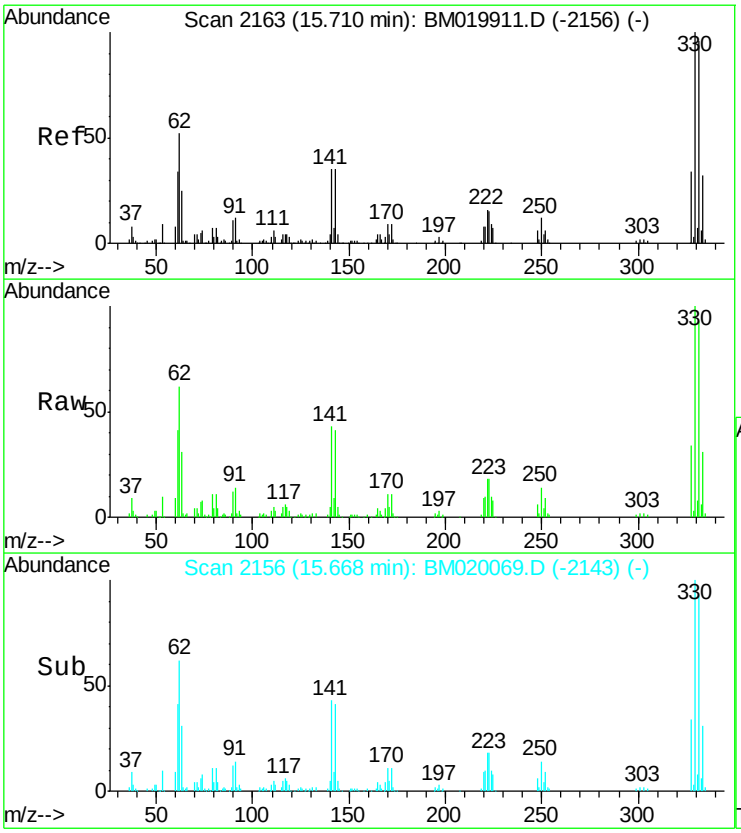
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.16 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BM020069.D
Acq: 24 Apr 2019 17:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:164 Resp: 169116

Ion	Ratio	Lower	Upper
164	100		
162	101.1	83.0	124.4
160	45.6	36.6	55.0

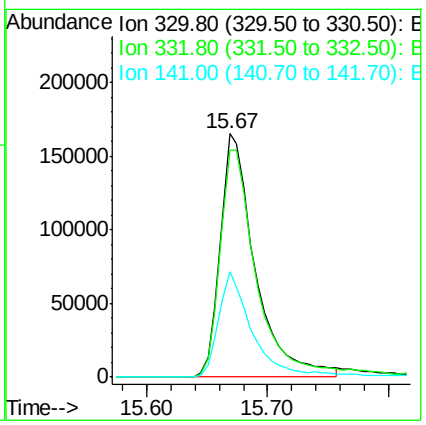


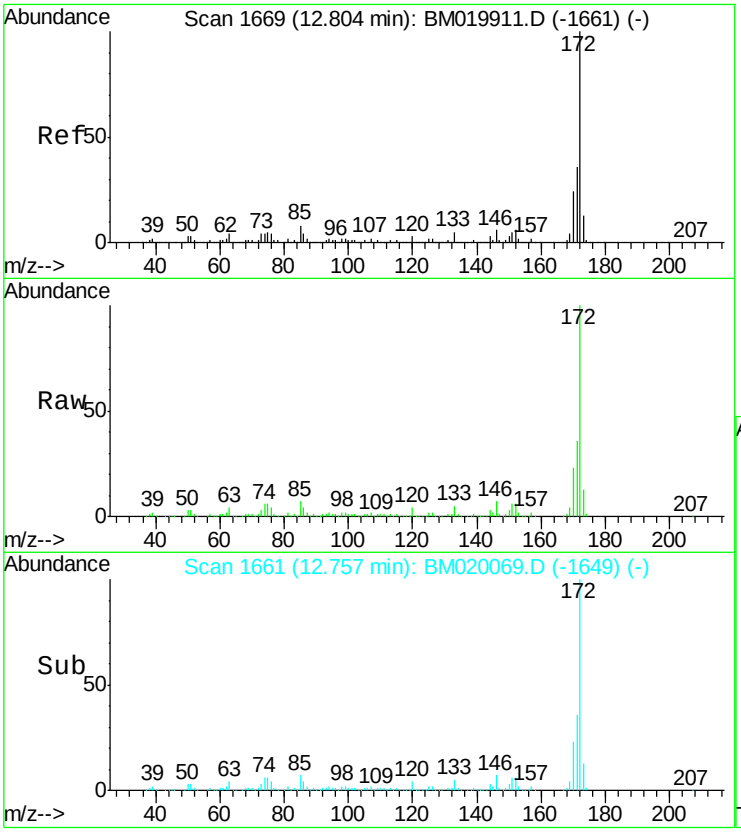


#42
2,4,6-Tribromophenol
Concen: 122.271 ng
RT: 15.67 min Scan# 2156
Delta R.T. -0.02 min
Lab File: BM020069.D
Acq: 24 Apr 2019 17:52

Tgt Ion:330 Resp: 332857

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.4	116.2
141	41.3	29.0	43.4



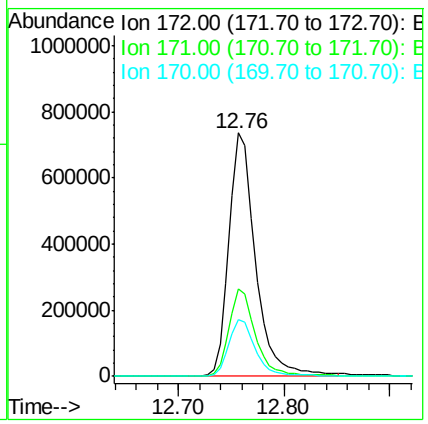


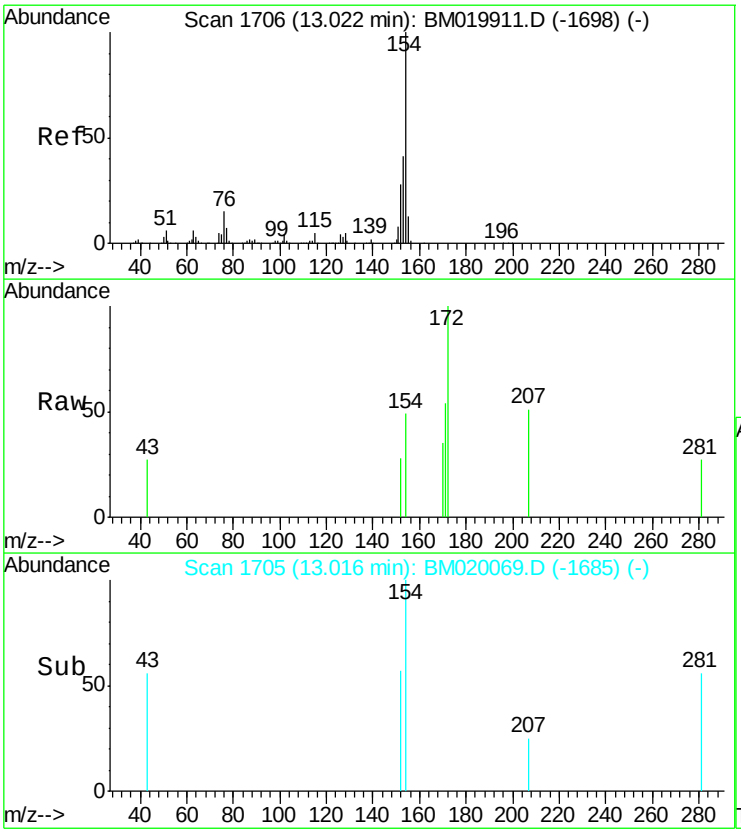
#45
2-Fluorobiphenyl
Concen: 94.747 ng
RT: 12.76 min Scan# 1661
Delta R.T. -0.03 min
Lab File: BM020069.D
Acq: 24 Apr 2019 17:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:172 Resp: 1285729

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.9	43.3
170	23.3	19.0	28.4

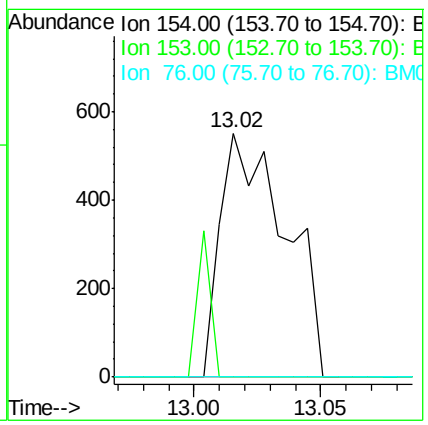


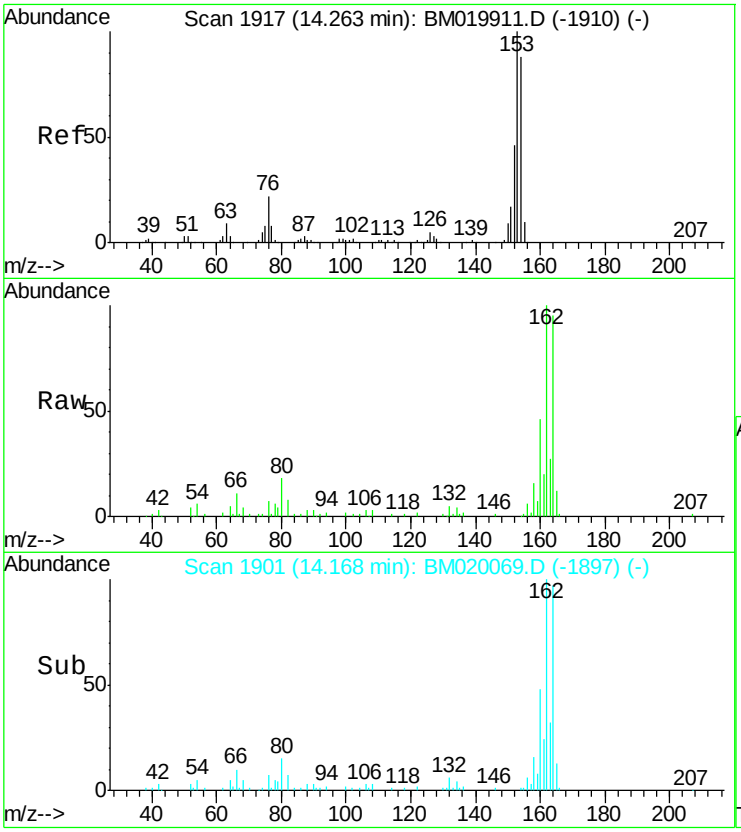


#46
1,1'-Biphenyl
Concen: 0.068 ng
RT: 13.02 min Scan# 1705
Delta R.T. 0.02 min
Lab File: BM020069.D
Acq: 24 Apr 2019 17:52

Tgt Ion:154 Resp: 989

Ion	Ratio	Lower	Upper
154	100		
153	0.0	21.0	61.0#
76	0.0	0.0	34.8



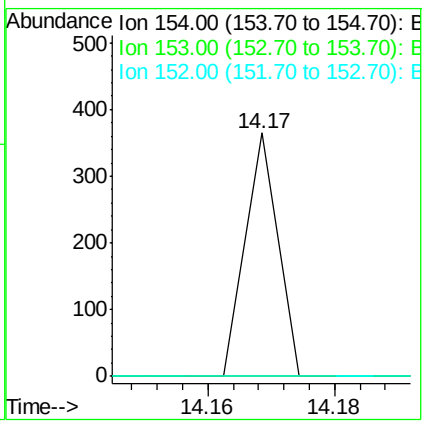


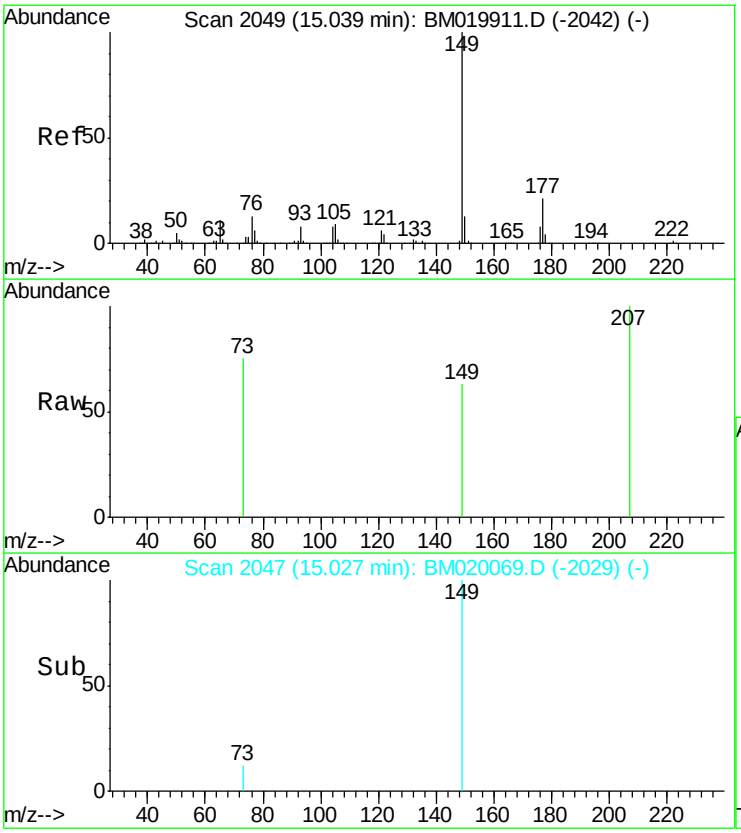
#52
Acenaphthene
Concen: 0.012 ng
RT: 14.17 min Scan# 1901
Delta R.T. -0.08 min
Lab File: BM020069.D
Acq: 24 Apr 2019 17:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:154 Resp: 129

Ion	Ratio	Lower	Upper
154	100		
153	0.0	91.0	136.4#
152	0.0	42.2	63.2#

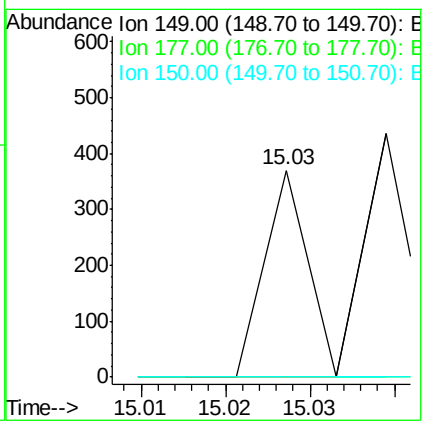


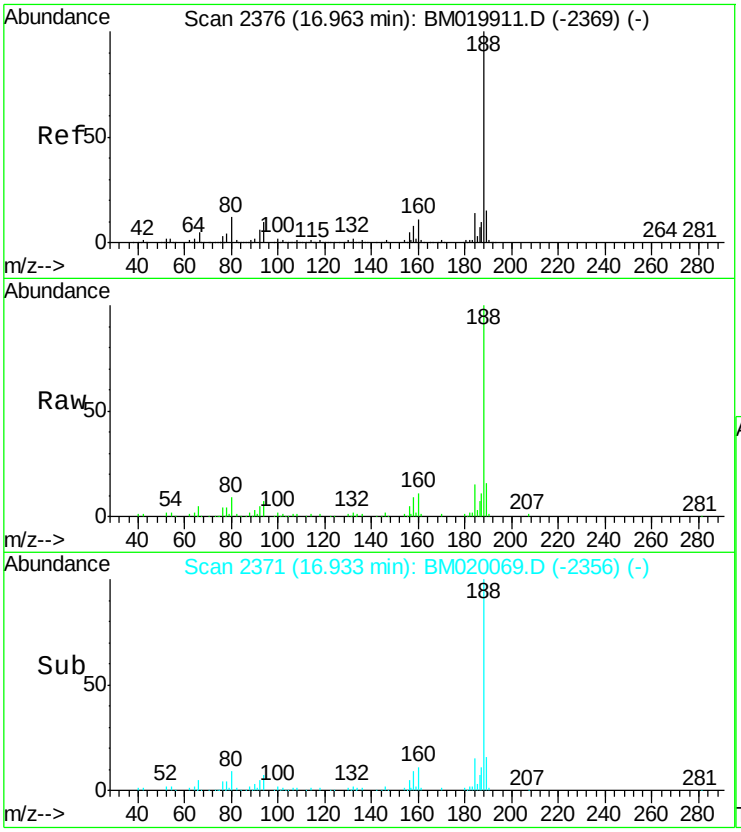


#60
Diethylphthalate
Concen: 0.008 ng
RT: 15.03 min Scan# 2047
Delta R.T. 0.01 min
Lab File: BM020069.D
Acq: 24 Apr 2019 17:52

Tgt Ion:149 Resp: 131

Ion	Ratio	Lower	Upper
149	100		
177	0.0	16.6	25.0#
150	0.0	10.0	15.0#



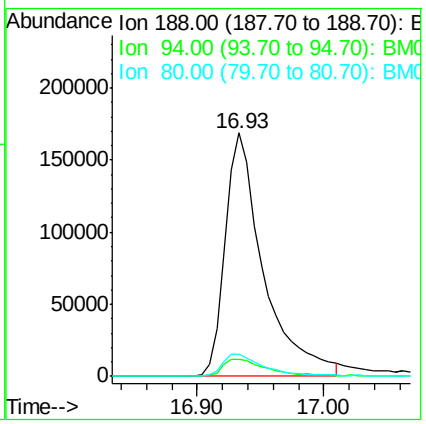


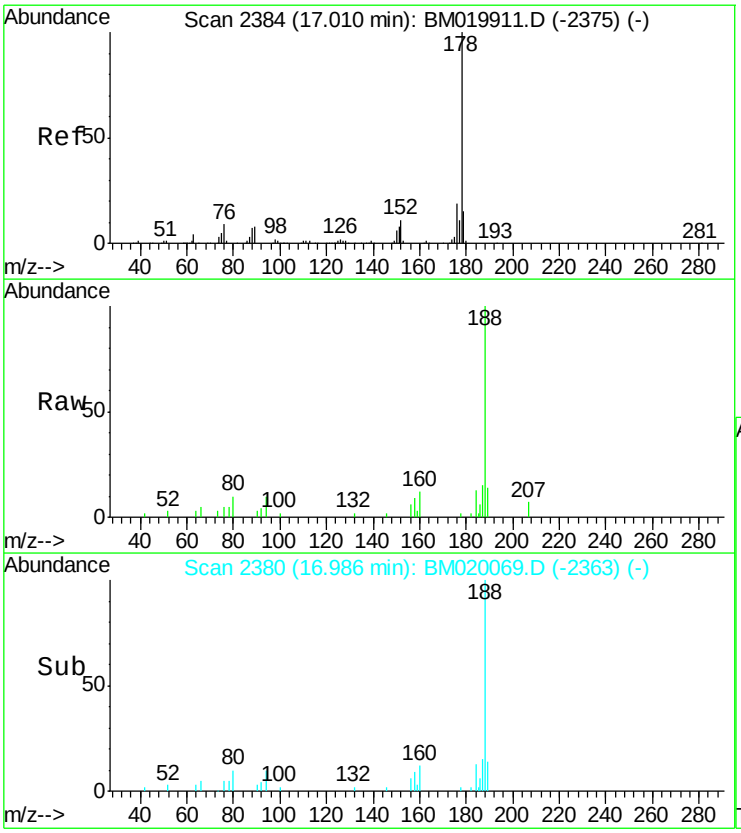
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.93 min Scan# 2371
Delta R.T. -0.01 min
Lab File: BM020069.D
Acq: 24 Apr 2019 17:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:188 Resp: 352553

Ion	Ratio	Lower	Upper
188	100		
94	7.2	7.6	11.4#
80	9.2	9.4	14.0#

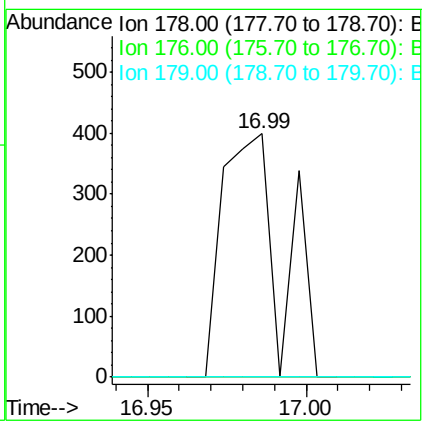


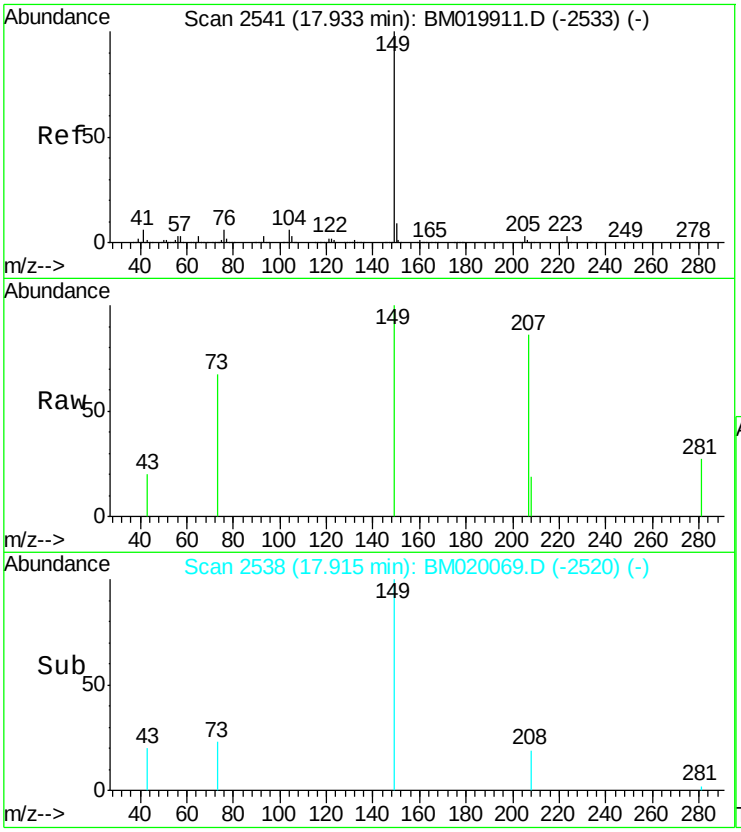


#71
Phenanthrene
Concen: 0.025 ng
RT: 16.99 min Scan# 2380
Delta R.T. -0.00 min
Lab File: BM020069.D
Acq: 24 Apr 2019 17:52

Tgt Ion:178 Resp: 514

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.2	22.8#
179	0.0	12.2	18.4#



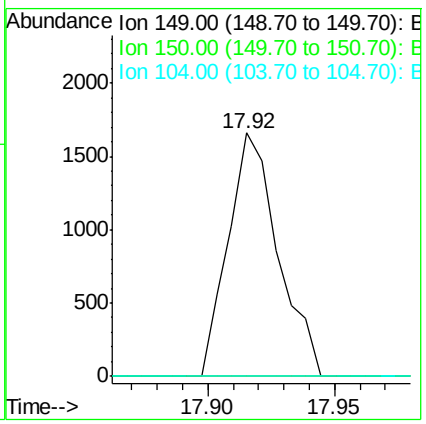


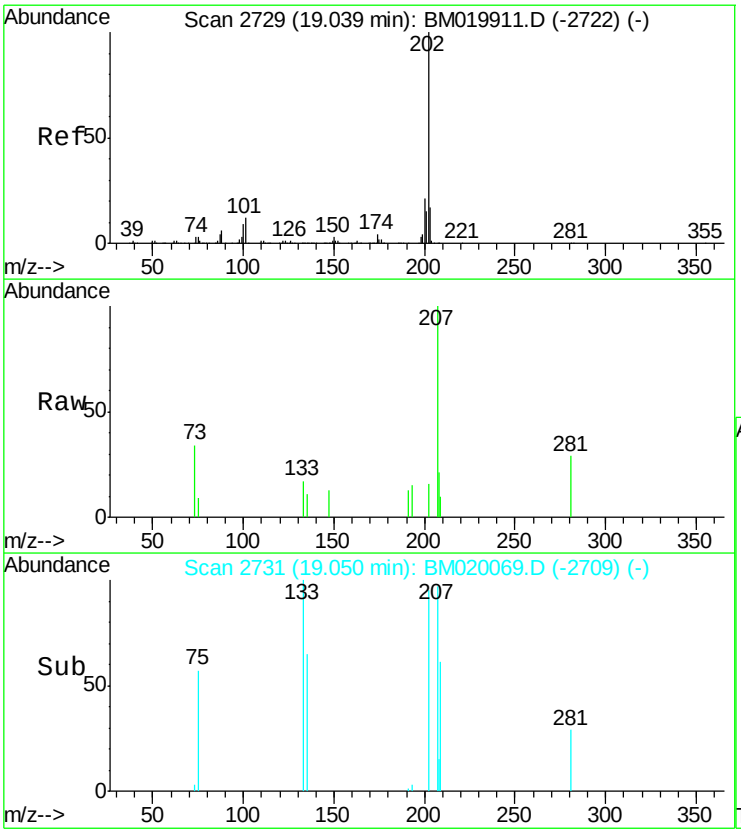
#74
Di-n-butylphthalate
Concen: 0.089 ng
RT: 17.92 min Scan# 2538
Delta R.T. 0.01 min
Lab File: BM020069.D
Acq: 24 Apr 2019 17:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 2280

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.2	10.8#
104	0.0	4.6	7.0#

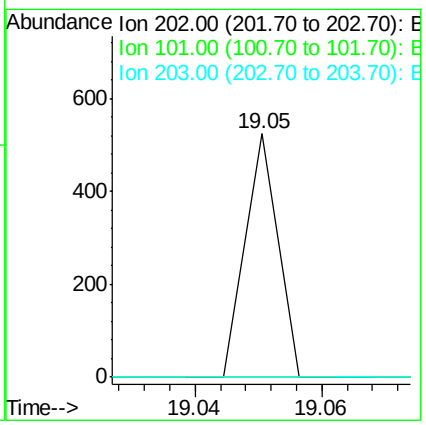


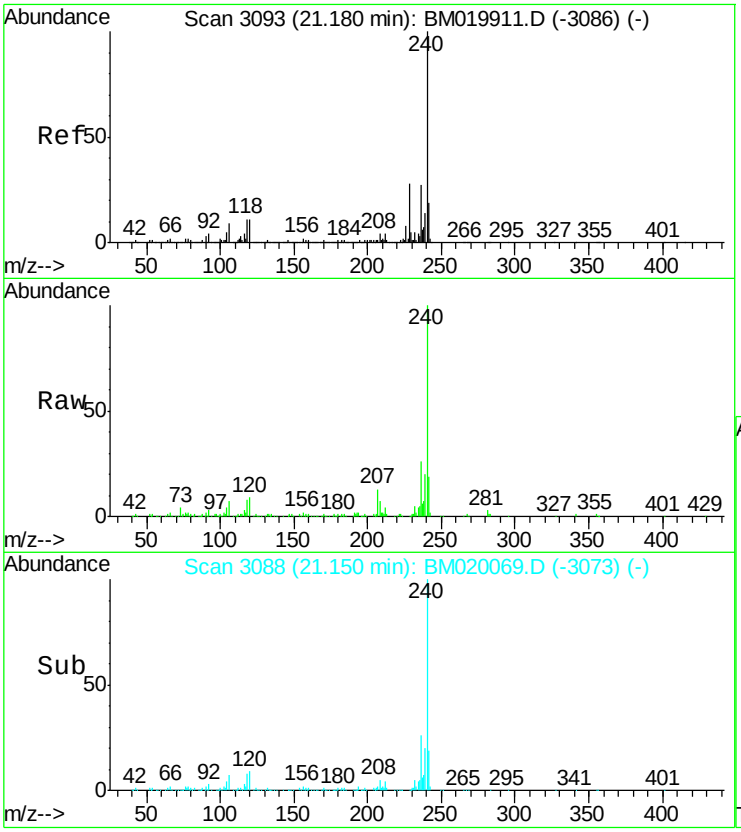


#75
Fluoranthene
Concen: 0.008 ng
RT: 19.05 min Scan# 2731
Delta R.T. 0.03 min
Lab File: BM020069.D
Acq: 24 Apr 2019 17:52

Tgt Ion:202 Resp: 185

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	31.7
203	0.0	0.0	37.4



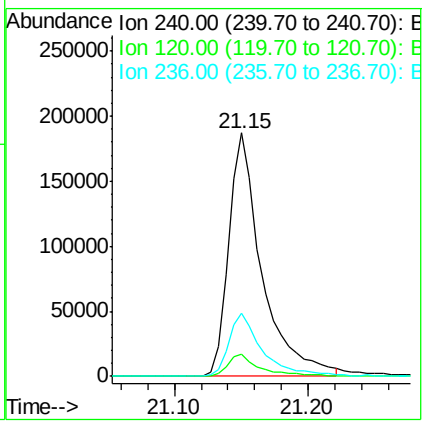


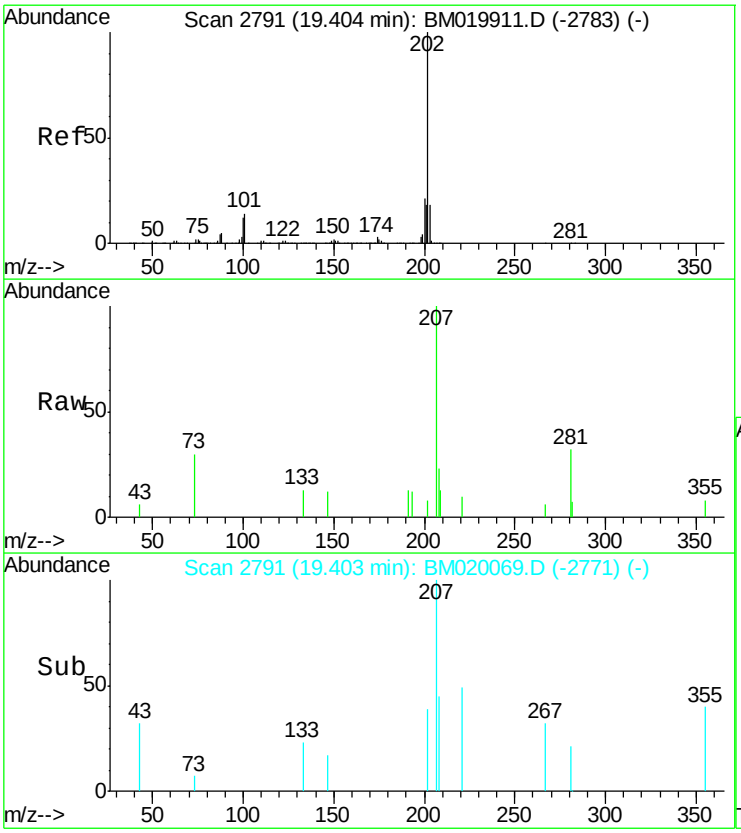
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.15 min Scan# 3088
Delta R.T. -0.01 min
Lab File: BM020069.D
Acq: 24 Apr 2019 17:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:240 Resp: 325174

Ion	Ratio	Lower	Upper
240	100		
120	8.9	8.6	13.0
236	26.1	21.4	32.2

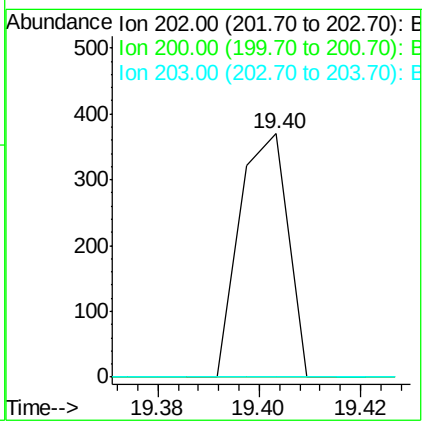


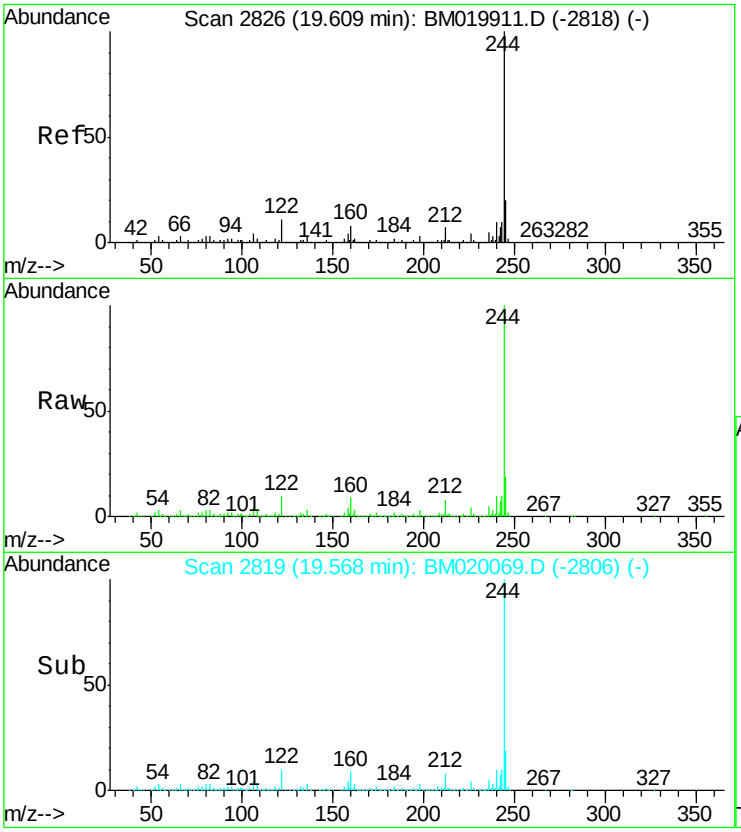


#78
Pyrene
Concen: 0.011 ng
RT: 19.40 min Scan# 2791
Delta R.T. 0.02 min
Lab File: BM020069.D
Acq: 24 Apr 2019 17:52

Tgt Ion:202 Resp: 244

Ion	Ratio	Lower	Upper
202	100		
200	0.0	17.0	25.4#
203	0.0	14.0	21.0#



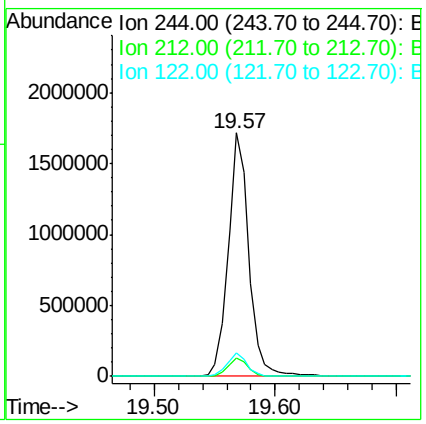


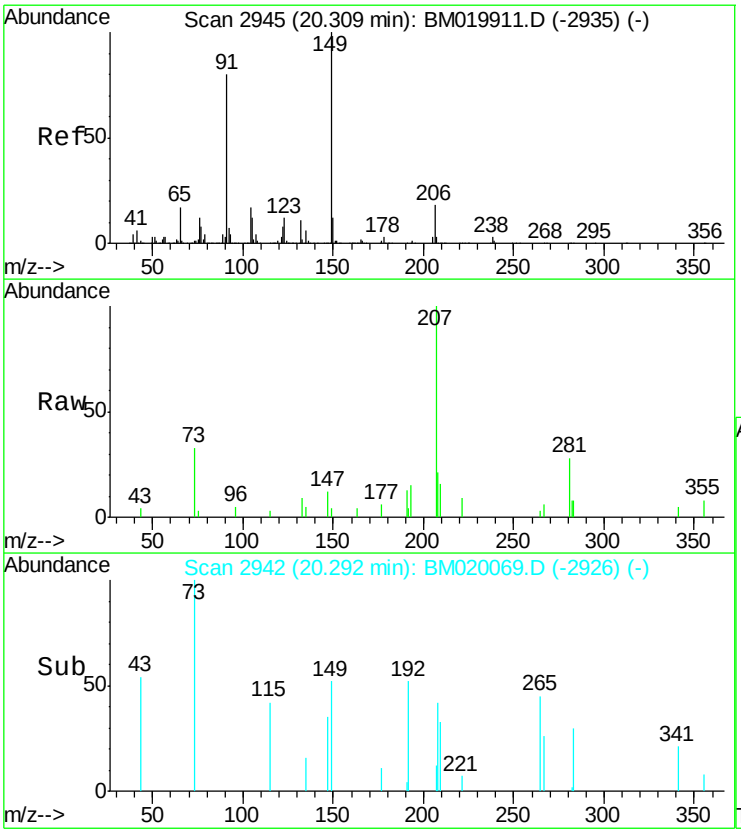
#79
Terphenyl-d14
Concen: 110.473 ng
RT: 19.57 min Scan# 2819
Delta R.T. -0.02 min
Lab File: BM020069.D
Acq: 24 Apr 2019 17:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:244 Resp: 2036642

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.7	8.5
122	9.8	9.1	13.7

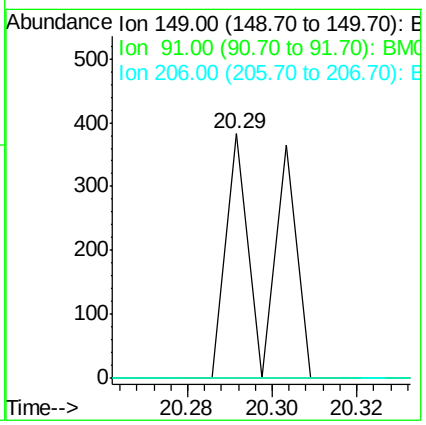


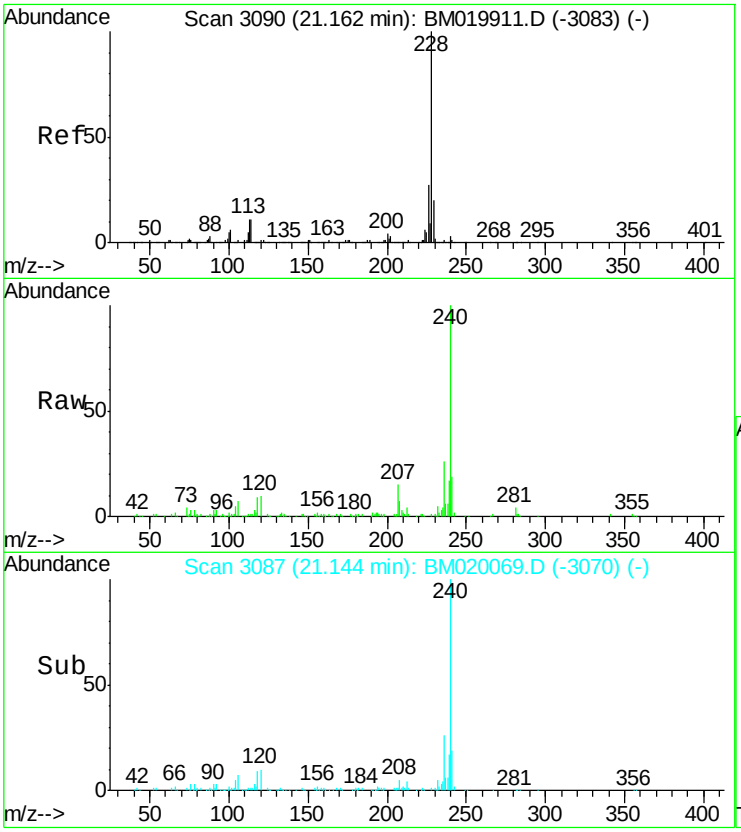


#80
Butylbenzylphthalate
Concen: 0.025 ng
RT: 20.29 min Scan# 2942
Delta R.T. -0.01 min
Lab File: BM020069.D
Acq: 24 Apr 2019 17:52

Tgt Ion:149 Resp: 264

Ion	Ratio	Lower	Upper
149	100		
91	0.0	63.7	95.5#
206	0.0	14.6	21.8#



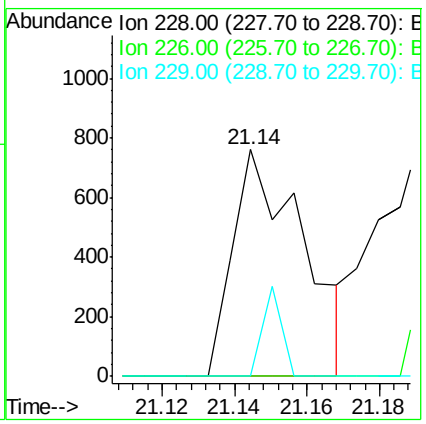


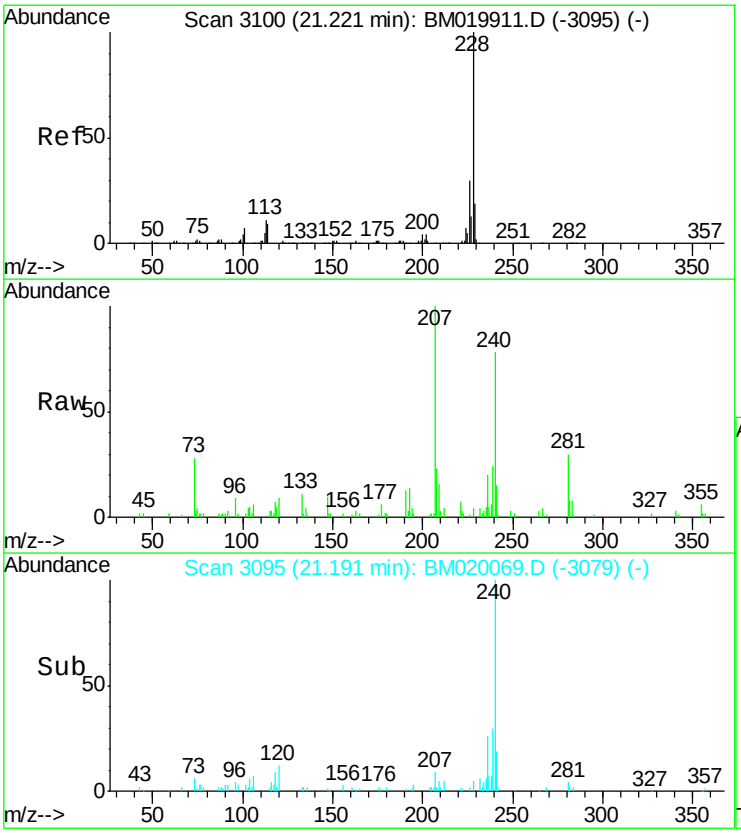
#81
Benzo(a)anthracene
Concen: 0.050 ng
RT: 21.14 min Scan# 3087
Delta R.T. -0.00 min
Lab File: BM020069.D
Acq: 24 Apr 2019 17:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 1027

Ion	Ratio	Lower	Upper
228	100		
226	0.0	21.8	32.6#
229	0.0	15.9	23.9#

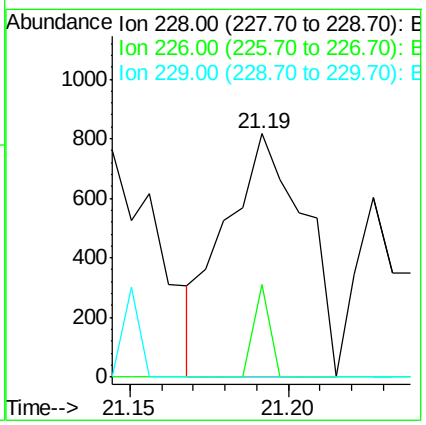


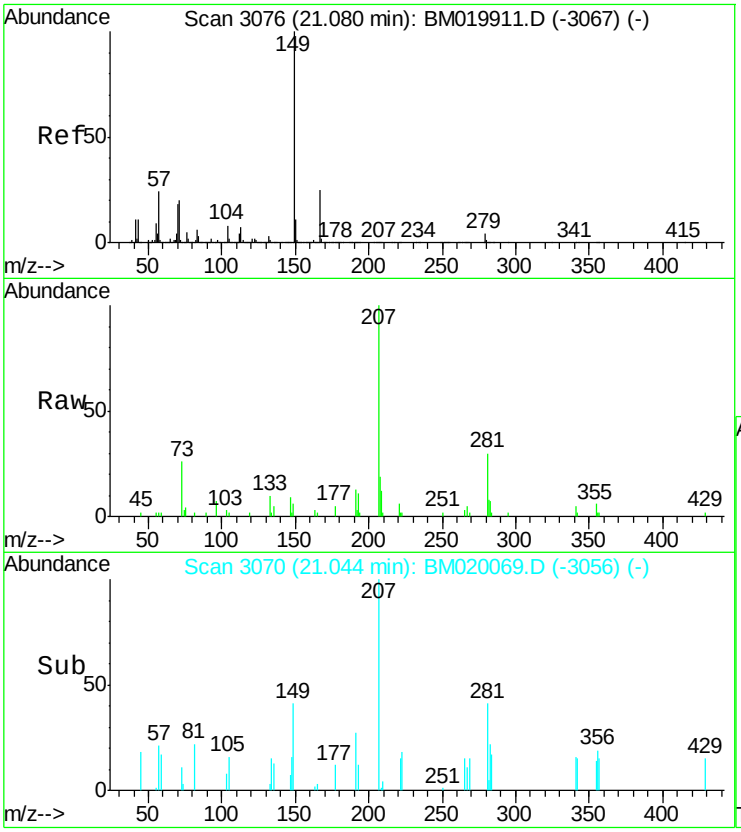


#83
Chrysene
Concen: 0.072 ng
RT: 21.19 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BM020069.D
Acq: 24 Apr 2019 17:52

Tgt Ion:228 Resp: 1418

Ion	Ratio	Lower	Upper
228	100		
226	37.9	23.7	35.5#
229	0.0	15.6	23.4#



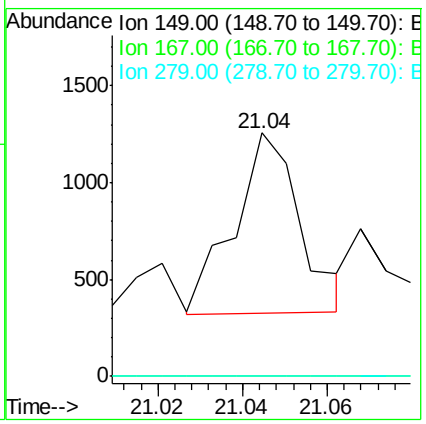


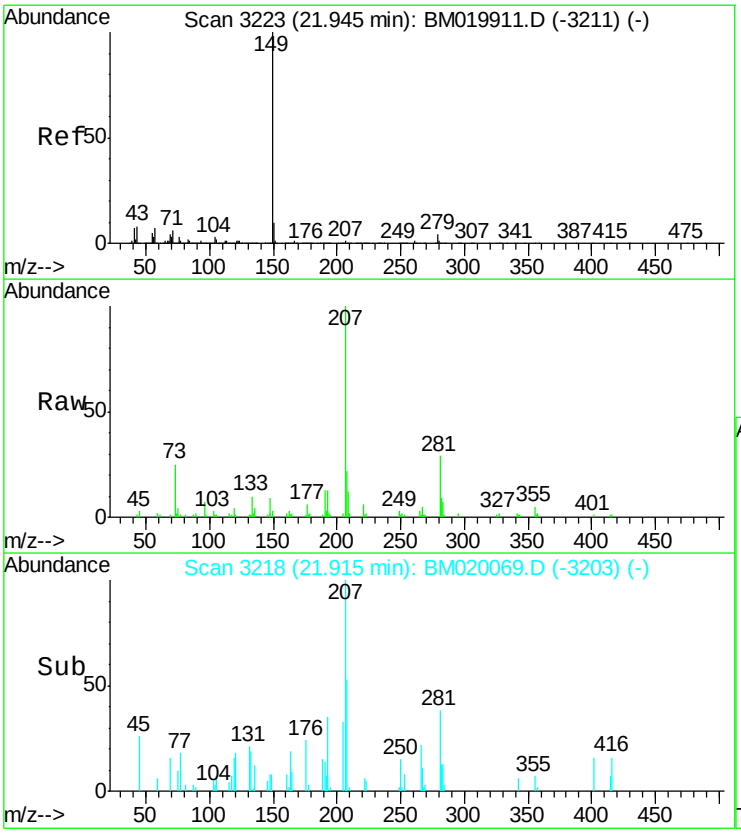
#84
Bis(2-ethylhexyl)phthalate
Concen: 0.065 ng
RT: 21.04 min Scan# 3070
Delta R.T. -0.02 min
Lab File: BM020069.D
Acq: 24 Apr 2019 17:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 1014

Ion	Ratio	Lower	Upper
149	100		
167	0.0	20.3	30.5#
279	0.0	3.4	5.2#

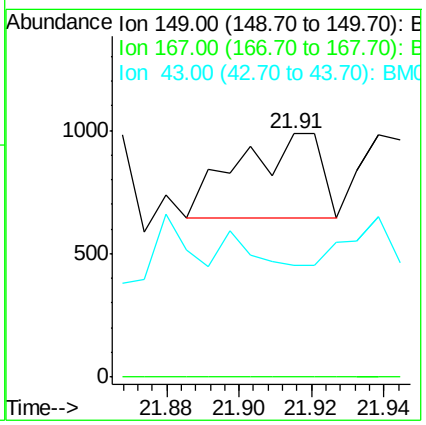


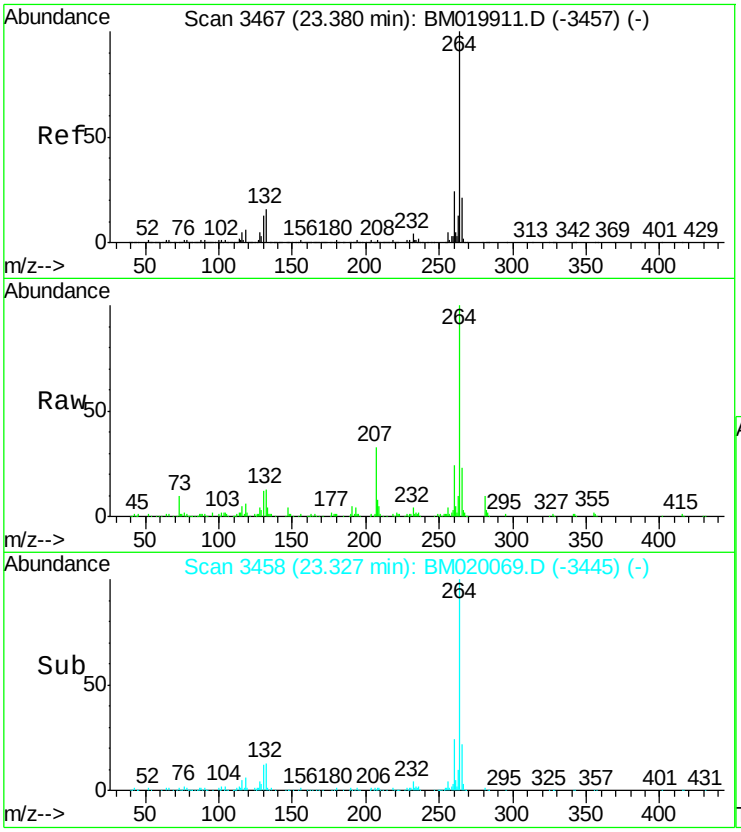


#85
Di-n-octyl phthalate
Concen: 0.021 ng
RT: 21.91 min Scan# 3218
Delta R.T. -0.01 min
Lab File: BM020069.D
Acq: 24 Apr 2019 17:52

Tgt Ion:149 Resp: 542

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.3	1.9#
43	18.8	6.0	9.0#



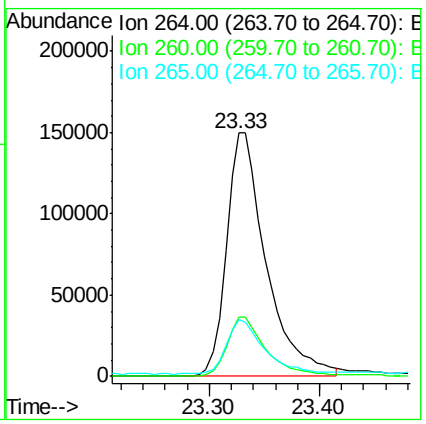


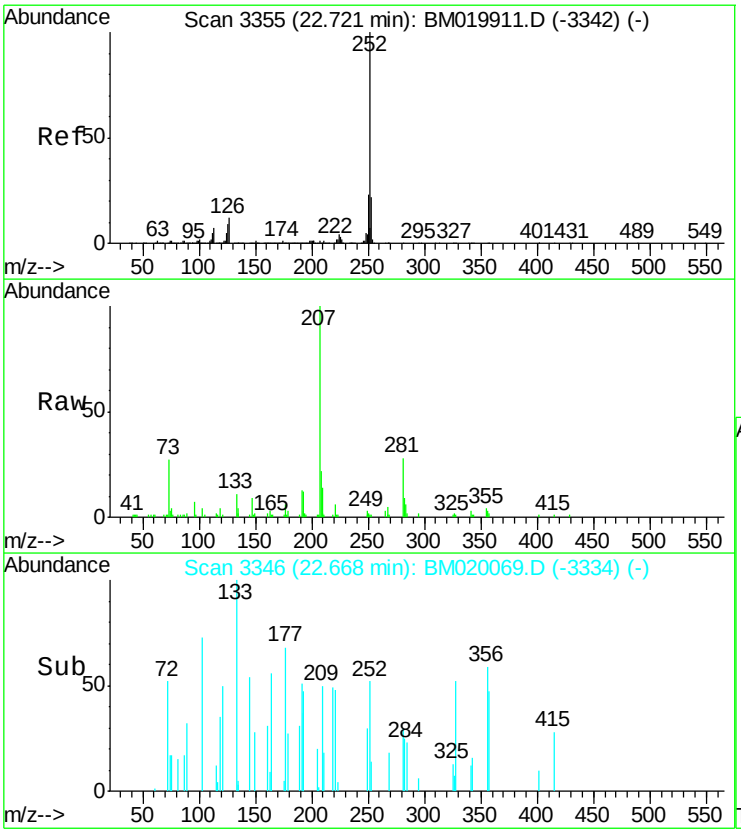
#87
Perylene-d12
Concen: 20.000 ng
RT: 23.33 min Scan# 3458
Delta R.T. -0.02 min
Lab File: BM020069.D
Acq: 24 Apr 2019 17:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:264 Resp: 377169

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	23.2	17.2	25.8

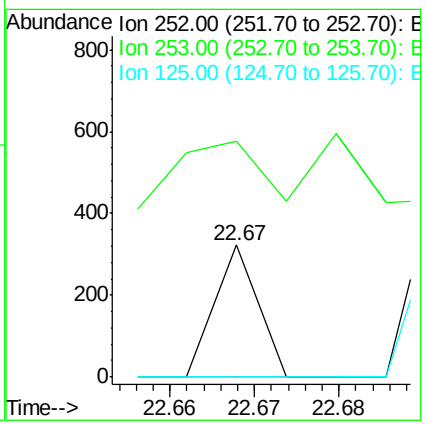


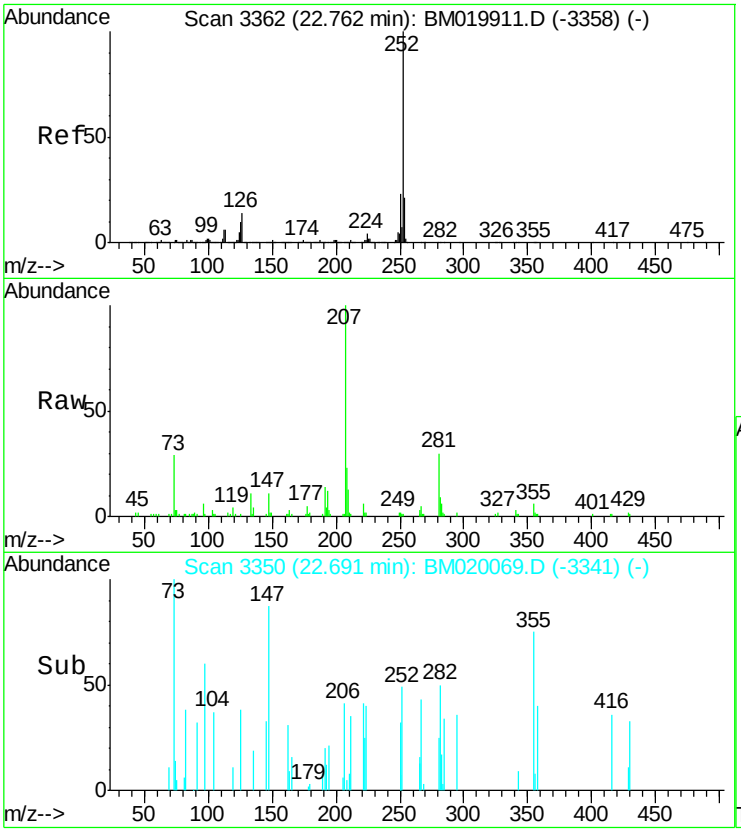


#88
Benzo(b)fluoranthene
Concen: 0.005 ng
RT: 22.67 min Scan# 3346
Delta R.T. -0.03 min
Lab File: BM020069.D
Acq: 24 Apr 2019 17:52

Tgt Ion:252 Resp: 114

Ion	Ratio	Lower	Upper
252	100		
253	178.3	17.5	26.3#
125	0.0	7.6	11.4#



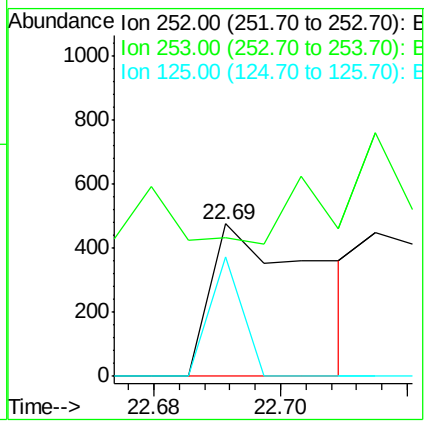


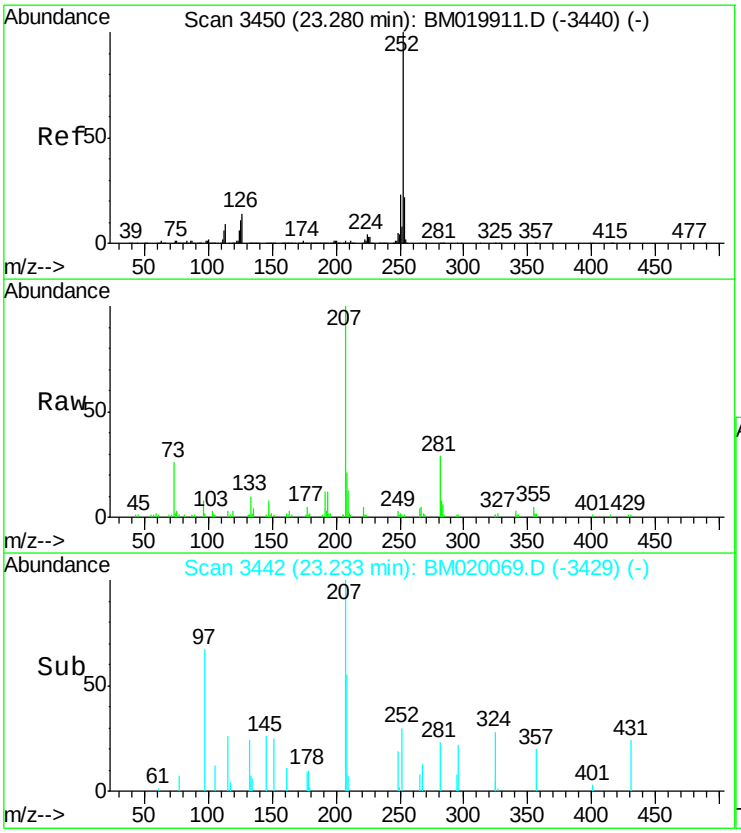
#89
Benzo(k)fluoranthene
Concen: 0.023 ng
RT: 22.69 min Scan# 3350
Delta R.T. -0.05 min
Lab File: BM020069.D
Acq: 24 Apr 2019 17:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 549

Ion	Ratio	Lower	Upper
252	100		
253	90.6	17.3	25.9#
125	78.4	8.2	12.4#





#90
Benzo(a)pyrene
Concen: 0.012 ng
RT: 23.23 min Scan# 3442
Delta R.T. -0.02 min
Lab File: BM020069.D
Acq: 24 Apr 2019 17:52

Tgt Ion:252 Resp: 266

Ion	Ratio	Lower	Upper
252	100		
253	131.2	17.8	26.8#
125	0.0	9.1	13.7#