Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062019\
Data File : BM021068.D
Acq On : 20 Jun 2019 19:14
Operator : HP/JU
Sample : PB120267BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB120267BL

Quant Time: Jun 21 04:15:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM062019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 20 15:39:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	233497	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	919263	20.00	ng	0.00
39) Acenaphthene-d10	14.42	164	627554	20.00	ng	0.00
64) Phenanthrene-d10	17.17	188	1653985	20.00	ng	0.00
76) Chrysene-d12	21.35	240	1686634	20.00	ng	0.00
87) Perylene-d12	23.63	264	1821599	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1341909	104.06	ng	0.00
7) Phenol-d6	6.95	99	1879746	100.10	ng	0.00
23) Nitrobenzene-d5	8.94	82	1100552	62.39	ng	0.00
42) 2,4,6-Tribromophenol	15.92	330	1158897	98.41	ng	0.00
45) 2-Fluorobiphenyl	13.04	172	3260365	63.85	ng	0.00
79) Terphenyl-d14	19.79	244	6334147	70.14	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	116	0.024	ng	# 1
4) n-Nitrosodimethylamine	3.63	42	641	0.119	ng	# 1
8) 2-Chlorophenol	7.34	128	115	0.007	ng	# 1
9) Benzaldehyde	6.95	77	3712	Below Cal		# 2
10) Phenol	6.95	94	160	0.008	ng	# 1
15) Benzyl Alcohol	8.09	79	15929	1.048	ng	# 52
24) Nitrobenzene	8.94	77	3971	0.227	ng	# 39
46) 1,1'-Biphenyl	13.26	154	4033	0.075	ng	98
52) Acenaphthene	14.42	154	2244	0.056	ng	# 4
71) Phenanthrene	17.21	178	396	0.004	ng	# 60
74) Di-n-butylphthalate	18.13	149	710	0.007	ng	# 78
75) Fluoranthene	19.23	202	635	0.006	ng	65
77) Benzidine	19.44	184	1053	0.021	ng	# 67
78) Pyrene	19.60	202	906	0.007	ng	# 57
80) Butylbenzylphthalate	20.50	149	638	0.013	ng	# 27
81) Benzo(a)anthracene	21.35	228	5030	0.044	ng	# 58
82) 3,3'-Dichlorobenzidine	21.29	252	828	0.019	ng	# 86
83) Chrysene	21.39	228	783	0.007	ng	# 50
84) Bis(2-ethylhexyl)phthalate	21.26	149	1534	0.022	ng	# 52
85) Di-n-octyl phthalate	22.13	149	755	0.007	ng	# 1
88) Benzo(b)fluoranthene	22.95	252	636	0.005	ng	# 1
89) Benzo(k)fluoranthene	22.98	252	329	0.003	ng	# 1
90) Benzo(a)pyrene	23.50	252	136	0.001	ng	# 1

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

Quantitation Report (Not Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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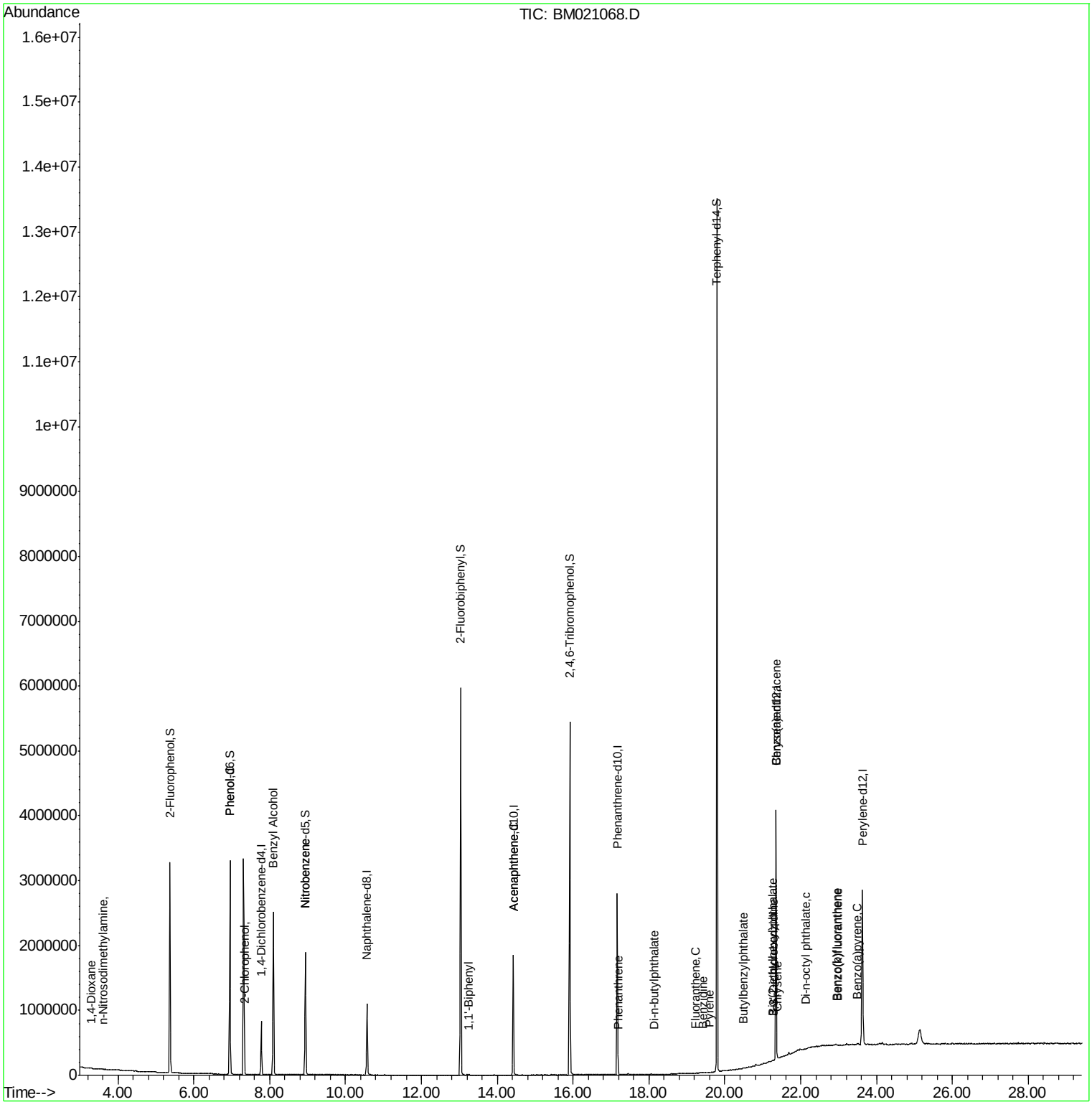
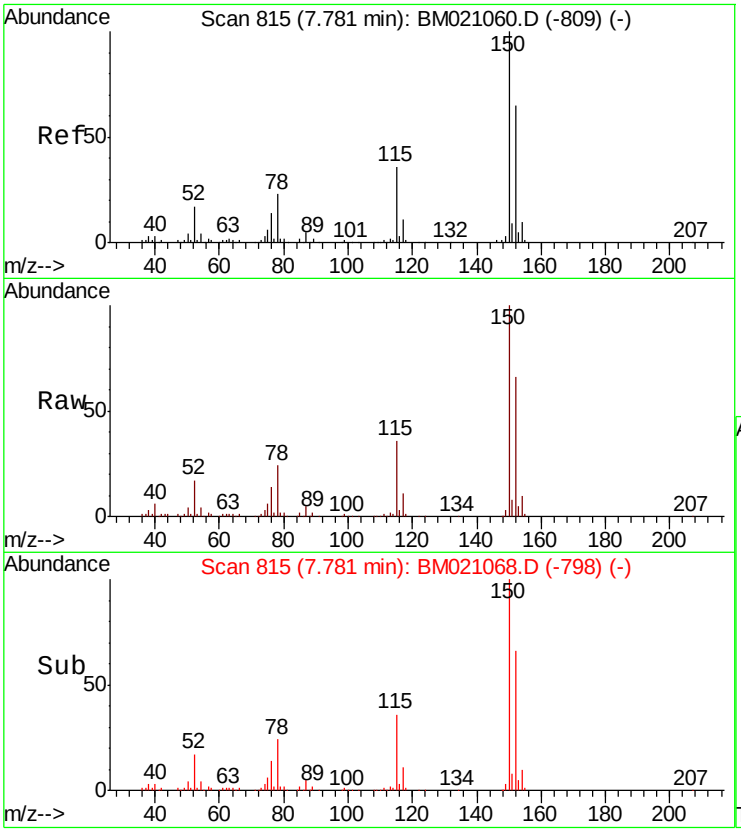


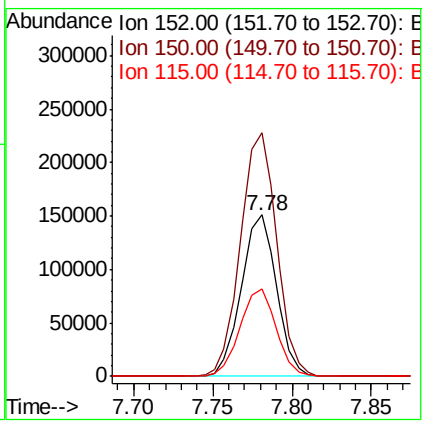


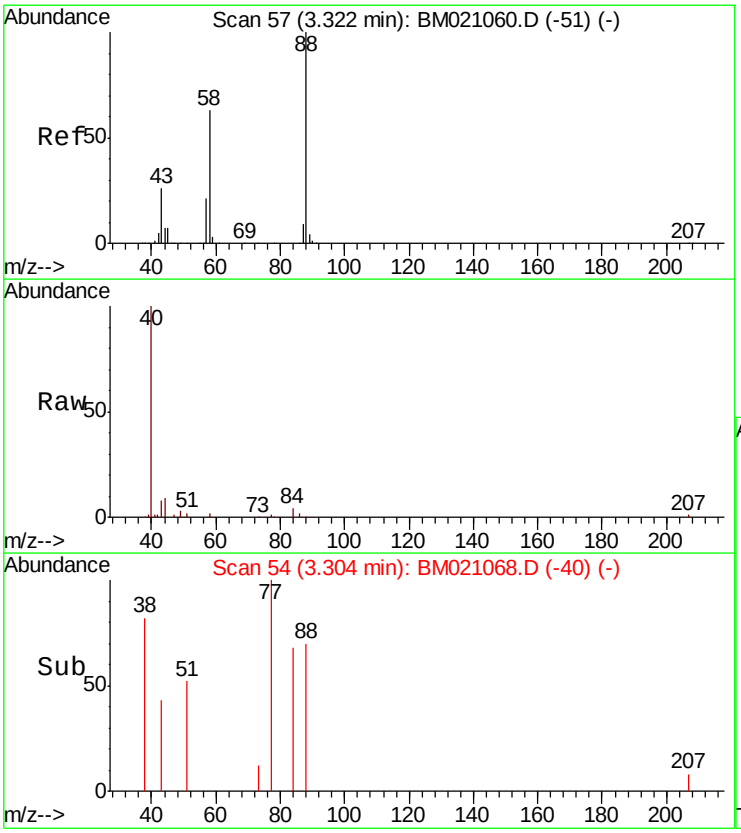
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.78 min Scan# 815
Delta R.T. -0.00 min
Lab File: BM021068.D
Acq: 20 Jun 2019 19:14

Instrument :
BNA_M
ClientSampleId :
PB120267BL

Tgt Ion:152 Resp: 233497

Ion	Ratio	Lower	Upper
152	100		
150	150.6	123.1	184.7
115	54.1	44.2	66.4

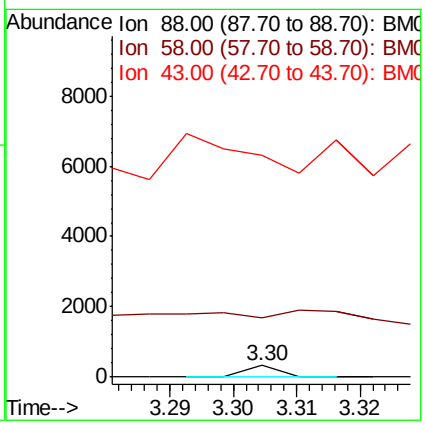


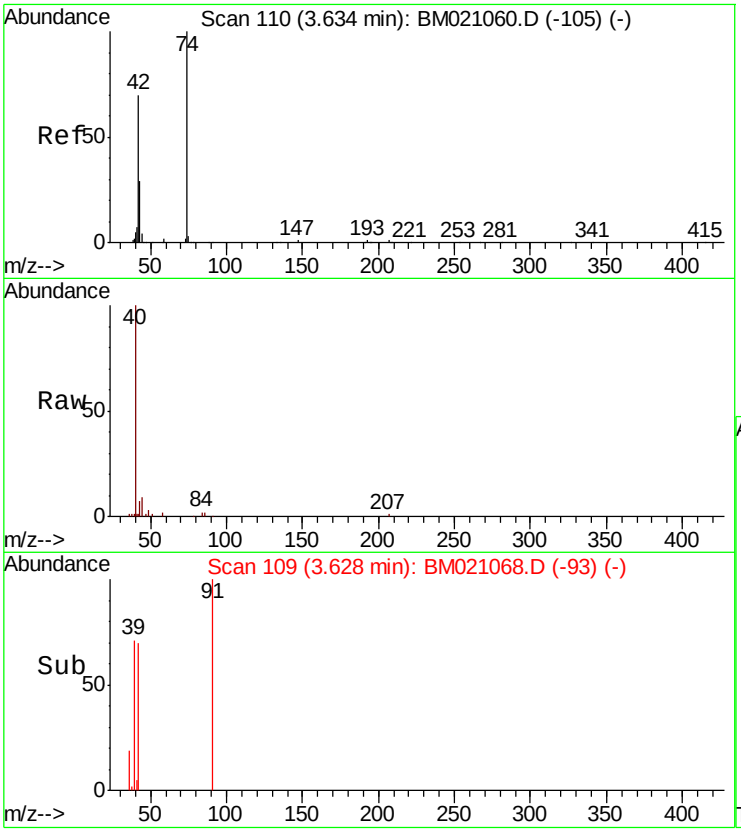


#2
1,4-Dioxane
Concen: 0.024 ng
RT: 3.30 min Scan# 54
Delta R.T. -0.02 min
Lab File: BM021068.D
Acq: 20 Jun 2019 19:14

Tgt Ion: 88 Resp: 116

Ion	Ratio	Lower	Upper
88	100		
58	0.0	51.9	77.9#
43	921.6	21.4	32.2#



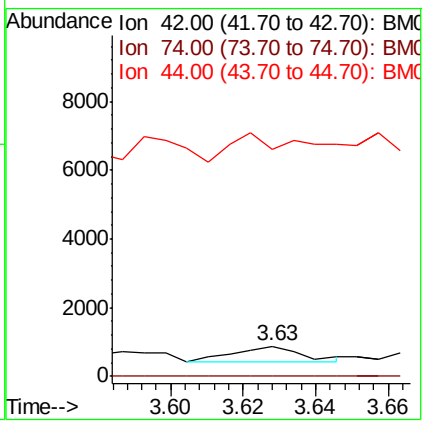


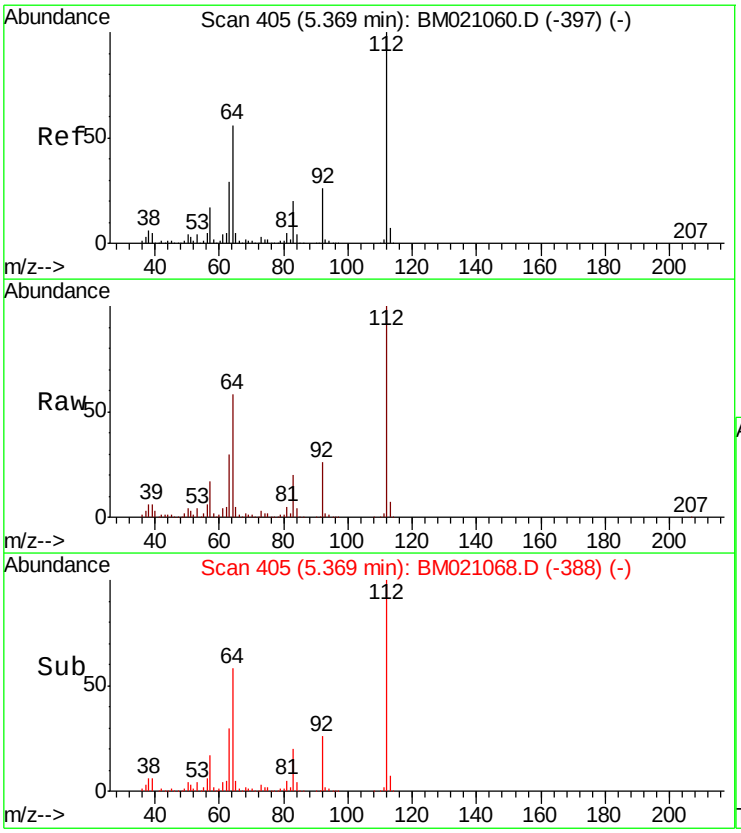
#4
n-Nitrosodimethylamine
Concen: 0.119 ng
RT: 3.63 min Scan# 109
Delta R.T. -0.01 min
Lab File: BM021068.D
Acq: 20 Jun 2019 19:14

Instrument :
BNA_M
ClientSampleId :
PB120267BL

Tgt Ion: 42 Resp: 641

Ion	Ratio	Lower	Upper
42	100		
74	0.0	113.8	170.6#
44	747.1	8.2	12.2#

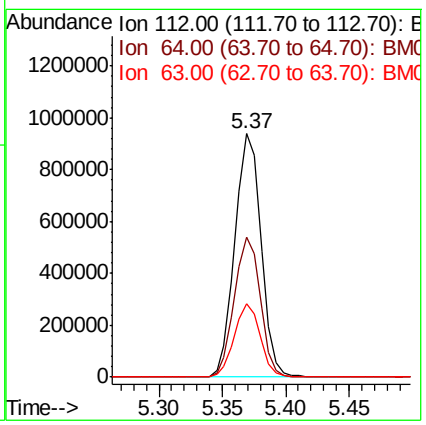


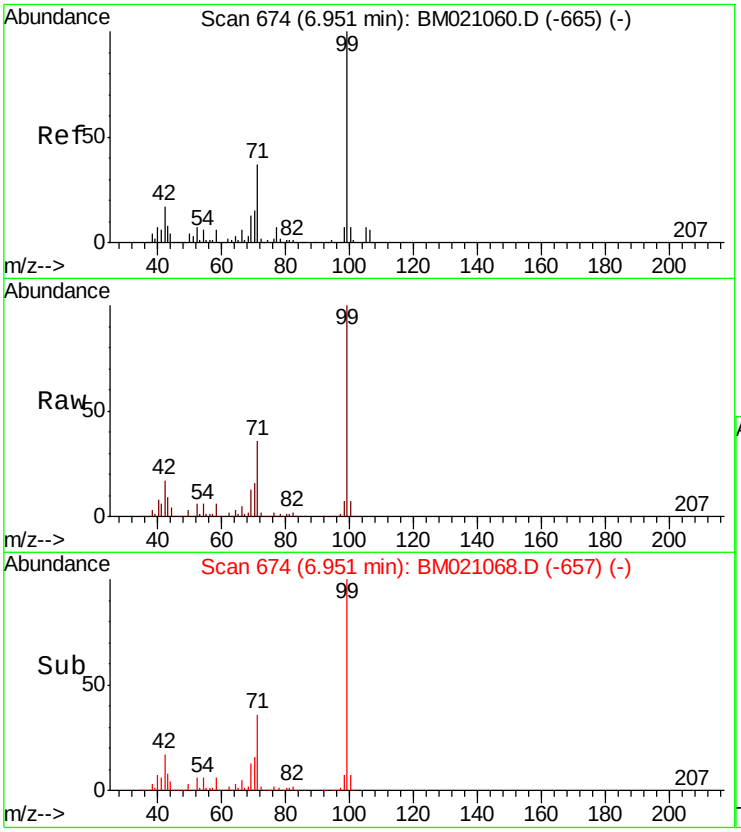


#5
2-Fluorophenol
Concen: 104.063 ng
RT: 5.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: BM021068.D
Acq: 20 Jun 2019 19:14

Tgt Ion:112 Resp: 1341909

Ion	Ratio	Lower	Upper
112	100		
64	57.7	45.2	67.8
63	29.9	23.5	35.3



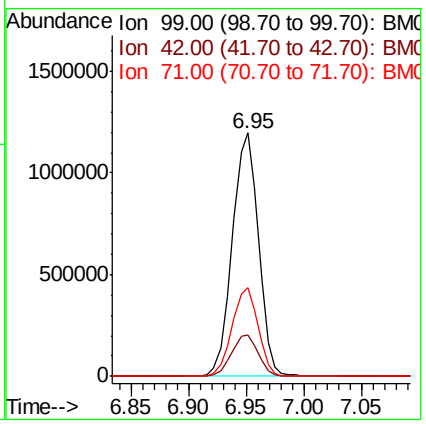


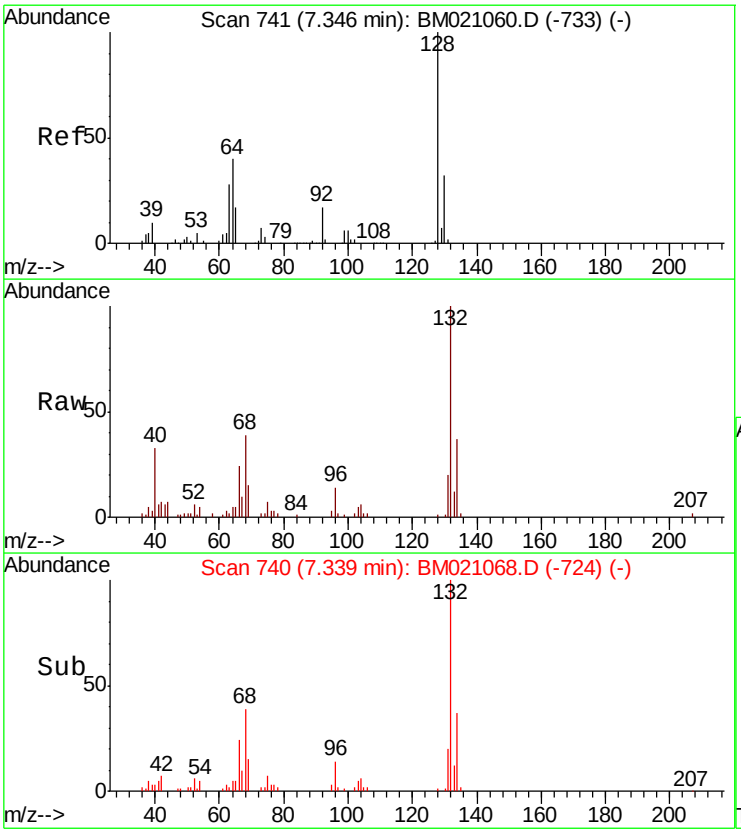
#7
Phenol-d6
Concen: 100.099 ng
RT: 6.95 min Scan# 674
Delta R.T. -0.00 min
Lab File: BM021068.D
Acq: 20 Jun 2019 19:14

Instrument :
BNA_M
ClientSampleId :
PB120267BL

Tgt Ion: 99 Resp: 1879746

Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.5	20.3
71	36.3	29.3	43.9

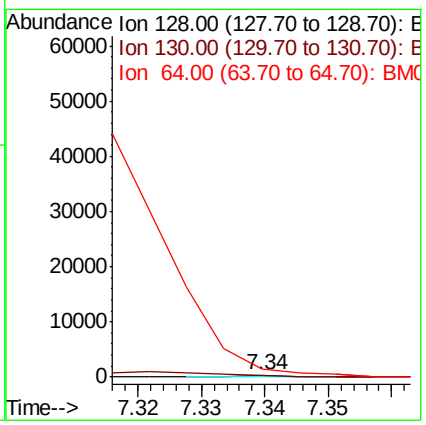


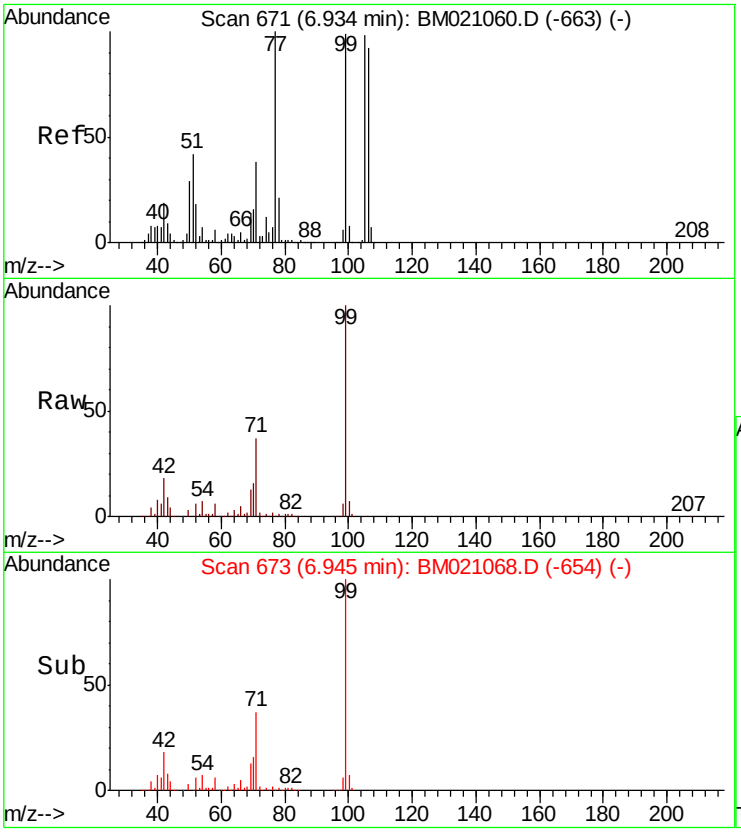


#8
2-Chlorophenol
Concen: 0.007 ng
RT: 7.34 min Scan# 740
Delta R.T. -0.01 min
Lab File: BM021068.D
Acq: 20 Jun 2019 19:14

Tgt Ion:128 Resp: 115

Ion	Ratio	Lower	Upper
128	100		
130	128.5	12.2	52.2#
64	482.8	23.2	63.2#



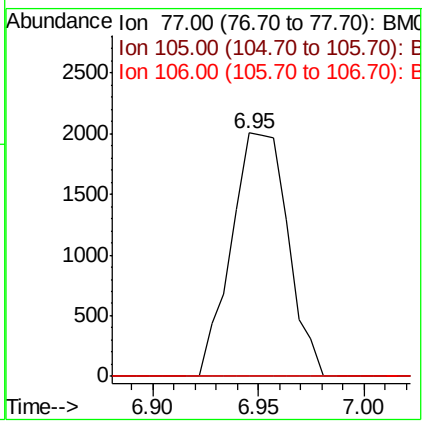


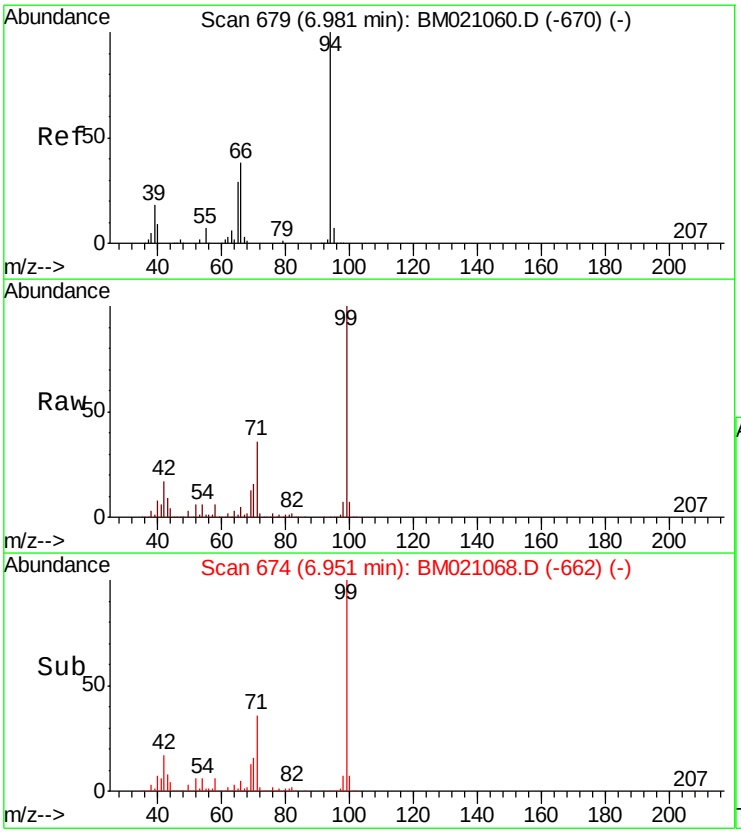
#9
Benzaldehyde
Concen: Below Cal
RT: 6.95 min Scan# 673
Delta R.T. 0.01 min
Lab File: BM021068.D
Acq: 20 Jun 2019 19:14

Instrument :
BNA_M
ClientSampleId :
PB120267BL

Tgt Ion: 77 Resp: 3712

Ion	Ratio	Lower	Upper
77	100		
105	0.0	77.8	117.8#
106	0.0	71.8	111.8#

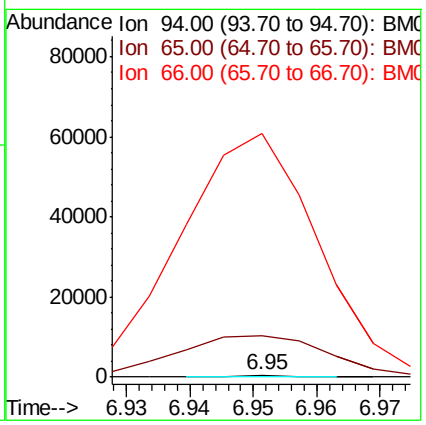


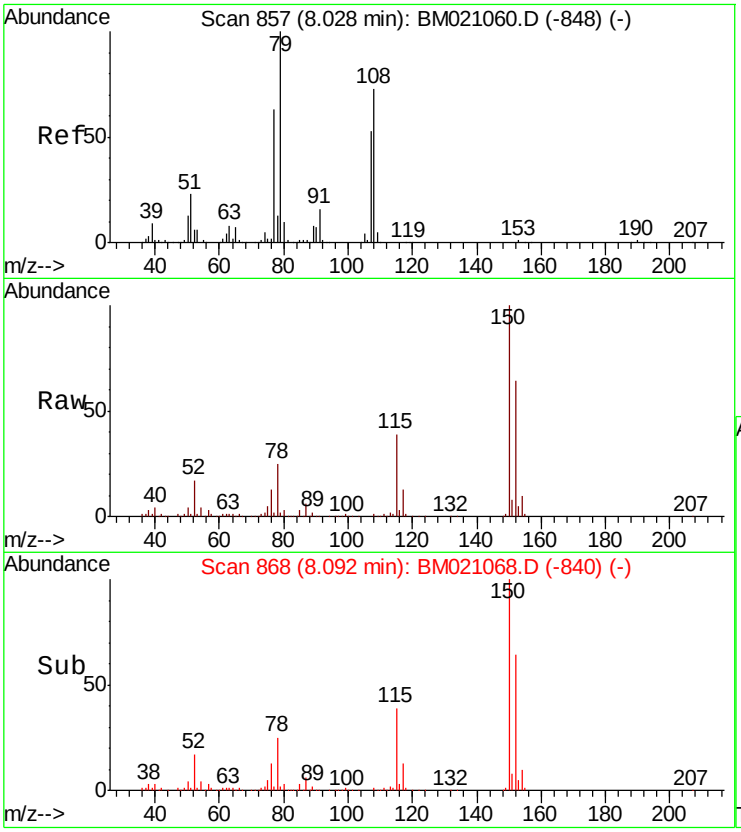


#10
Phenol
Concen: 0.008 ng
RT: 6.95 min Scan# 674
Delta R.T. -0.03 min
Lab File: BM021068.D
Acq: 20 Jun 2019 19:14

Tgt Ion: 94 Resp: 160

Ion	Ratio	Lower	Upper
94	100		
65	2283.2	8.7	48.7#
66	13416.3	19.0	59.0#



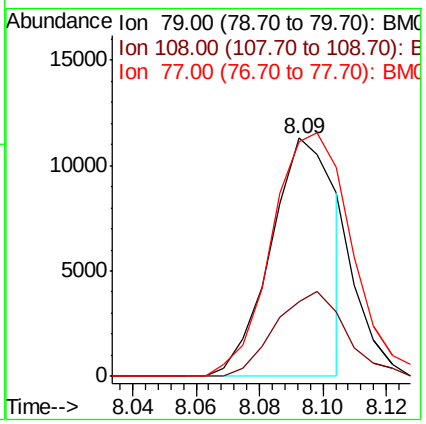


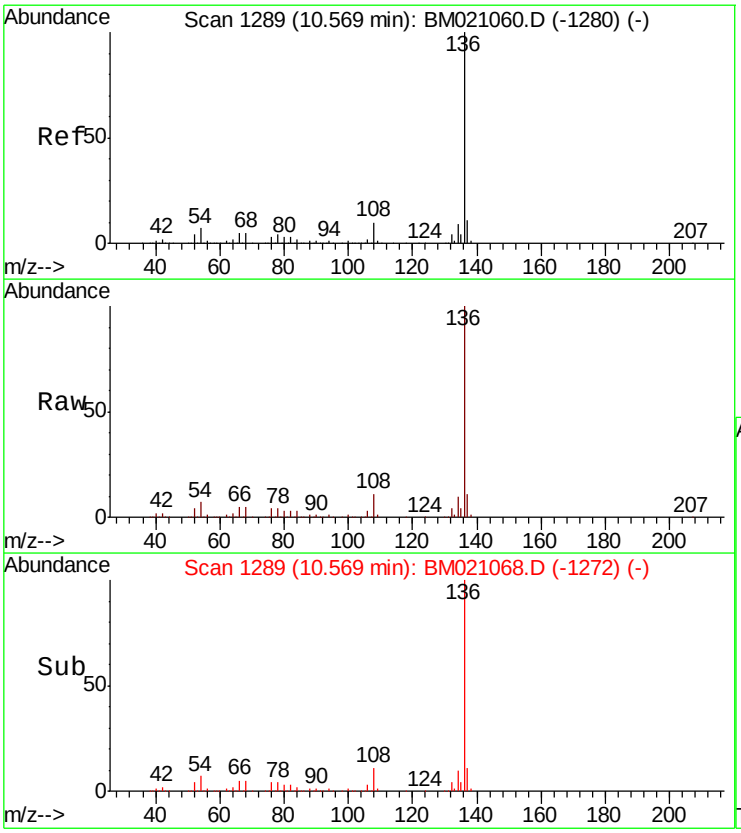
#15
Benzyl Alcohol
Concen: 1.048 ng
RT: 8.09 min Scan# 868
Delta R.T. 0.06 min
Lab File: BM021068.D
Acq: 20 Jun 2019 19:14

Instrument :
BNA_M
ClientSampleId :
PB120267BL

Tgt Ion: 79 Resp: 15929

Ion	Ratio	Lower	Upper
79	100		
108	31.3	58.4	87.6#
77	98.6	50.1	75.1#

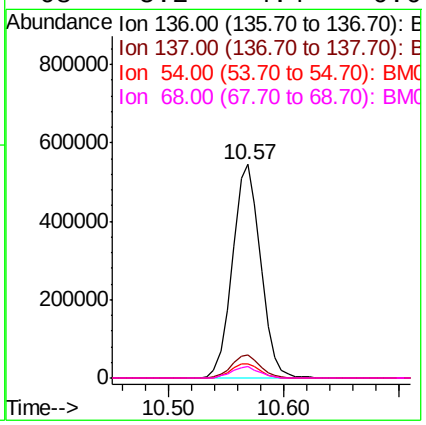


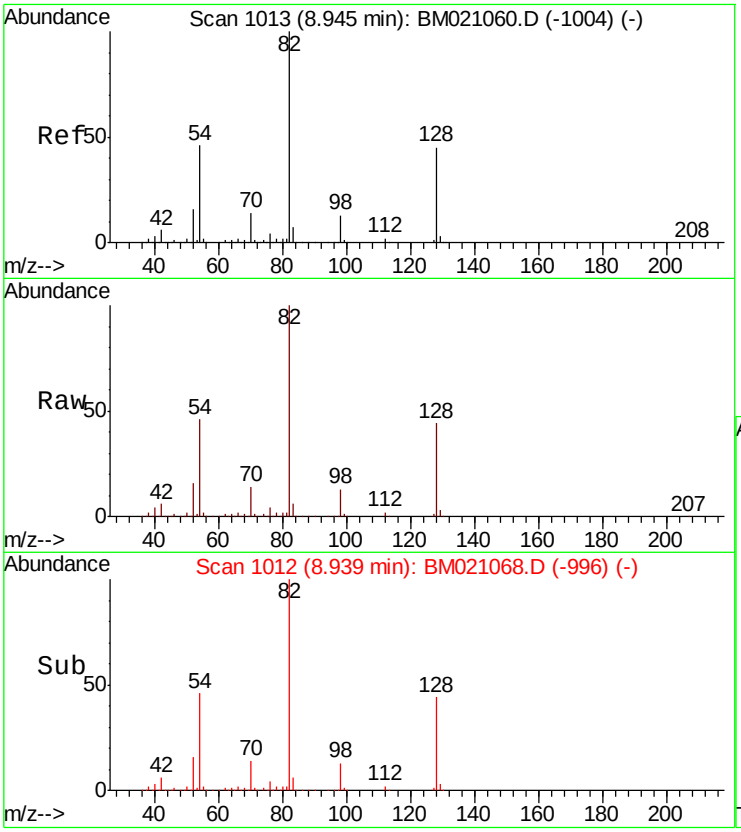


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.57 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BM021068.D
Acq: 20 Jun 2019 19:14

Tgt Ion:136 Resp: 919263

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	6.7	5.3	7.9
68	5.2	4.4	6.6



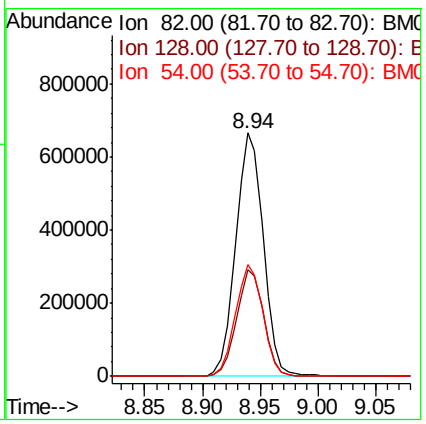


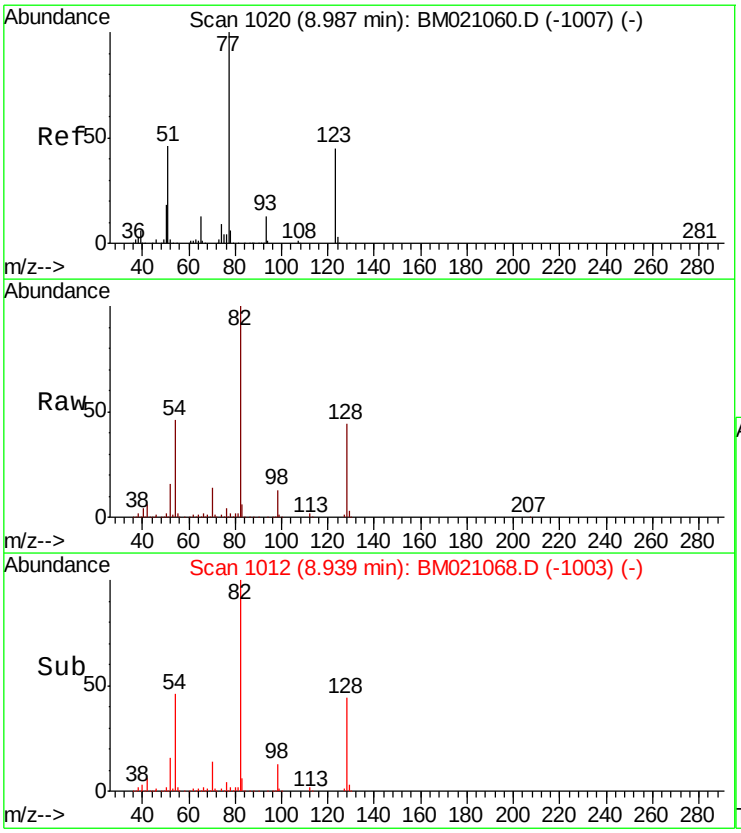
#23
Nitrobenzene-d5
Concen: 62.395 ng
RT: 8.94 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BM021068.D
Acq: 20 Jun 2019 19:14

Instrument :
BNA_M
ClientSampleId :
PB120267BL

Tgt Ion: 82 Resp: 1100552

Ion	Ratio	Lower	Upper
82	100		
128	43.7	35.9	53.9
54	45.7	36.6	55.0

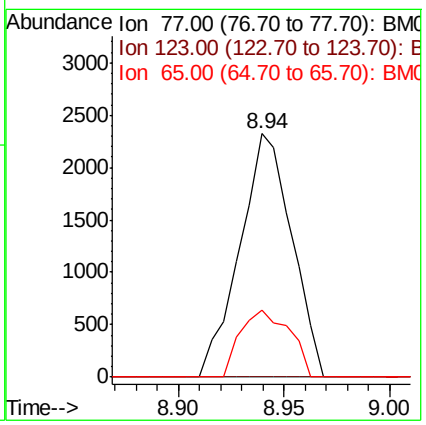


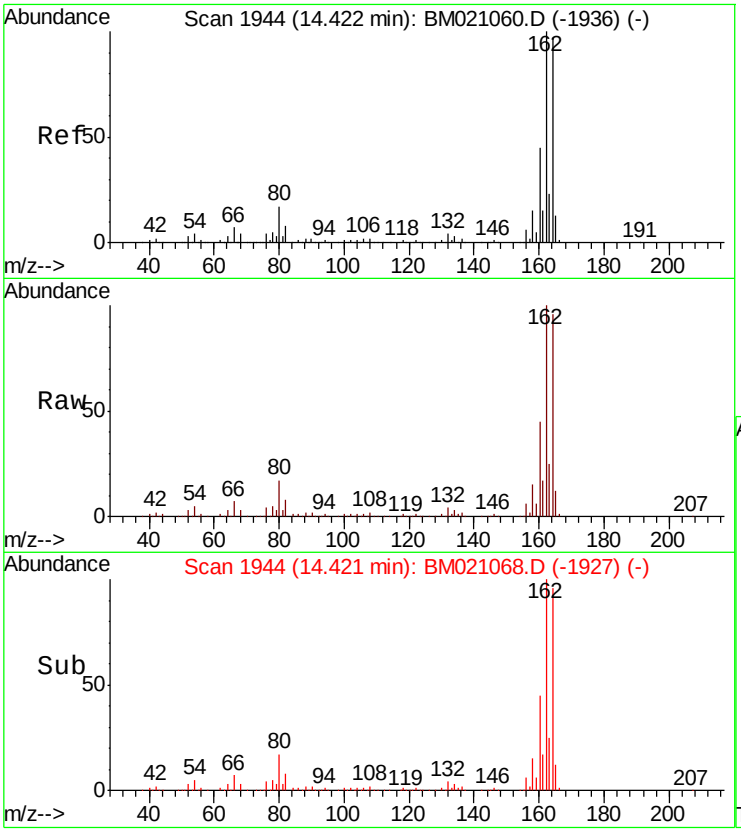


#24
Nitrobenzene
Concen: 0.227 ng
RT: 8.94 min Scan# 1012
Delta R.T. -0.05 min
Lab File: BM021068.D
Acq: 20 Jun 2019 19:14

Tgt Ion: 77 Resp: 3971

Ion	Ratio	Lower	Upper
77	100		
123	0.0	36.3	54.5#
65	27.5	10.6	16.0#



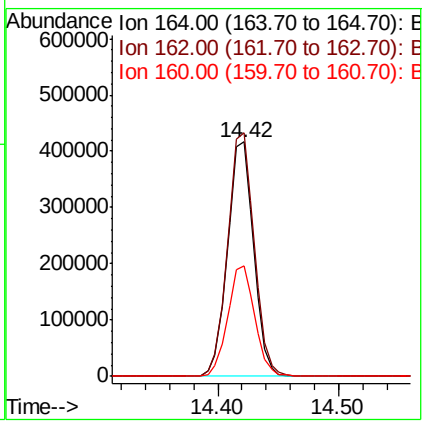


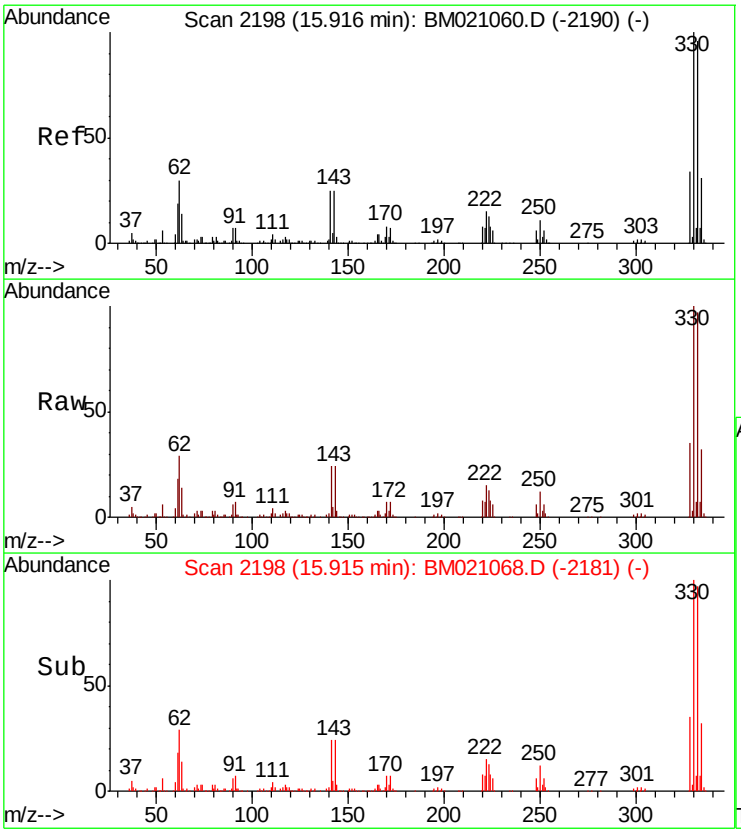
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.42 min Scan# 1944
Delta R.T. -0.00 min
Lab File: BM021068.D
Acq: 20 Jun 2019 19:14

Instrument :
BNA_M
ClientSampleId :
PB120267BL

Tgt Ion:164 Resp: 627554

Ion	Ratio	Lower	Upper
164	100		
162	104.0	82.1	123.1
160	47.0	37.1	55.7

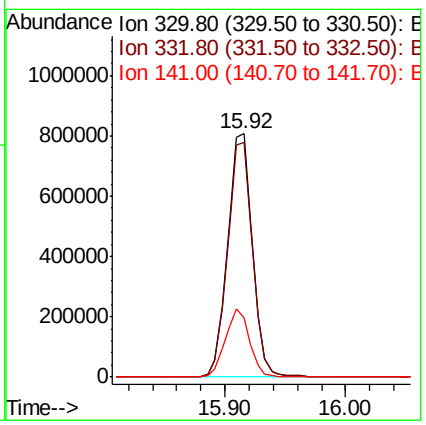


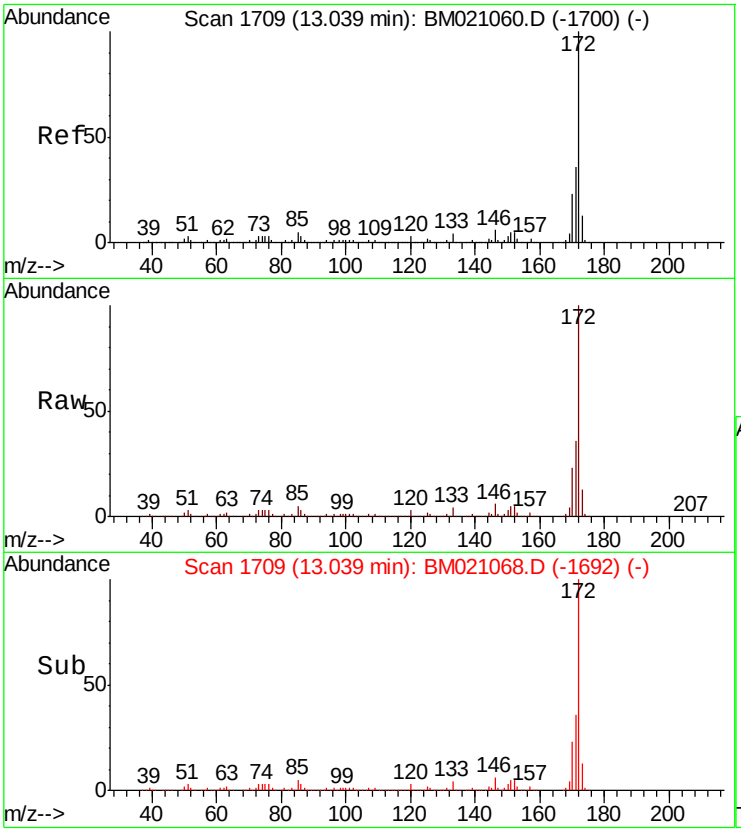


#42
2,4,6-Tribromophenol
Concen: 98.414 ng
RT: 15.92 min Scan# 2198
Delta R.T. -0.00 min
Lab File: BM021068.D
Acq: 20 Jun 2019 19:14

Tgt Ion:330 Resp: 1158897

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.1	115.7
141	27.4	21.8	32.8



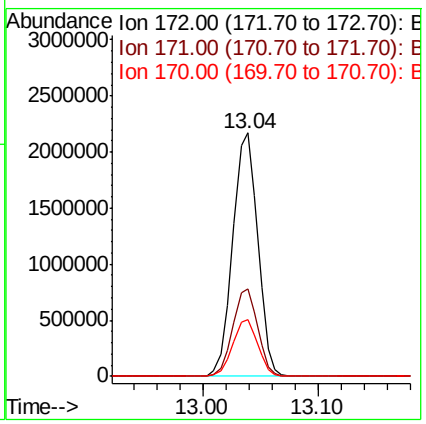


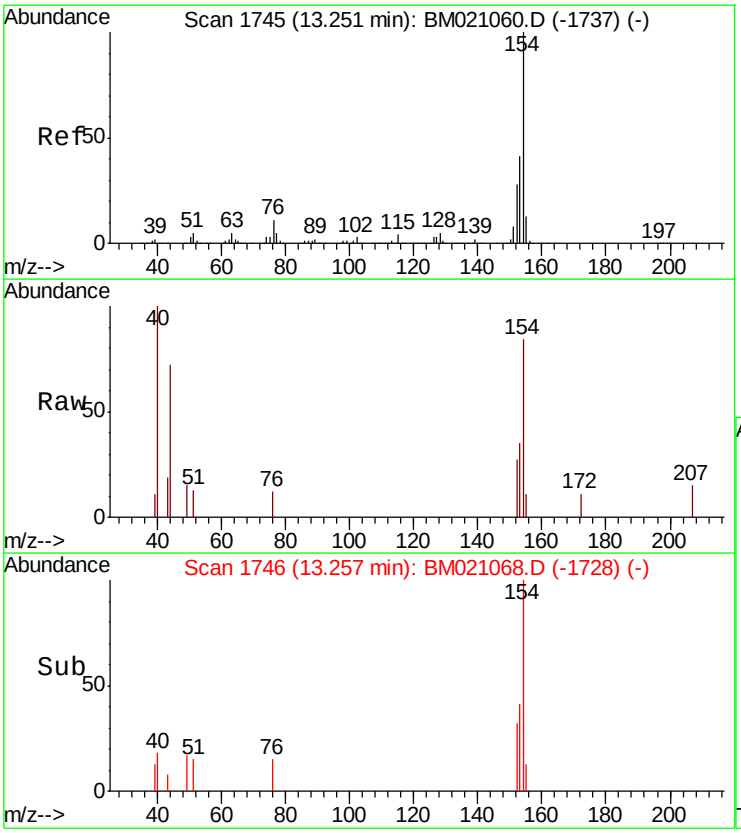
#45
2-Fluorobiphenyl
Concen: 63.851 ng
RT: 13.04 min Scan# 1709
Delta R.T. -0.00 min
Lab File: BM021068.D
Acq: 20 Jun 2019 19:14

Instrument :
BNA_M
ClientSampleId :
PB120267BL

Tgt Ion:172 Resp: 3260365

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	43.0
170	23.2	18.7	28.1

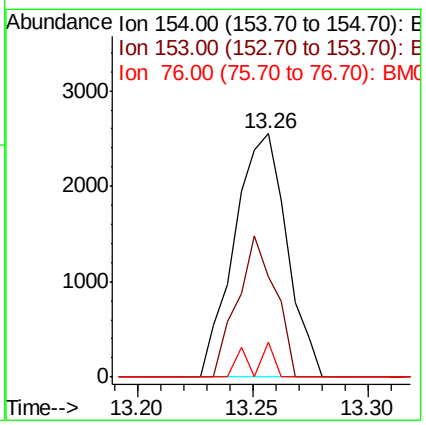


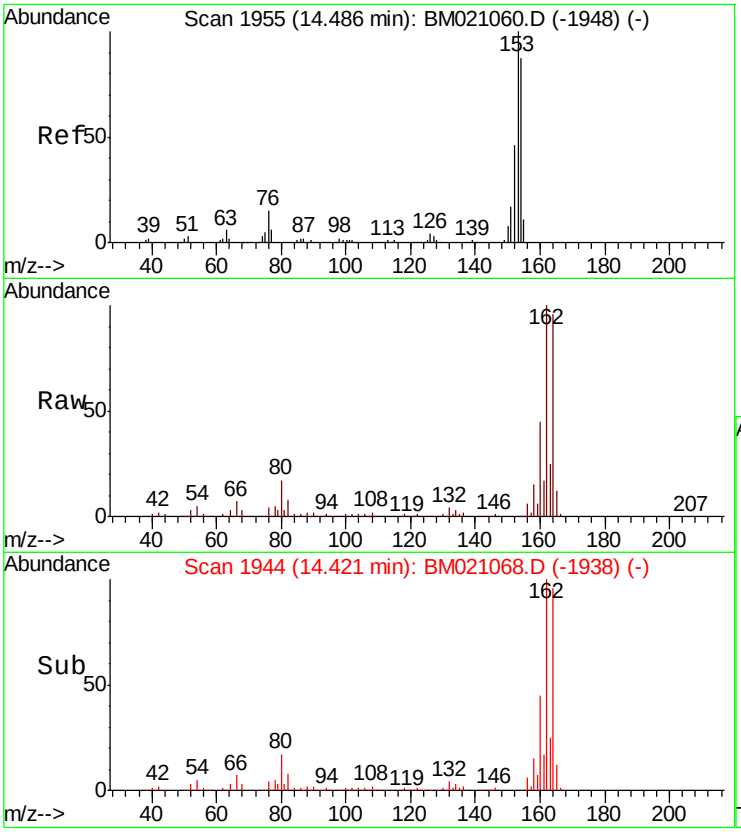


#46
1,1'-Biphenyl
Concen: 0.075 ng
RT: 13.26 min Scan# 1746
Delta R.T. 0.01 min
Lab File: BM021068.D
Acq: 20 Jun 2019 19:14

Tgt Ion:154 Resp: 4033

Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.3	61.3
76	14.5	0.0	30.9



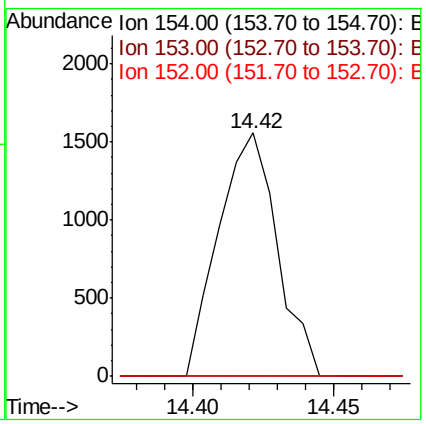


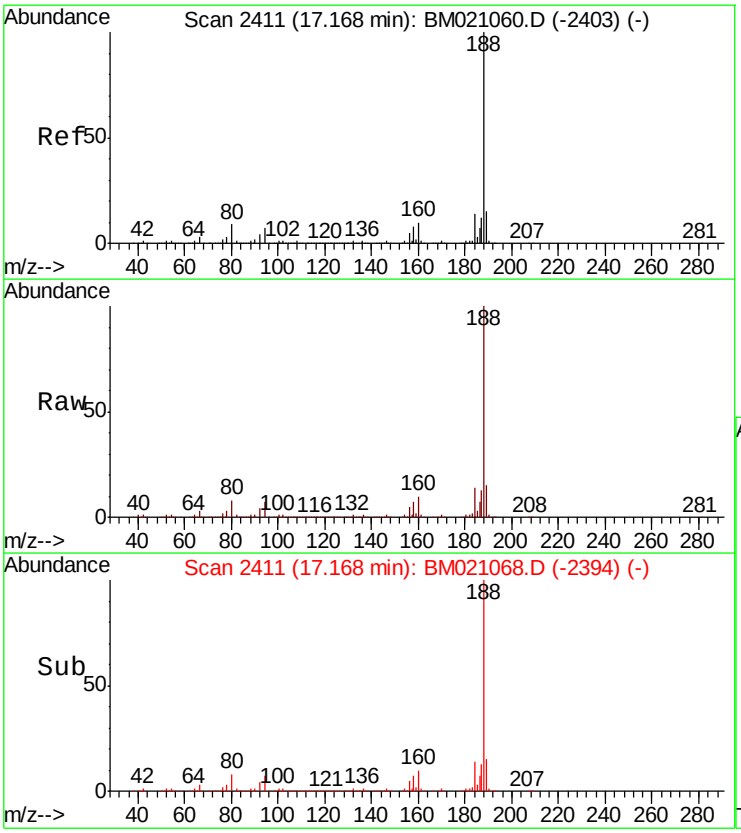
#52
Acenaphthene
Concen: 0.056 ng
RT: 14.42 min Scan# 1944
Delta R.T. -0.06 min
Lab File: BM021068.D
Acq: 20 Jun 2019 19:14

Instrument :
BNA_M
ClientSampleId :
PB120267BL

Tgt Ion:154 Resp: 2244

Ion	Ratio	Lower	Upper
154	100		
153	0.0	91.5	137.3#
152	0.0	42.3	63.5#

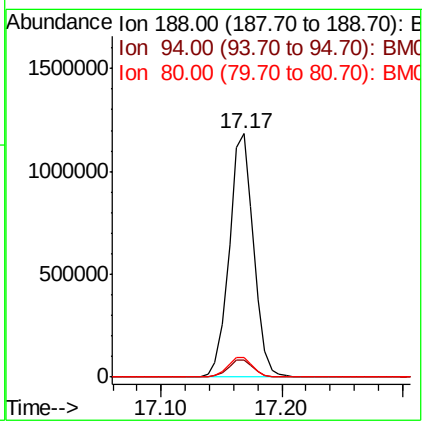


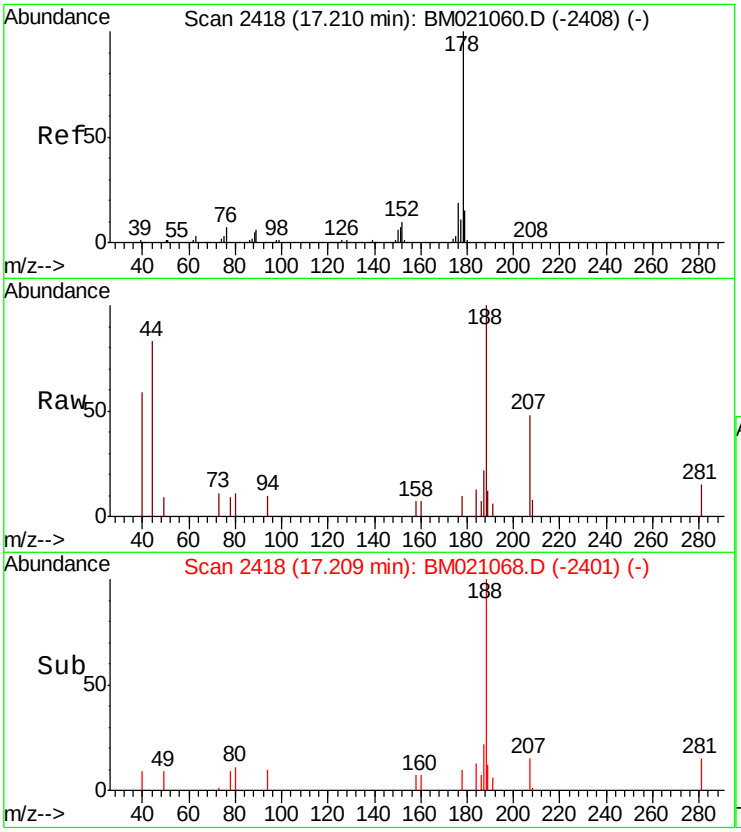


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.17 min Scan# 2411
Delta R.T. -0.00 min
Lab File: BM021068.D
Acq: 20 Jun 2019 19:14

Tgt Ion:188 Resp: 1653985

Ion	Ratio	Lower	Upper
188	100		
94	7.0	5.8	8.8
80	8.0	6.9	10.3



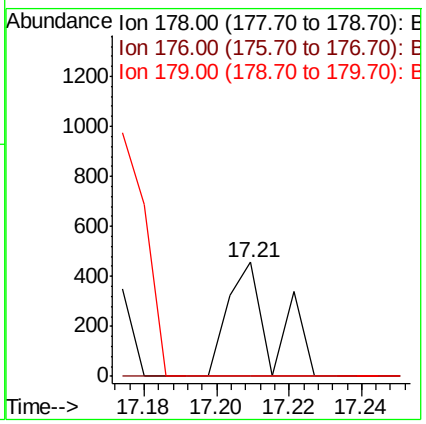


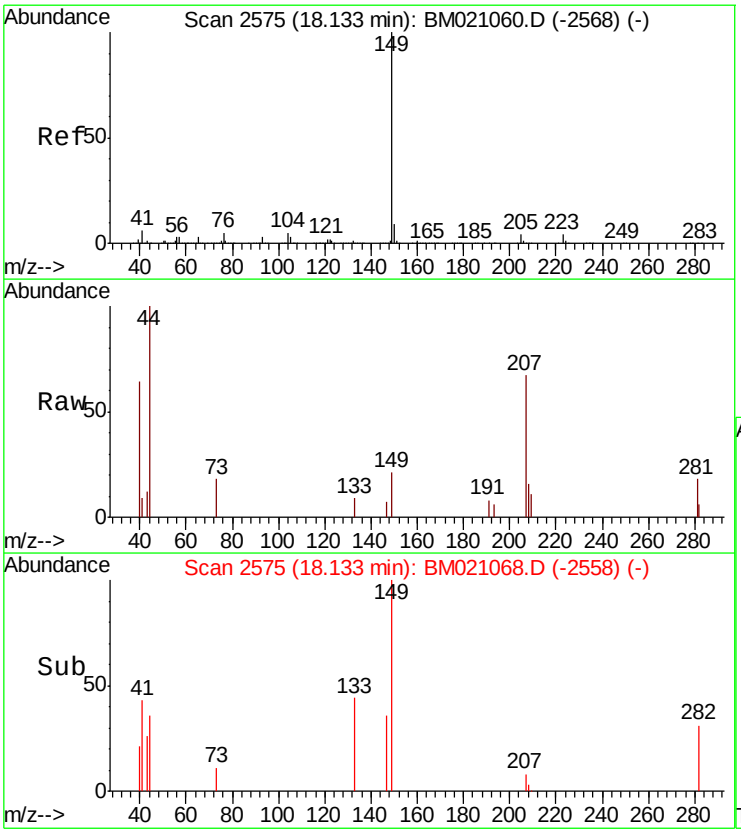
#71
Phenanthrene
Concen: 0.004 ng
RT: 17.21 min Scan# 2418
Delta R.T. -0.00 min
Lab File: BM021068.D
Acq: 20 Jun 2019 19:14

Instrument :
BNA_M
ClientSampleId :
PB120267BL

Tgt Ion:178 Resp: 396

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

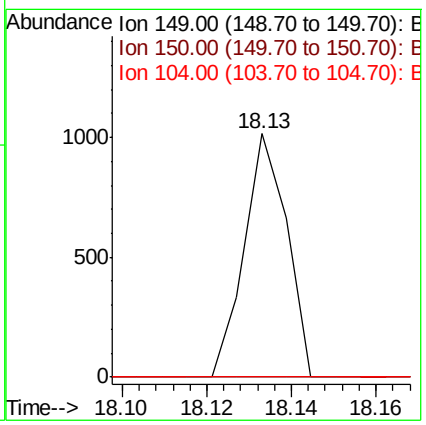


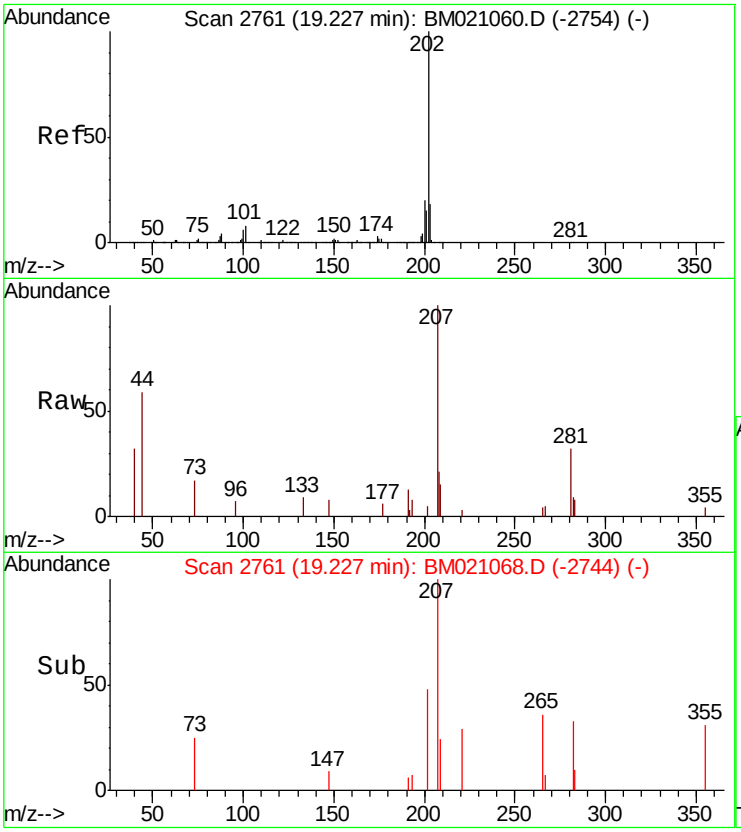


#74
Di-n-butylphthalate
Concen: 0.007 ng
RT: 18.13 min Scan# 2575
Delta R.T. -0.00 min
Lab File: BM021068.D
Acq: 20 Jun 2019 19:14

Tgt Ion:149 Resp: 710

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.4	11.0#
104	0.0	3.8	5.8#



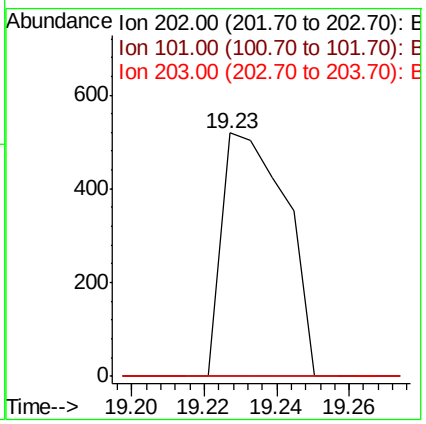


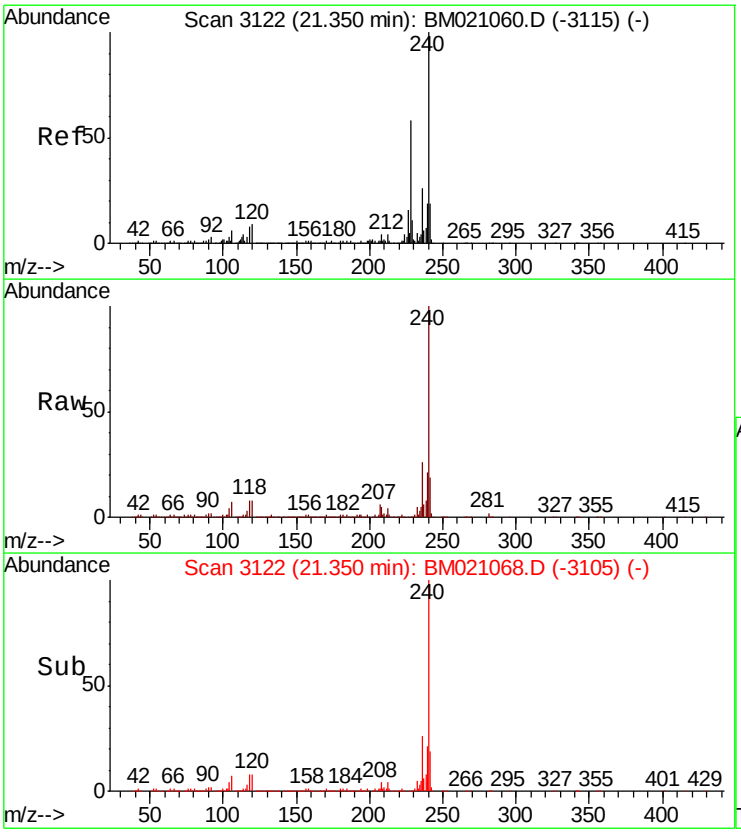
#75
Fluoranthene
Concen: 0.006 ng
RT: 19.23 min Scan# 2761
Delta R.T. -0.00 min
Lab File: BM021068.D
Acq: 20 Jun 2019 19:14

Instrument :
BNA_M
ClientSampleId :
PB120267BL

Tgt Ion:202 Resp: 635

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	28.2
203	0.0	0.0	37.6

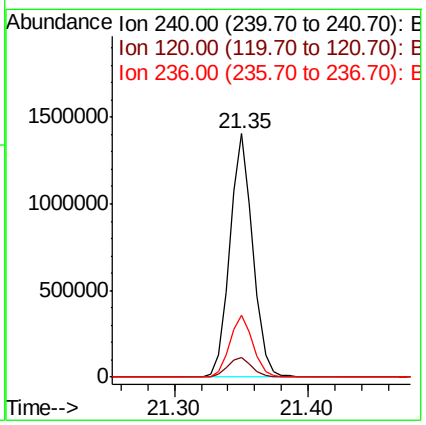


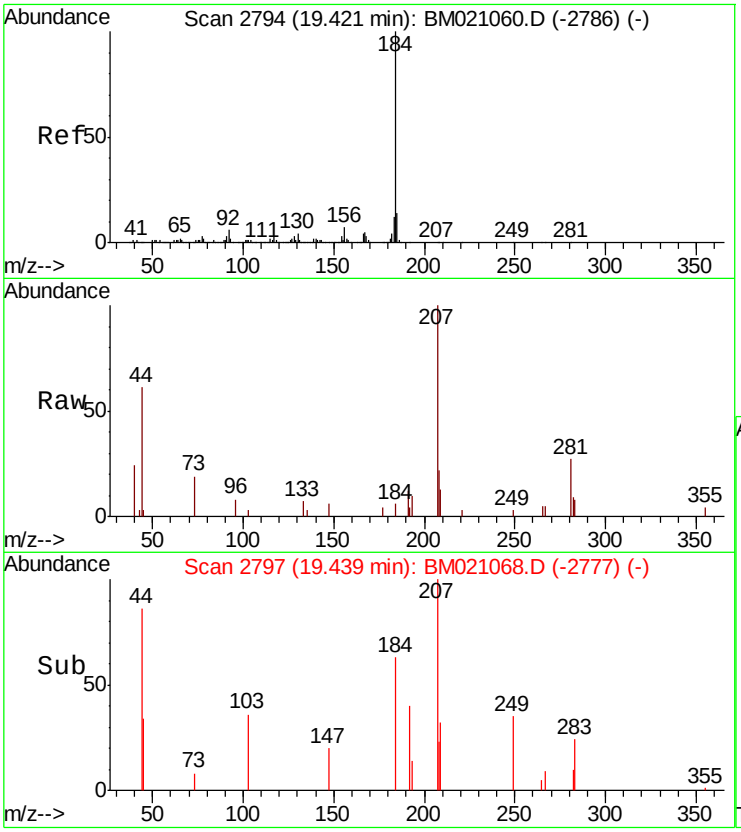


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.35 min Scan# 3122
Delta R.T. -0.00 min
Lab File: BM021068.D
Acq: 20 Jun 2019 19:14

Tgt Ion:240 Resp: 1686634

Ion	Ratio	Lower	Upper
240	100		
120	8.2	6.9	10.3
236	25.7	20.4	30.6



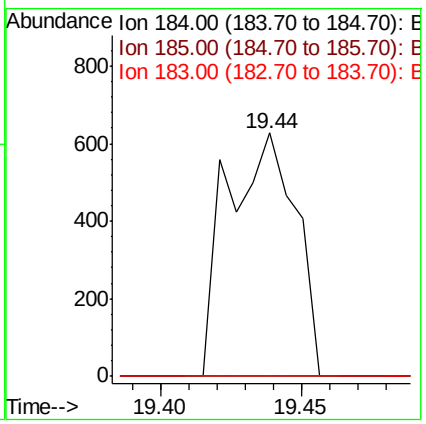


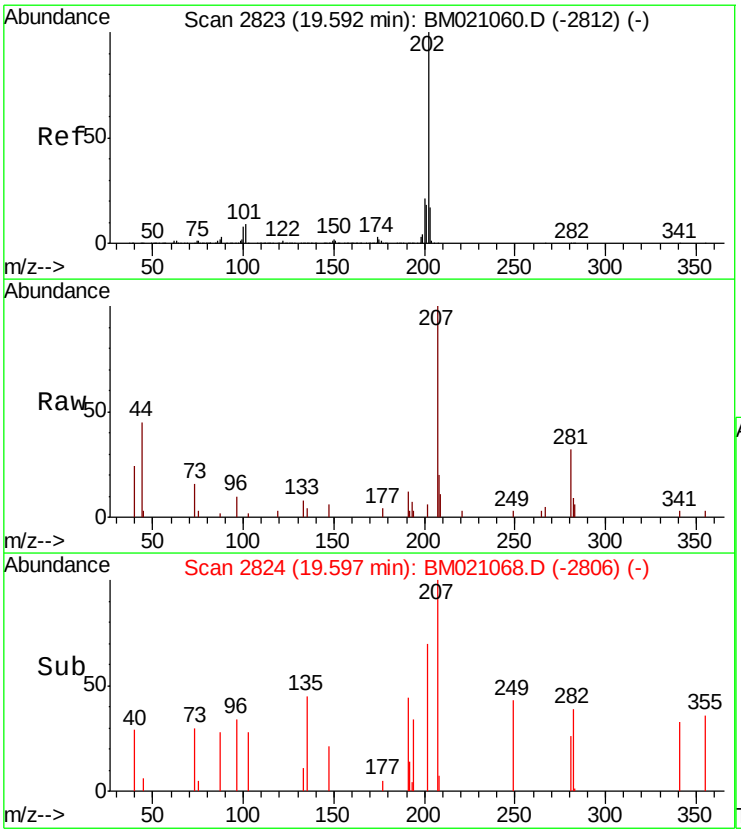
#77
Benzidine
Concen: 0.021 ng
RT: 19.44 min Scan# 2797
Delta R.T. 0.02 min
Lab File: BM021068.D
Acq: 20 Jun 2019 19:14

Instrument :
BNA_M
ClientSampleId :
PB120267BL

Tgt Ion:184 Resp: 1053

Ion	Ratio	Lower	Upper
184	100		
185	0.0	11.4	17.2#
183	0.0	9.6	14.4#

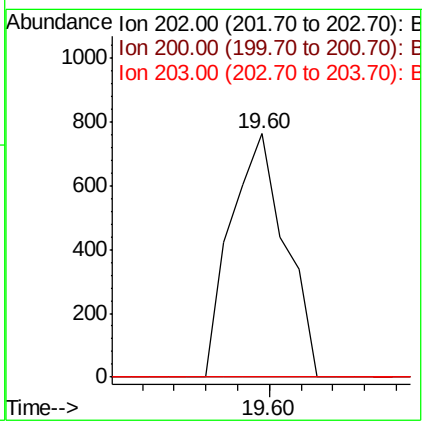


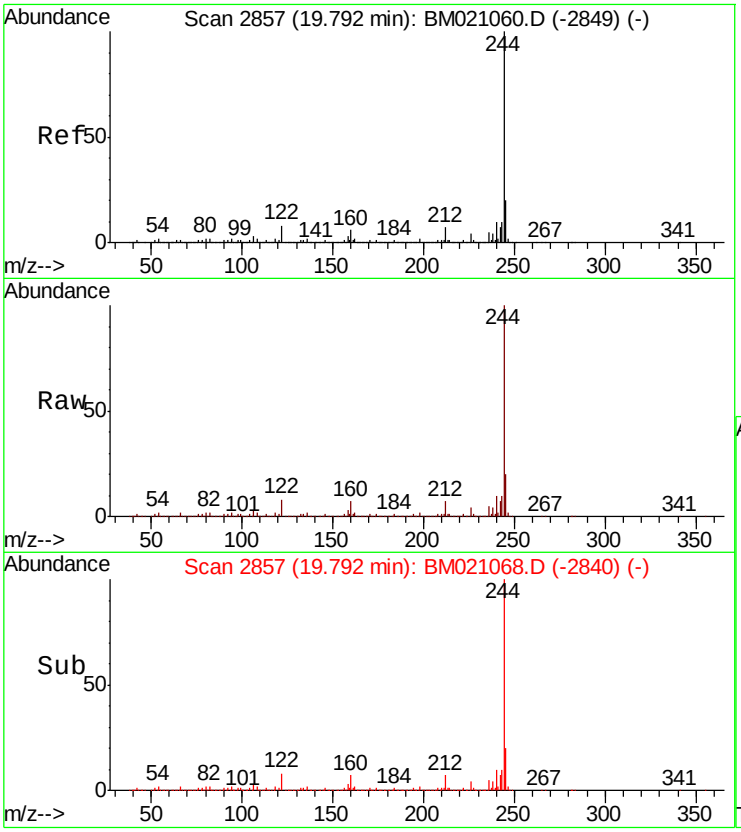


#78
Pyrene
Concen: 0.007 ng
RT: 19.60 min Scan# 2824
Delta R.T. 0.01 min
Lab File: BM021068.D
Acq: 20 Jun 2019 19:14

Tgt Ion:202 Resp: 906

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



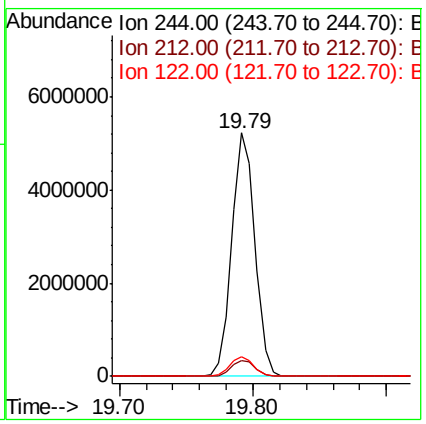


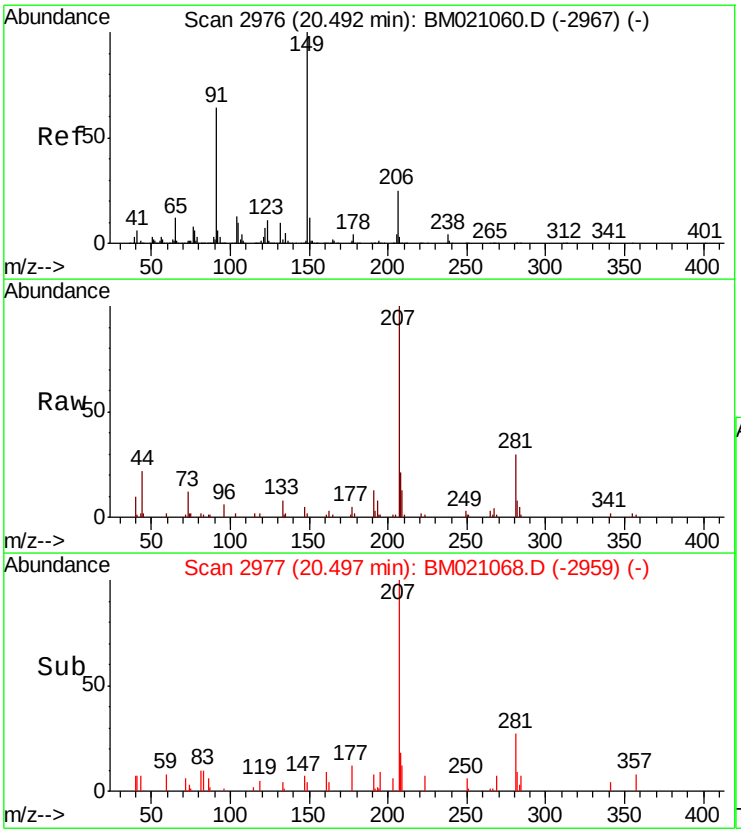
#79
Terphenyl-d14
Concen: 70.142 ng
RT: 19.79 min Scan# 2857
Delta R.T. -0.00 min
Lab File: BM021068.D
Acq: 20 Jun 2019 19:14

Instrument :
BNA_M
ClientSampleId :
PB120267BL

Tgt Ion:244 Resp: 6334147

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.3	7.9
122	8.2	6.6	9.8

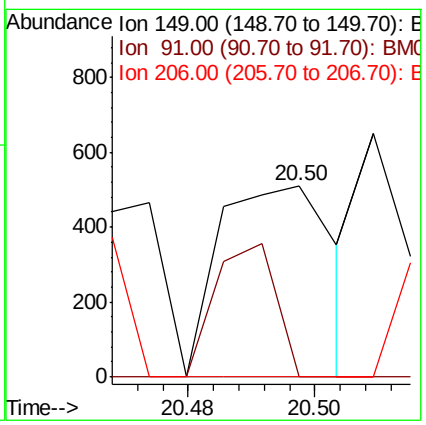


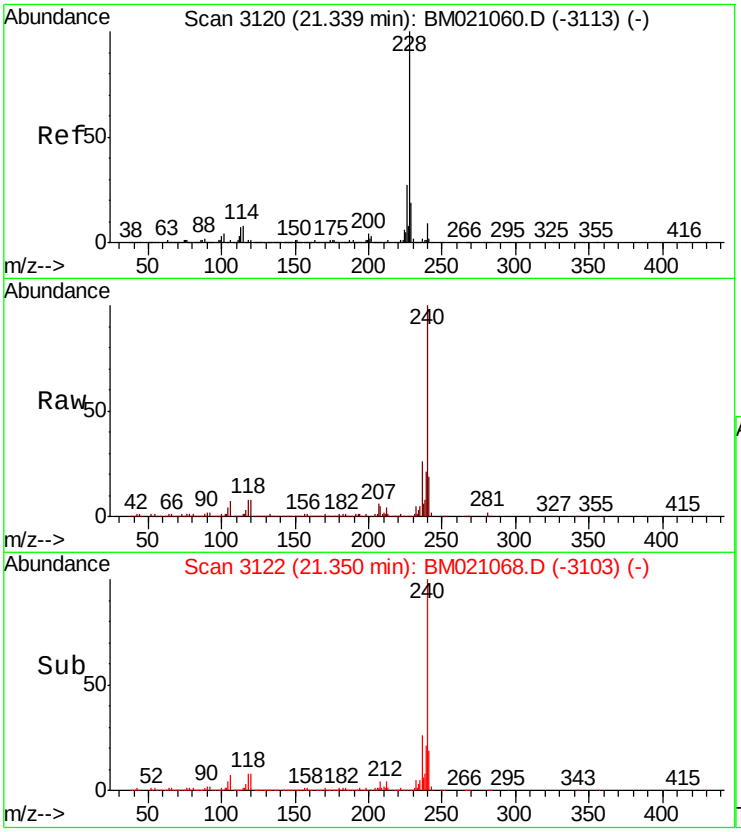


#80
Butylbenzylphthalate
Concen: 0.013 ng
RT: 20.50 min Scan# 2977
Delta R.T. 0.01 min
Lab File: BM021068.D
Acq: 20 Jun 2019 19:14

Tgt Ion:149 Resp: 638

Ion	Ratio	Lower	Upper
149	100		
91	0.0	50.9	76.3#
206	0.0	19.7	29.5#



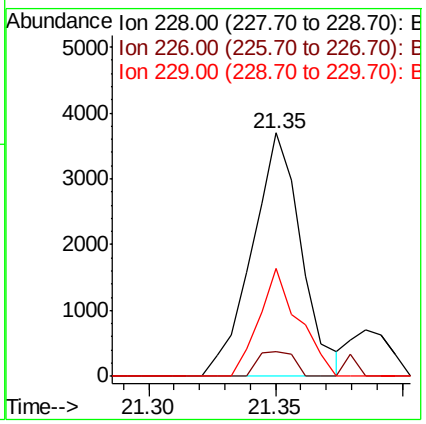


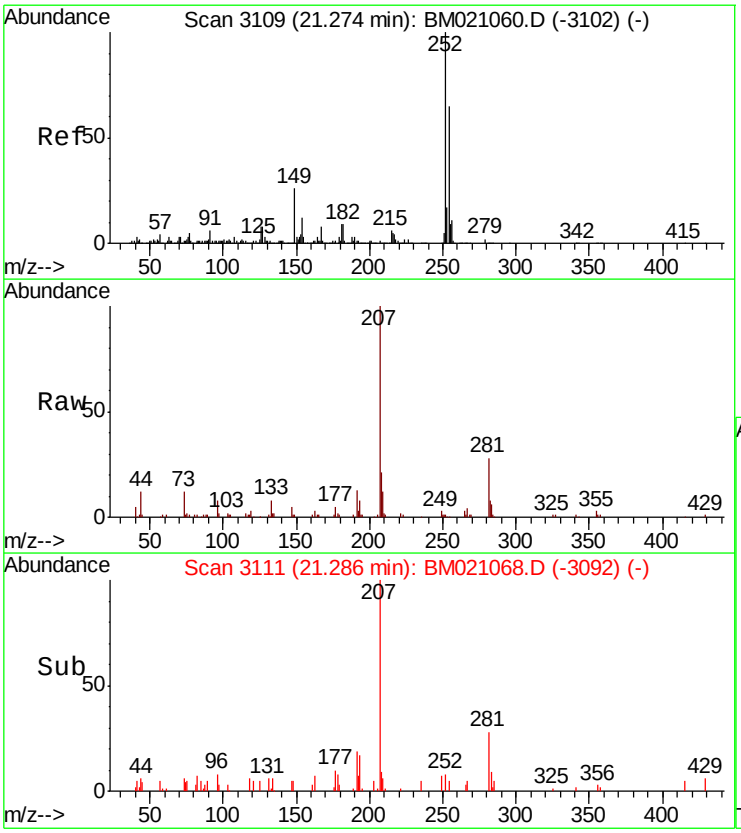
#81
Benzo(a)anthracene
Concen: 0.044 ng
RT: 21.35 min Scan# 3122
Delta R.T. 0.01 min
Lab File: BM021068.D
Acq: 20 Jun 2019 19:14

Instrument :
BNA_M
ClientSampleId :
PB120267BL

Tgt Ion:228 Resp: 5030

Ion	Ratio	Lower	Upper
228	100		
226	10.0	21.6	32.4#
229	44.3	15.5	23.3#

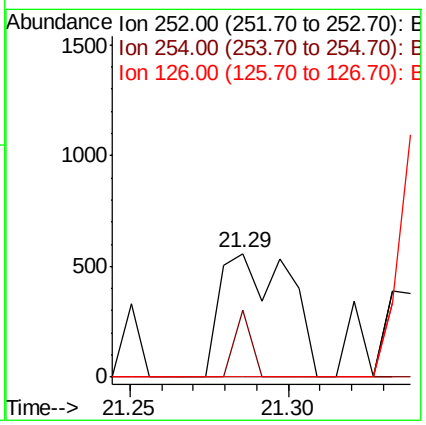


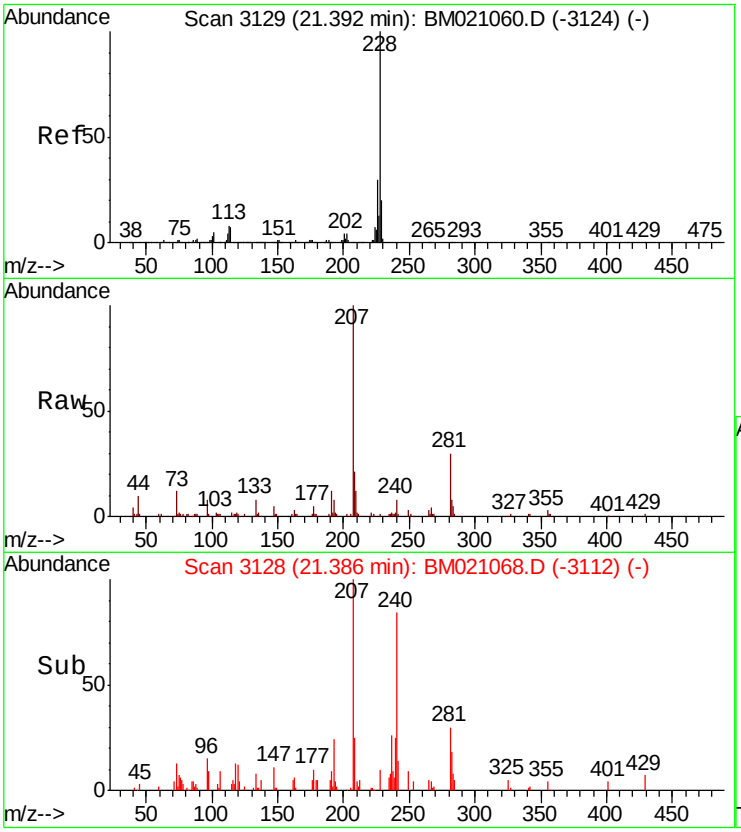


#82
3,3'-Dichlorobenzidine
Concen: 0.019 ng
RT: 21.29 min Scan# 3111
Delta R.T. 0.01 min
Lab File: BM021068.D
Acq: 20 Jun 2019 19:14

Tgt Ion:252 Resp: 828

Ion	Ratio	Lower	Upper
252	100		
254	54.6	51.7	77.5
126	0.0	6.6	9.8#



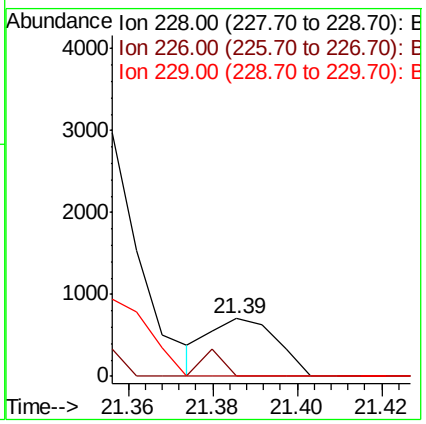


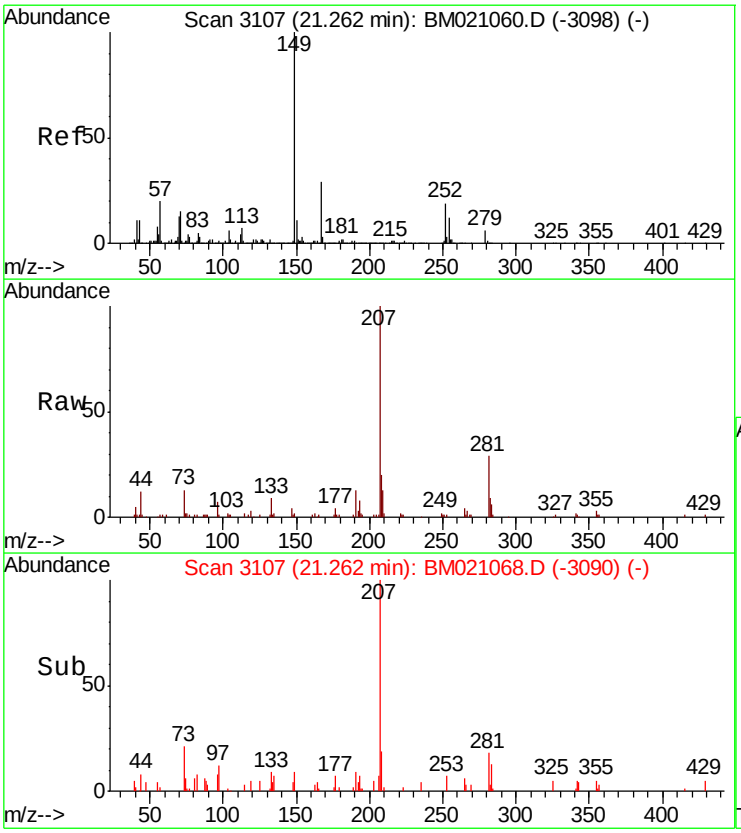
#83
Chrysene
Concen: 0.007 ng
RT: 21.39 min Scan# 3128
Delta R.T. -0.01 min
Lab File: BM021068.D
Acq: 20 Jun 2019 19:14

Instrument :
BNA_M
ClientSampleId :
PB120267BL

Tgt Ion:228 Resp: 783

Ion	Ratio	Lower	Upper
228	100		
226	0.0	24.1	36.1#
229	0.0	15.6	23.4#

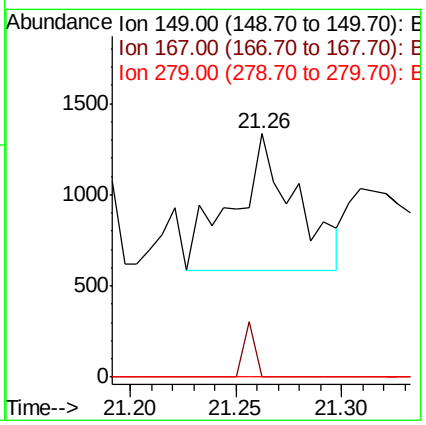


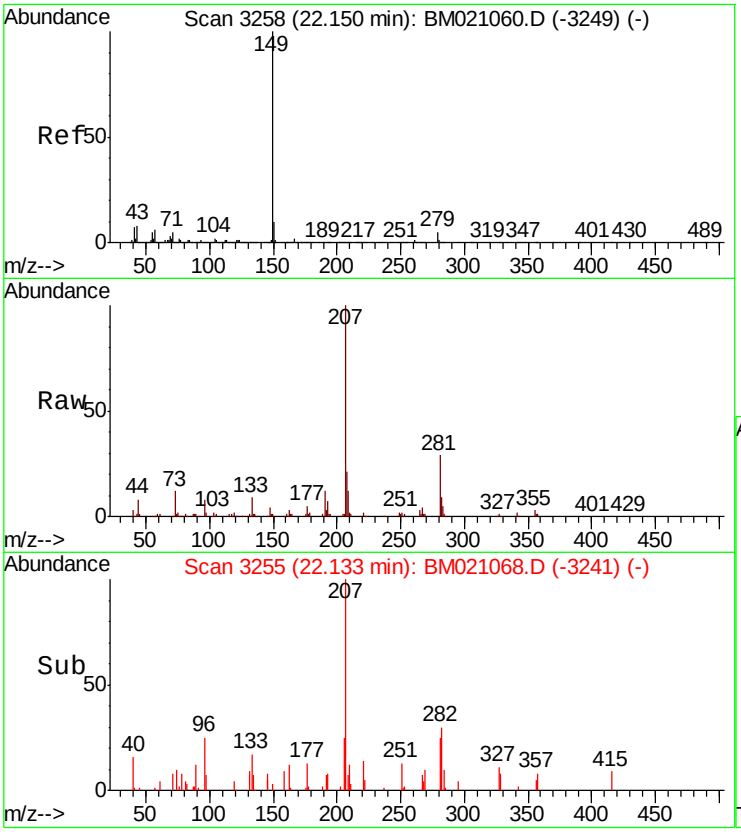


#84
Bis(2-ethylhexyl)phthalate
Concen: 0.022 ng
RT: 21.26 min Scan# 3107
Delta R.T. -0.00 min
Lab File: BM021068.D
Acq: 20 Jun 2019 19:14

Tgt Ion:149 Resp: 1534

Ion	Ratio	Lower	Upper
149	100		
167	0.0	23.0	34.4#
279	0.0	4.6	7.0#



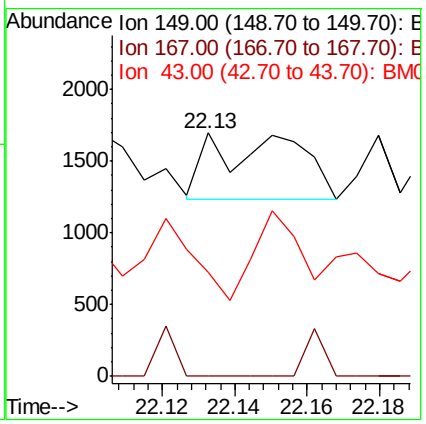


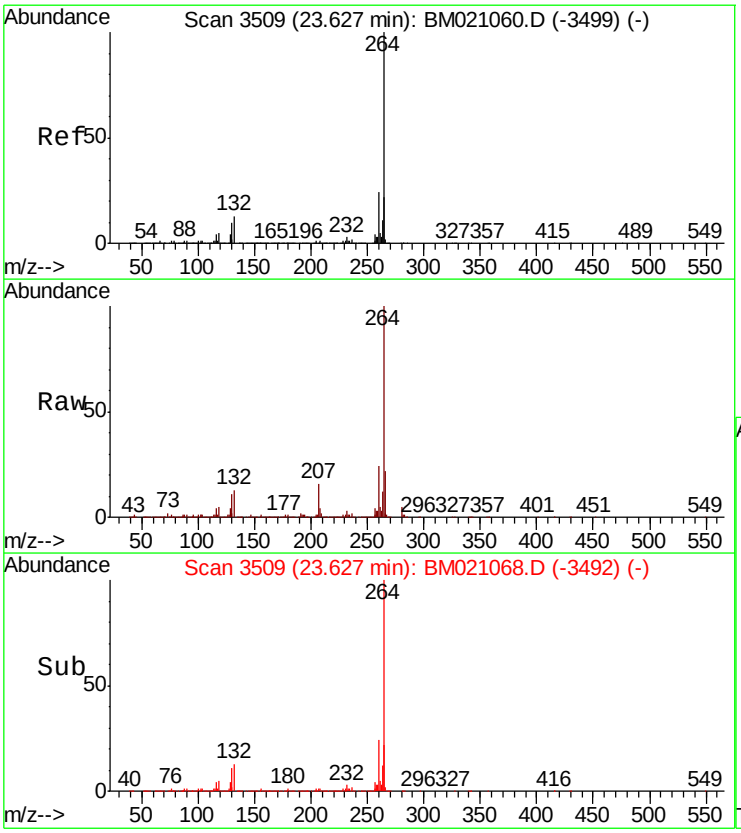
#85
Di-n-octyl phthalate
Concen: 0.007 ng
RT: 22.13 min Scan# 3255
Delta R.T. -0.02 min
Lab File: BM021068.D
Acq: 20 Jun 2019 19:14

Instrument :
BNA_M
ClientSampleId :
PB120267BL

Tgt Ion:149 Resp: 755

Ion	Ratio	Lower	Upper
149	100		
167	16.2	1.3	1.9#
43	89.7	6.2	9.2#

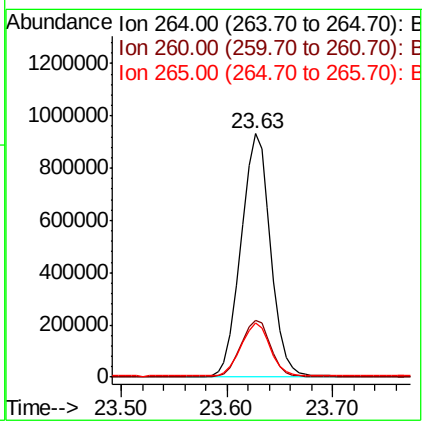


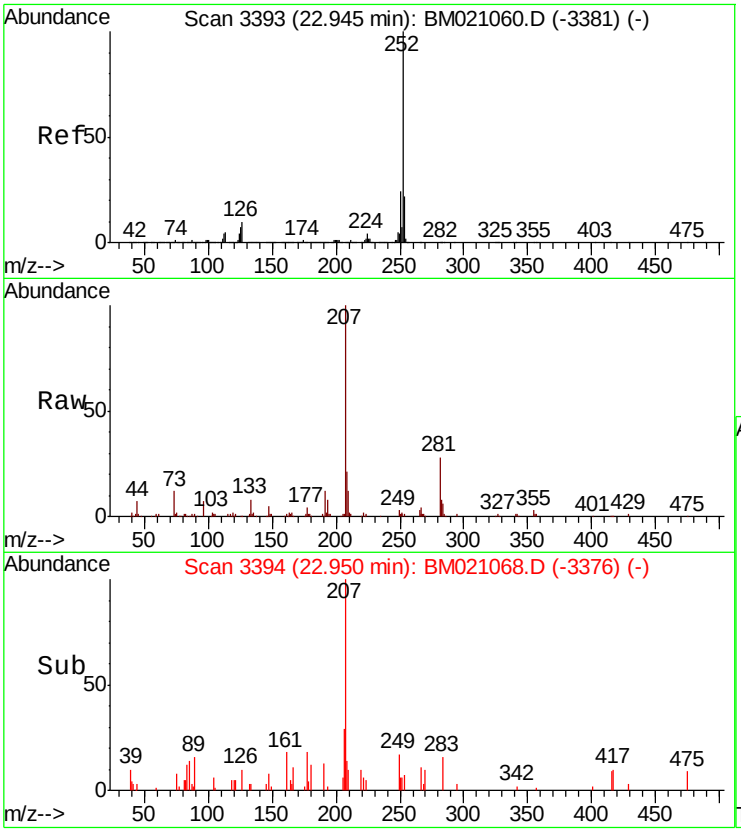


#87
Perylene-d12
Concen: 20.000 ng
RT: 23.63 min Scan# 3509
Delta R.T. -0.00 min
Lab File: BM021068.D
Acq: 20 Jun 2019 19:14

Tgt Ion:264 Resp: 1821599

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.4
265	22.2	17.7	26.5



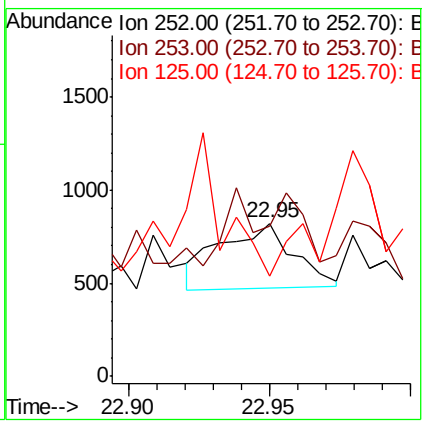


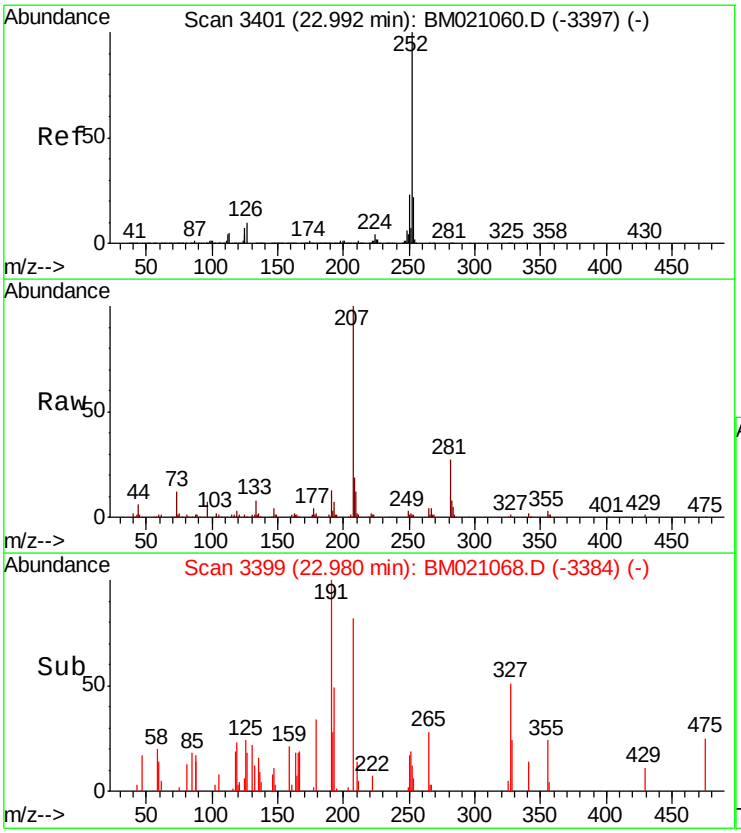
#88
Benzo(b)fluoranthene
Concen: 0.005 ng
RT: 22.95 min Scan# 3394
Delta R.T. 0.01 min
Lab File: BM021068.D
Acq: 20 Jun 2019 19:14

Instrument :
BNA_M
ClientSampleId :
PB120267BL

Tgt Ion:252 Resp: 636

Ion	Ratio	Lower	Upper
252	100		
253	98.2	17.4	26.0#
125	65.8	5.9	8.9#

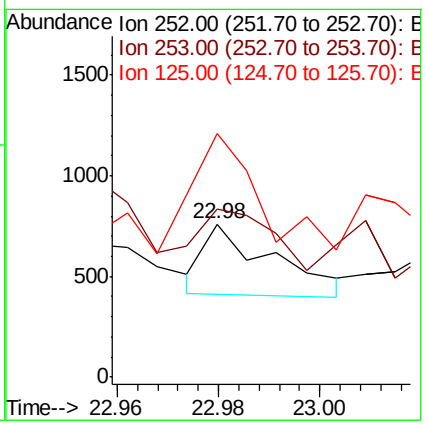


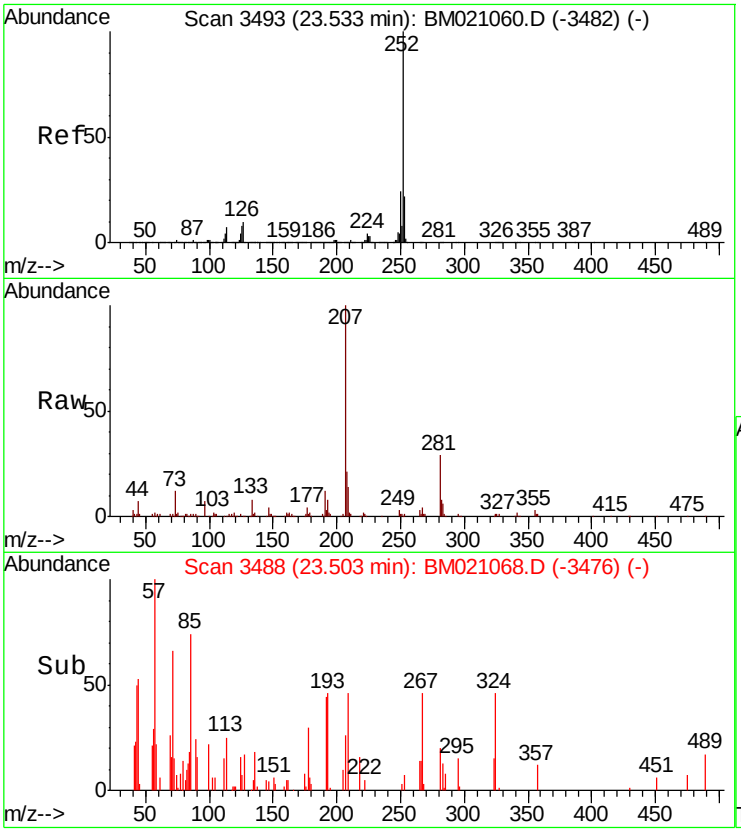


#89
Benzo(k)fluoranthene
Concen: 0.003 ng
RT: 22.98 min Scan# 3399
Delta R.T. -0.01 min
Lab File: BM021068.D
Acq: 20 Jun 2019 19:14

Tgt Ion:252 Resp: 329

Ion	Ratio	Lower	Upper
252	100		
253	110.0	17.5	26.3#
125	158.9	5.9	8.9#





#90
Benzo(a)pyrene
Concen: 0.001 ng
RT: 23.50 min Scan# 3488
Delta R.T. -0.03 min
Lab File: BM021068.D
Acq: 20 Jun 2019 19:14

Instrument :
BNA_M
ClientSampleId :
PB120267BL

Tgt Ion:252 Resp: 136

Ion	Ratio	Lower	Upper
252	100		
253	111.1	17.5	26.3#
125	137.1	6.6	10.0#