Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031219\
Data File : BM019120.D
Acq On : 12 Mar 2019 20:08
Operator : JU/SJ
Sample : K1842-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PR-MW-04_030819

Quant Time: Mar 13 03:55:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 11 17:30:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	233710	20.00	ng		0.00
21) Naphthalene-d8	10.45	136	967769	20.00	ng		0.00
39) Acenaphthene-d10	14.32	164	623740	20.00	ng		0.00
64) Phenanthrene-d10	17.07	188	1441173	20.00	ng		0.00
76) Chrysene-d12	21.27	240	1459069	20.00	ng		0.00
87) Perylene-d12	23.51	264	1353904	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	950267	65.85	ng		0.00
7) Phenol-d6	6.84	99	832585	39.44	ng		0.00
23) Nitrobenzene-d5	8.83	82	2024562	98.89	ng		0.00
42) 2,4,6-Tribromophenol	15.82	330	1517091	164.73	ng		0.00
45) 2-Fluorobiphenyl	12.93	172	4551732	94.92	ng		0.00
79) Terphenyl-d14	19.71	244	7989073	108.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	319	0.050	ng	#	17
4) n-Nitrosodimethylamine	3.55	42	108	0.020	ng	#	1
8) 2-Chlorophenol	7.23	128	109	0.006	ng	#	1
9) Benzaldehyde	6.84	77	2011	0.151	ng	#	6
10) Phenol	6.87	94	1646	0.072	ng	#	1
15) Benzyl Alcohol	7.98	79	29099	1.666	ng	#	49
24) Nitrobenzene	8.83	77	6406	0.301	ng	#	41
25) Isophorone	9.40	82	93	0.002	ng	#	68
36) 4-Chloro-3-methylphenol	11.83	107	108	0.006	ng	#	20
46) 1,1'-Biphenyl	13.15	154	5719	0.105	ng		96
50) Dimethylphthalate	13.80	163	1172	0.022	ng	#	78
51) 2,6-Dinitrotoluene	13.84	165	382	0.033	ng	#	20
52) Acenaphthene	14.32	154	2367	0.060	ng	#	5
60) Diethylphthalate	15.15	149	5742	0.106	ng		96
63) Azobenzene	15.69	77	264	0.005	ng	#	56
71) Phenanthrene	17.12	178	1468	0.017	ng	#	60
74) Di-n-butylphthalate	18.04	149	10762	0.114	ng	#	93
75) Fluoranthene	19.15	202	794	0.008	ng		63
78) Pyrene	19.52	202	429	0.005	ng	#	57
80) Butylbenzylphthalate	20.41	149	1135	0.028	ng	#	80
81) Benzo(a)anthracene	21.27	228	4232	0.046	ng	#	59
82) 3,3'-Dichlorobenzidine	21.21	252	118	0.003	ng	#	25
83) Chrysene	21.30	228	693	0.008	ng	#	50
84) Bis(2-ethylhexyl)phthalate	21.17	149	7228	0.124	ng	#	95
85) Di-n-octyl phthalate	22.02	149	526	0.005	ng	#	81
88) Benzo(b)fluoranthene	22.84	252	268	0.003	ng	#	1
89) Benzo(k)fluoranthene	22.89	252	115	0.001	ng	#	1
90) Benzo(a)pyrene	23.41	252	182	0.002	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031219\
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Misc :
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Instrument :
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ClientSampleId :
PR-MW-04_030819

Quant Time: Mar 13 03:55:48 2019
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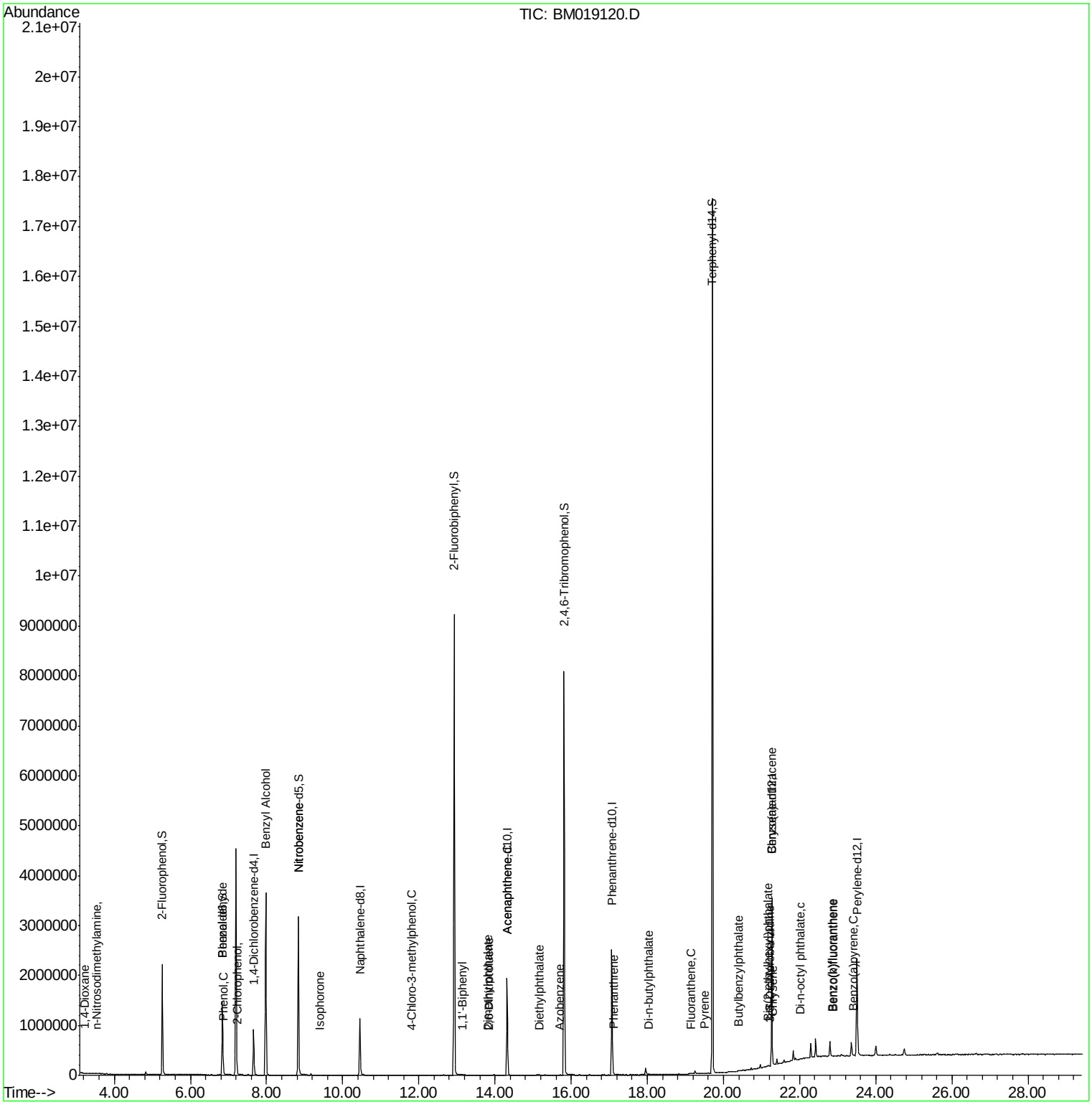
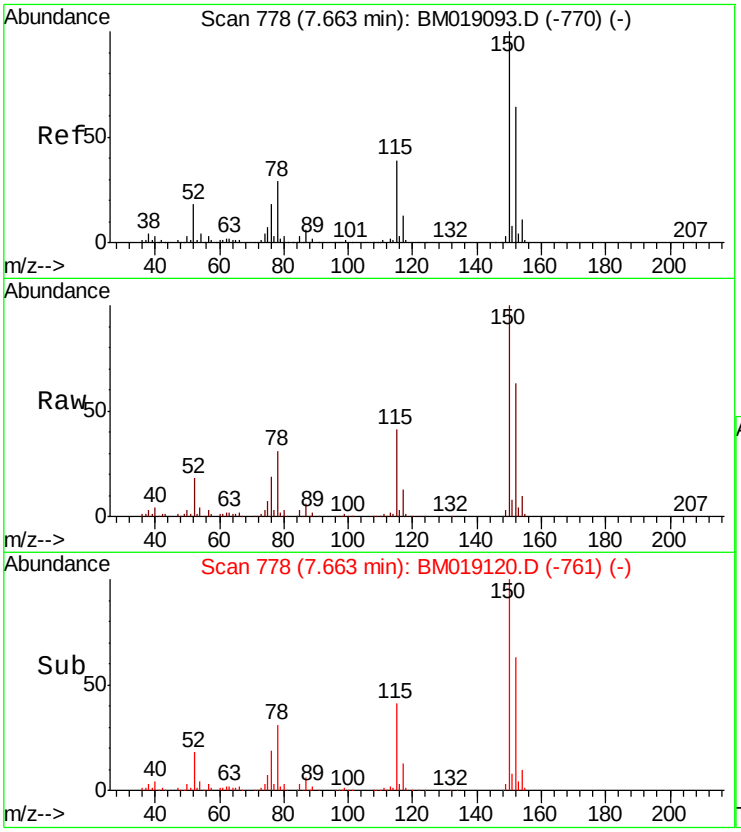
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 11 17:30:46 2019
Response via : Initial Calibration



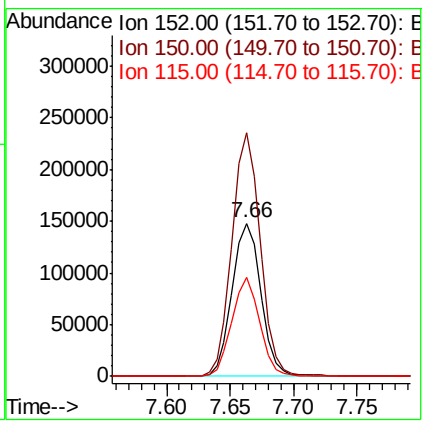


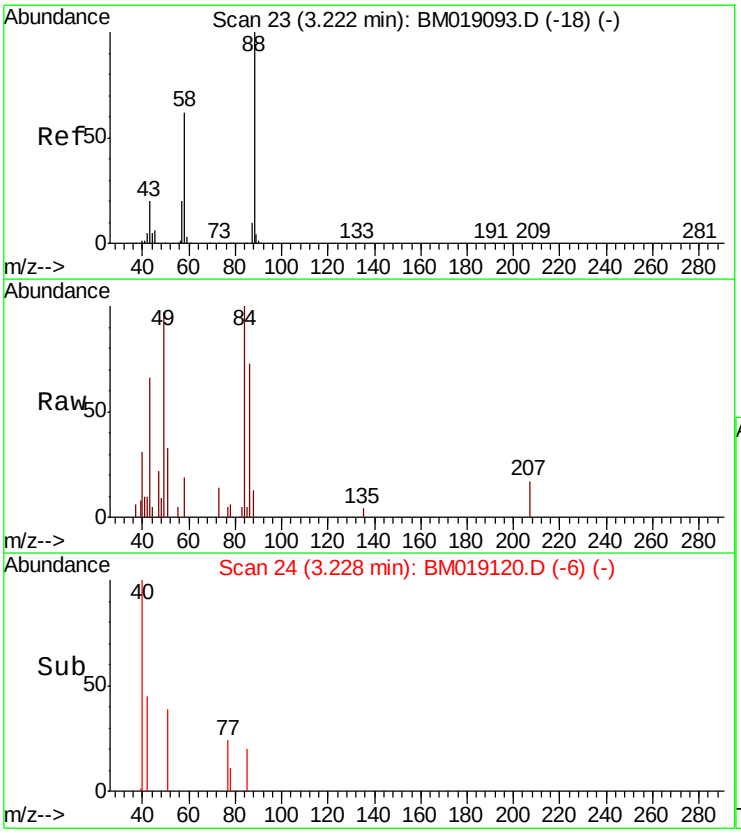
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 778
Delta R.T. -0.00 min
Lab File: BM019120.D
Acq: 12 Mar 2019 20:08

Instrument :
BNA_M
ClientSampleId :
PR-MW-04_030819

Tgt Ion:152 Resp: 233710

Ion	Ratio	Lower	Upper
152	100		
150	159.0	125.3	187.9
115	64.5	49.4	74.0

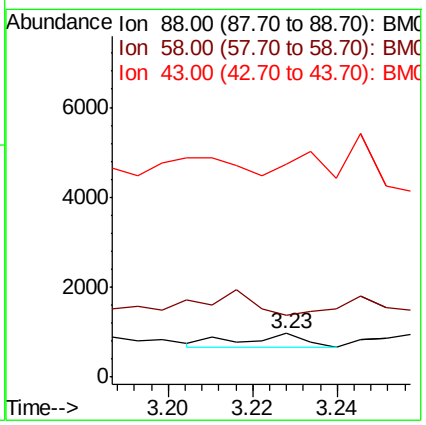


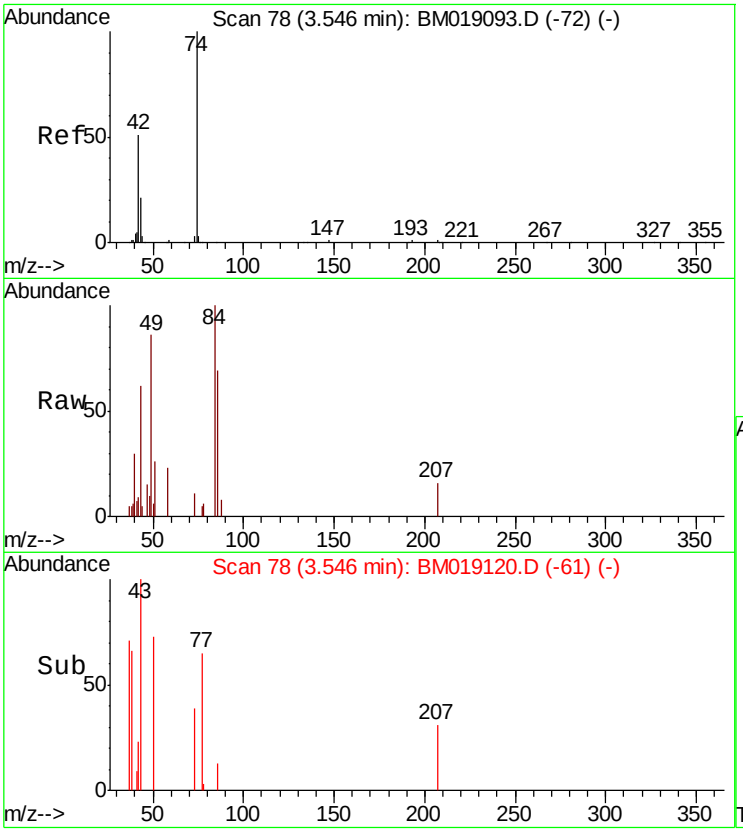


#2
1,4-Dioxane
Concen: 0.050 ng
RT: 3.23 min Scan# 24
Delta R.T. 0.01 min
Lab File: BM019120.D
Acq: 12 Mar 2019 20:08

Tgt Ion: 88 Resp: 319

Ion	Ratio	Lower	Upper
88	100		
58	136.7	50.0	75.0#
43	0.0	17.0	25.4#



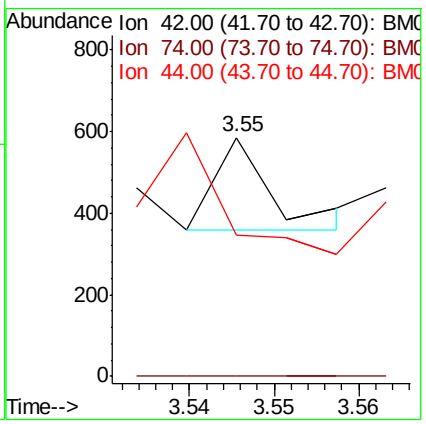


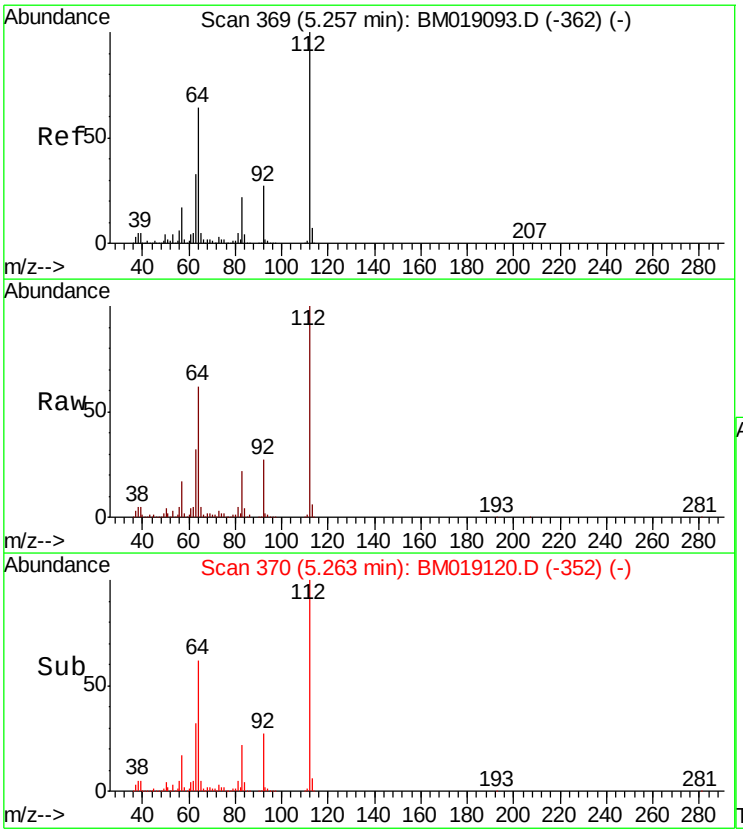
#4
n-Nitrosodimethylamine
Concen: 0.020 ng
RT: 3.55 min Scan# 78
Delta R.T. -0.00 min
Lab File: BM019120.D
Acq: 12 Mar 2019 20:08

Instrument :
BNA_M
ClientSampleId :
PR-MW-04_030819

Tgt Ion: 42 Resp: 108

Ion	Ratio	Lower	Upper
42	100		
74	0.0	156.3	234.5#
44	59.2	4.6	7.0#

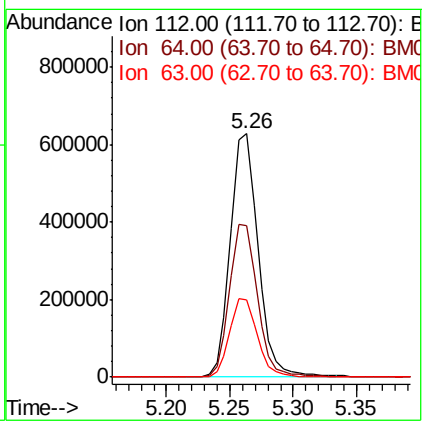


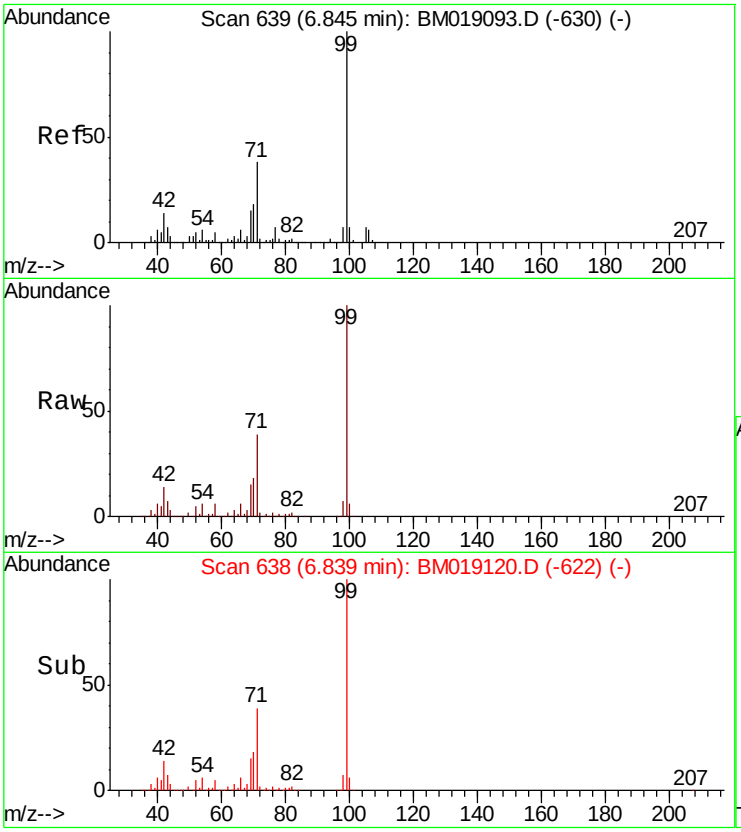


#5
2-Fluorophenol
Concen: 65.848 ng
RT: 5.26 min Scan# 370
Delta R.T. 0.01 min
Lab File: BM019120.D
Acq: 12 Mar 2019 20:08

Tgt Ion:112 Resp: 950267

Ion	Ratio	Lower	Upper
112	100		
64	62.4	51.4	77.0
63	31.6	26.6	40.0



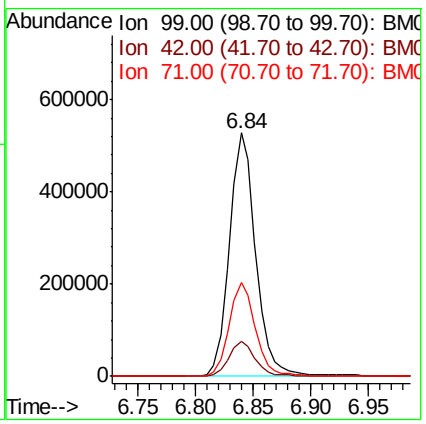


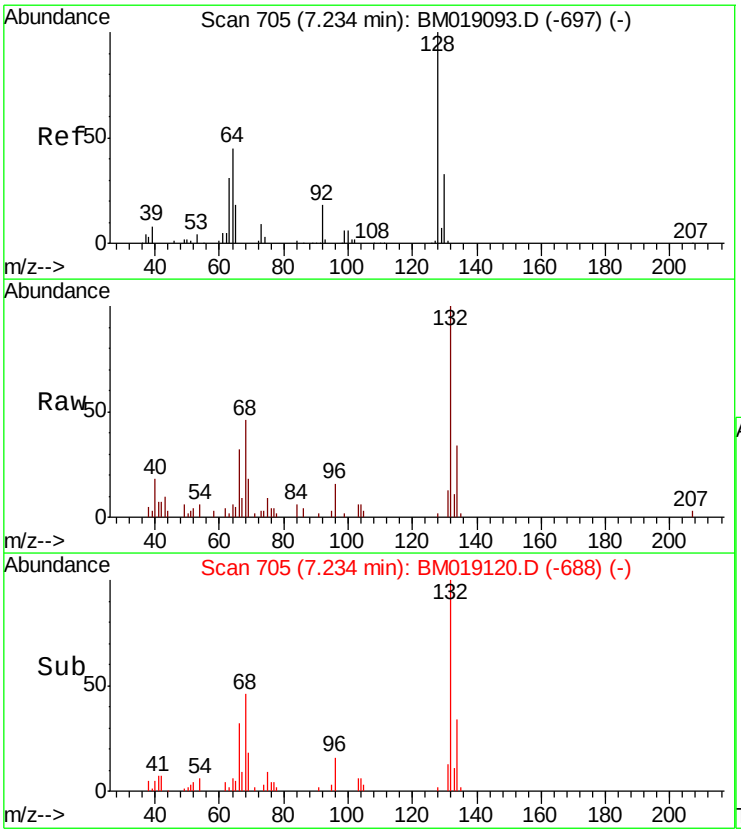
#7
Phenol-d6
Concen: 39.443 ng
RT: 6.84 min Scan# 638
Delta R.T. -0.01 min
Lab File: BM019120.D
Acq: 12 Mar 2019 20:08

Instrument :
BNA_M
ClientSampleId :
PR-MW-04_030819

Tgt Ion: 99 Resp: 832585

Ion	Ratio	Lower	Upper
99	100		
42	14.4	10.9	16.3
71	38.8	30.3	45.5

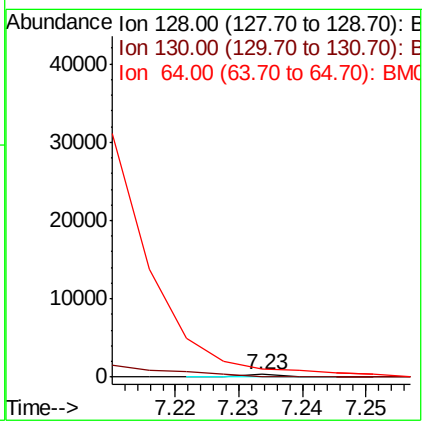


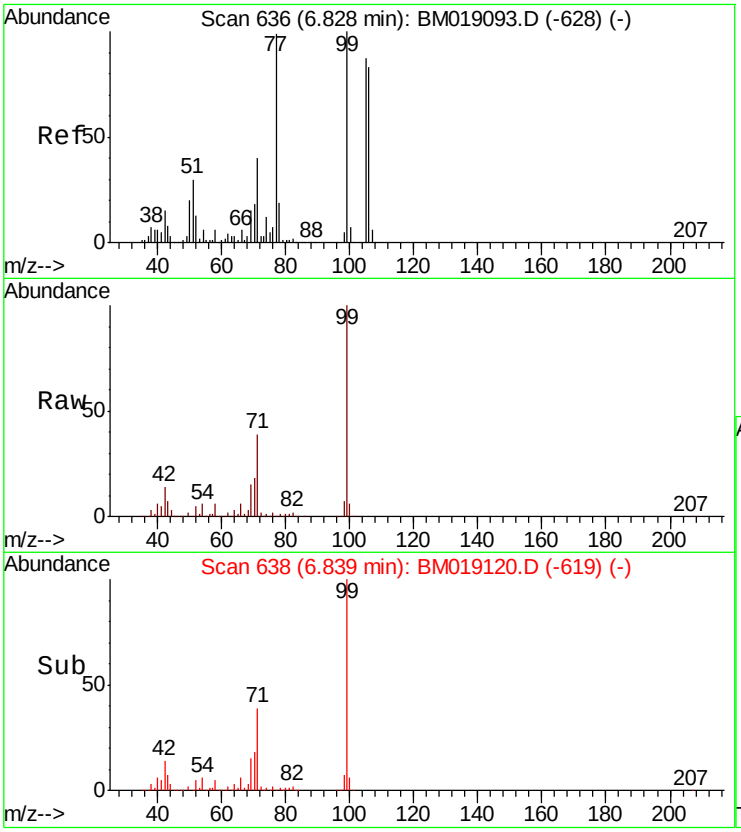


#8
2-Chlorophenol
Concen: 0.006 ng
RT: 7.23 min Scan# 705
Delta R.T. -0.00 min
Lab File: BM019120.D
Acq: 12 Mar 2019 20:08

Tgt Ion:128 Resp: 109

Ion	Ratio	Lower	Upper
128	100		
130	0.0	12.8	52.8#
64	329.8	30.8	70.8#



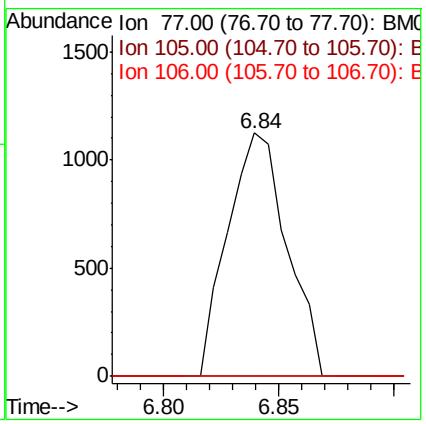


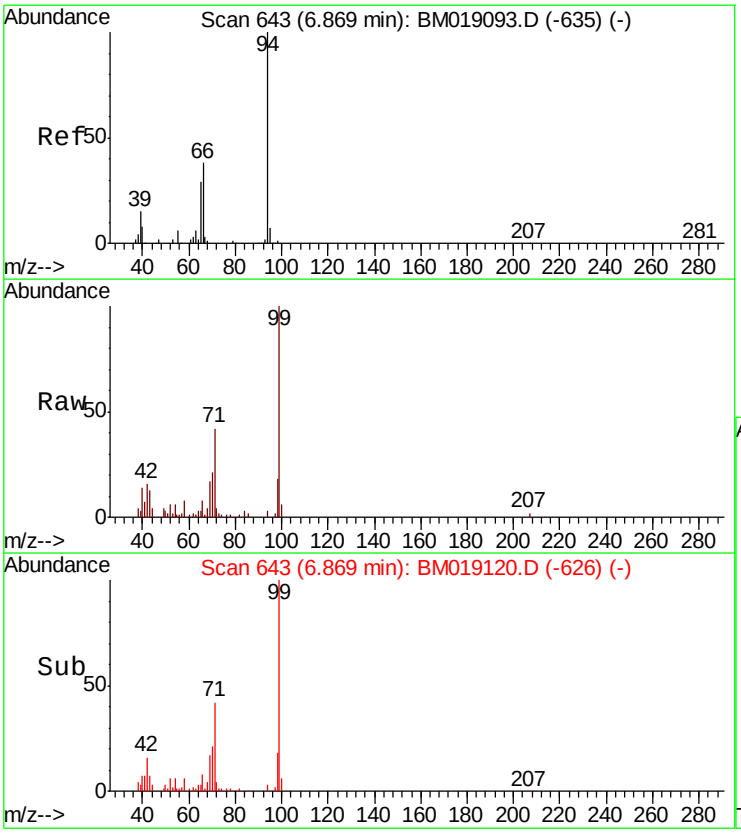
#9
Benzaldehyde
Concen: 0.151 ng
RT: 6.84 min Scan# 638
Delta R.T. 0.01 min
Lab File: BM019120.D
Acq: 12 Mar 2019 20:08

Instrument :
BNA_M
ClientSampleId :
PR-MW-04_030819

Tgt Ion: 77 Resp: 2011

Ion	Ratio	Lower	Upper
77	100		
105	0.0	67.7	107.7#
106	0.0	64.1	104.1#

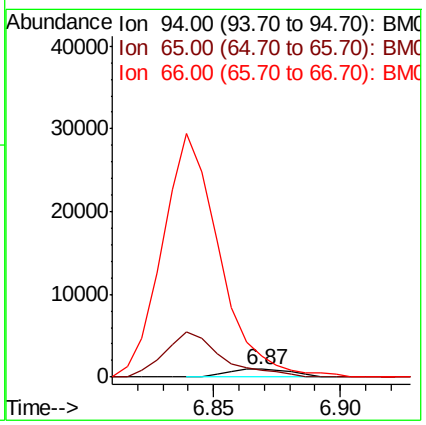


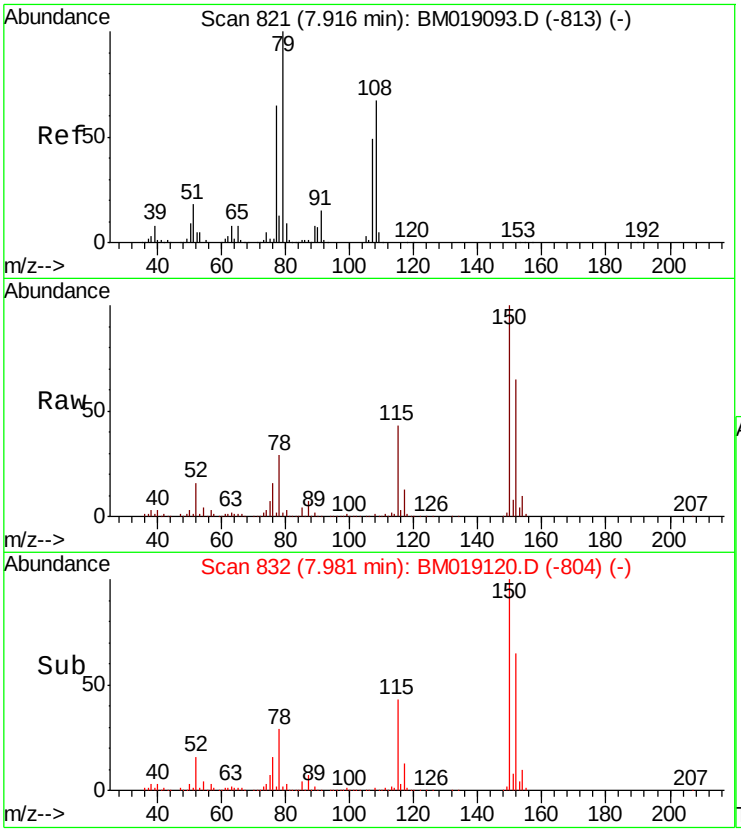


#10
Phenol
Concen: 0.072 ng
RT: 6.87 min Scan# 643
Delta R.T. -0.00 min
Lab File: BM019120.D
Acq: 12 Mar 2019 20:08

Tgt Ion: 94 Resp: 1646

Ion	Ratio	Lower	Upper
94	100		
65	89.2	9.7	49.7#
66	269.6	19.2	59.2#



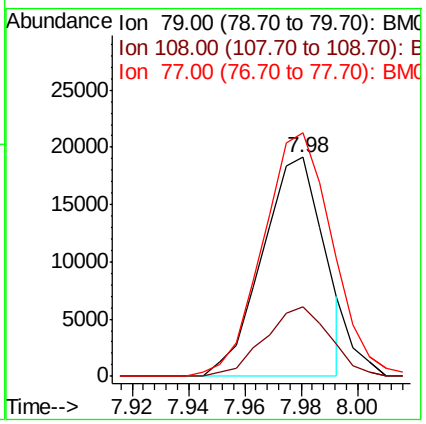


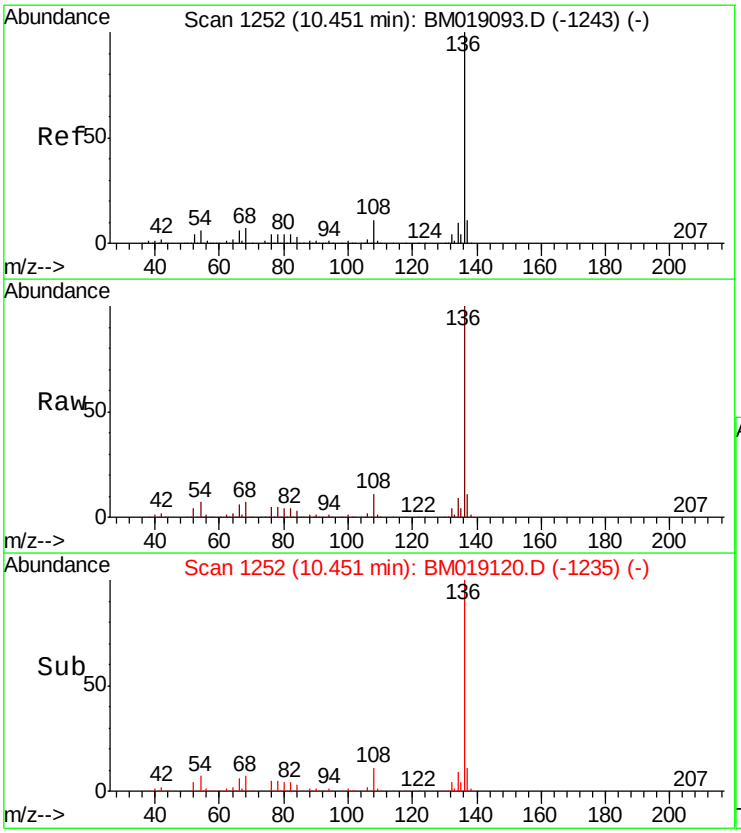
#15
Benzyl Alcohol
Concen: 1.666 ng
RT: 7.98 min Scan# 832
Delta R.T. 0.06 min
Lab File: BM019120.D
Acq: 12 Mar 2019 20:08

Instrument :
BNA_M
ClientSampleId :
PR-MW-04_030819

Tgt Ion: 79 Resp: 29099

Ion	Ratio	Lower	Upper
79	100		
108	31.6	53.7	80.5#
77	111.1	51.8	77.8#

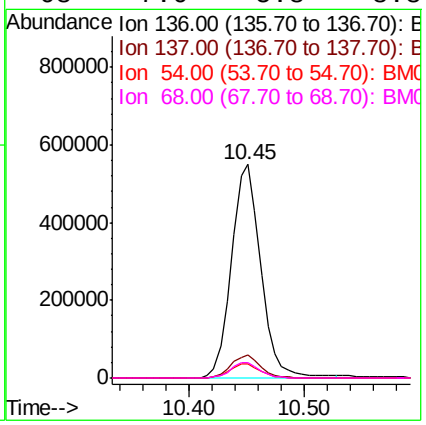


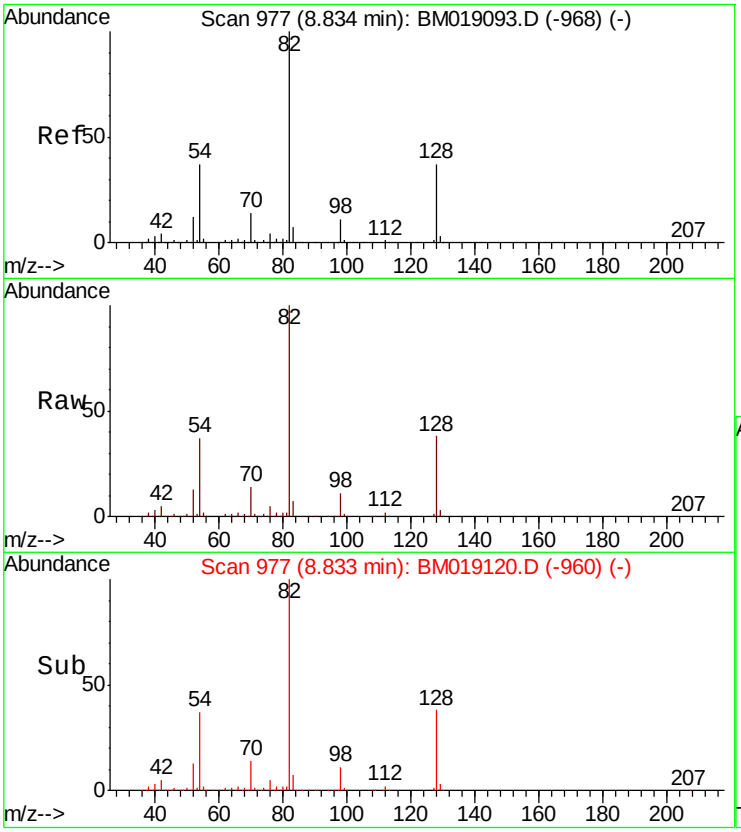


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.45 min Scan# 1252
Delta R.T. -0.00 min
Lab File: BM019120.D
Acq: 12 Mar 2019 20:08

Tgt Ion:136 Resp: 967769

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	6.8	5.2	7.8
68	7.0	5.8	8.8



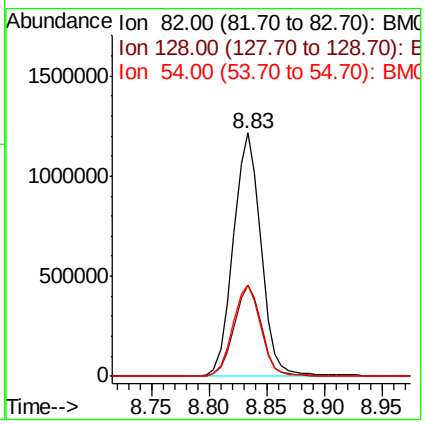


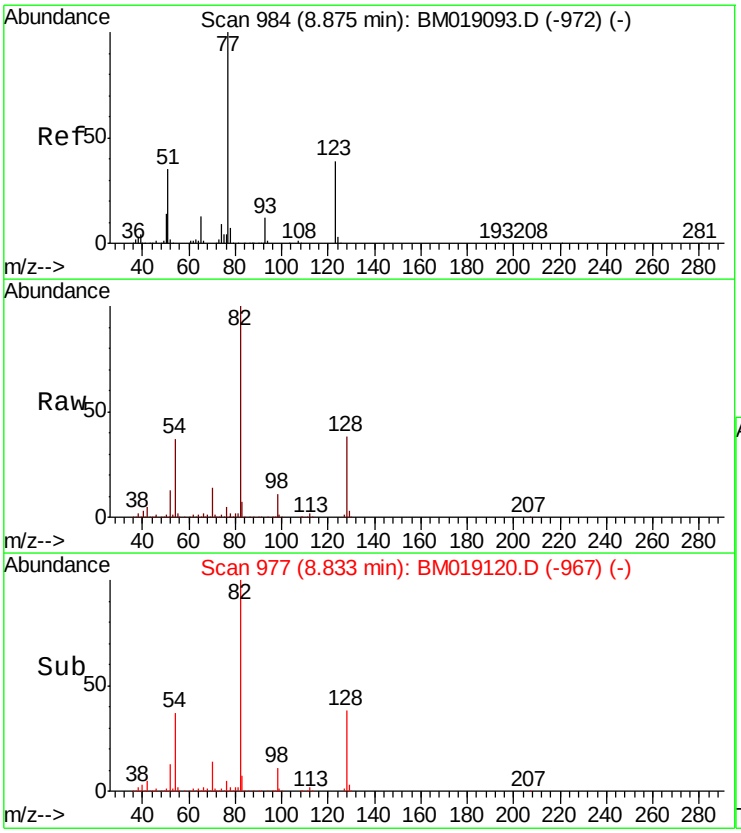
#23
Nitrobenzene-d5
Concen: 98.889 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BM019120.D
Acq: 12 Mar 2019 20:08

Instrument :
BNA_M
ClientSampleId :
PR-MW-04_030819

Tgt Ion: 82 Resp: 2024562

Ion	Ratio	Lower	Upper
82	100		
128	37.6	29.4	44.2
54	37.3	29.9	44.9

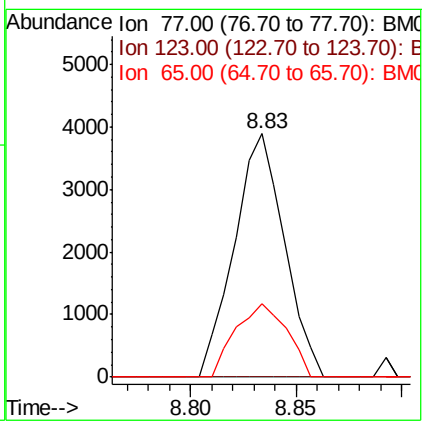


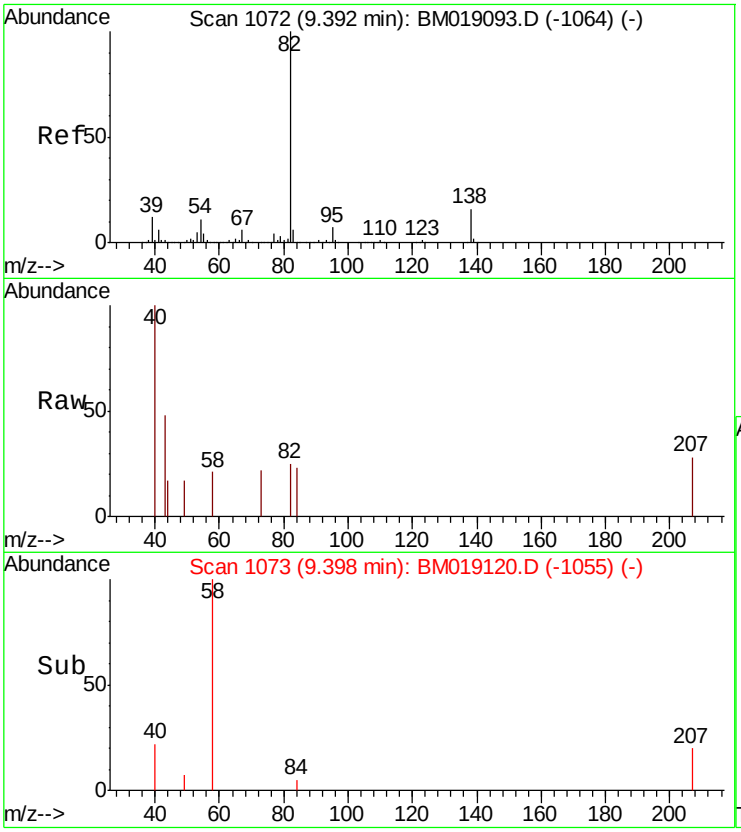


#24
Nitrobenzene
Concen: 0.301 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.04 min
Lab File: BM019120.D
Acq: 12 Mar 2019 20:08

Tgt Ion: 77 Resp: 6406

Ion	Ratio	Lower	Upper
77	100		
123	0.0	31.3	46.9#
65	30.3	10.5	15.7#



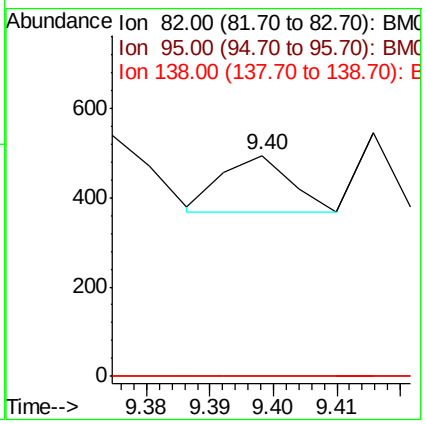


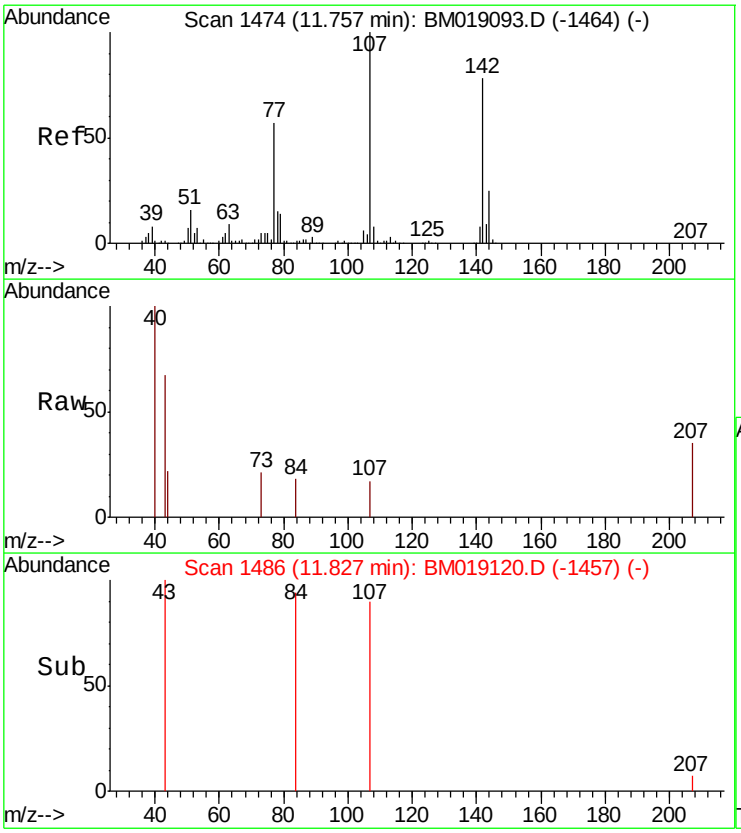
#25
Isophorone
Concen: 0.002 ng
RT: 9.40 min Scan# 1073
Delta R.T. 0.01 min
Lab File: BM019120.D
Acq: 12 Mar 2019 20:08

Instrument :
BNA_M
ClientSampleId :
PR-MW-04_030819

Tgt Ion: 82 Resp: 93

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	12.6	18.8#

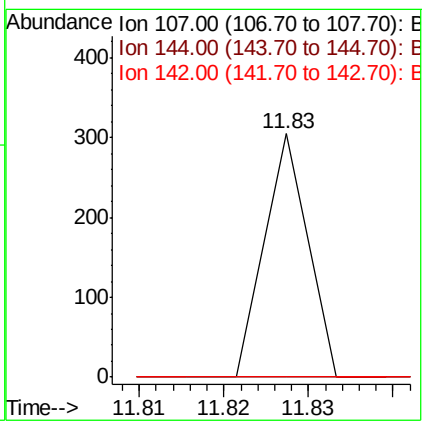


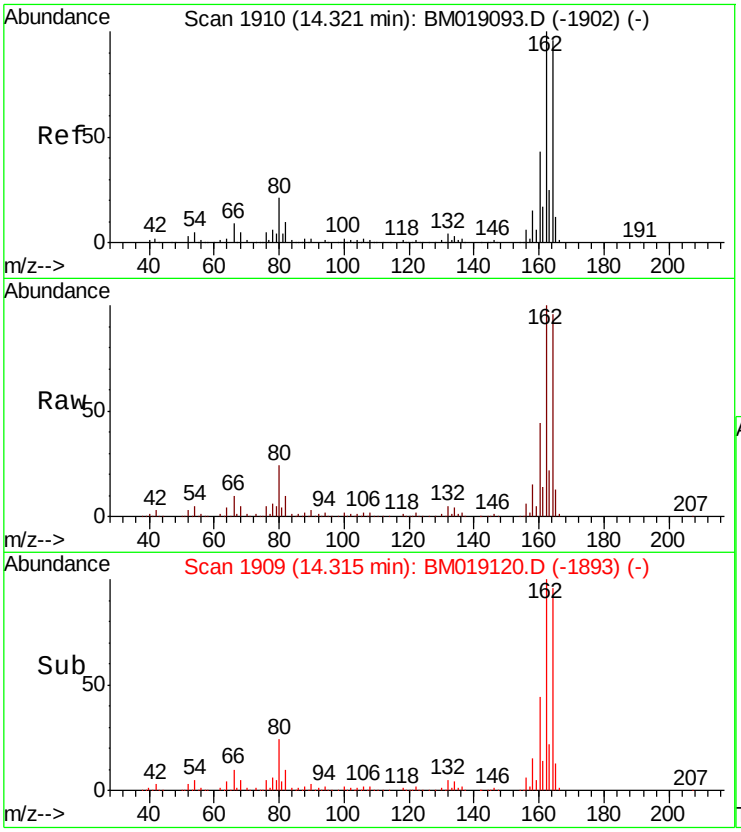


#36
4-Chloro-3-methylphenol
Concen: 0.006 ng
RT: 11.83 min Scan# 1486
Delta R.T. 0.07 min
Lab File: BM019120.D
Acq: 12 Mar 2019 20:08

Tgt Ion:107 Resp: 108

Ion	Ratio	Lower	Upper
107	100		
144	0.0	20.2	30.4#
142	0.0	62.4	93.6#



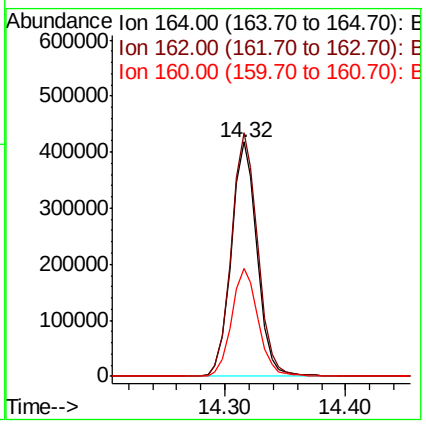


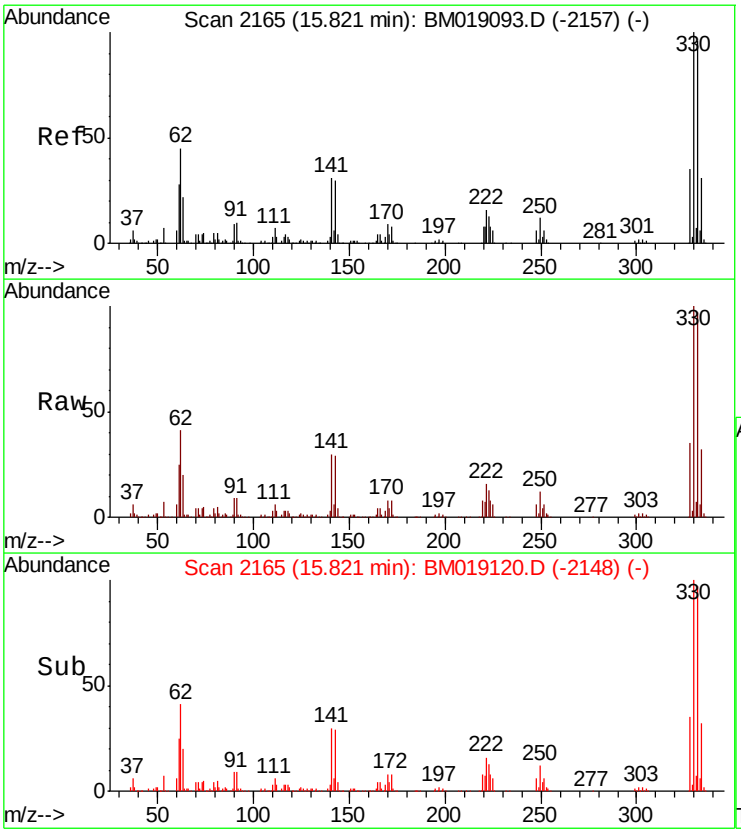
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1909
Delta R.T. -0.01 min
Lab File: BM019120.D
Acq: 12 Mar 2019 20:08

Instrument :
BNA_M
ClientSampleId :
PR-MW-04_030819

Tgt Ion:164 Resp: 623740

Ion	Ratio	Lower	Upper
164	100		
162	103.9	83.5	125.3
160	45.9	36.3	54.5

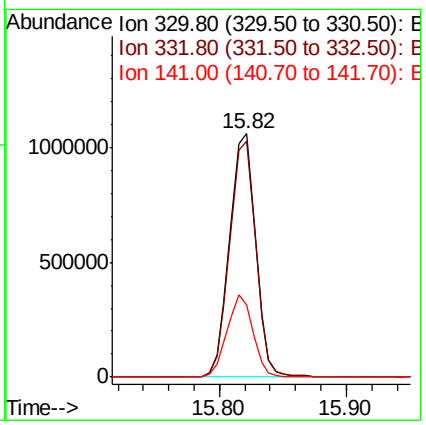


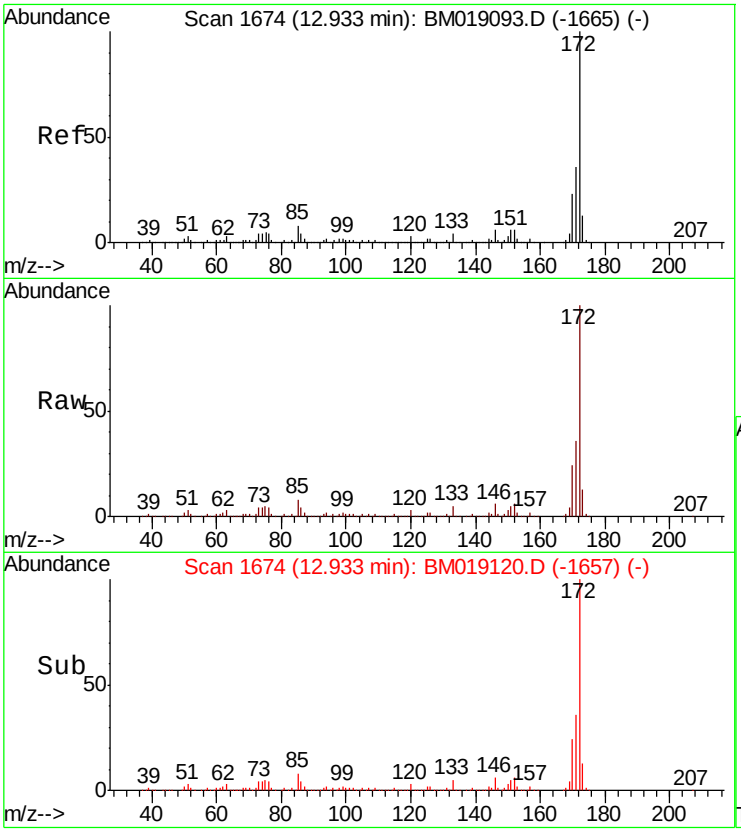


#42
2,4,6-Tribromophenol
Concen: 164.735 ng
RT: 15.82 min Scan# 2165
Delta R.T. -0.00 min
Lab File: BM019120.D
Acq: 12 Mar 2019 20:08

Tgt Ion:330 Resp: 1517091

Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.8	115.2
141	33.5	27.0	40.4



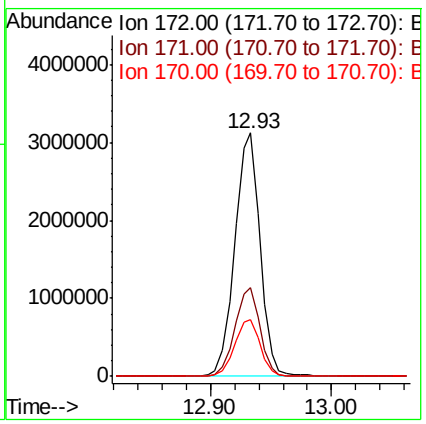


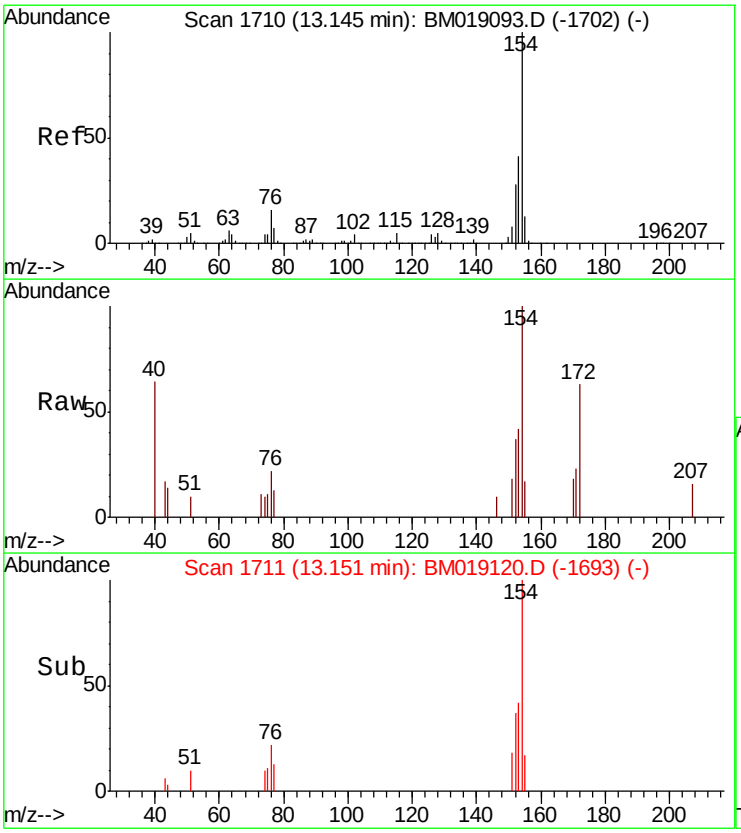
#45
2-Fluorobiphenyl
Concen: 94.923 ng
RT: 12.93 min Scan# 1674
Delta R.T. -0.00 min
Lab File: BM019120.D
Acq: 12 Mar 2019 20:08

Instrument :
BNA_M
ClientSampleId :
PR-MW-04_030819

Tgt Ion:172 Resp: 4551732

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.6	42.8
170	23.6	18.6	28.0

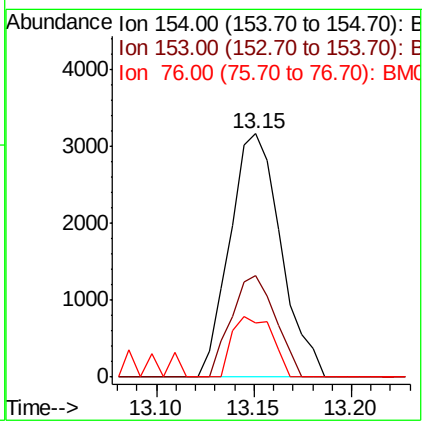


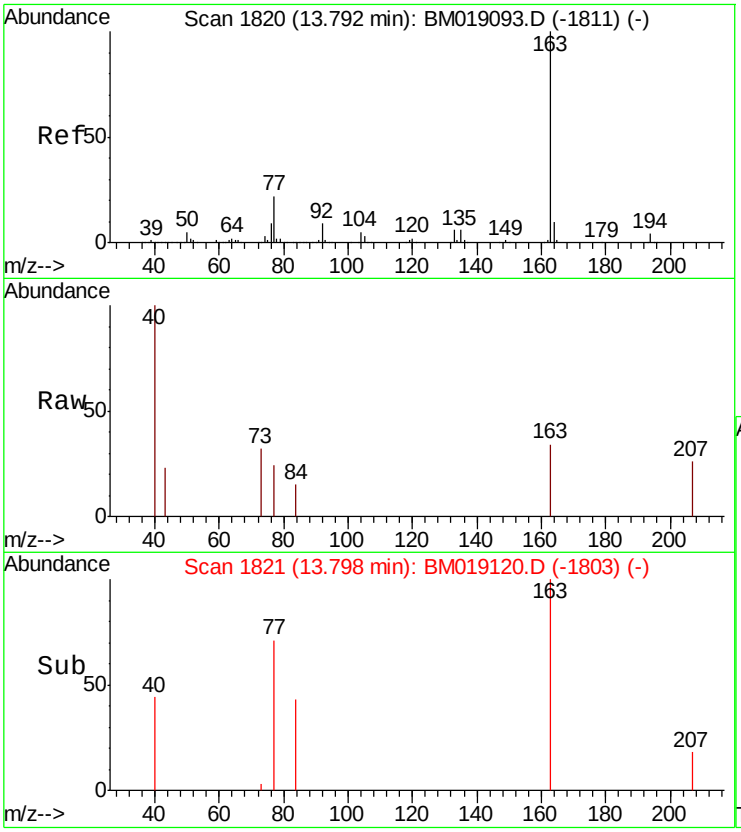


#46
1,1'-Biphenyl
Concen: 0.105 ng
RT: 13.15 min Scan# 1711
Delta R.T. 0.01 min
Lab File: BM019120.D
Acq: 12 Mar 2019 20:08

Tgt Ion:154 Resp: 5719

Ion	Ratio	Lower	Upper
154	100		
153	41.5	21.5	61.5
76	22.3	0.0	35.8



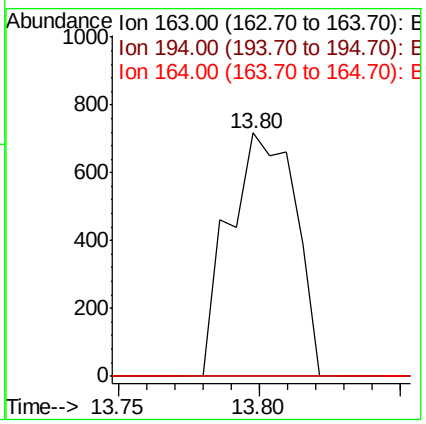


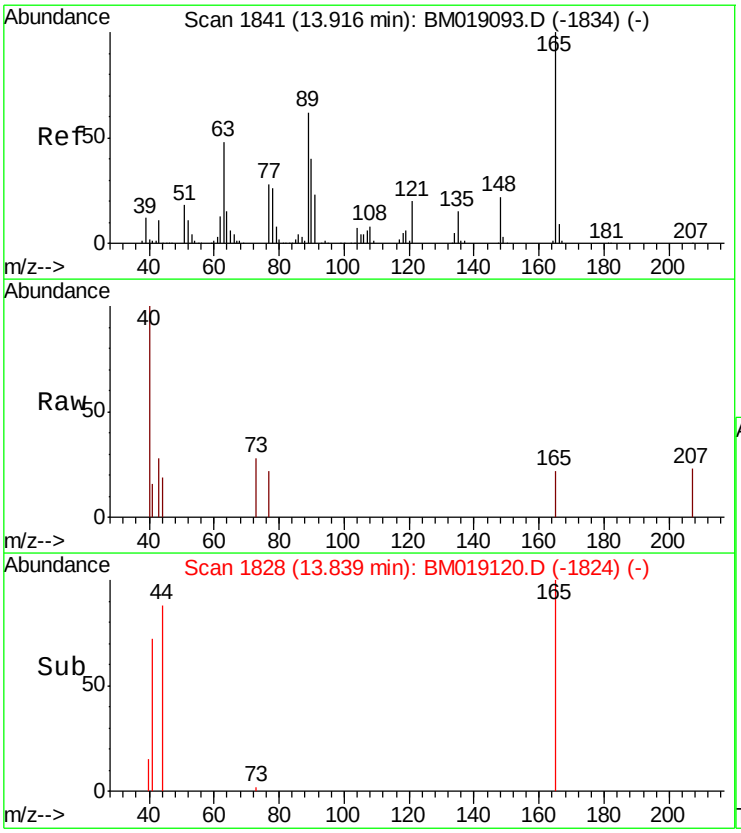
#50
Dimethylphthalate
Concen: 0.022 ng
RT: 13.80 min Scan# 1821
Delta R.T. 0.01 min
Lab File: BM019120.D
Acq: 12 Mar 2019 20:08

Instrument :
BNA_M
ClientSampleId :
PR-MW-04_030819

Tgt Ion:163 Resp: 1172

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.3	4.9#
164	0.0	7.7	11.5#

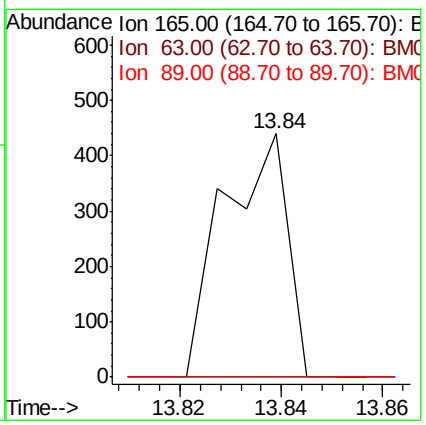


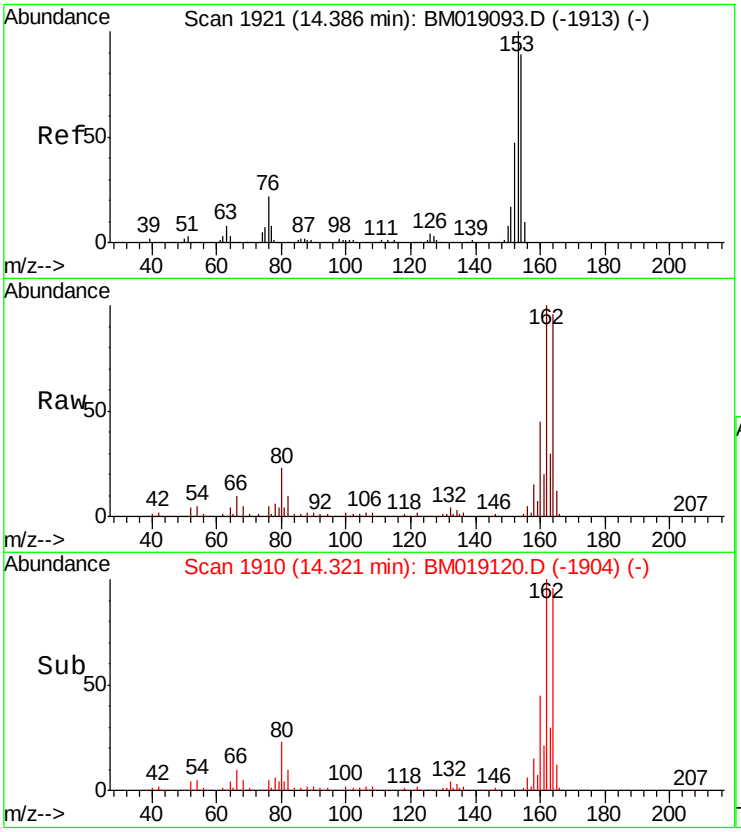


#51
2,6-Dinitrotoluene
Concen: 0.033 ng
RT: 13.84 min Scan# 1828
Delta R.T. -0.08 min
Lab File: BM019120.D
Acq: 12 Mar 2019 20:08

Tgt Ion:165 Resp: 382

Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.2	72.4#
89	0.0	49.3	73.9#



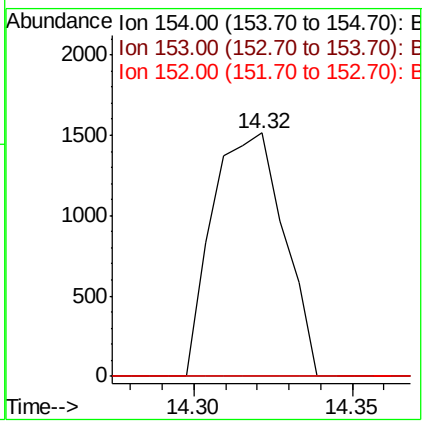


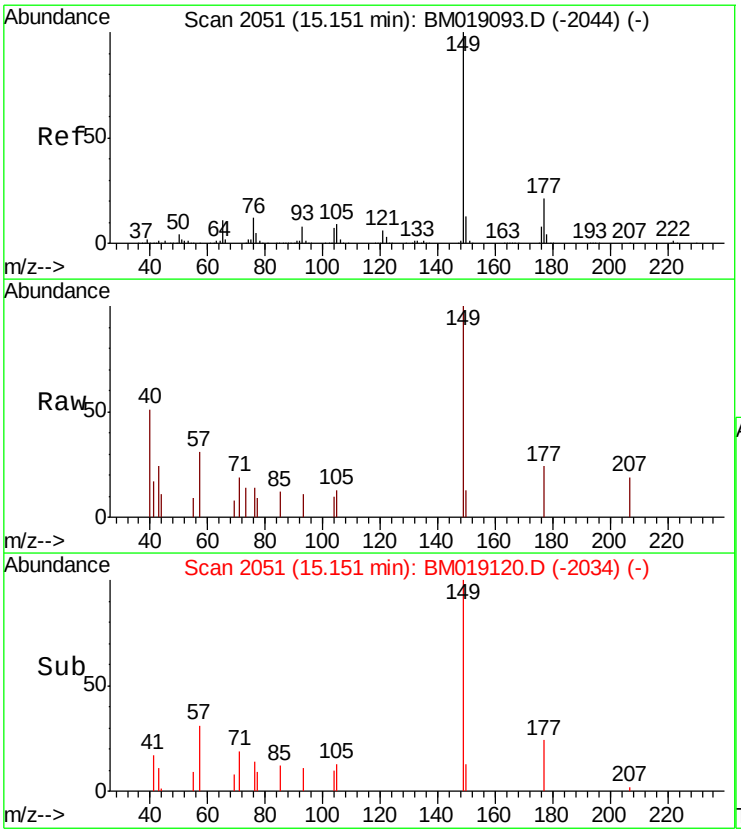
#52
Acenaphthene
Concen: 0.060 ng
RT: 14.32 min Scan# 1910
Delta R.T. -0.06 min
Lab File: BM019120.D
Acq: 12 Mar 2019 20:08

Instrument :
BNA_M
ClientSampleId :
PR-MW-04_030819

Tgt Ion:154 Resp: 2367

Ion	Ratio	Lower	Upper
154	100		
153	0.0	90.1	135.1#
152	0.0	42.5	63.7#

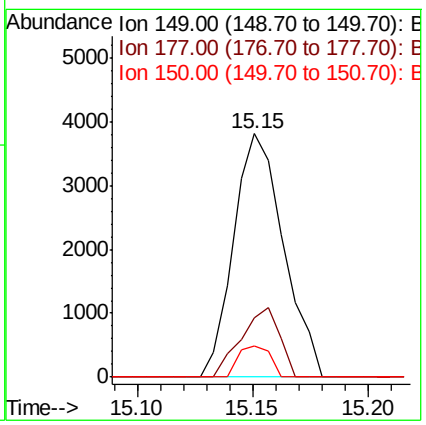


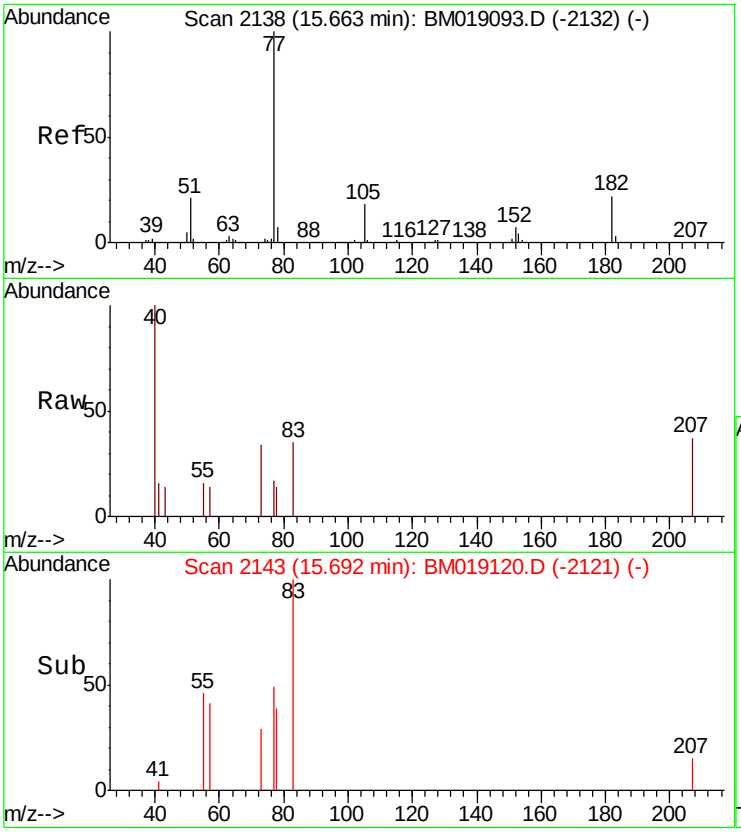


#60
Diethylphthalate
Concen: 0.106 ng
RT: 15.15 min Scan# 2051
Delta R.T. -0.00 min
Lab File: BM019120.D
Acq: 12 Mar 2019 20:08

Tgt Ion:149 Resp: 5742

Ion	Ratio	Lower	Upper
149	100		
177	24.3	17.0	25.6
150	13.0	10.2	15.4



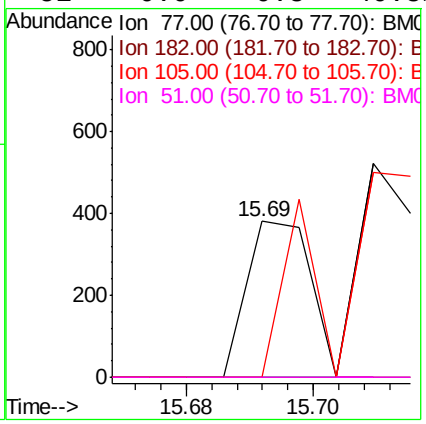


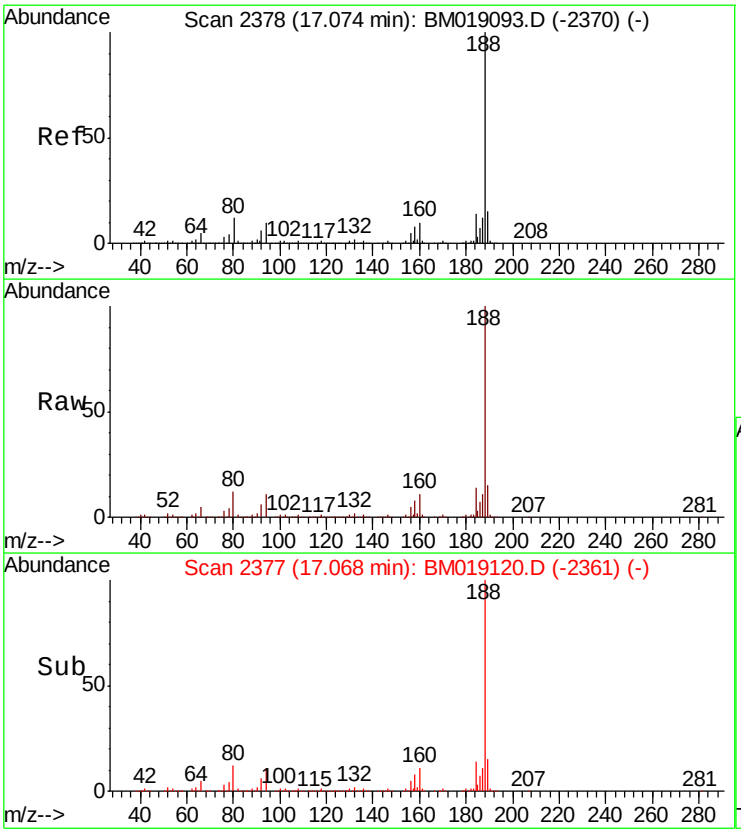
#63
Azobenzene
Concen: 0.005 ng
RT: 15.69 min Scan# 2143
Delta R.T. 0.03 min
Lab File: BM019120.D
Acq: 12 Mar 2019 20:08

Instrument :
BNA_M
ClientSampleId :
PR-MW-04_030819

Tgt Ion: 77 Resp: 264

Ion	Ratio	Lower	Upper
77	100		
182	0.0	1.8	41.8#
105	0.0	0.0	38.3
51	0.0	0.8	40.8#

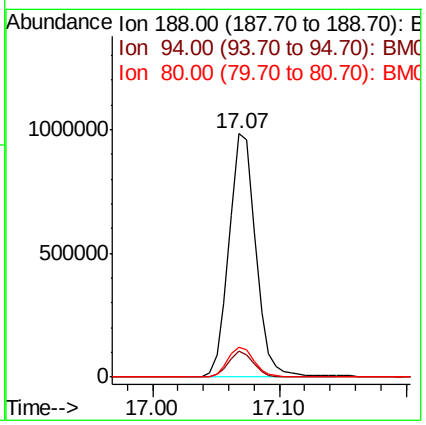


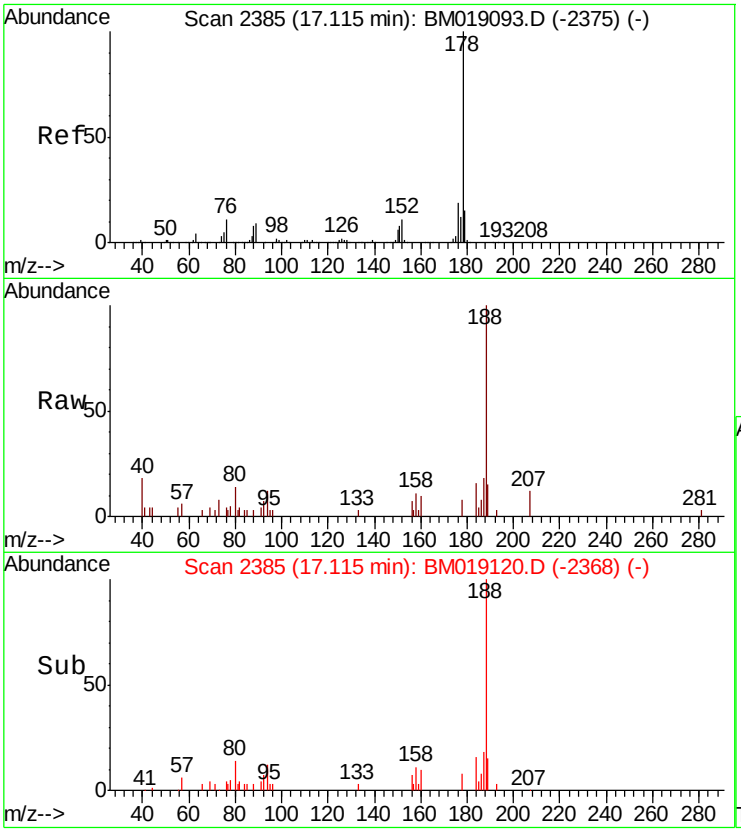


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2377
Delta R.T. -0.01 min
Lab File: BM019120.D
Acq: 12 Mar 2019 20:08

Tgt Ion:188 Resp: 1441173

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.1	12.1
80	12.3	9.7	14.5



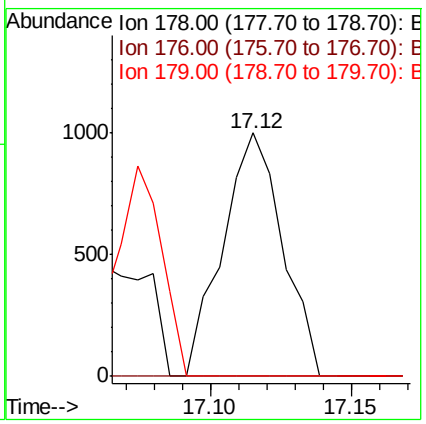


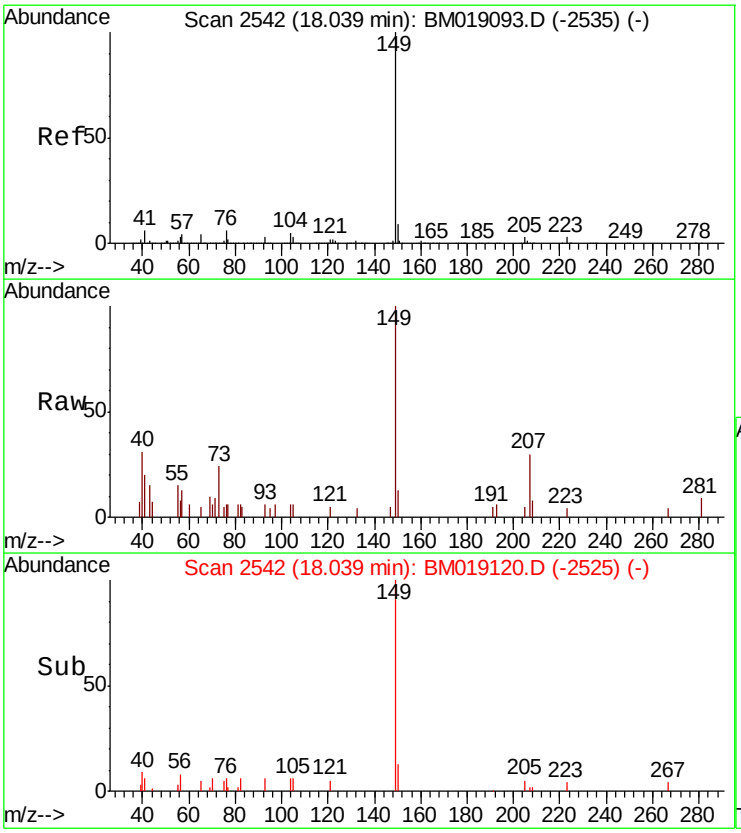
#71
Phenanthrene
Concen: 0.017 ng
RT: 17.12 min Scan# 2385
Delta R.T. -0.00 min
Lab File: BM019120.D
Acq: 12 Mar 2019 20:08

Instrument :
BNA_M
ClientSampleId :
PR-MW-04_030819

Tgt Ion:178 Resp: 1468

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.3	22.9#
179	0.0	12.2	18.2#

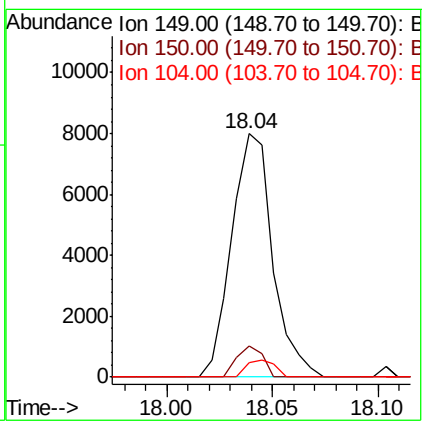


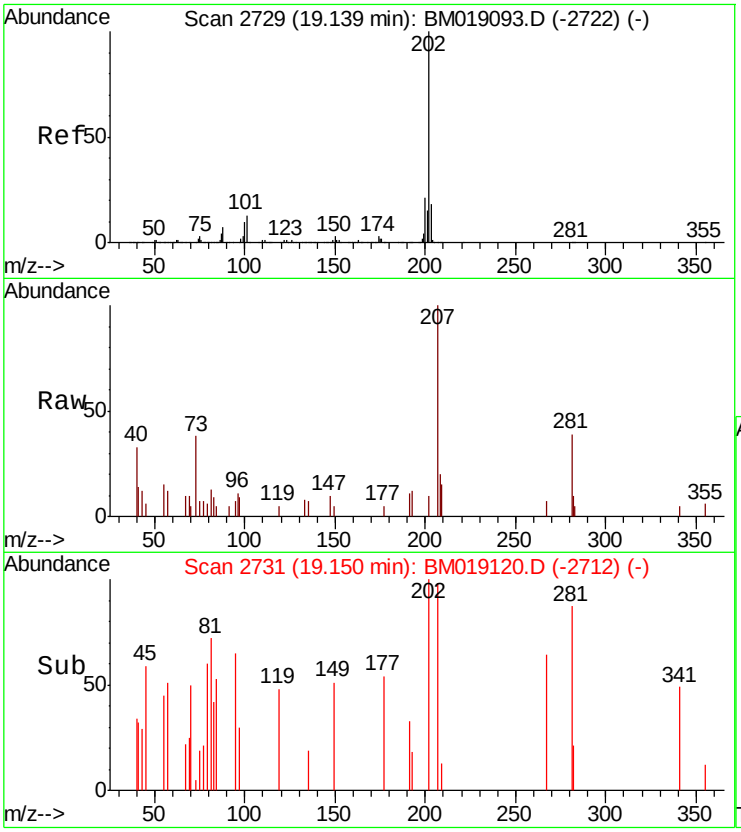


#74
Di-n-butylphthalate
Concen: 0.114 ng
RT: 18.04 min Scan# 2542
Delta R.T. -0.00 min
Lab File: BM019120.D
Acq: 12 Mar 2019 20:08

Tgt Ion:149 Resp: 10762

Ion	Ratio	Lower	Upper
149	100		
150	12.5	7.4	11.0#
104	6.0	4.2	6.4



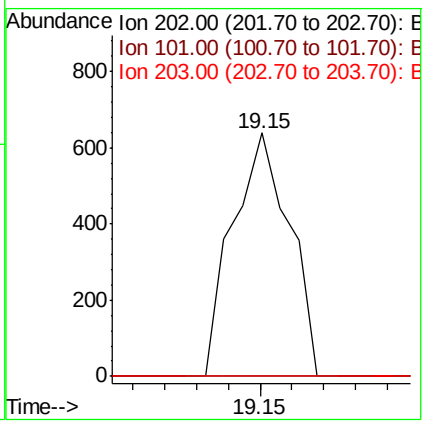


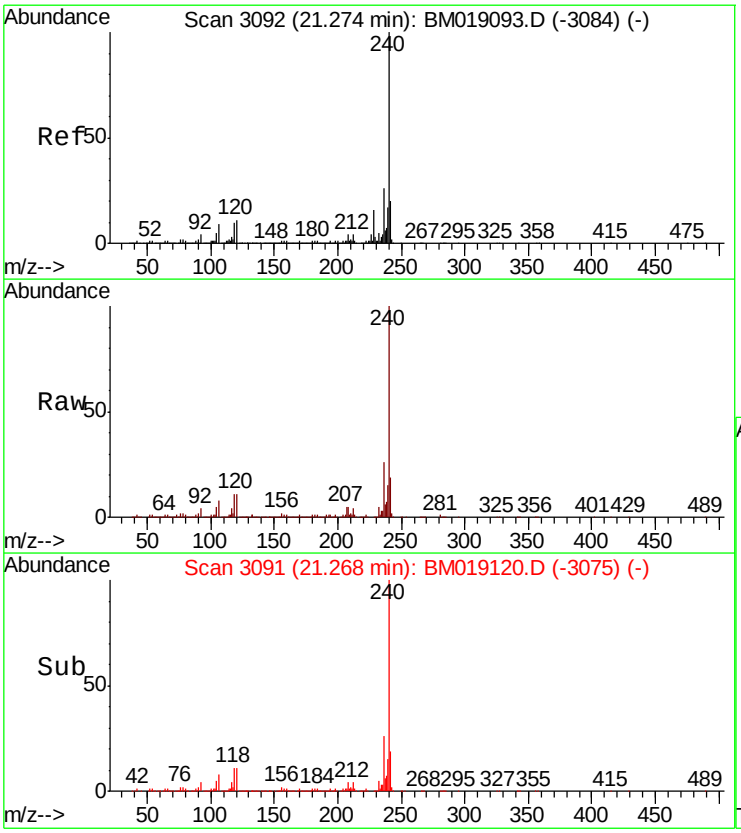
#75
Fluoranthene
Concen: 0.008 ng
RT: 19.15 min Scan# 2731
Delta R.T. 0.01 min
Lab File: BM019120.D
Acq: 12 Mar 2019 20:08

Instrument :
BNA_M
ClientSampleId :
PR-MW-04_030819

Tgt Ion:202 Resp: 794

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	33.0
203	0.0	0.0	37.8

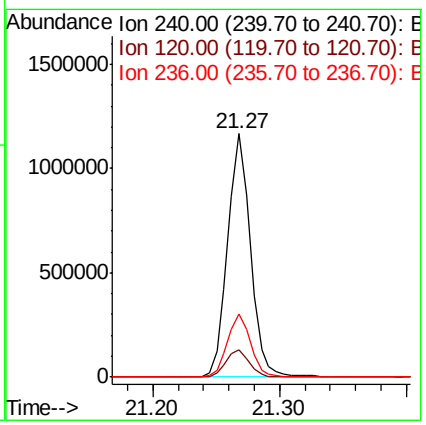


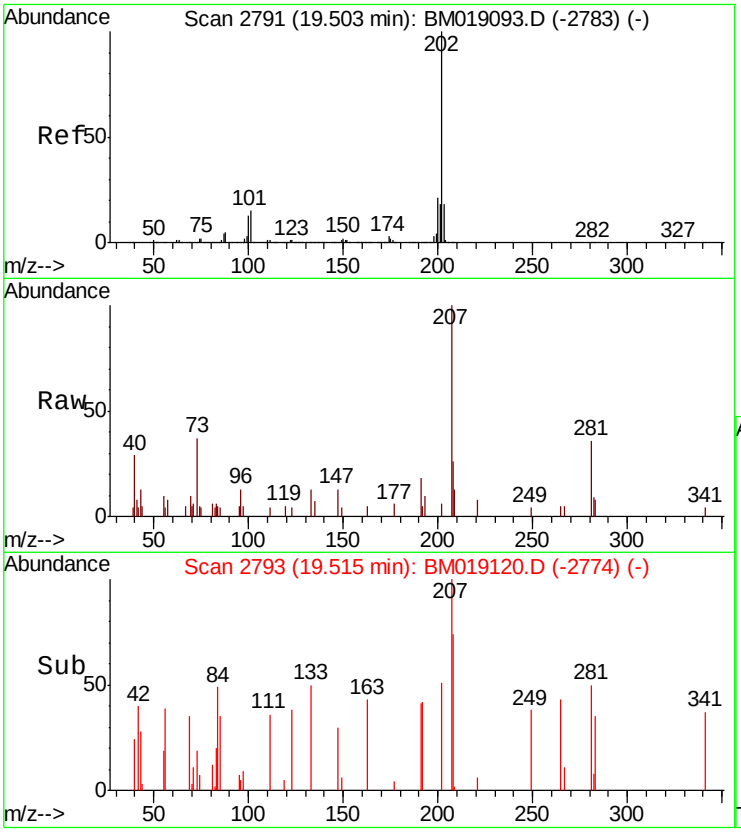


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.27 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BM019120.D
Acq: 12 Mar 2019 20:08

Tgt Ion:240 Resp: 1459069

Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.9	13.3
236	26.1	21.0	31.4



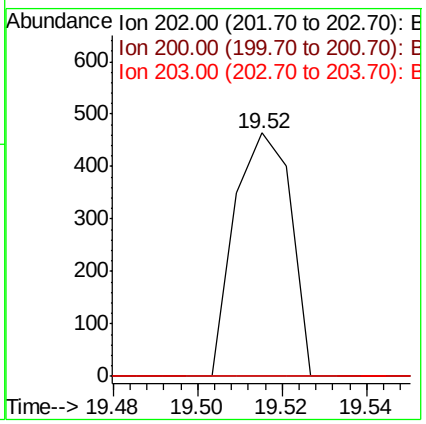


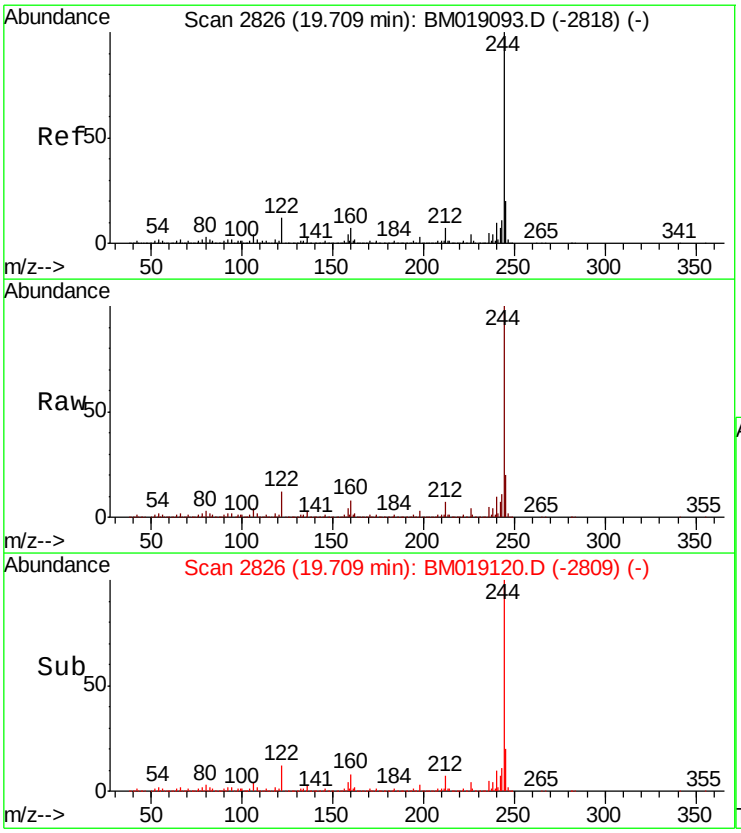
#78
Pyrene
Concen: 0.005 ng
RT: 19.52 min Scan# 2793
Delta R.T. 0.01 min
Lab File: BM019120.D
Acq: 12 Mar 2019 20:08

Instrument :
BNA_M
ClientSampleId :
PR-MW-04_030819

Tgt Ion:202 Resp: 429

Ion	Ratio	Lower	Upper
202	100		
200	0.0	16.9	25.3#
203	0.0	14.0	21.0#

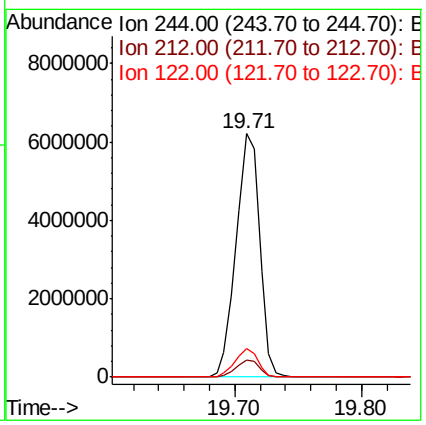


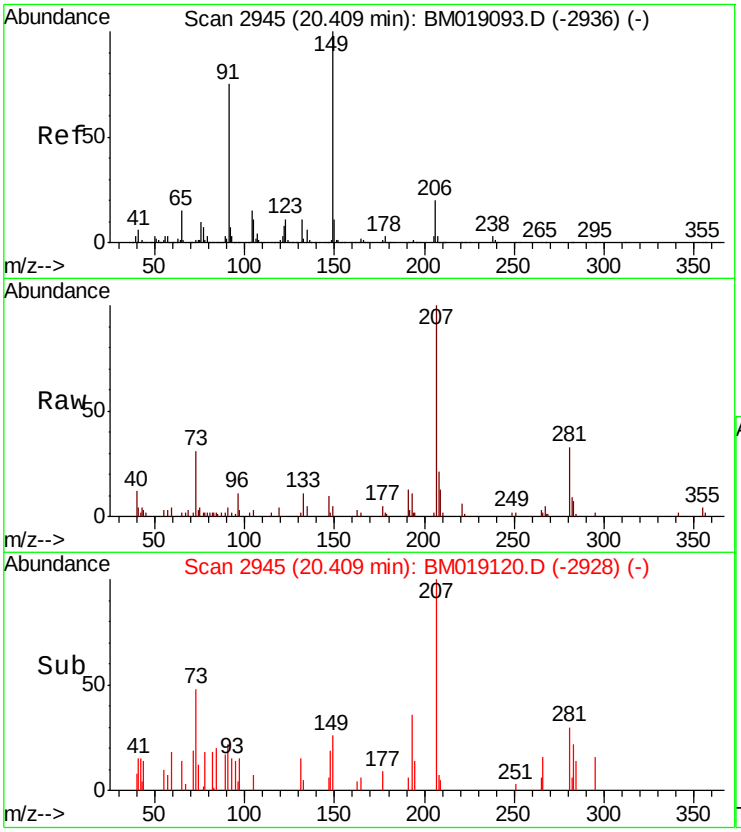


#79
Terphenyl-d14
Concen: 108.700 ng
RT: 19.71 min Scan# 2826
Delta R.T. -0.00 min
Lab File: BM019120.D
Acq: 12 Mar 2019 20:08

Tgt Ion:244 Resp: 7989073

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.2
122	11.9	9.4	14.2



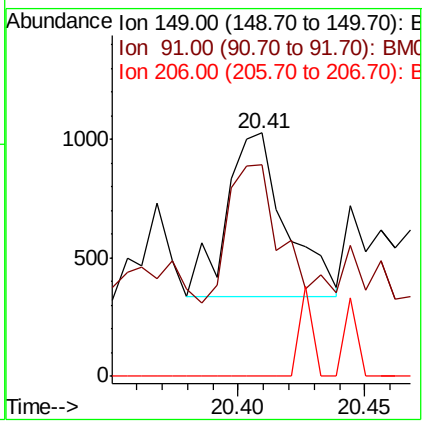


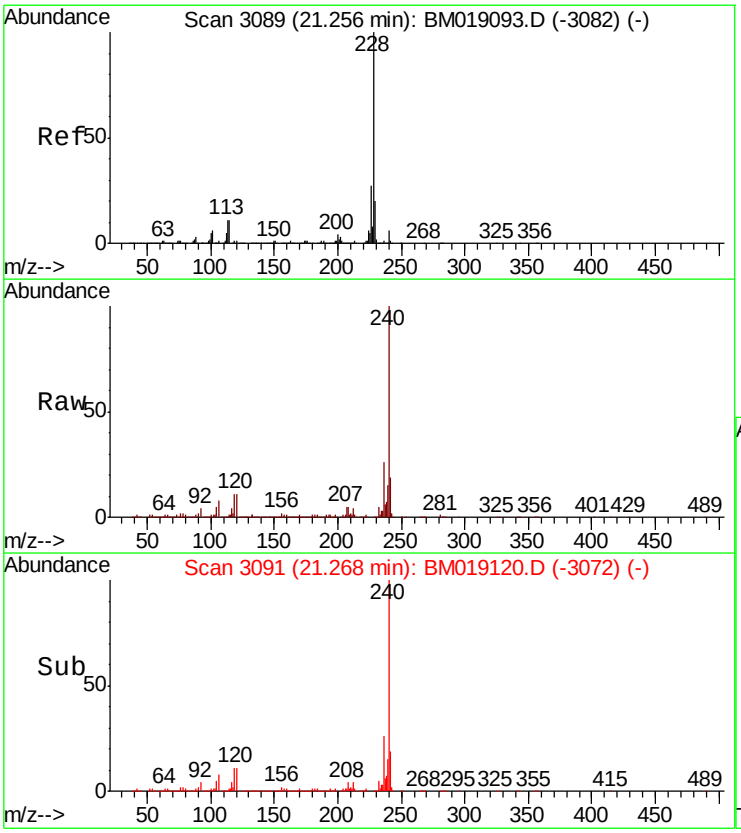
#80
Butylbenzylphthalate
Concen: 0.028 ng
RT: 20.41 min Scan# 2945
Delta R.T. -0.00 min
Lab File: BM019120.D
Acq: 12 Mar 2019 20:08

Instrument :
BNA_M
ClientSampleId :
PR-MW-04_030819

Tgt Ion:149 Resp: 1135

Ion	Ratio	Lower	Upper
149	100		
91	86.8	60.1	90.1
206	0.0	16.2	24.2#

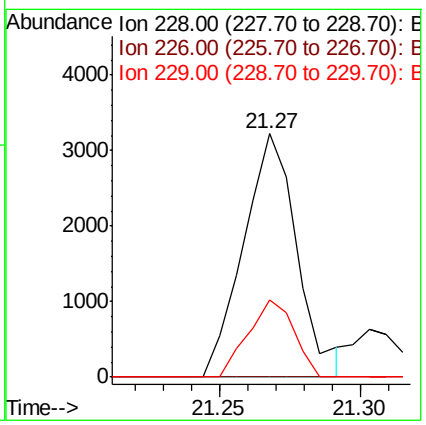


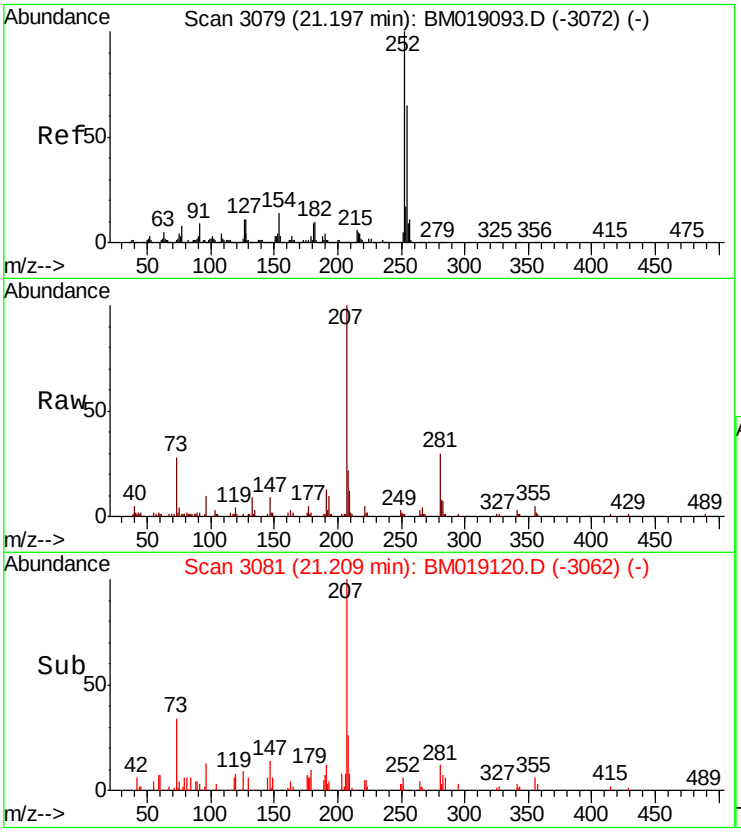


#81
Benzo(a)anthracene
Concen: 0.046 ng
RT: 21.27 min Scan# 3091
Delta R.T. 0.01 min
Lab File: BM019120.D
Acq: 12 Mar 2019 20:08

Tgt Ion:228 Resp: 4232

Ion	Ratio	Lower	Upper
228	100		
226	0.0	21.8	32.8#
229	31.6	15.8	23.6#



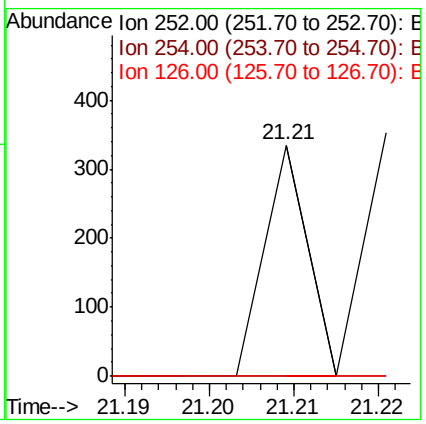


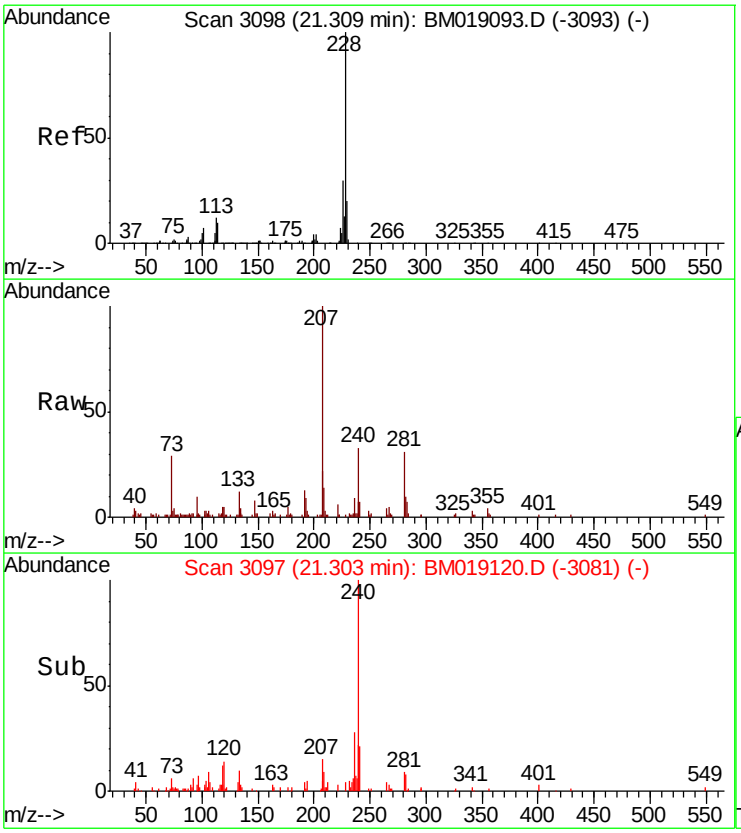
#82
3,3'-Dichlorobenzidine
Concen: 0.003 ng
RT: 21.21 min Scan# 3081
Delta R.T. 0.01 min
Lab File: BM019120.D
Acq: 12 Mar 2019 20:08

Instrument :
BNA_M
ClientSampleId :
PR-MW-04_030819

Tgt Ion:252 Resp: 118

Ion	Ratio	Lower	Upper
252	100		
254	0.0	52.4	78.6#
126	0.0	9.0	13.6#

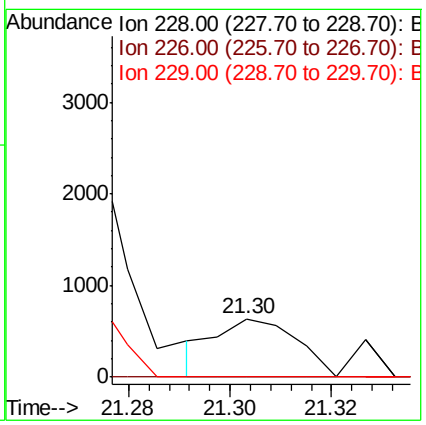


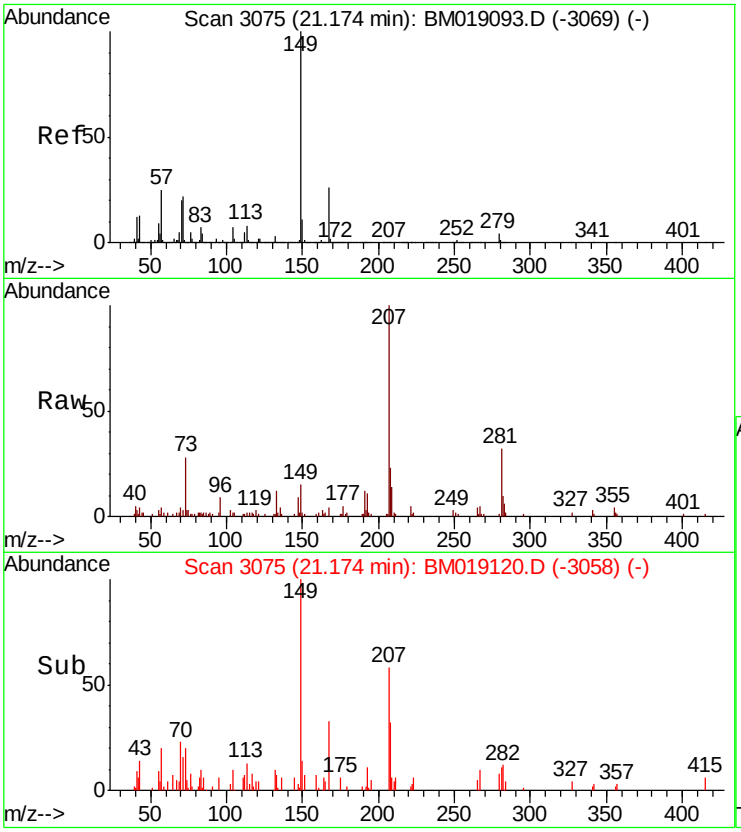


#83
Chrysene
Concen: 0.008 ng
RT: 21.30 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BM019120.D
Acq: 12 Mar 2019 20:08

Tgt Ion:228 Resp: 693

Ion	Ratio	Lower	Upper
228	100		
226	0.0	23.8	35.8#
229	0.0	15.7	23.5#



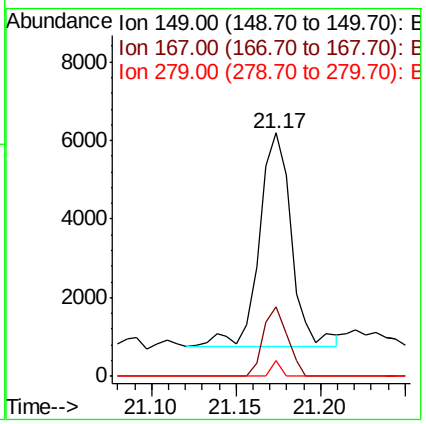


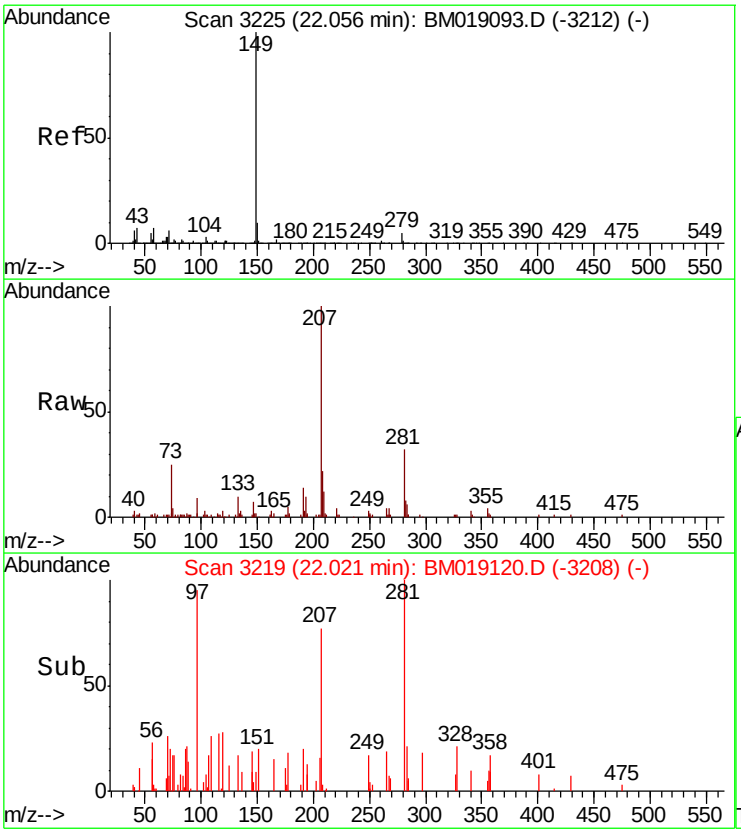
#84
Bis(2-ethylhexyl)phthalate
Concen: 0.124 ng
RT: 21.17 min Scan# 3075
Delta R.T. -0.00 min
Lab File: BM019120.D
Acq: 12 Mar 2019 20:08

Instrument :
BNA_M
ClientSampleId :
PR-MW-04_030819

Tgt Ion:149 Resp: 7228

Ion	Ratio	Lower	Upper
149	100		
167	28.6	21.1	31.7
279	6.6	3.2	4.8#

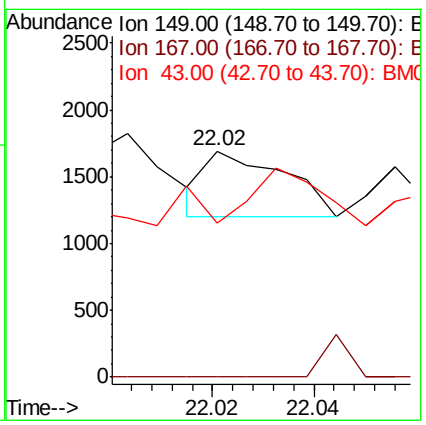


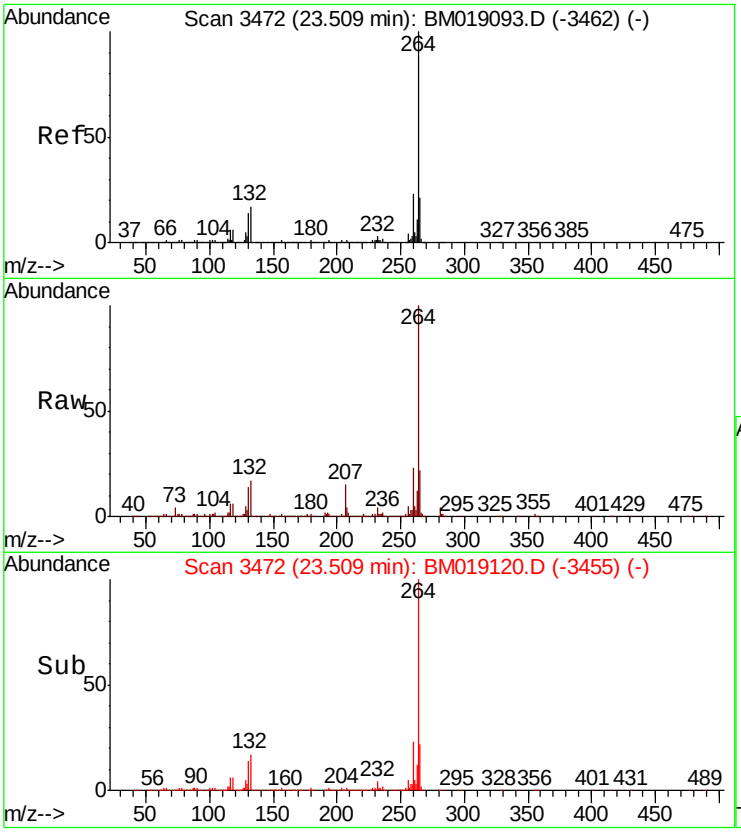


#85
Di-n-octyl phthalate
Concen: 0.005 ng
RT: 22.02 min Scan# 3219
Delta R.T. -0.04 min
Lab File: BM019120.D
Acq: 12 Mar 2019 20:08

Tgt Ion:149 Resp: 526

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.3	1.9#
43	0.0	6.1	9.1#



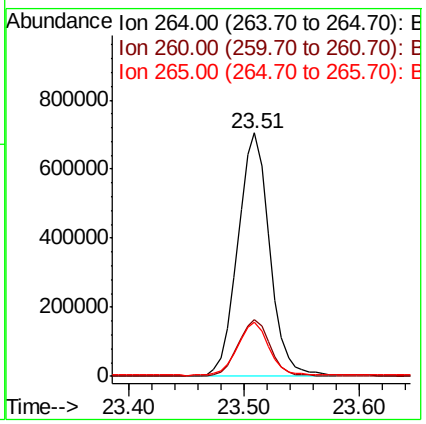


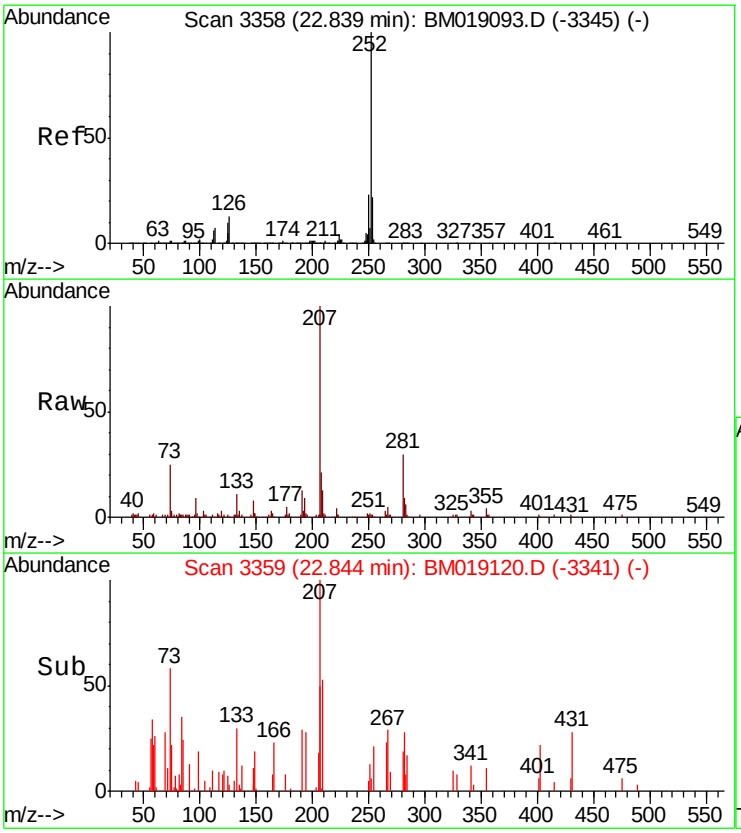
#87
Perylene-d12
Concen: 20.000 ng
RT: 23.51 min Scan# 3472
Delta R.T. -0.00 min
Lab File: BM019120.D
Acq: 12 Mar 2019 20:08

Instrument :
BNA_M
ClientSampleId :
PR-MW-04_030819

Tgt Ion:264 Resp: 1353904

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	28.0
265	22.0	17.3	25.9

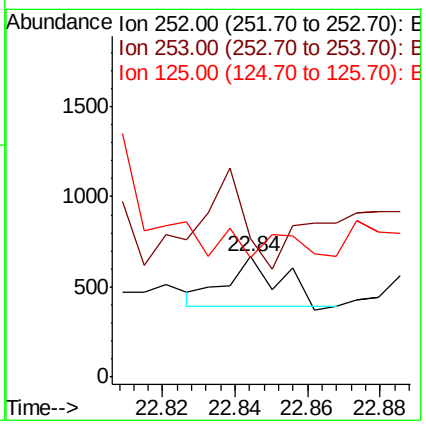


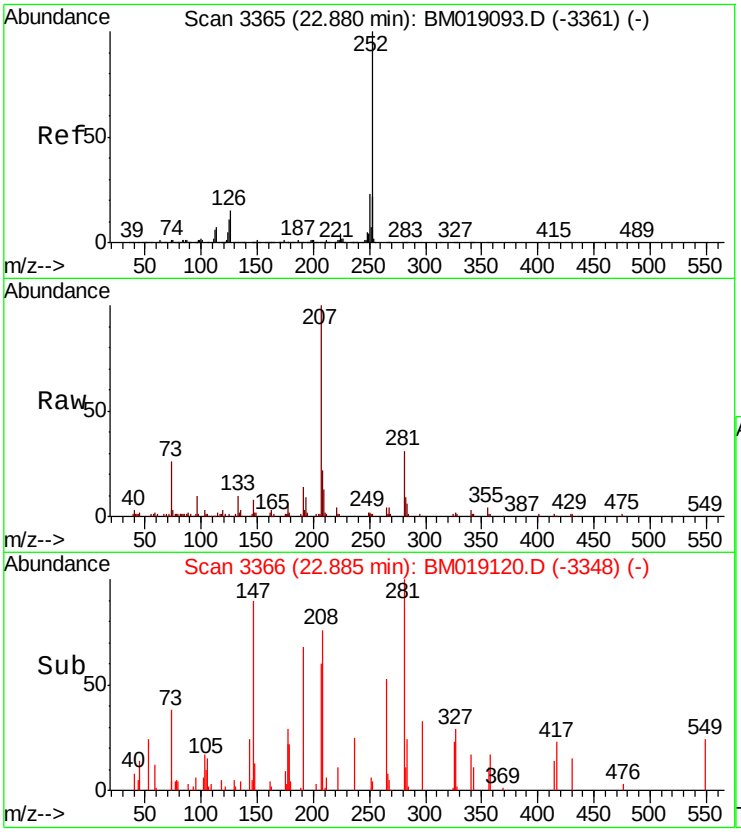


#88
Benzo(b)fluoranthene
Concen: 0.003 ng
RT: 22.84 min Scan# 3359
Delta R.T. 0.01 min
Lab File: BM019120.D
Acq: 12 Mar 2019 20:08

Tgt Ion:252 Resp: 268

Ion	Ratio	Lower	Upper
252	100		
253	115.1	17.6	26.4#
125	98.7	8.1	12.1#



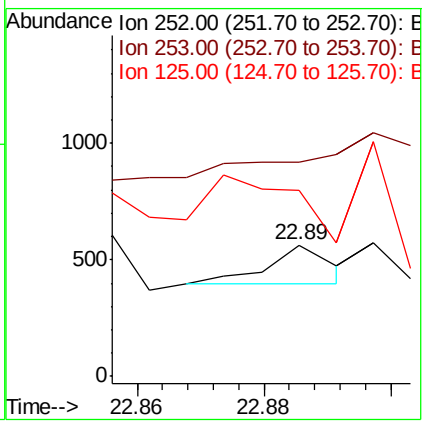


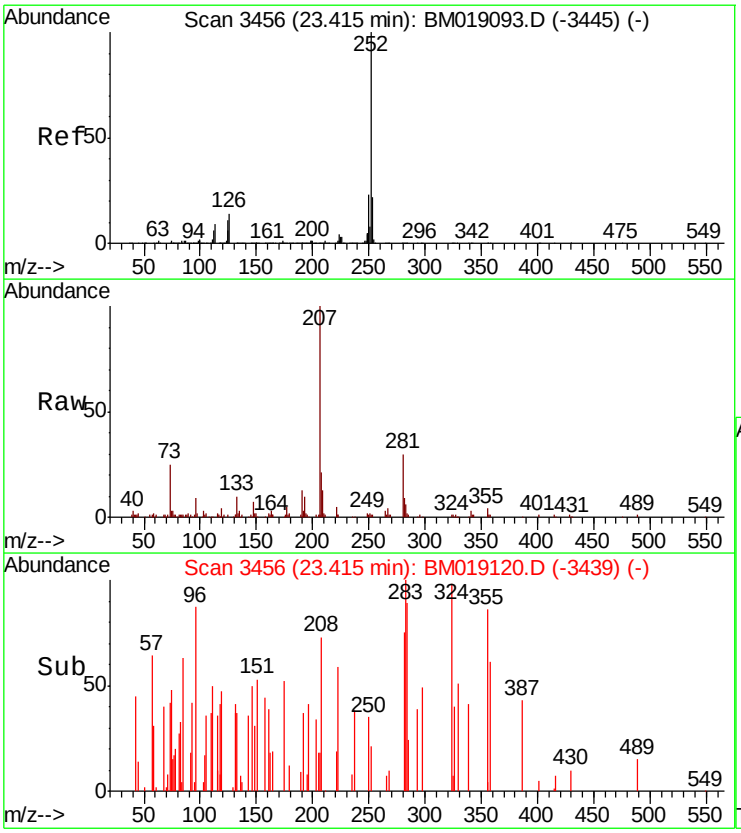
#89
Benzo(k)fluoranthene
Concen: 0.001 ng
RT: 22.89 min Scan# 3366
Delta R.T. 0.01 min
Lab File: BM019120.D
Acq: 12 Mar 2019 20:08

Instrument :
BNA_M
ClientSampleId :
PR-MW-04_030819

Tgt Ion:252 Resp: 115

Ion	Ratio	Lower	Upper
252	100		
253	162.6	17.6	26.4#
125	141.3	8.8	13.2#





#90
Benzo(a)pyrene
Concen: 0.002 ng
RT: 23.41 min Scan# 3456
Delta R.T. -0.00 min
Lab File: BM019120.D
Acq: 12 Mar 2019 20:08

Tgt Ion:252 Resp: 182

Ion	Ratio	Lower	Upper
252	100		
253	138.0	17.4	26.2#
125	119.2	9.2	13.8#