Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010919\
Data File : BM018479.D
Acq On : 09 Jan 2019 18:54
Operator : JU/SJ
Sample : K1008-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : HD-02-010819

Quant Time: Jan 10 05:38:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 09 12:39:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	421401	20.00	ng		0.00
21) Naphthalene-d8	10.55	136	1799876	20.00	ng		0.00
39) Acenaphthene-d10	14.41	164	1078603	20.00	ng		0.00
64) Phenanthrene-d10	17.16	188	2660052	20.00	ng		0.00
76) Chrysene-d12	21.36	240	2924161	20.00	ng		0.00
87) Perylene-d12	23.64	264	2542440	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	2185551	95.77	ng		0.00
7) Phenol-d6	6.93	99	2934597	101.24	ng		0.00
23) Nitrobenzene-d5	8.93	82	1753703	56.48	ng		0.00
42) 2,4,6-Tribromophenol	15.90	330	1449191	105.52	ng		0.00
45) 2-Fluorobiphenyl	13.03	172	4191341	50.71	ng		0.00
79) Terphenyl-d14	19.80	244	7780425	56.09	ng		0.01
Target Compounds							Qvalue
10) Phenol	6.96	94	125529	4.262	ng		92
32) Benzoic acid	9.89	122	109	6.508	ng	#	1
50) Dimethylphthalate	13.87	163	454818	5.134	ng	#	99
65) 4,6-Dinitro-2-methylphenol	15.50	198	309	5.409	ng	#	1
71) Phenanthrene	17.20	178	895568	6.330	ng		100
75) Fluoranthene	19.22	202	1069525	6.556	ng		97
78) Pyrene	19.59	202	889026	5.129	ng		99
81) Benzo(a)anthracene	21.34	228	418147	2.427	ng		95
83) Chrysene	21.39	228	343927	2.067	ng		95
88) Benzo(b)fluoranthene	22.95	252	502052	3.478	ng	#	83
89) Benzo(k)fluoranthene	22.95	252	504883	3.471	ng	#	82

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010919\
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Acq On : 09 Jan 2019 18:54
Operator : JU/SJ
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Misc :
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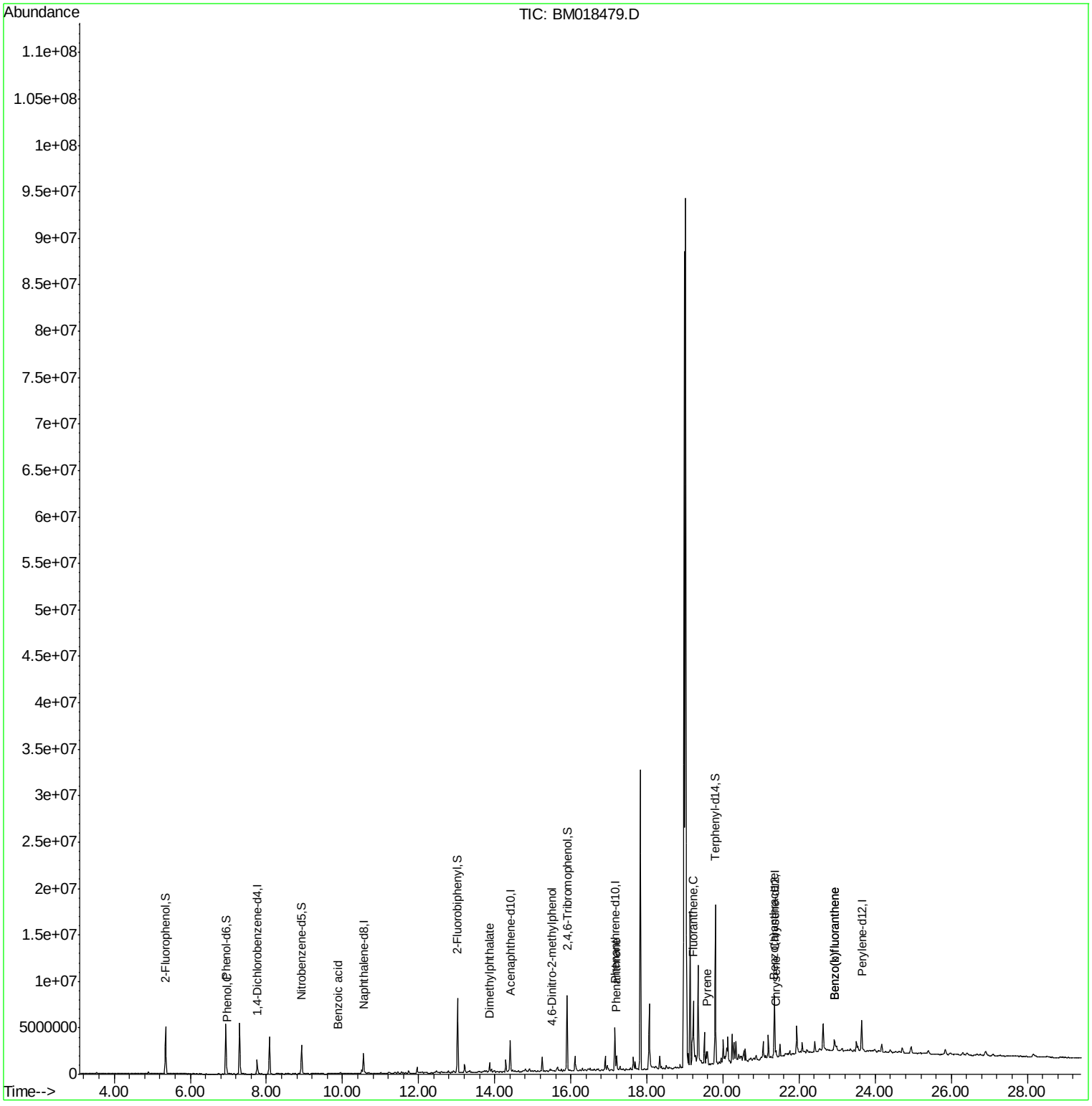
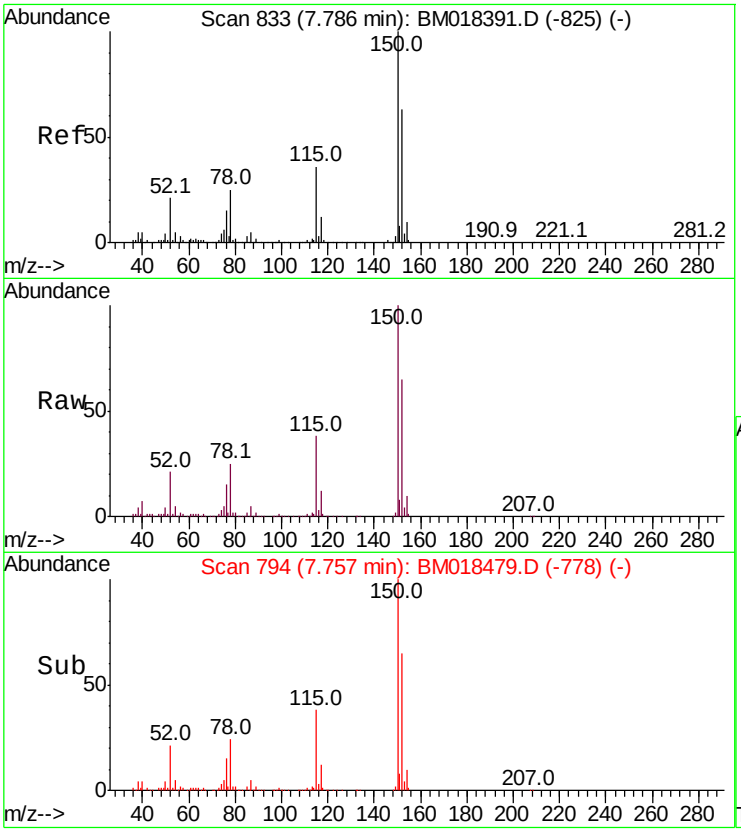
Instrument :
BNA_M
ClientSampleId :
HD-02-010819

Quant Time: Jan 10 05:38:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 09 12:39:07 2019
Response via : Initial Calibration



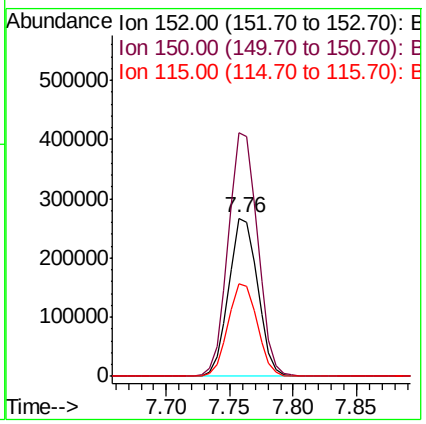


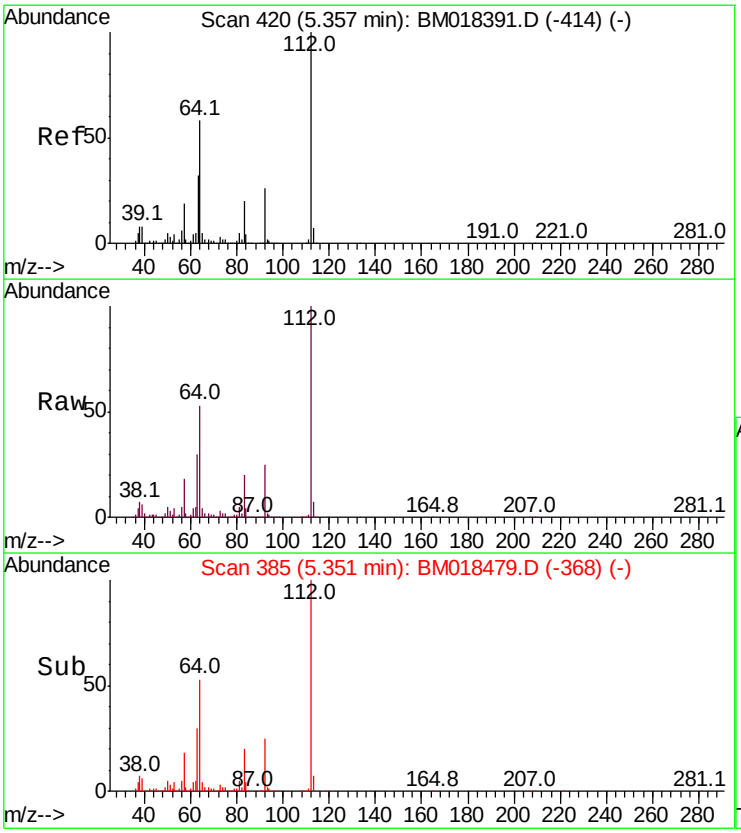
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BM018479.D
Acq: 09 Jan 2019 18:54

Instrument :
BNA_M
ClientSampleId :
HD-02-010819

Tgt Ion:152 Resp: 421401

Ion	Ratio	Lower	Upper
152	100		
150	153.7	126.9	190.3
115	58.5	45.5	68.3

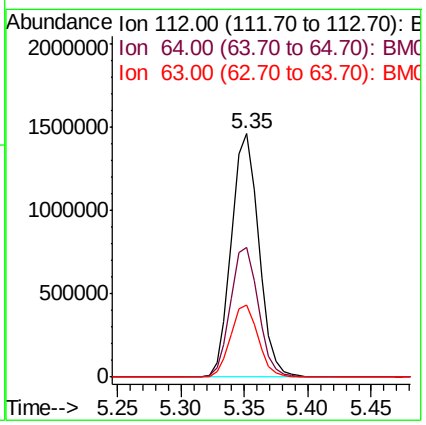


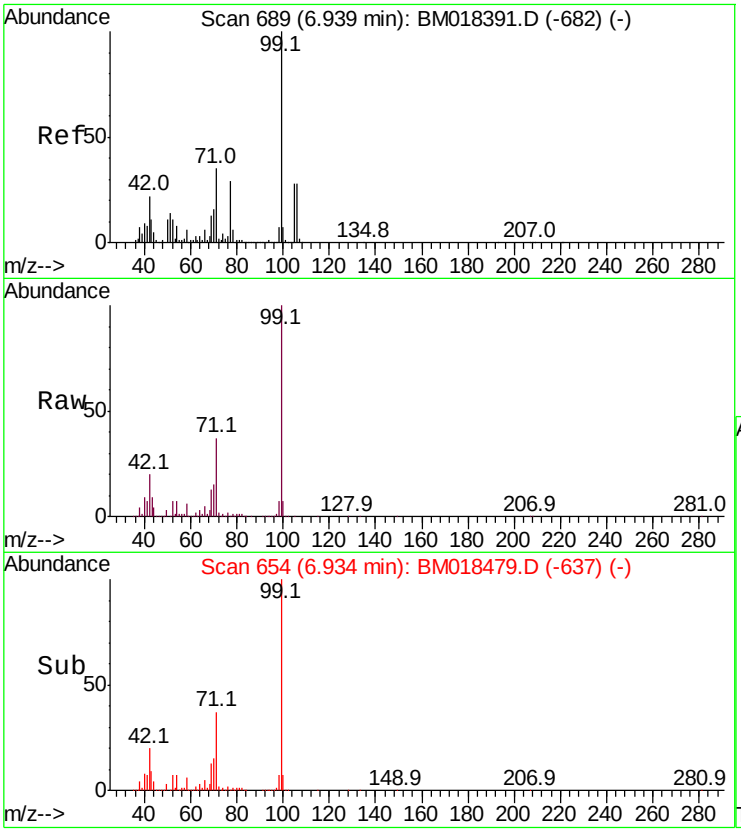


#5
2-Fluorophenol
Concen: 95.766 ng
RT: 5.35 min Scan# 385
Delta R.T. -0.00 min
Lab File: BM018479.D
Acq: 09 Jan 2019 18:54

Tgt Ion:112 Resp: 2185551

Ion	Ratio	Lower	Upper
112	100		
64	53.2	46.5	69.7
63	29.7	25.2	37.8



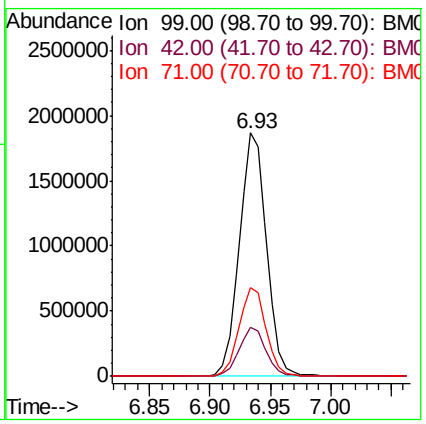


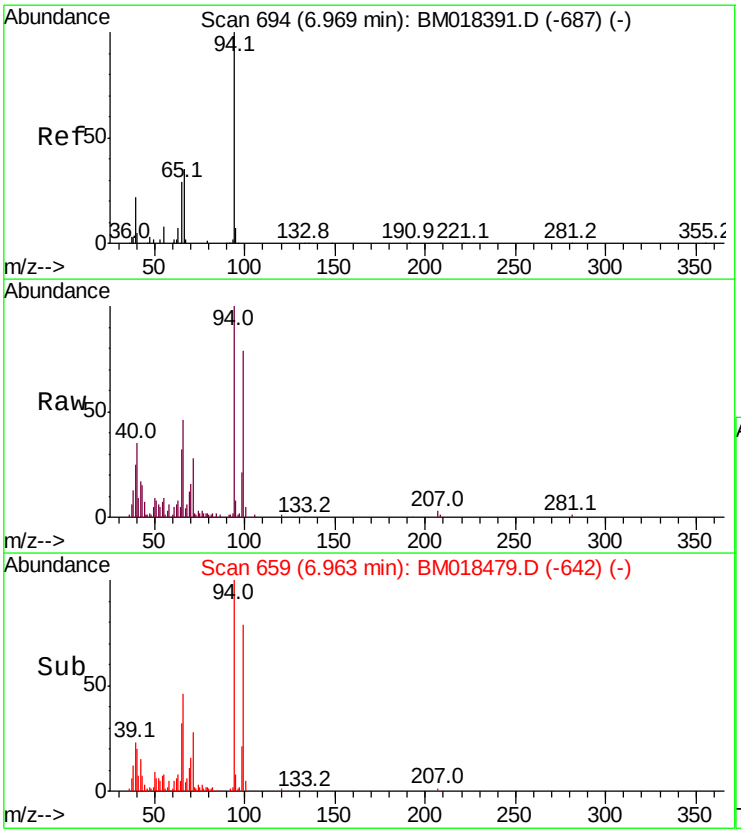
#7
Phenol-d6
Concen: 101.241 ng
RT: 6.93 min Scan# 654
Delta R.T. -0.00 min
Lab File: BM018479.D
Acq: 09 Jan 2019 18:54

Instrument :
BNA_M
ClientSampleId :
HD-02-010819

Tgt Ion: 99 Resp: 2934597

Ion	Ratio	Lower	Upper
99	100		
42	20.2	17.3	25.9
71	36.5	28.0	42.0

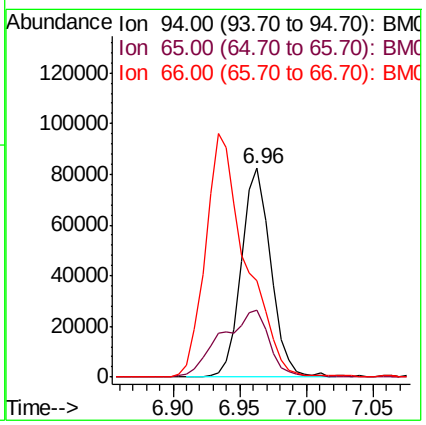


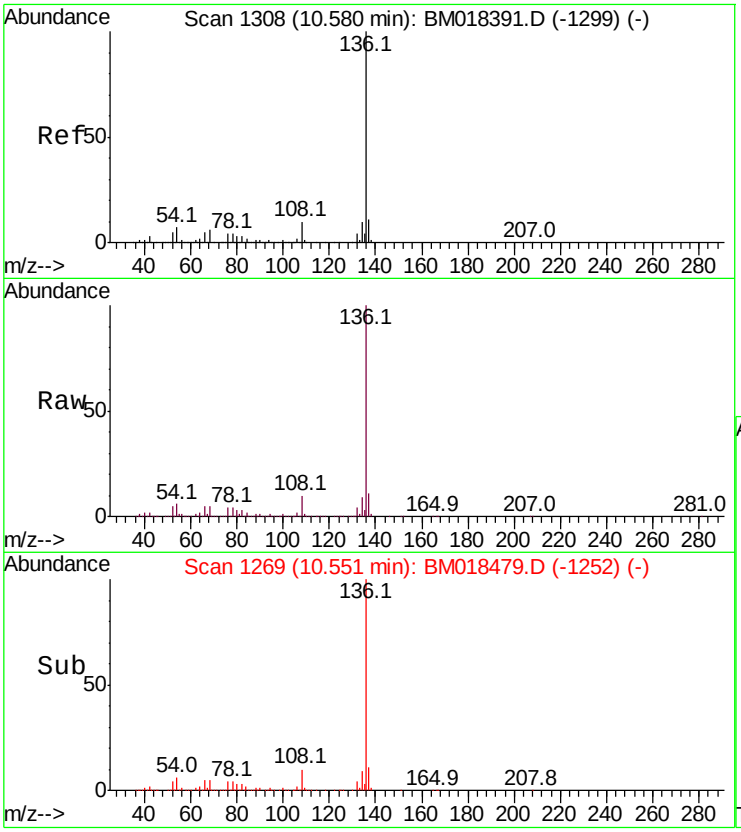


#10
Phenol
Concen: 4.262 ng
RT: 6.96 min Scan# 659
Delta R.T. -0.00 min
Lab File: BM018479.D
Acq: 09 Jan 2019 18:54

Tgt Ion: 94 Resp: 125529

Ion	Ratio	Lower	Upper
94	100		
65	31.8	9.4	49.4
66	46.1	19.1	59.1



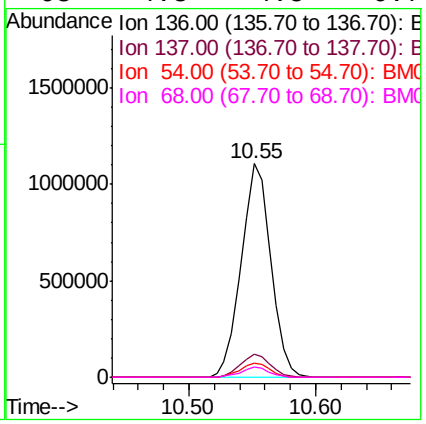


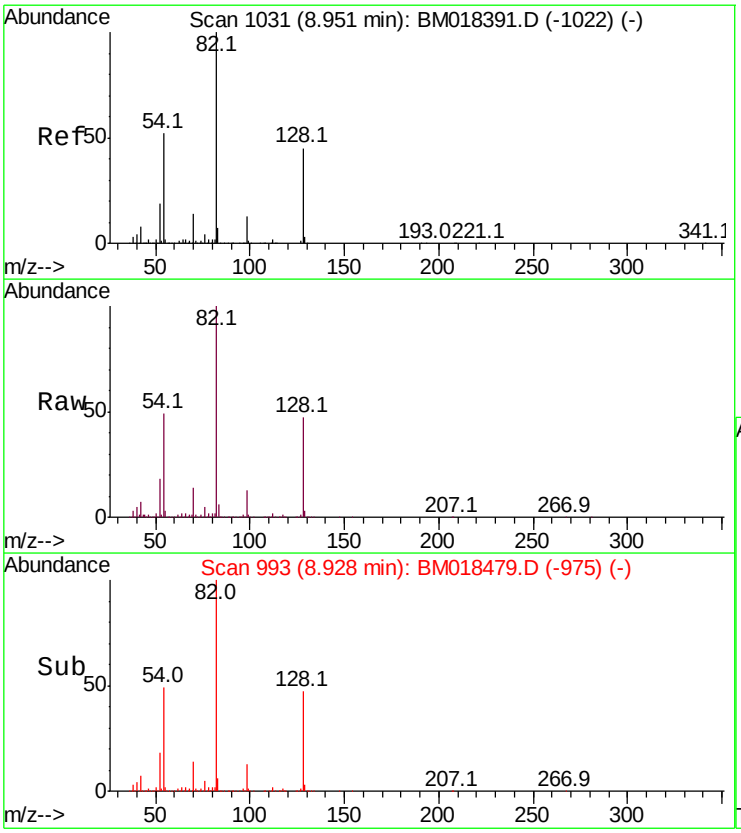
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.55 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BM018479.D
Acq: 09 Jan 2019 18:54

Instrument :
BNA_M
ClientSampleId :
HD-02-010819

Tgt Ion:136 Resp: 1799876

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	6.4	6.0	9.0
68	4.8	4.5	6.7

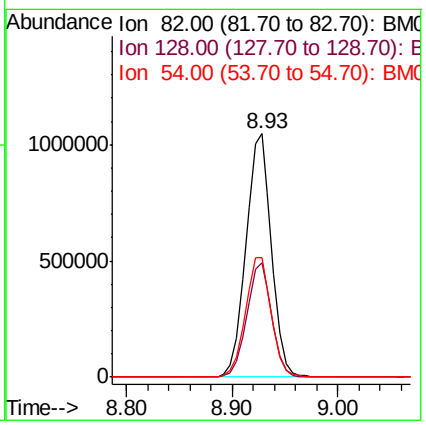


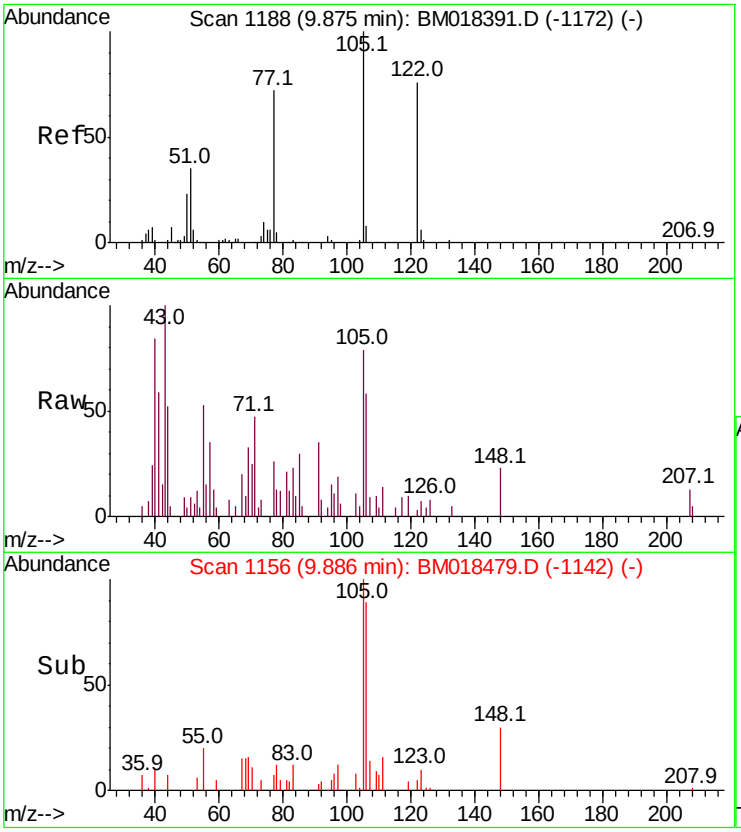


#23
Nitrobenzene-d5
Concen: 56.484 ng
RT: 8.93 min Scan# 993
Delta R.T. 0.01 min
Lab File: BM018479.D
Acq: 09 Jan 2019 18:54

Tgt Ion: 82 Resp: 1753703

Ion	Ratio	Lower	Upper
82	100		
128	46.8	36.3	54.5
54	49.1	41.7	62.5



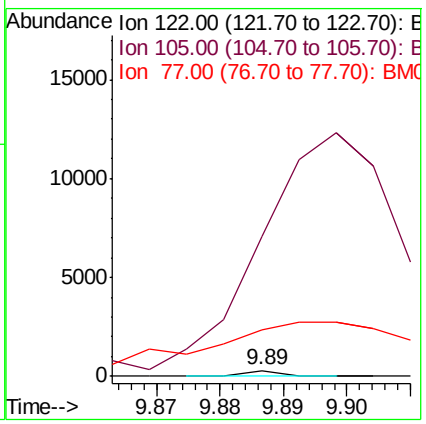


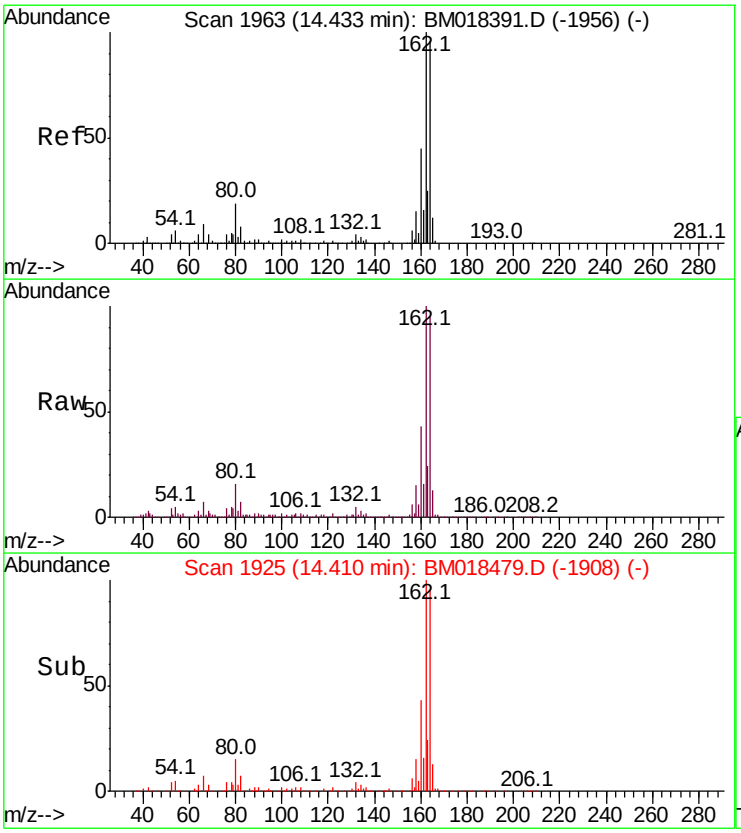
#32
Benzoic acid
Concen: 6.508 ng
RT: 9.89 min Scan# 1156
Delta R.T. -0.02 min
Lab File: BM018479.D
Acq: 09 Jan 2019 18:54

Instrument :
BNA_M
ClientSampleId :
HD-02-010819

Tgt Ion:122 Resp: 109

Ion	Ratio	Lower	Upper
122	100		
105	2286.8	100.4	140.4#
77	752.6	71.7	111.7#

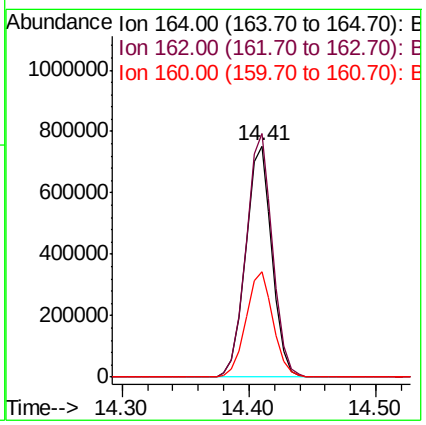


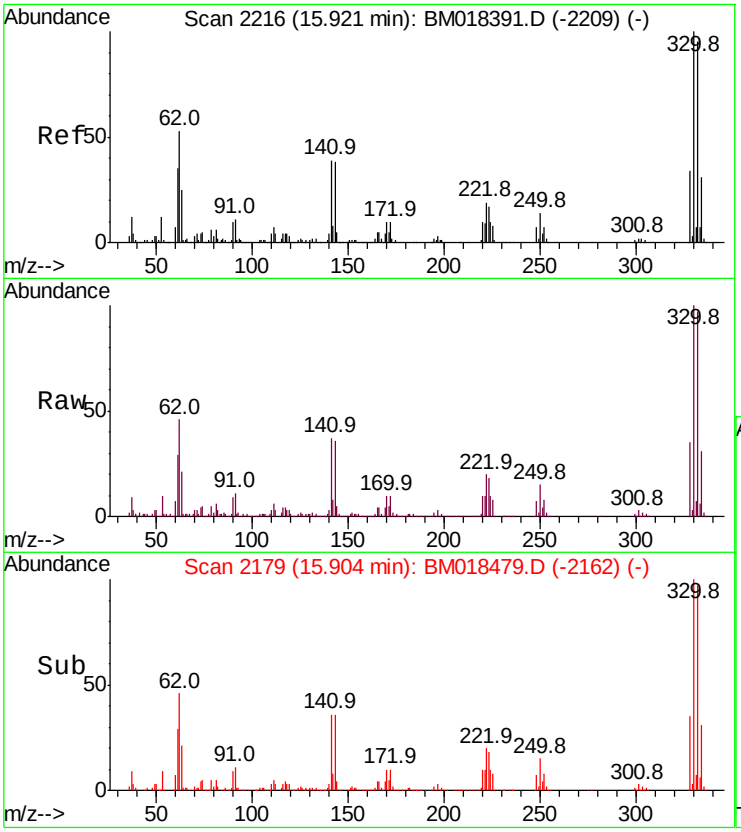


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.41 min Scan# 1925
Delta R.T. -0.00 min
Lab File: BM018479.D
Acq: 09 Jan 2019 18:54

Tgt Ion:164 Resp: 1078603

Ion	Ratio	Lower	Upper
164	100		
162	105.4	83.0	124.4
160	45.7	37.1	55.7



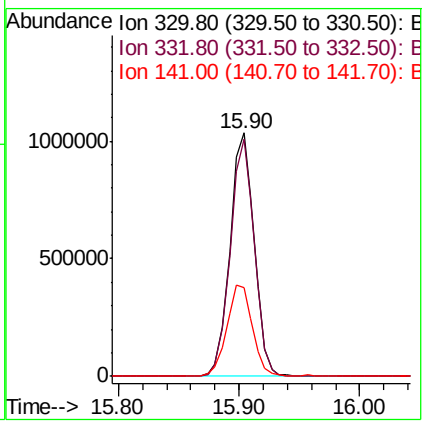


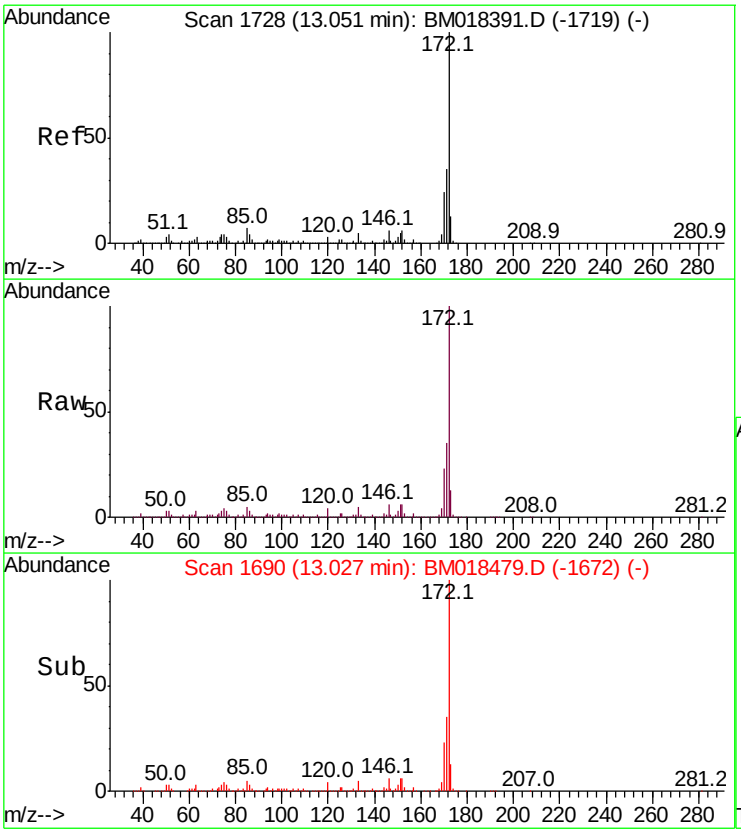
#42
2,4,6-Tribromophenol
Concen: 105.521 ng
RT: 15.90 min Scan# 2179
Delta R.T. -0.00 min
Lab File: BM018479.D
Acq: 09 Jan 2019 18:54

Instrument :
BNA_M
ClientSampleId :
HD-02-010819

Tgt Ion:330 Resp: 1449191

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.6	116.4
141	38.9	31.7	47.5

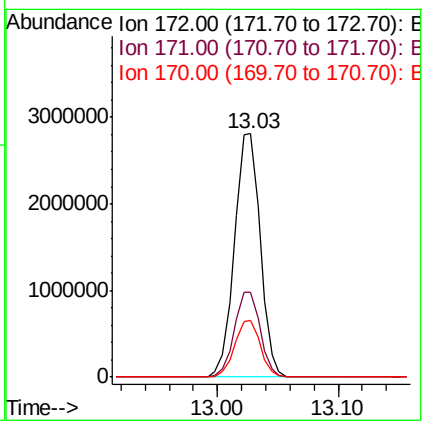


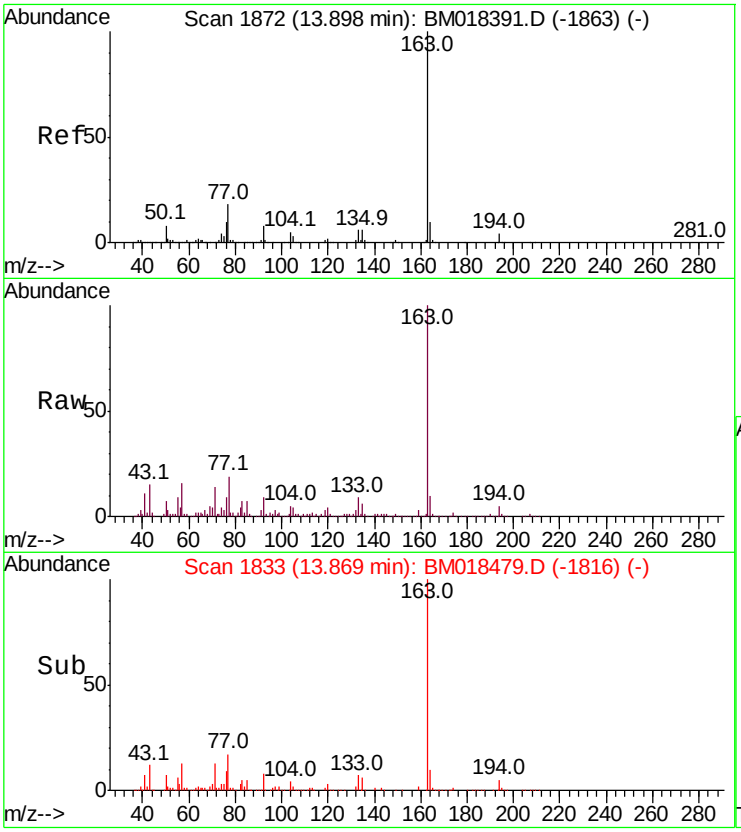


#45
2-Fluorobiphenyl
Concen: 50.706 ng
RT: 13.03 min Scan# 1690
Delta R.T. 0.01 min
Lab File: BM018479.D
Acq: 09 Jan 2019 18:54

Tgt Ion:172 Resp: 4191341

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.2	42.4
170	23.3	18.9	28.3



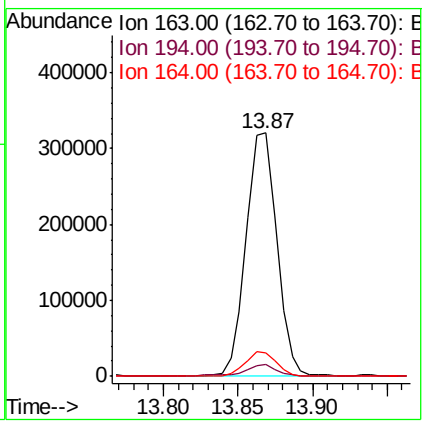


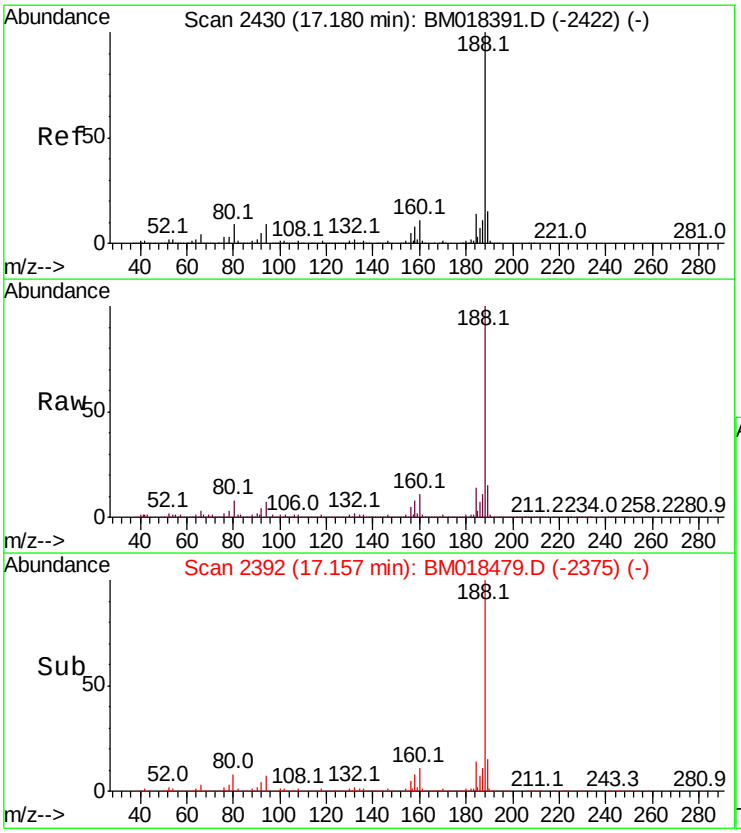
#50
Dimethylphthalate
Concen: 5.134 ng
RT: 13.87 min Scan# 1833
Delta R.T. -0.00 min
Lab File: BM018479.D
Acq: 09 Jan 2019 18:54

Instrument :
BNA_M
ClientSampleId :
HD-02-010819

Tgt Ion:163 Resp: 454818

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.0	4.6#
164	9.7	7.8	11.8

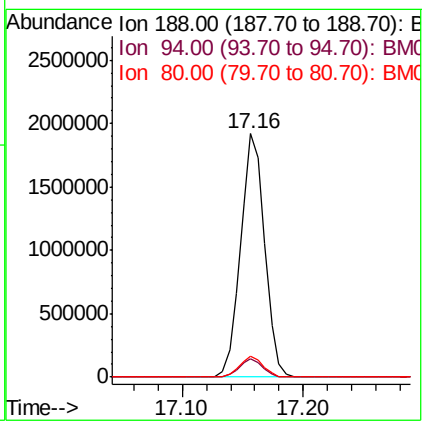


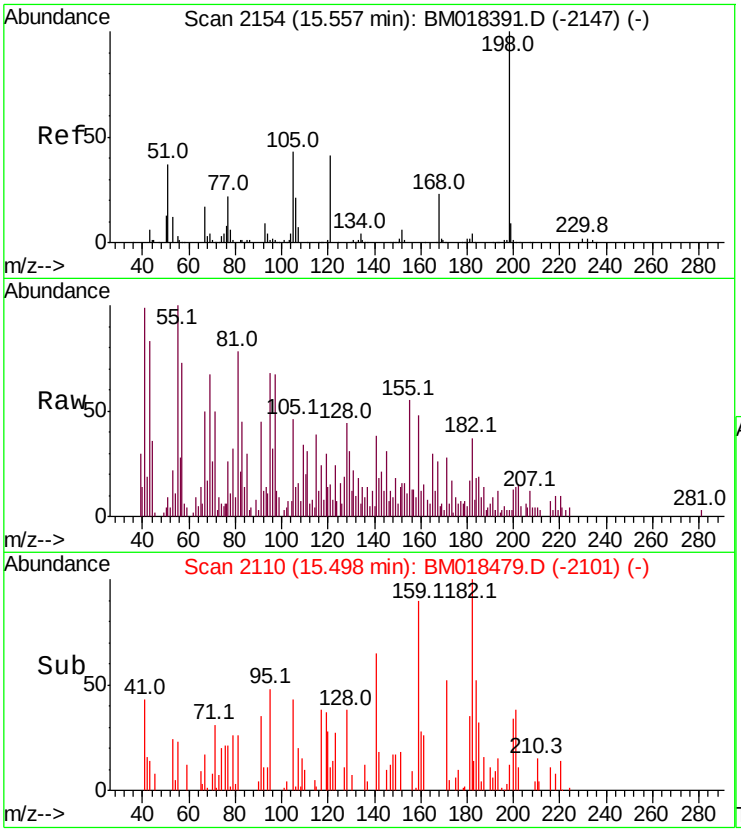


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.16 min Scan# 2392
Delta R.T. -0.00 min
Lab File: BM018479.D
Acq: 09 Jan 2019 18:54

Tgt Ion:188 Resp: 2660052

Ion	Ratio	Lower	Upper
188	100		
94	7.4	7.1	10.7
80	8.4	7.6	11.4



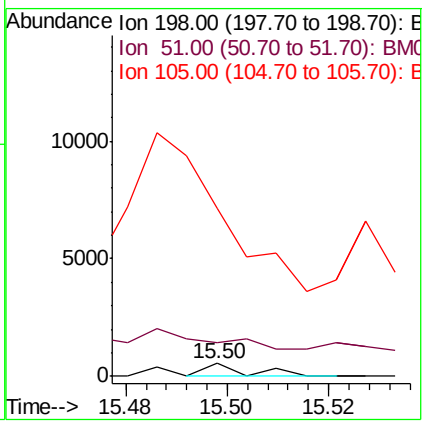


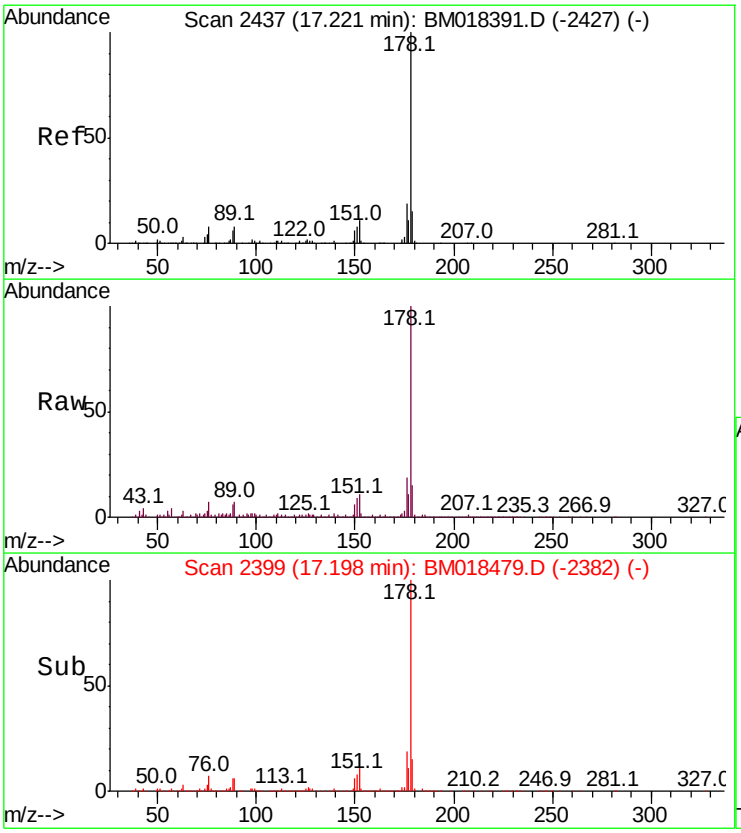
#65
4,6-Dinitro-2-methylphenol
Concen: 5.409 ng
RT: 15.50 min Scan# 2110
Delta R.T. -0.05 min
Lab File: BM018479.D
Acq: 09 Jan 2019 18:54

Instrument :
BNA_M
ClientSampleId :
HD-02-010819

Tgt Ion:198 Resp: 309

Ion	Ratio	Lower	Upper
198	100		
51	262.5	29.6	69.6#
105	1324.2	25.5	65.5#

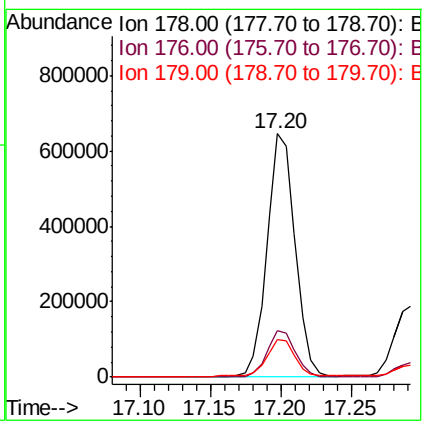


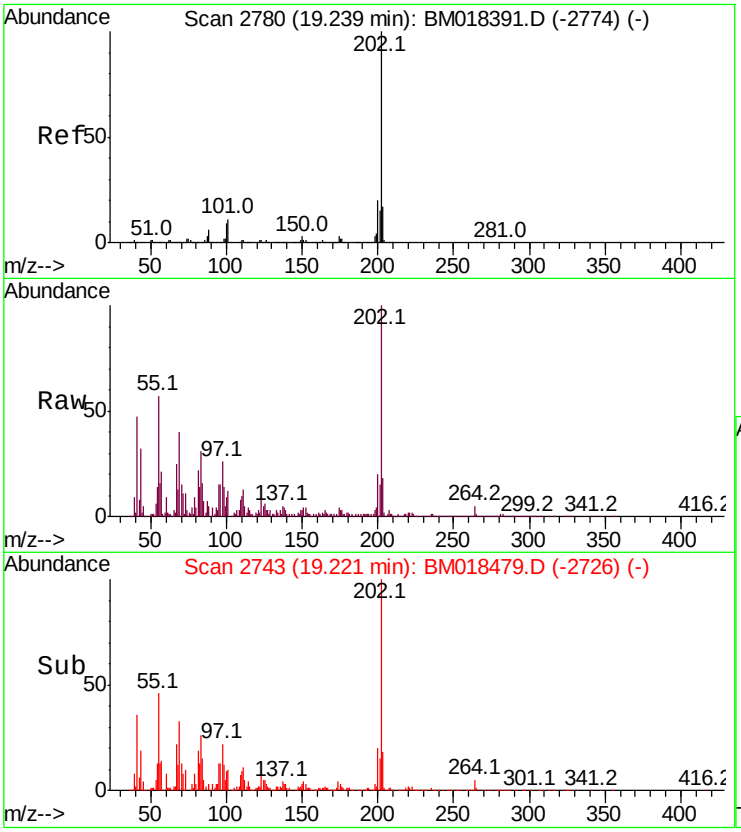


#71
Phenanthrene
Concen: 6.330 ng
RT: 17.20 min Scan# 2399
Delta R.T. -0.00 min
Lab File: BM018479.D
Acq: 09 Jan 2019 18:54

Tgt Ion:178 Resp: 895568

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.0
179	15.2	12.2	18.4



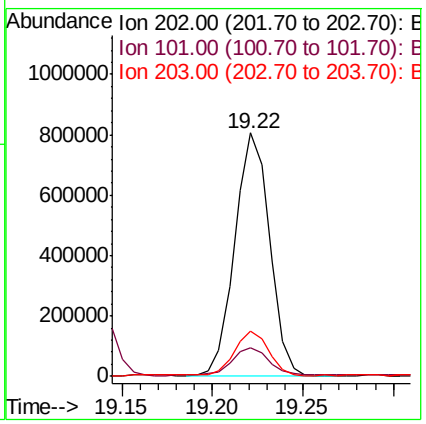


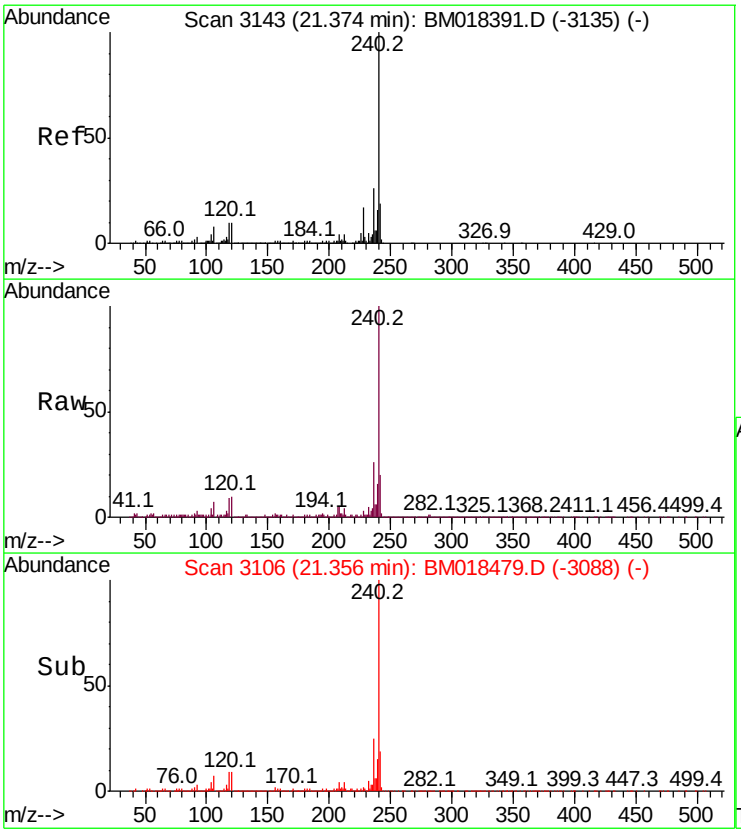
#75
Fluoranthene
Concen: 6.556 ng
RT: 19.22 min Scan# 2743
Delta R.T. -0.00 min
Lab File: BM018479.D
Acq: 09 Jan 2019 18:54

Instrument :
BNA_M
ClientSampleId :
HD-02-010819

Tgt Ion:202 Resp: 1069525

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	30.9
203	18.5	0.0	37.4

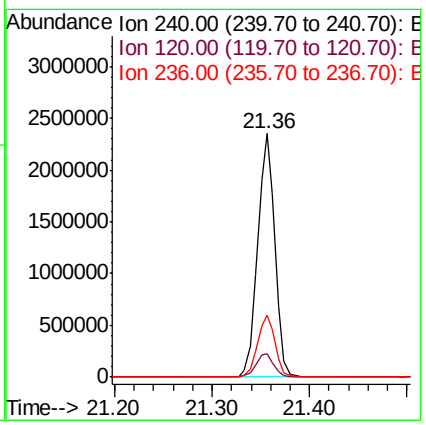


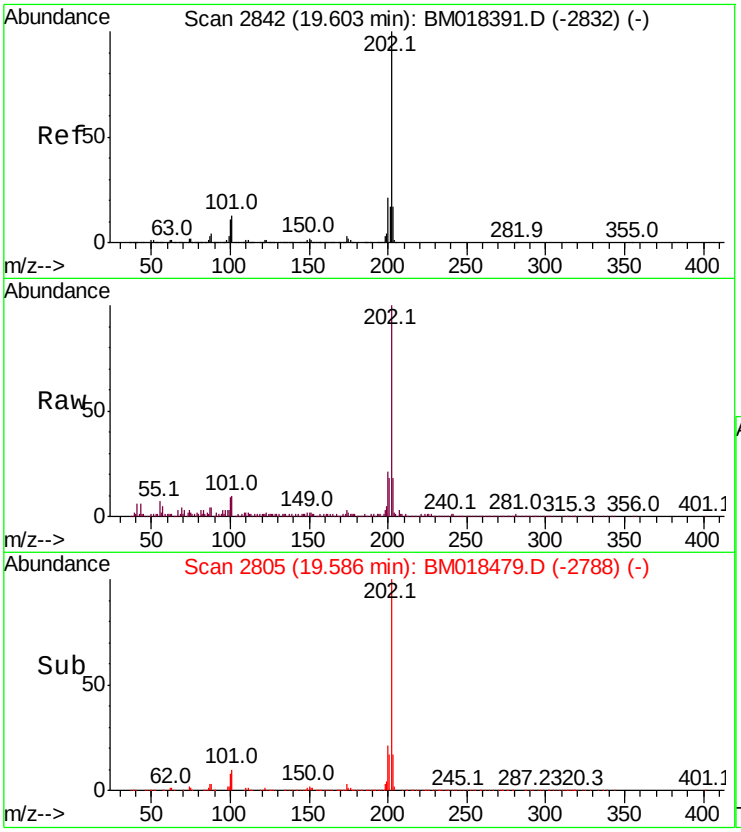


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.36 min Scan# 3106
Delta R.T. 0.01 min
Lab File: BM018479.D
Acq: 09 Jan 2019 18:54

Tgt Ion:240 Resp: 2924161

Ion	Ratio	Lower	Upper
240	100		
120	9.5	8.4	12.6
236	25.6	20.7	31.1



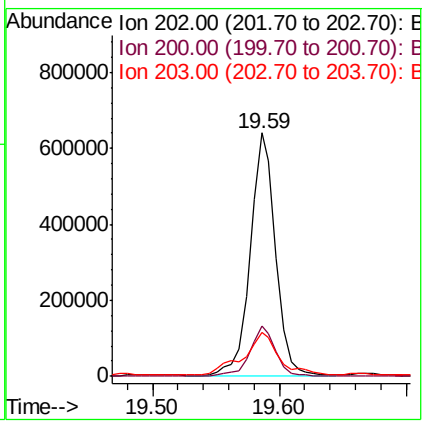


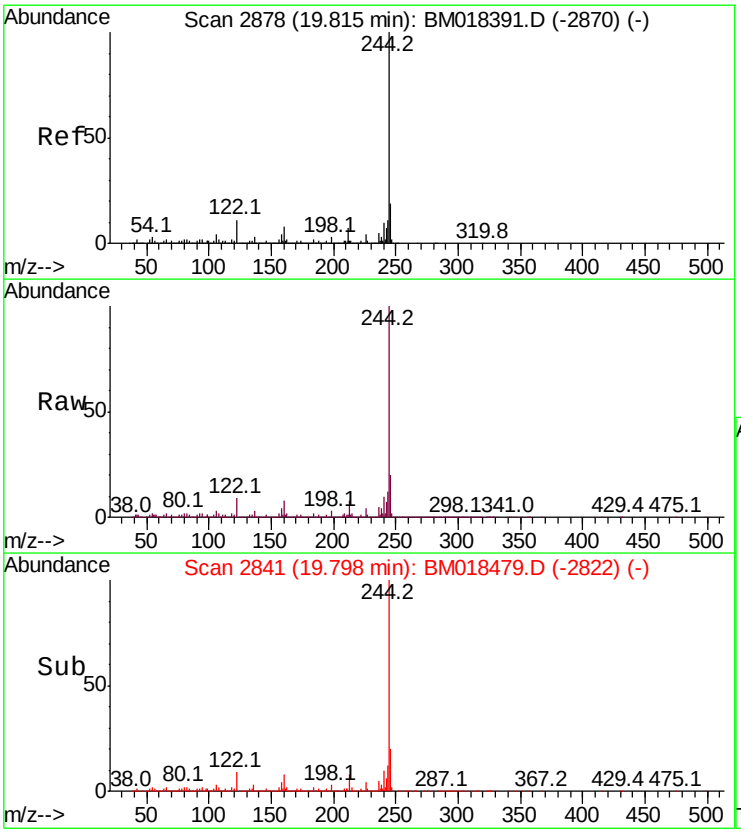
#78
Pyrene
Concen: 5.129 ng
RT: 19.59 min Scan# 2805
Delta R.T. -0.00 min
Lab File: BM018479.D
Acq: 09 Jan 2019 18:54

Instrument :
BNA_M
ClientSampleId :
HD-02-010819

Tgt Ion:202 Resp: 889026

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	24.8
203	18.3	13.8	20.8

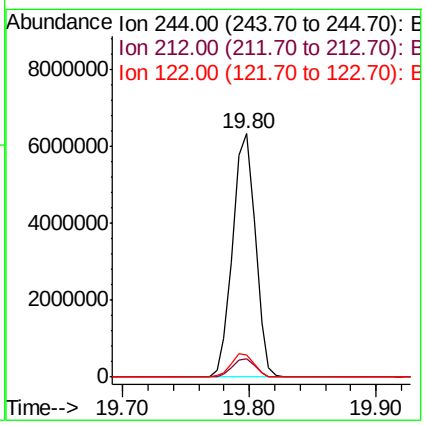


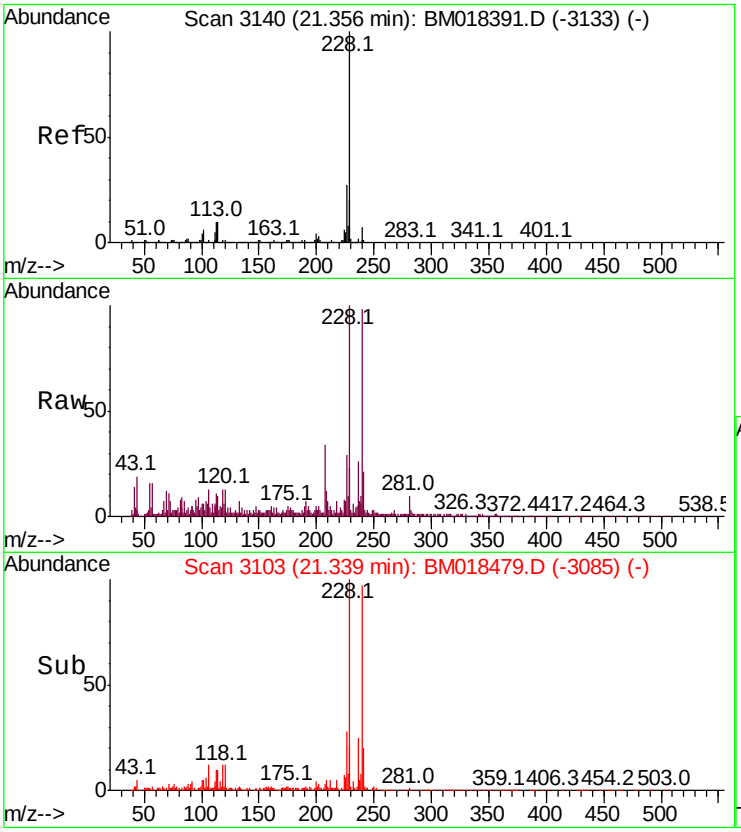


#79
Terphenyl-d14
Concen: 56.089 ng
RT: 19.80 min Scan# 2841
Delta R.T. 0.01 min
Lab File: BM018479.D
Acq: 09 Jan 2019 18:54

Tgt Ion:244 Resp: 7780425

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.9	8.9
122	9.3	9.0	13.4



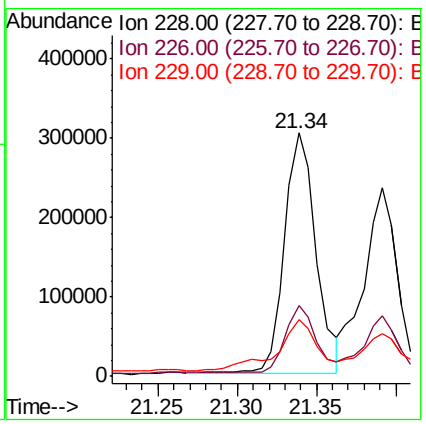


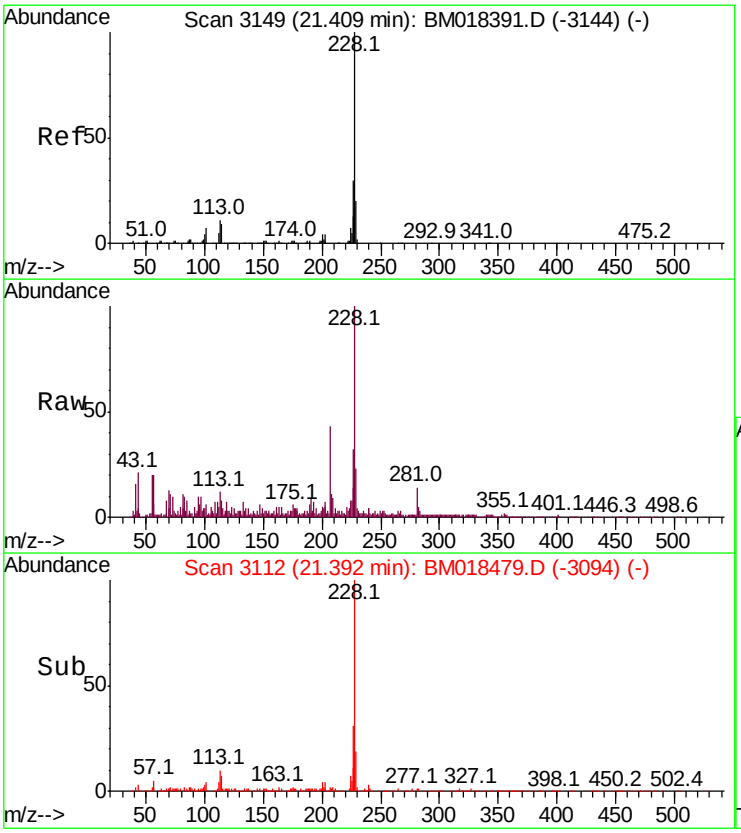
#81
Benzo(a)anthracene
Concen: 2.427 ng
RT: 21.34 min Scan# 3103
Delta R.T. 0.01 min
Lab File: BM018479.D
Acq: 09 Jan 2019 18:54

Instrument :
BNA_M
ClientSampleId :
HD-02-010819

Tgt Ion:228 Resp: 418147

Ion	Ratio	Lower	Upper
228	100		
226	29.2	21.8	32.6
229	23.1	15.8	23.8

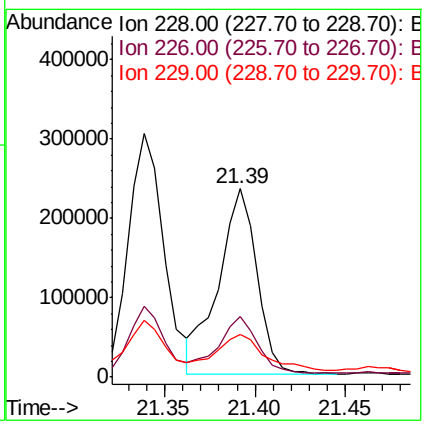


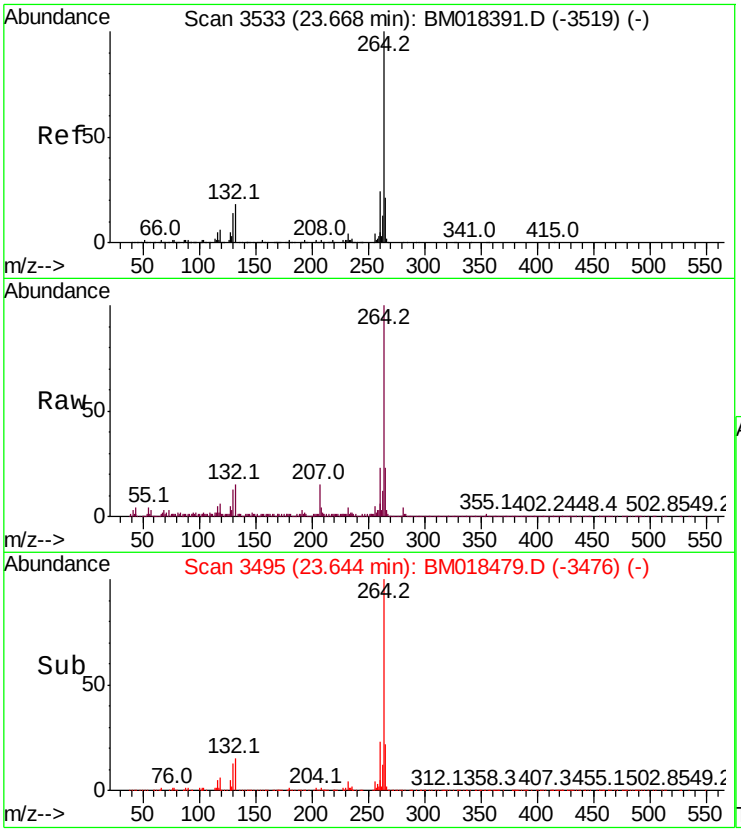


#83
Chrysene
Concen: 2.067 ng
RT: 21.39 min Scan# 3112
Delta R.T. 0.01 min
Lab File: BM018479.D
Acq: 09 Jan 2019 18:54

Tgt Ion:228 Resp: 343927

Ion	Ratio	Lower	Upper
228	100		
226	32.1	24.2	36.2
229	22.5	15.6	23.4



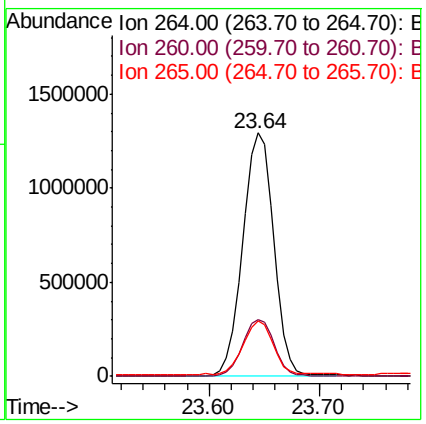


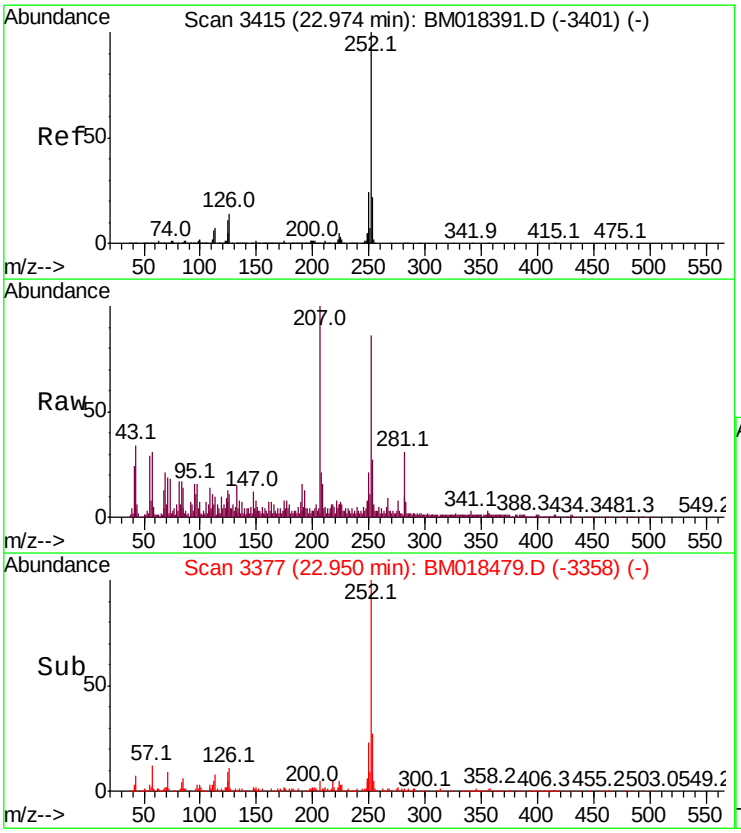
#87
Perylene-d12
Concen: 20.000 ng
RT: 23.64 min Scan# 3495
Delta R.T. 0.01 min
Lab File: BM018479.D
Acq: 09 Jan 2019 18:54

Instrument :
BNA_M
ClientSampleId :
HD-02-010819

Tgt Ion:264 Resp: 2542440

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.9	28.3
265	22.6	16.8	25.2

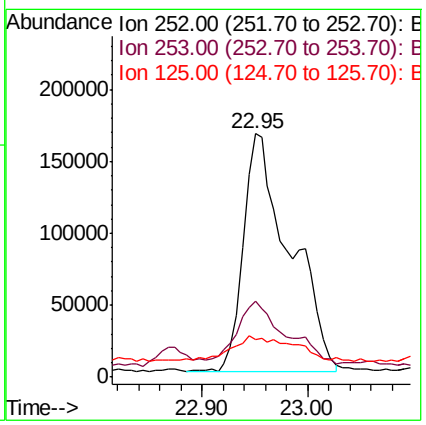


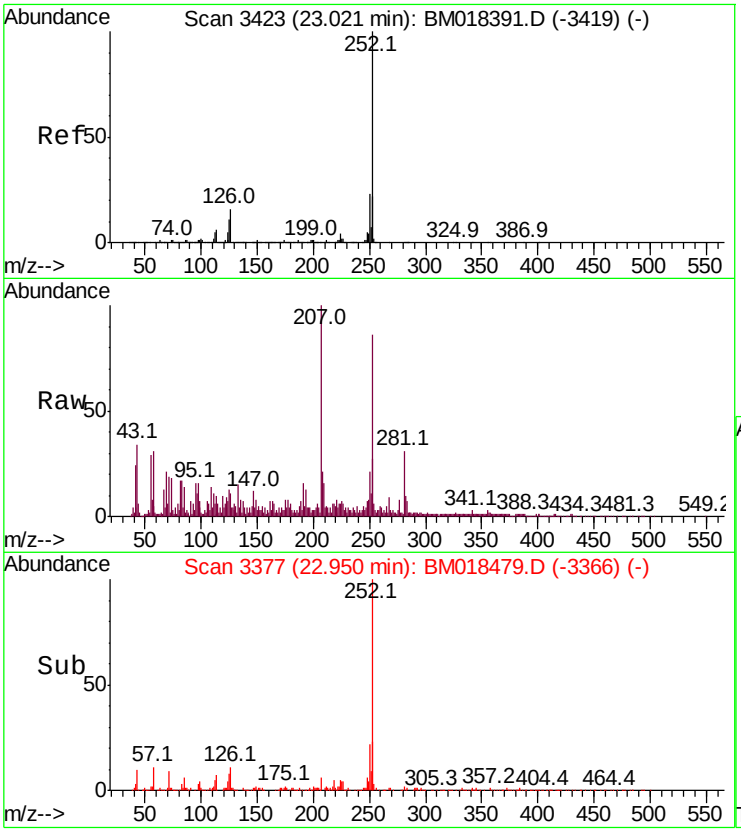


#88
Benzo(b)fluoranthene
Concen: 3.478 ng
RT: 22.95 min Scan# 3377
Delta R.T. 0.01 min
Lab File: BM018479.D
Acq: 09 Jan 2019 18:54

Tgt Ion:252 Resp: 502052

Ion	Ratio	Lower	Upper
252	100		
253	31.4	17.6	26.4#
125	15.3	8.5	12.7#





#89
Benzo(k)fluoranthene
Concen: 3.471 ng
RT: 22.95 min Scan# 3377
Delta R.T. -0.04 min
Lab File: BM018479.D
Acq: 09 Jan 2019 18:54

Instrument :
BNA_M
ClientSampleId :
HD-02-010819

Tgt Ion:252 Resp: 504883

Ion	Ratio	Lower	Upper
252	100		
253	31.4	17.4	26.0#
125	15.3	8.6	12.8#