Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM031519\
Data File : BM019182.D
Acq On : 15 Mar 2019 12:33
Operator : JU/SJ
Sample : K1817-14RE
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PST-027-B116-030619

Quant Time: Mar 16 01:32:17 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	206582	20.00	ng		0.00
21) Naphthalene-d8	10.44	136	955805	20.00	ng		-0.01
39) Acenaphthene-d10	14.31	164	616499	20.00	ng		-0.01
64) Phenanthrene-d10	17.06	188	1388090	20.00	ng		-0.01
76) Chrysene-d12	21.26	240	1347691	20.00	ng		-0.01
87) Perylene-d12	23.50	264	1225006	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	1225169	96.05	ng		0.00
7) Phenol-d6	6.83	99	1910124	102.37	ng		-0.01
23) Nitrobenzene-d5	8.82	82	1134528	56.11	ng		-0.01
42) 2,4,6-Tribromophenol	15.81	330	808238	88.79	ng		-0.01
45) 2-Fluorobiphenyl	12.92	172	2535386	53.49	ng		-0.01
79) Terphenyl-d14	19.70	244	3876002	57.10	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.86	94	42110	2.094	ng		86
50) Dimethylphthalate	13.77	163	206691	3.919	ng		99
71) Phenanthrene	17.10	178	222574	2.736	ng		99
75) Fluoranthene	19.13	202	339255	3.634	ng		99
78) Pyrene	19.49	202	422046	4.950	ng		99
81) Benzo(a)anthracene	21.24	228	170112	2.012	ng		98
83) Chrysene	21.30	228	201010	2.457	ng		97
88) Benzo(b)fluoranthene	22.83	252	256315	3.229	ng	#	94
89) Benzo(k)fluoranthene	22.83	252	254219	3.482	ng	#	95

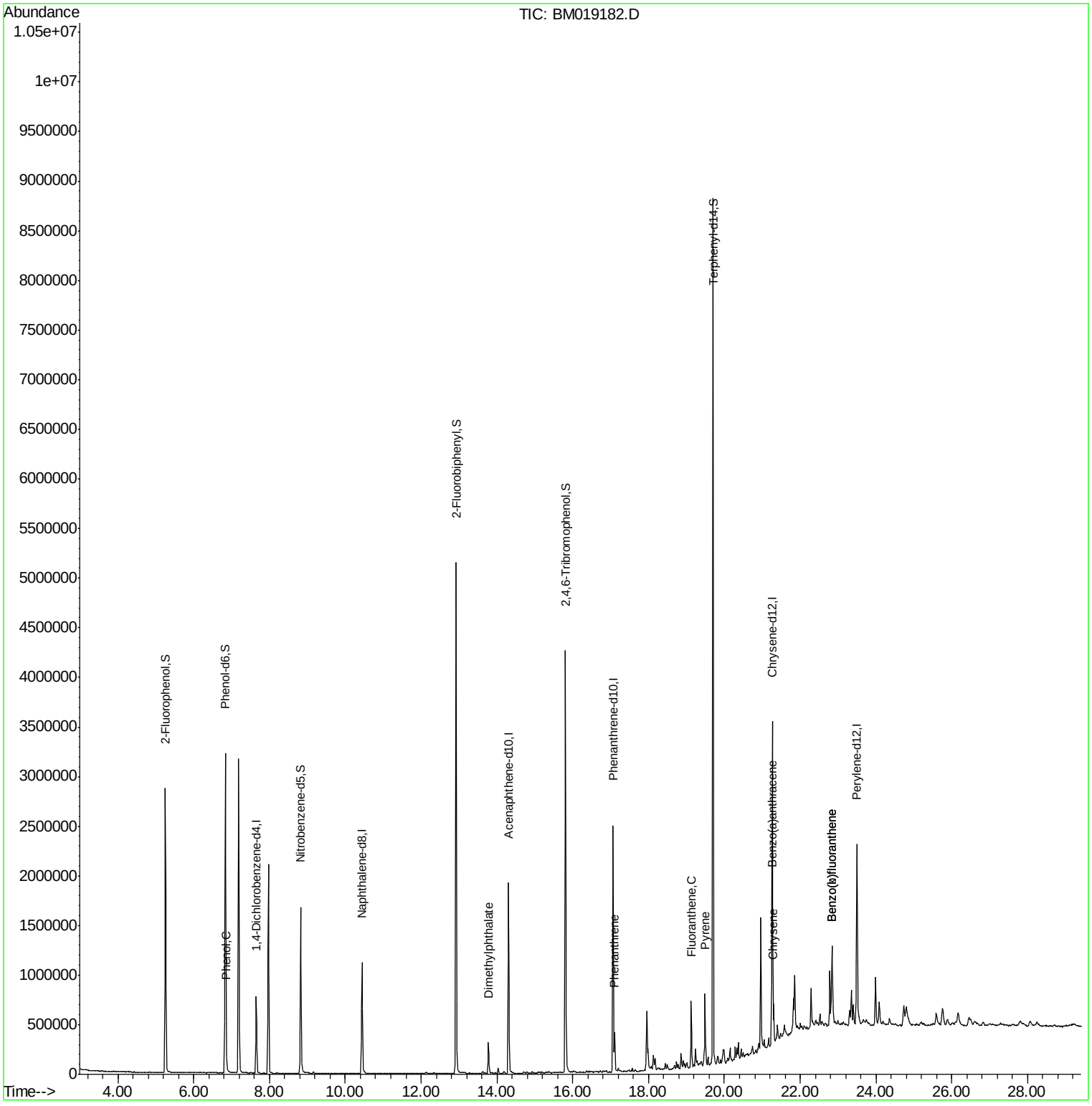
(#) = qualifier out of range (m) = manual integration (+) = signals summed

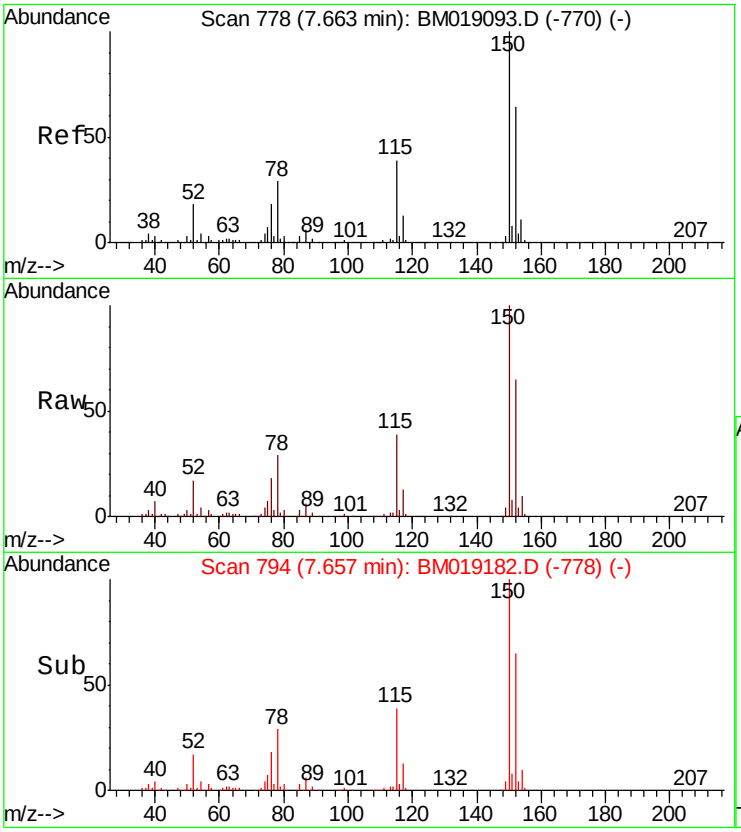
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM031519\
Data File : BM019182.D
Acq On : 15 Mar 2019 12:33
Operator : JU/SJ
Sample : K1817-14RE
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PST-027-B116-030619

Quant Time: Mar 16 01:32:17 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



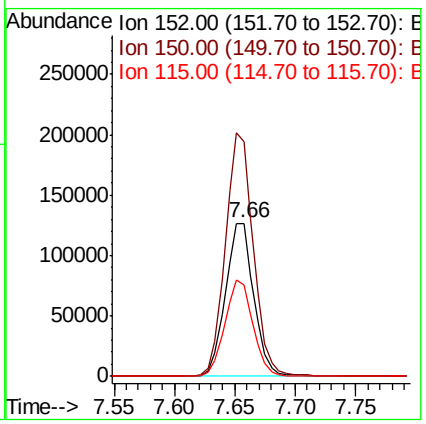


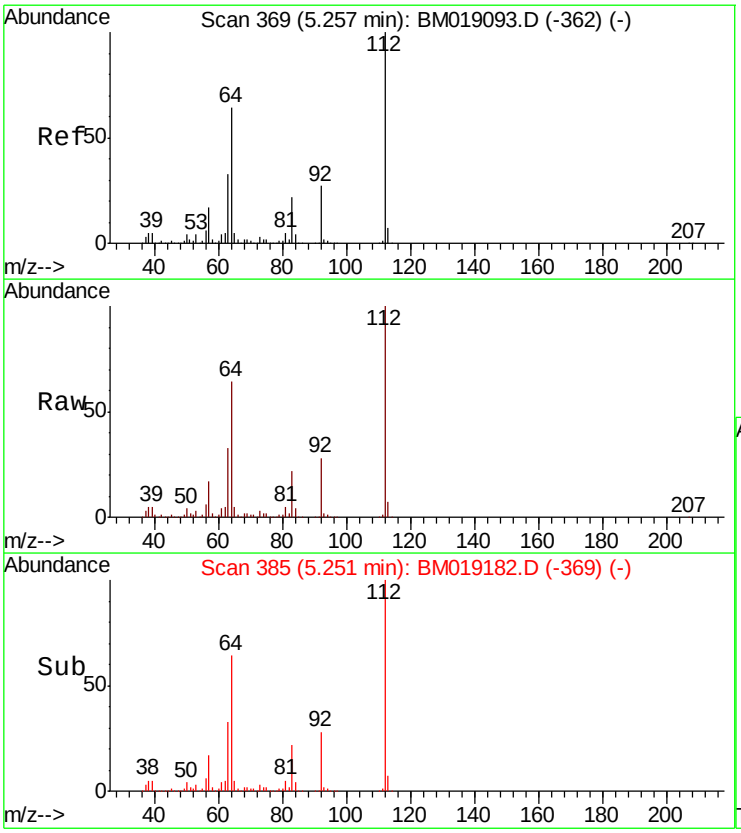
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 794
Delta R.T. -0.01 min
Lab File: BM019182.D
Acq: 15 Mar 2019 12:33

Instrument :
BNA_M
ClientSampleId :
PST-027-B116-030619

Tgt Ion:152 Resp: 206582

Ion	Ratio	Lower	Upper
152	100		
150	154.0	125.3	187.9
115	59.8	49.4	74.0

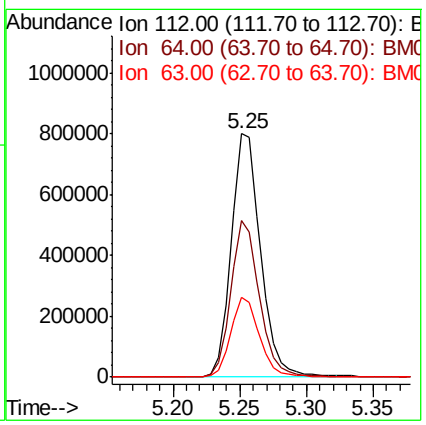


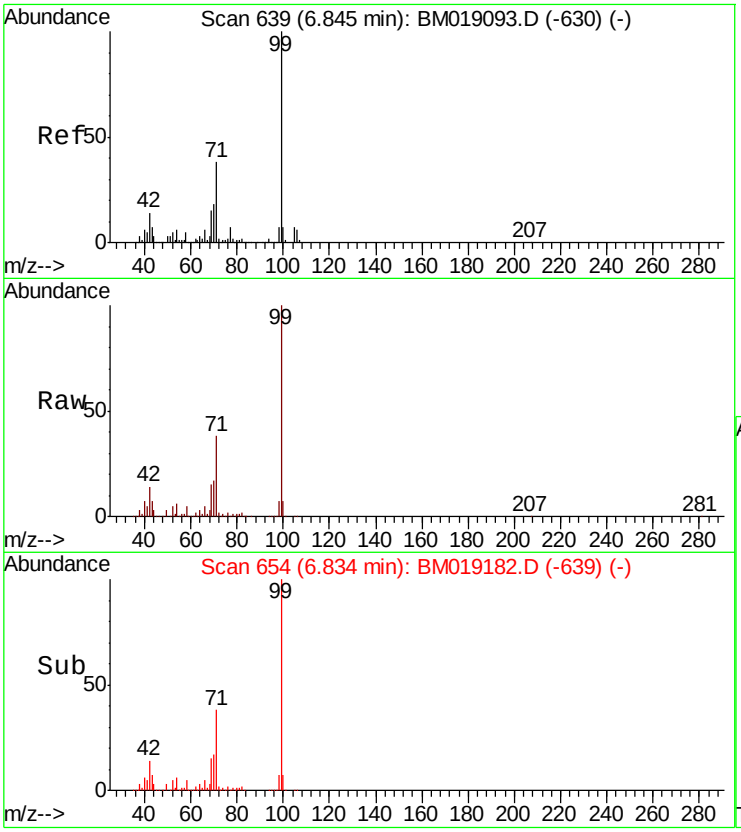


#5
2-Fluorophenol
Concen: 96.046 ng
RT: 5.25 min Scan# 385
Delta R.T. -0.01 min
Lab File: BM019182.D
Acq: 15 Mar 2019 12:33

Tgt Ion:112 Resp: 1225169

Ion	Ratio	Lower	Upper
112	100		
64	64.5	51.4	77.0
63	33.0	26.6	40.0



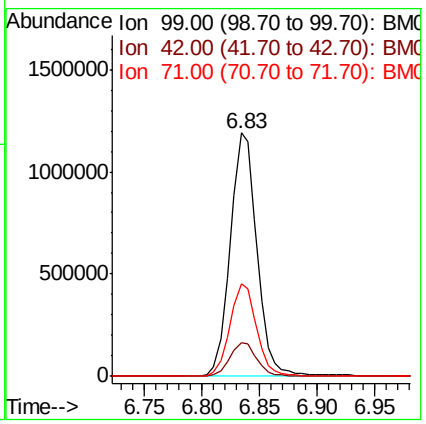


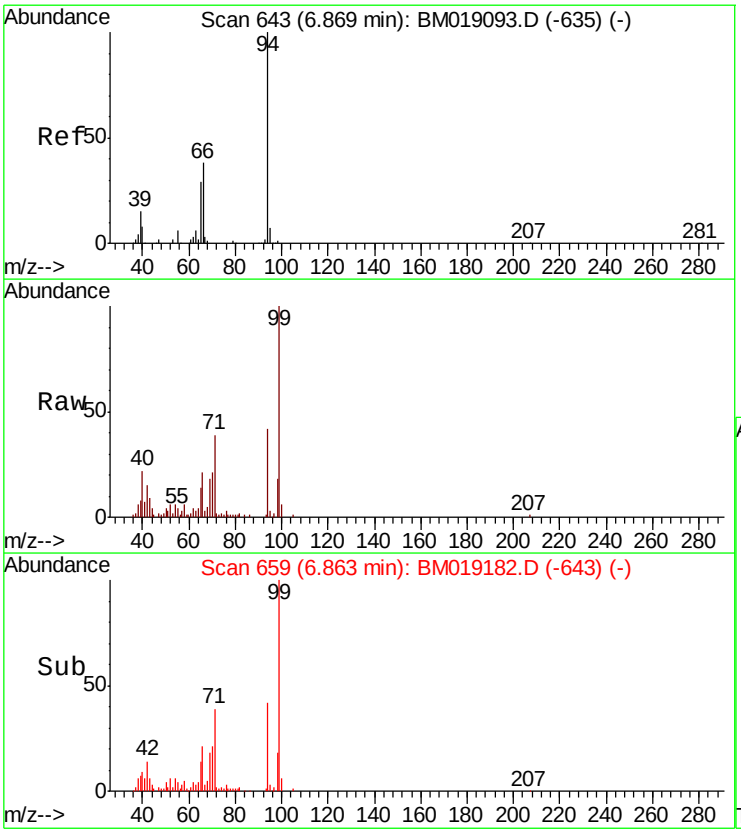
#7
Phenol-d6
Concen: 102.373 ng
RT: 6.83 min Scan# 654
Delta R.T. -0.01 min
Lab File: BM019182.D
Acq: 15 Mar 2019 12:33

Instrument :
BNA_M
ClientSampleId :
PST-027-B116-030619

Tgt Ion: 99 Resp: 1910124

Ion	Ratio	Lower	Upper
99	100		
42	14.0	10.9	16.3
71	37.9	30.3	45.5

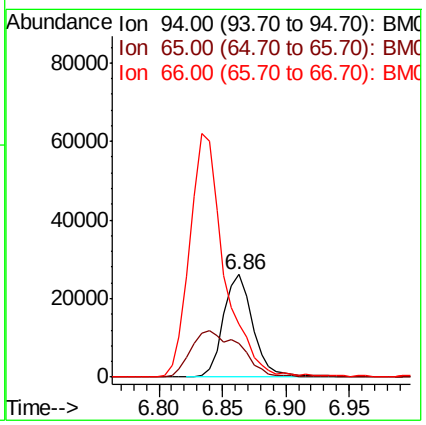


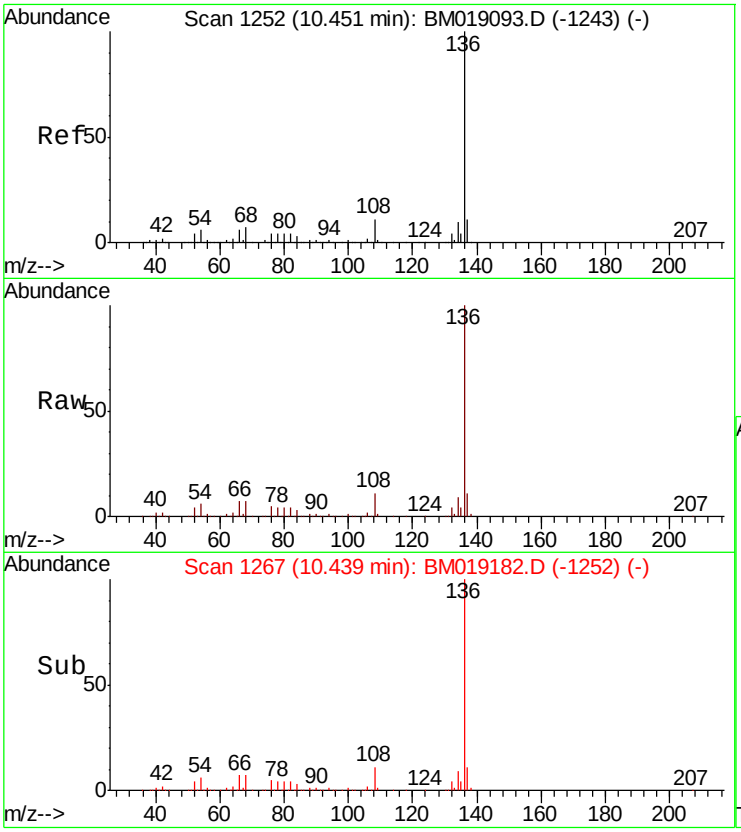


#10
Phenol
Concen: 2.094 ng
RT: 6.86 min Scan# 659
Delta R.T. -0.01 min
Lab File: BM019182.D
Acq: 15 Mar 2019 12:33

Tgt Ion: 94 Resp: 42110

Ion	Ratio	Lower	Upper
94	100		
65	33.2	9.7	49.7
66	51.7	19.2	59.2



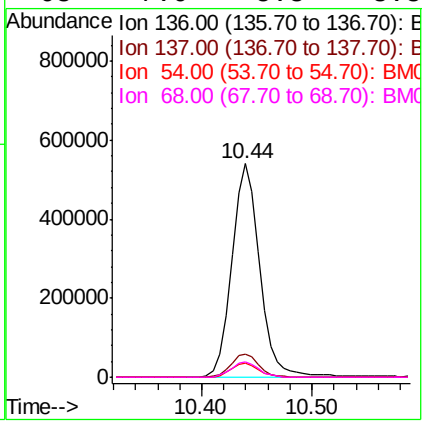


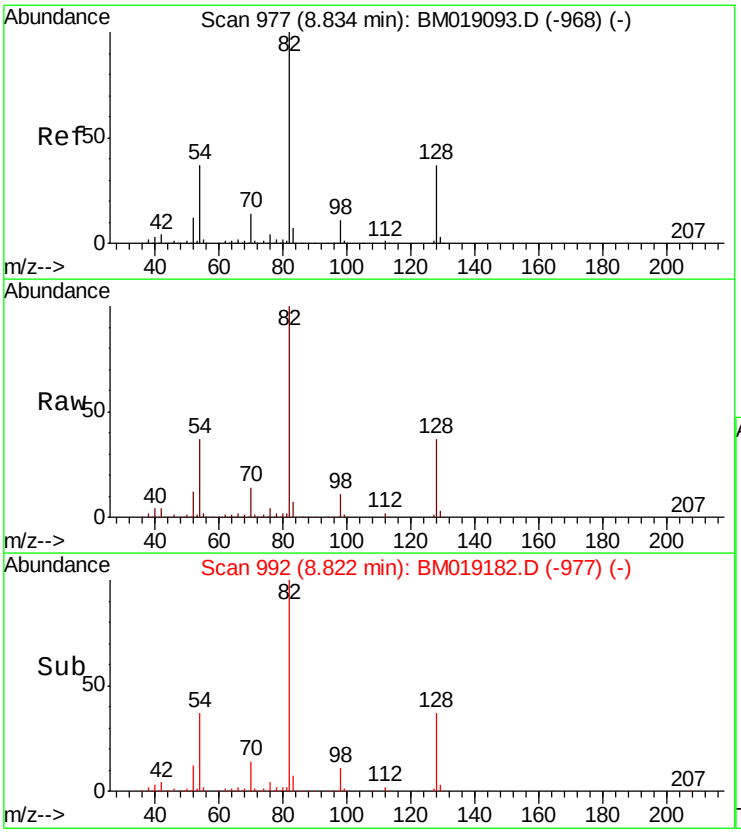
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.44 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BM019182.D
Acq: 15 Mar 2019 12:33

Instrument :
BNA_M
ClientSampleId :
PST-027-B116-030619

Tgt Ion:136 Resp: 955805

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	6.5	5.2	7.8
68	7.0	5.8	8.8

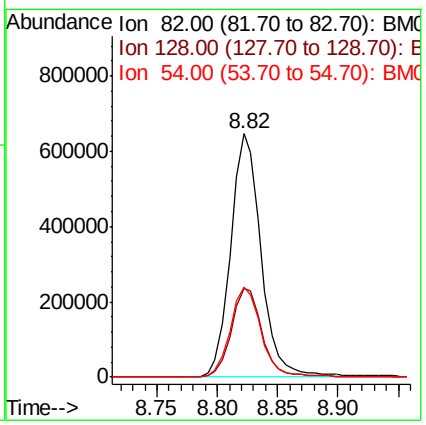


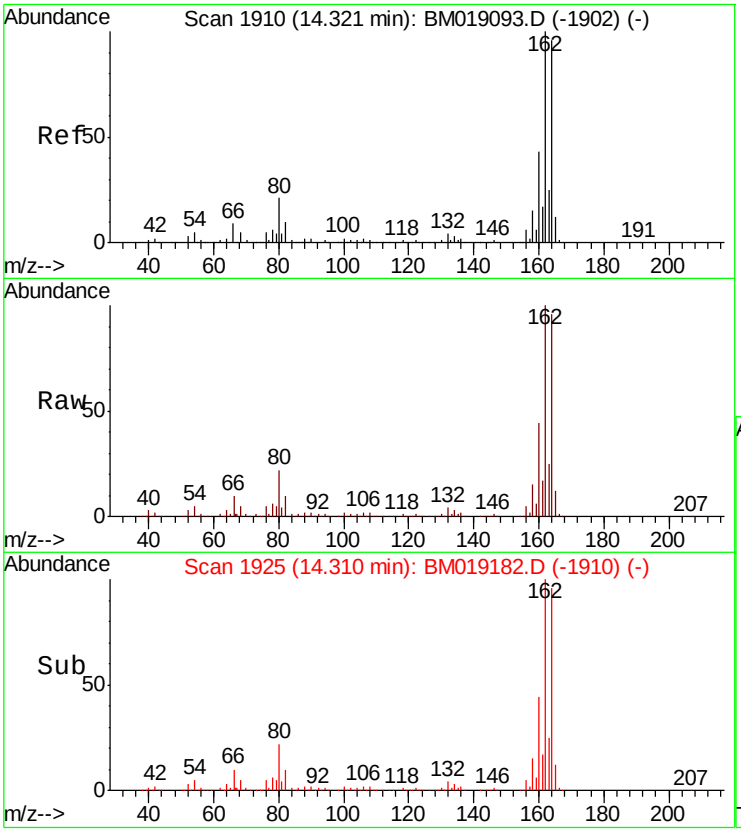


#23
Nitrobenzene-d5
Concen: 56.109 ng
RT: 8.82 min Scan# 992
Delta R.T. -0.01 min
Lab File: BM019182.D
Acq: 15 Mar 2019 12:33

Tgt Ion: 82 Resp: 1134528

Ion	Ratio	Lower	Upper
82	100		
128	36.7	29.4	44.2
54	36.9	29.9	44.9



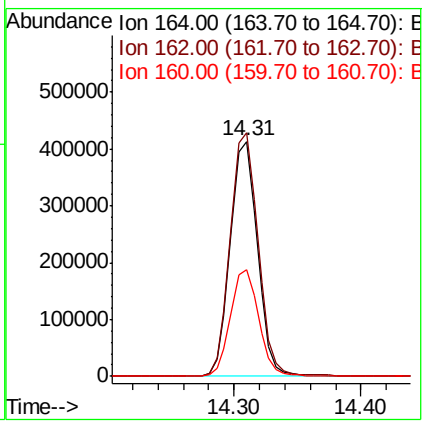


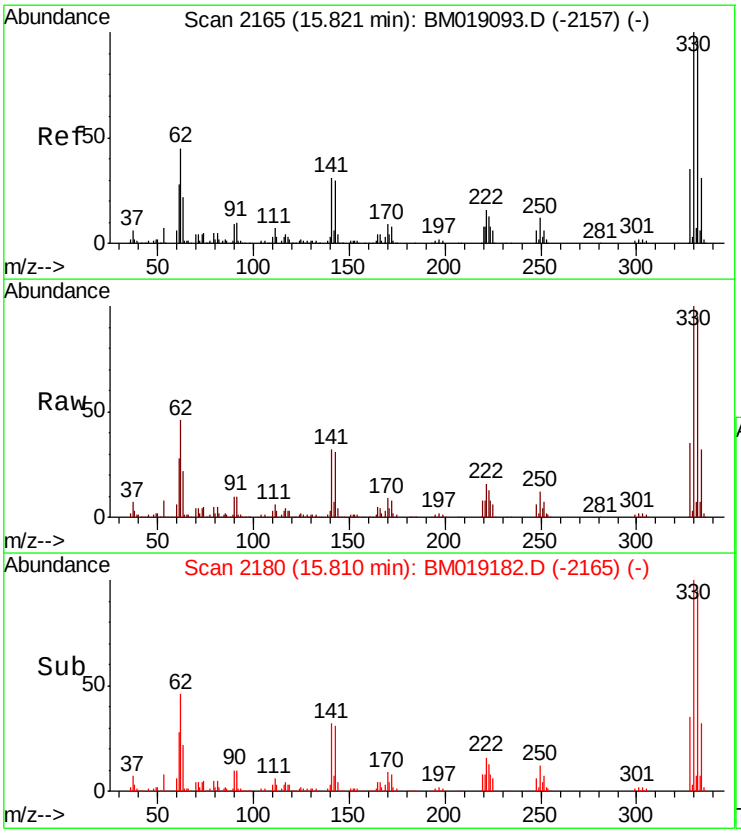
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.31 min Scan# 1925
Delta R.T. -0.01 min
Lab File: BM019182.D
Acq: 15 Mar 2019 12:33

Instrument :
BNA_M
ClientSampleId :
PST-027-B116-030619

Tgt Ion:164 Resp: 616499

Ion	Ratio	Lower	Upper
164	100		
162	103.7	83.5	125.3
160	45.6	36.3	54.5

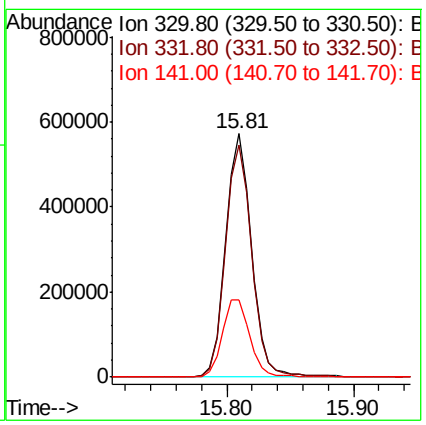


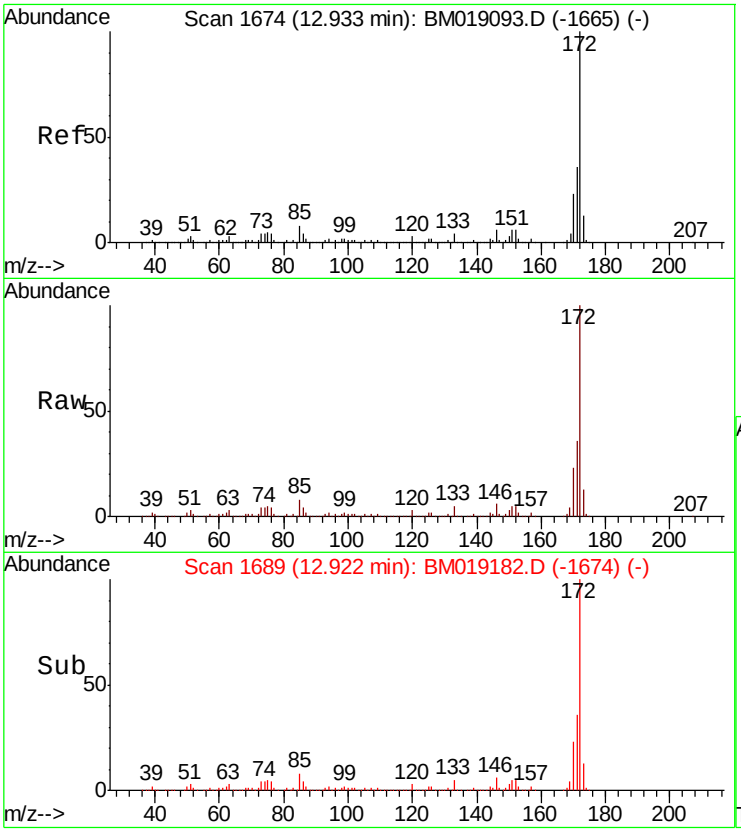


#42
2,4,6-Tribromophenol
Concen: 88.794 ng
RT: 15.81 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BM019182.D
Acq: 15 Mar 2019 12:33

Tgt Ion:330 Resp: 808238

Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.8	115.2
141	34.0	27.0	40.4



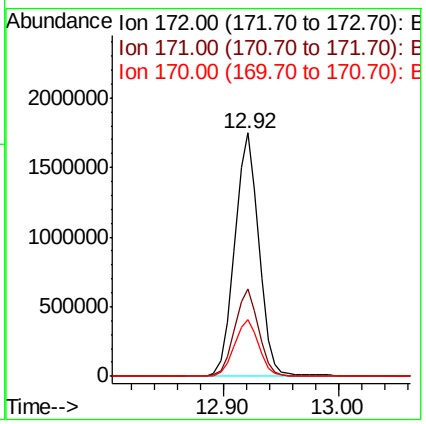


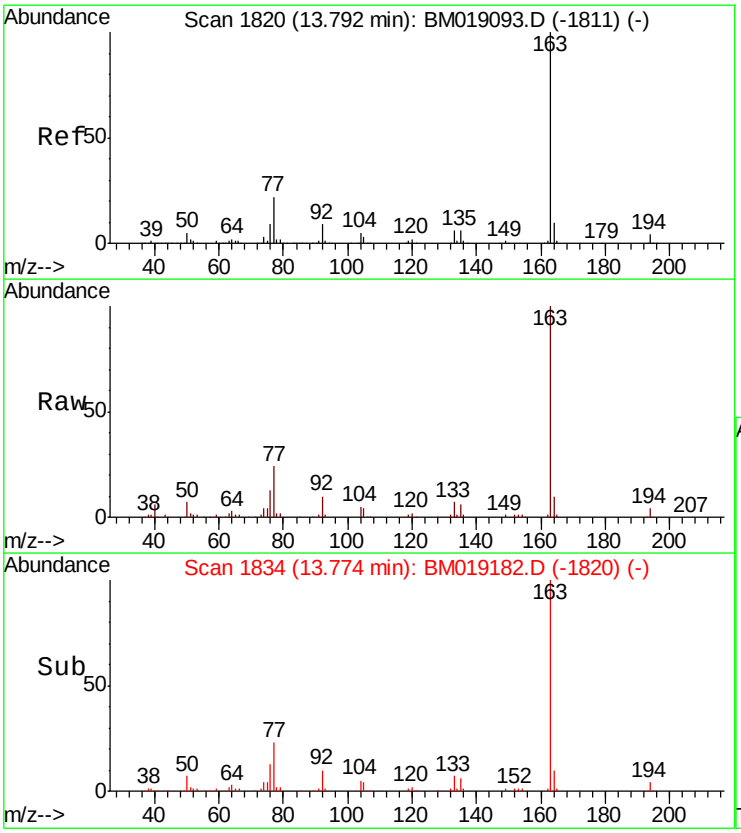
#45
2-Fluorobiphenyl
Concen: 53.495 ng
RT: 12.92 min Scan# 1689
Delta R.T. -0.01 min
Lab File: BM019182.D
Acq: 15 Mar 2019 12:33

Instrument :
BNA_M
ClientSampleId :
PST-027-B116-030619

Tgt Ion:172 Resp: 2535386

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	42.8
170	23.4	18.6	28.0

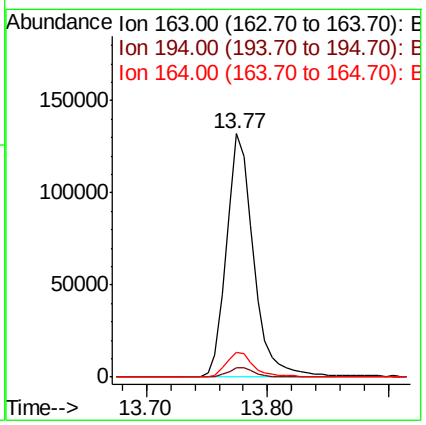


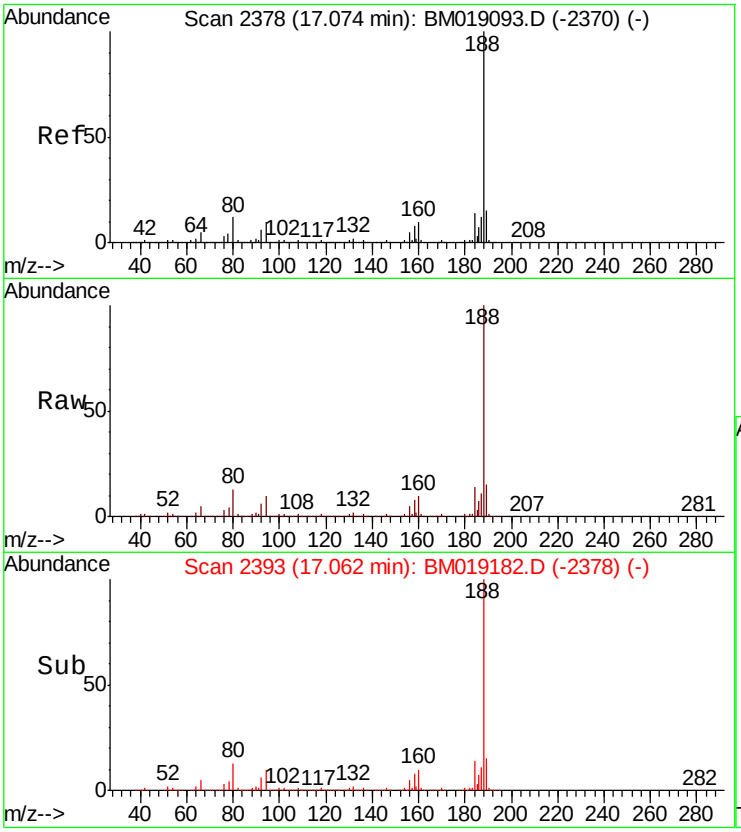


#50
Dimethylphthalate
Concen: 3.919 ng
RT: 13.77 min Scan# 1834
Delta R.T. -0.02 min
Lab File: BM019182.D
Acq: 15 Mar 2019 12:33

Tgt Ion:163 Resp: 206691

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.3	4.9
164	10.1	7.7	11.5



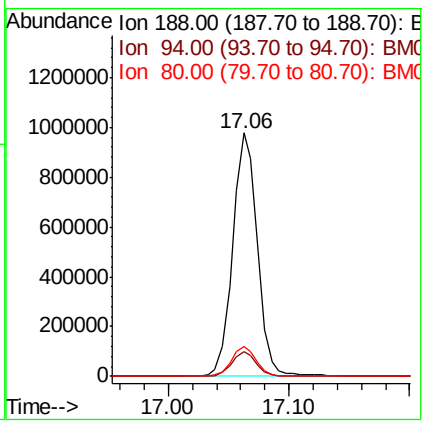


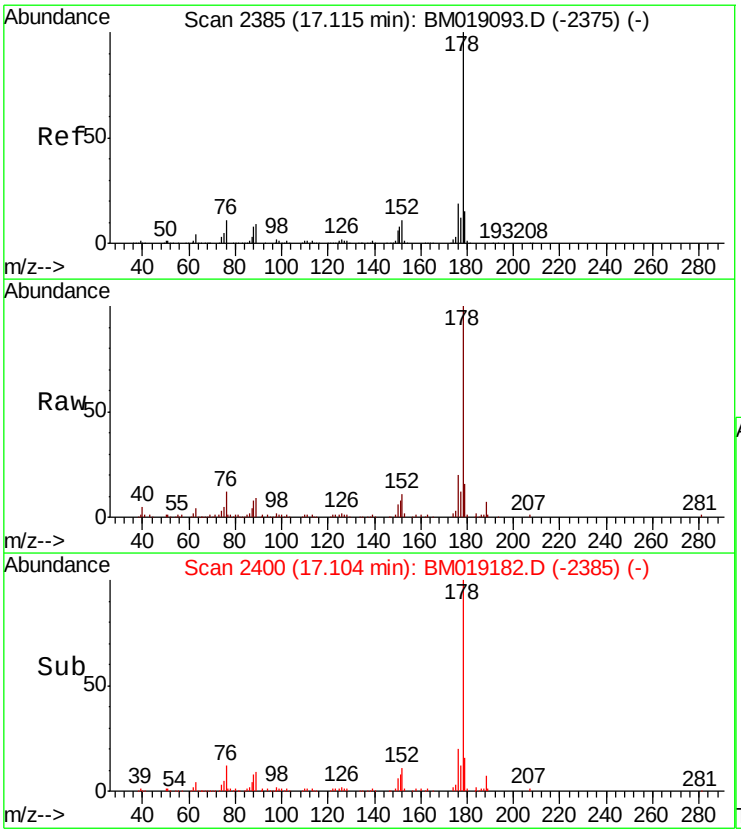
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2393
Delta R.T. -0.01 min
Lab File: BM019182.D
Acq: 15 Mar 2019 12:33

Instrument :
BNA_M
ClientSampleId :
PST-027-B116-030619

Tgt Ion:188 Resp: 1388090

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.1	12.1
80	12.5	9.7	14.5

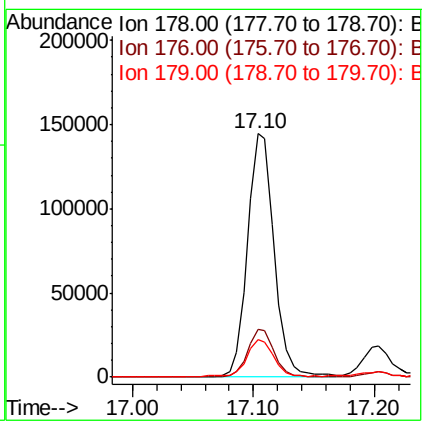


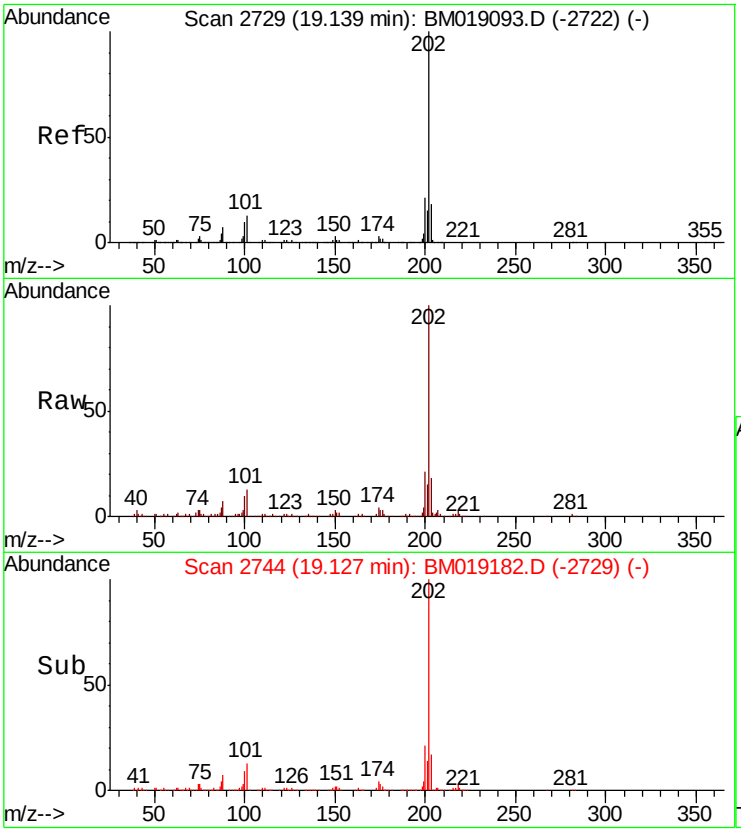


#71
Phenanthrene
Concen: 2.736 ng
RT: 17.10 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BM019182.D
Acq: 15 Mar 2019 12:33

Tgt Ion:178 Resp: 222574

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.3	22.9
179	15.7	12.2	18.2



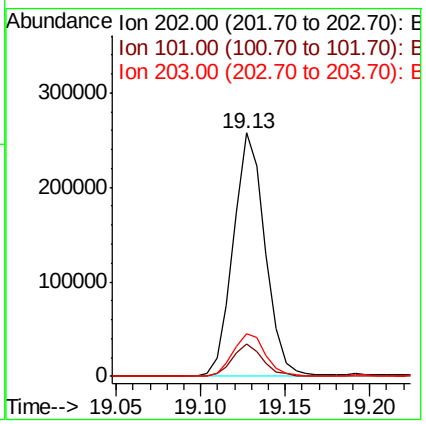


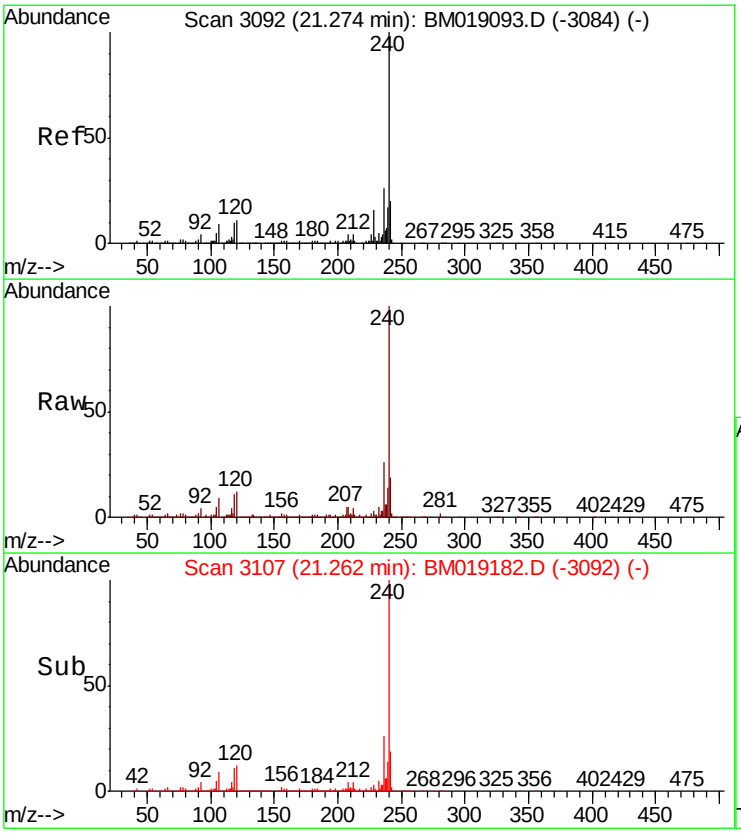
#75
Fluoranthene
Concen: 3.634 ng
RT: 19.13 min Scan# 2744
Delta R.T. -0.01 min
Lab File: BM019182.D
Acq: 15 Mar 2019 12:33

Instrument :
BNA_M
ClientSampleId :
PST-027-B116-030619

Tgt Ion:202 Resp: 339255

Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	33.0
203	17.5	0.0	37.8

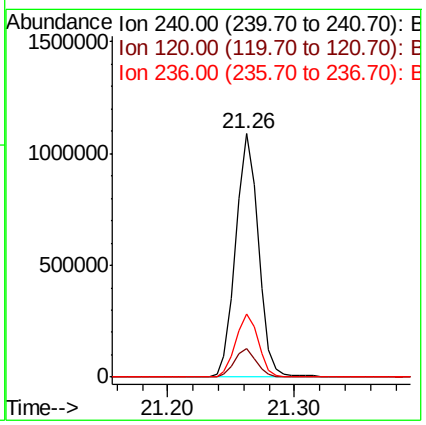


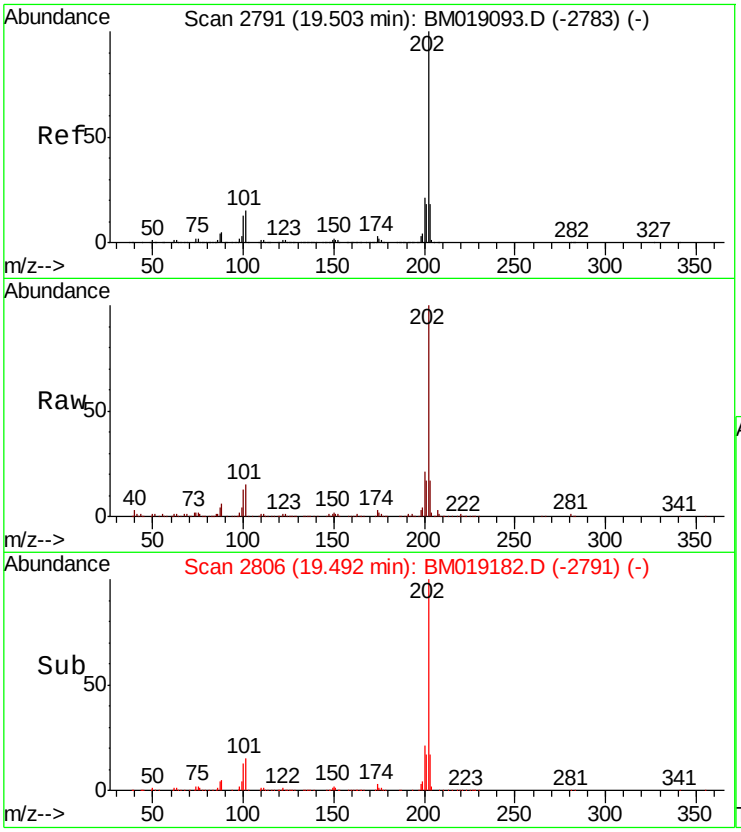


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.26 min Scan# 3107
Delta R.T. -0.01 min
Lab File: BM019182.D
Acq: 15 Mar 2019 12:33

Tgt Ion:240 Resp: 1347691

Ion	Ratio	Lower	Upper
240	100		
120	11.8	8.9	13.3
236	25.7	21.0	31.4



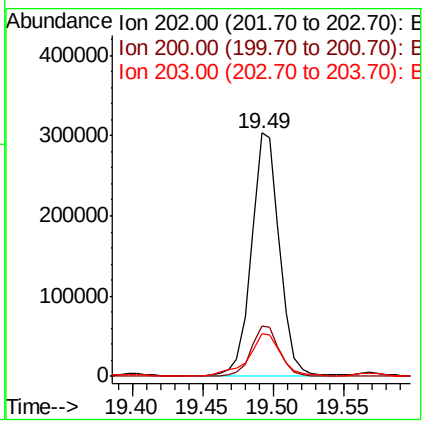


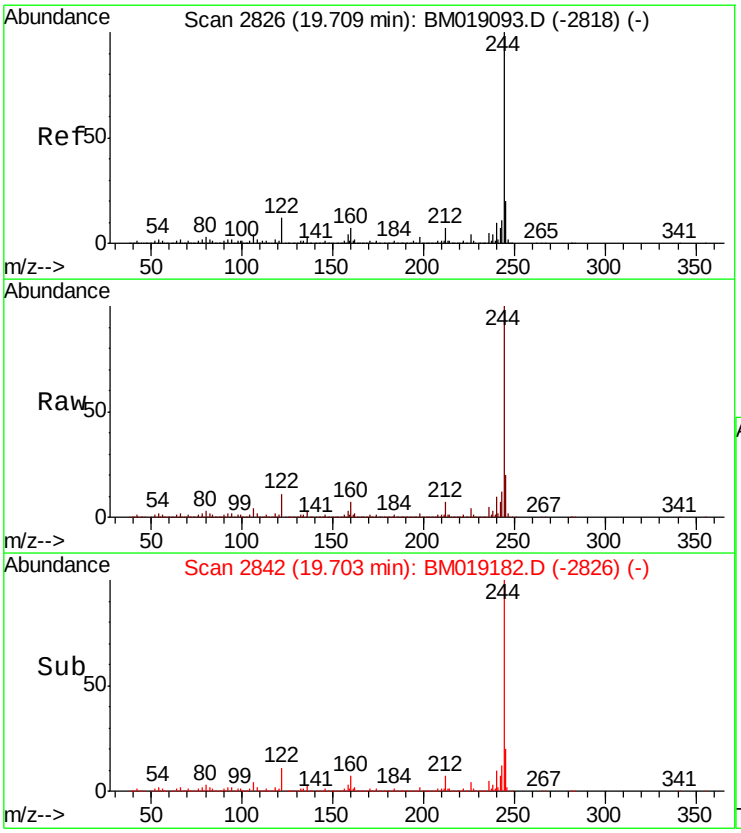
#78
Pyrene
Concen: 4.950 ng
RT: 19.49 min Scan# 2806
Delta R.T. -0.01 min
Lab File: BM019182.D
Acq: 15 Mar 2019 12:33

Instrument :
BNA_M
ClientSampleId :
PST-027-B116-030619

Tgt Ion:202 Resp: 422046

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.9	25.3
203	17.3	14.0	21.0

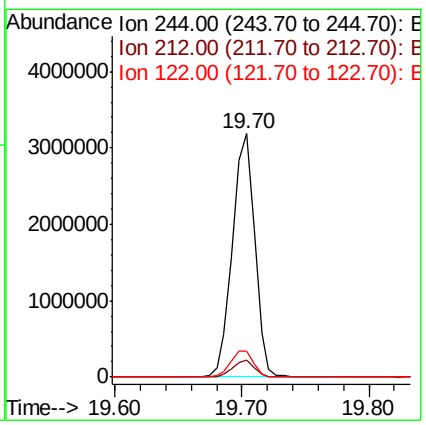


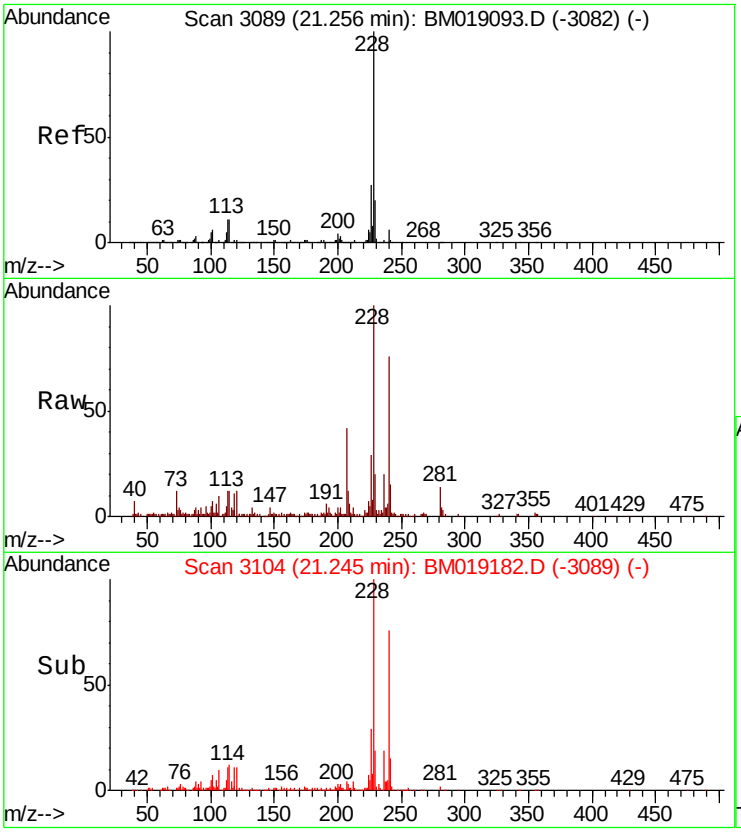


#79
Terphenyl-d14
Concen: 57.096 ng
RT: 19.70 min Scan# 2842
Delta R.T. -0.01 min
Lab File: BM019182.D
Acq: 15 Mar 2019 12:33

Tgt Ion:244 Resp: 3876002

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.2
122	10.6	9.4	14.2



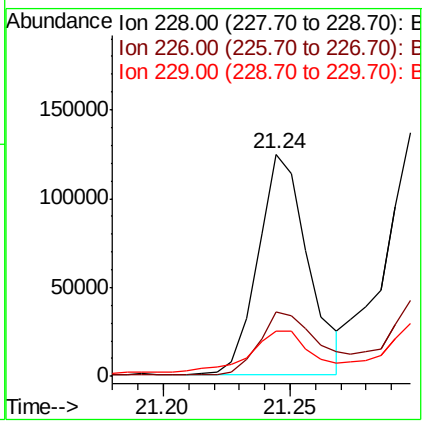


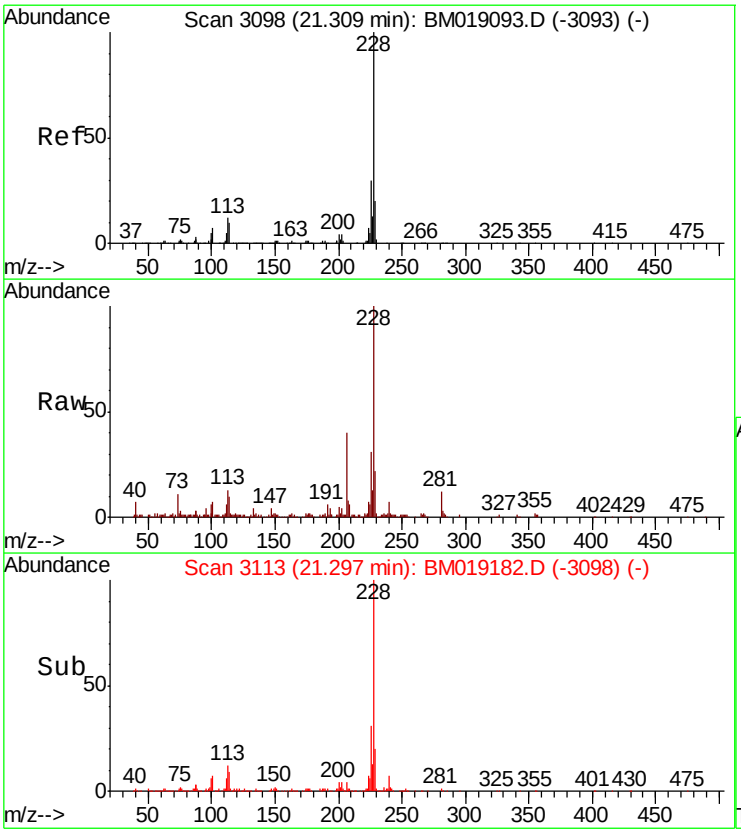
#81
Benzo(a)anthracene
Concen: 2.012 ng
RT: 21.24 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BM019182.D
Acq: 15 Mar 2019 12:33

Instrument :
BNA_M
ClientSampleId :
PST-027-B116-030619

Tgt Ion:228 Resp: 170112

Ion	Ratio	Lower	Upper
228	100		
226	28.8	21.8	32.8
229	20.4	15.8	23.6

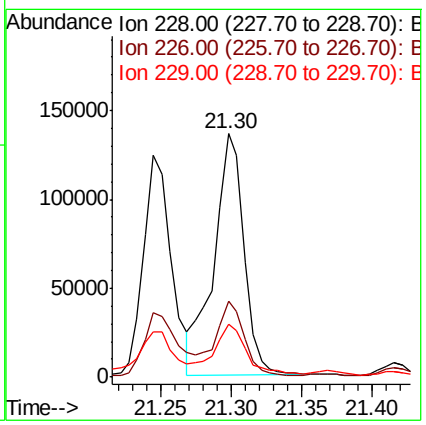


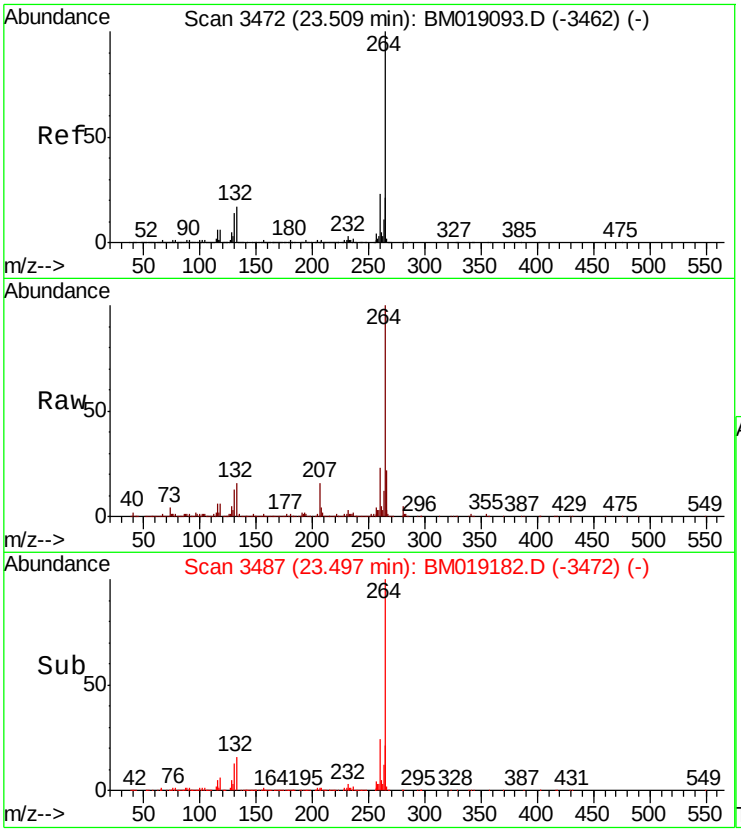


#83
Chrysene
Concen: 2.457 ng
RT: 21.30 min Scan# 3113
Delta R.T. -0.01 min
Lab File: BM019182.D
Acq: 15 Mar 2019 12:33

Tgt Ion:228 Resp: 201010

Ion	Ratio	Lower	Upper
228	100		
226	31.1	23.8	35.8
229	21.9	15.7	23.5



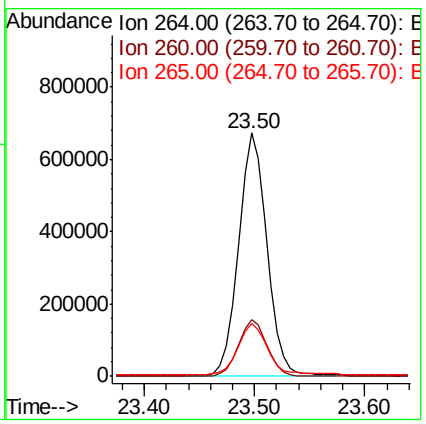


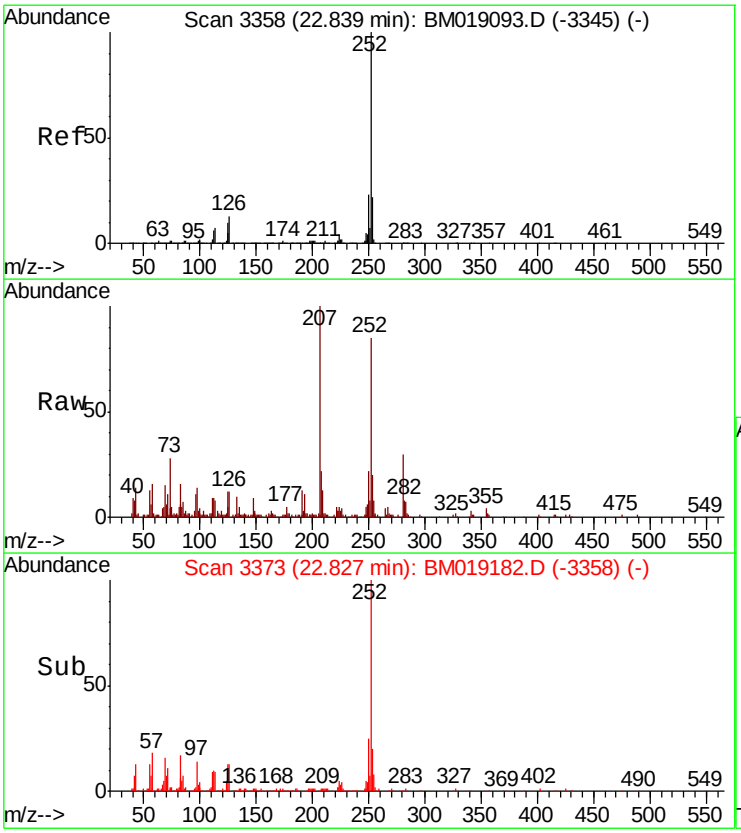
#87
Perylene-d12
Concen: 20.000 ng
RT: 23.50 min Scan# 3487
Delta R.T. -0.01 min
Lab File: BM019182.D
Acq: 15 Mar 2019 12:33

Instrument :
BNA_M
ClientSampleId :
PST-027-B116-030619

Tgt Ion:264 Resp: 1225006

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	28.0
265	21.7	17.3	25.9

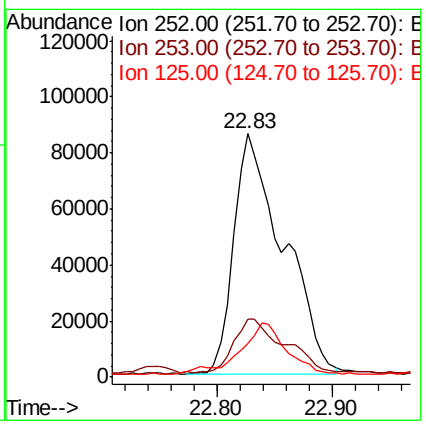


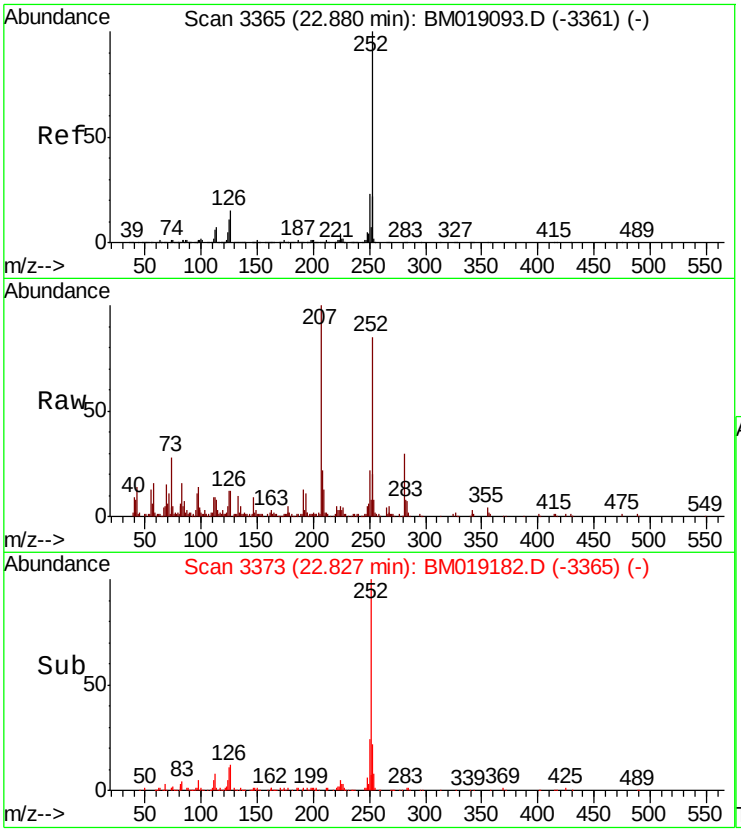


#88
Benzo(b)fluoranthene
Concen: 3.229 ng
RT: 22.83 min Scan# 3373
Delta R.T. -0.01 min
Lab File: BM019182.D
Acq: 15 Mar 2019 12:33

Tgt Ion:252 Resp: 256315

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.6	26.4
125	14.0	8.1	12.1#





#89
Benzo(k)fluoranthene
Concen: 3.482 ng
RT: 22.83 min Scan# 3373
Delta R.T. -0.05 min
Lab File: BM019182.D
Acq: 15 Mar 2019 12:33

Instrument :
BNA_M
ClientSampleId :
PST-027-B116-030619

Tgt Ion:252 Resp: 254219

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.6	26.4
125	14.0	8.8	13.2#