Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP101019\
Data File : BP000617.D
Acq On : 10 Oct 2019 15:39
Operator : JU
Sample : K5292-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 20190855-AMENDED-COMP-B

Quant Time: Oct 11 02:24:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 01 18:03:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	266502	20.00	ng		-0.02
21) Naphthalene-d8	8.03	136	966242	20.00	ng		-0.02
39) Acenaphthene-d10	9.80	164	523580	20.00	ng		-0.02
64) Phenanthrene-d10	11.30	188	939803	20.00	ng		-0.01
76) Chrysene-d12	13.97	240	780849	20.00	ng		-0.01
87) Perylene-d12	15.45	264	851414	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	237076	14.30	ng		-0.02
7) Phenol-d6	6.39	99	676174	33.84	ng		-0.02
23) Nitrobenzene-d5	7.31	82	861881	54.48	ng		-0.02
42) 2,4,6-Tribromophenol	10.59	330	31766	5.69	ng		-0.02
45) 2-Fluorobiphenyl	9.12	172	1665518	51.47	ng		-0.02
79) Terphenyl-d14	12.90	244	1971309	51.12	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.40	94	74856	3.659	ng		97
25) Isophorone	7.31	82	851313	30.319	ng	#	62
35) Caprolactam	8.47	113	10744	2.306	ng	#	1
41) Hexachlorocyclopentadiene	8.92	237	16	7.299	ng	#	48
50) Dimethylphthalate	9.51	163	234670	6.450	ng	#	97
75) Fluoranthene	12.52	202	119336	2.251	ng		97
78) Pyrene	12.75	202	163759	3.041	ng		97
81) Benzo(a)anthracene	13.96	228	112718	2.366	ng	#	85
83) Chrysene	13.99	228	108163	2.313	ng	#	87
88) Benzo(b)fluoranthene	15.02	252	107514	2.226	ng	#	79
89) Benzo(k)fluoranthene	15.02	252	107514	2.338	ng	#	82

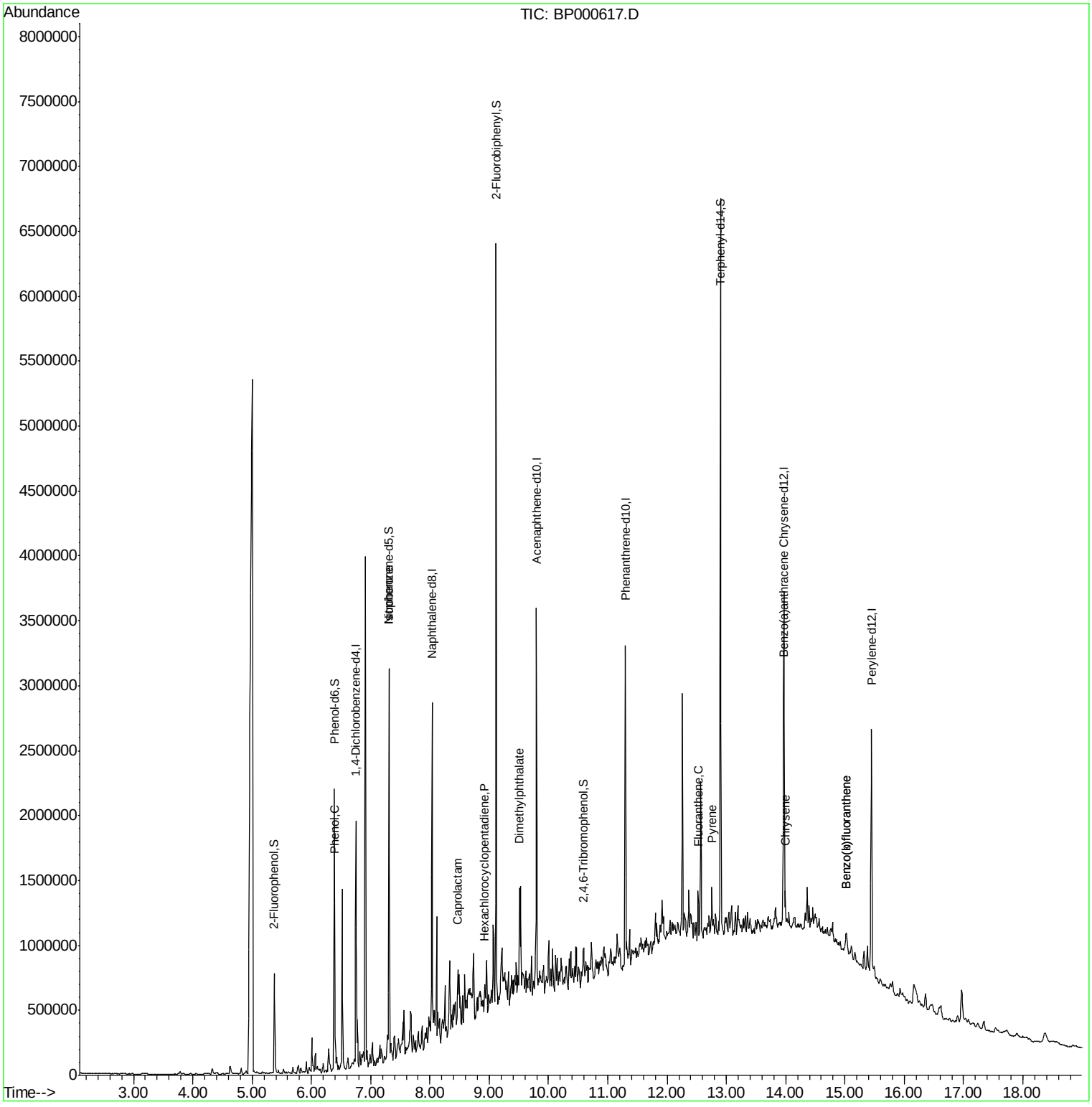
(#) = qualifier out of range (m) = manual integration (+) = signals summed

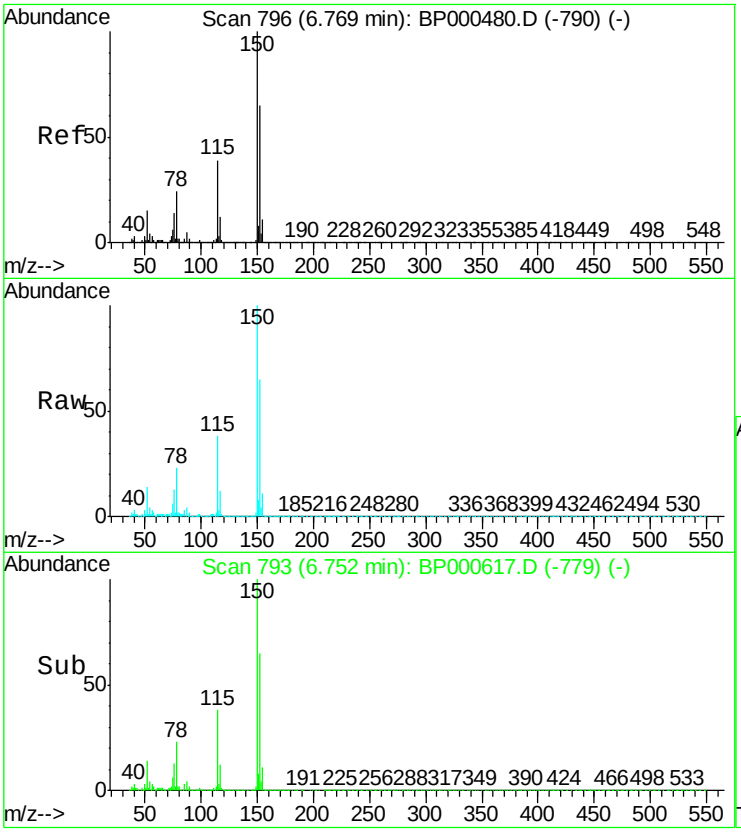
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP101019\
Data File : BP000617.D
Acq On : 10 Oct 2019 15:39
Operator : JU
Sample : K5292-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
20190855-AMENDED-COMP-B

Quant Time: Oct 11 02:24:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 01 18:03:42 2019
Response via : Initial Calibration



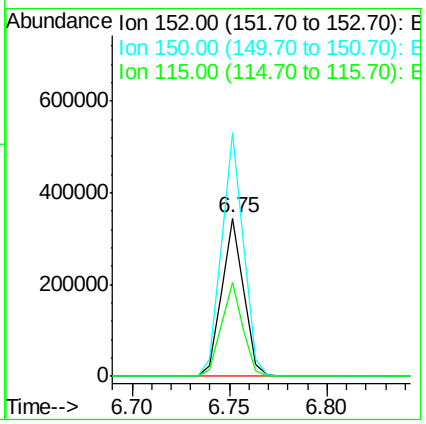


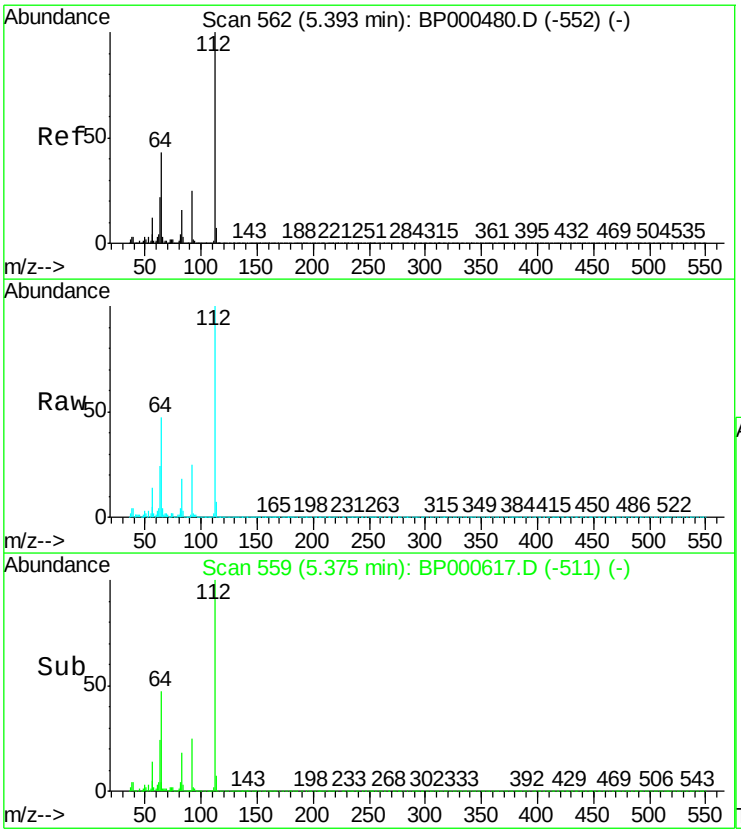
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.02 min
Lab File: BP000617.D
Acq: 10 Oct 2019 15:39

Instrument :
BNA_P
ClientSampleId :
20190855-AMENDED-COMP-B

Tgt Ion:152 Resp: 266502

Ion	Ratio	Lower	Upper
152	100		
150	153.9	124.1	186.1
115	59.1	48.7	73.1

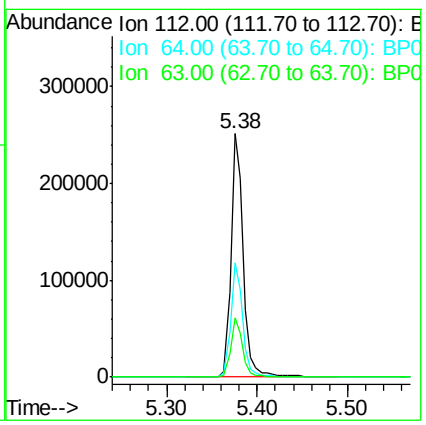


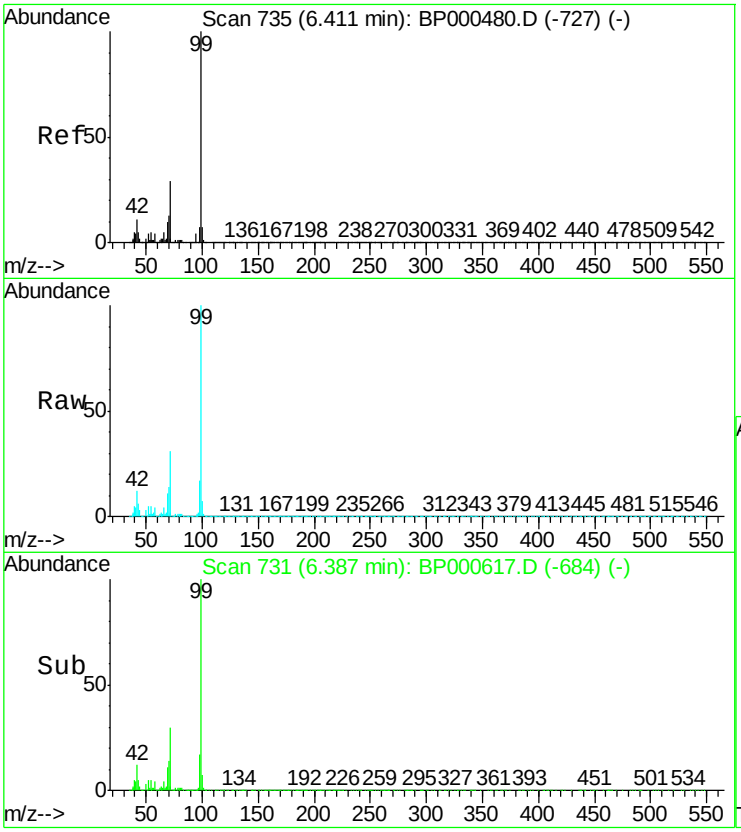


#5
2-Fluorophenol
Concen: 14.300 ng
RT: 5.38 min Scan# 559
Delta R.T. -0.02 min
Lab File: BP000617.D
Acq: 10 Oct 2019 15:39

Tgt Ion:112 Resp: 237076

Ion	Ratio	Lower	Upper
112	100		
64	46.7	34.2	51.4
63	24.4	17.9	26.9



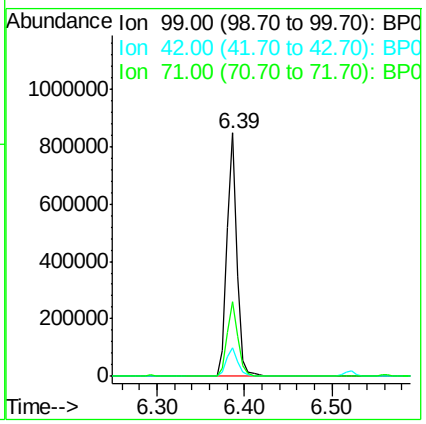


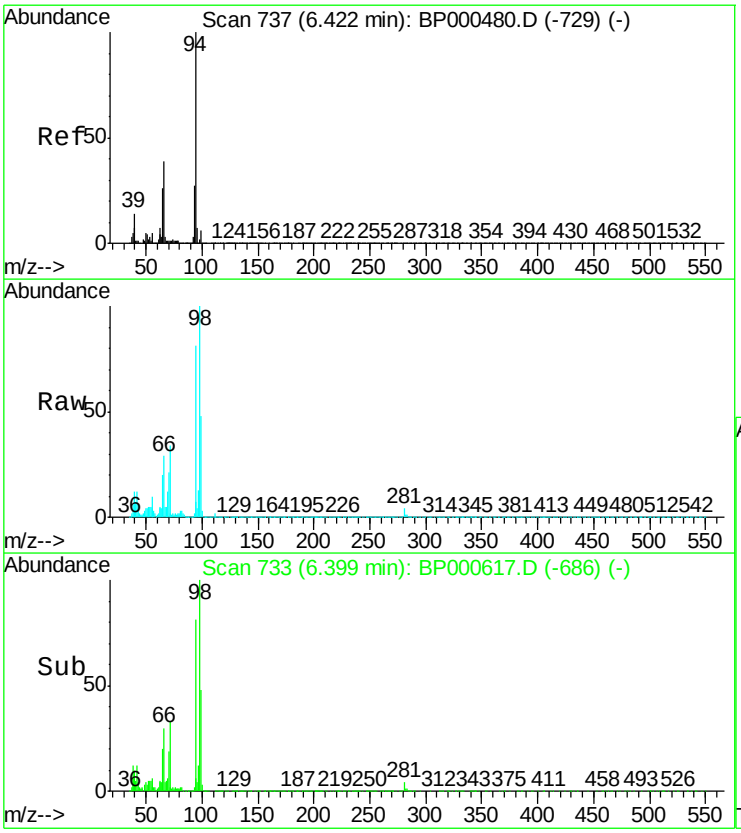
#7
Phenol-d6
Concen: 33.845 ng
RT: 6.39 min Scan# 731
Delta R.T. -0.02 min
Lab File: BP000617.D
Acq: 10 Oct 2019 15:39

Instrument :
BNA_P
ClientSampleId :
20190855-AMENDED-COMP-B

Tgt Ion: 99 Resp: 676174

Ion	Ratio	Lower	Upper
99	100		
42	11.6	8.6	12.8
71	30.5	23.0	34.4

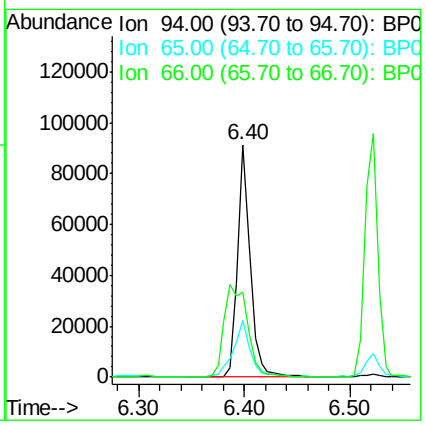


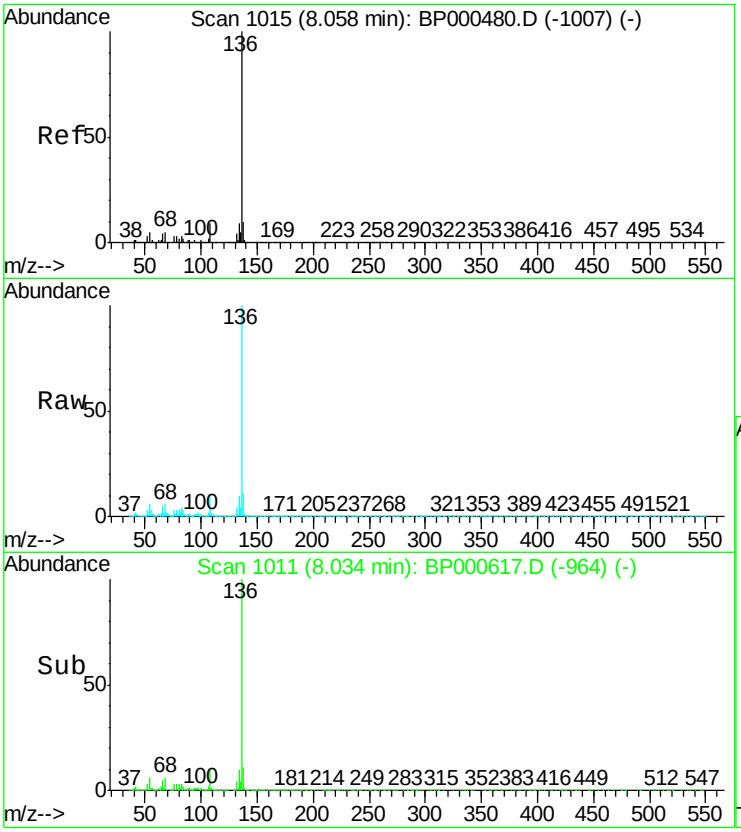


#10
Phenol
Concen: 3.659 ng
RT: 6.40 min Scan# 733
Delta R.T. -0.02 min
Lab File: BP000617.D
Acq: 10 Oct 2019 15:39

Tgt Ion: 94 Resp: 74856

Ion	Ratio	Lower	Upper
94	100		
65	24.7	5.9	45.9
66	36.5	18.8	58.8



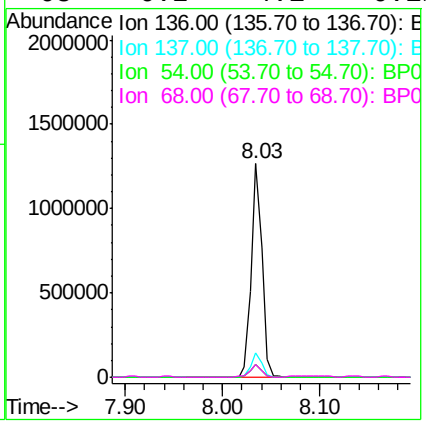


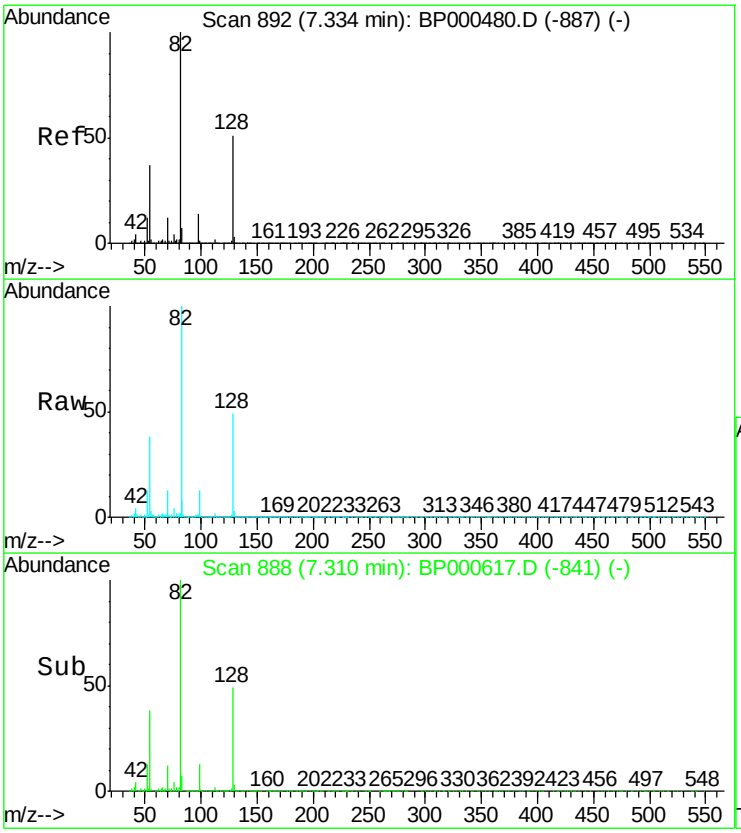
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BP000617.D
Acq: 10 Oct 2019 15:39

Instrument :
BNA_P
ClientSampleId :
20190855-AMENDED-COMP-B

Tgt Ion:136 Resp: 966242

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.2	12.4
54	6.1	4.1	6.1
68	6.2	4.1	6.1#

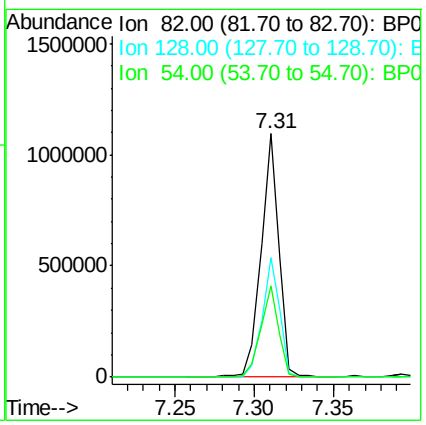


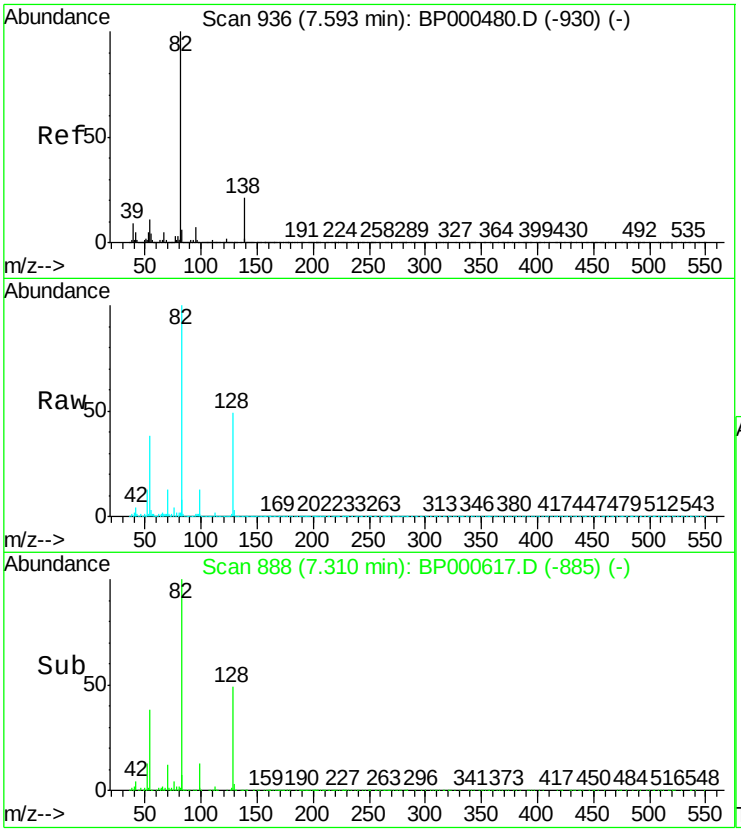


#23
Nitrobenzene-d5
Concen: 54.479 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BP000617.D
Acq: 10 Oct 2019 15:39

Tgt Ion: 82 Resp: 861881

Ion	Ratio	Lower	Upper
82	100		
128	48.9	40.9	61.3
54	37.7	29.4	44.2



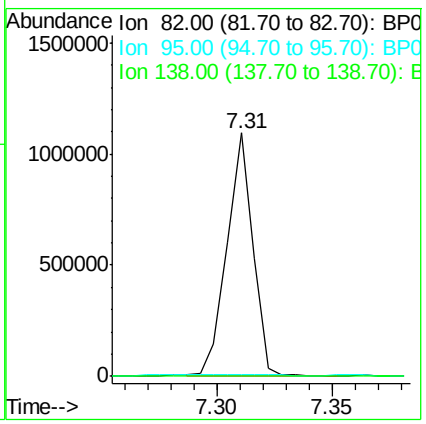


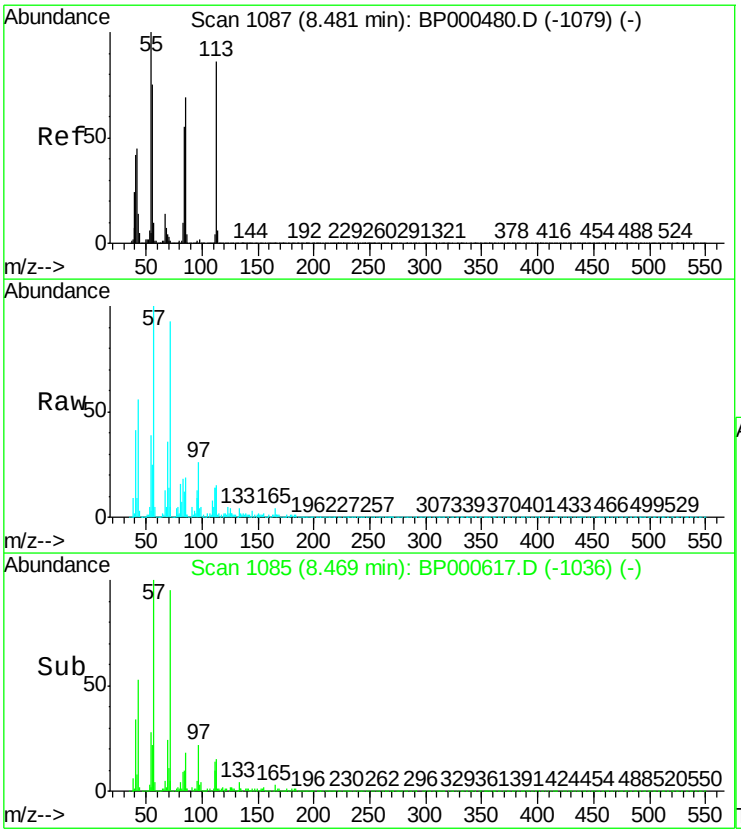
#25
Isophorone
Concen: 30.319 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.28 min
Lab File: BP000617.D
Acq: 10 Oct 2019 15:39

Instrument :
BNA_P
ClientSampleId :
20190855-AMENDED-COMP-B

Tgt Ion: 82 Resp: 851313

Ion	Ratio	Lower	Upper
82	100		
95	0.6	5.8	8.6#
138	0.0	17.0	25.4#

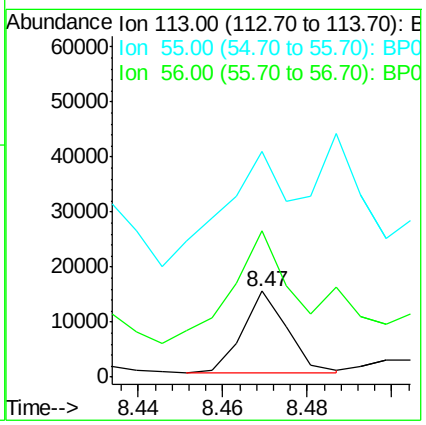


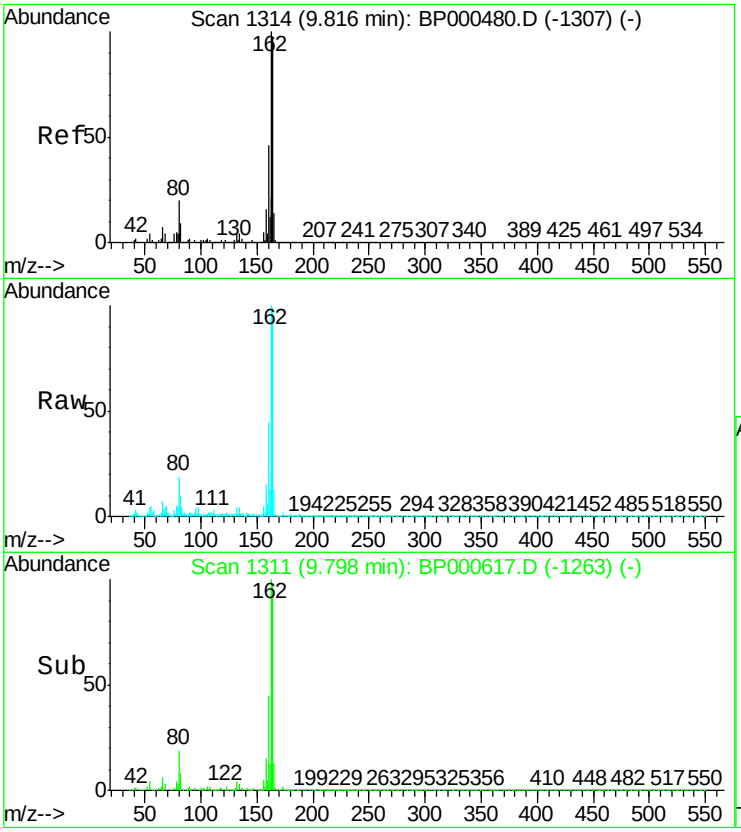


#35
Caprolactam
Concen: 2.306 ng
RT: 8.47 min Scan# 1085
Delta R.T. -0.01 min
Lab File: BP000617.D
Acq: 10 Oct 2019 15:39

Tgt Ion:113 Resp: 10744

Ion	Ratio	Lower	Upper
113	100		
55	262.3	95.9	135.9#
56	169.6	67.2	107.2#



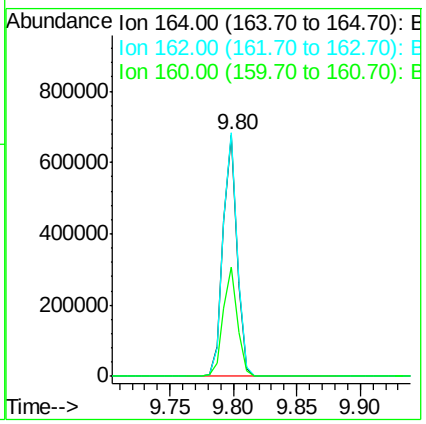


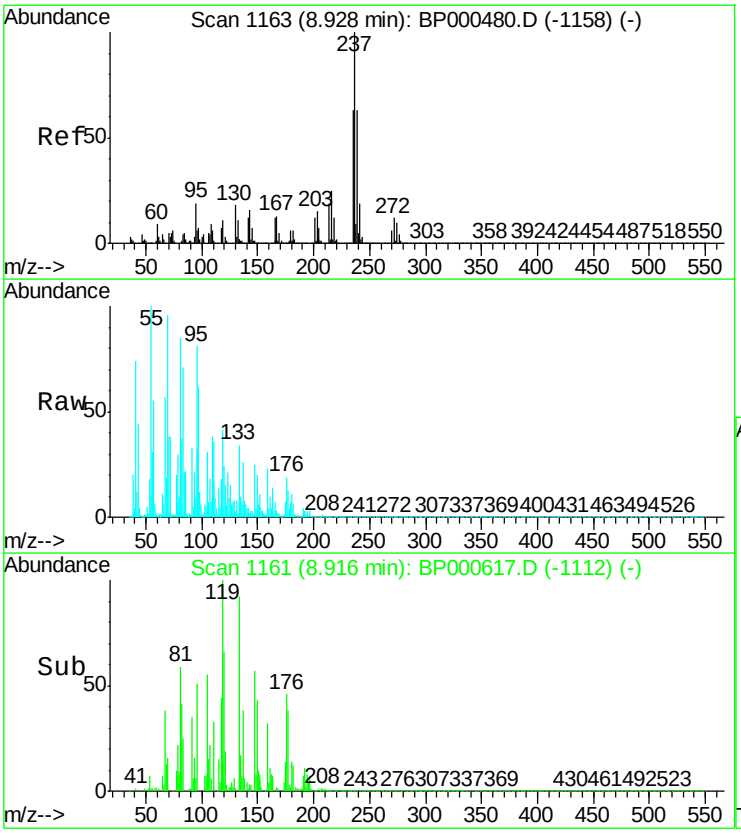
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BP000617.D
Acq: 10 Oct 2019 15:39

Instrument :
BNA_P
ClientSampleId :
20190855-AMENDED-COMP-B

Tgt Ion:164 Resp: 523580

Ion	Ratio	Lower	Upper
164	100		
162	100.9	82.2	123.2
160	45.1	37.6	56.4

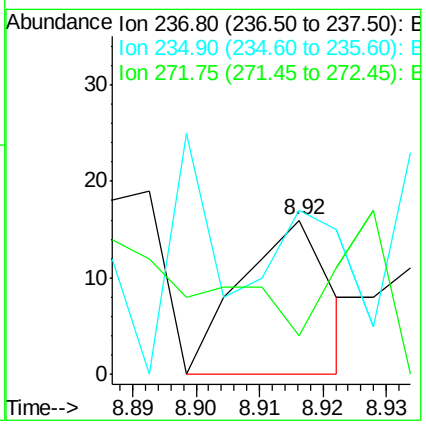


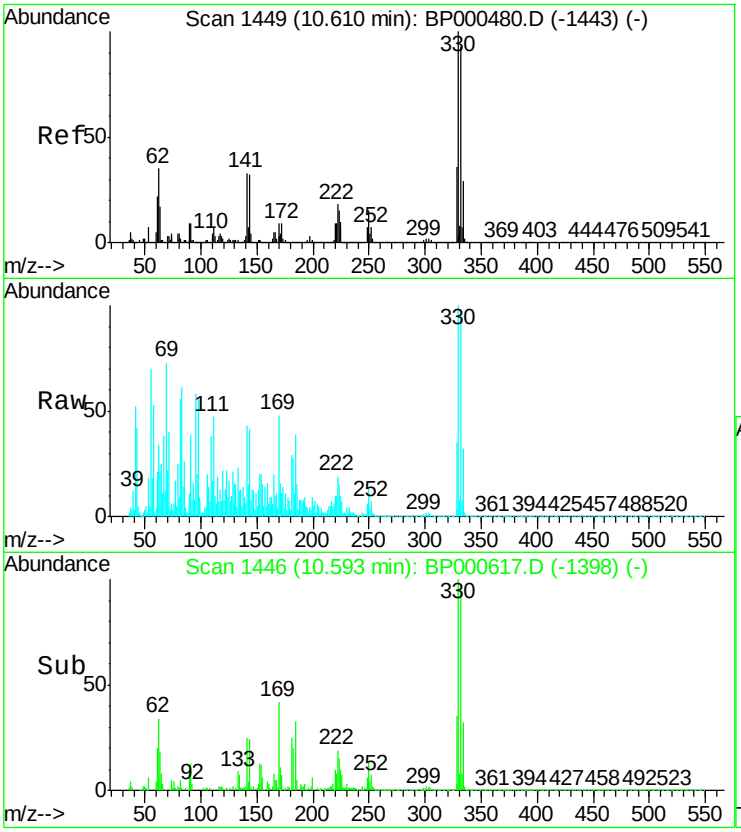


#41
Hexachlorocyclopentadiene
Concen: 7.299 ng
RT: 8.92 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BP000617.D
Acq: 10 Oct 2019 15:39

Tgt Ion:237 Resp: 16

Ion	Ratio	Lower	Upper
237	100		
235	106.3	42.9	82.9#
272	25.0	0.0	32.4



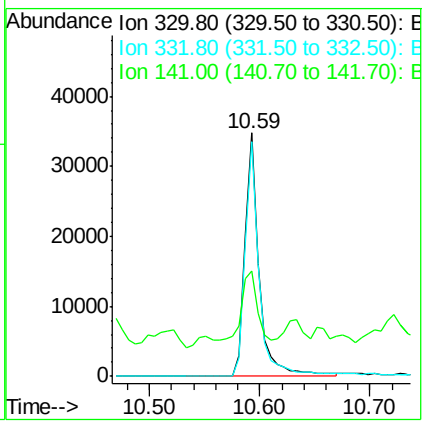


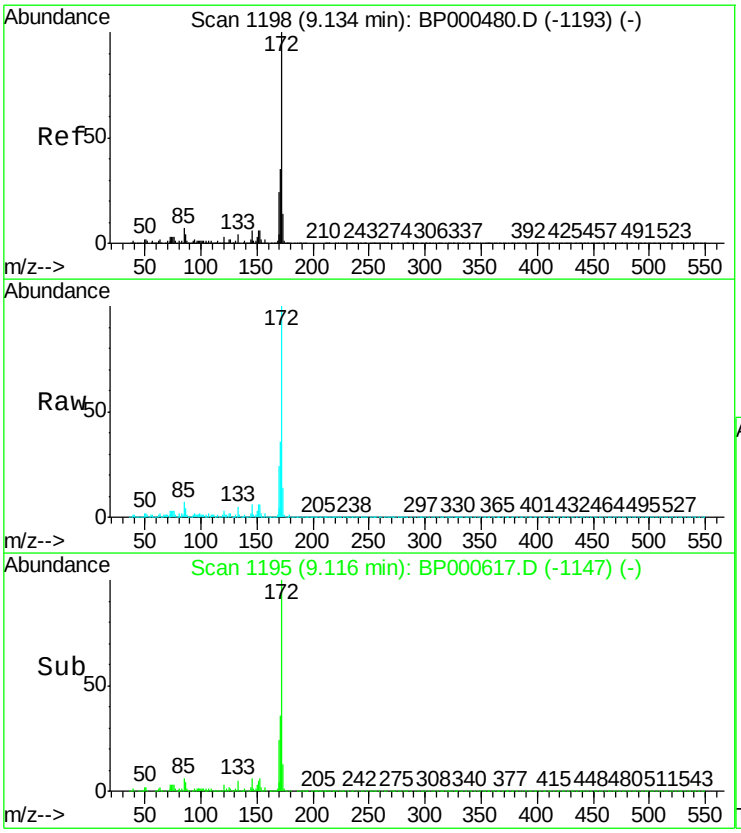
#42
2,4,6-Tribromophenol
Concen: 5.693 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BP000617.D
Acq: 10 Oct 2019 15:39

Instrument :
BNA_P
ClientSampleId :
20190855-AMENDED-COMP-B

Tgt Ion:330 Resp: 31766

Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.1	115.7
141	29.8	26.0	39.0

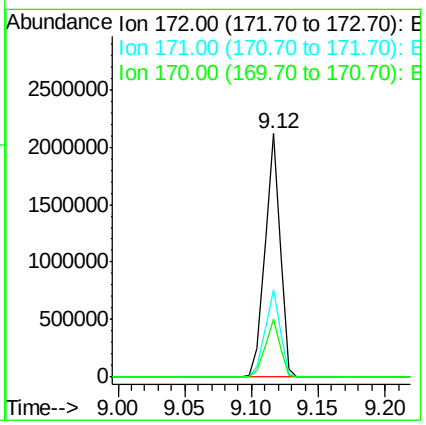


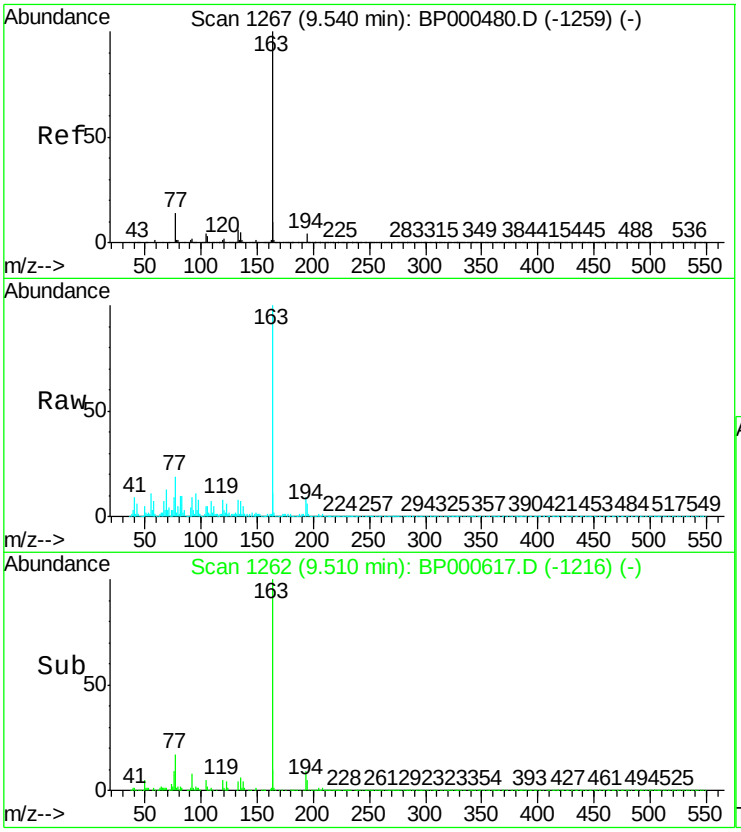


#45
2-Fluorobiphenyl
Concen: 51.469 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BP000617.D
Acq: 10 Oct 2019 15:39

Tgt Ion:172 Resp: 1665518

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.4	42.6
170	23.8	19.1	28.7



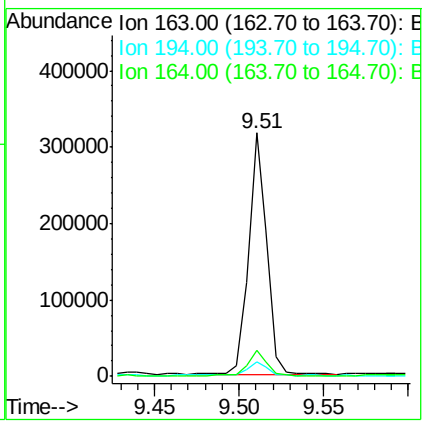


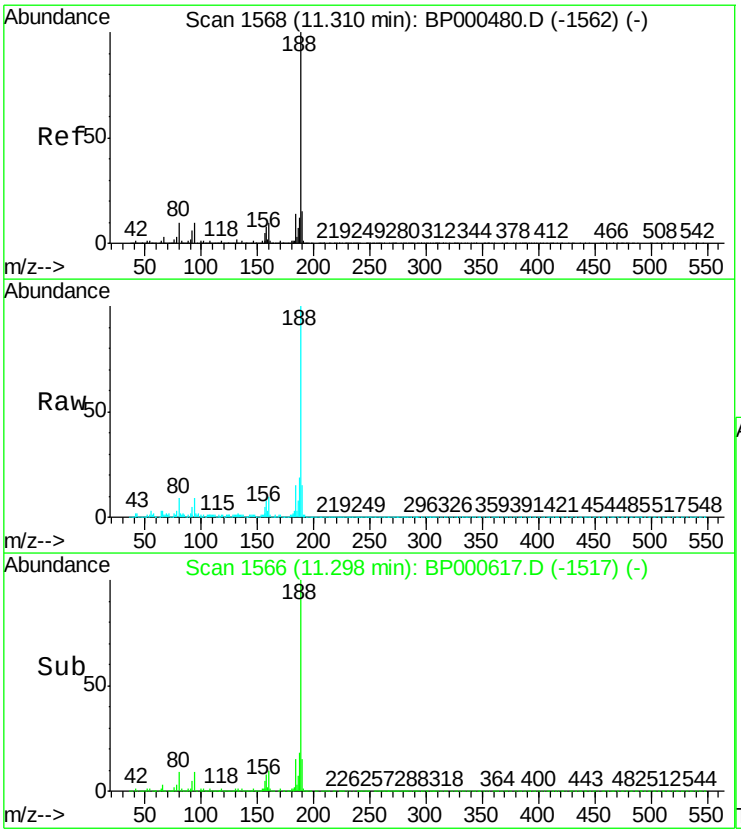
#50
Dimethylphthalate
Concen: 6.450 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BP000617.D
Acq: 10 Oct 2019 15:39

Instrument :
BNA_P
ClientSampleId :
20190855-AMENDED-COMP-B

Tgt Ion:163 Resp: 234670

Ion	Ratio	Lower	Upper
163	100		
194	6.1	3.4	5.2#
164	10.6	8.0	12.0

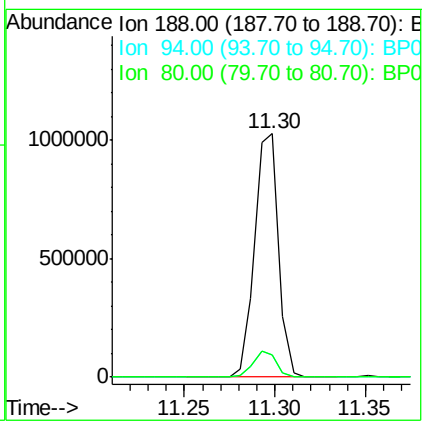


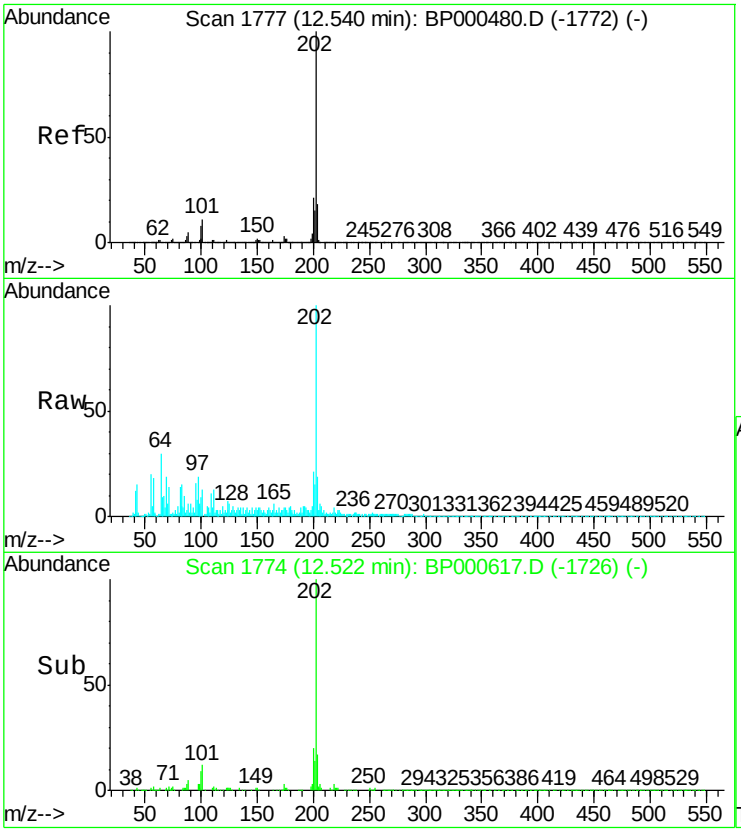


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BP000617.D
Acq: 10 Oct 2019 15:39

Tgt Ion:188 Resp: 939803

Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.2	12.2
80	9.0	8.3	12.5



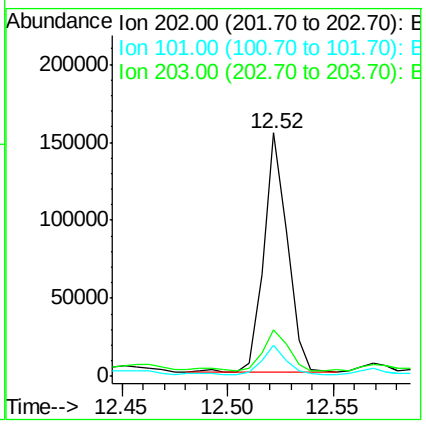


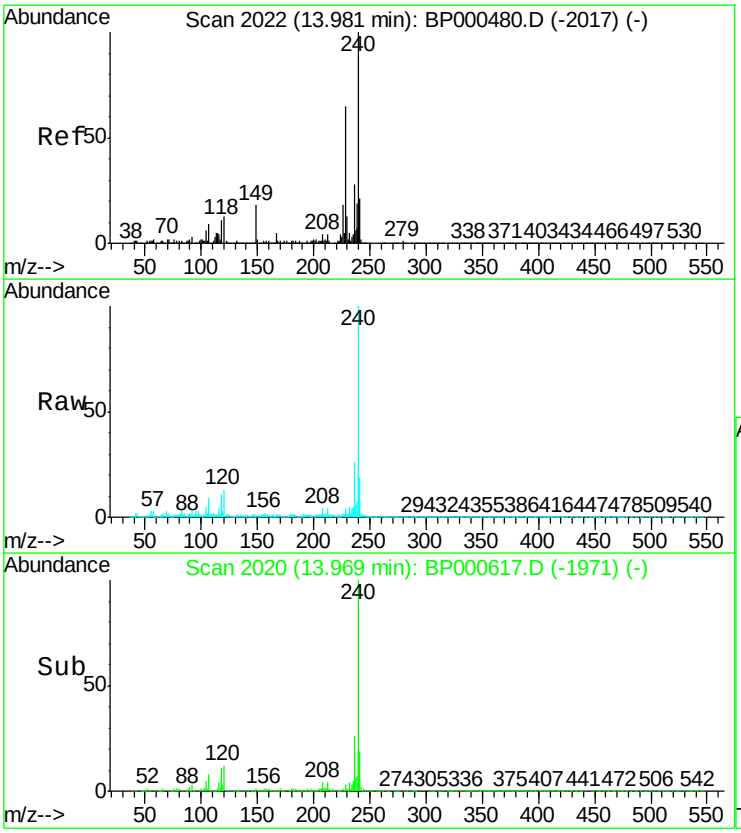
#75
Fluoranthene
Concen: 2.251 ng
RT: 12.52 min Scan# 1774
Delta R.T. -0.02 min
Lab File: BP000617.D
Acq: 10 Oct 2019 15:39

Instrument :
BNA_P
ClientSampleId :
20190855-AMENDED-COMP-B

Tgt Ion:202 Resp: 119336

Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	31.3
203	19.3	0.0	38.1

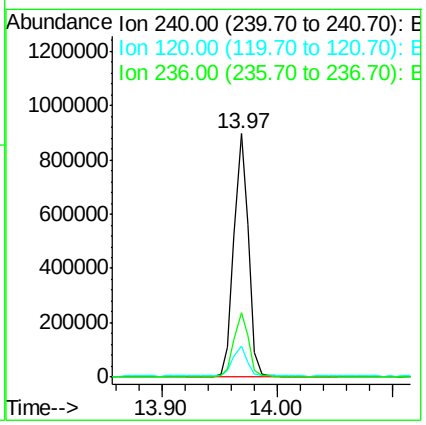


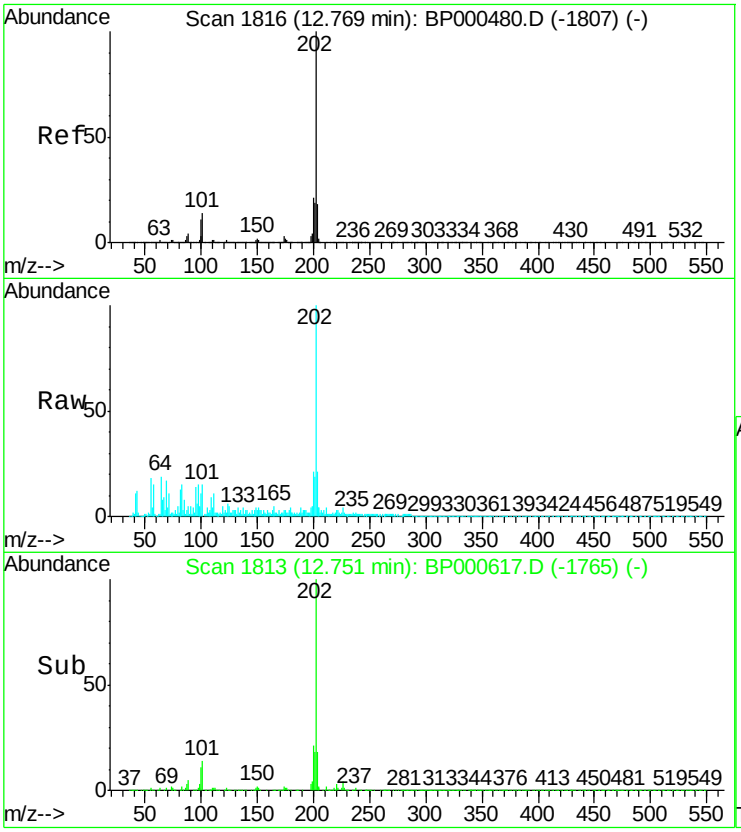


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BP000617.D
Acq: 10 Oct 2019 15:39

Tgt Ion:240 Resp: 780849

Ion	Ratio	Lower	Upper
240	100		
120	12.5	10.1	15.1
236	26.2	22.7	34.1



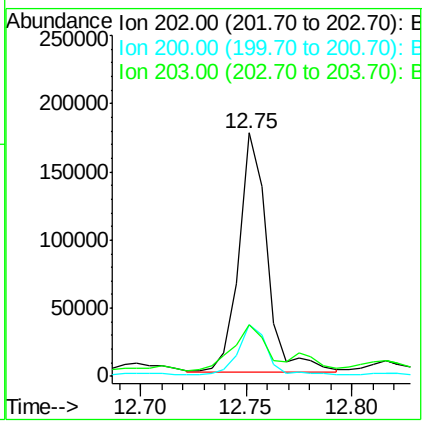


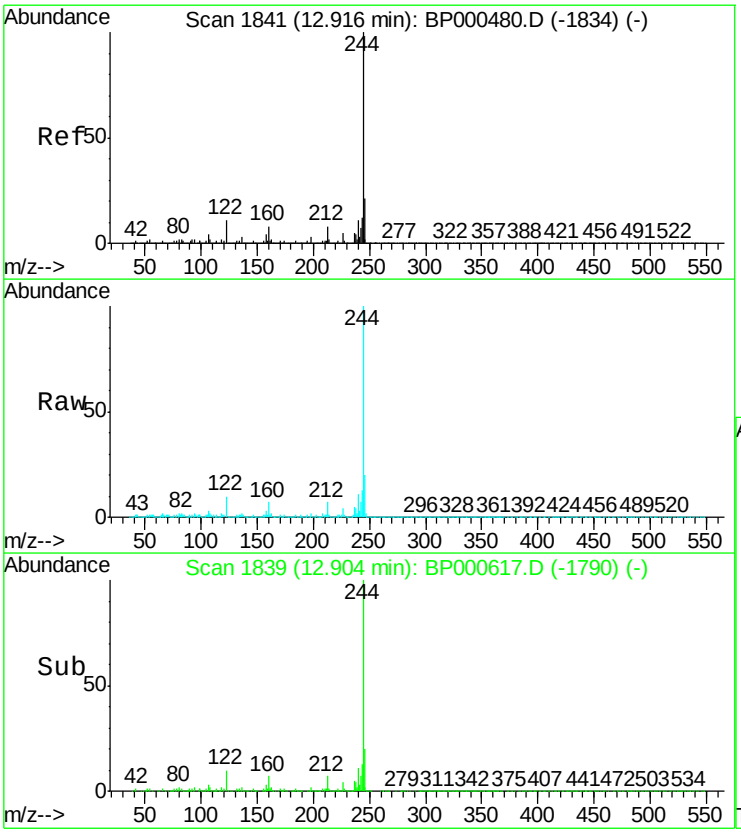
#78
Pyrene
Concen: 3.041 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.02 min
Lab File: BP000617.D
Acq: 10 Oct 2019 15:39

Instrument :
BNA_P
ClientSampleId :
20190855-AMENDED-COMP-B

Tgt Ion:202 Resp: 163759

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.1	25.7
203	21.0	14.6	21.8

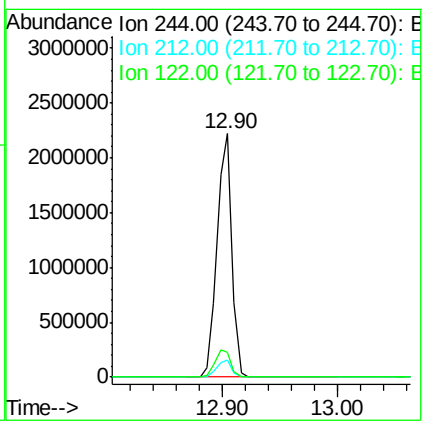


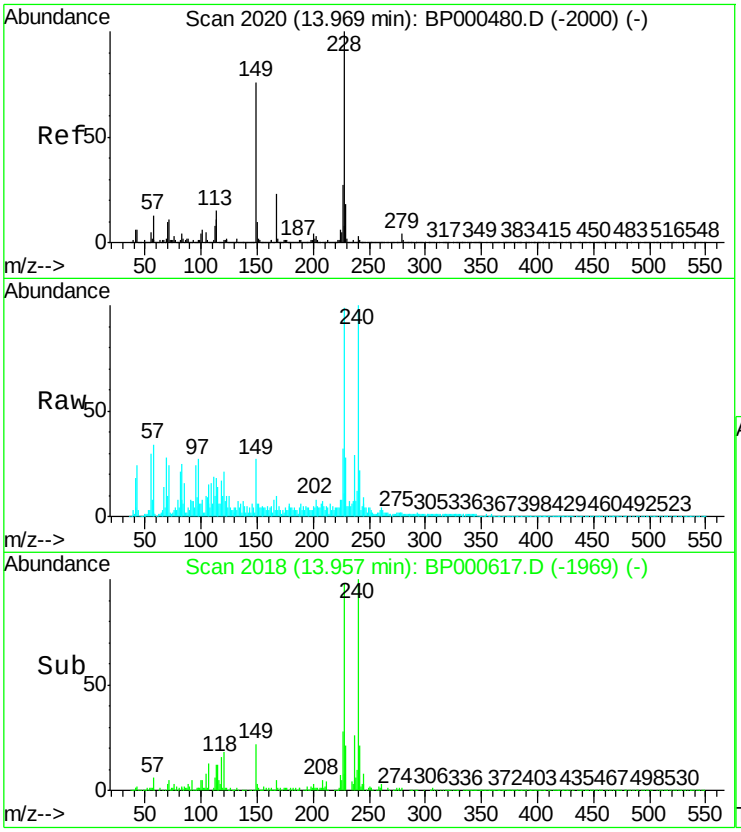


#79
Terphenyl-d14
Concen: 51.116 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BP000617.D
Acq: 10 Oct 2019 15:39

Tgt Ion:244 Resp: 1971309

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	10.3	8.9	13.3



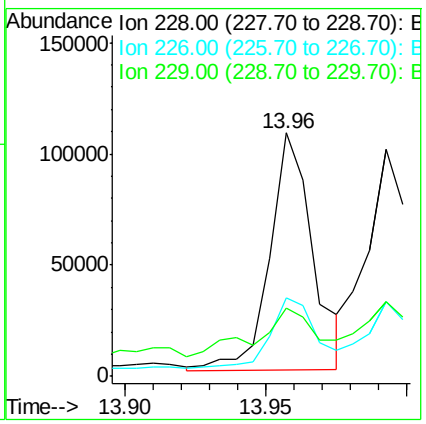


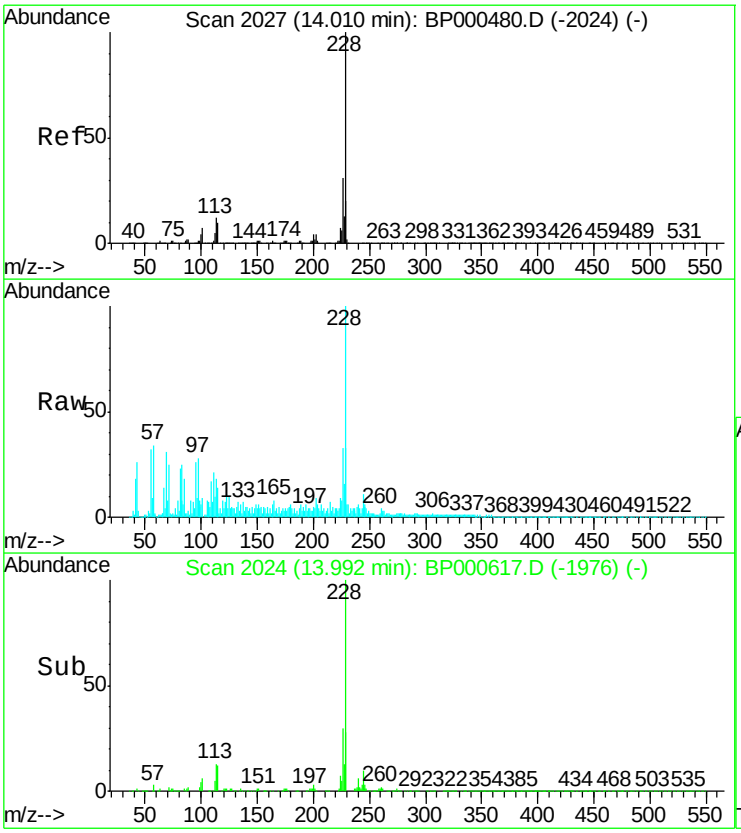
#81
Benzo(a)anthracene
Concen: 2.366 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BP000617.D
Acq: 10 Oct 2019 15:39

Instrument :
BNA_P
ClientSampleId :
20190855-AMENDED-COMP-B

Tgt Ion:228 Resp: 112718

Ion	Ratio	Lower	Upper
228	100		
226	32.3	21.4	32.2#
229	28.0	14.7	22.1#

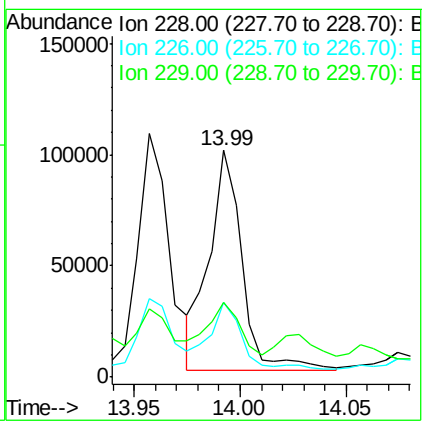


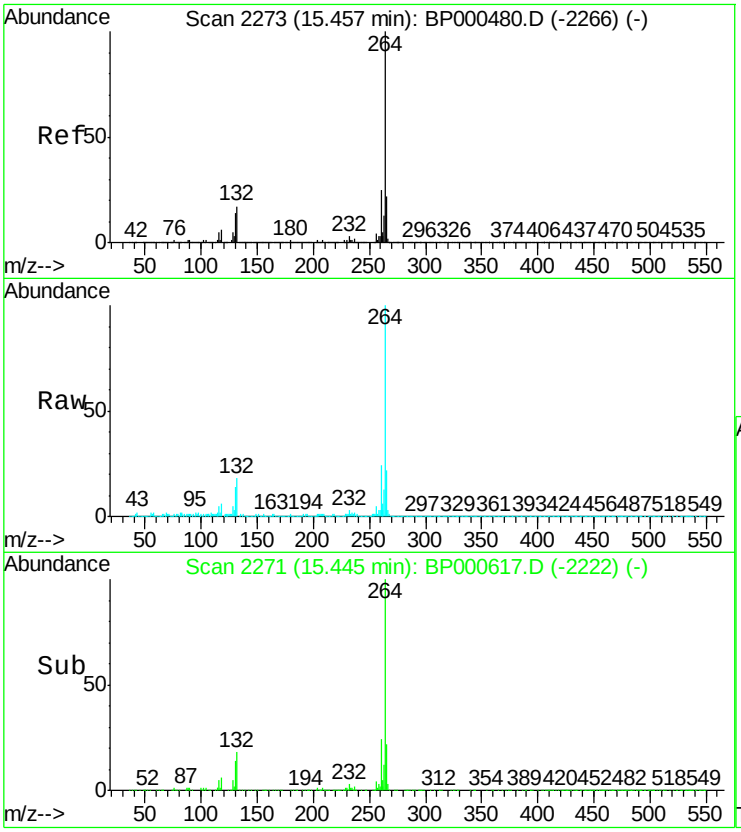


#83
Chrysene
Concen: 2.313 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.02 min
Lab File: BP000617.D
Acq: 10 Oct 2019 15:39

Tgt Ion:228 Resp: 108163

Ion	Ratio	Lower	Upper
228	100		
226	32.8	24.7	37.1
229	32.7	16.3	24.5#



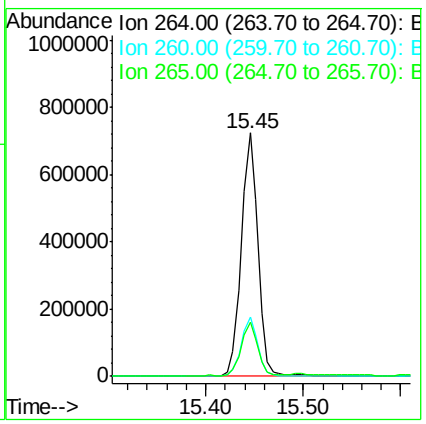


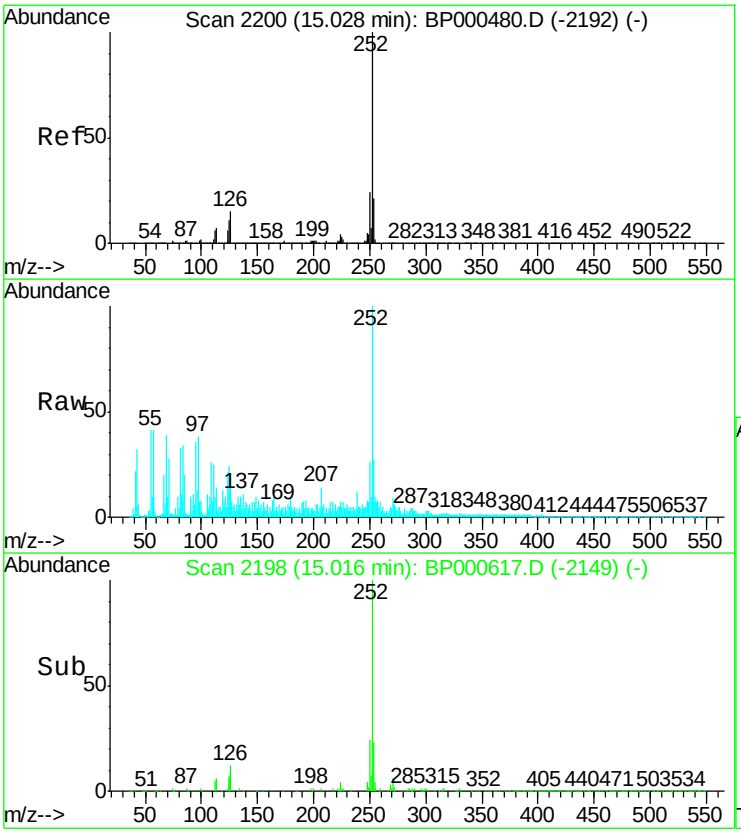
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BP000617.D
Acq: 10 Oct 2019 15:39

Instrument :
BNA_P
ClientSampleId :
20190855-AMENDED-COMP-B

Tgt Ion:264 Resp: 851414

Ion	Ratio	Lower	Upper
264	100		
260	24.3	20.3	30.5
265	22.1	18.0	27.0

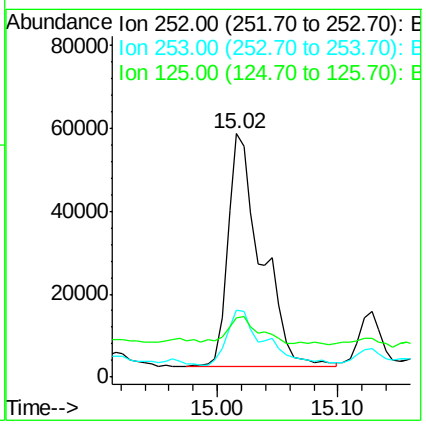


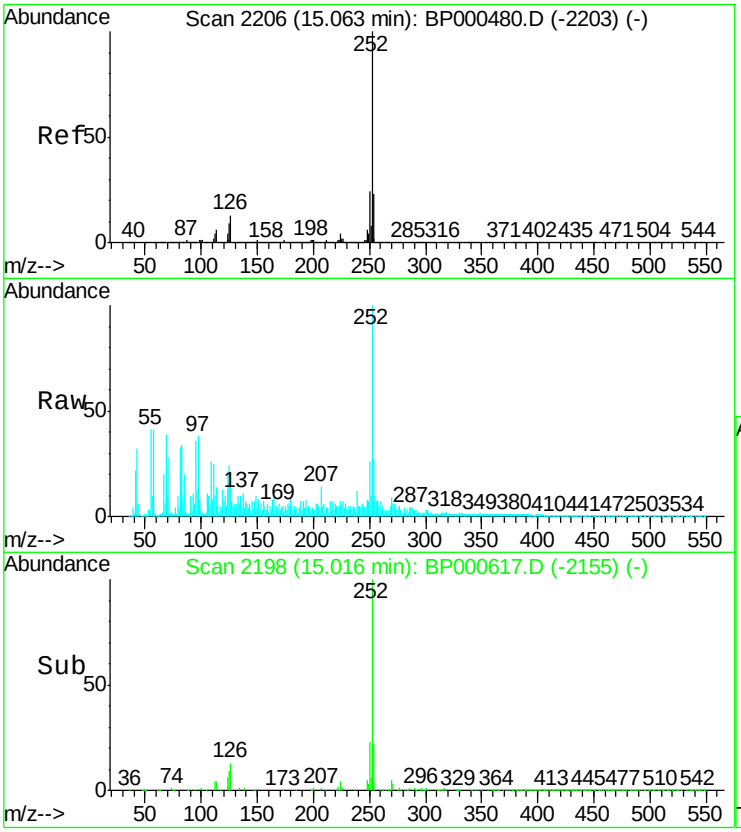


#88
Benzo(b)fluoranthene
Concen: 2.226 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BP000617.D
Acq: 10 Oct 2019 15:39

Tgt Ion:252 Resp: 107514

Ion	Ratio	Lower	Upper
252	100		
253	27.3	17.0	25.4#
125	24.5	8.9	13.3#





#89
Benzo(k)fluoranthene
Concen: 2.338 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.05 min
Lab File: BP000617.D
Acq: 10 Oct 2019 15:39

Instrument :
BNA_P
ClientSampleId :
20190855-AMENDED-COMP-B

Tgt Ion:252 Resp: 107514

Ion	Ratio	Lower	Upper
252	100		
253	27.3	18.4	27.6
125	24.5	7.8	11.8#