Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011520\
Data File : BP001617.D
Acq On : 15 Jan 2020 19:40
Operator : JU
Sample : L1114-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RBR-200057-27

Quant Time: Jan 16 07:16:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 14 21:52:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	34132	20.00	ng		0.00
21) Naphthalene-d8	10.41	136	123619	20.00	ng		0.00
39) Acenaphthene-d10	14.28	164	85142	20.00	ng		0.00
64) Phenanthrene-d10	17.05	188	186835	20.00	ng		0.00
76) Chrysene-d12	21.14	240	180682	20.00	ng		-0.01
87) Perylene-d12	23.38	264	191624	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	168625	96.78	ng		0.00
7) Phenol-d6	6.83	99	238686	85.71	ng		0.00
23) Nitrobenzene-d5	8.78	82	169528	59.93	ng		0.00
42) 2,4,6-Tribromophenol	15.78	330	95157	73.42	ng		-0.01
45) 2-Fluorobiphenyl	12.90	172	350785	60.58	ng		0.00
79) Terphenyl-d14	19.63	244	571132	57.82	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.85	94	6025	2.092	ng	#	66
50) Dimethylphthalate	13.75	163	36622	5.222	ng		99
70) Pentachlorophenol	16.70	266	24609	18.197	ng		96
71) Phenanthrene	17.09	178	42484	4.181	ng		100
75) Fluoranthene	19.07	202	90227	6.749	ng		99
78) Pyrene	19.42	202	71904	5.417	ng	#	96
81) Benzo(a)anthracene	21.13	228	41887	3.329	ng		92
83) Chrysene	21.18	228	37185	3.032	ng	#	93
88) Benzo(b)fluoranthene	22.71	252	47644	3.946	ng	#	90
90) Benzo(a)pyrene	23.28	252	28376	2.475	ng		94

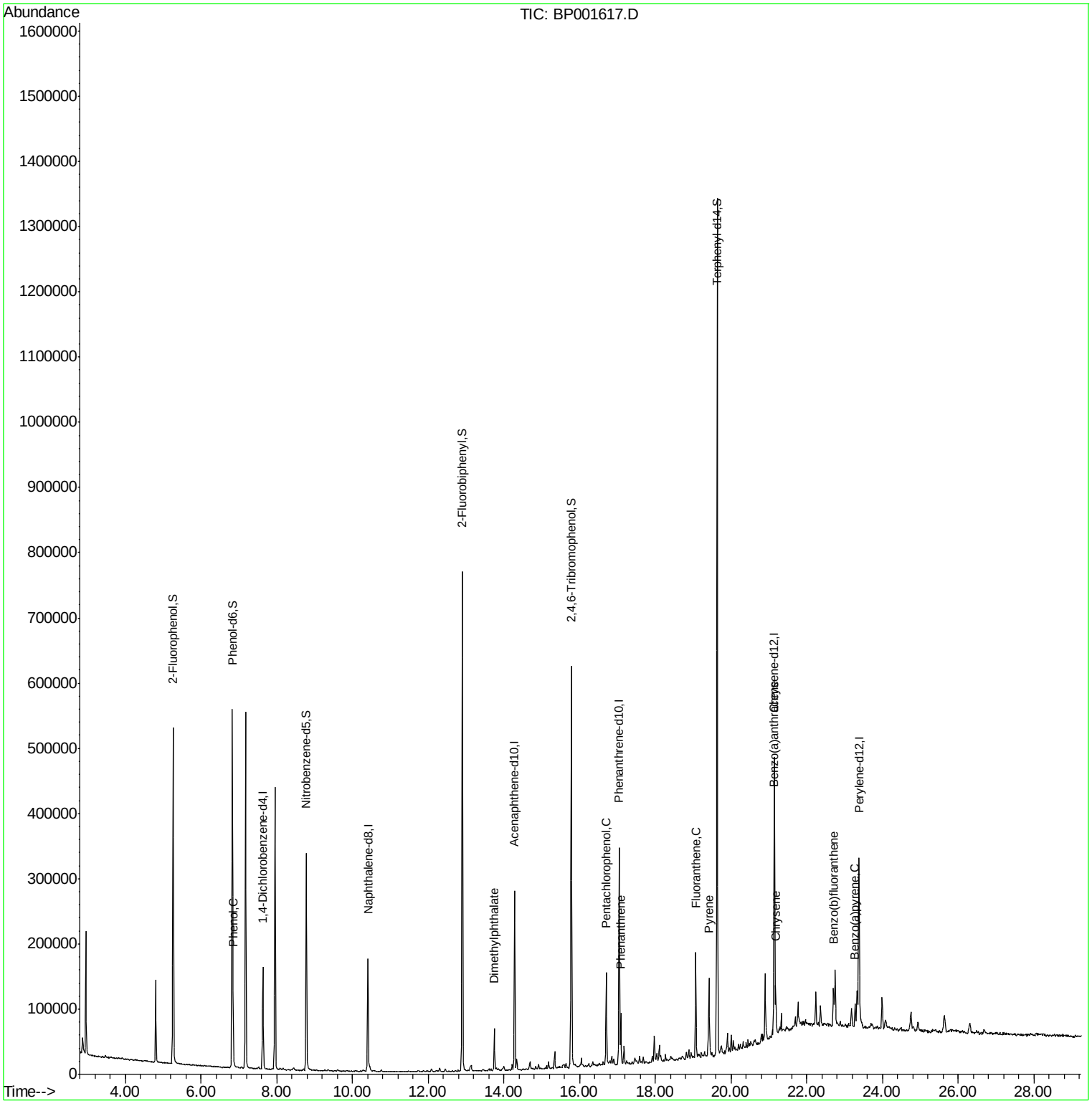
(#) = qualifier out of range (m) = manual integration (+) = signals summed

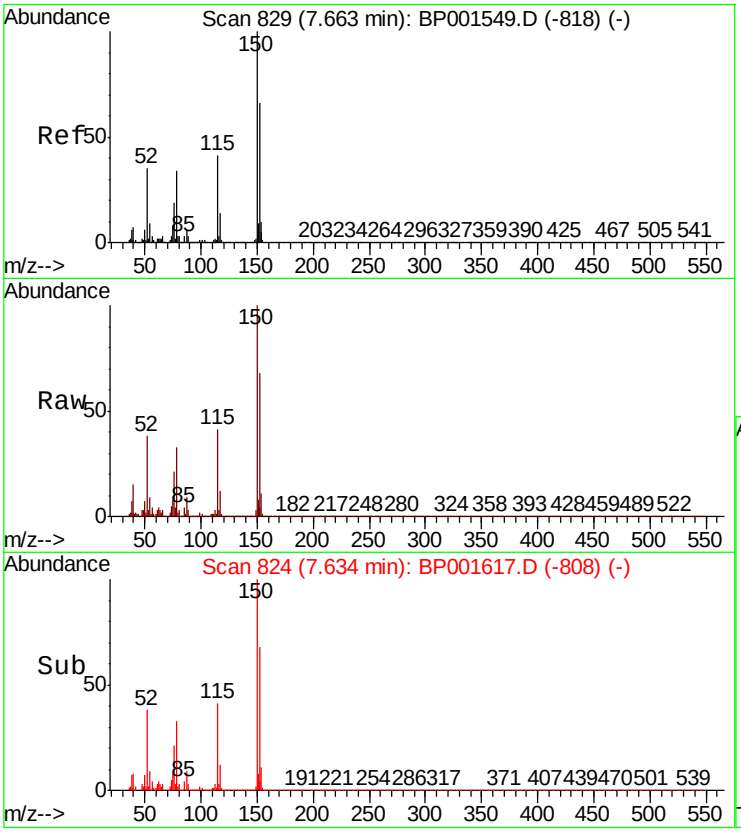
Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011520\
Data File : BP001617.D
Acq On : 15 Jan 2020 19:40
Operator : JU
Sample : L1114-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RBR-200057-27

Quant Time: Jan 16 07:16:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 14 21:52:04 2020
Response via : Initial Calibration



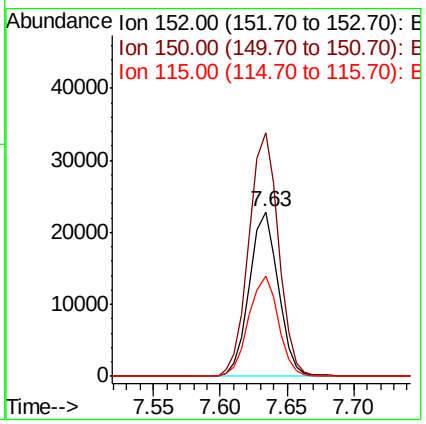


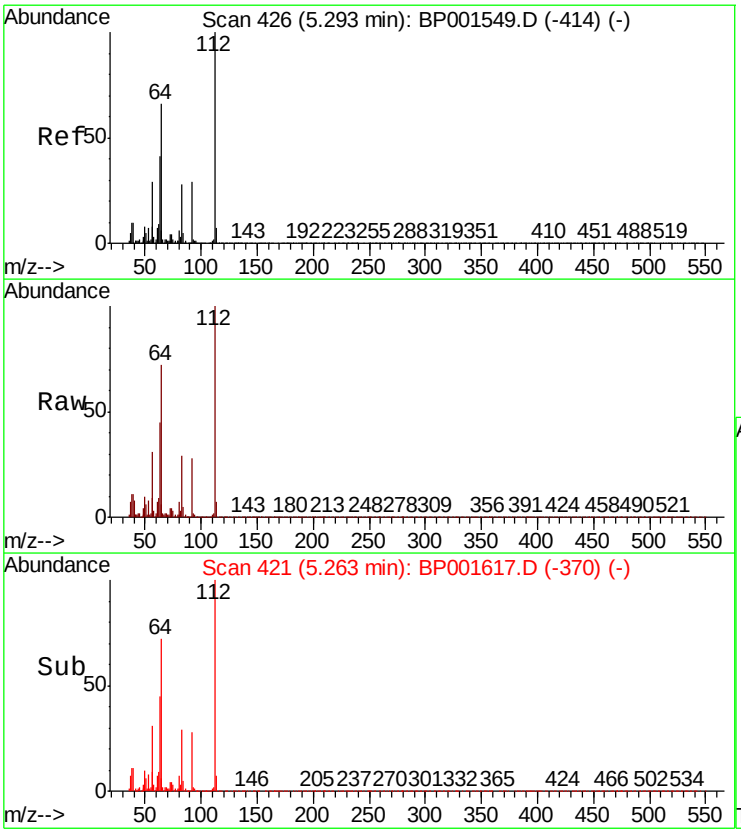
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 824
Delta R.T. -0.01 min
Lab File: BP001617.D
Acq: 15 Jan 2020 19:40

Instrument :
BNA_P
ClientSampleId :
RBR-200057-27

Tgt Ion:152 Resp: 34132

Ion	Ratio	Lower	Upper
152	100		
150	147.9	122.0	183.0
115	60.7	50.7	76.1

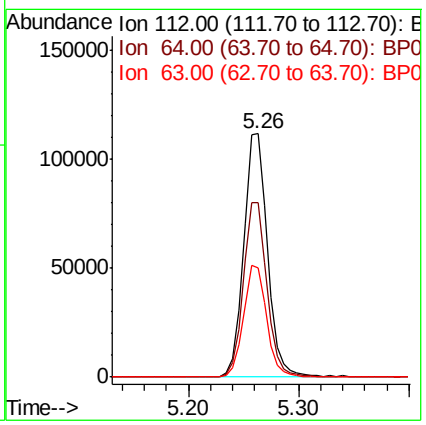


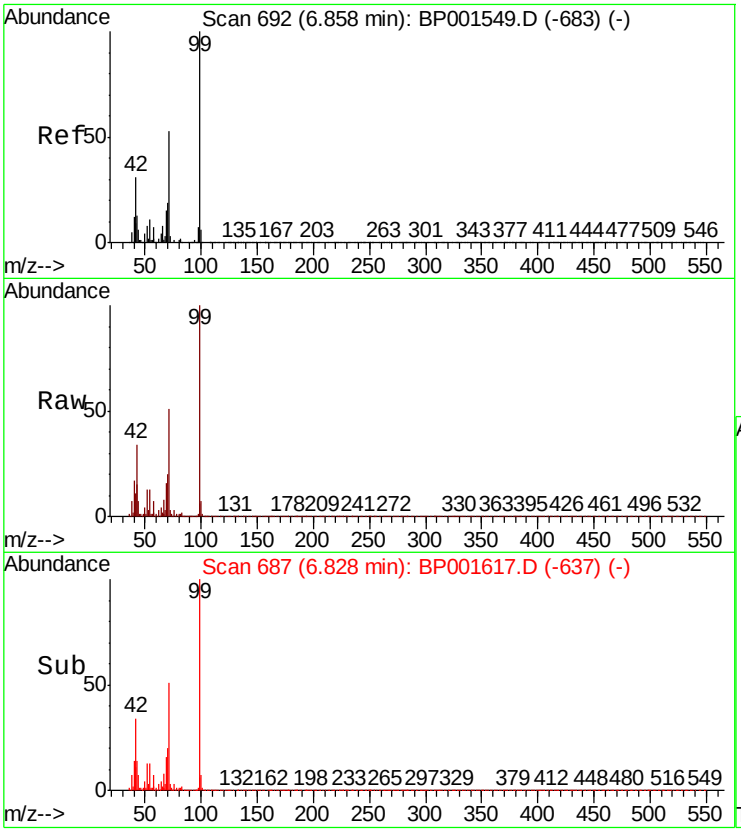


#5
2-Fluorophenol
Concen: 96.777 ng
RT: 5.26 min Scan# 421
Delta R.T. -0.00 min
Lab File: BP001617.D
Acq: 15 Jan 2020 19:40

Tgt Ion:112 Resp: 168625

Ion	Ratio	Lower	Upper
112	100		
64	71.9	52.8	79.2
63	44.6	33.1	49.7



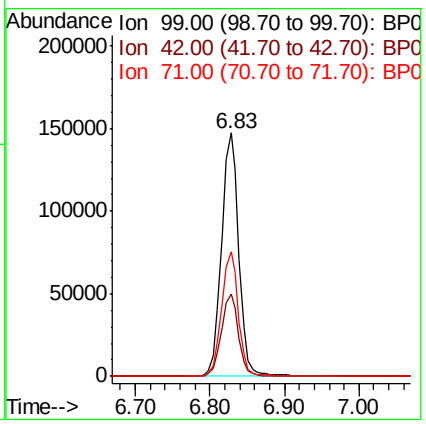


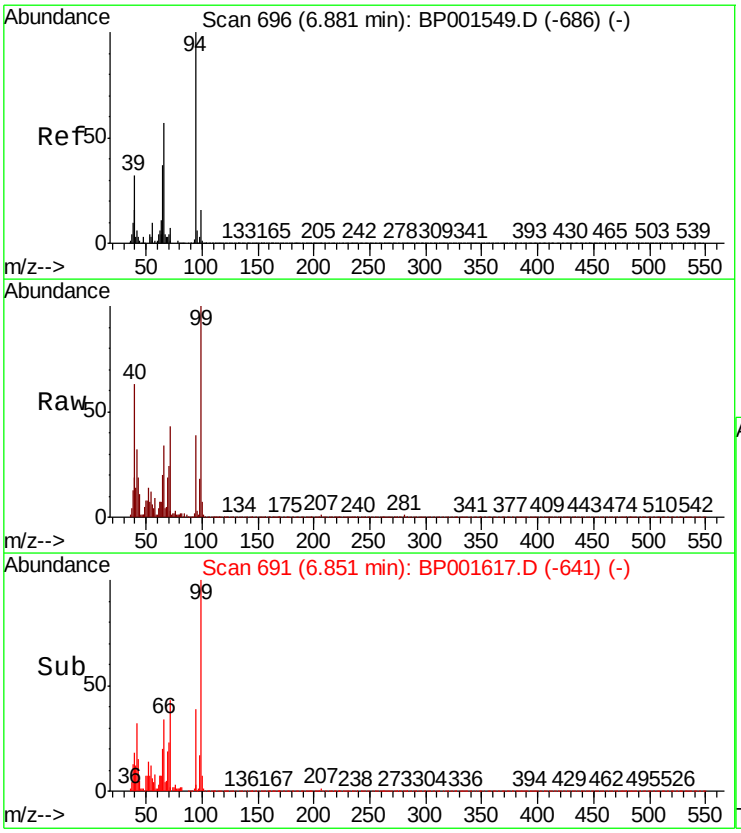
#7
Phenol-d6
Concen: 85.713 ng
RT: 6.83 min Scan# 687
Delta R.T. -0.01 min
Lab File: BP001617.D
Acq: 15 Jan 2020 19:40

Instrument :
BNA_P
ClientSampleId :
RBR-200057-27

Tgt Ion: 99 Resp: 238686

Ion	Ratio	Lower	Upper
99	100		
42	33.6	24.5	36.7
71	51.1	42.4	63.6

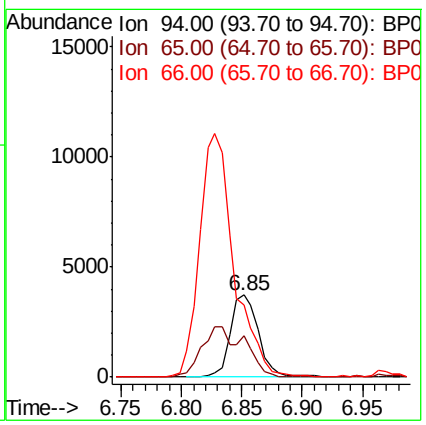


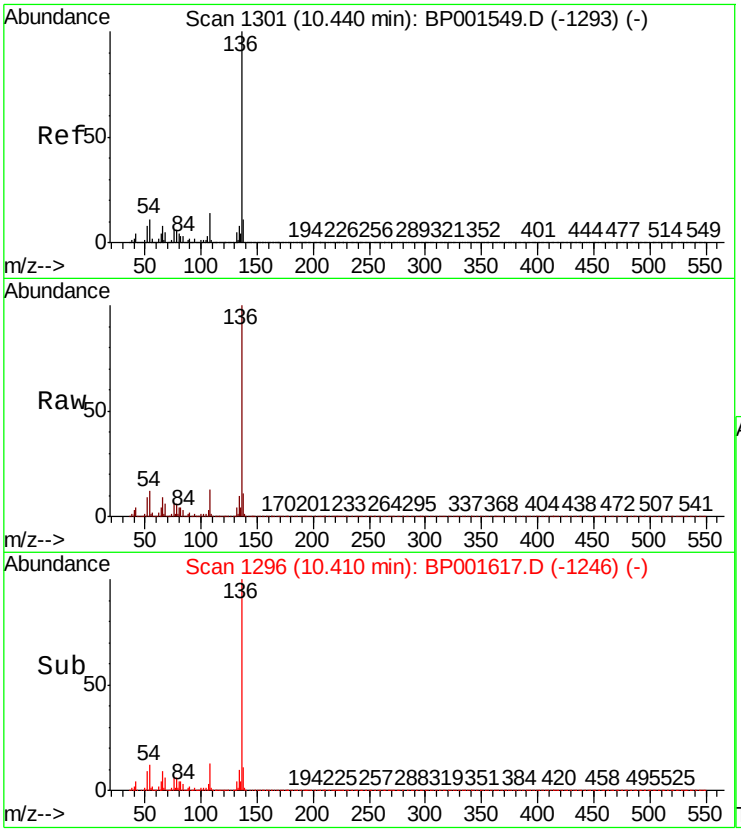


#10
Phenol
Concen: 2.092 ng
RT: 6.85 min Scan# 691
Delta R.T. -0.01 min
Lab File: BP001617.D
Acq: 15 Jan 2020 19:40

Tgt Ion: 94 Resp: 6025

Ion	Ratio	Lower	Upper
94	100		
65	50.6	17.5	57.5
66	88.1	36.7	76.7#



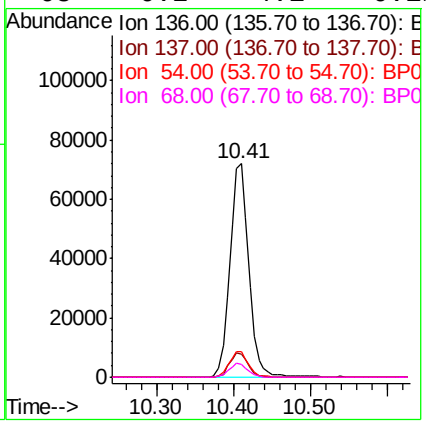


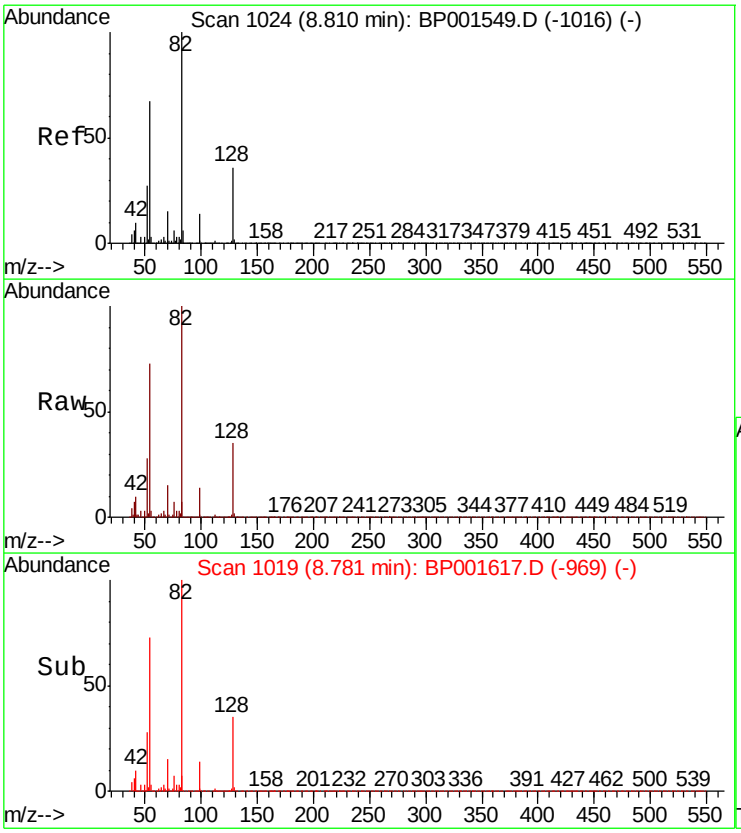
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.41 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BP001617.D
Acq: 15 Jan 2020 19:40

Instrument :
BNA_P
ClientSampleId :
RBR-200057-27

Tgt Ion:136 Resp: 123619

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	12.3	9.2	13.8
68	6.2	4.1	6.1#

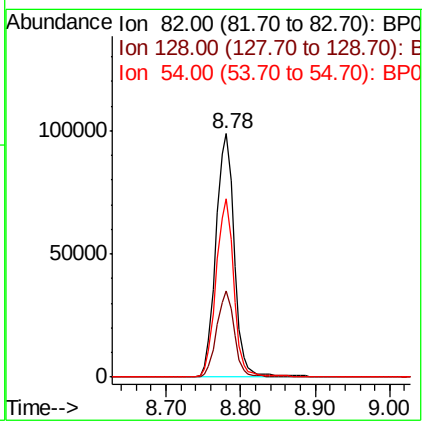


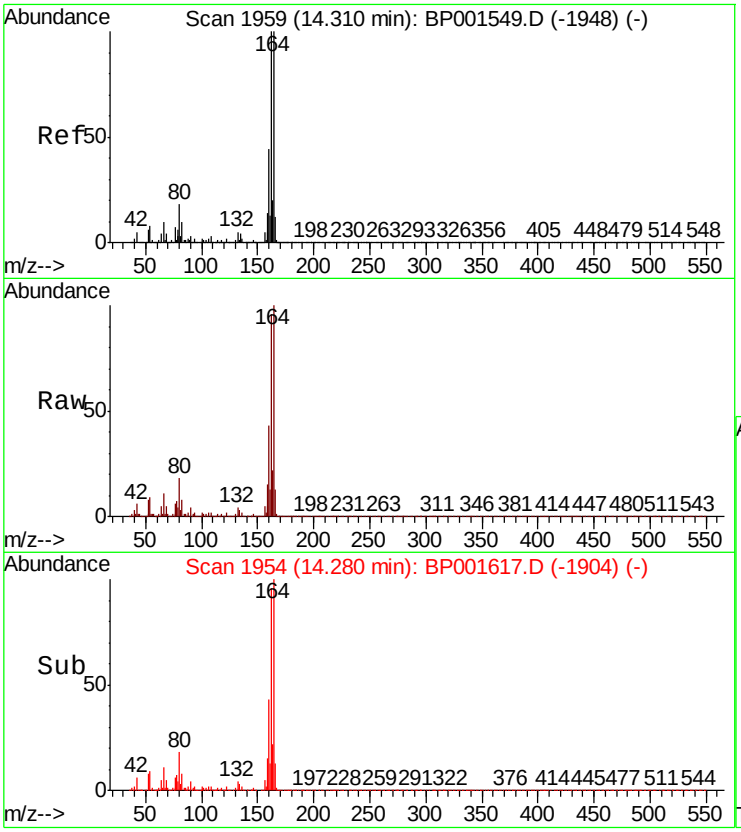


#23
Nitrobenzene-d5
Concen: 59.926 ng
RT: 8.78 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BP001617.D
Acq: 15 Jan 2020 19:40

Tgt Ion: 82 Resp: 169528

Ion	Ratio	Lower	Upper
82	100		
128	35.2	28.4	42.6
54	73.2	53.4	80.2



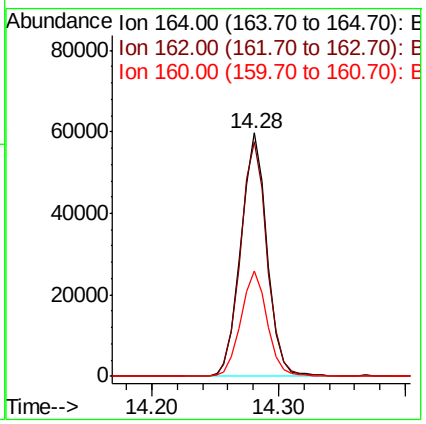


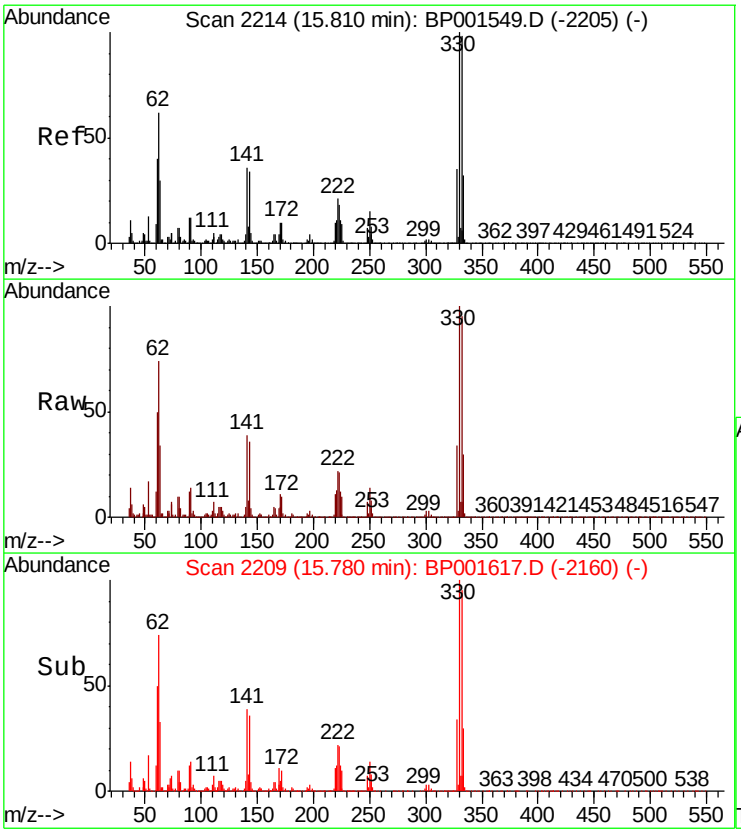
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.28 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BP001617.D
Acq: 15 Jan 2020 19:40

Instrument :
BNA_P
ClientSampleId :
RBR-200057-27

Tgt Ion:164 Resp: 85142

Ion	Ratio	Lower	Upper
164	100		
162	96.3	79.8	119.6
160	43.2	35.0	52.6

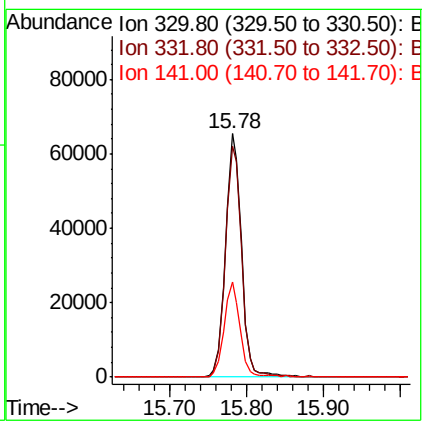


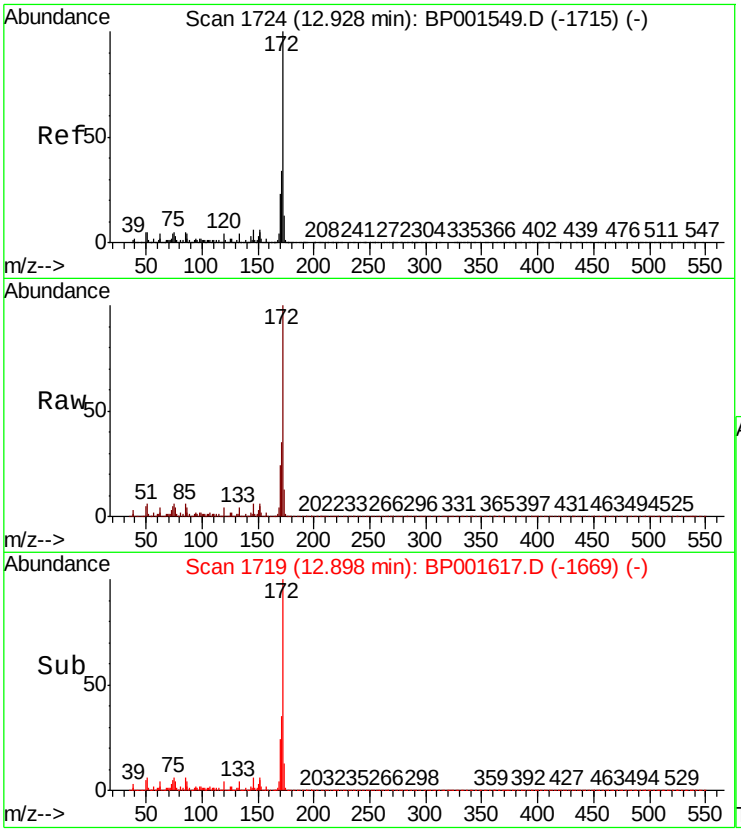


#42
2,4,6-Tribromophenol
Concen: 73.422 ng
RT: 15.78 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BP001617.D
Acq: 15 Jan 2020 19:40

Tgt Ion:330 Resp: 95157

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.8	116.6
141	38.4	28.7	43.1



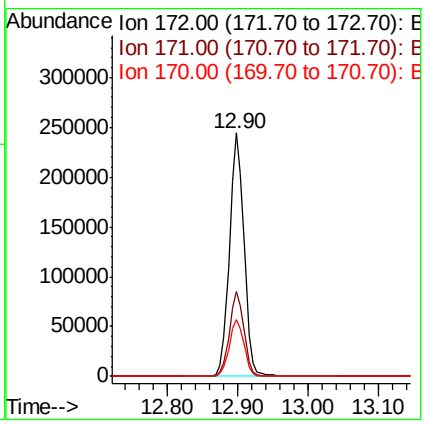


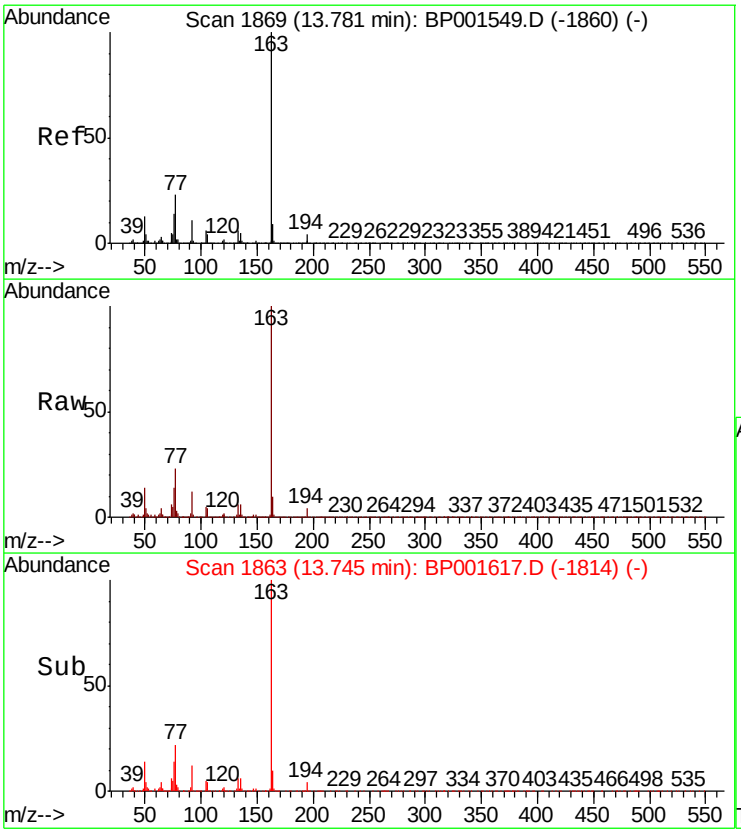
#45
2-Fluorobiphenyl
Concen: 60.575 ng
RT: 12.90 min Scan# 1719
Delta R.T. -0.01 min
Lab File: BP001617.D
Acq: 15 Jan 2020 19:40

Instrument :
BNA_P
ClientSampleId :
RBR-200057-27

Tgt Ion:172 Resp: 350785

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.6	41.4
170	23.5	18.3	27.5

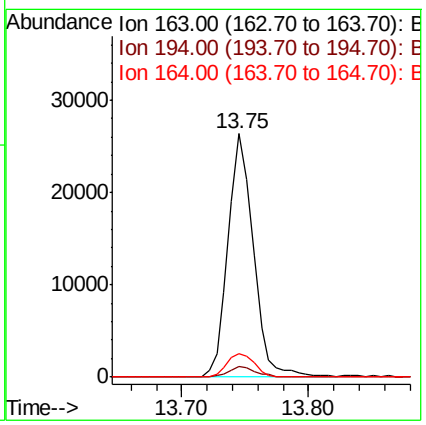


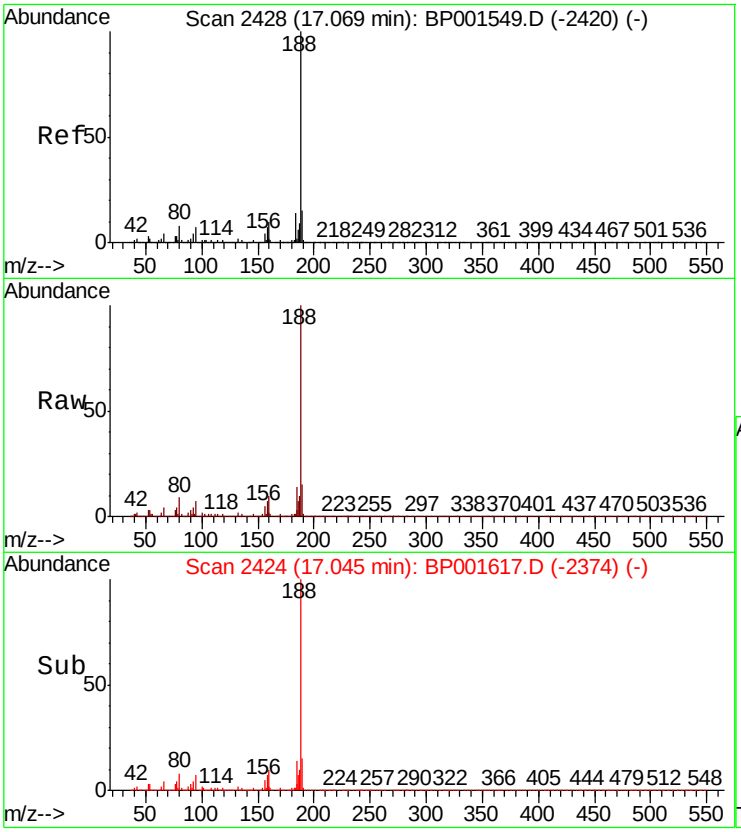


#50
Dimethylphthalate
Concen: 5.222 ng
RT: 13.75 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BP001617.D
Acq: 15 Jan 2020 19:40

Tgt Ion:163 Resp: 36622

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.6	5.4
164	9.8	7.5	11.3



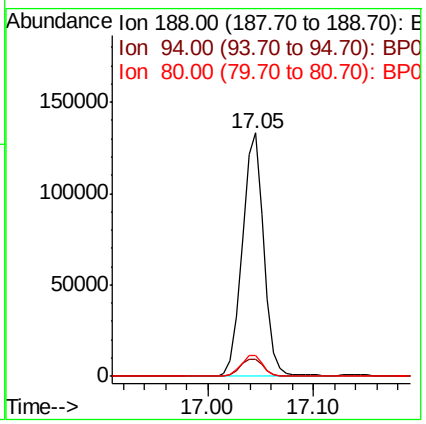


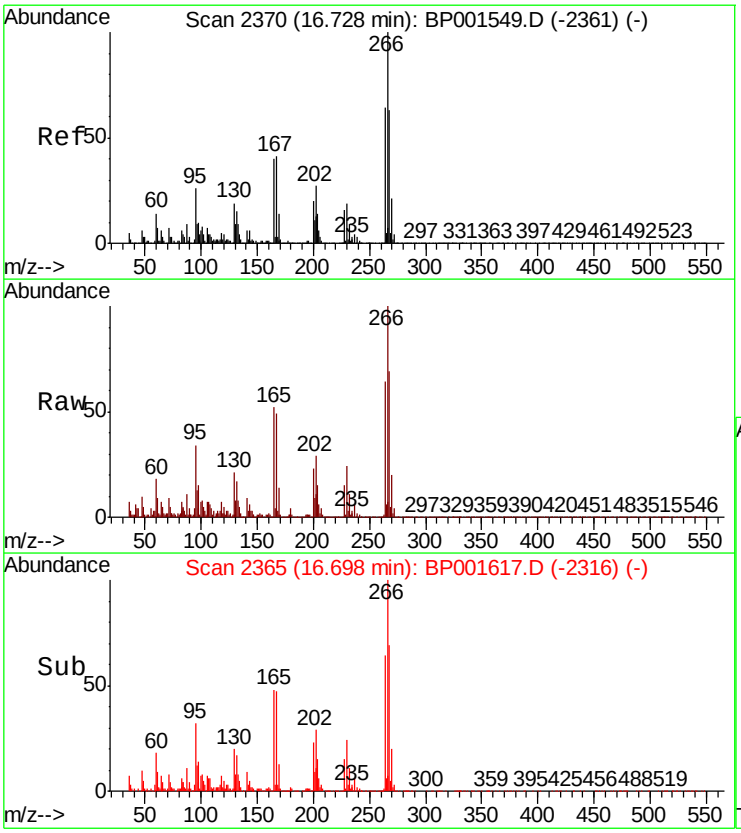
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2424
Delta R.T. -0.01 min
Lab File: BP001617.D
Acq: 15 Jan 2020 19:40

Instrument :
BNA_P
ClientSampleId :
RBR-200057-27

Tgt Ion:188 Resp: 186835

Ion	Ratio	Lower	Upper
188	100		
94	7.2	5.9	8.9
80	8.5	6.8	10.2

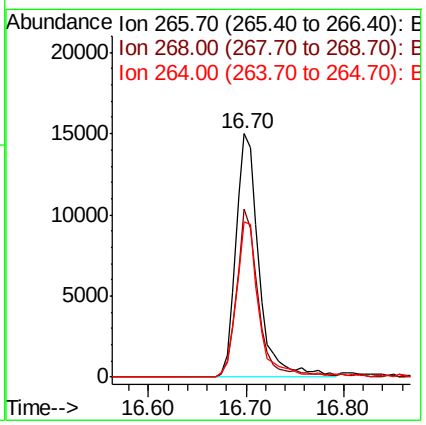


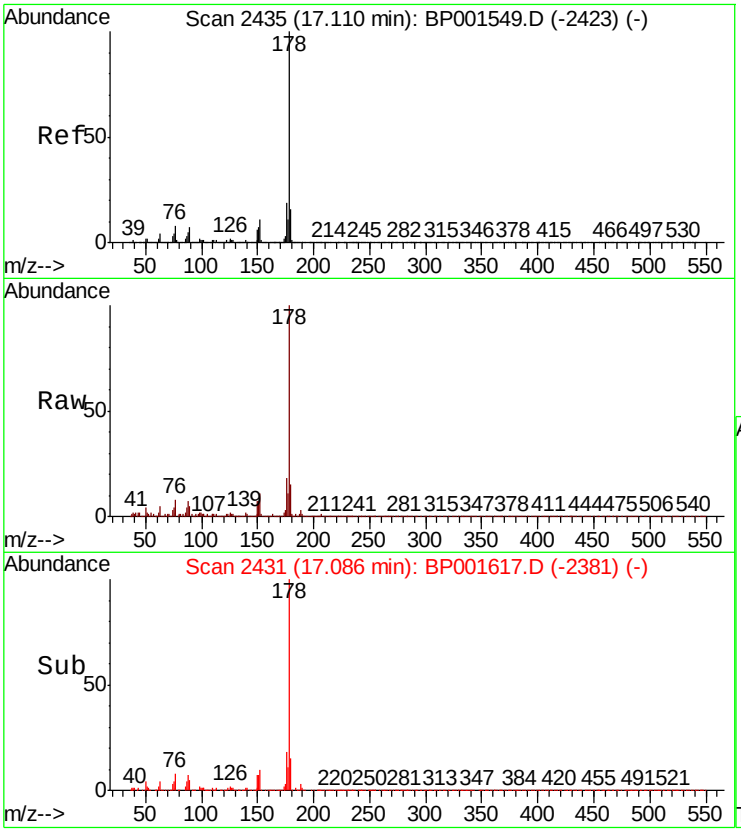


#70
Pentachlorophenol
Concen: 18.197 ng
RT: 16.70 min Scan# 2365
Delta R.T. -0.01 min
Lab File: BP001617.D
Acq: 15 Jan 2020 19:40

Tgt Ion:266 Resp: 24609

Ion	Ratio	Lower	Upper
266	100		
268	69.1	50.5	75.7
264	64.0	50.9	76.3



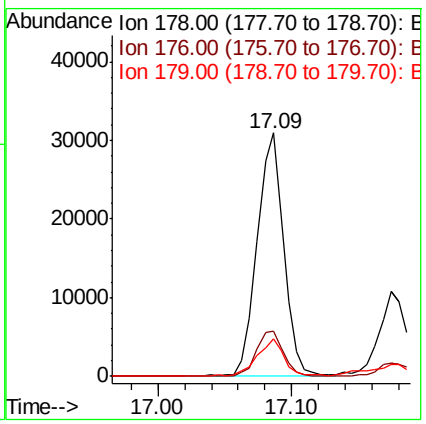


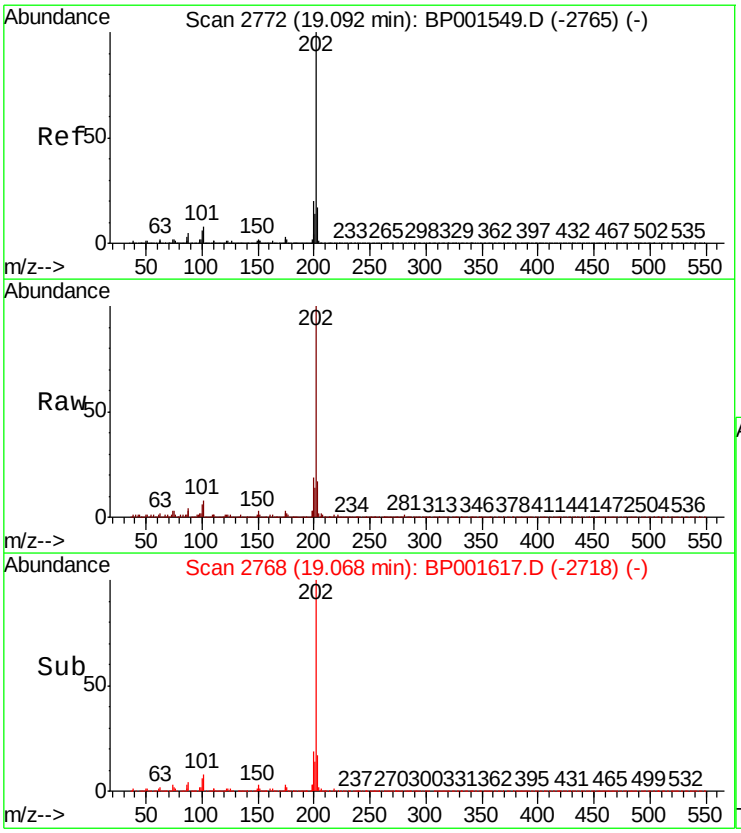
#71
Phenanthrene
Concen: 4.181 ng
RT: 17.09 min Scan# 2431
Delta R.T. -0.01 min
Lab File: BP001617.D
Acq: 15 Jan 2020 19:40

Instrument :
BNA_P
ClientSampleId :
RBR-200057-27

Tgt Ion:178 Resp: 42484

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.9	22.3
179	15.5	12.5	18.7

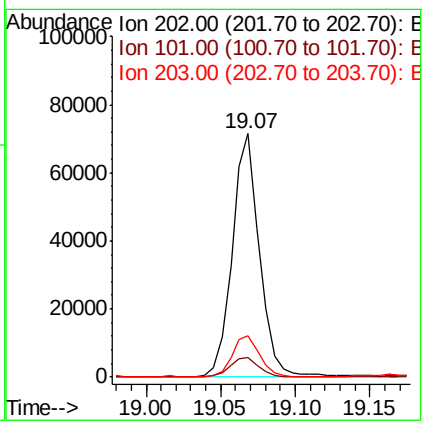


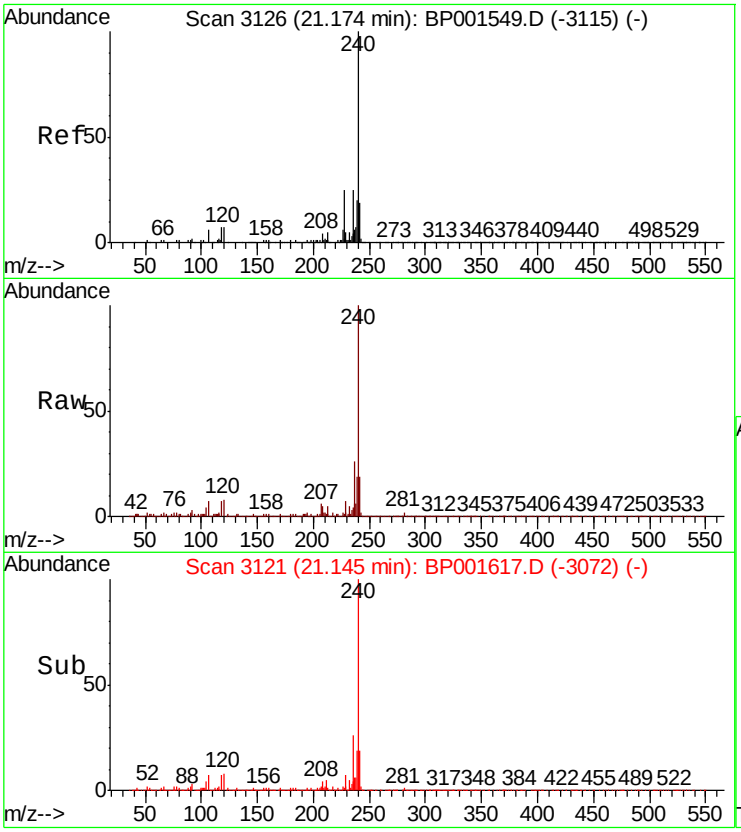


#75
Fluoranthene
Concen: 6.749 ng
RT: 19.07 min Scan# 2768
Delta R.T. -0.01 min
Lab File: BP001617.D
Acq: 15 Jan 2020 19:40

Tgt Ion:202 Resp: 90227

Ion	Ratio	Lower	Upper
202	100		
101	8.1	0.0	28.4
203	17.0	0.0	37.4



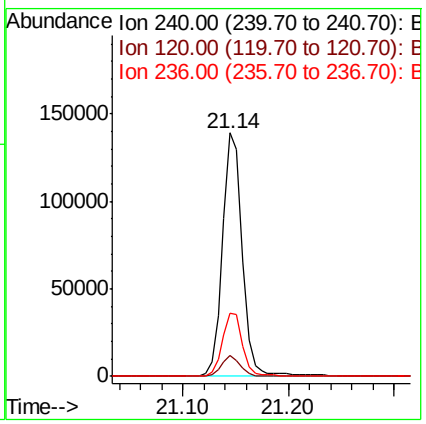


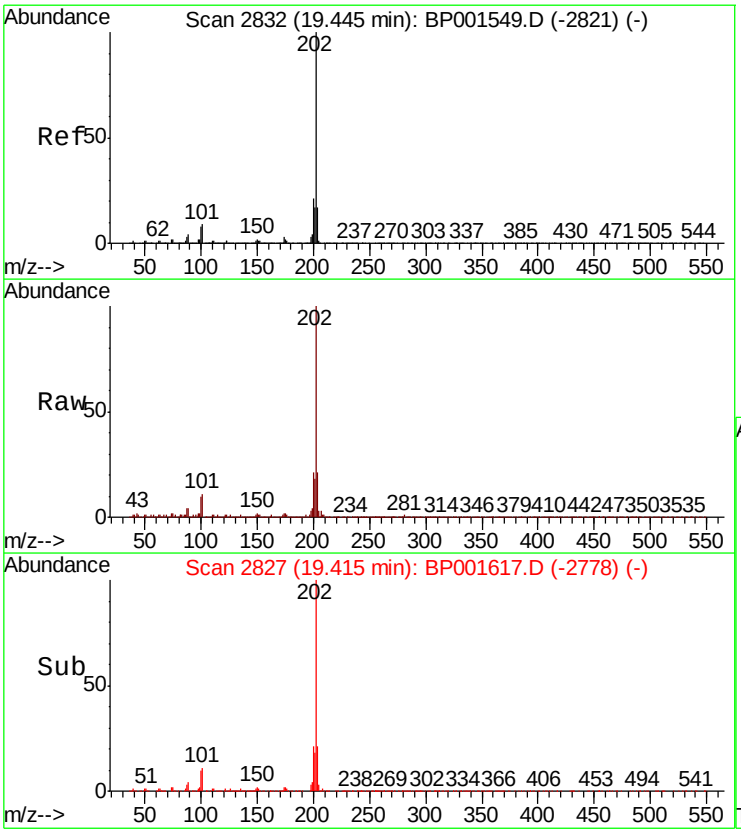
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.14 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BP001617.D
Acq: 15 Jan 2020 19:40

Instrument :
BNA_P
ClientSampleId :
RBR-200057-27

Tgt Ion:240 Resp: 180682

Ion	Ratio	Lower	Upper
240	100		
120	8.3	5.7	8.5
236	25.7	20.4	30.6

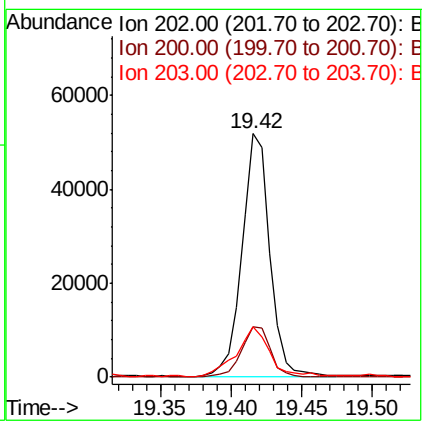


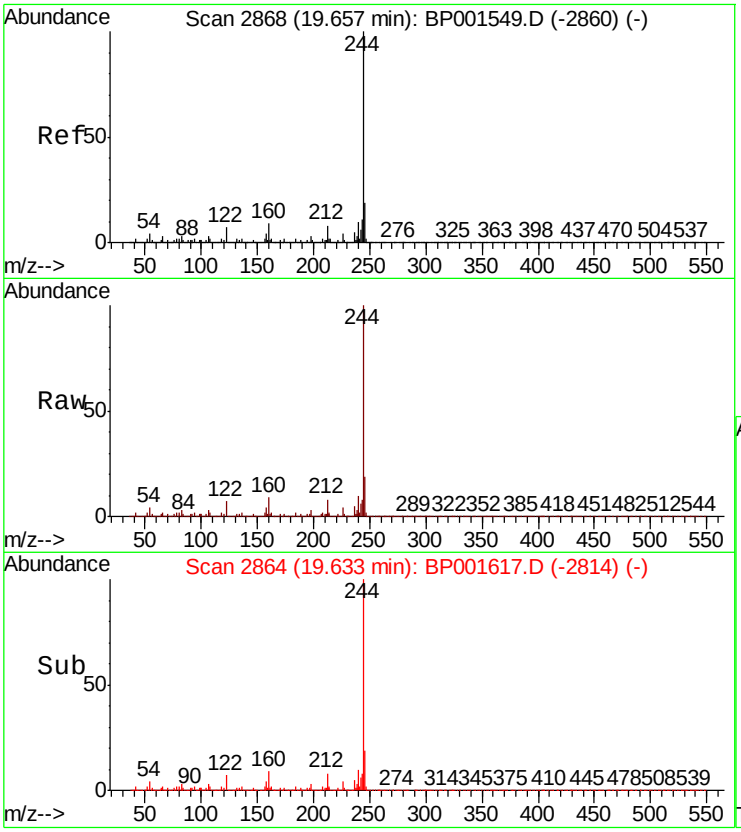


#78
Pyrene
Concen: 5.417 ng
RT: 19.42 min Scan# 2827
Delta R.T. -0.01 min
Lab File: BP001617.D
Acq: 15 Jan 2020 19:40

Tgt Ion:202 Resp: 71904

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.0	25.6
203	20.8	13.7	20.5#



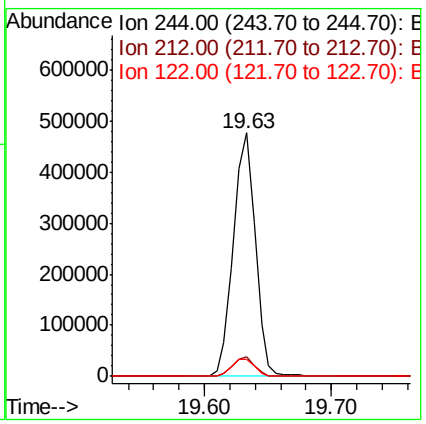


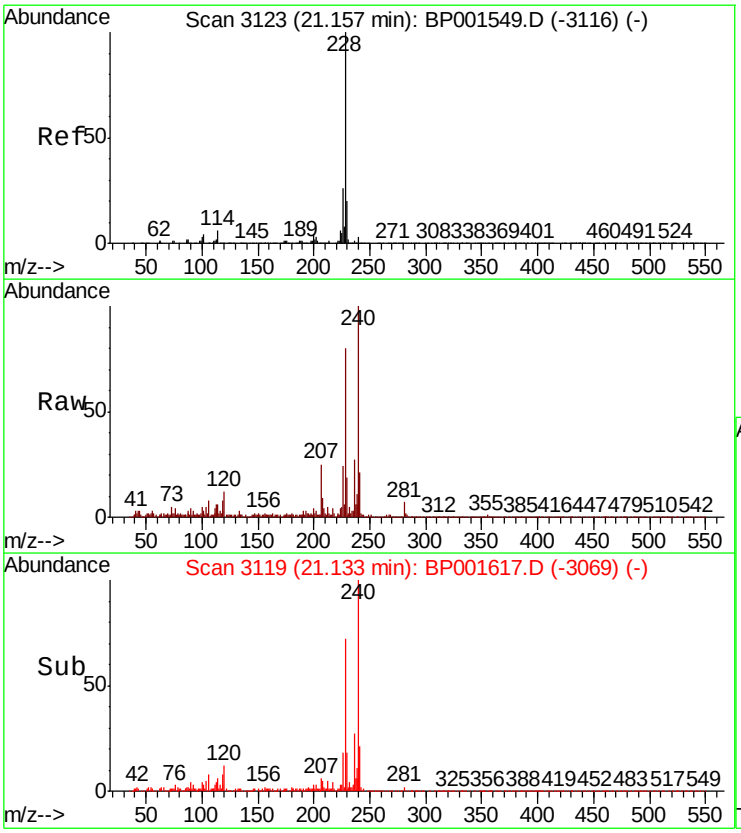
#79
Terphenyl-d14
Concen: 57.815 ng
RT: 19.63 min Scan# 2864
Delta R.T. -0.01 min
Lab File: BP001617.D
Acq: 15 Jan 2020 19:40

Instrument :
BNA_P
ClientSampleId :
RBR-200057-27

Tgt Ion:244 Resp: 571132

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.3	9.5
122	7.2	5.8	8.6

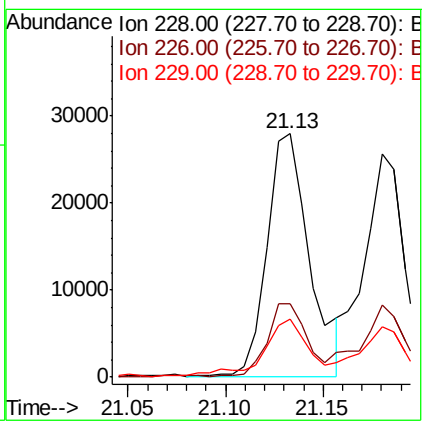


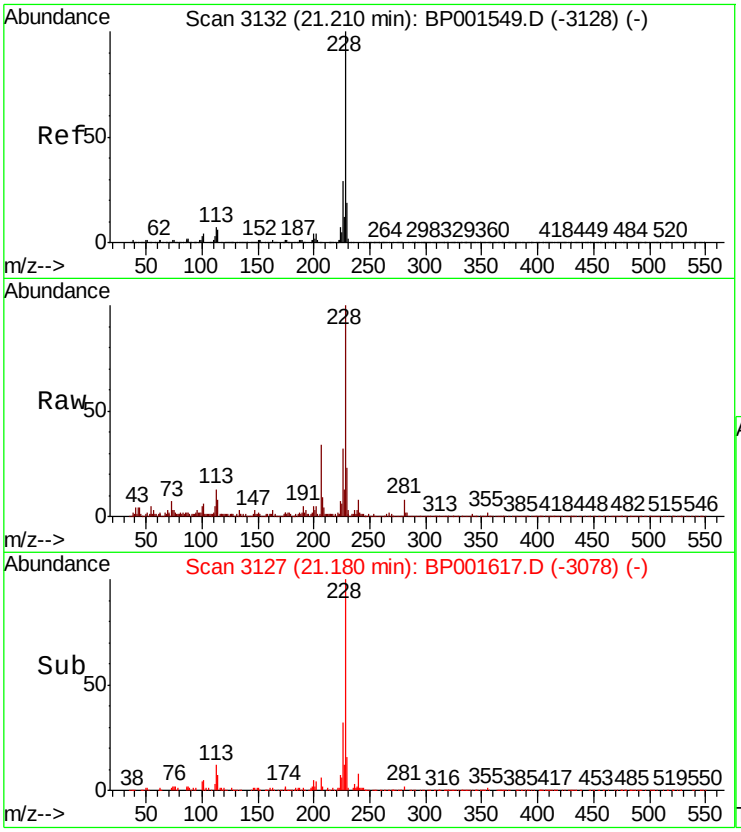


#81
Benzo(a)anthracene
Concen: 3.329 ng
RT: 21.13 min Scan# 3119
Delta R.T. -0.01 min
Lab File: BP001617.D
Acq: 15 Jan 2020 19:40

Tgt Ion:228 Resp: 41887

Ion	Ratio	Lower	Upper
228	100		
226	30.3	21.2	31.8
229	23.7	16.1	24.1



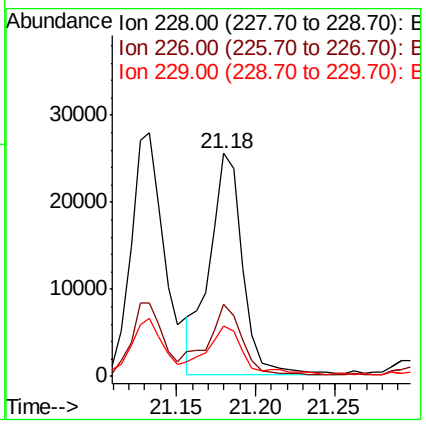


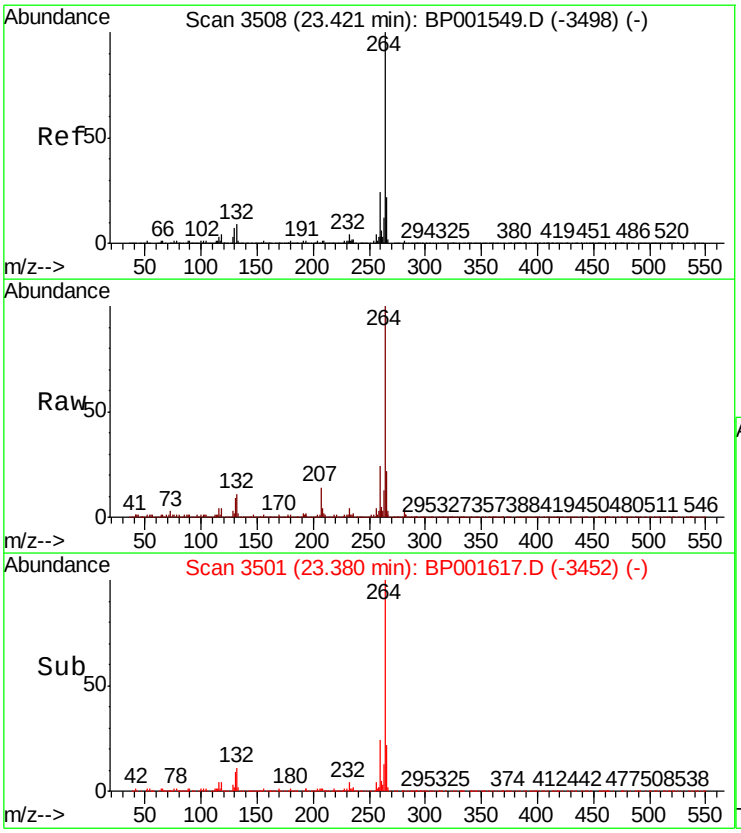
#83
Chrysene
Concen: 3.032 ng
RT: 21.18 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BP001617.D
Acq: 15 Jan 2020 19:40

Instrument :
BNA_P
ClientSampleId :
RBR-200057-27

Tgt Ion:228 Resp: 37185

Ion	Ratio	Lower	Upper
228	100		
226	32.5	23.2	34.8
229	22.9	15.2	22.8#

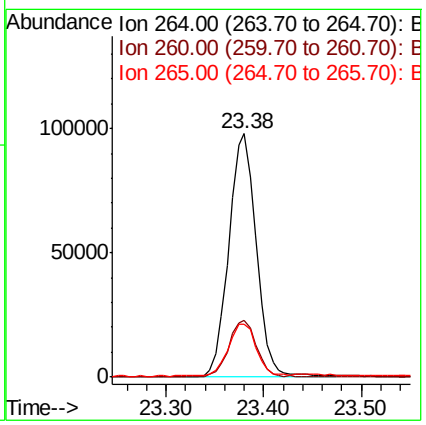


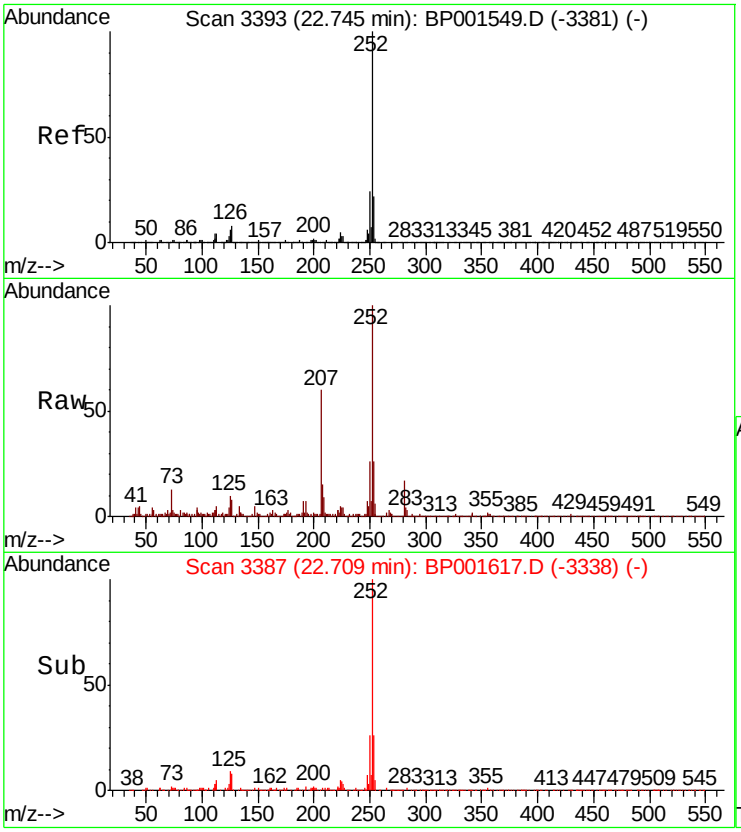


#87
Perylene-d12
Concen: 20.000 ng
RT: 23.38 min Scan# 3501
Delta R.T. -0.01 min
Lab File: BP001617.D
Acq: 15 Jan 2020 19:40

Tgt Ion:264 Resp: 191624

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.6
265	22.0	18.2	27.4



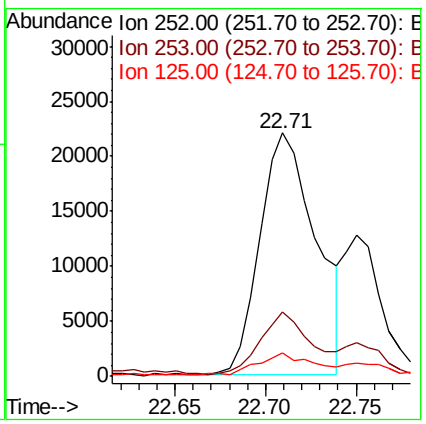


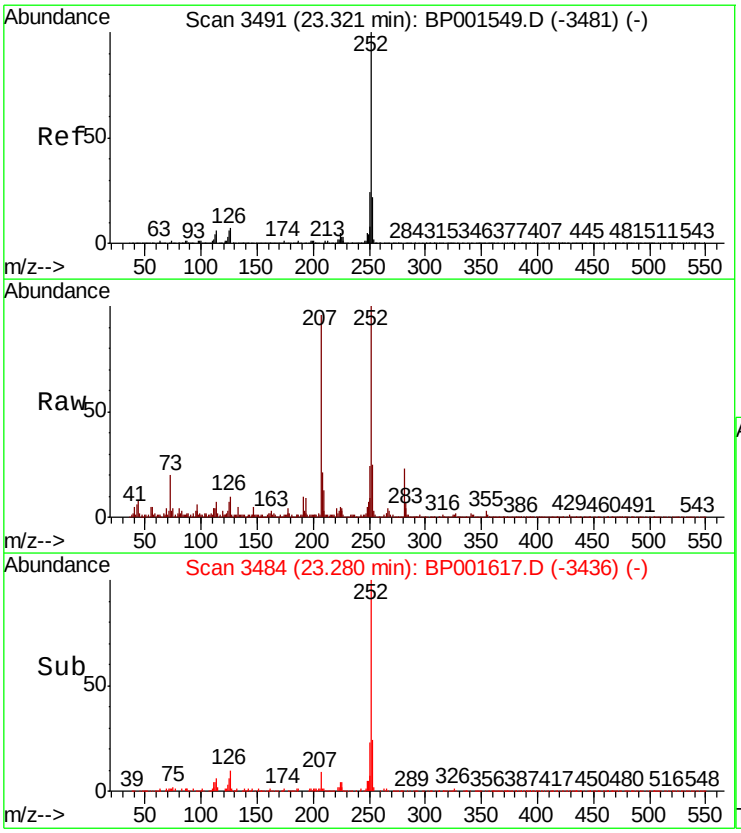
#88
Benzo(b)fluoranthene
Concen: 3.946 ng
RT: 22.71 min Scan# 3387
Delta R.T. -0.01 min
Lab File: BP001617.D
Acq: 15 Jan 2020 19:40

Instrument :
BNA_P
ClientSampleId :
RBR-200057-27

Tgt Ion:252 Resp: 47644

Ion	Ratio	Lower	Upper
252	100		
253	26.4	17.6	26.4#
125	9.7	4.6	7.0#





#90
Benzo(a)pyrene
Concen: 2.475 ng
RT: 23.28 min Scan# 3484
Delta R.T. -0.02 min
Lab File: BP001617.D
Acq: 15 Jan 2020 19:40

Tgt Ion:252 Resp: 28376

Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.6	26.4
125	7.0	5.0	7.4