Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010320\
Data File : BP001527.D
Acq On : 04 Jan 2020 02:16
Operator : JU
Sample : L1011-02 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MC-010220-0-2-COMP-B3

Quant Time: Jan 04 04:00:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 03 15:57:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	61218	20.00	ng		-0.01
21) Naphthalene-d8	10.47	136	230942	20.00	ng		-0.01
39) Acenaphthene-d10	14.33	164	150044	20.00	ng		-0.01
64) Phenanthrene-d10	17.09	188	338510	20.00	ng		-0.01
76) Chrysene-d12	21.19	240	303492	20.00	ng		-0.02
87) Perylene-d12	23.44	264	324730	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	72279	19.84	ng		0.02
7) Phenol-d6	6.90	99	101914	20.76	ng		0.02
23) Nitrobenzene-d5	8.84	82	63015	13.48	ng		0.00
42) 2,4,6-Tribromophenol	15.83	330	33653	19.82	ng		-0.01
45) 2-Fluorobiphenyl	12.95	172	131831	12.92	ng		-0.02
79) Terphenyl-d14	19.67	244	201183	13.21	ng		-0.01
Target Compounds							Qvalue
71) Phenanthrene	17.13	178	60646	3.303	ng		99
75) Fluoranthene	19.11	202	110024	4.950	ng		99
78) Pyrene	19.46	202	107351	4.874	ng		98
81) Benzo(a)anthracene	21.17	228	53029	2.490	ng		96
83) Chrysene	21.22	228	50553	2.476	ng		95
88) Benzo(b)fluoranthene	22.76	252	60487	3.008	ng	#	88
90) Benzo(a)pyrene	23.33	252	45612	2.423	ng		94

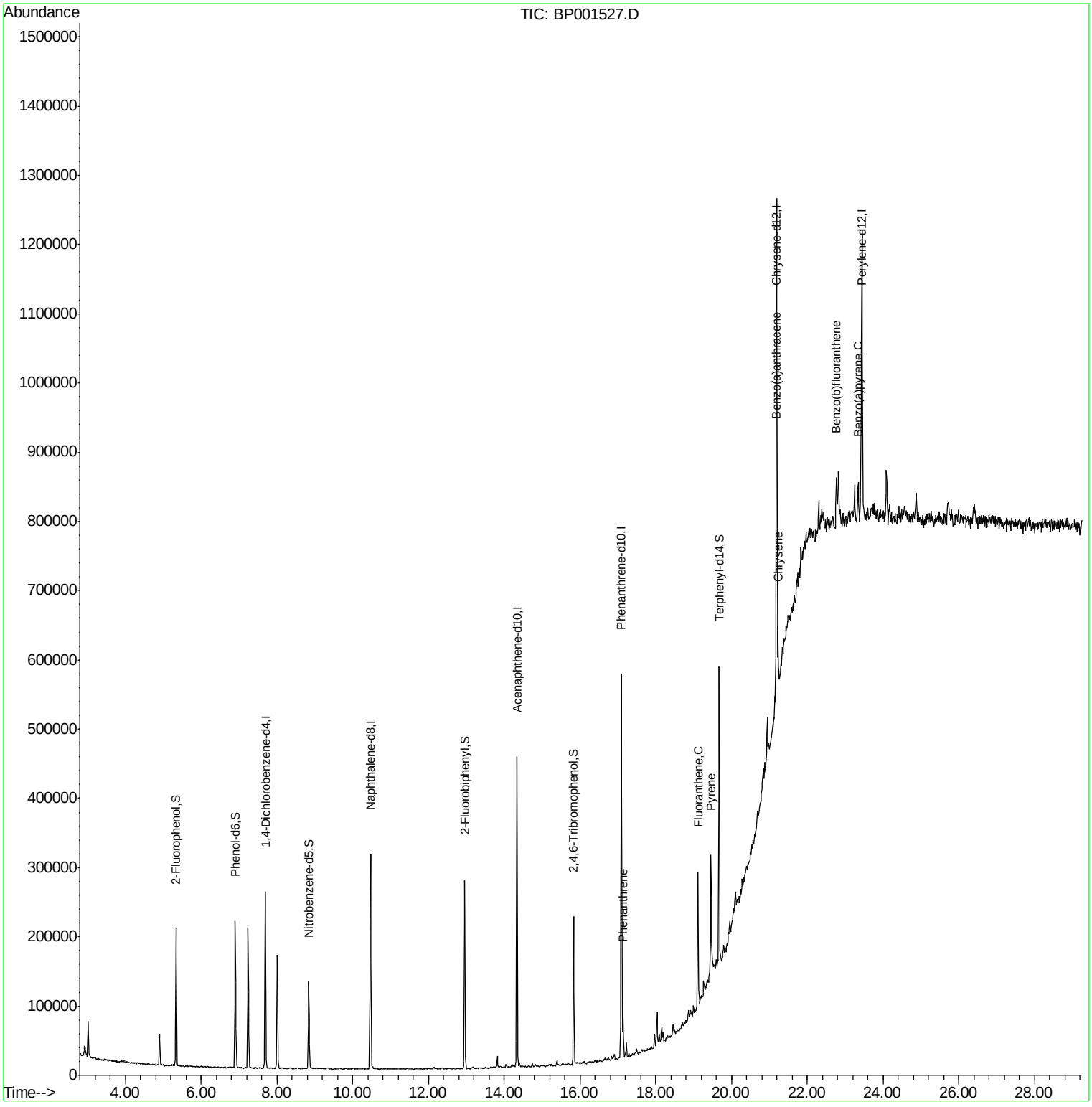
(#) = qualifier out of range (m) = manual integration (+) = signals summed

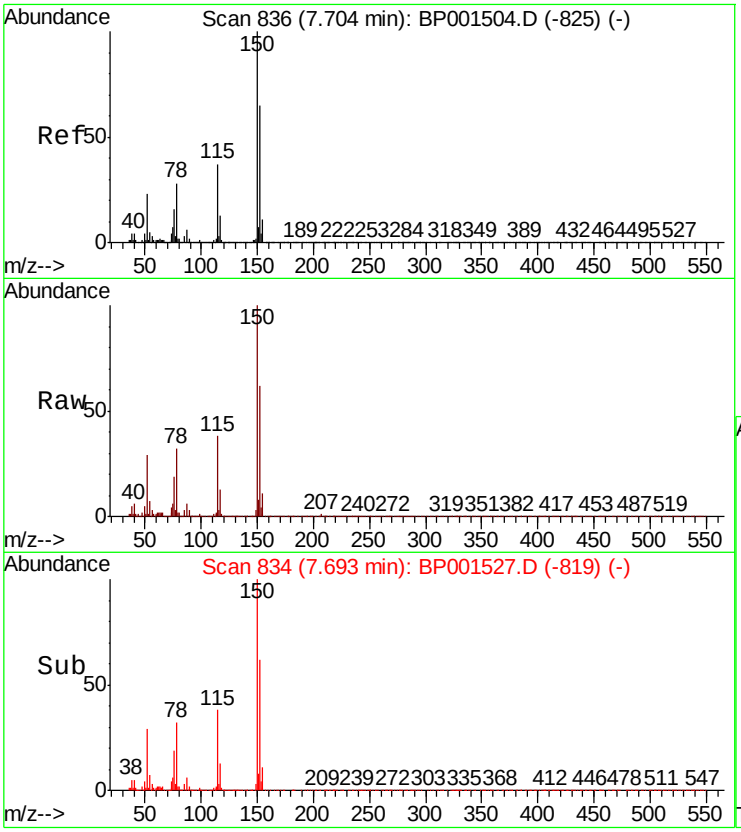
Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010320\
Data File : BP001527.D
Acq On : 04 Jan 2020 02:16
Operator : JU
Sample : L1011-02 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MC-010220-0-2-COMP-B3

Quant Time: Jan 04 04:00:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 03 15:57:46 2020
Response via : Initial Calibration



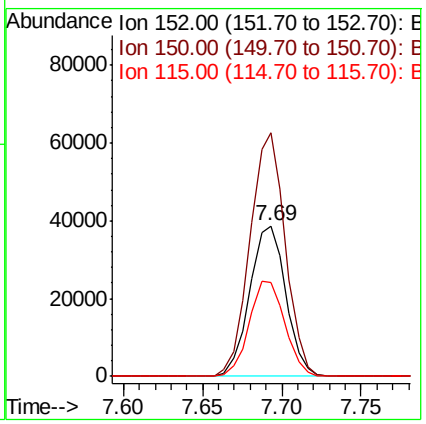


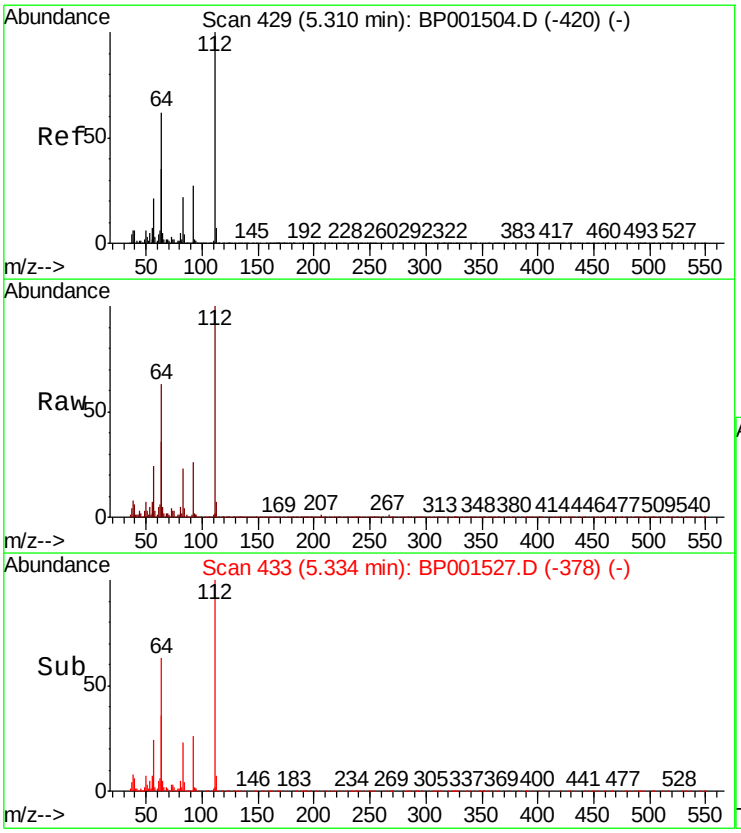
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 834
Delta R.T. -0.01 min
Lab File: BP001527.D
Acq: 04 Jan 2020 02:16

Instrument :
BNA_P
ClientSampleId :
MC-010220-0-2-COMP-B3

Tgt Ion:152 Resp: 61218

Ion	Ratio	Lower	Upper
152	100		
150	161.6	123.6	185.4
115	62.2	45.8	68.6

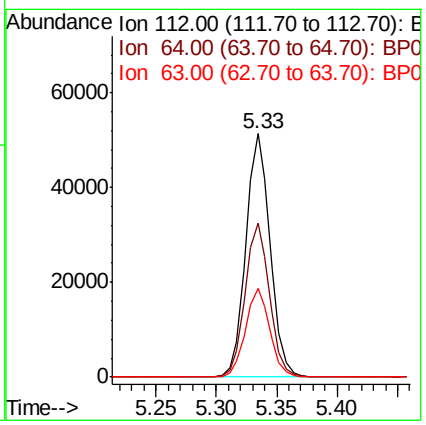


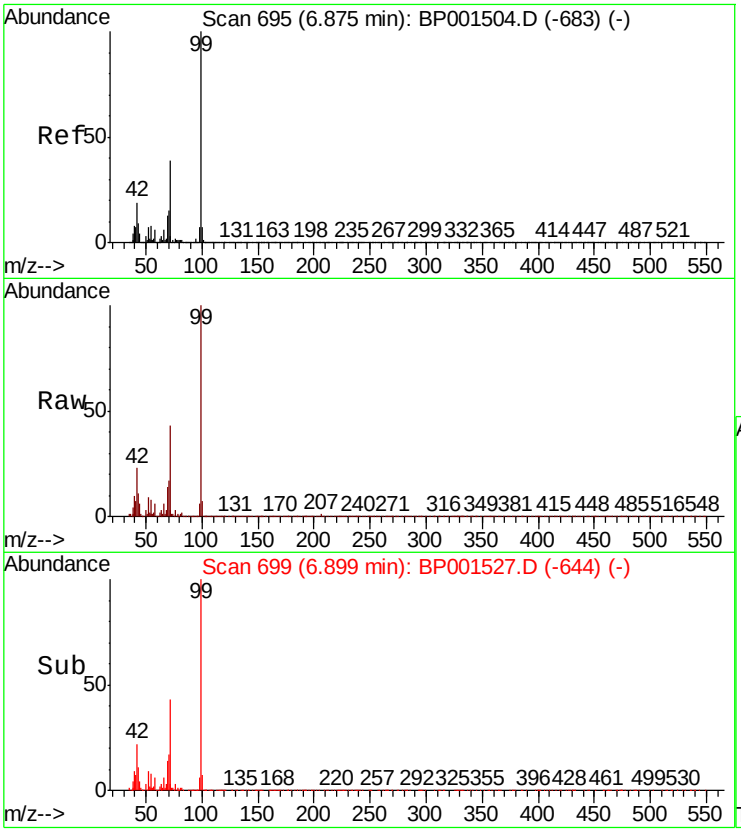


#5
2-Fluorophenol
Concen: 19.836 ng
RT: 5.33 min Scan# 433
Delta R.T. 0.02 min
Lab File: BP001527.D
Acq: 04 Jan 2020 02:16

Tgt Ion:112 Resp: 72279

Ion	Ratio	Lower	Upper
112	100		
64	63.4	49.7	74.5
63	36.3	28.1	42.1



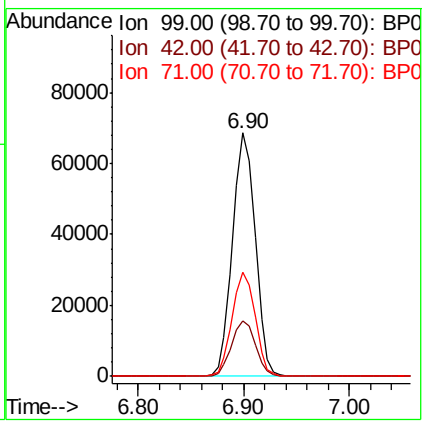


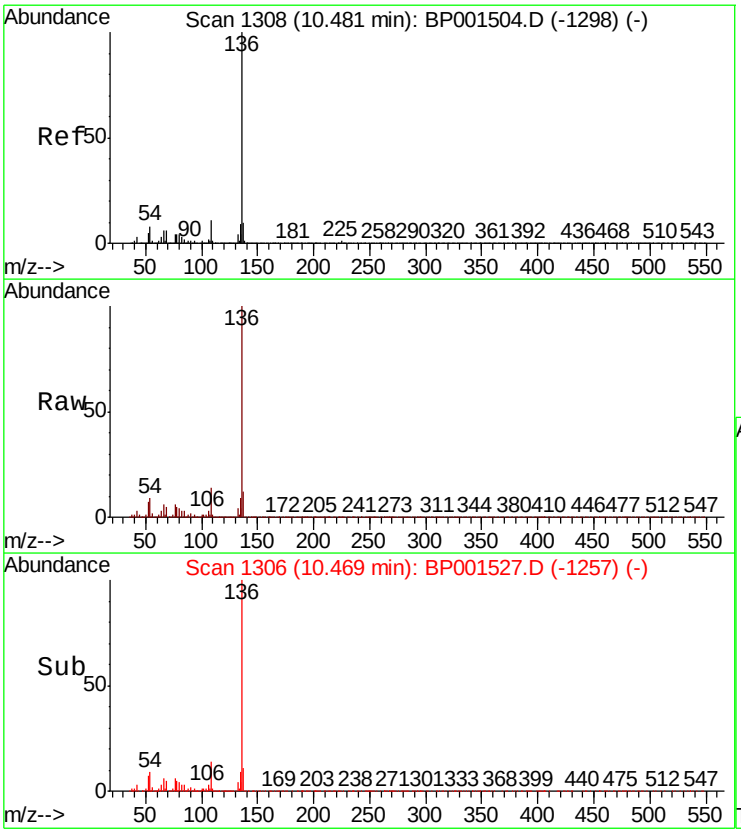
#7
Phenol-d6
Concen: 20.765 ng
RT: 6.90 min Scan# 699
Delta R.T. 0.02 min
Lab File: BP001527.D
Acq: 04 Jan 2020 02:16

Instrument :
BNA_P
ClientSampleId :
MC-010220-0-2-COMP-B3

Tgt Ion: 99 Resp: 101914

Ion	Ratio	Lower	Upper
99	100		
42	22.5	15.3	22.9
71	42.9	30.9	46.3

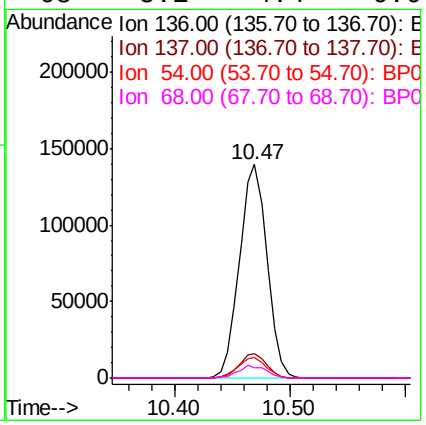


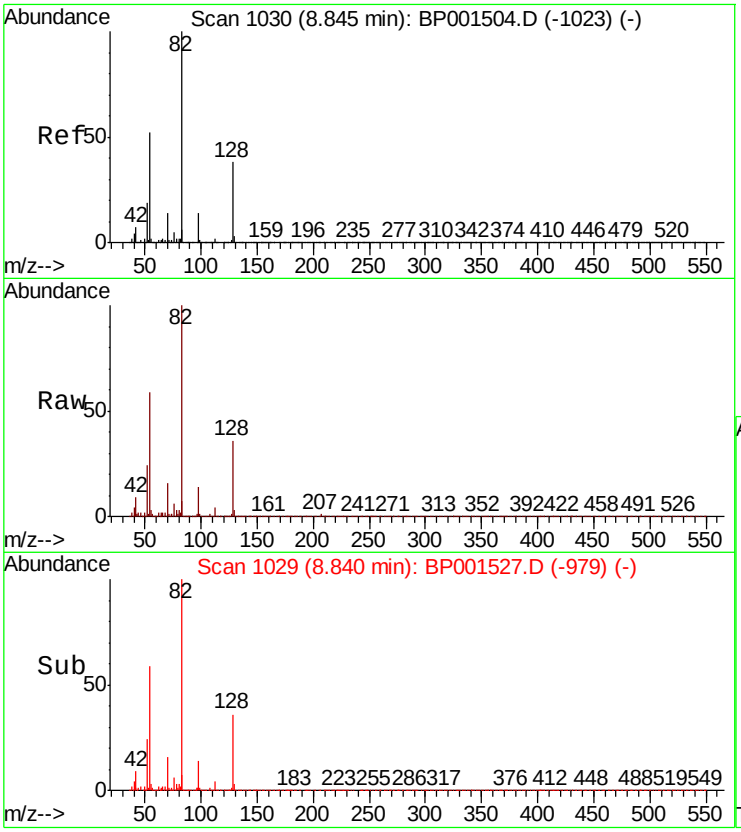


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.47 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BP001527.D
Acq: 04 Jan 2020 02:16

Tgt Ion:136 Resp: 230942

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.3	12.5
54	9.3	6.7	10.1
68	5.1	4.4	6.6

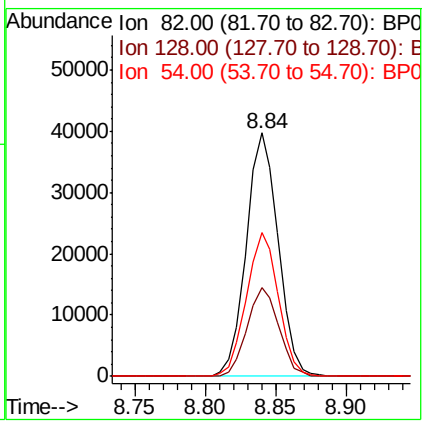




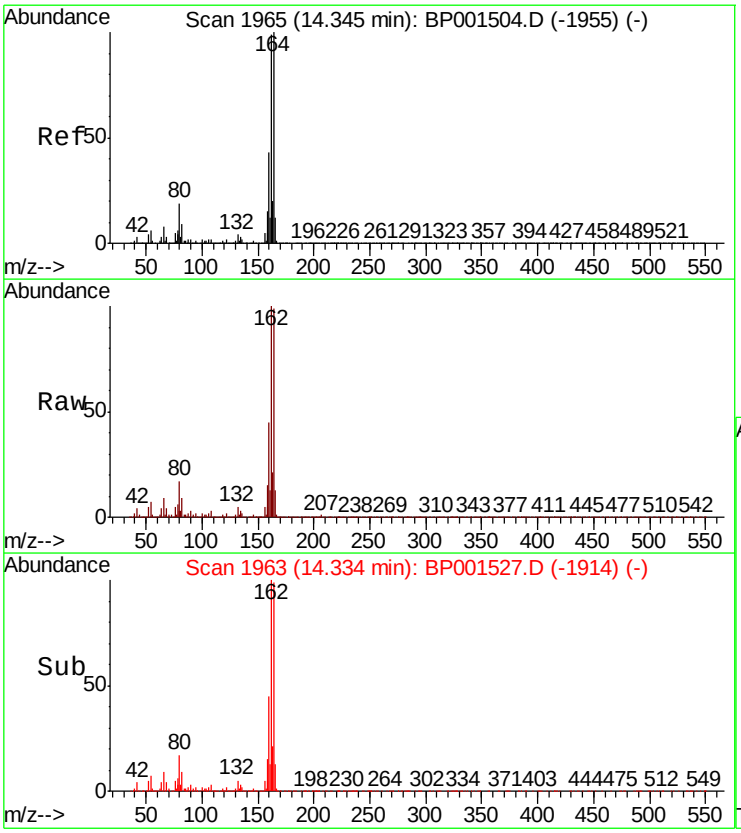
#23
Nitrobenzene-d5
Concen: 13.477 ng
RT: 8.84 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BP001527.D
Acq: 04 Jan 2020 02:16

Tgt Ion: 82 Resp: 63015

Ion	Ratio	Lower	Upper
82	100		
128	36.3	30.1	45.1
54	59.3	41.8	62.6



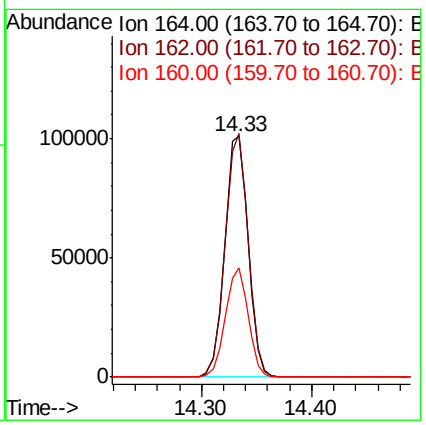
Instrument :
BNA_P
ClientSampleId :
MC-010220-0-2-COMP-B3

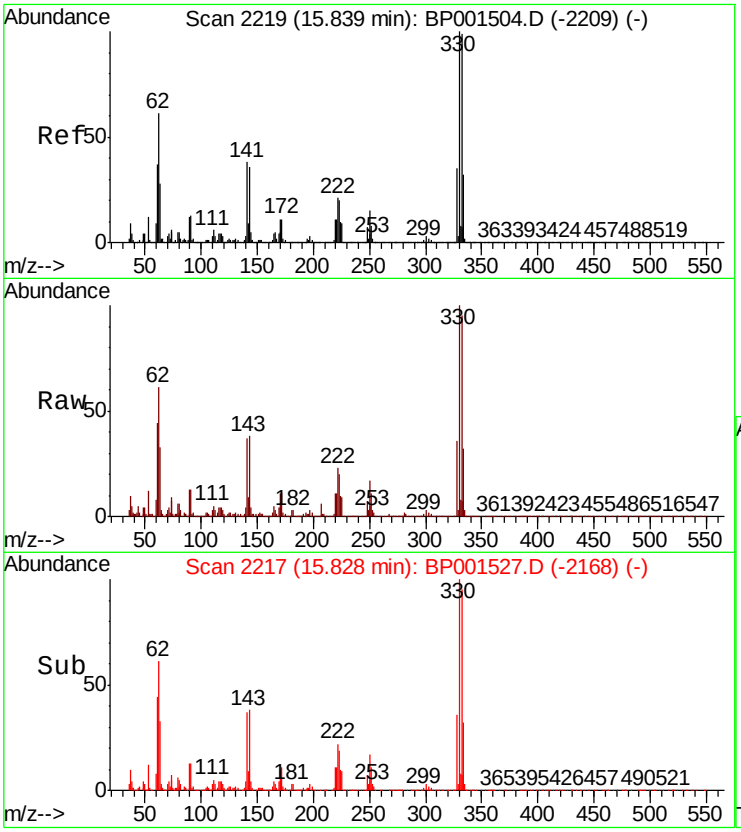


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.33 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BP001527.D
Acq: 04 Jan 2020 02:16

Tgt Ion:164 Resp: 150044

Ion	Ratio	Lower	Upper
164	100		
162	101.2	79.2	118.8
160	45.6	34.6	52.0



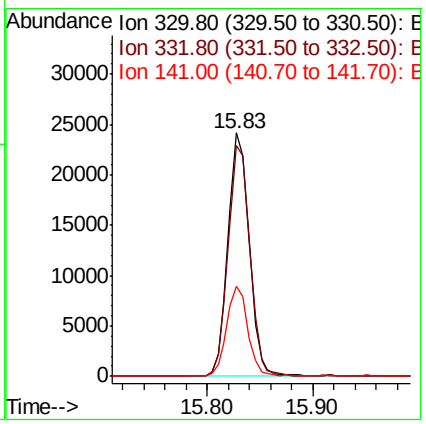


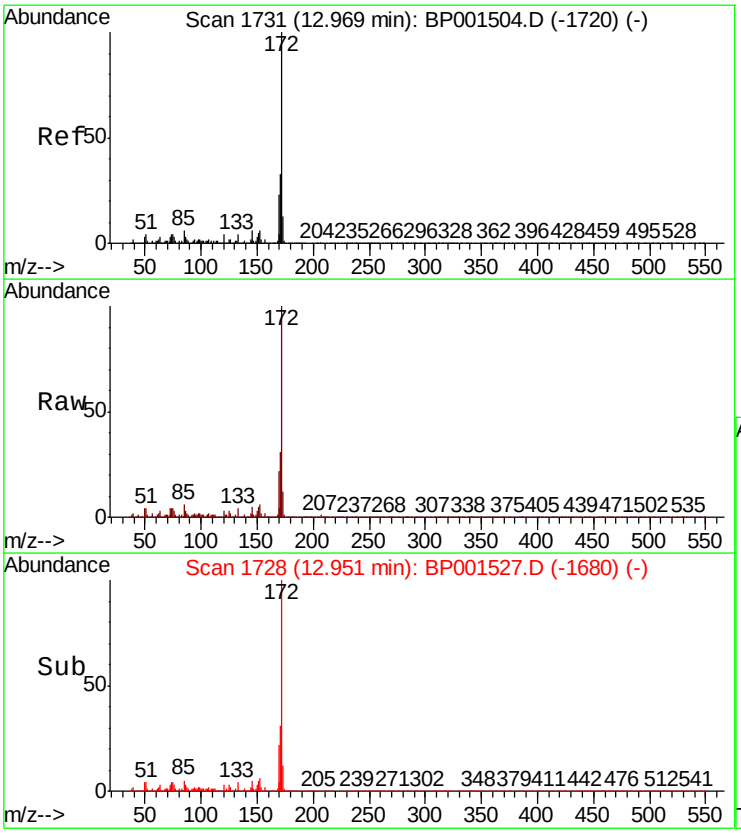
#42
2,4,6-Tribromophenol
Concen: 19.817 ng
RT: 15.83 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BP001527.D
Acq: 04 Jan 2020 02:16

Instrument :
BNA_P
ClientSampleId :
MC-010220-0-2-COMP-B3

Tgt Ion:330 Resp: 33653

Ion	Ratio	Lower	Upper
330	100		
332	96.6	78.2	117.2
141	37.0	30.3	45.5

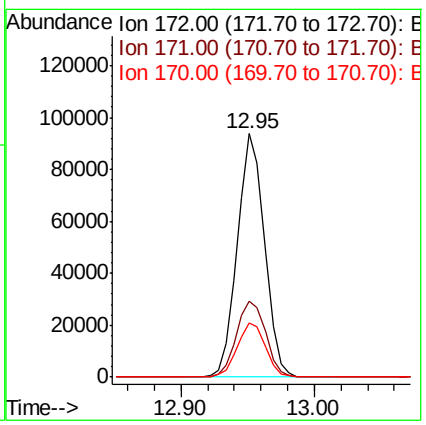


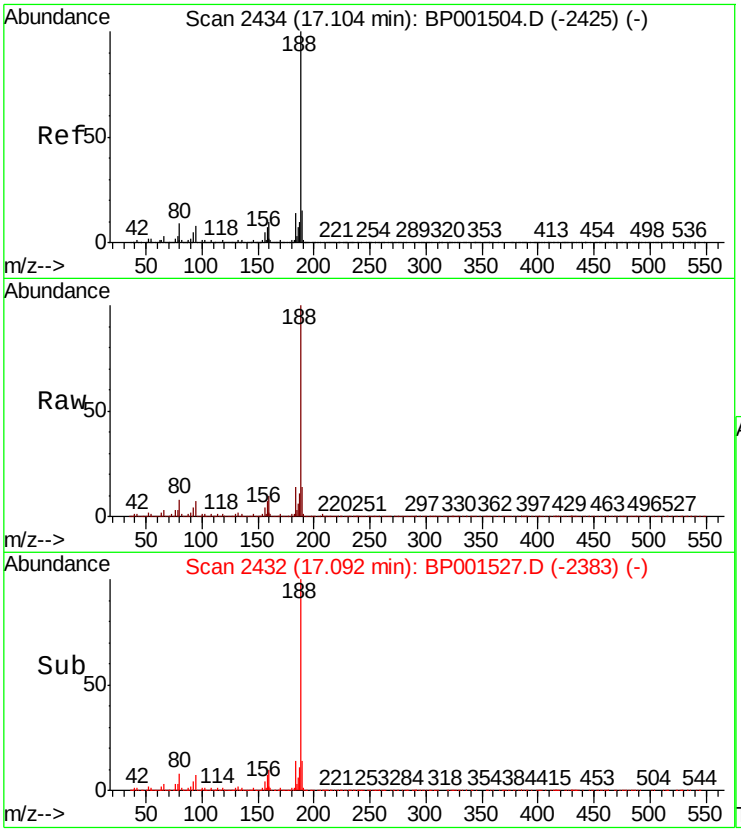


#45
2-Fluorobiphenyl
Concen: 12.919 ng
RT: 12.95 min Scan# 1728
Delta R.T. -0.02 min
Lab File: BP001527.D
Acq: 04 Jan 2020 02:16

Tgt Ion:172 Resp: 131831

Ion	Ratio	Lower	Upper
172	100		
171	31.3	26.7	40.1
170	22.4	18.7	28.1



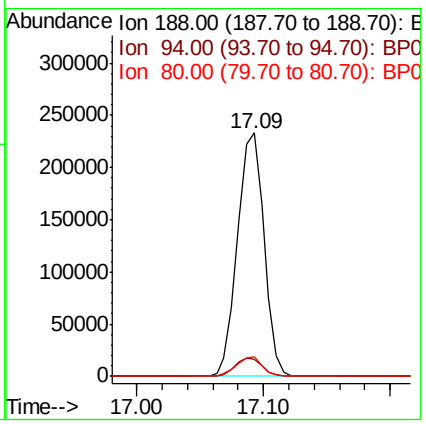


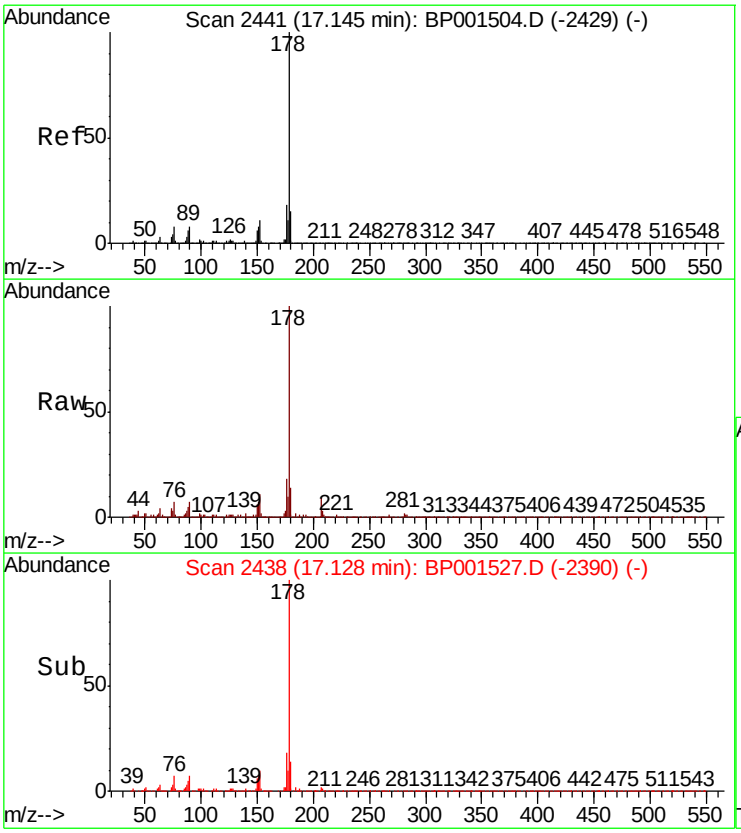
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.09 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BP001527.D
Acq: 04 Jan 2020 02:16

Instrument :
BNA_P
ClientSampleId :
MC-010220-0-2-COMP-B3

Tgt Ion:188 Resp: 338510

Ion	Ratio	Lower	Upper
188	100		
94	6.9	6.5	9.7
80	7.8	7.3	10.9

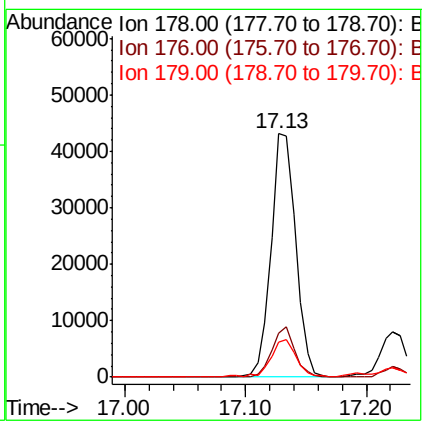


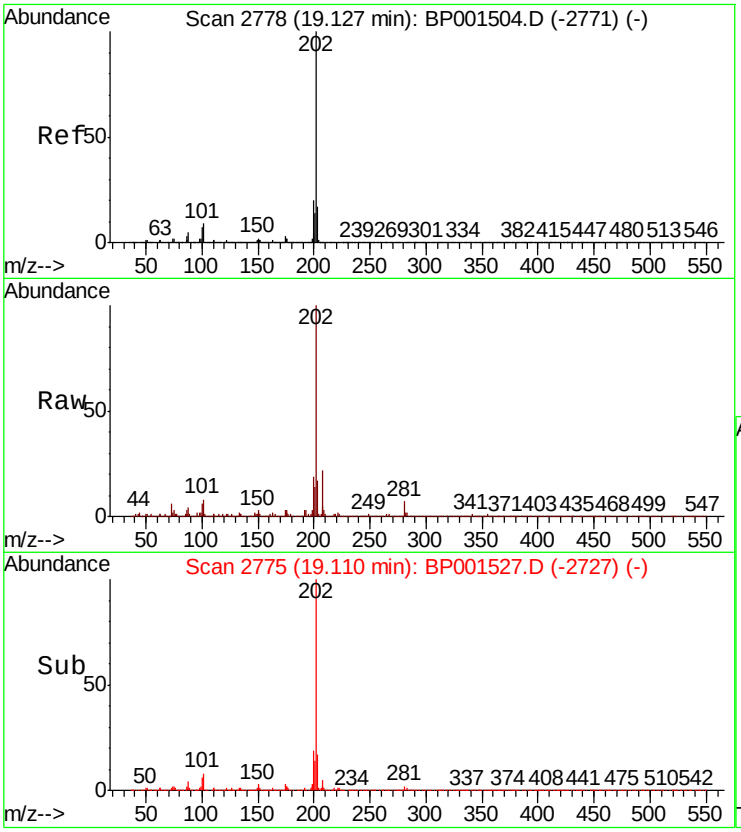


#71
Phenanthrene
Concen: 3.303 ng
RT: 17.13 min Scan# 2438
Delta R.T. -0.02 min
Lab File: BP001527.D
Acq: 04 Jan 2020 02:16

Tgt Ion:178 Resp: 60646

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.6	22.0
179	14.4	12.3	18.5



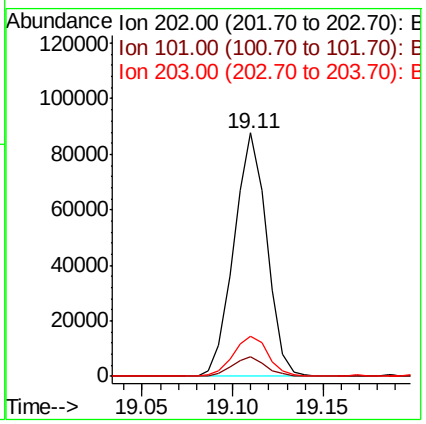


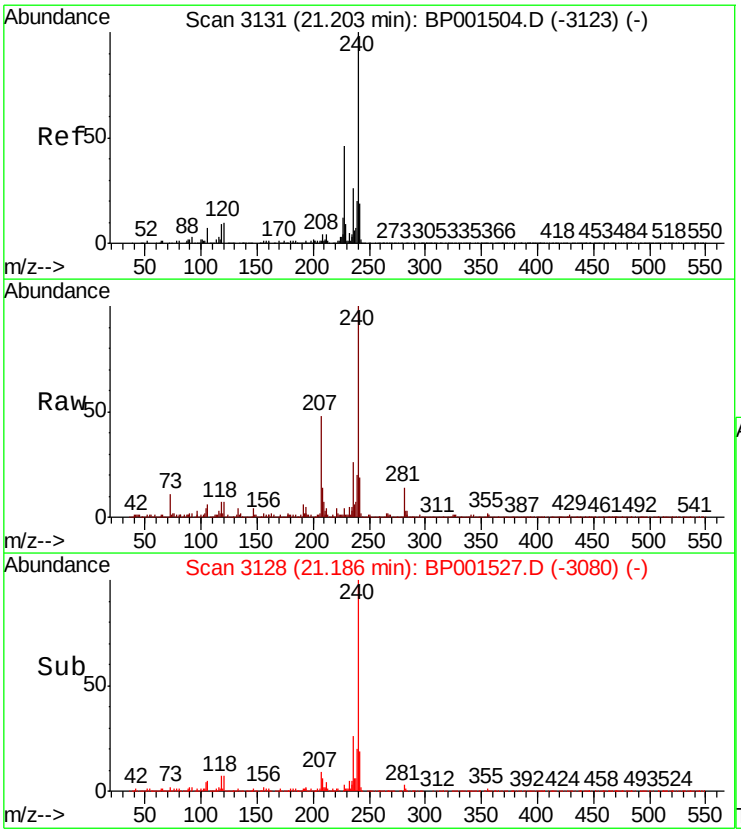
#75
Fluoranthene
Concen: 4.950 ng
RT: 19.11 min Scan# 2775
Delta R.T. -0.02 min
Lab File: BP001527.D
Acq: 04 Jan 2020 02:16

Instrument :
BNA_P
ClientSampleId :
MC-010220-0-2-COMP-B3

Tgt Ion:202 Resp: 110024

Ion	Ratio	Lower	Upper
202	100		
101	8.2	0.0	29.3
203	16.7	0.0	36.7

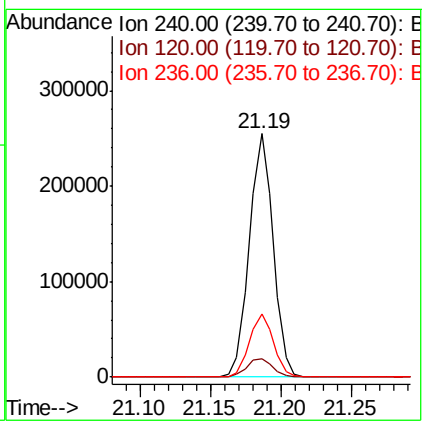


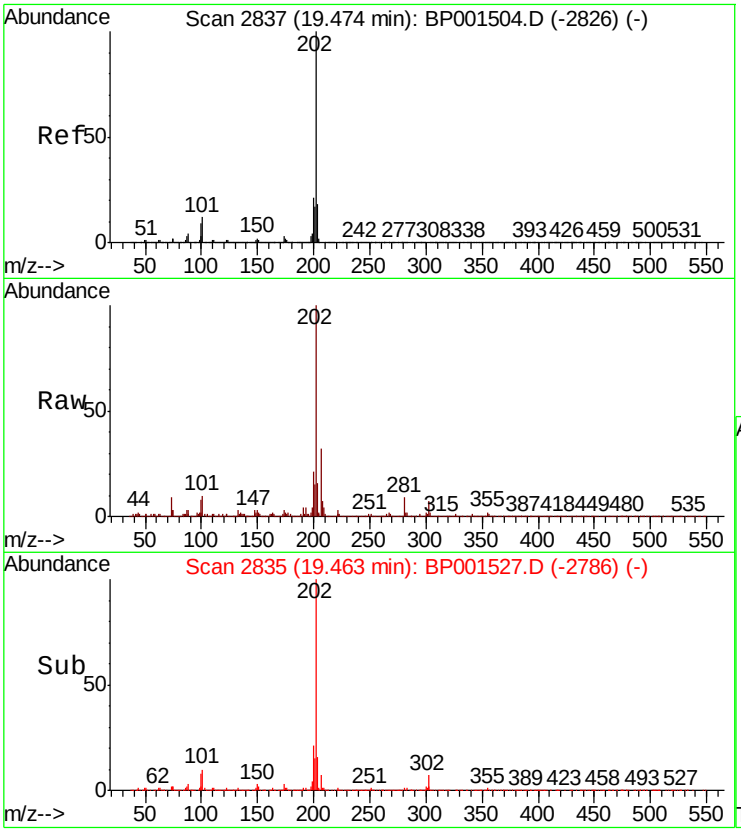


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.19 min Scan# 3128
Delta R.T. -0.02 min
Lab File: BP001527.D
Acq: 04 Jan 2020 02:16

Tgt Ion:240 Resp: 303492

Ion	Ratio	Lower	Upper
240	100		
120	7.5	8.1	12.1#
236	26.0	20.9	31.3



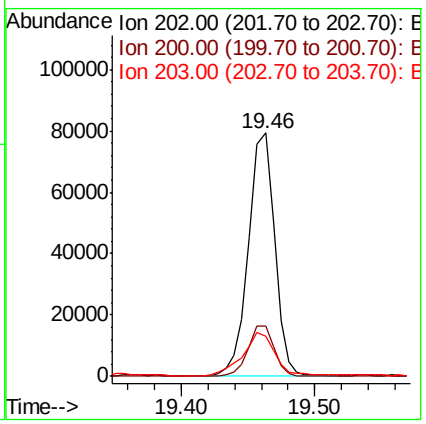


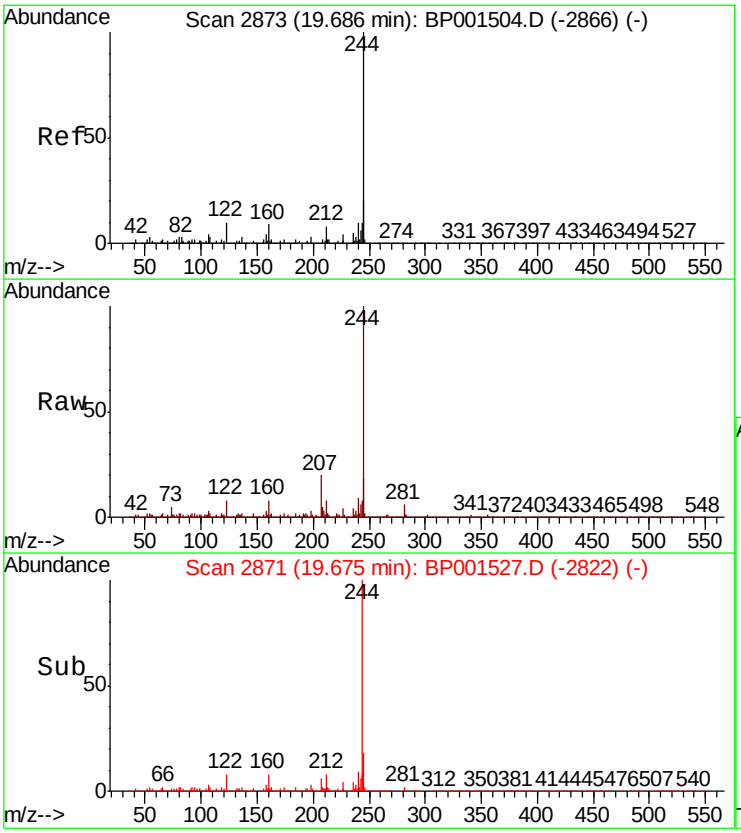
#78
Pyrene
Concen: 4.874 ng
RT: 19.46 min Scan# 2835
Delta R.T. -0.01 min
Lab File: BP001527.D
Acq: 04 Jan 2020 02:16

Instrument :
BNA_P
ClientSampleId :
MC-010220-0-2-COMP-B3

Tgt Ion:202 Resp: 107351

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.4	24.6
203	16.4	14.2	21.2

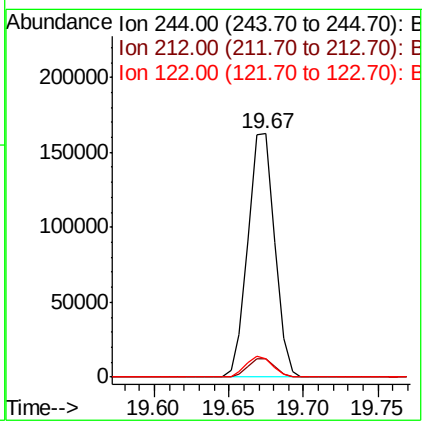


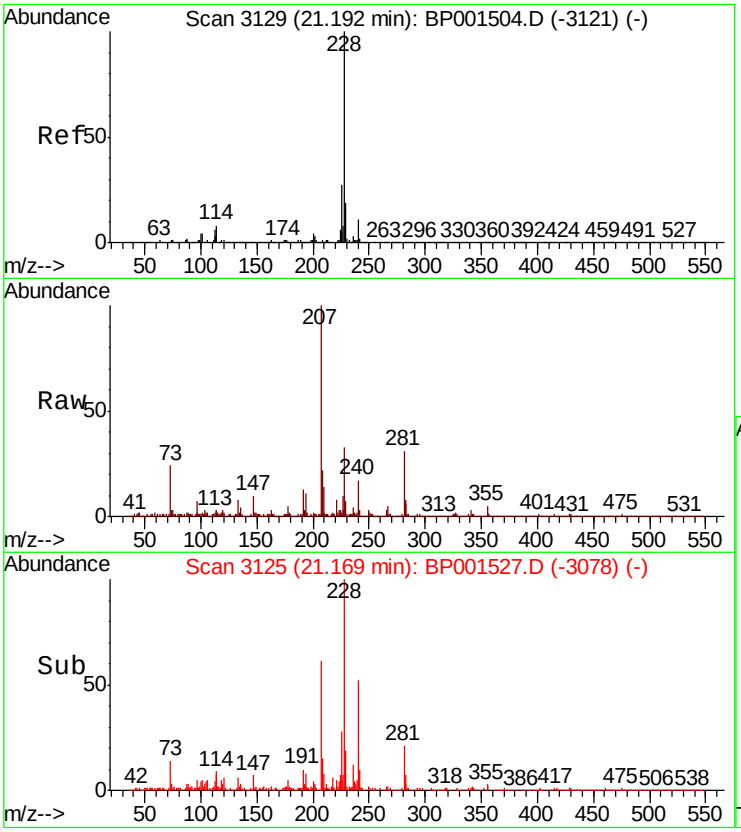


#79
Terphenyl-d14
Concen: 13.211 ng
RT: 19.67 min Scan# 2871
Delta R.T. -0.01 min
Lab File: BP001527.D
Acq: 04 Jan 2020 02:16

Tgt Ion:244 Resp: 201183

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.6	9.8
122	7.8	7.8	11.6



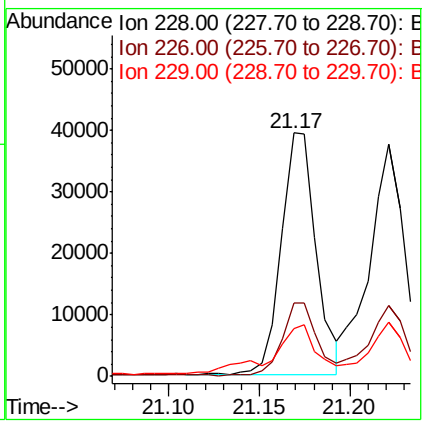


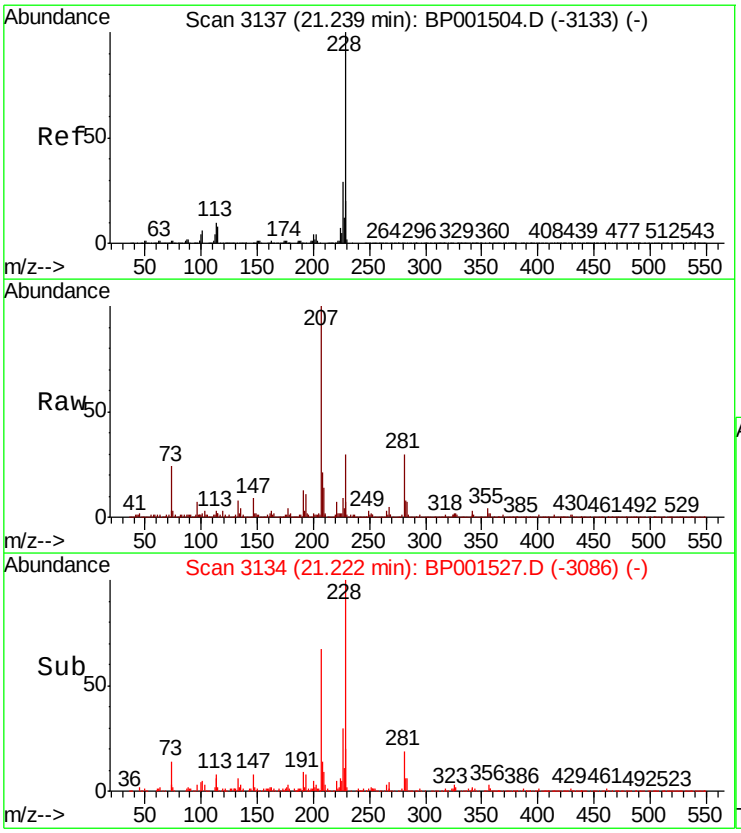
#81
Benzo(a)anthracene
Concen: 2.490 ng
RT: 21.17 min Scan# 3125
Delta R.T. -0.02 min
Lab File: BP001527.D
Acq: 04 Jan 2020 02:16

Instrument :
BNA_P
ClientSampleId :
MC-010220-0-2-COMP-B3

Tgt Ion:228 Resp: 53029

Ion	Ratio	Lower	Upper
228	100		
226	29.9	21.5	32.3
229	19.8	15.4	23.2

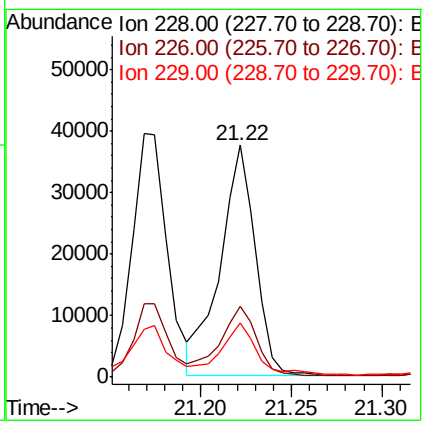


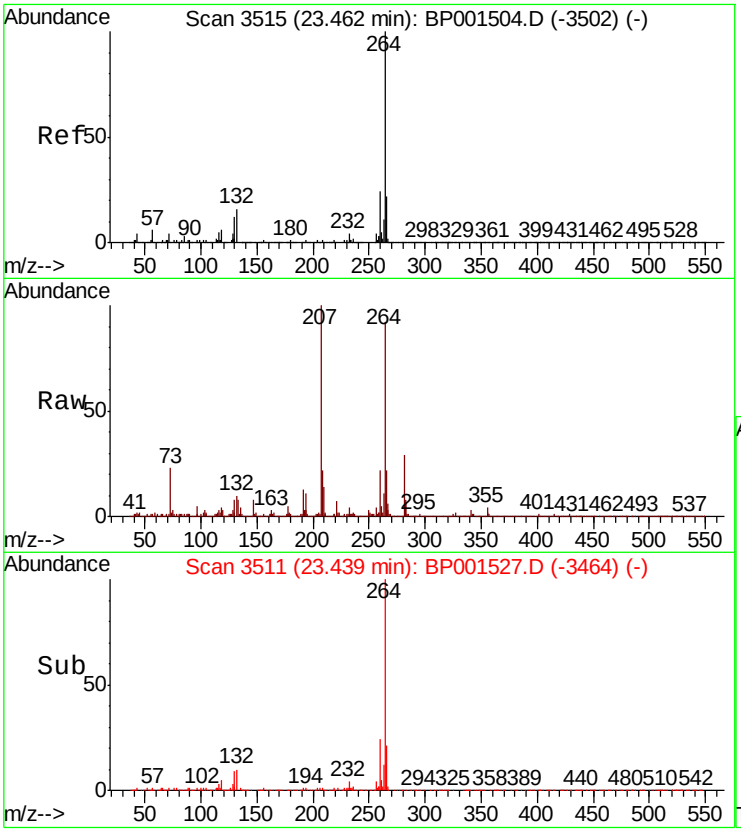


#83
Chrysene
Concen: 2.476 ng
RT: 21.22 min Scan# 3134
Delta R.T. -0.02 min
Lab File: BP001527.D
Acq: 04 Jan 2020 02:16

Tgt Ion:228 Resp: 50553

Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.0	34.6
229	23.2	15.7	23.5



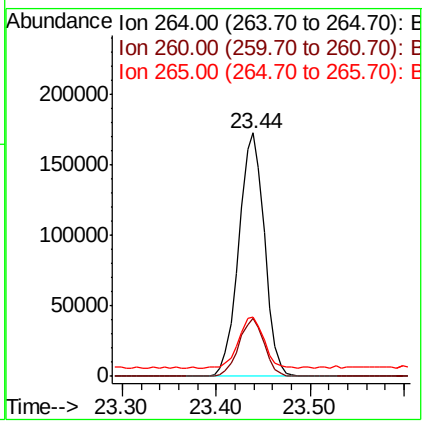


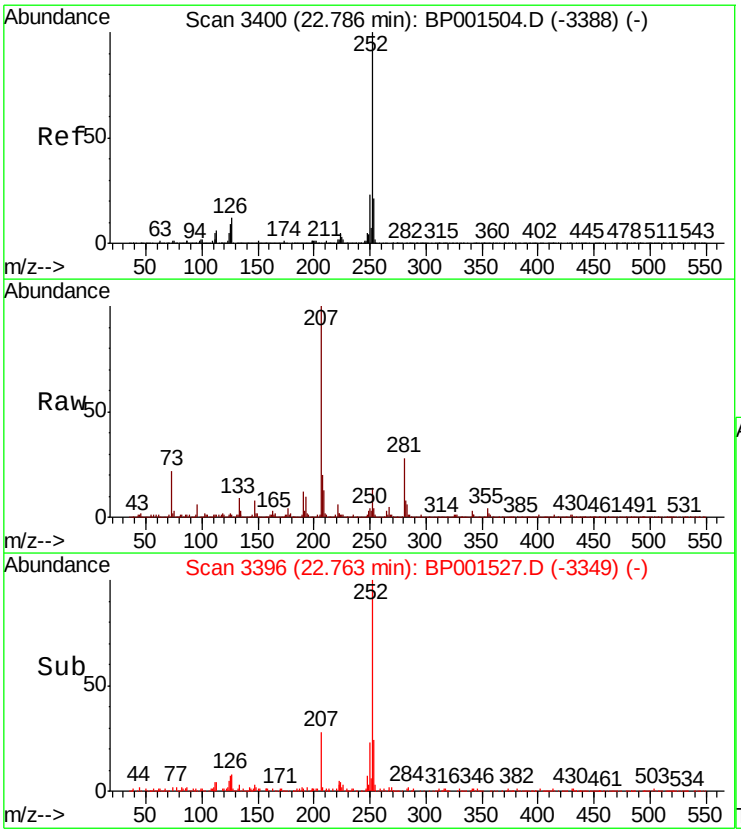
#87
Perylene-d12
Concen: 20.000 ng
RT: 23.44 min Scan# 3511
Delta R.T. -0.02 min
Lab File: BP001527.D
Acq: 04 Jan 2020 02:16

Instrument :
BNA_P
ClientSampleId :
MC-010220-0-2-COMP-B3

Tgt Ion:264 Resp: 324730

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.4
265	24.4	17.2	25.8

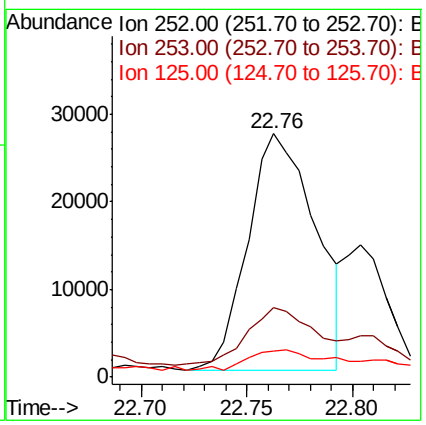


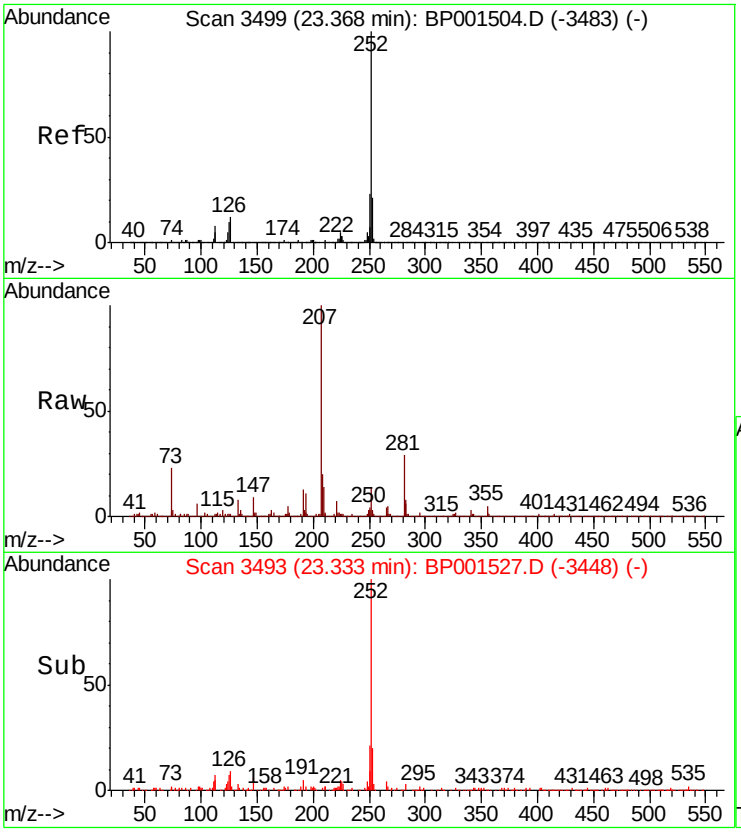


#88
Benzo(b)fluoranthene
Concen: 3.008 ng
RT: 22.76 min Scan# 3396
Delta R.T. -0.02 min
Lab File: BP001527.D
Acq: 04 Jan 2020 02:16

Tgt Ion:252 Resp: 60487

Ion	Ratio	Lower	Upper
252	100		
253	28.7	17.0	25.6#
125	10.8	7.2	10.8





#90
Benzo(a)pyrene
Concen: 2.423 ng
RT: 23.33 min Scan# 3493
Delta R.T. -0.03 min
Lab File: BP001527.D
Acq: 04 Jan 2020 02:16

Instrument :
BNA_P
ClientSampleId :
MC-010220-0-2-COMP-B3

Tgt Ion:252 Resp: 45612

Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.1	25.7
125	10.4	7.7	11.5