Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082820\
Data File : BP003160.D
Acq On : 28 Aug 2020 20:32
Operator : CG/JU
Sample : L3837-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 789UMR-TP07-1218-01

Quant Time: Aug 29 02:08:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 24 15:32:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	250970	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	1012086	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	620539	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	1352398	20.00	ng	-0.01
76) Chrysene-d12	21.15	240	1420523	20.00	ng	-0.01
86) Perylene-d12	23.38	264	1324242	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1117486	78.72	ng	0.00
7) Phenol-d6	6.85	99	1335032	75.03	ng	0.00
23) Nitrobenzene-d5	8.80	82	792812	56.47	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	669351	79.75	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	2364676	55.81	ng	0.00
79) Terphenyl-d14	19.63	244	3437971	53.26	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	13.76	163	197268	4.169	ng	99
71) Phenanthrene	17.09	178	192725	2.630	ng	99
75) Fluoranthene	19.07	202	508957	6.009	ng	99
78) Pyrene	19.42	202	409444	4.441	ng	100
81) Benzo(a)anthracene	21.13	228	209396	2.353	ng	100
83) Chrysene	21.18	228	245840	2.886	ng	98
88) Benzo(b)fluoranthene	22.71	252	325378	3.953	ng	99
90) Benzo(a)pyrene	23.28	252	189960	2.488	ng	98

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

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Acq On : 28 Aug 2020 20:32
Operator : CG/JU
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
789UMR-TP07-1218-01

Quant Time: Aug 29 02:08:20 2020
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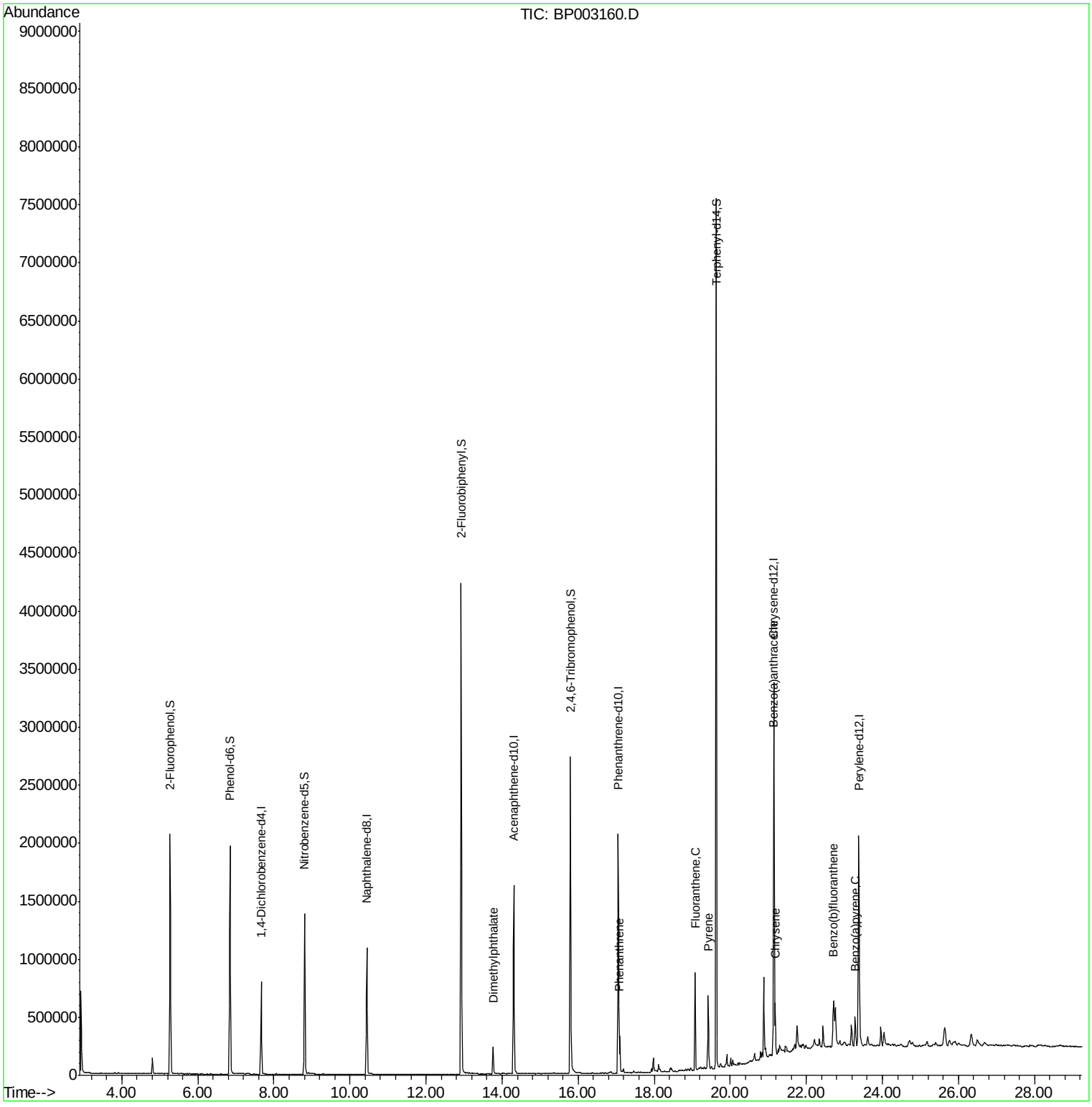
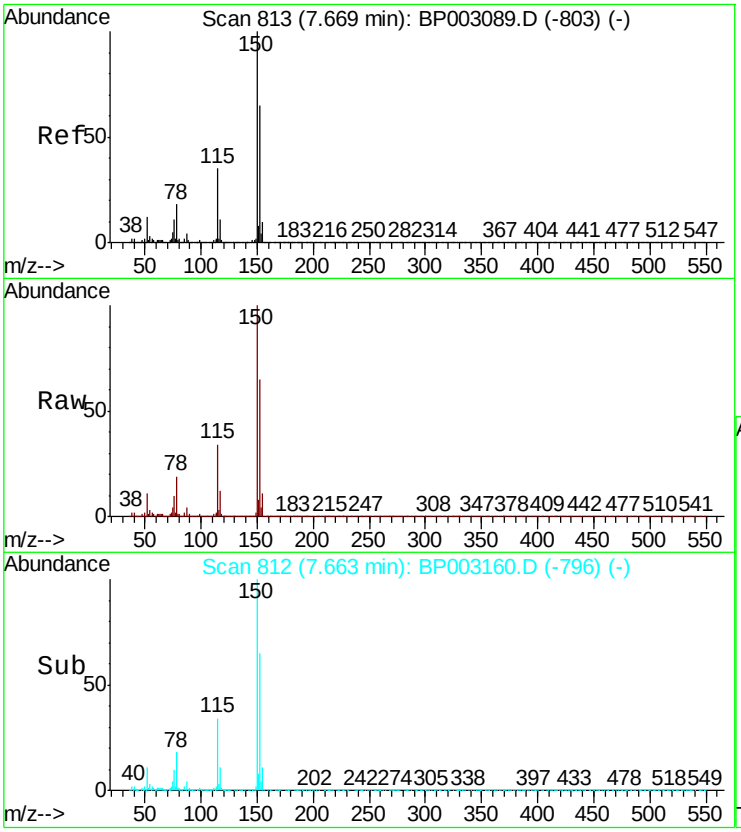
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 24 15:32:08 2020
Response via : Initial Calibration



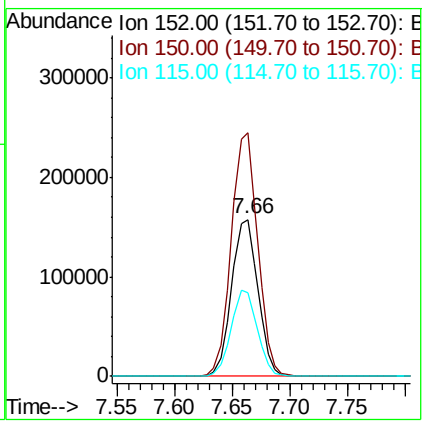


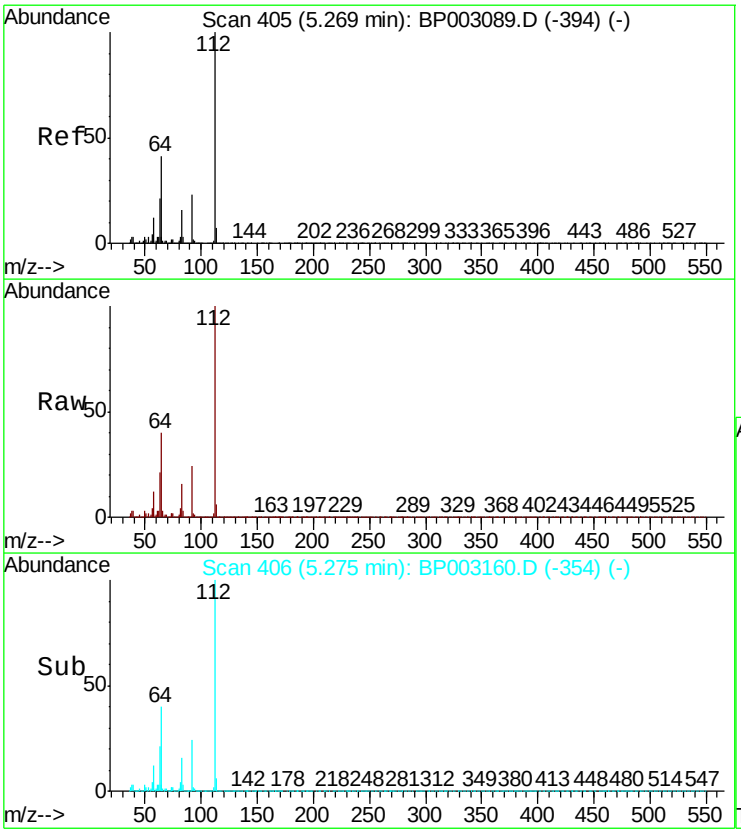
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 812
Delta R.T. -0.01 min
Lab File: BP003160.D
Acq: 28 Aug 2020 20:32

Instrument :
BNA_P
ClientSampleId :
789UMR-TP07-1218-01

Tgt Ion:152 Resp: 250970

Ion	Ratio	Lower	Upper
152	100		
150	155.0	123.1	184.7
115	53.4	42.8	64.2

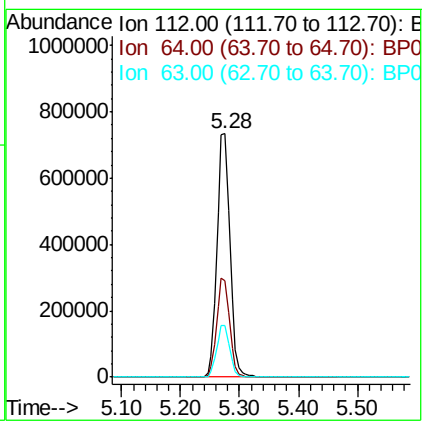


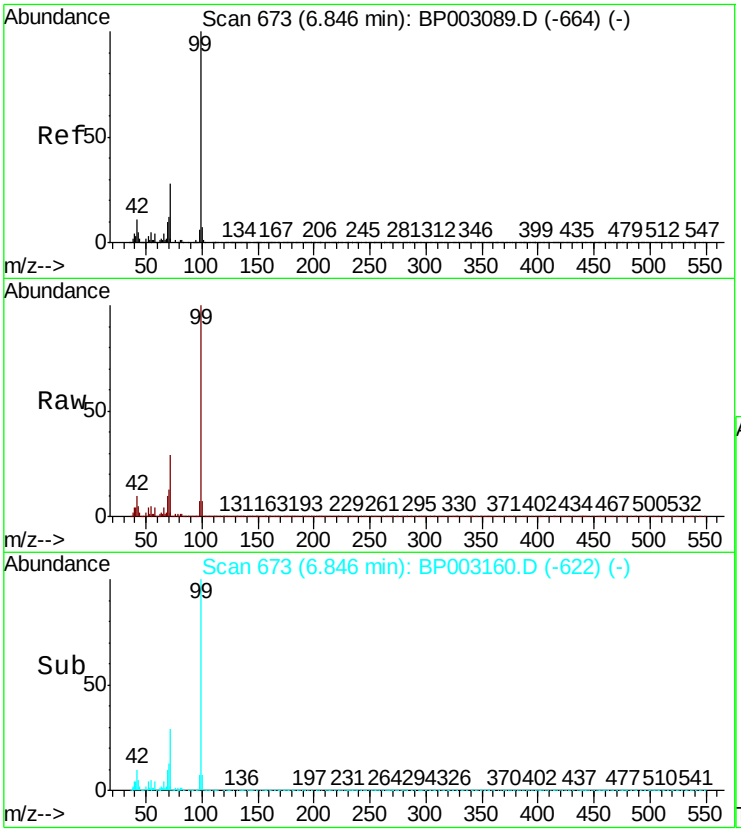


#5
2-Fluorophenol
Concen: 78.724 ng
RT: 5.28 min Scan# 406
Delta R.T. 0.01 min
Lab File: BP003160.D
Acq: 28 Aug 2020 20:32

Tgt Ion:112 Resp: 1117486

Ion	Ratio	Lower	Upper
112	100		
64	39.6	33.0	49.6
63	21.0	16.9	25.3



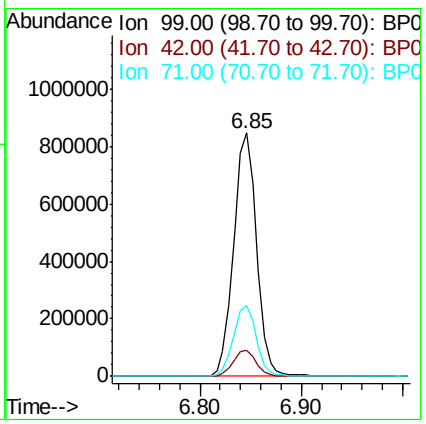


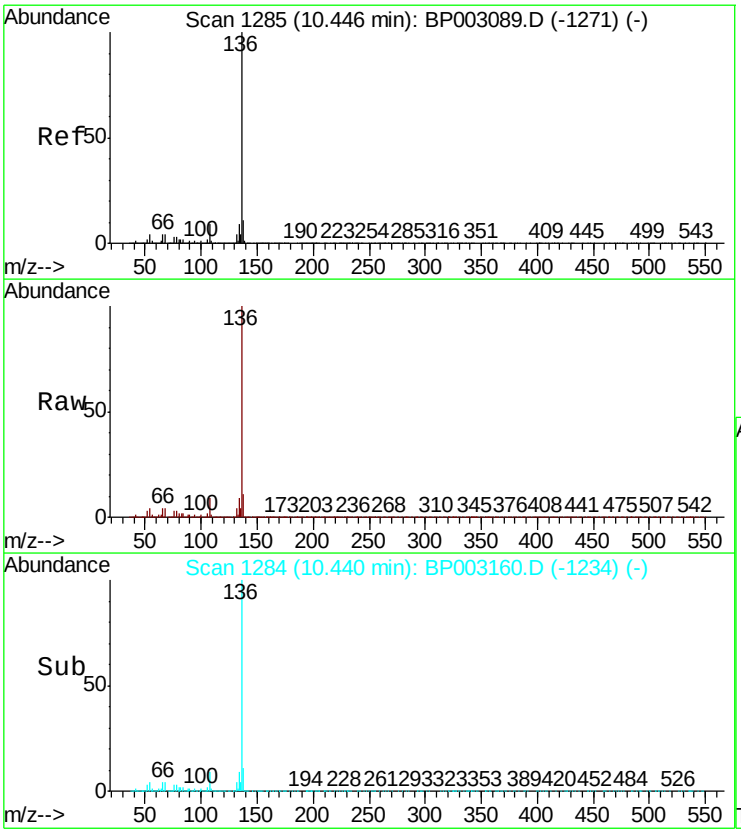
#7
Phenol-d6
Concen: 75.026 ng
RT: 6.85 min Scan# 673
Delta R.T. 0.00 min
Lab File: BP003160.D
Acq: 28 Aug 2020 20:32

Instrument :
BNA_P
ClientSampleId :
789UMR-TP07-1218-01

Tgt Ion: 99 Resp: 1335032

Ion	Ratio	Lower	Upper
99	100		
42	10.5	8.5	12.7
71	29.3	22.8	34.2

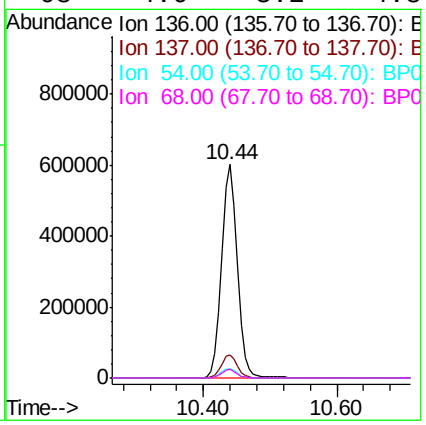


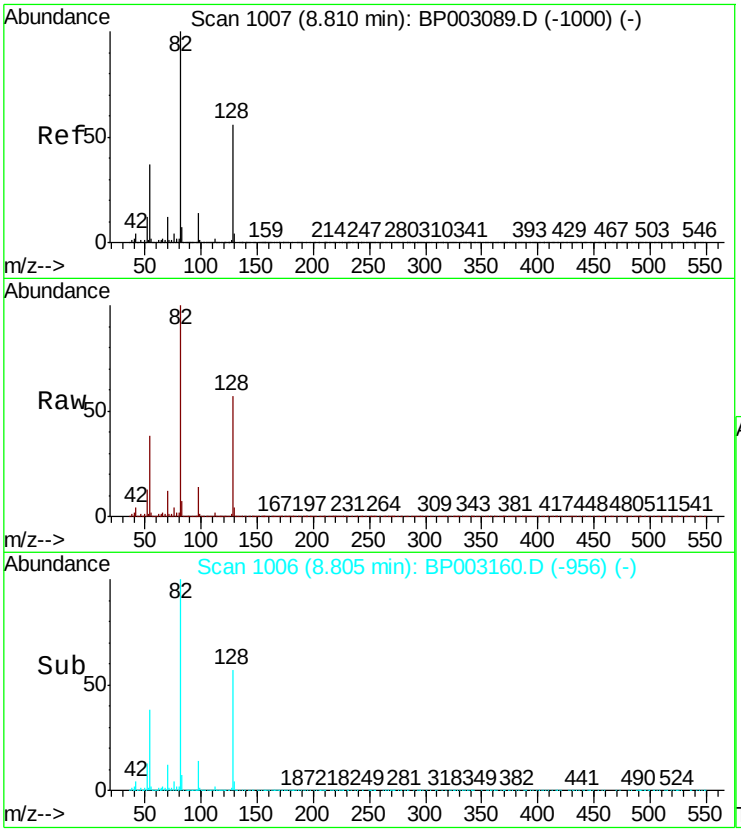


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.44 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BP003160.D
Acq: 28 Aug 2020 20:32

Tgt Ion:136 Resp: 1012086

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	4.3	3.5	5.3
68	4.0	3.2	4.8



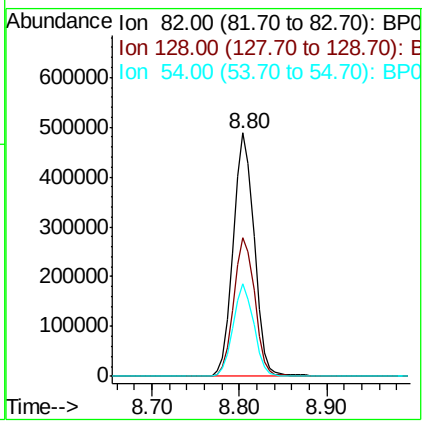


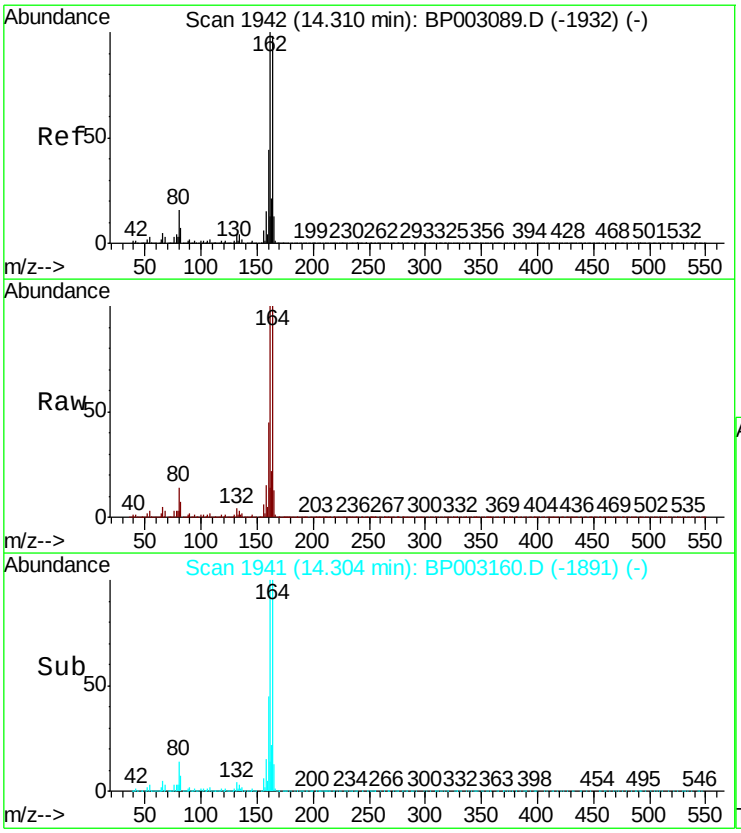
#23
Nitrobenzene-d5
Concen: 56.472 ng
RT: 8.80 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BP003160.D
Acq: 28 Aug 2020 20:32

Instrument :
BNA_P
ClientSampleId :
789UMR-TP07-1218-01

Tgt Ion: 82 Resp: 792812

Ion	Ratio	Lower	Upper
82	100		
128	57.2	44.9	67.3
54	38.0	29.4	44.2

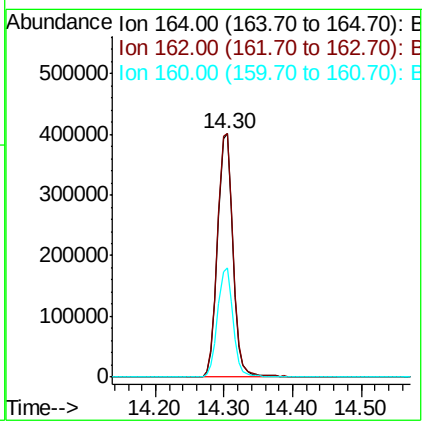


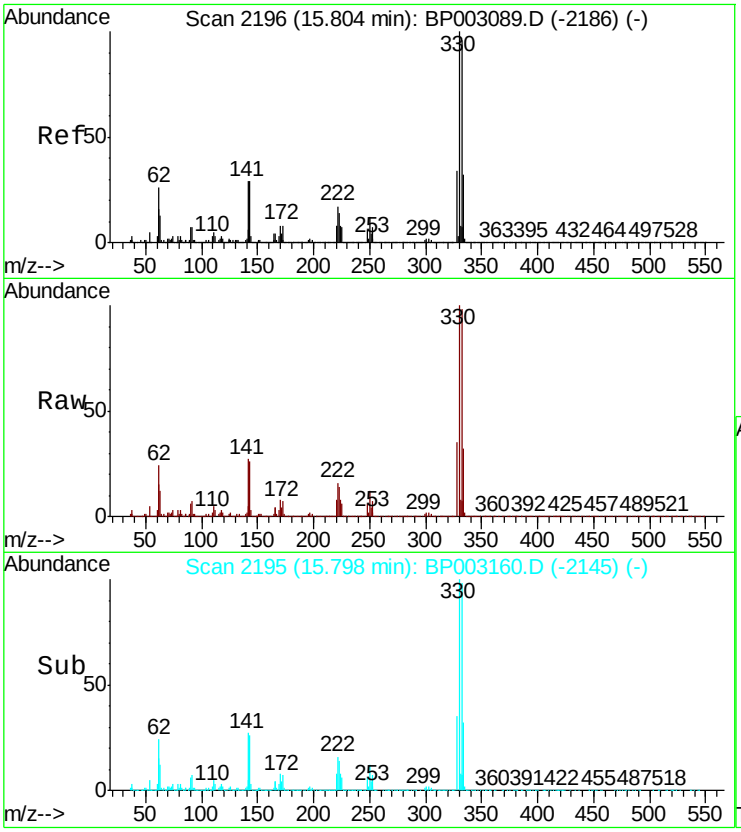


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1941
Delta R.T. -0.01 min
Lab File: BP003160.D
Acq: 28 Aug 2020 20:32

Tgt Ion:164 Resp: 620539

Ion	Ratio	Lower	Upper
164	100		
162	100.0	81.2	121.8
160	44.7	36.0	54.0



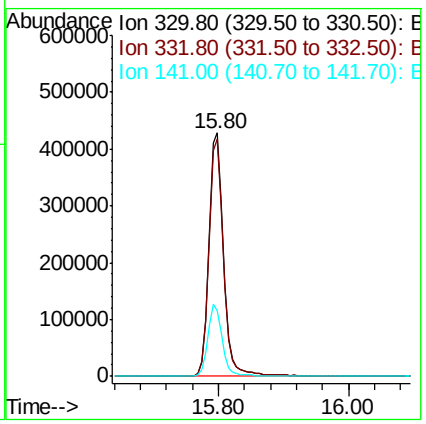


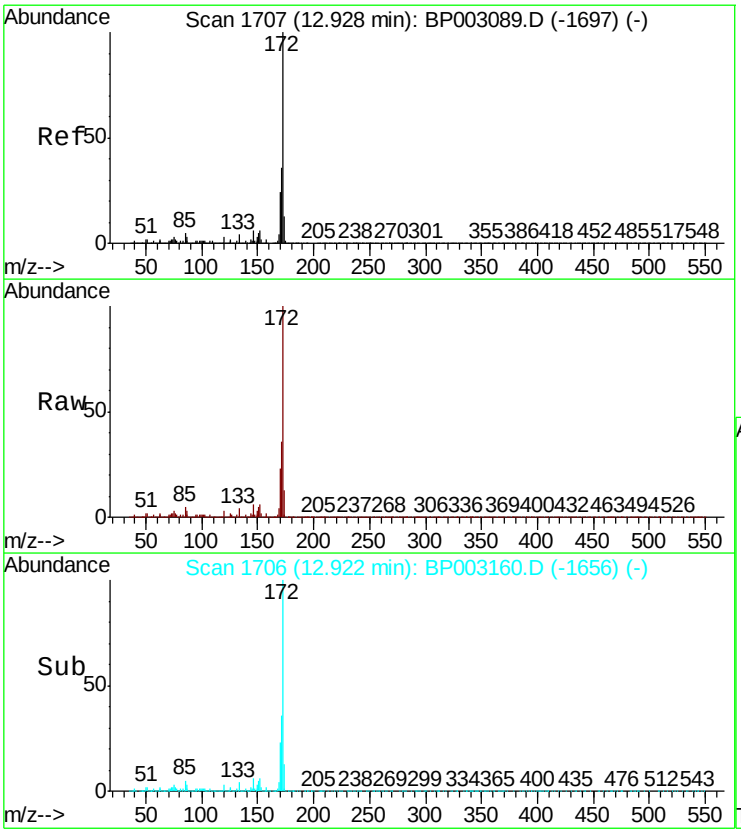
#42
2,4,6-Tribromophenol
Concen: 79.755 ng
RT: 15.80 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BP003160.D
Acq: 28 Aug 2020 20:32

Instrument :
BNA_P
ClientSampleId :
789UMR-TP07-1218-01

Tgt Ion:330 Resp: 669351

Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.3	115.9
141	29.1	24.4	36.6

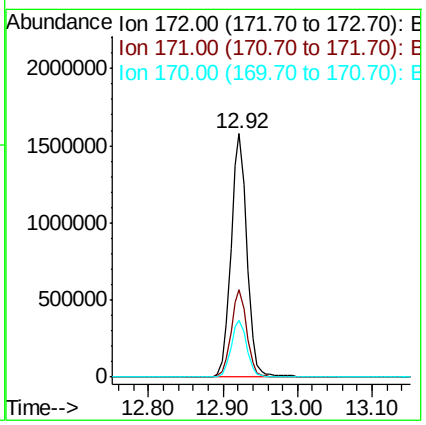


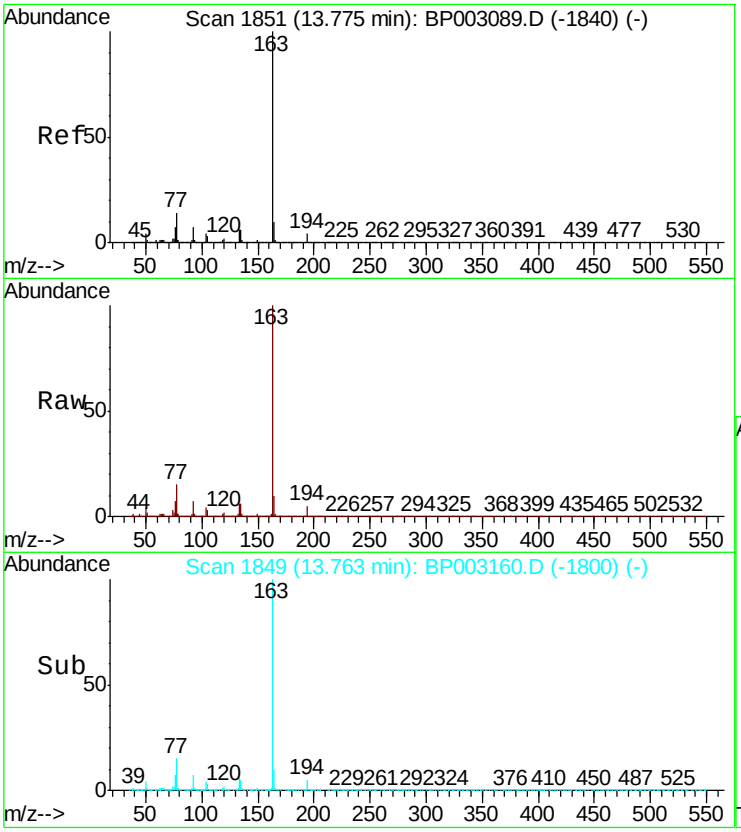


#45
2-Fluorobiphenyl
Concen: 55.806 ng
RT: 12.92 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BP003160.D
Acq: 28 Aug 2020 20:32

Tgt Ion:172 Resp: 2364676

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.7	43.1
170	23.5	19.0	28.4



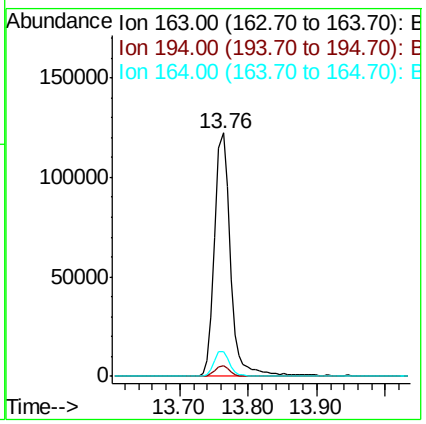


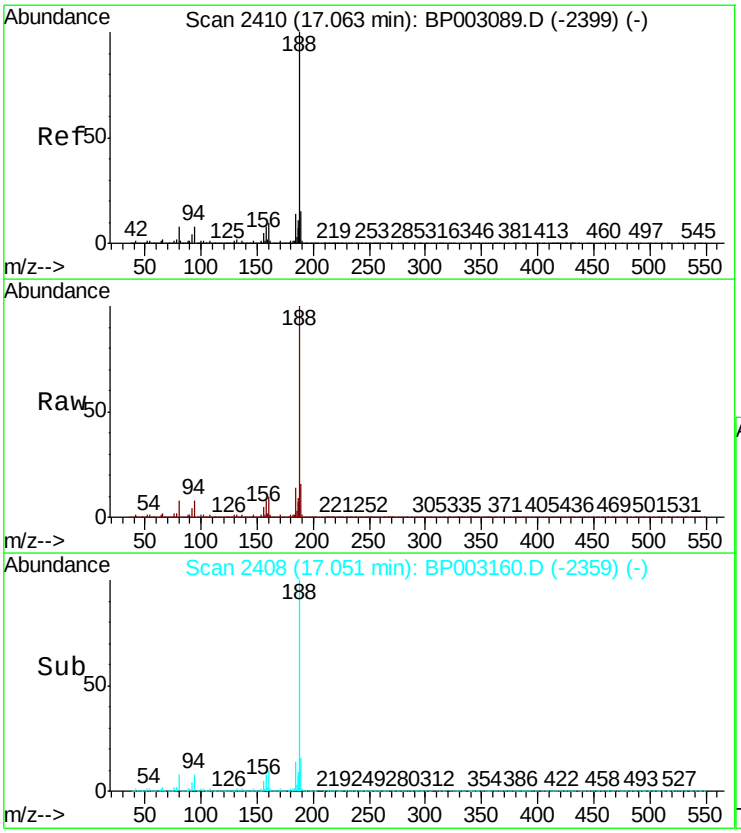
#50
Dimethylphthalate
Concen: 4.169 ng
RT: 13.76 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BP003160.D
Acq: 28 Aug 2020 20:32

Instrument :
BNA_P
ClientSampleId :
789UMR-TP07-1218-01

Tgt Ion:163 Resp: 197268

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.0
164	9.9	8.1	12.1

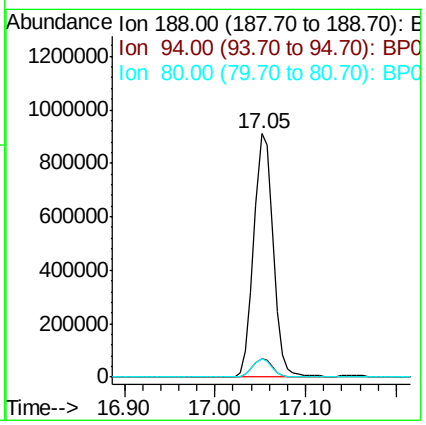


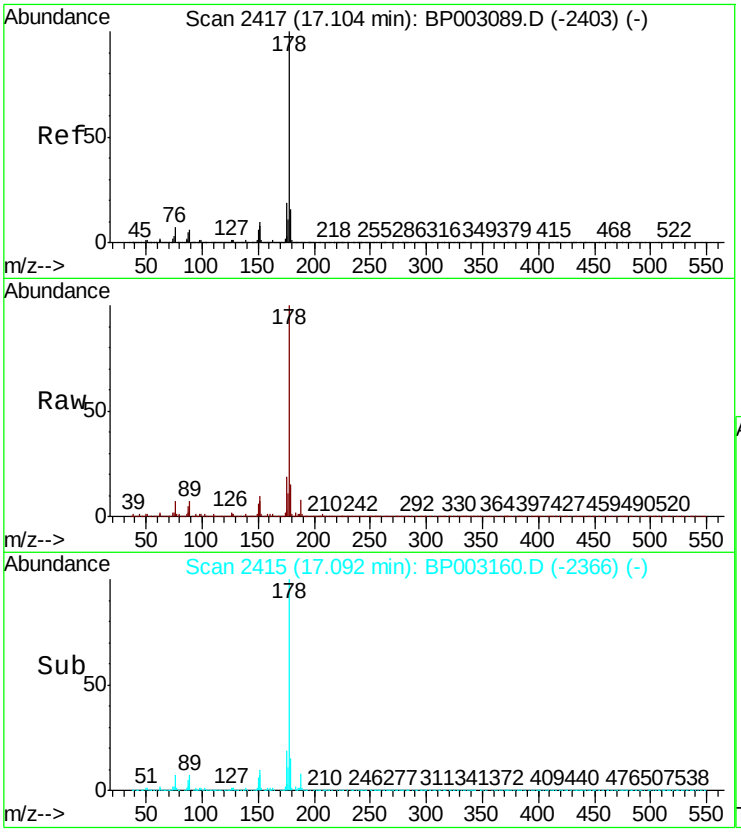


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2408
Delta R.T. -0.01 min
Lab File: BP003160.D
Acq: 28 Aug 2020 20:32

Tgt Ion:188 Resp: 1352398

Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.2	9.4
80	7.8	6.4	9.6



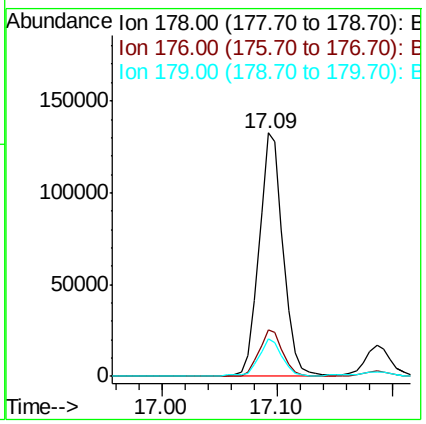


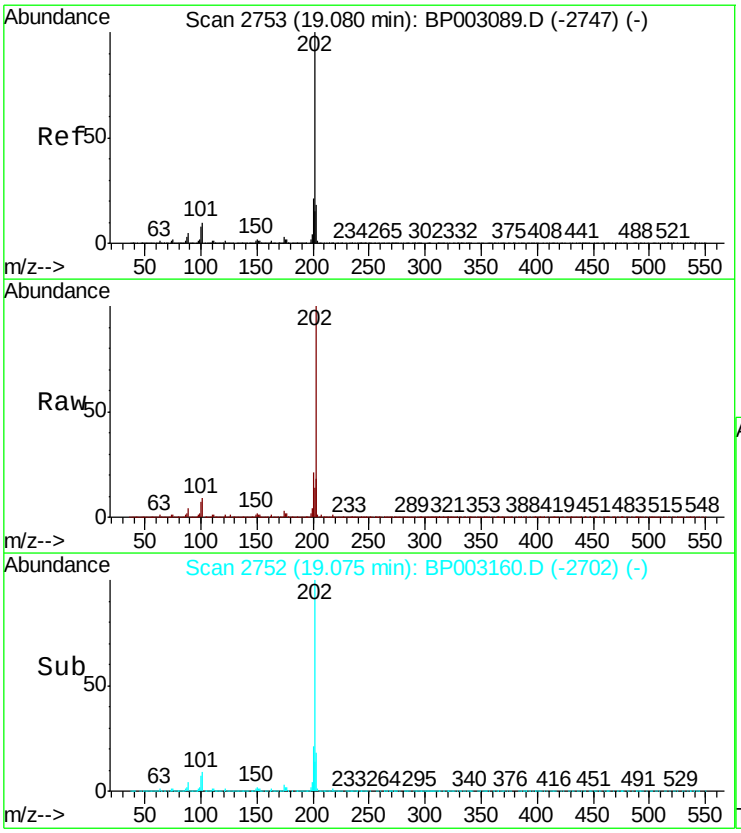
#71
Phenanthrene
Concen: 2.630 ng
RT: 17.09 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BP003160.D
Acq: 28 Aug 2020 20:32

Instrument :
BNA_P
ClientSampleId :
789UMR-TP07-1218-01

Tgt Ion:178 Resp: 192725

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	15.5	12.4	18.6

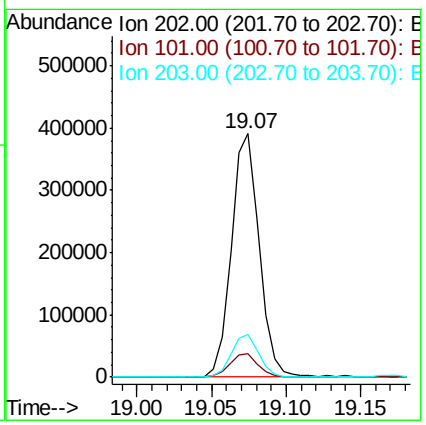


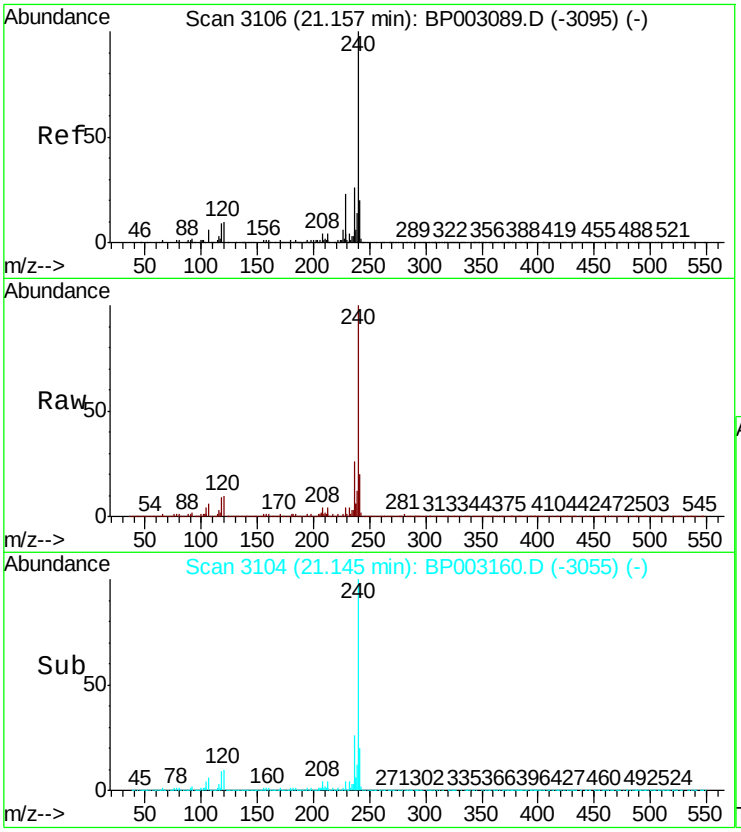


#75
Fluoranthene
Concen: 6.009 ng
RT: 19.07 min Scan# 2752
Delta R.T. -0.01 min
Lab File: BP003160.D
Acq: 28 Aug 2020 20:32

Tgt Ion:202 Resp: 508957

Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	30.0
203	17.7	0.0	37.7



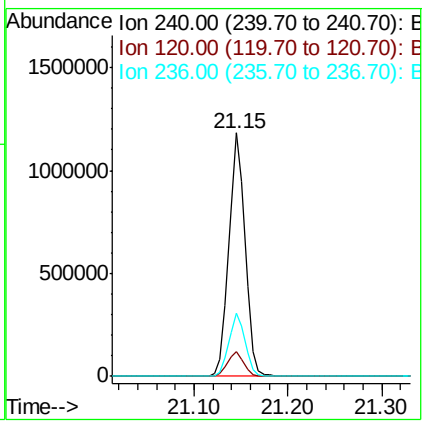


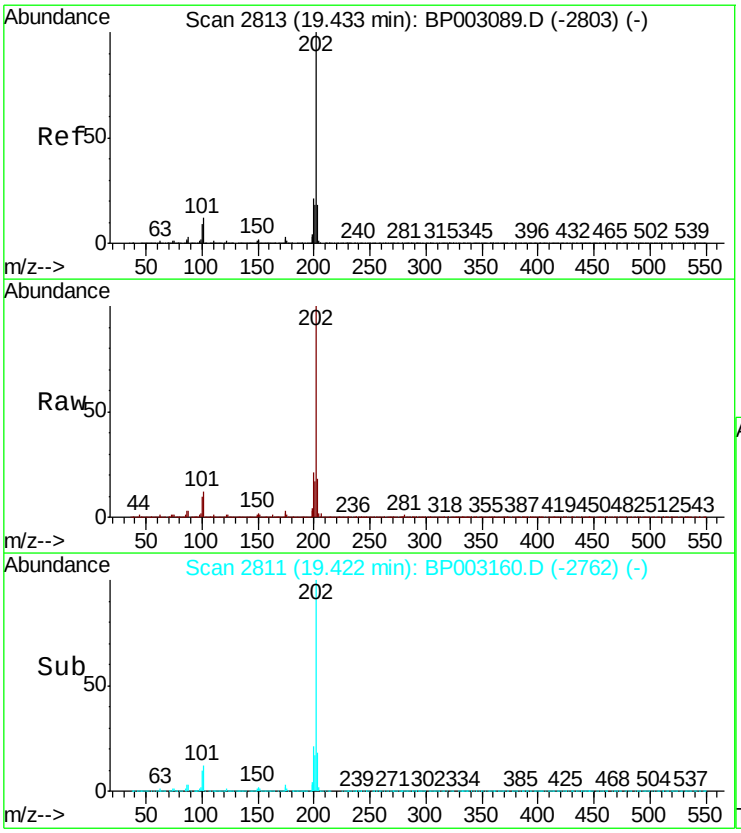
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.15 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BP003160.D
Acq: 28 Aug 2020 20:32

Instrument :
BNA_P
ClientSampleId :
789UMR-TP07-1218-01

Tgt Ion:240 Resp: 1420523

Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.4	12.6
236	25.9	20.6	31.0

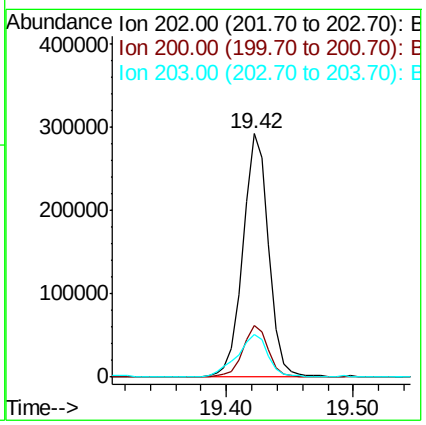


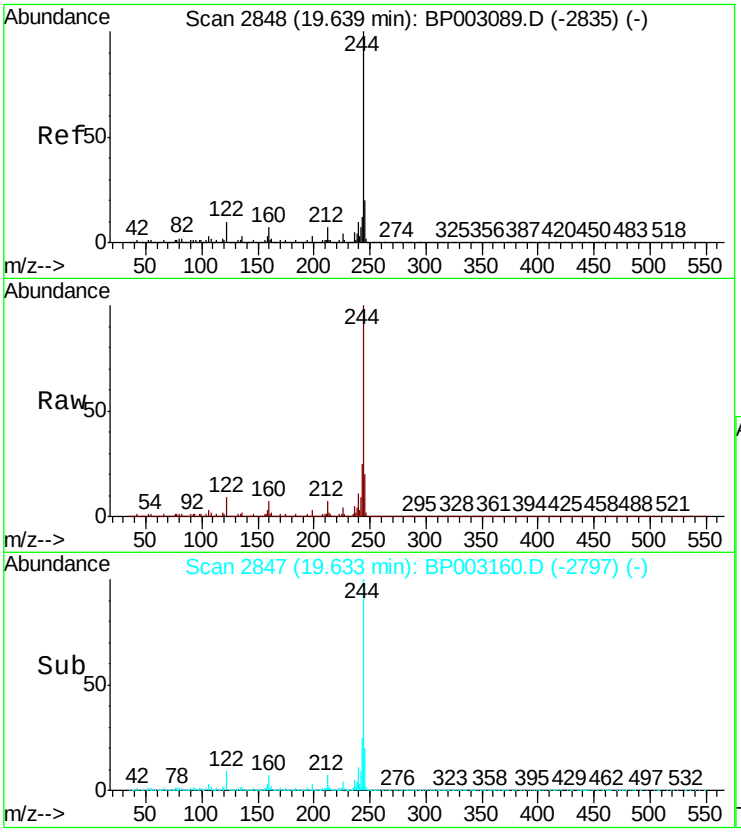


#78
Pyrene
Concen: 4.441 ng
RT: 19.42 min Scan# 2811
Delta R.T. -0.01 min
Lab File: BP003160.D
Acq: 28 Aug 2020 20:32

Tgt Ion:202 Resp: 409444

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.0	25.4
203	17.8	14.0	21.0



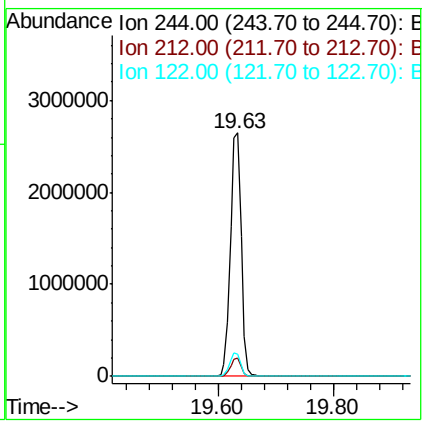


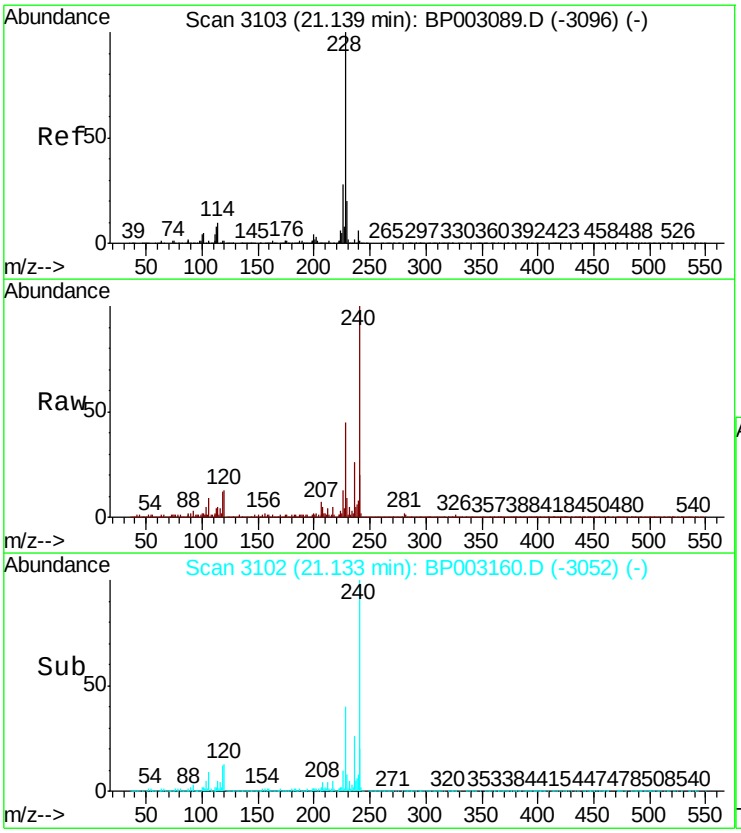
#79
Terphenyl-d14
Concen: 53.255 ng
RT: 19.63 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BP003160.D
Acq: 28 Aug 2020 20:32

Instrument :
BNA_P
ClientSampleId :
789UMR-TP07-1218-01

Tgt Ion:244 Resp: 3437971

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	9.2	7.7	11.5

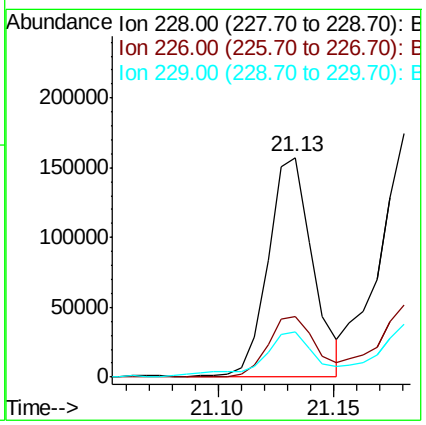


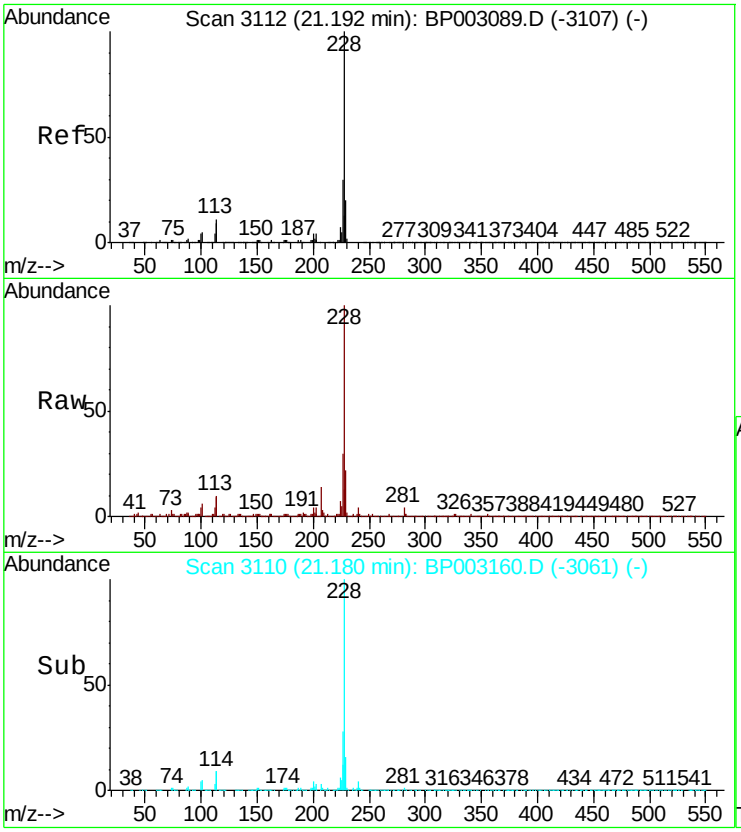


#81
Benzo(a)anthracene
Concen: 2.353 ng
RT: 21.13 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BP003160.D
Acq: 28 Aug 2020 20:32

Tgt Ion:228 Resp: 209396

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.0	33.0
229	20.3	16.2	24.2



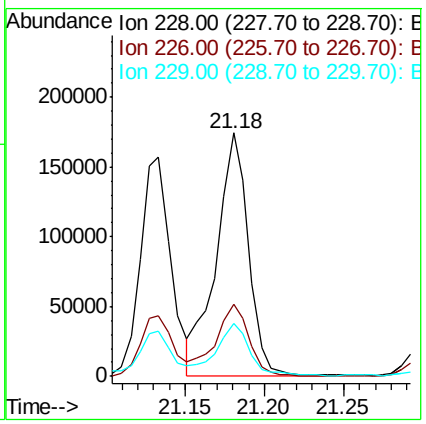


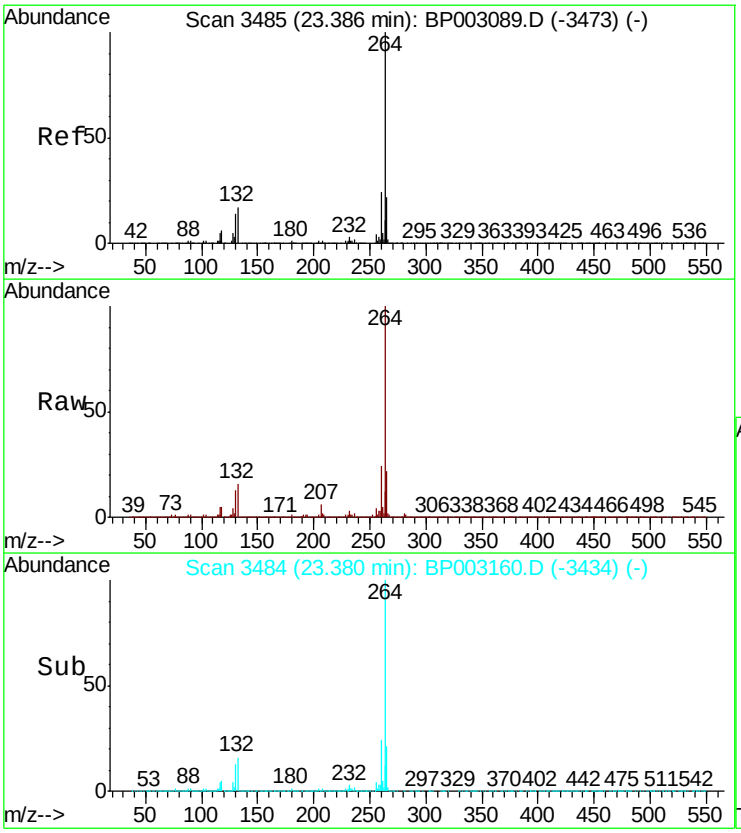
#83
Chrysene
Concen: 2.886 ng
RT: 21.18 min Scan# 3110
Delta R.T. -0.01 min
Lab File: BP003160.D
Acq: 28 Aug 2020 20:32

Instrument :
BNA_P
ClientSampleId :
789UMR-TP07-1218-01

Tgt Ion:228 Resp: 245840

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.2	36.4
229	21.8	16.0	24.0

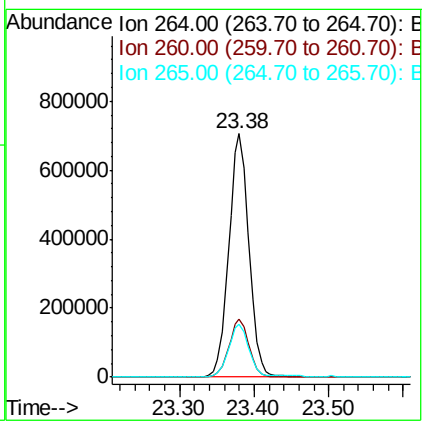


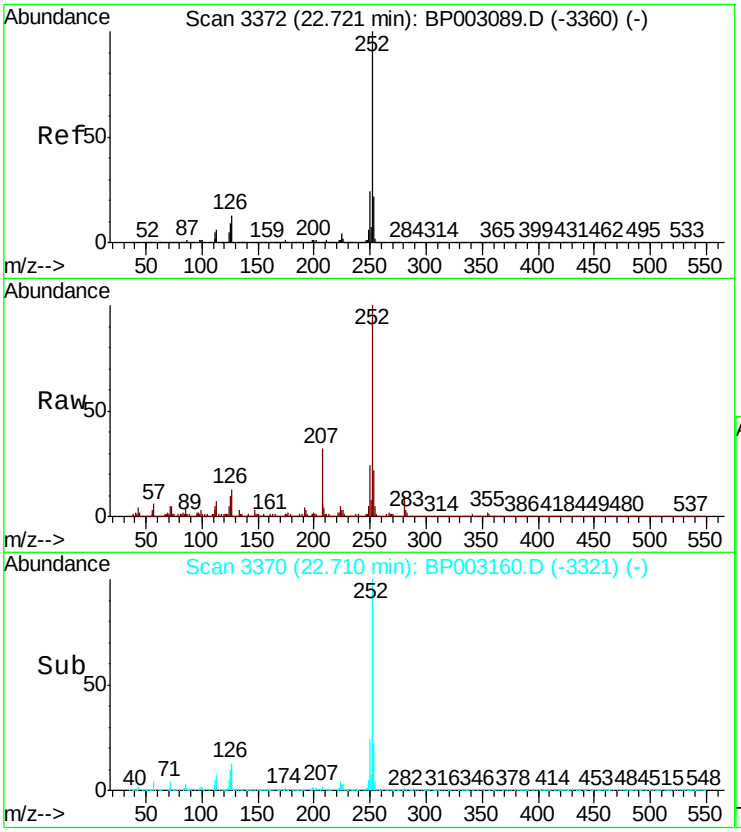


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.38 min Scan# 3484
Delta R.T. -0.01 min
Lab File: BP003160.D
Acq: 28 Aug 2020 20:32

Tgt Ion:264 Resp: 1324242

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.6
265	21.6	17.7	26.5



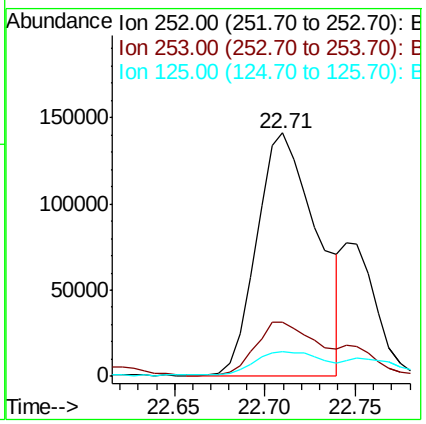


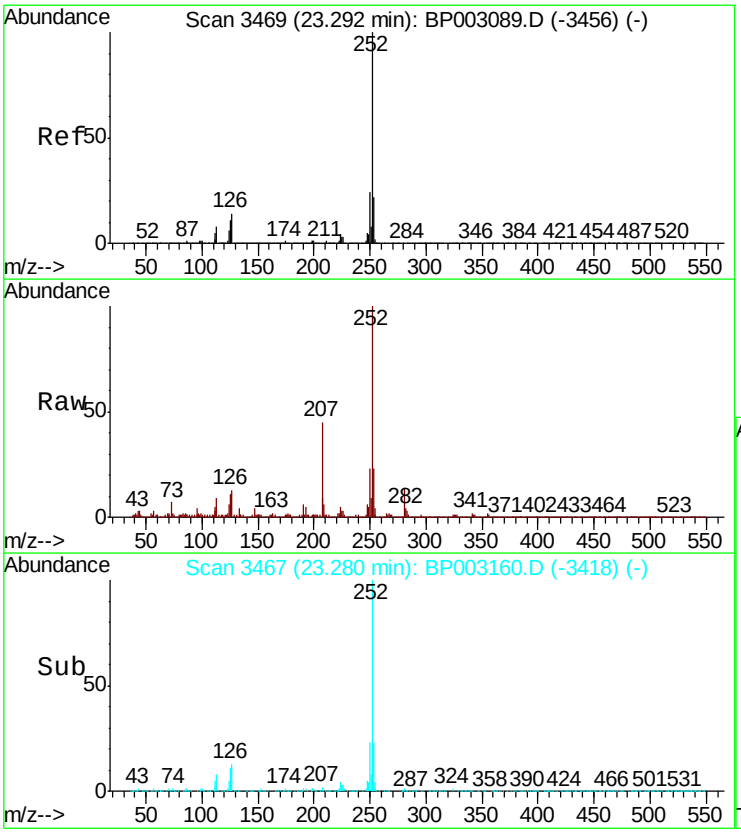
#88
Benzo(b)fluoranthene
Concen: 3.953 ng
RT: 22.71 min Scan# 3370
Delta R.T. -0.01 min
Lab File: BP003160.D
Acq: 28 Aug 2020 20:32

Instrument :
BNA_P
ClientSampleId :
789UMR-TP07-1218-01

Tgt Ion:252 Resp: 325378

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	10.3	7.6	11.4





#90
Benzo(a)pyrene
Concen: 2.488 ng
RT: 23.28 min Scan# 3467
Delta R.T. -0.01 min
Lab File: BP003160.D
Acq: 28 Aug 2020 20:32

Tgt Ion:252 Resp: 189960

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.7	26.5
125	11.4	8.8	13.2