Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101119\
Data File : BP000641.D
Acq On : 11 Oct 2019 19:10
Operator : JU
Sample : K5298-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-10

Quant Time: Oct 11 23:52:52 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	263194	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	957571	20.00	ng	-0.02
39) Acenaphthene-d10	9.80	164	541503	20.00	ng	-0.02
64) Phenanthrene-d10	11.29	188	1016033	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	832346	20.00	ng	-0.02
87) Perylene-d12	15.44	264	890430	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1909080	116.60	ng	-0.02
7) Phenol-d6	6.39	99	2445882	123.96	ng	-0.02
23) Nitrobenzene-d5	7.31	82	1380476	88.05	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	727720	126.11	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	2858831	85.42	ng	-0.02
79) Terphenyl-d14	12.90	244	3390774	82.48	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.40	94	86736	4.294	ng	84
50) Dimethylphthalate	9.51	163	591523	15.721	ng	100

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

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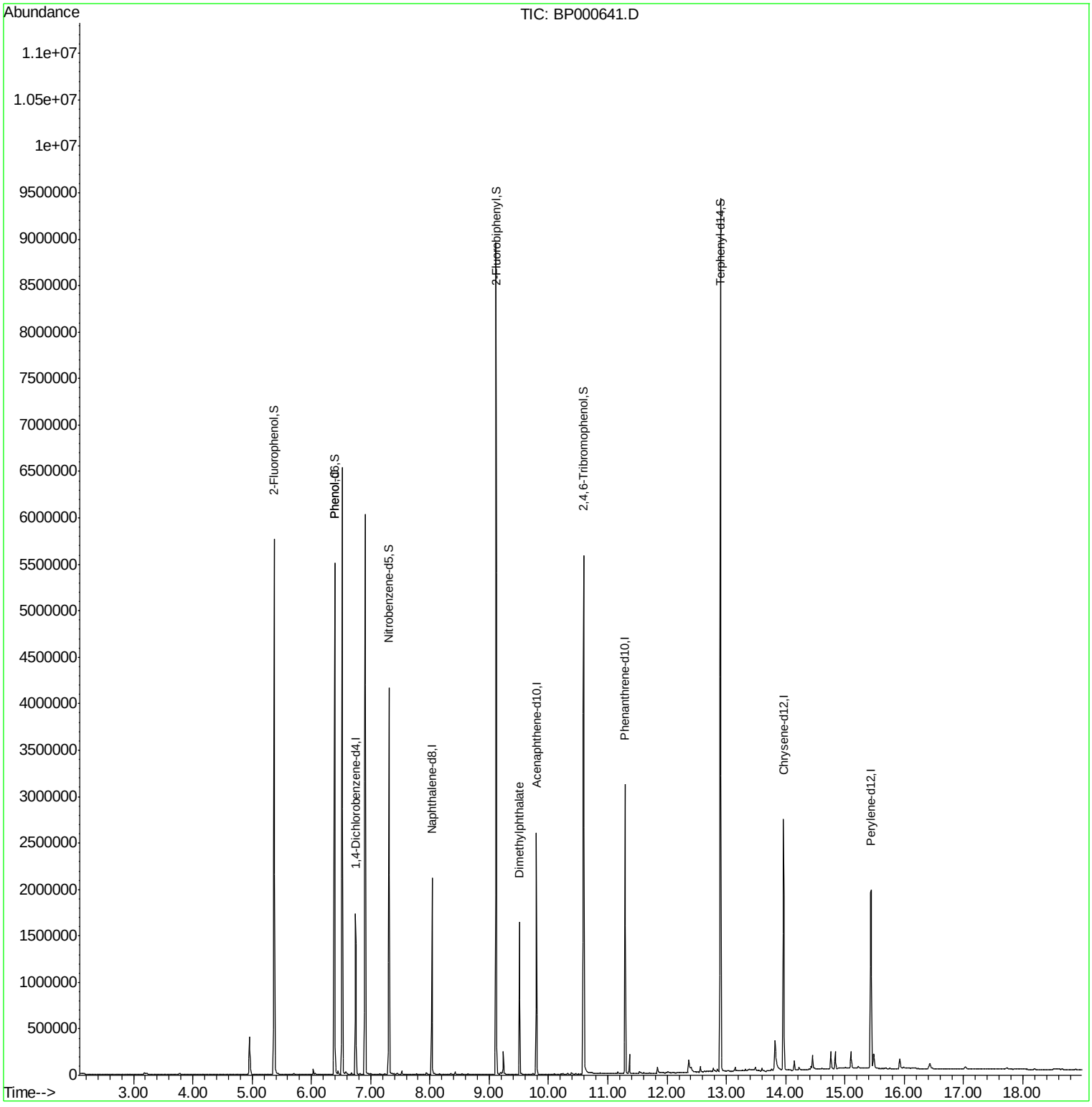
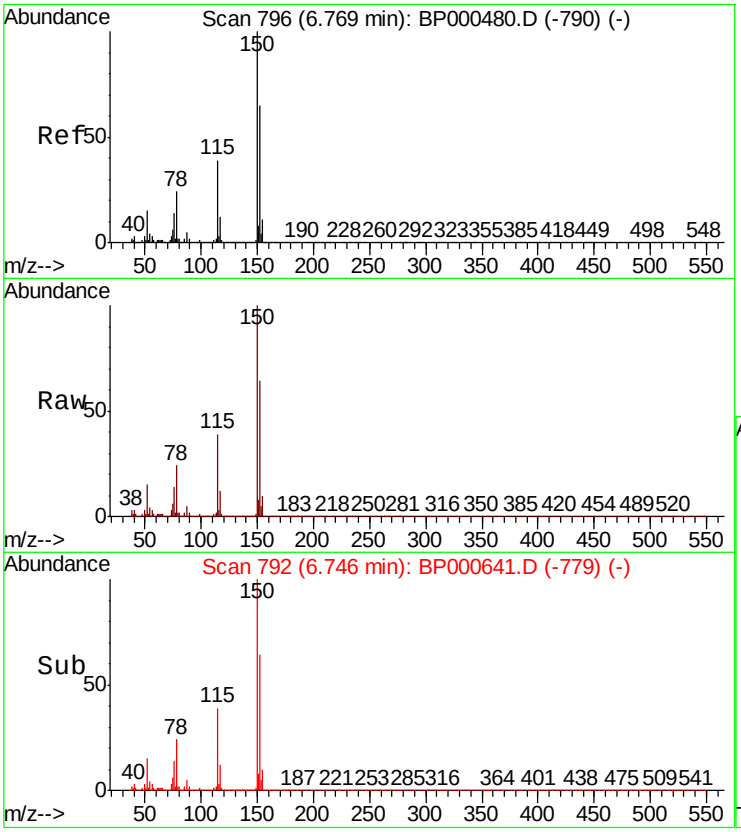


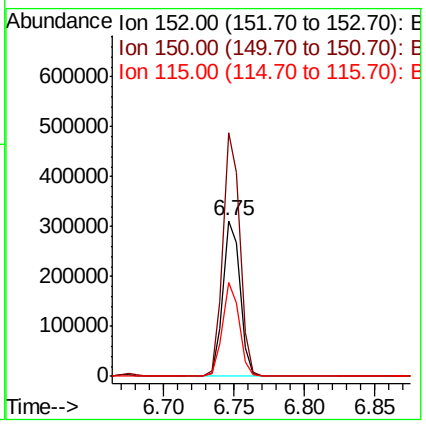


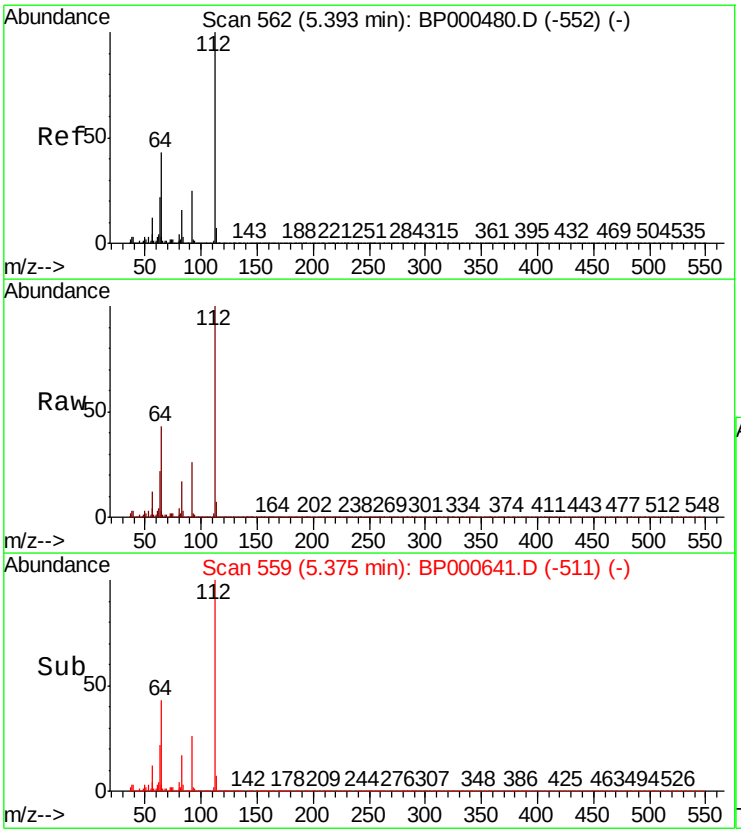
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.02 min
Lab File: BP000641.D
Acq: 11 Oct 2019 19:10

Instrument :
BNA_P
ClientSampleId :
TP-10

Tgt Ion:152 Resp: 263194

Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.1	186.1
115	60.4	48.7	73.1

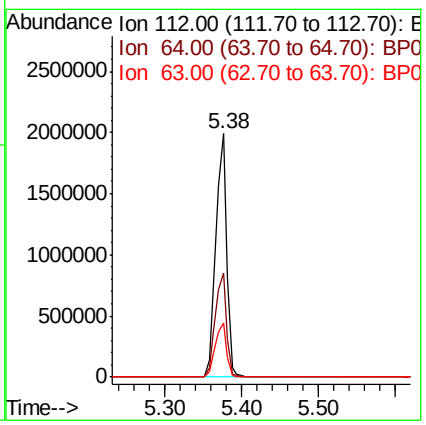


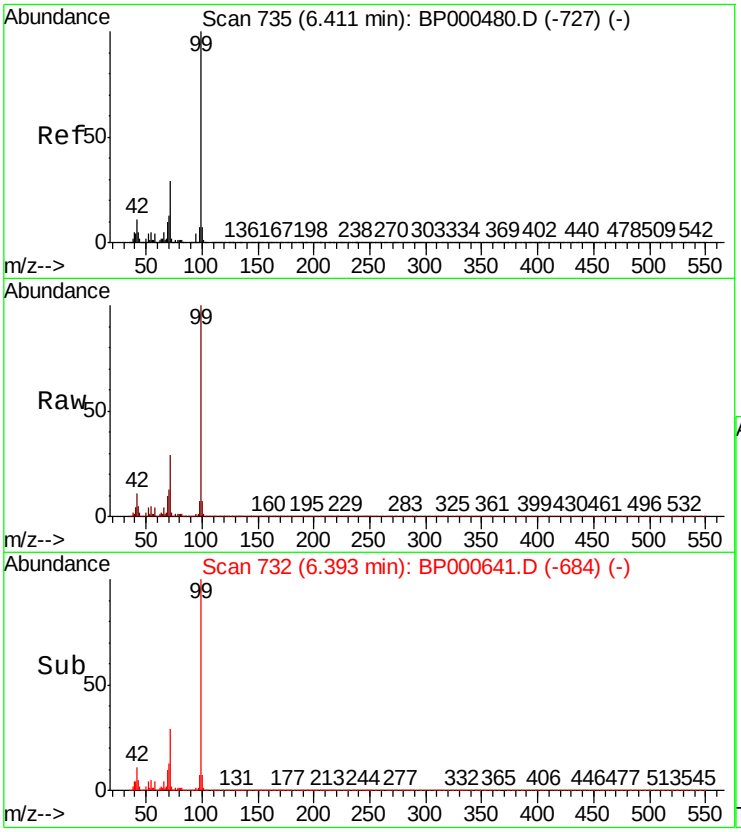


#5
2-Fluorophenol
Concen: 116.596 ng
RT: 5.38 min Scan# 559
Delta R.T. -0.02 min
Lab File: BP000641.D
Acq: 11 Oct 2019 19:10

Tgt Ion:112 Resp: 1909080

Ion	Ratio	Lower	Upper
112	100		
64	42.8	34.2	51.4
63	22.2	17.9	26.9



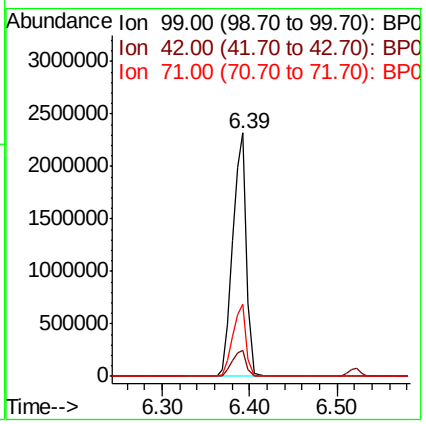


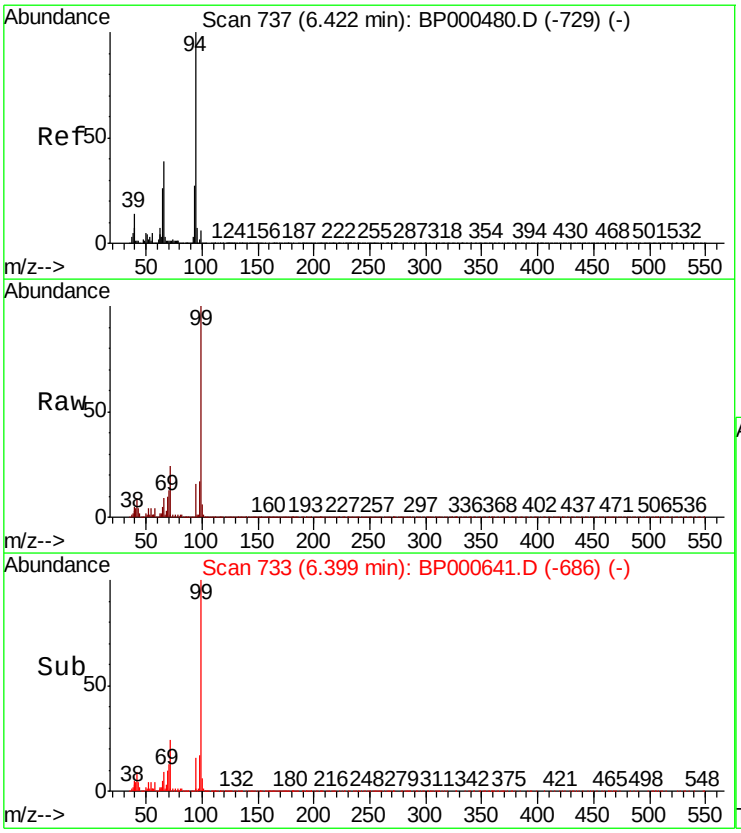
#7
Phenol-d6
Concen: 123.963 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.02 min
Lab File: BP000641.D
Acq: 11 Oct 2019 19:10

Instrument :
BNA_P
ClientSampleId :
TP-10

Tgt Ion: 99 Resp: 2445882

Ion	Ratio	Lower	Upper
99	100		
42	10.8	8.6	12.8
71	29.5	23.0	34.4

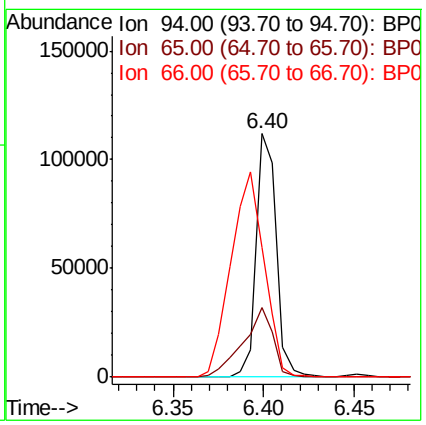


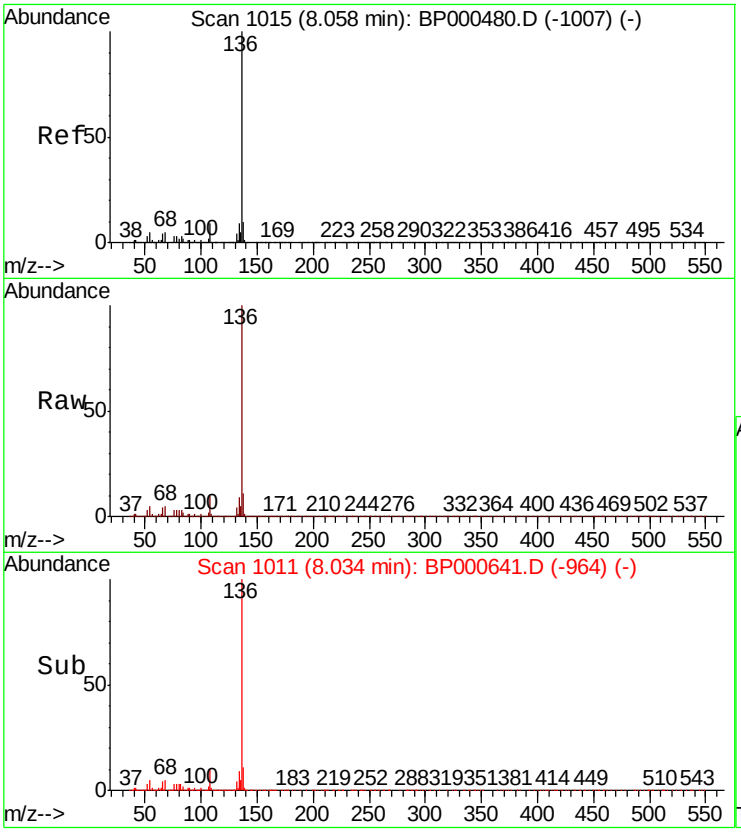


#10
Phenol
Concen: 4.294 ng
RT: 6.40 min Scan# 733
Delta R.T. -0.02 min
Lab File: BP000641.D
Acq: 11 Oct 2019 19:10

Tgt Ion: 94 Resp: 86736

Ion	Ratio	Lower	Upper
94	100		
65	28.7	5.9	45.9
66	53.1	18.8	58.8



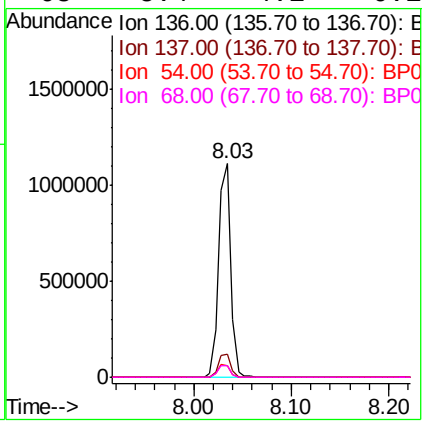


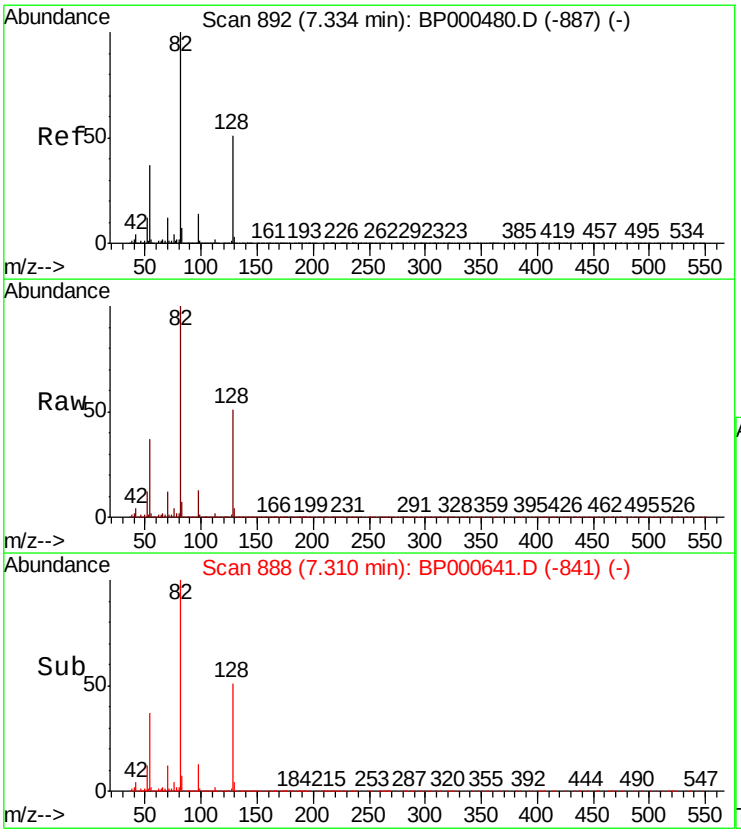
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BP000641.D
Acq: 11 Oct 2019 19:10

Instrument :
BNA_P
ClientSampleId :
TP-10

Tgt Ion:136 Resp: 957571

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.2	12.4
54	5.3	4.1	6.1
68	5.4	4.1	6.1

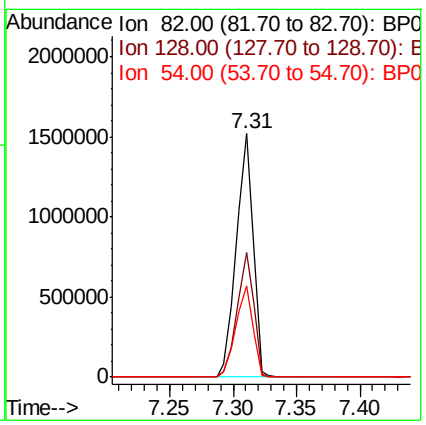


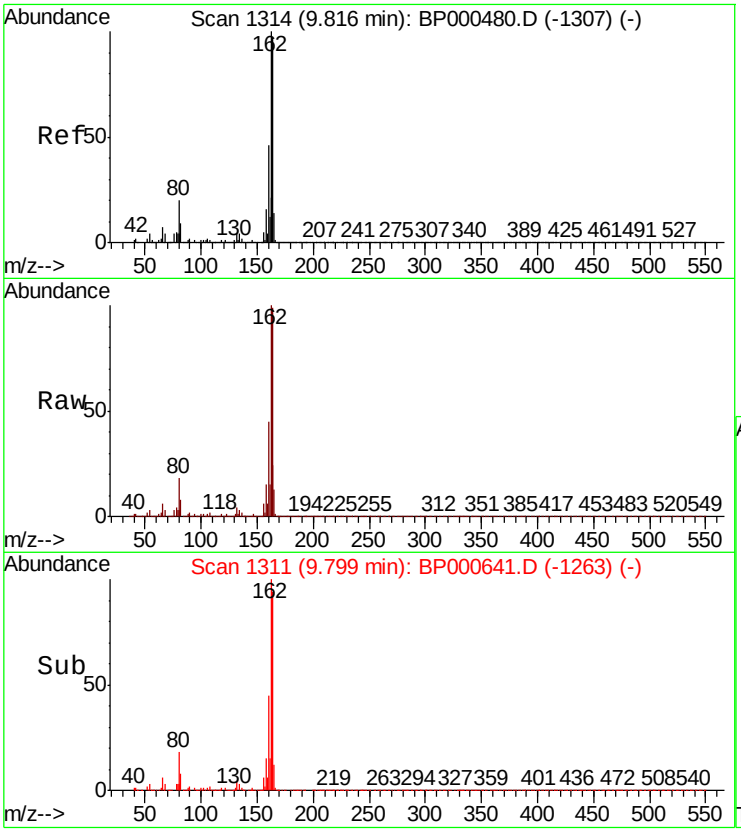


#23
Nitrobenzene-d5
Concen: 88.049 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BP000641.D
Acq: 11 Oct 2019 19:10

Tgt Ion: 82 Resp: 1380476

Ion	Ratio	Lower	Upper
82	100		
128	51.1	40.9	61.3
54	37.4	29.4	44.2



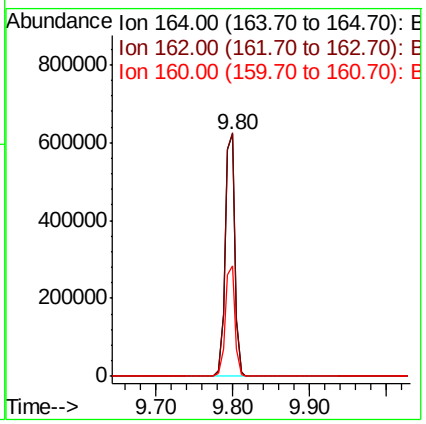


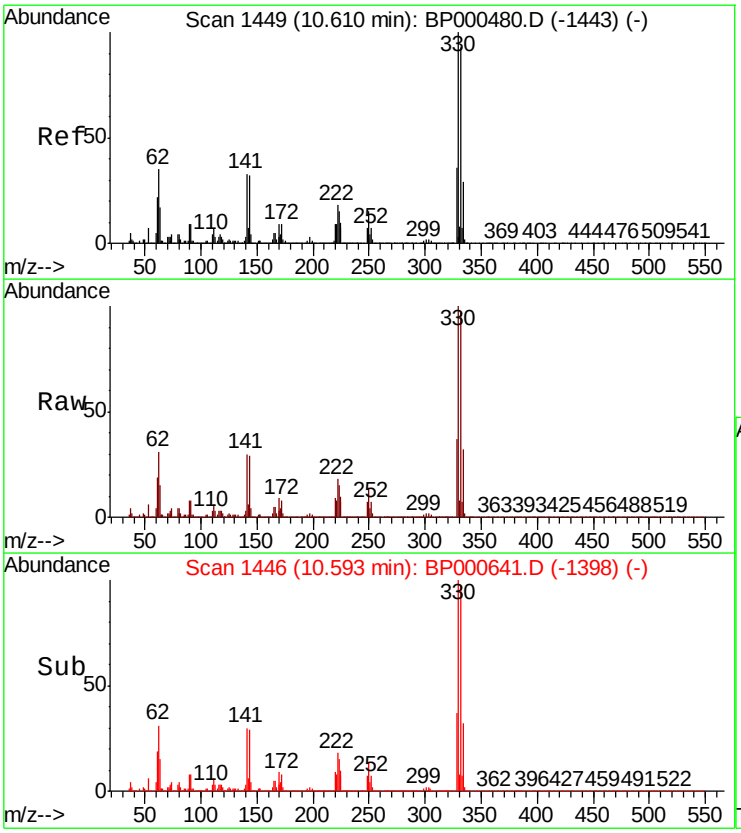
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BP000641.D
Acq: 11 Oct 2019 19:10

Instrument :
BNA_P
ClientSampleId :
TP-10

Tgt Ion:164 Resp: 541503

Ion	Ratio	Lower	Upper
164	100		
162	100.7	82.2	123.2
160	45.5	37.6	56.4

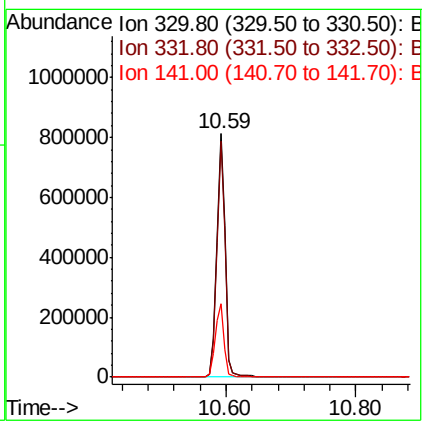


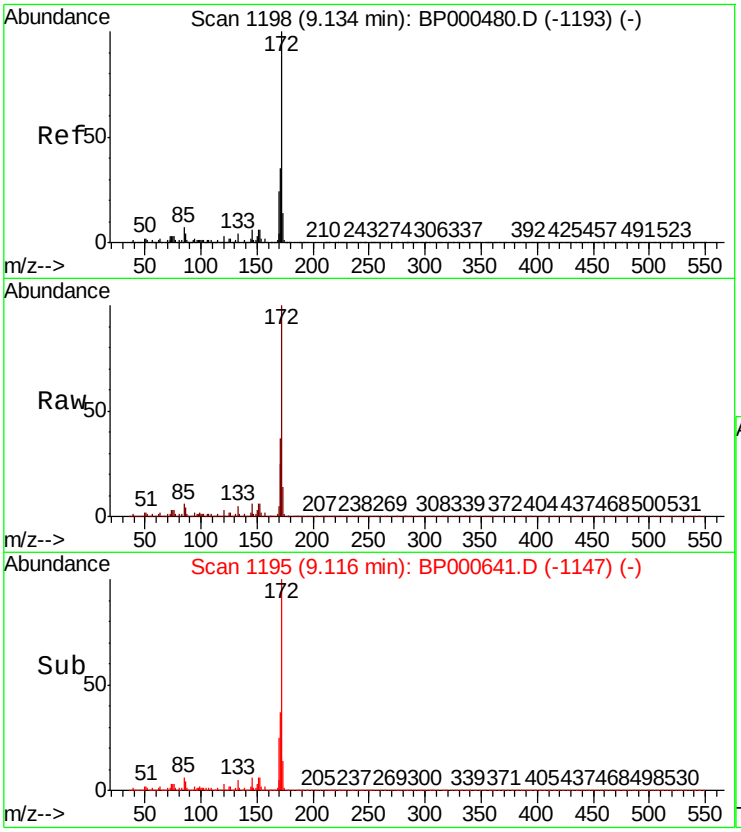


#42
2,4,6-Tribromophenol
Concen: 126.114 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BP000641.D
Acq: 11 Oct 2019 19:10

Tgt Ion:330 Resp: 727720

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.1	115.7
141	31.3	26.0	39.0



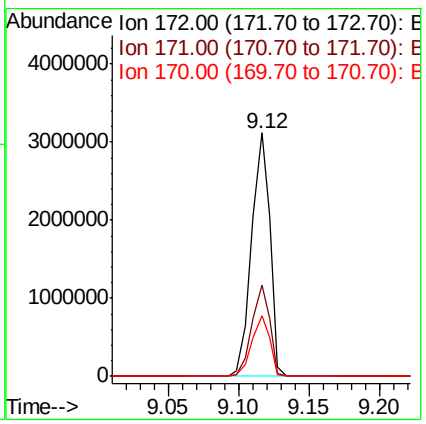


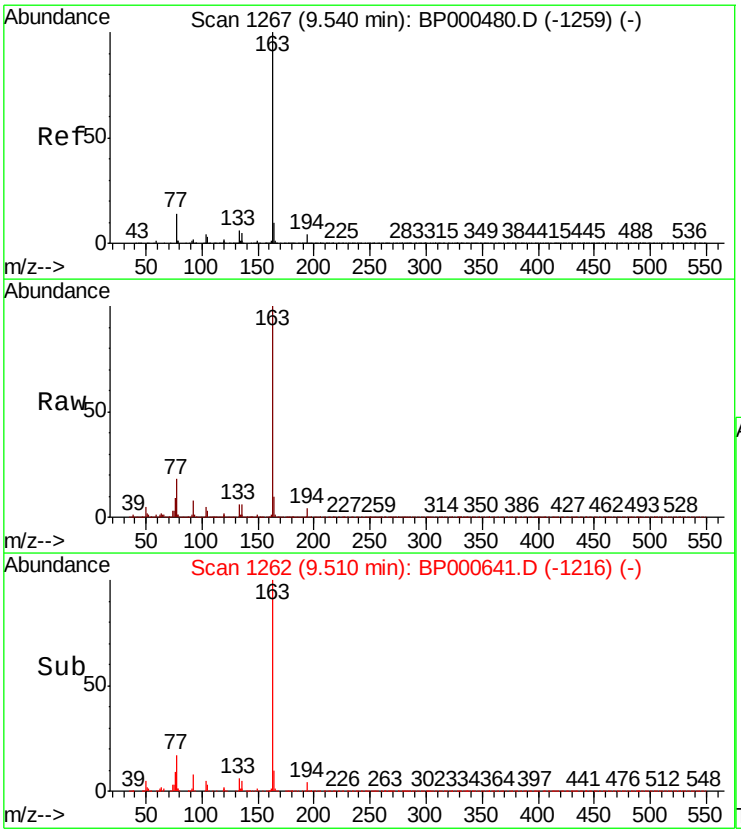
#45
2-Fluorobiphenyl
Concen: 85.421 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BP000641.D
Acq: 11 Oct 2019 19:10

Instrument :
BNA_P
ClientSampleId :
TP-10

Tgt Ion:172 Resp: 2858831

Ion	Ratio	Lower	Upper
172	100		
171	37.3	28.4	42.6
170	24.8	19.1	28.7

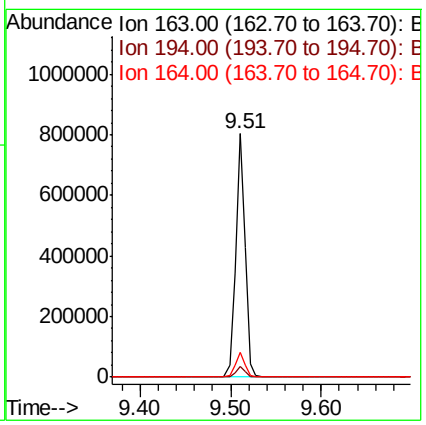


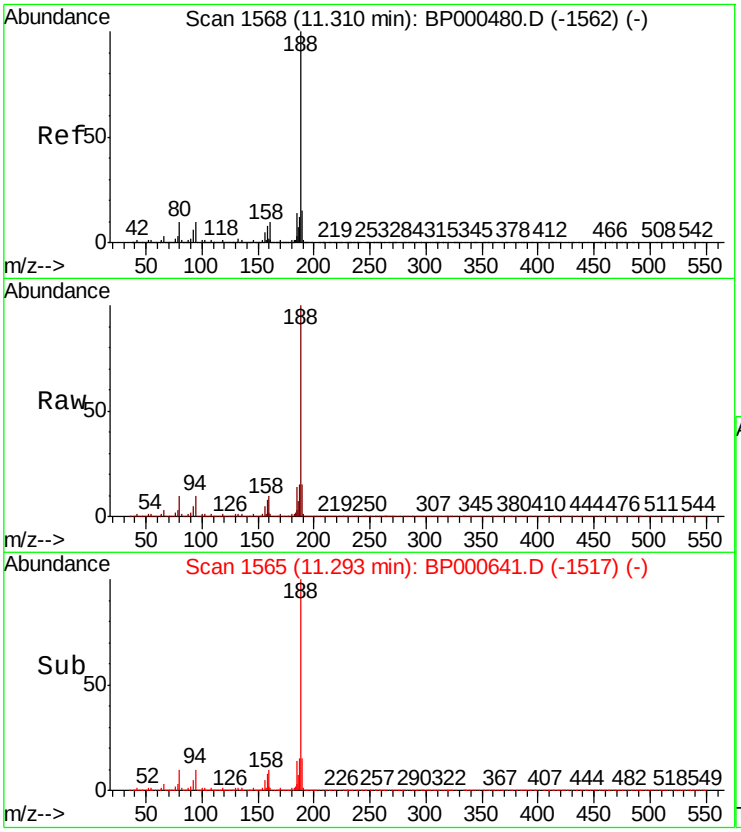


#50
Dimethylphthalate
Concen: 15.721 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BP000641.D
Acq: 11 Oct 2019 19:10

Tgt Ion:163 Resp: 591523

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	10.2	8.0	12.0



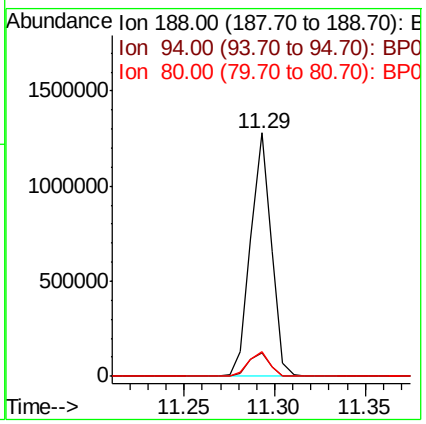


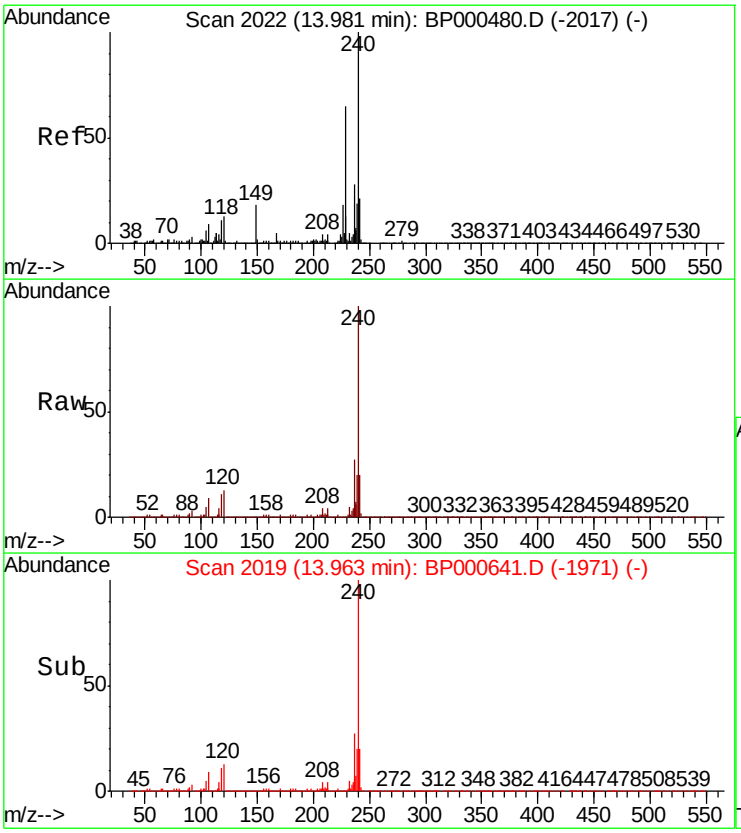
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.02 min
Lab File: BP000641.D
Acq: 11 Oct 2019 19:10

Instrument :
BNA_P
ClientSampleId :
TP-10

Tgt Ion:188 Resp: 1016033

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.2	12.2
80	10.0	8.3	12.5

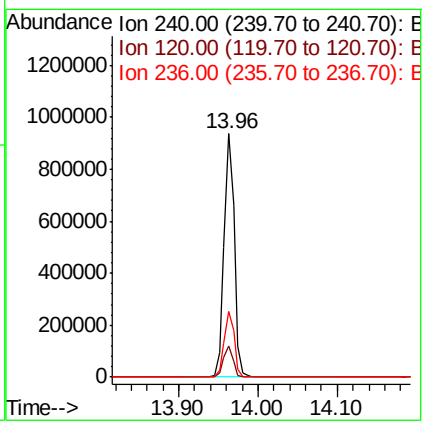


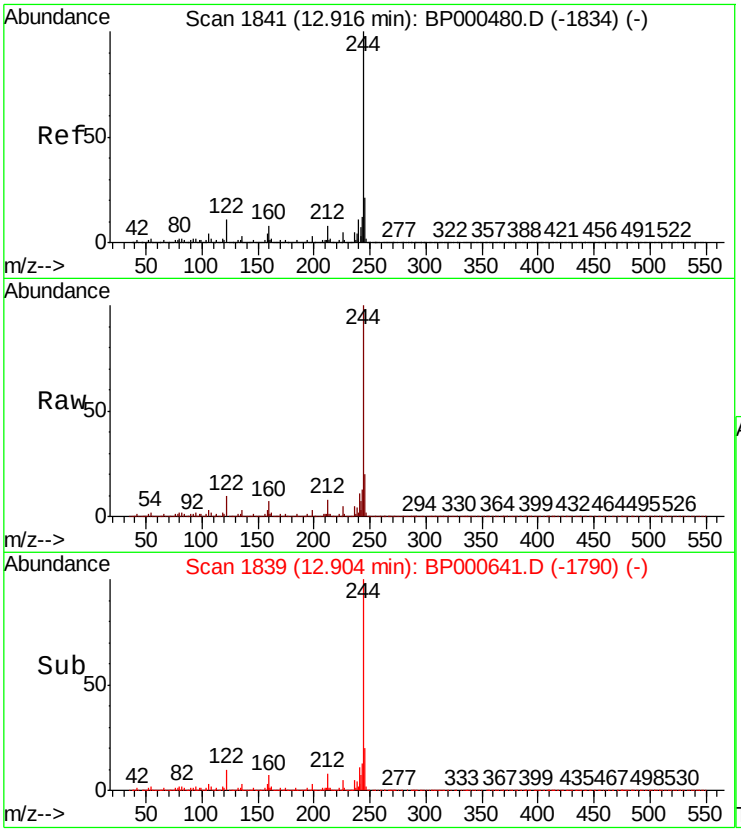


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BP000641.D
Acq: 11 Oct 2019 19:10

Tgt Ion:240 Resp: 832346

Ion	Ratio	Lower	Upper
240	100		
120	12.6	10.1	15.1
236	26.8	22.7	34.1



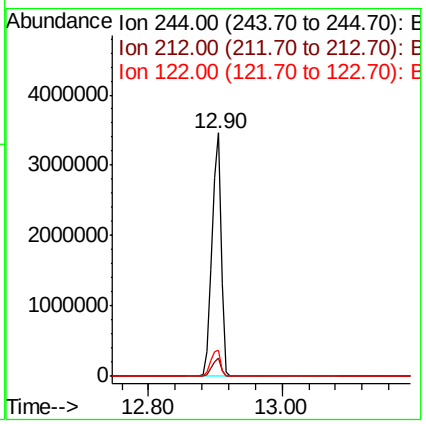


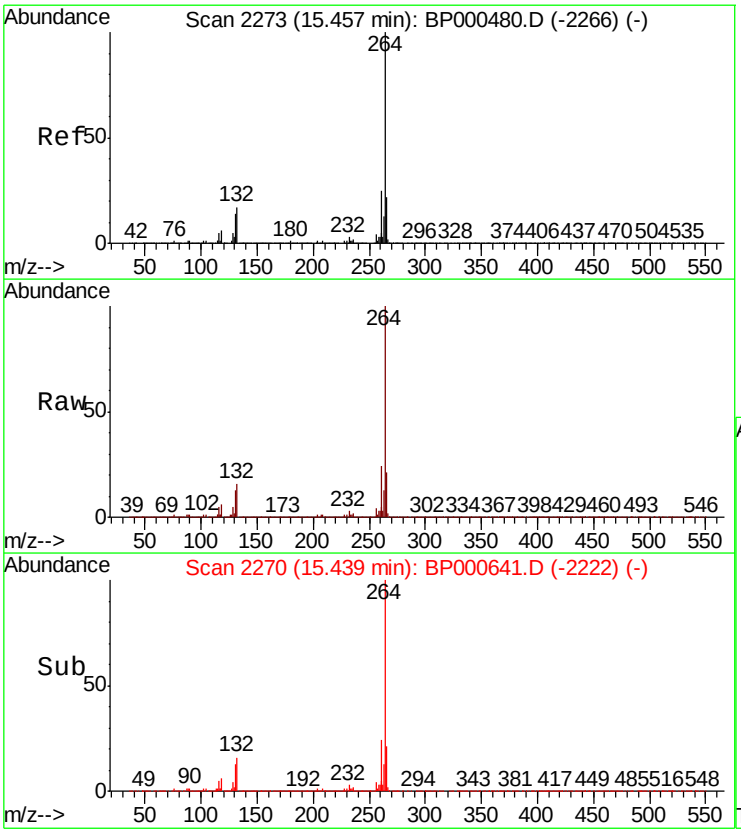
#79
Terphenyl-d14
Concen: 82.482 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BP000641.D
Acq: 11 Oct 2019 19:10

Instrument :
BNA_P
ClientSampleId :
TP-10

Tgt Ion:244 Resp: 3390774

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.0	9.0
122	10.4	8.9	13.3





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.02 min
Lab File: BP000641.D
Acq: 11 Oct 2019 19:10

Tgt Ion:264 Resp: 890430

Ion	Ratio	Lower	Upper
264	100		
260	23.9	20.3	30.5
265	21.1	18.0	27.0