Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101119\
Data File : BP000647.D
Acq On : 11 Oct 2019 21:34
Operator : JU
Sample : K5298-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-11

Quant Time: Oct 12 00:09:25 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	255737	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	957933	20.00	ng	-0.02
39) Acenaphthene-d10	9.79	164	544658	20.00	ng	-0.02
64) Phenanthrene-d10	11.29	188	1009645	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	811169	20.00	ng	-0.02
87) Perylene-d12	15.44	264	868725	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1342927	84.41	ng	-0.02
7) Phenol-d6	6.39	99	1724379	89.94	ng	-0.02
23) Nitrobenzene-d5	7.31	82	952015	60.70	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	520029	89.60	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	2126683	63.18	ng	-0.02
79) Terphenyl-d14	12.90	244	2518661	62.87	ng	-0.02
Target Compounds						Qvalue
10) Phenol	6.40	94	59142	3.013	ng	91
50) Dimethylphthalate	9.51	163	410445	10.845	ng	100
75) Fluoranthene	12.52	202	136640	2.399	ng	99
78) Pyrene	12.75	202	136730	2.444	ng	99

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

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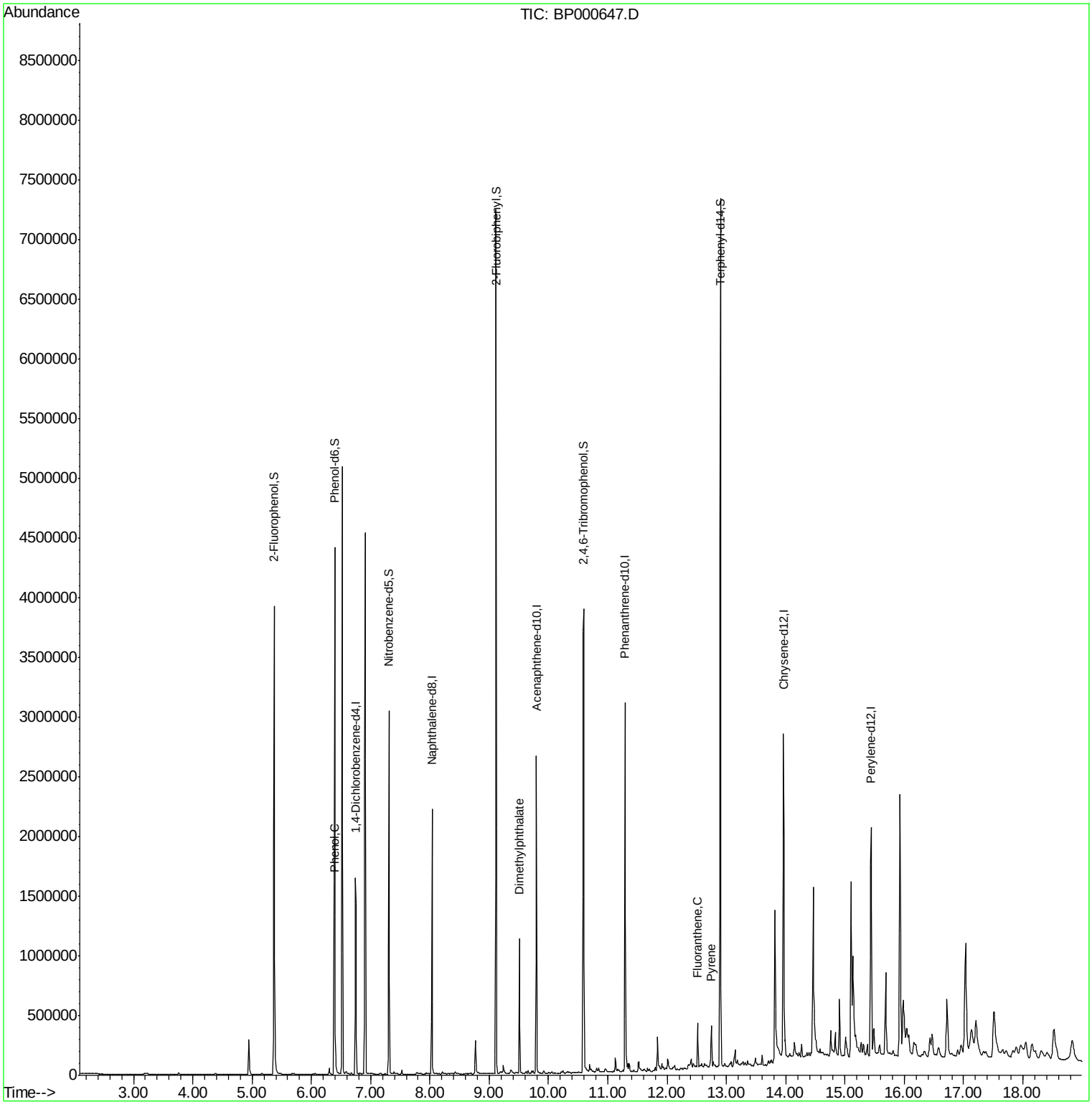
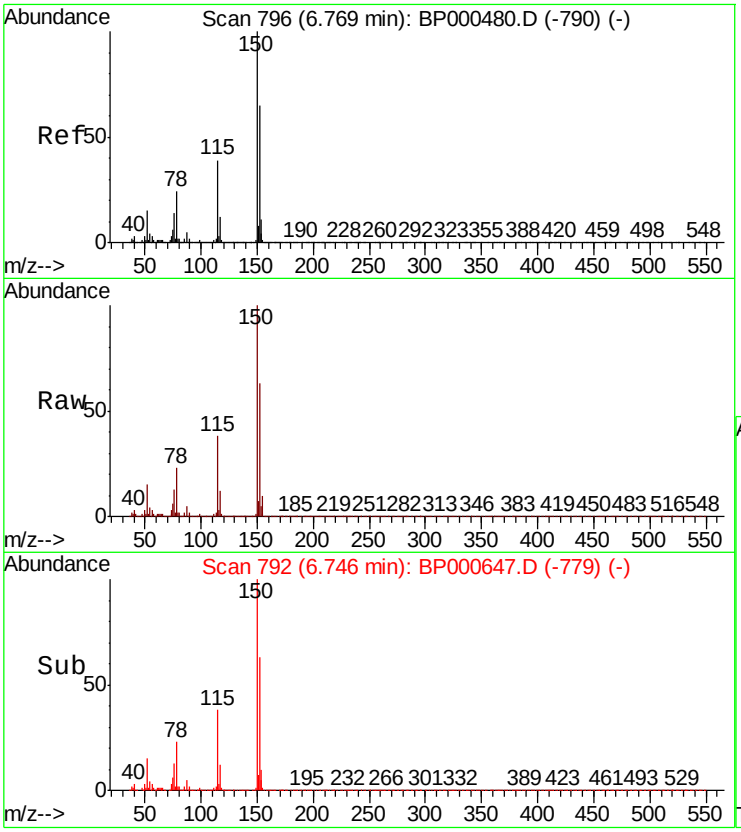


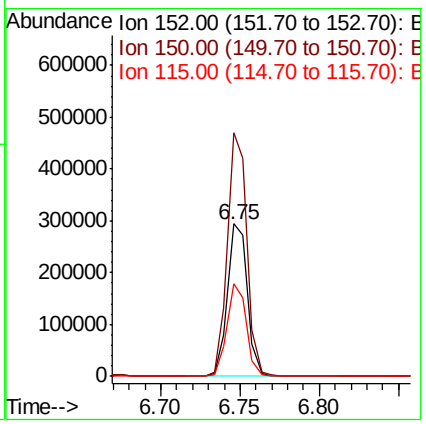


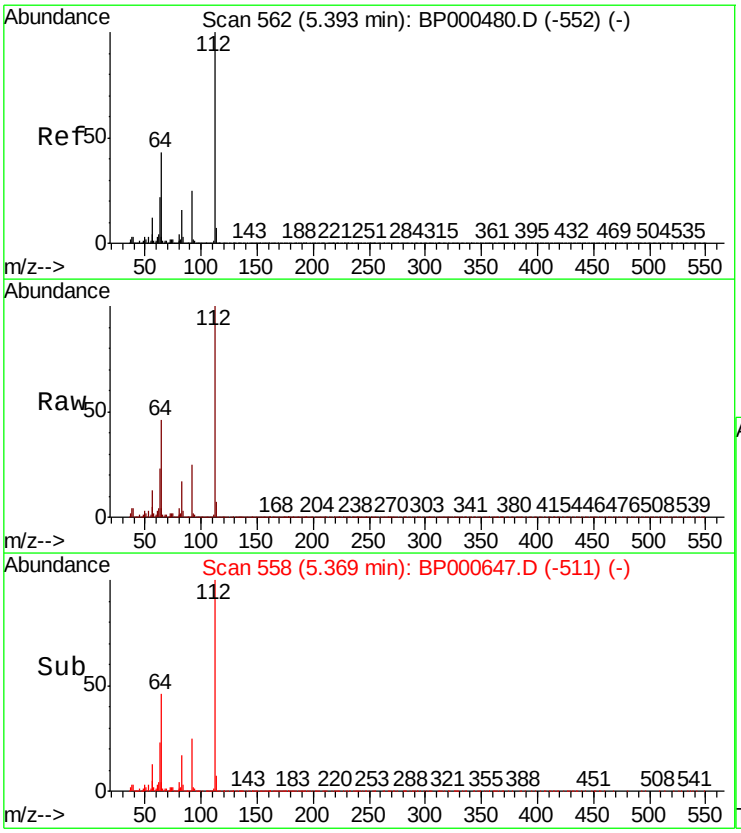
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.02 min
Lab File: BP000647.D
Acq: 11 Oct 2019 21:34

Instrument :
BNA_P
ClientSampleId :
TP-11

Tgt Ion:152 Resp: 255737

Ion	Ratio	Lower	Upper
152	100		
150	159.7	124.1	186.1
115	60.7	48.7	73.1

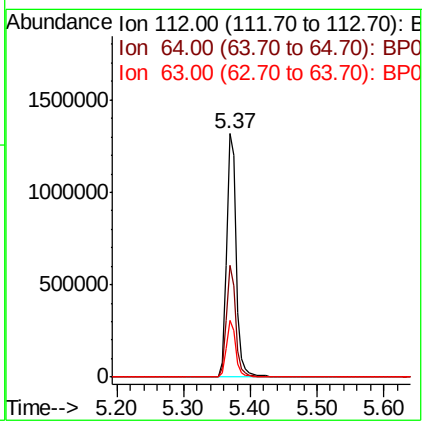


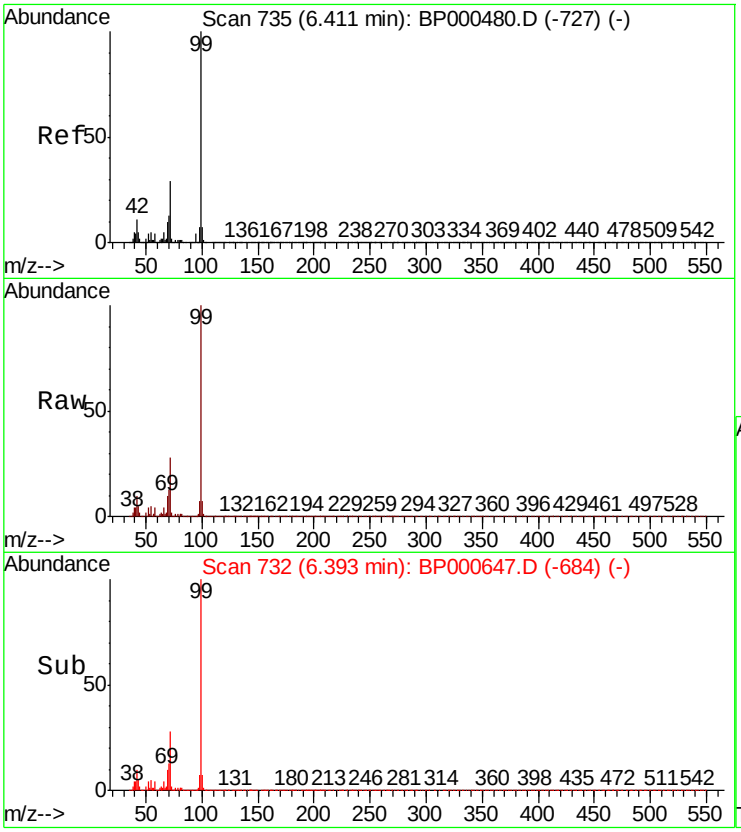


#5
2-Fluorophenol
Concen: 84.410 ng
RT: 5.37 min Scan# 558
Delta R.T. -0.02 min
Lab File: BP000647.D
Acq: 11 Oct 2019 21:34

Tgt Ion:112 Resp: 1342927

Ion	Ratio	Lower	Upper
112	100		
64	45.7	34.2	51.4
63	23.4	17.9	26.9



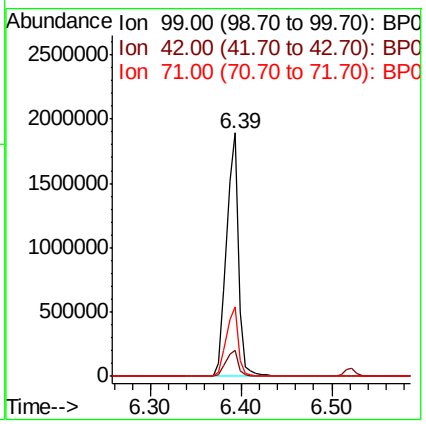


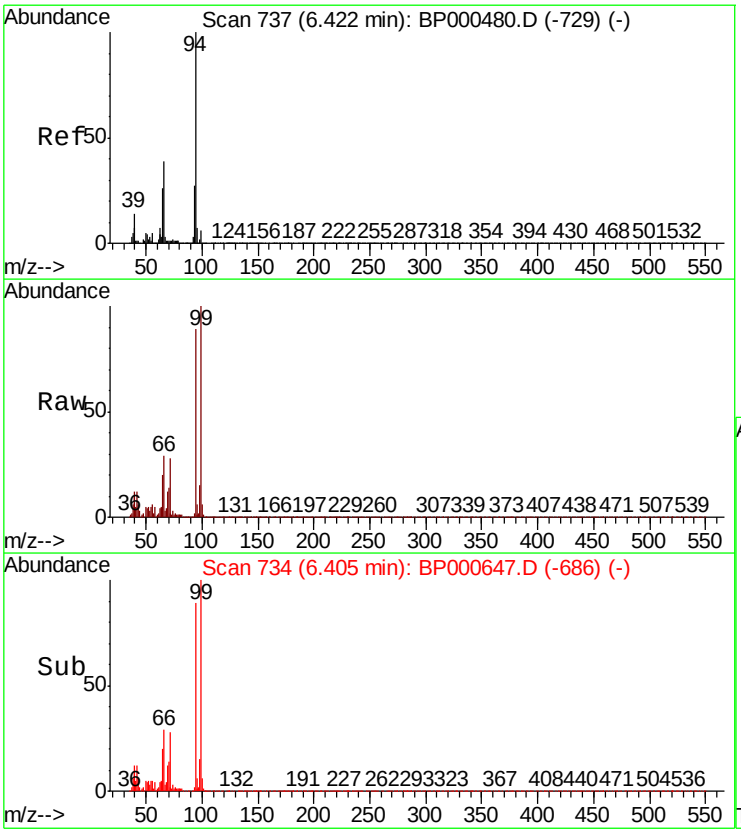
#7
Phenol-d6
Concen: 89.944 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.02 min
Lab File: BP000647.D
Acq: 11 Oct 2019 21:34

Instrument :
BNA_P
ClientSampleId :
TP-11

Tgt Ion: 99 Resp: 1724379

Ion	Ratio	Lower	Upper
99	100		
42	10.5	8.6	12.8
71	28.5	23.0	34.4

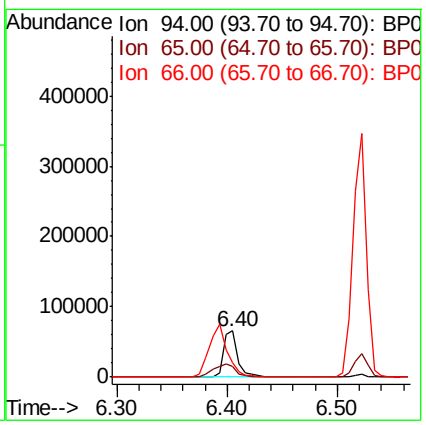


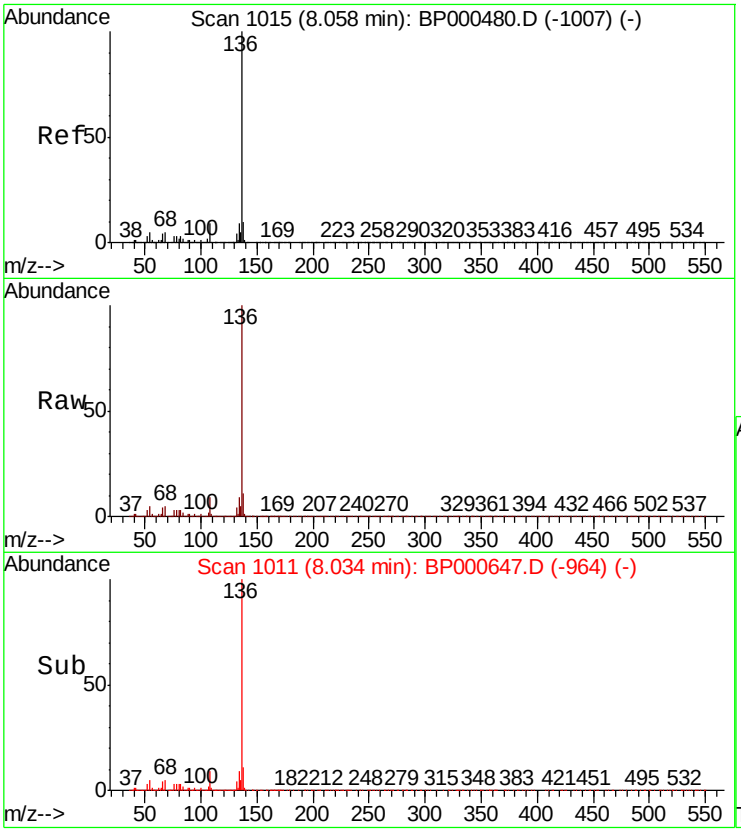


#10
Phenol
Concen: 3.013 ng
RT: 6.40 min Scan# 734
Delta R.T. -0.02 min
Lab File: BP000647.D
Acq: 11 Oct 2019 21:34

Tgt Ion: 94 Resp: 59142

Ion	Ratio	Lower	Upper
94	100		
65	22.9	5.9	45.9
66	32.6	18.8	58.8



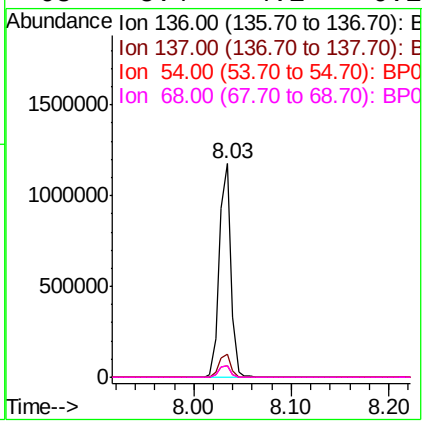


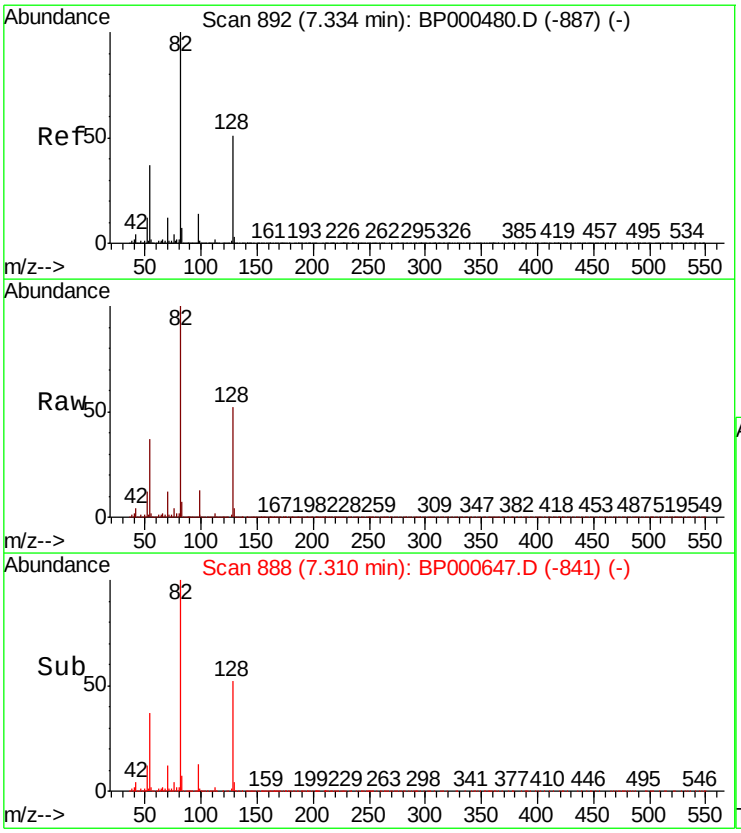
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BP000647.D
Acq: 11 Oct 2019 21:34

Instrument :
BNA_P
ClientSampleId :
TP-11

Tgt Ion:136 Resp: 957933

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.2	12.4
54	5.2	4.1	6.1
68	5.4	4.1	6.1

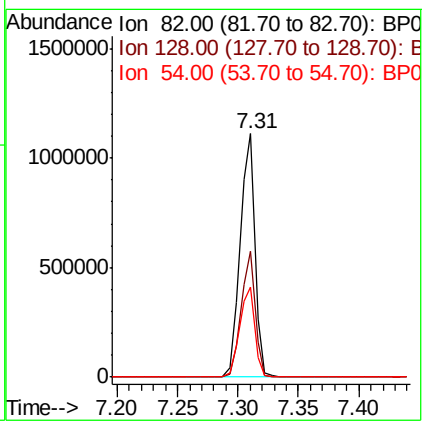


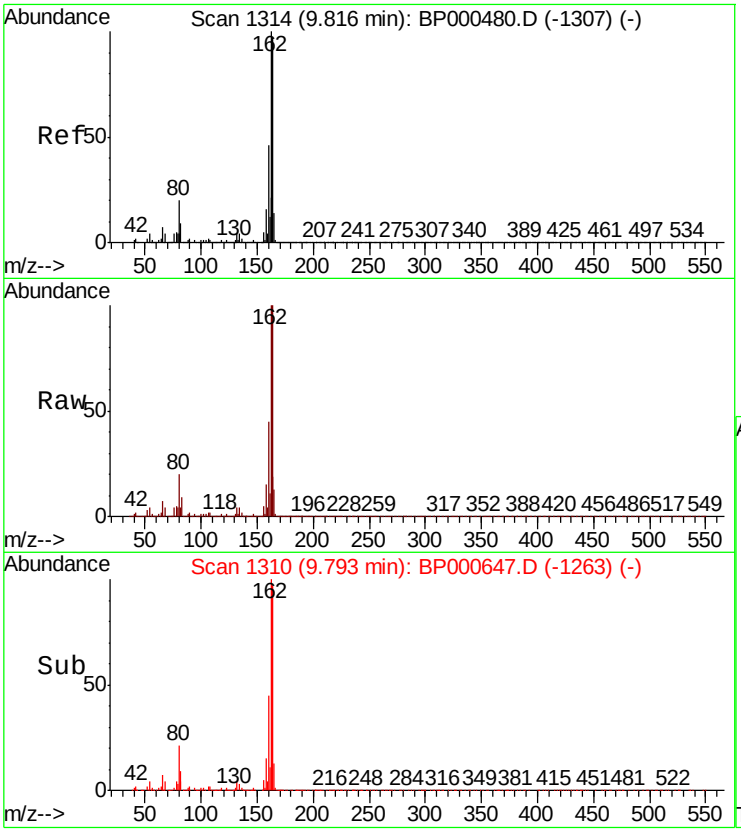


#23
Nitrobenzene-d5
Concen: 60.698 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BP000647.D
Acq: 11 Oct 2019 21:34

Tgt Ion: 82 Resp: 952015

Ion	Ratio	Lower	Upper
82	100		
128	51.6	40.9	61.3
54	36.9	29.4	44.2



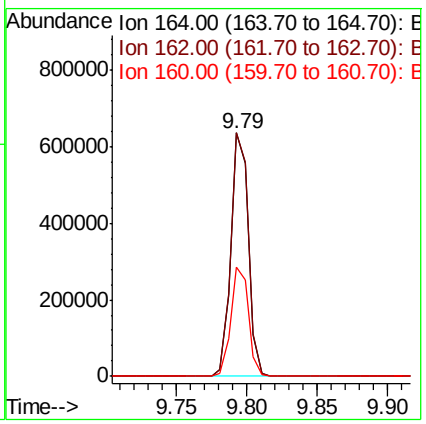


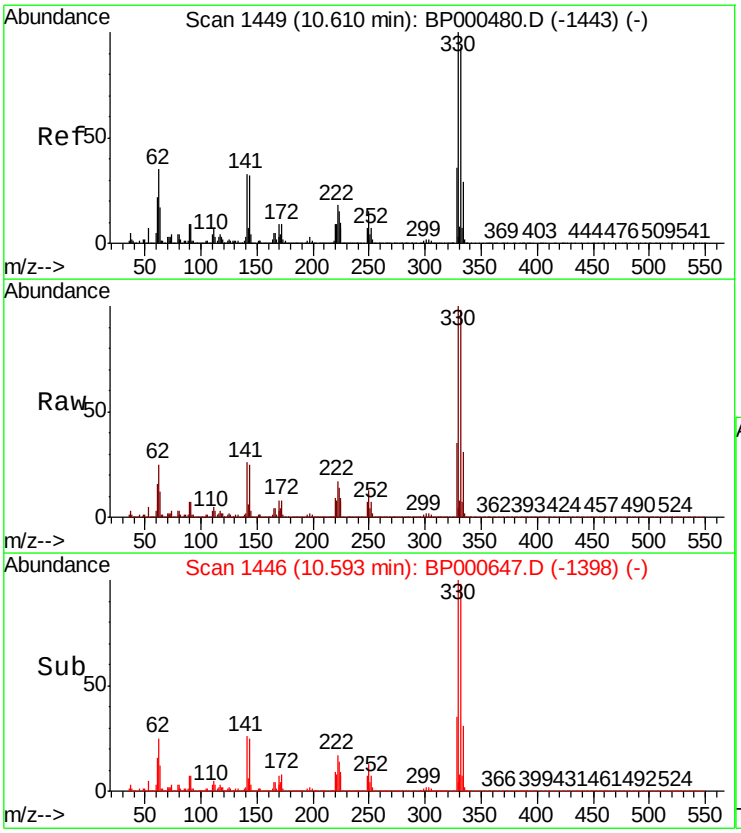
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BP000647.D
Acq: 11 Oct 2019 21:34

Instrument :
BNA_P
ClientSampleId :
TP-11

Tgt Ion:164 Resp: 544658

Ion	Ratio	Lower	Upper
164	100		
162	99.8	82.2	123.2
160	44.7	37.6	56.4

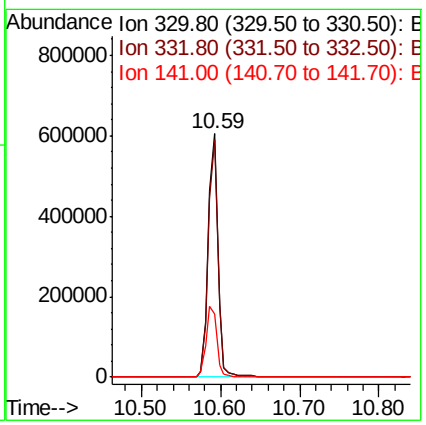


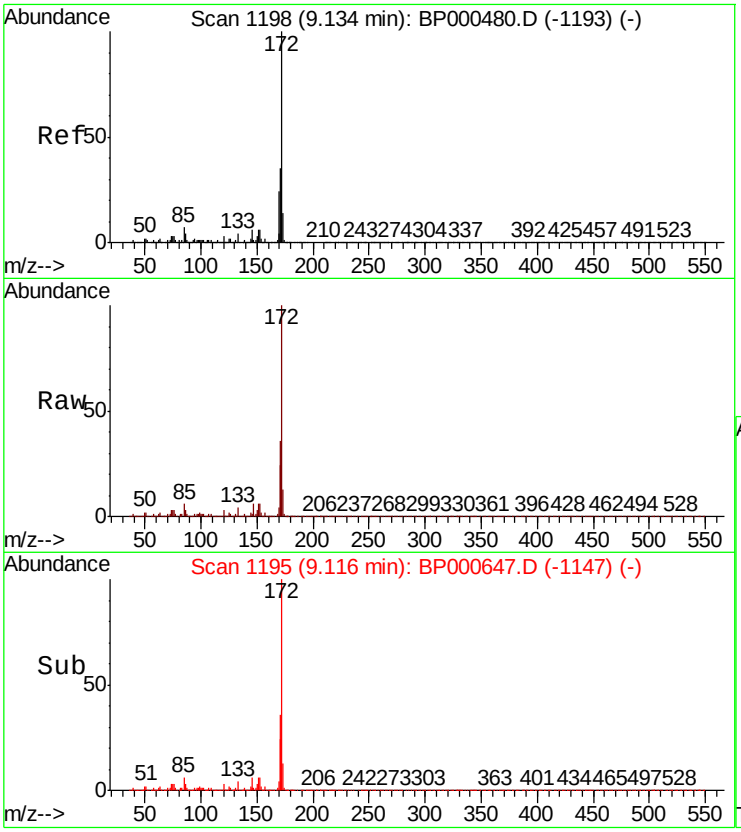


#42
2,4,6-Tribromophenol
Concen: 89.599 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BP000647.D
Acq: 11 Oct 2019 21:34

Tgt Ion:330 Resp: 520029

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.1	115.7
141	32.4	26.0	39.0



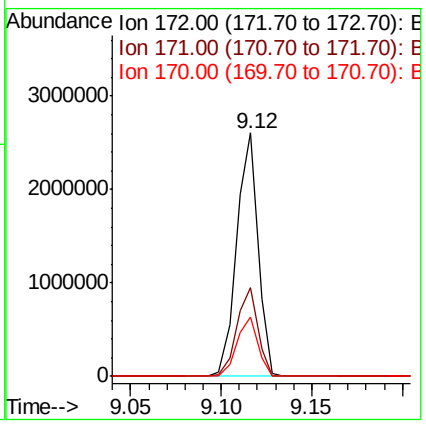


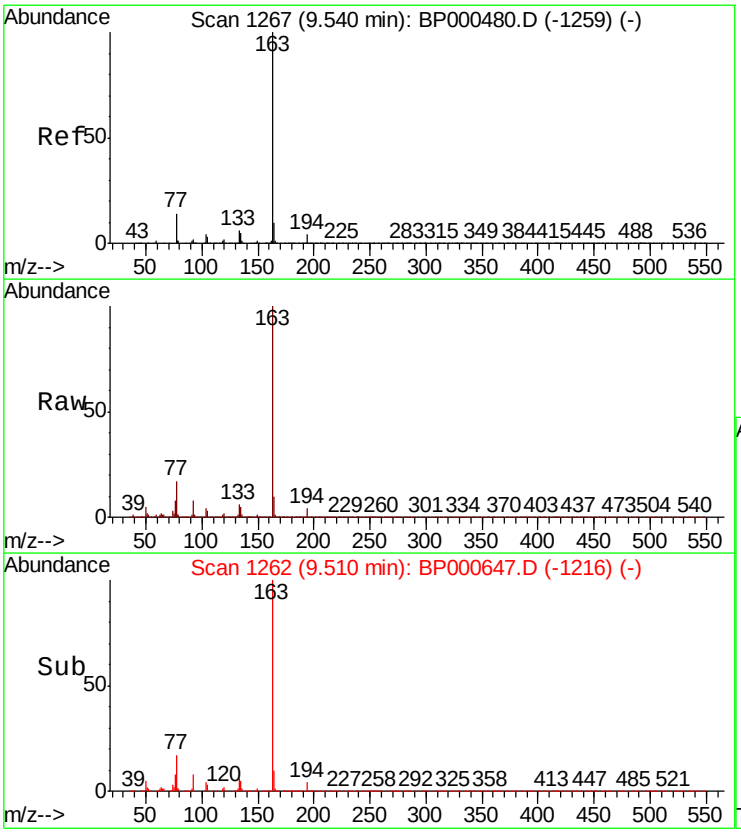
#45
2-Fluorobiphenyl
Concen: 63.177 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BP000647.D
Acq: 11 Oct 2019 21:34

Instrument :
BNA_P
ClientSampleId :
TP-11

Tgt Ion:172 Resp: 2126683

Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.4	42.6
170	24.2	19.1	28.7

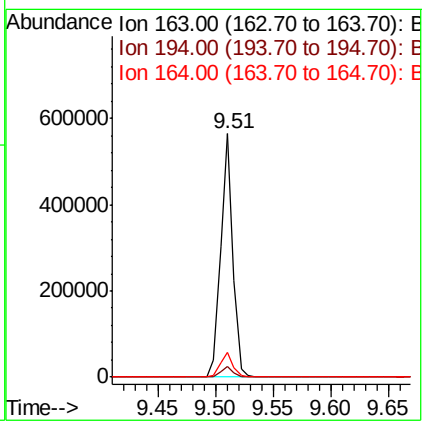


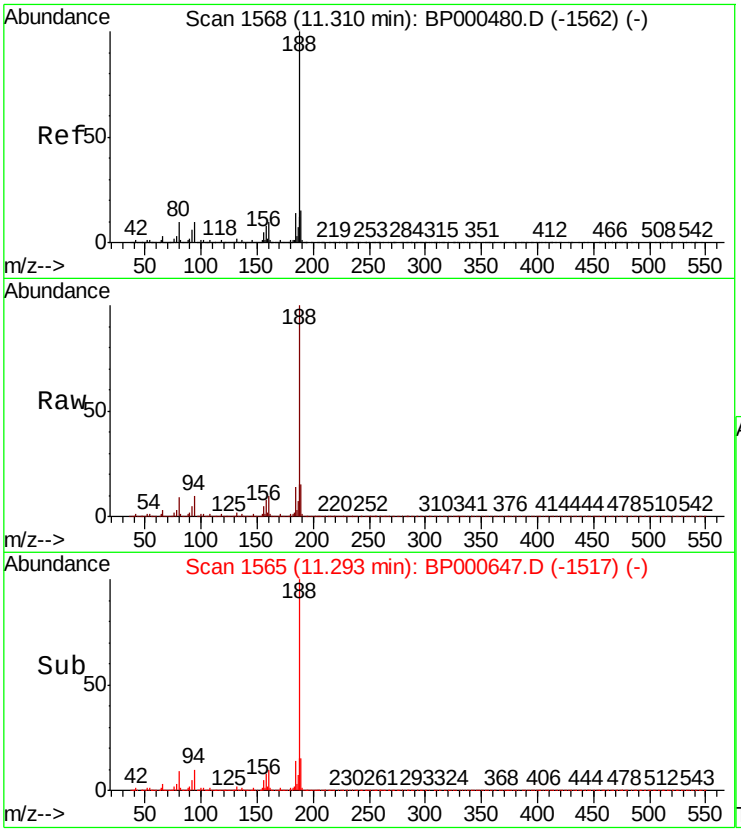


#50
Dimethylphthalate
Concen: 10.845 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BP000647.D
Acq: 11 Oct 2019 21:34

Tgt Ion:163 Resp: 410445

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	10.1	8.0	12.0



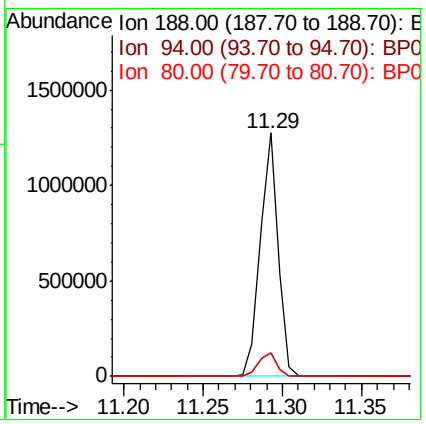


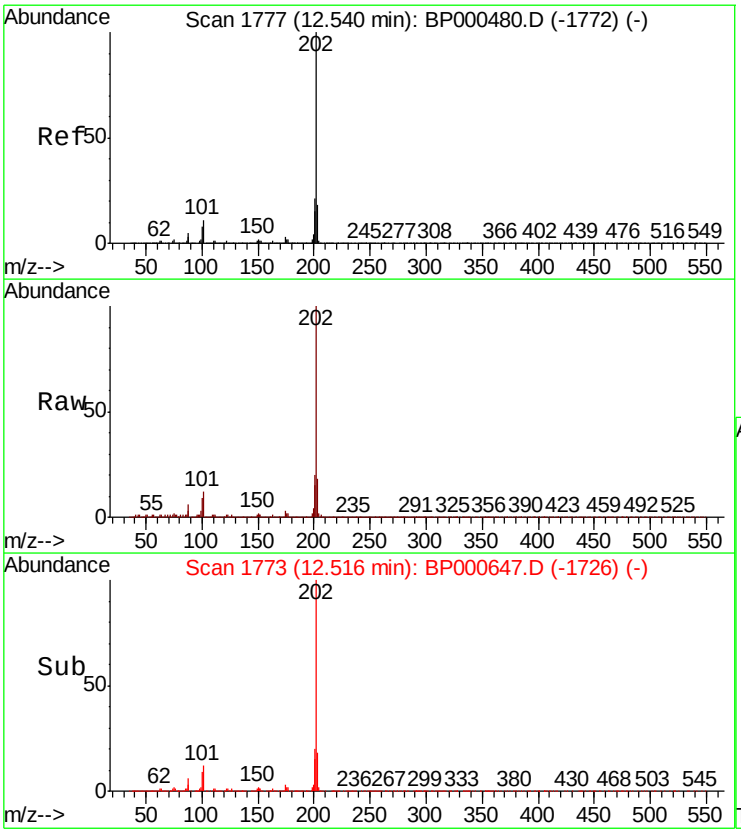
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.02 min
Lab File: BP000647.D
Acq: 11 Oct 2019 21:34

Instrument :
BNA_P
ClientSampleId :
TP-11

Tgt Ion:188 Resp: 1009645

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.2	12.2
80	9.5	8.3	12.5

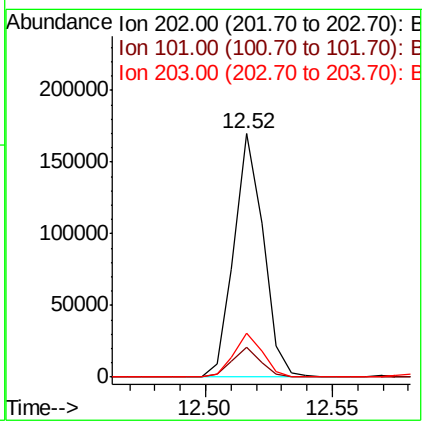


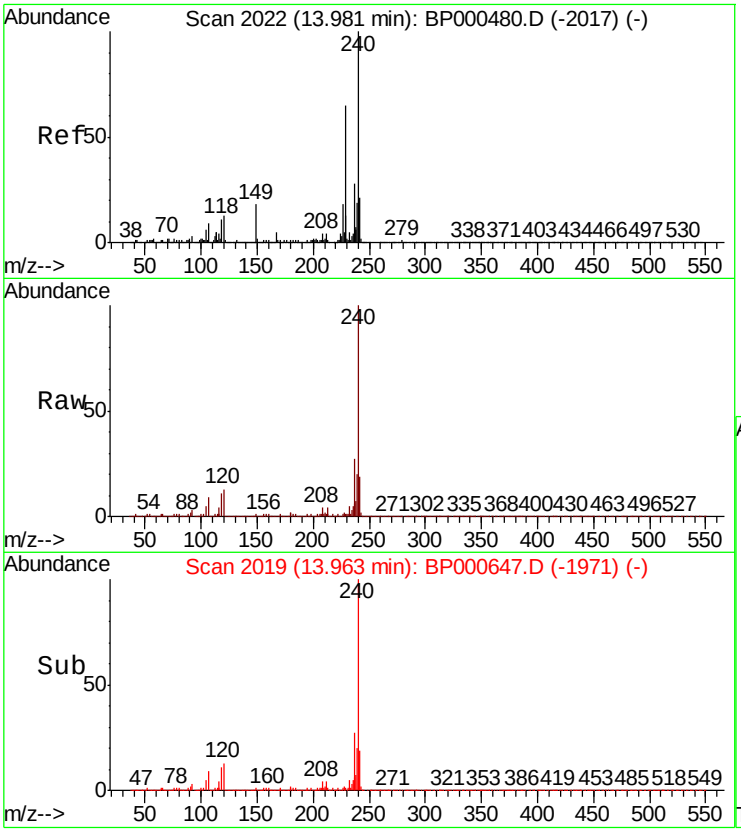


#75
Fluoranthene
Concen: 2.399 ng
RT: 12.52 min Scan# 1773
Delta R.T. -0.02 min
Lab File: BP000647.D
Acq: 11 Oct 2019 21:34

Tgt Ion:202 Resp: 136640

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	31.3
203	17.9	0.0	38.1



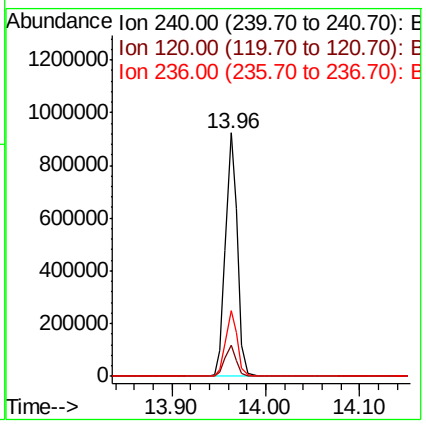


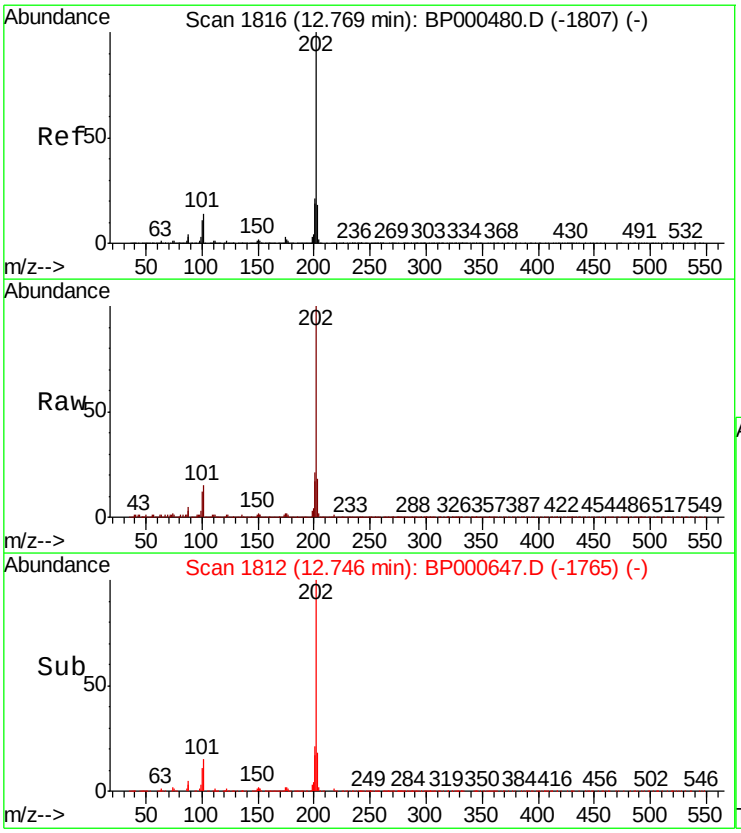
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BP000647.D
Acq: 11 Oct 2019 21:34

Instrument :
BNA_P
ClientSampleId :
TP-11

Tgt Ion:240 Resp: 811169

Ion	Ratio	Lower	Upper
240	100		
120	12.7	10.1	15.1
236	27.0	22.7	34.1

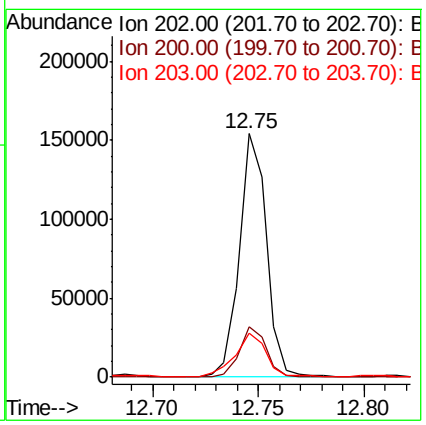


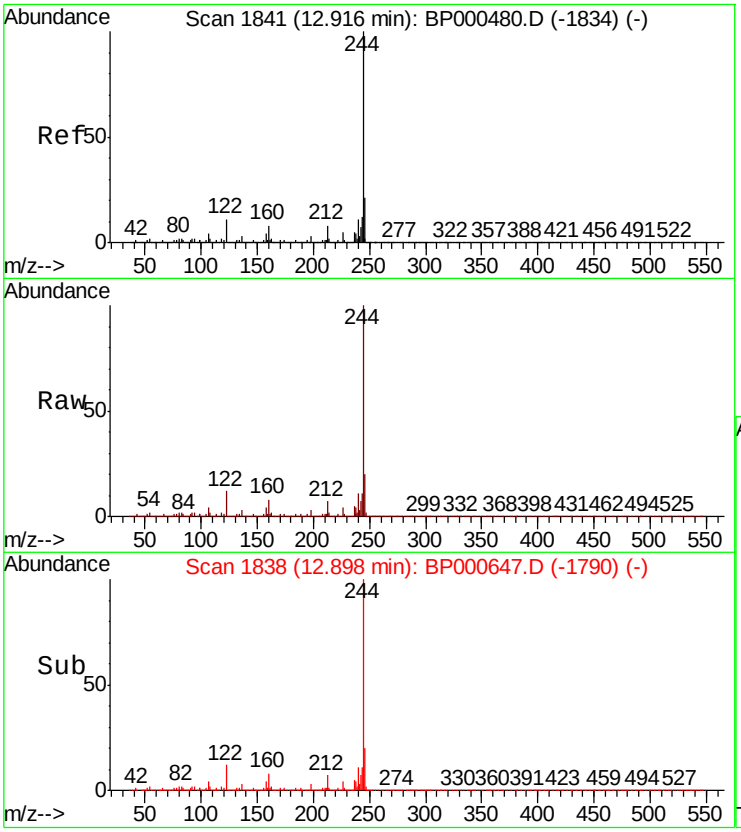


#78
Pyrene
Concen: 2.444 ng
RT: 12.75 min Scan# 1812
Delta R.T. -0.02 min
Lab File: BP000647.D
Acq: 11 Oct 2019 21:34

Tgt Ion:202 Resp: 136730

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.1	25.7
203	18.1	14.6	21.8



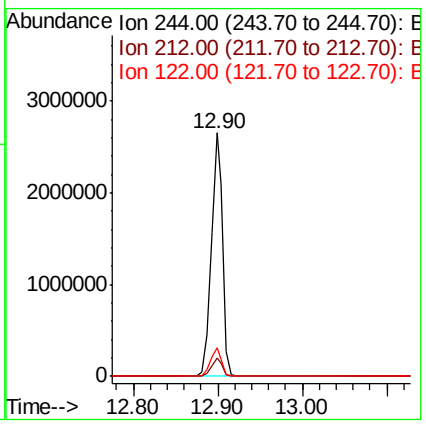


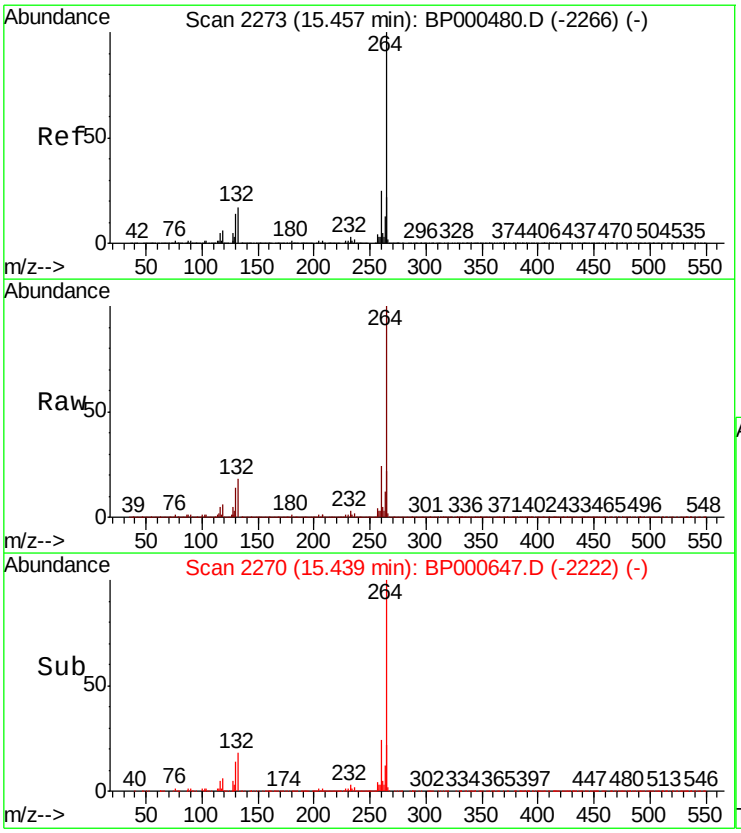
#79
Terphenyl-d14
Concen: 62.867 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.02 min
Lab File: BP000647.D
Acq: 11 Oct 2019 21:34

Instrument :
BNA_P
ClientSampleId :
TP-11

Tgt Ion:244 Resp: 2518661

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	11.8	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: BP000647.D
Acq: 11 Oct 2019 21:34

Tgt Ion:264 Resp: 868725

Ion	Ratio	Lower	Upper
264	100		
260	24.1	20.3	30.5
265	21.9	18.0	27.0