Quantitation Report (Not 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 :

Quant Time: Oct 11 23:11:33 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
19) n-Nitroso-di-n-propylamine	7.31	70	115931	13.119	ng	#	73
25) Isophorone	7.31	82	951708	34.189	ng	#	61
41) Hexachlorocyclopentadiene	8.83	237	9	7.298	ng		80
50) Dimethylphthalate	9.51	163	410445	10.845	ng		100
57) 2,4-Dinitrotoluene	9.79	165	71541	6.538	ng	#	31
67) 4-Bromophenyl-phenylether	10.59	248	36256	3.190	ng	#	1
75) Fluoranthene	12.52	202	136640	2.399	ng		99
78) Pyrene	12.75	202	136730	2.444	ng		99
88) Benzo(b)fluoranthene	15.01	252	116118	2.356	ng	#	94
89) Benzo(k)fluoranthene	15.01	252	116118	2.475	ng	#	96

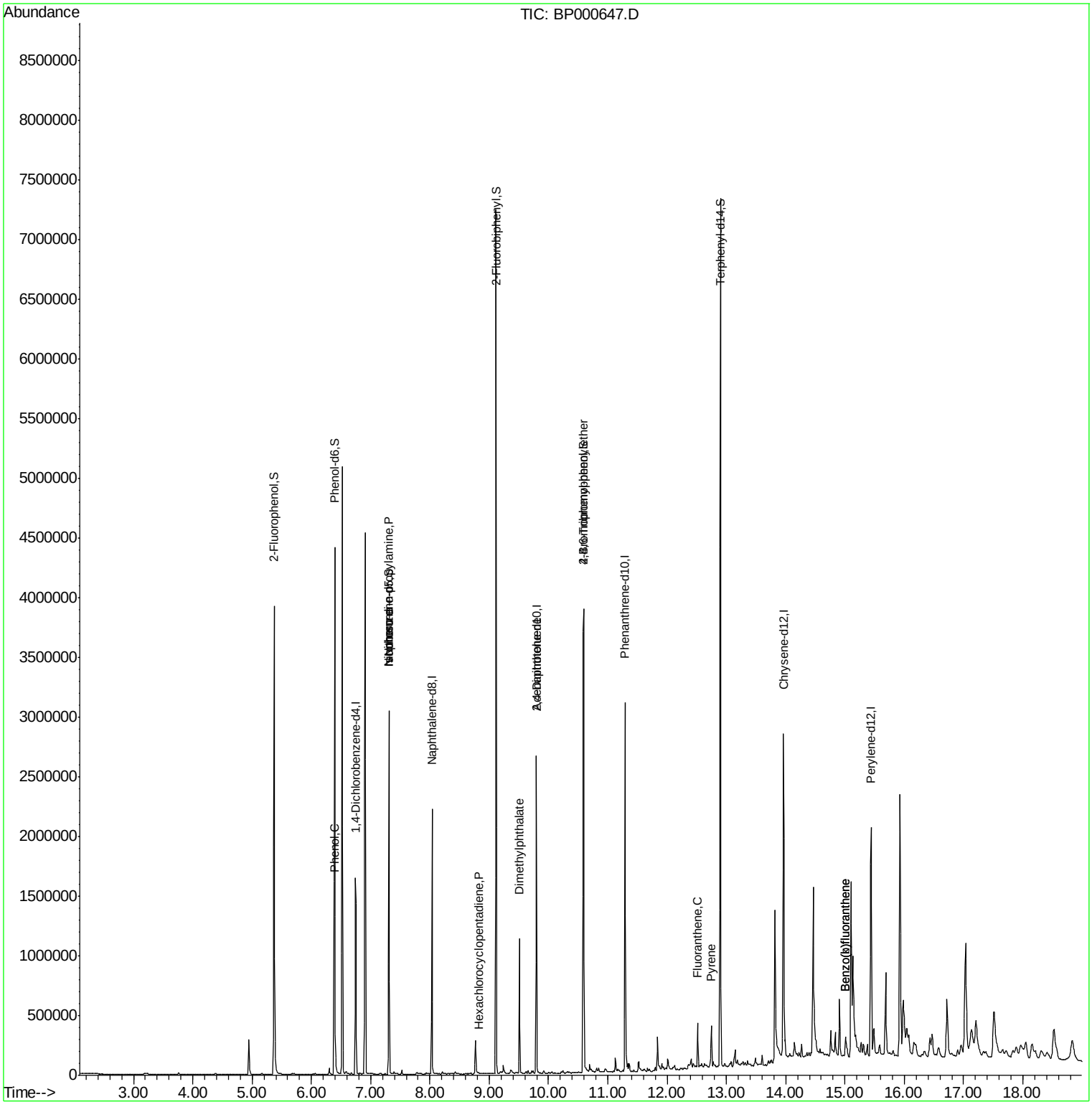
(#) = qualifier out of range (m) = manual integration (+) = signals summed

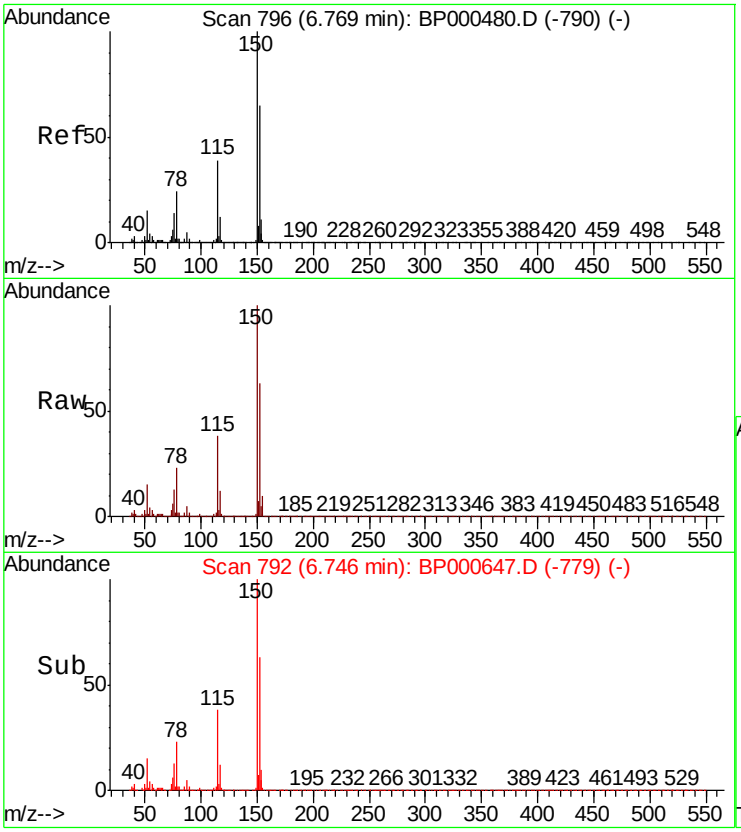
Quantitation Report (Not Reviewed)

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 :

Quant Time: Oct 11 23:11:33 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



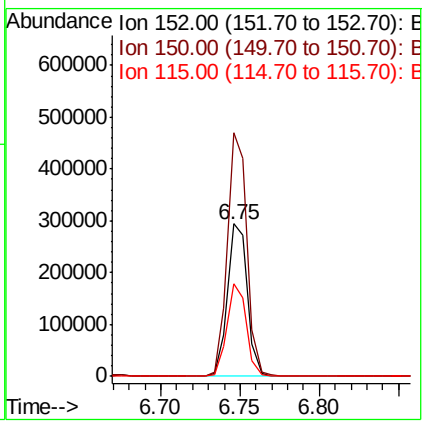


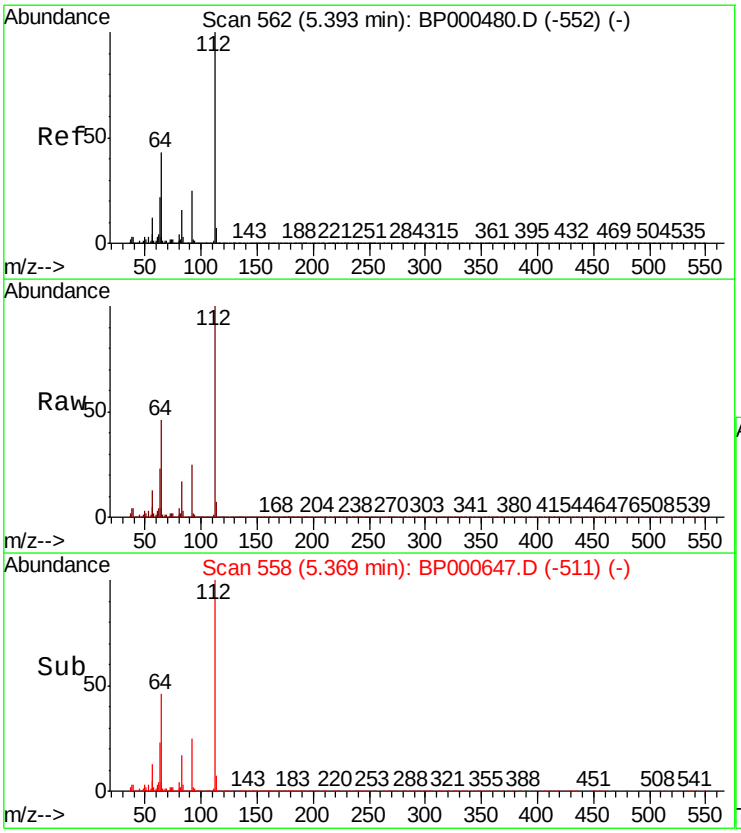
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.02 min
Lab File: BP000647.D
Acq: 11 Oct 2019 21:34

Instrument :
BNA_P
ClientSampleId :

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

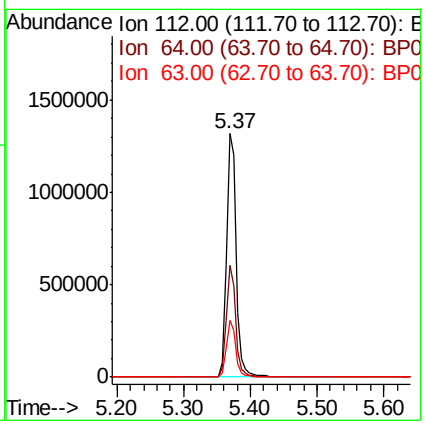


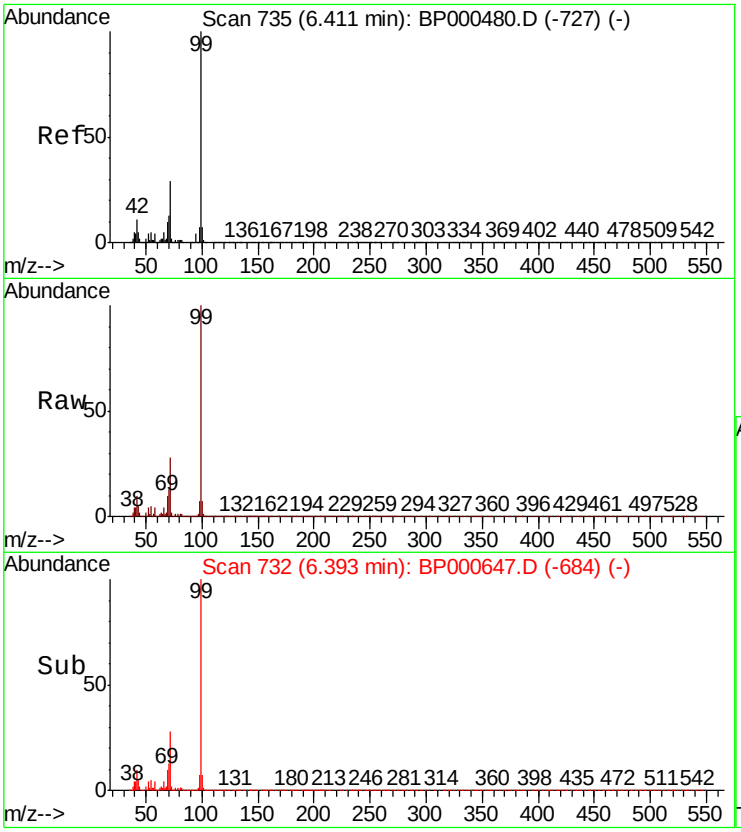


#5
2-Fluorophenol
Concen: 84.410 ng
RT: 5.37 min Scan# 558
Delta R.T. -0.02 min
Lab File: BP000647.D
Acq: 11 Oct 2019 21:34

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



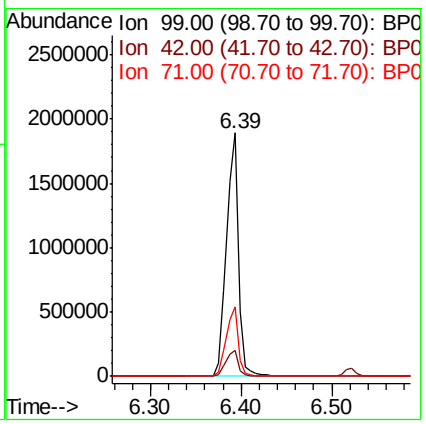


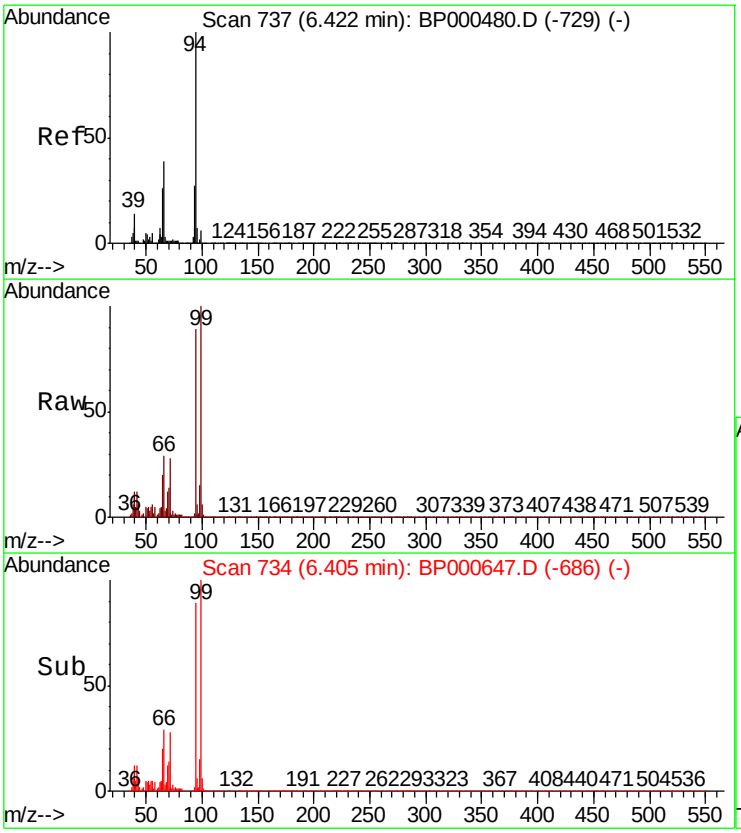
#7
Phenol-d6
Concen: 89.944 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.02 min
Lab File: BP000647.D
Acq: 11 Oct 2019 21:34

Instrument :
BNA_P
ClientSampleId :

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

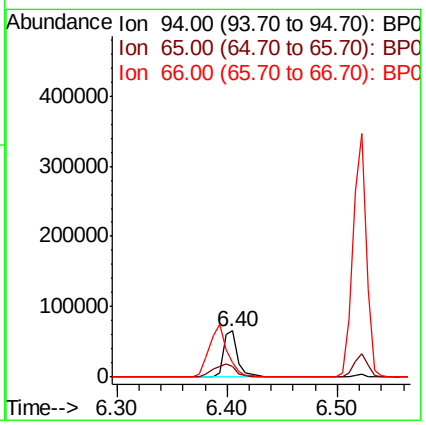


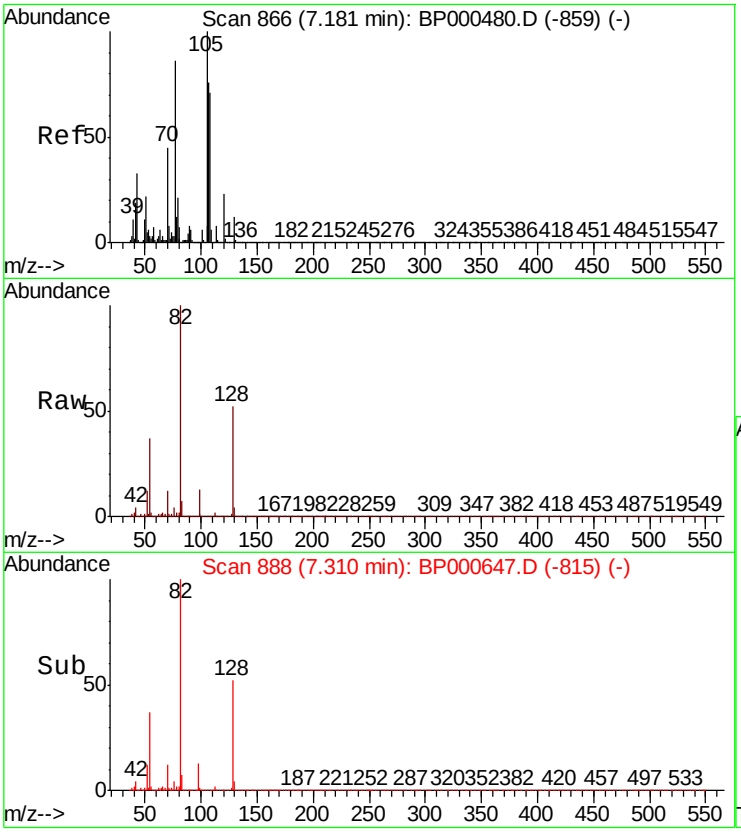


#10
Phenol
Concen: 3.013 ng
RT: 6.40 min Scan# 734
Delta R.T. -0.02 min
Lab File: BP000647.D
Acq: 11 Oct 2019 21:34

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



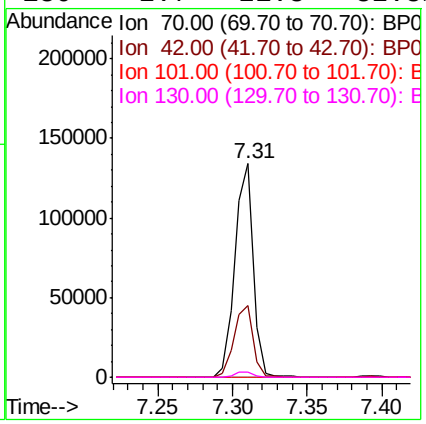


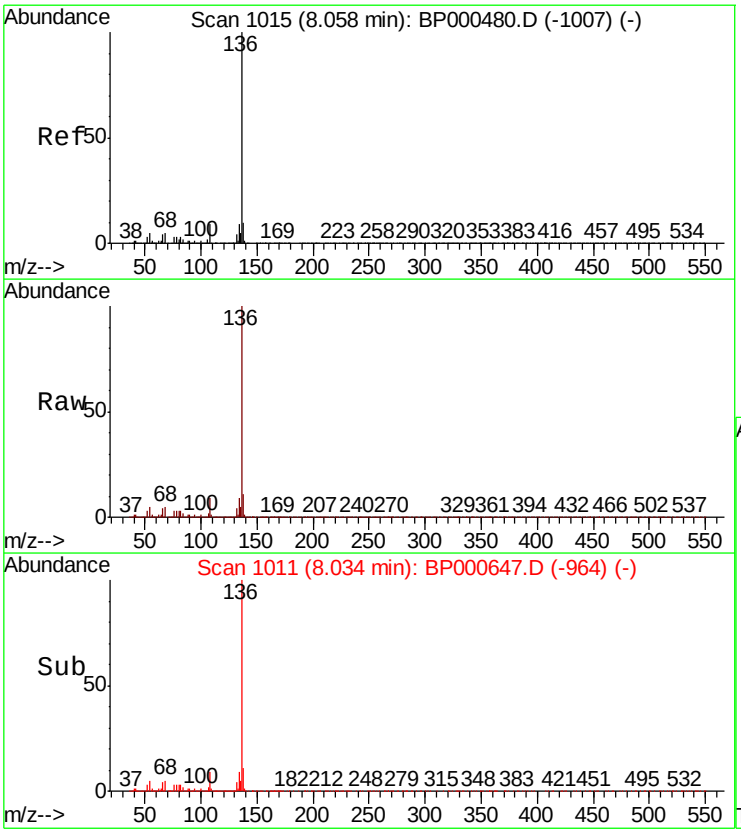
#19
n-Nitroso-di-n-propylamine
Concen: 13.119 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.13 min
Lab File: BP000647.D
Acq: 11 Oct 2019 21:34

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 70 Resp: 115931

Ion	Ratio	Lower	Upper
70	100		
42	33.7	33.2	49.8
101	0.0	9.9	14.9#
130	2.7	21.8	32.8#

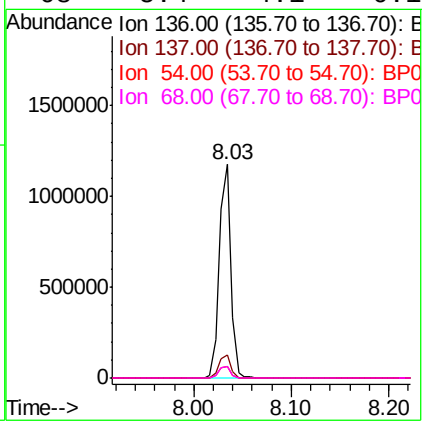


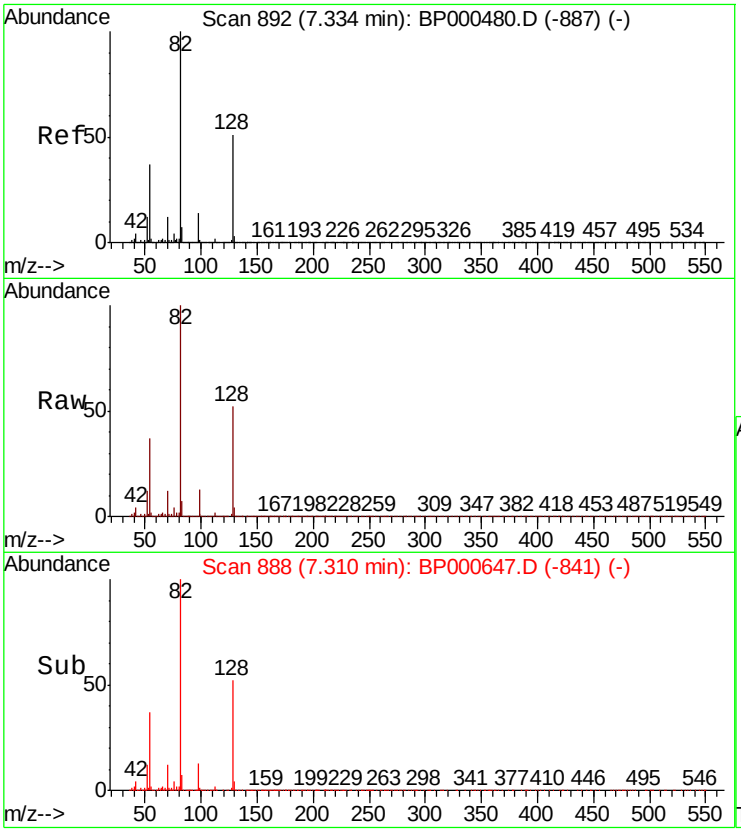


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BP000647.D
Acq: 11 Oct 2019 21:34

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



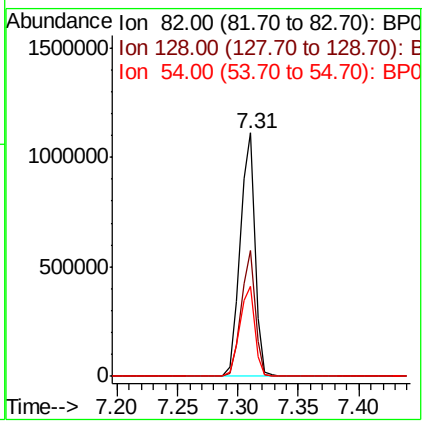


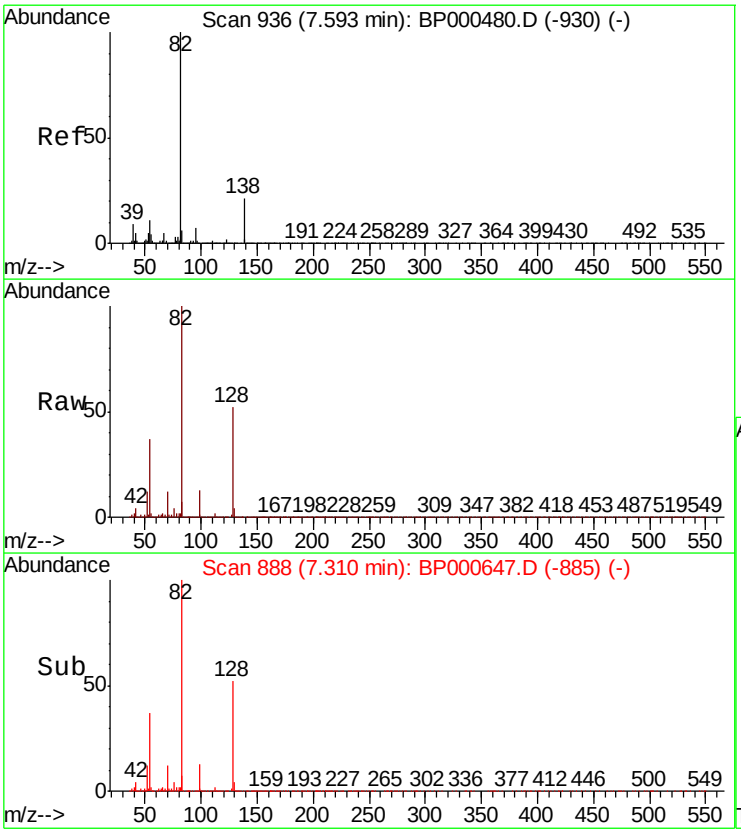
#23
Nitrobenzene-d5
Concen: 60.698 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BP000647.D
Acq: 11 Oct 2019 21:34

Instrument :
BNA_P
ClientSampleId :

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

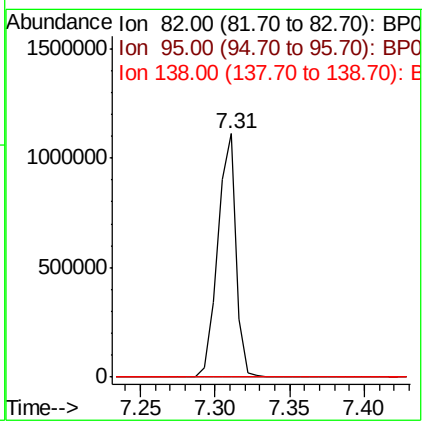


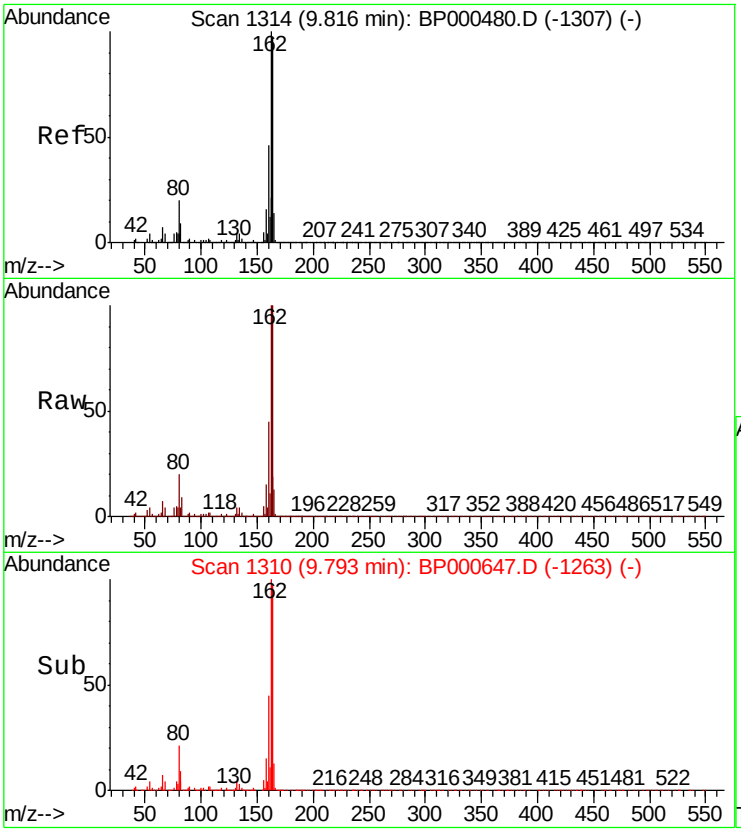


#25
Isophorone
Concen: 34.189 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.28 min
Lab File: BP000647.D
Acq: 11 Oct 2019 21:34

Tgt Ion: 82 Resp: 951708

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	17.0	25.4#



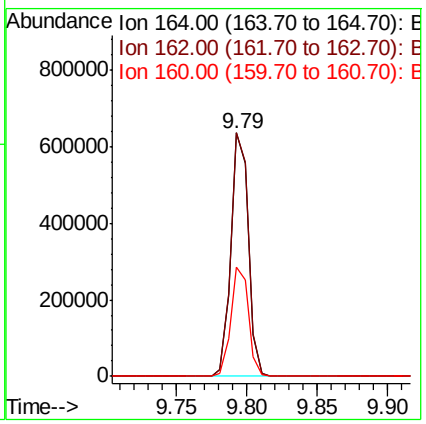


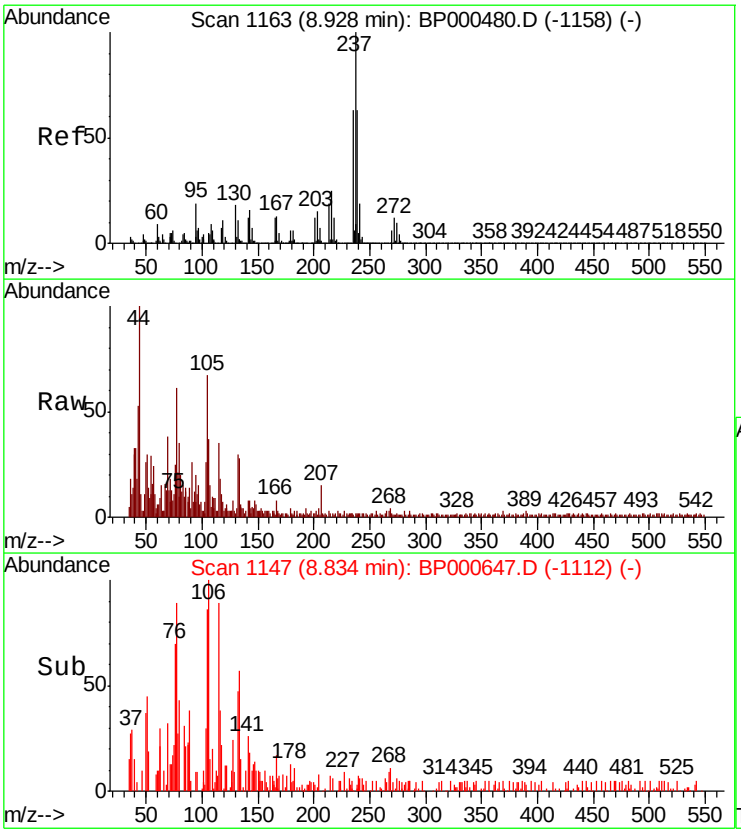
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BP000647.D
Acq: 11 Oct 2019 21:34

Instrument :
BNA_P
ClientSampleId :

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

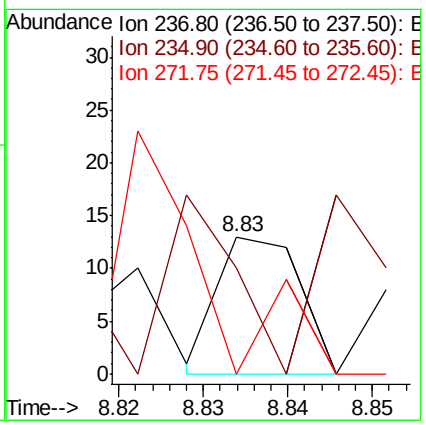


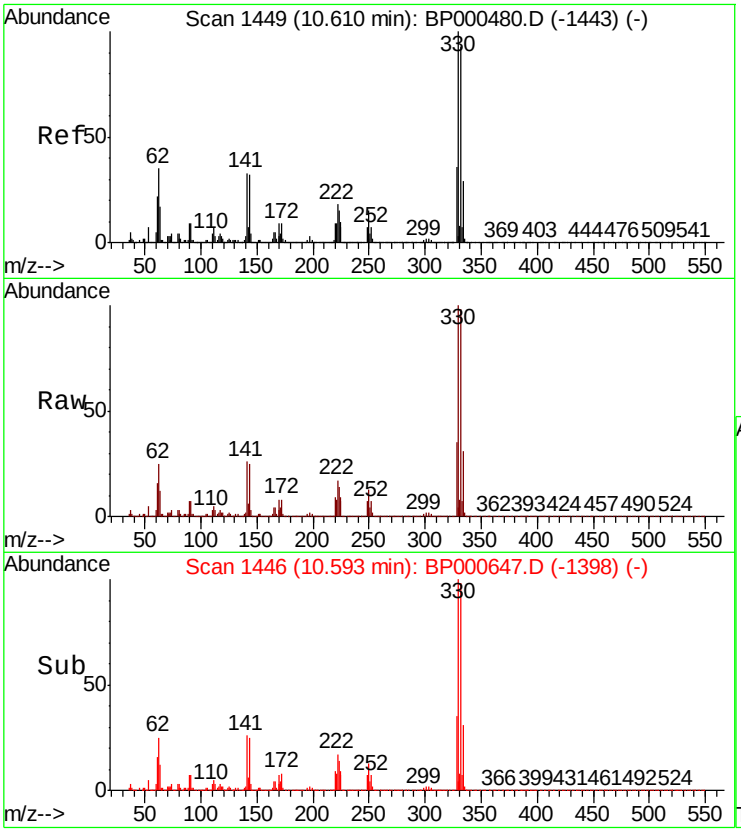


#41
Hexachlorocyclopentadiene
Concen: 7.298 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.09 min
Lab File: BP000647.D
Acq: 11 Oct 2019 21:34

Tgt Ion:237 Resp: 9

Ion	Ratio	Lower	Upper
237	100		
235	76.9	42.9	82.9
272	0.0	0.0	32.4



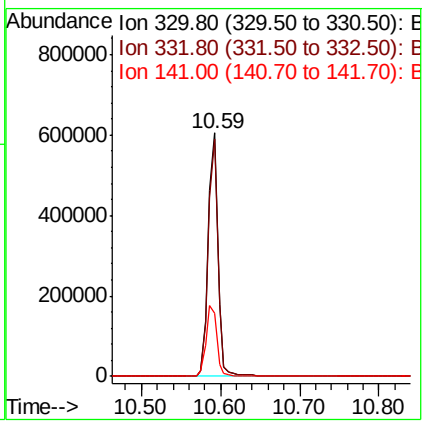


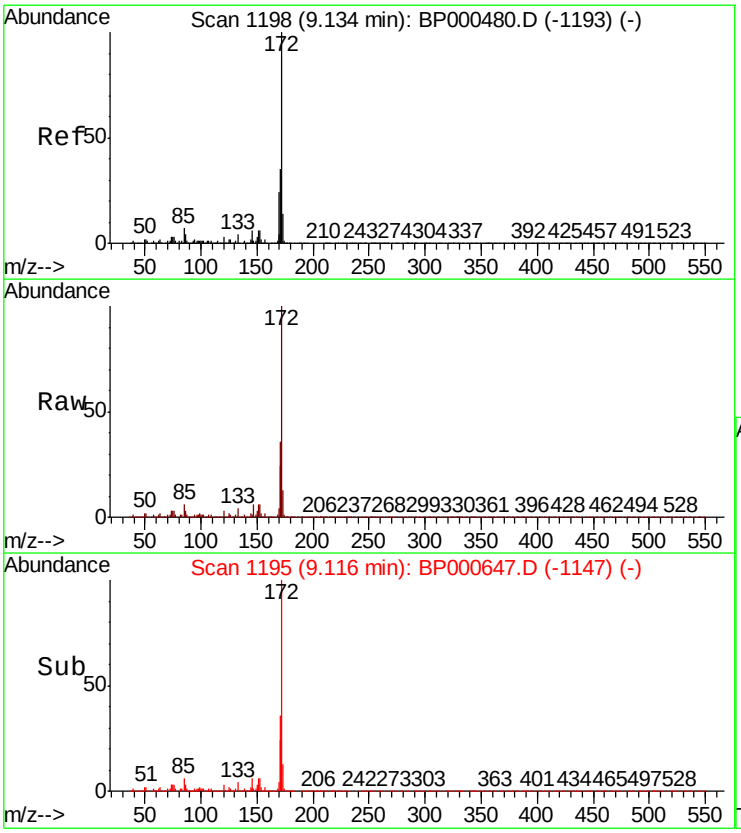
#42
2,4,6-Tribromophenol
Concen: 89.599 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BP000647.D
Acq: 11 Oct 2019 21:34

Instrument :
BNA_P
ClientSampleId :

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

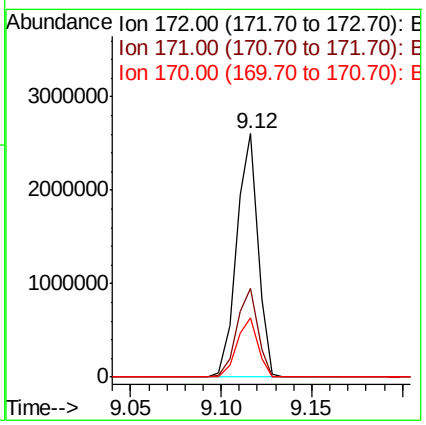


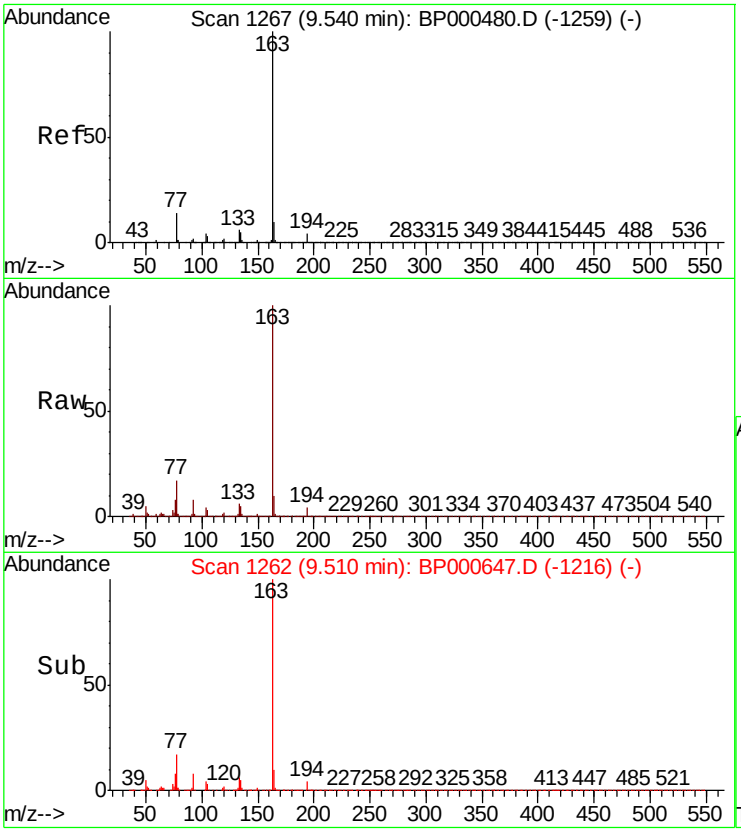


#45
2-Fluorobiphenyl
Concen: 63.177 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BP000647.D
Acq: 11 Oct 2019 21:34

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



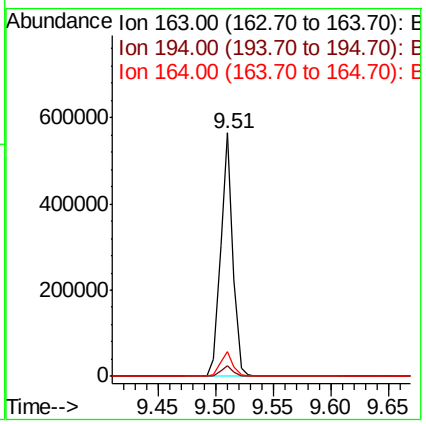


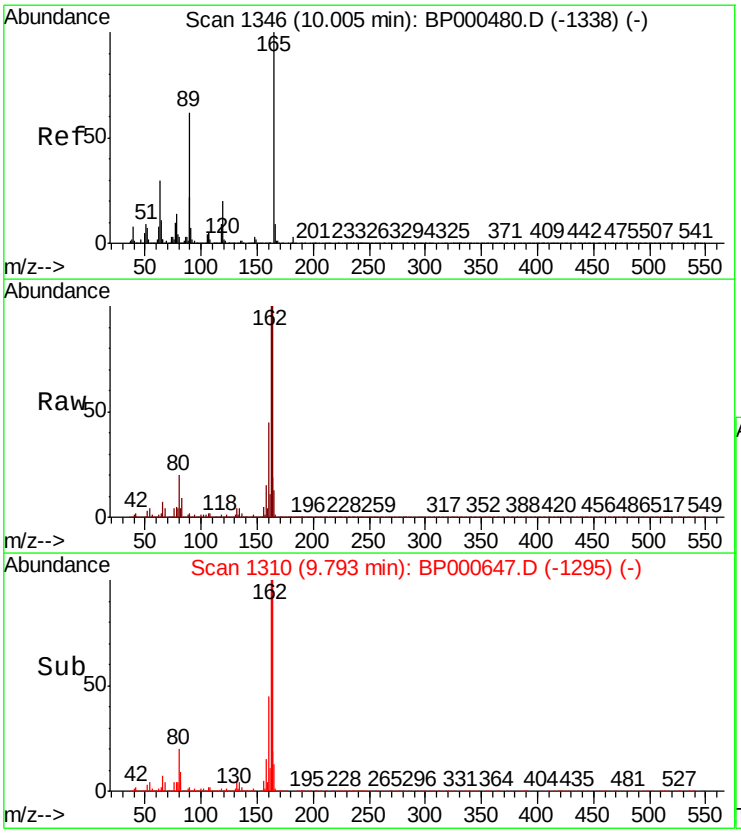
#50
Dimethylphthalate
Concen: 10.845 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BP000647.D
Acq: 11 Oct 2019 21:34

Instrument :
BNA_P
ClientSampleId :

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

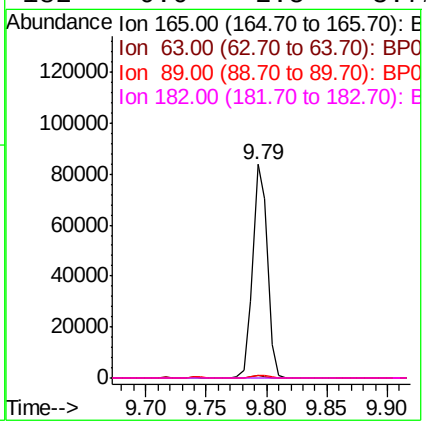


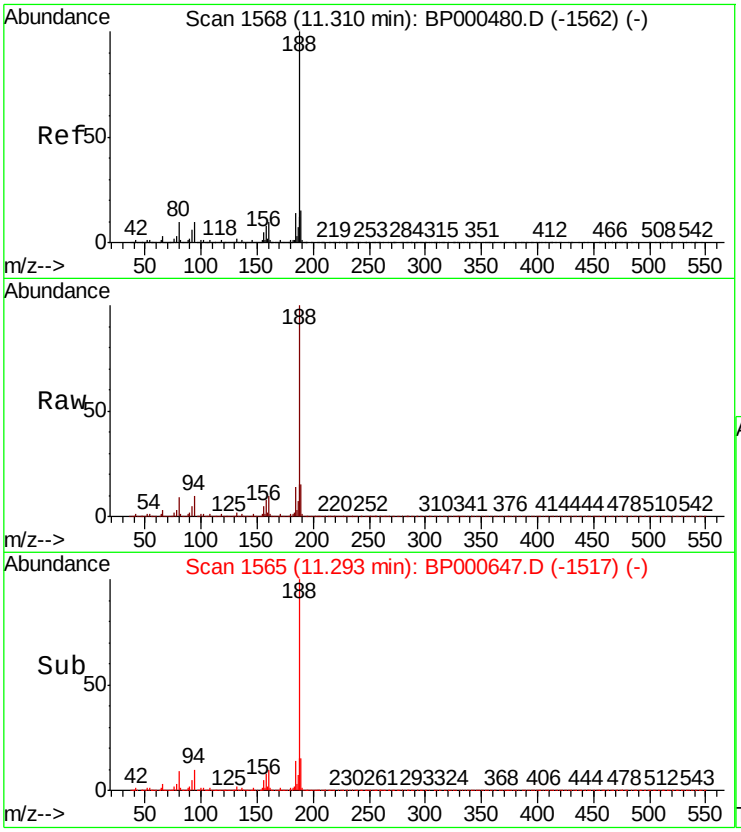


#57
2,4-Dinitrotoluene
Concen: 6.538 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.21 min
Lab File: BP000647.D
Acq: 11 Oct 2019 21:34

Tgt Ion:165 Resp: 71541

Ion	Ratio	Lower	Upper
165	100		
63	0.9	24.2	36.4#
89	1.3	49.4	74.0#
182	0.0	2.5	3.7#



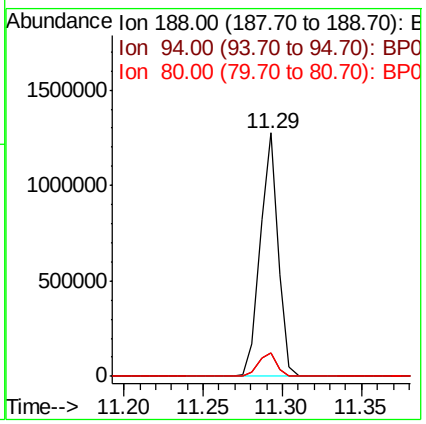


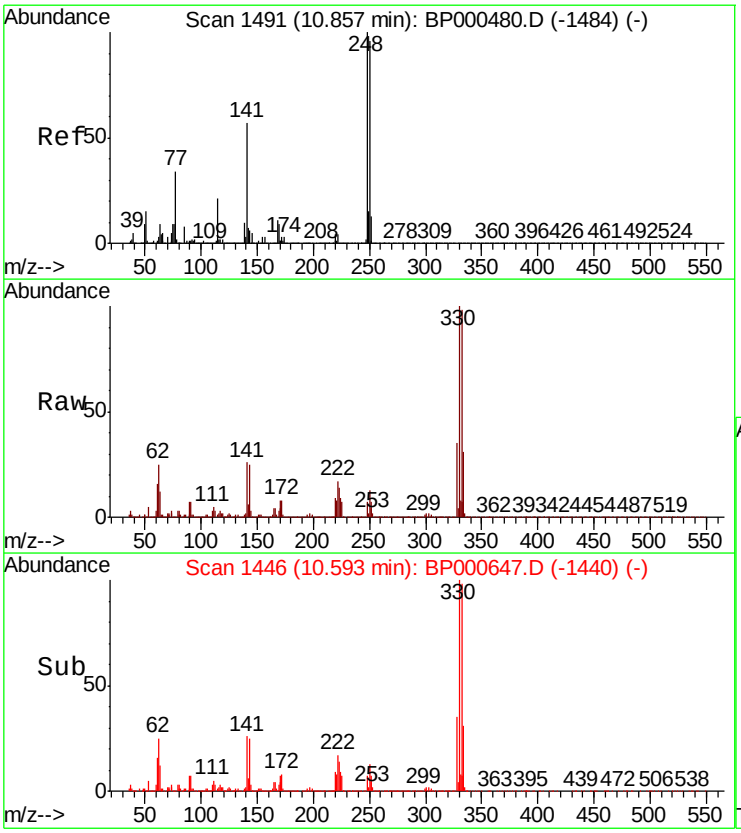
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.02 min
Lab File: BP000647.D
Acq: 11 Oct 2019 21:34

Instrument :
BNA_P
ClientSampleId :

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

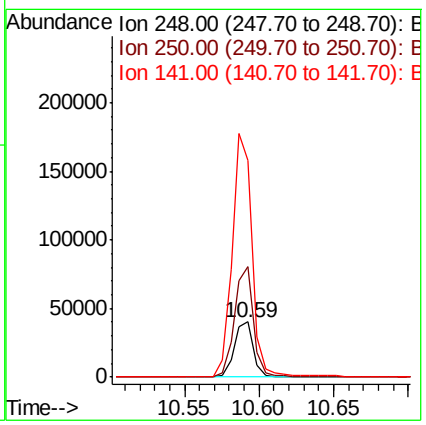


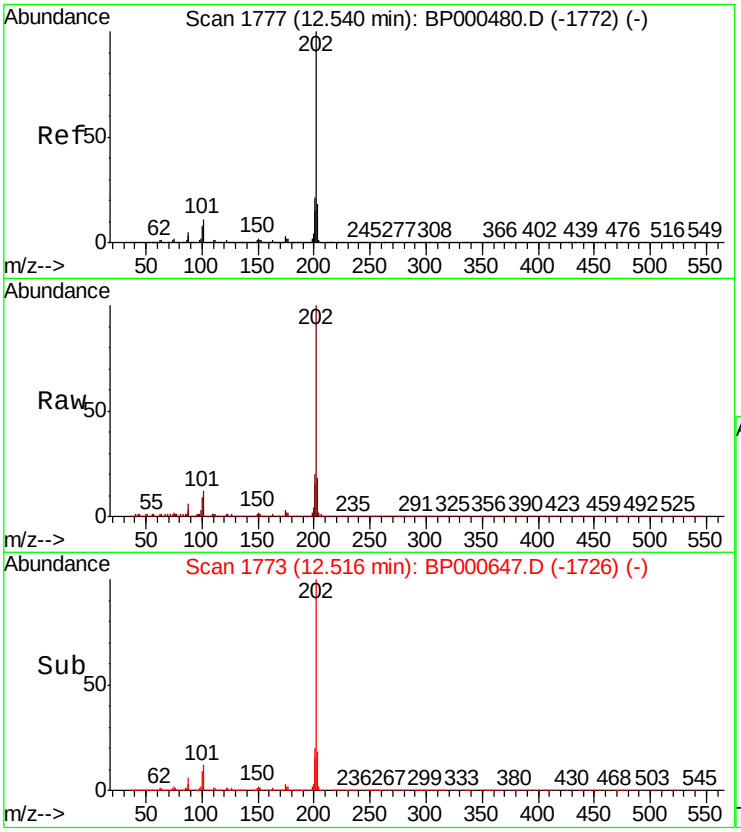


#67
4-Bromophenyl-phenylether
Concen: 3.190 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.26 min
Lab File: BP000647.D
Acq: 11 Oct 2019 21:34

Tgt Ion:248 Resp: 36256

Ion	Ratio	Lower	Upper
248	100		
250	200.5	77.2	115.8#
141	394.5	45.3	67.9#



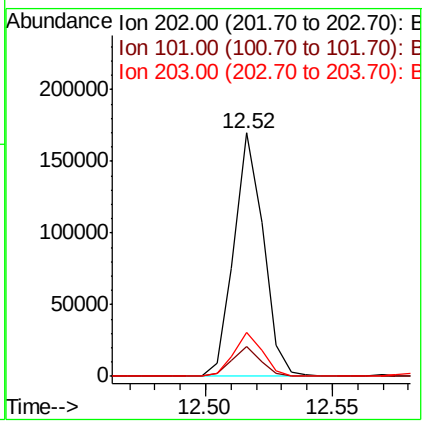


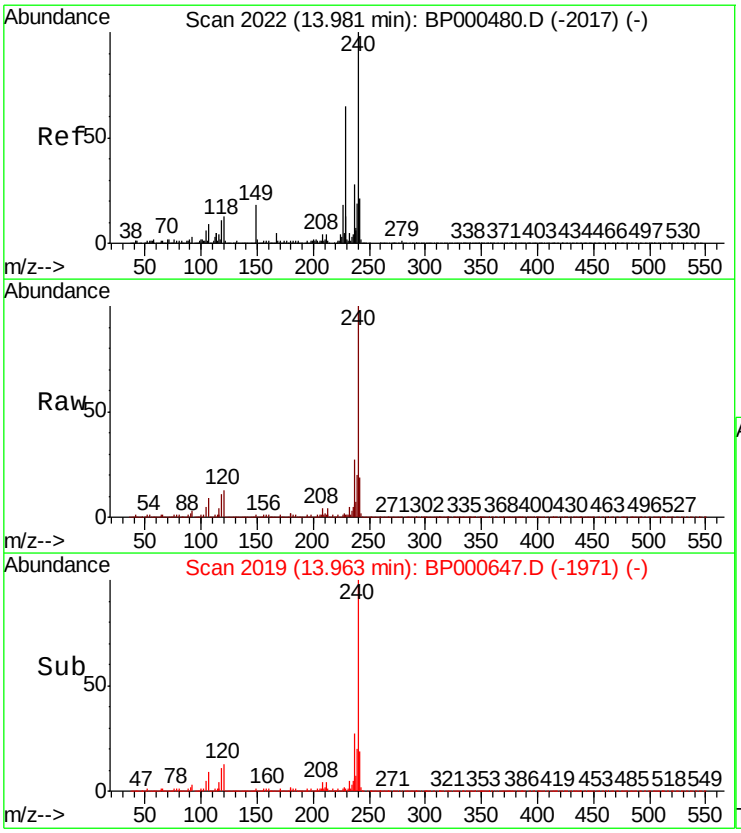
#75
Fluoranthene
Concen: 2.399 ng
RT: 12.52 min Scan# 1773
Delta R.T. -0.02 min
Lab File: BP000647.D
Acq: 11 Oct 2019 21:34

Instrument :
BNA_P
ClientSampleId :

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

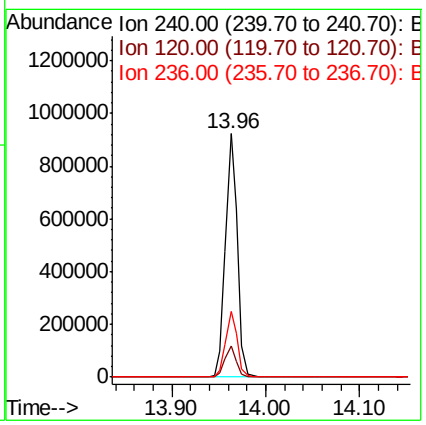


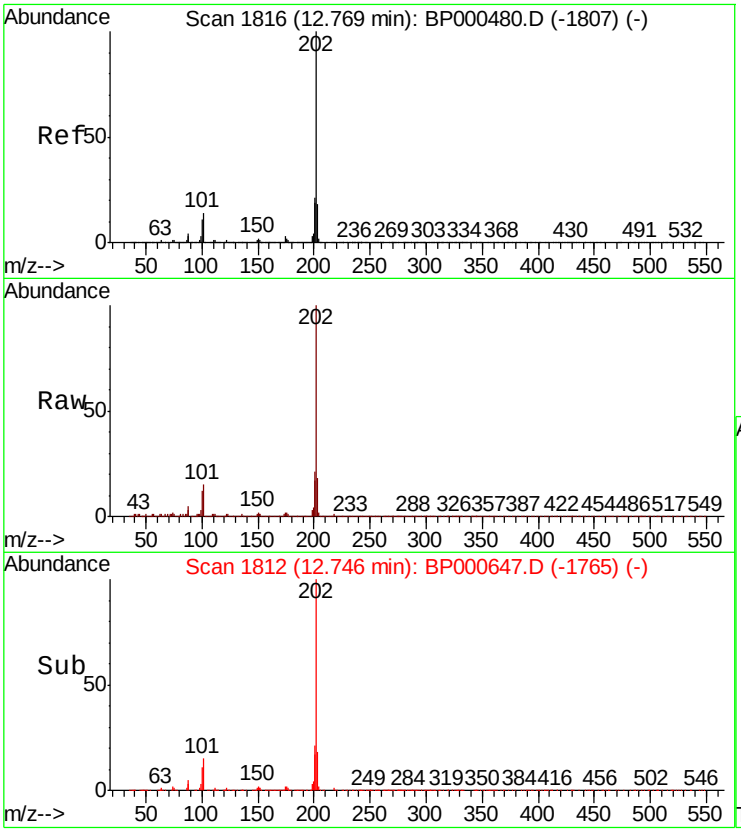


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BP000647.D
Acq: 11 Oct 2019 21:34

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



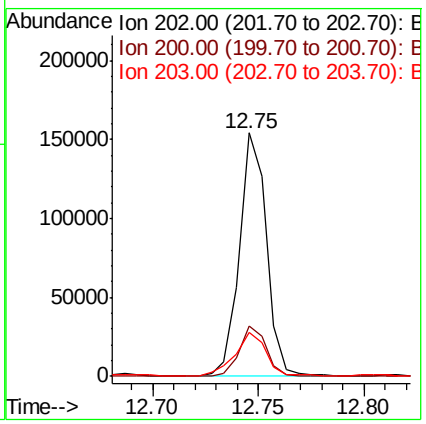


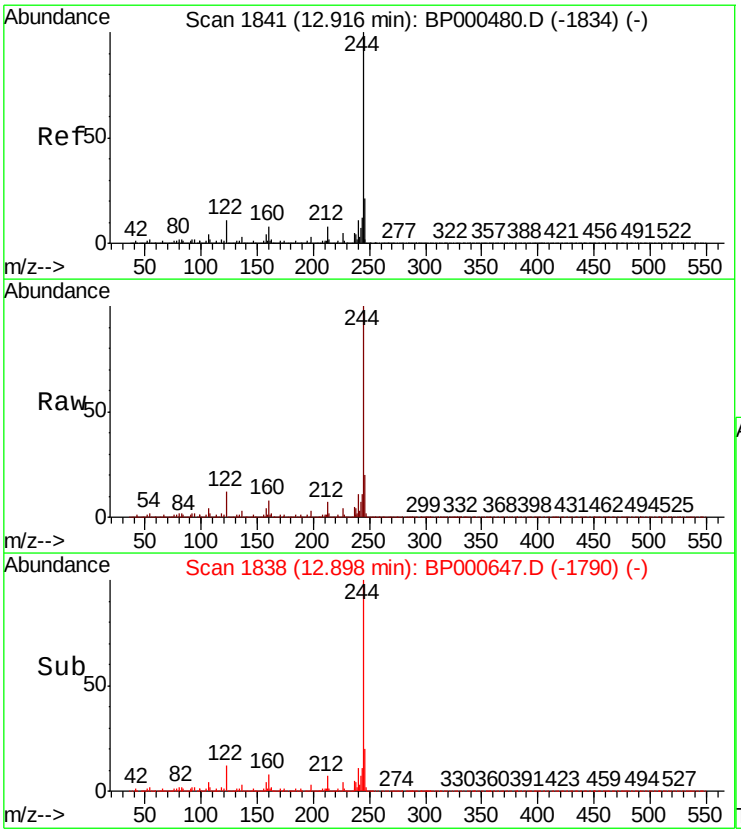
#78
Pyrene
Concen: 2.444 ng
RT: 12.75 min Scan# 1812
Delta R.T. -0.02 min
Lab File: BP000647.D
Acq: 11 Oct 2019 21:34

Instrument :
BNA_P
ClientSampleId :

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

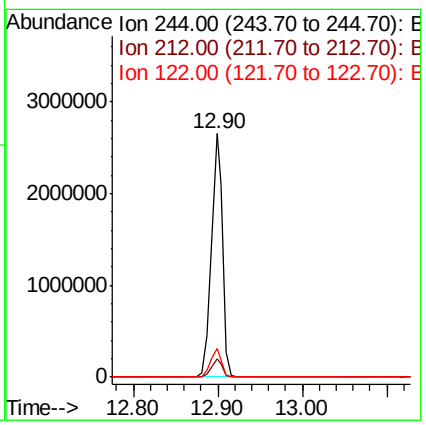


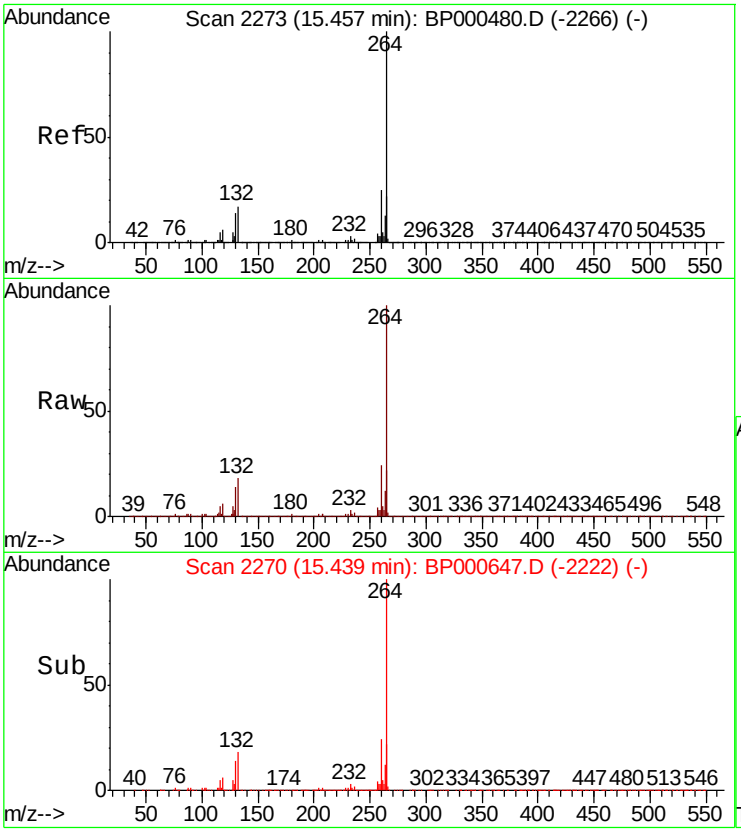


#79
Terphenyl-d14
Concen: 62.867 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.02 min
Lab File: BP000647.D
Acq: 11 Oct 2019 21:34

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



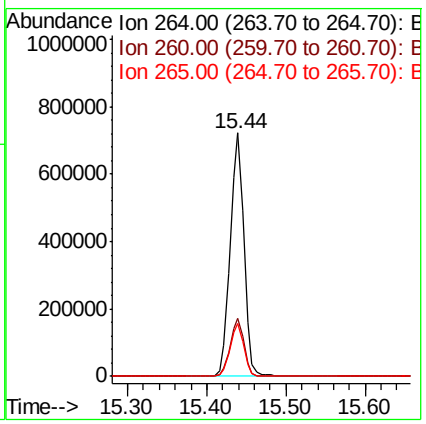


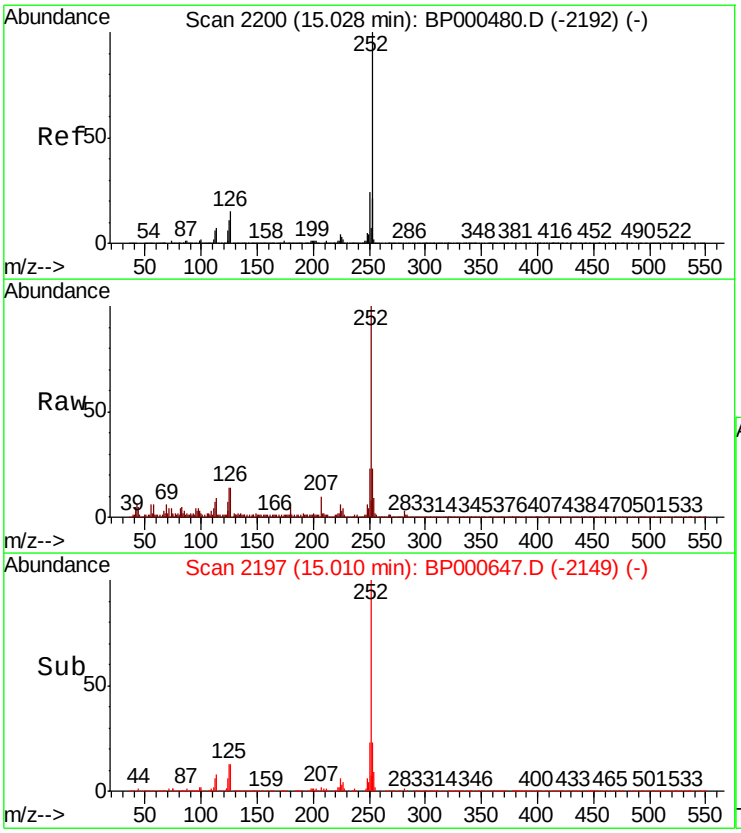
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.02 min
Lab File: BP000647.D
Acq: 11 Oct 2019 21:34

Instrument :
BNA_P
ClientSampleId :

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

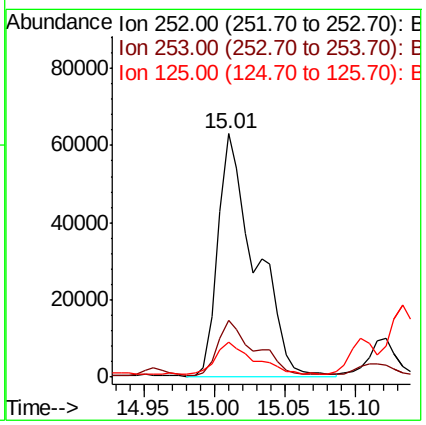


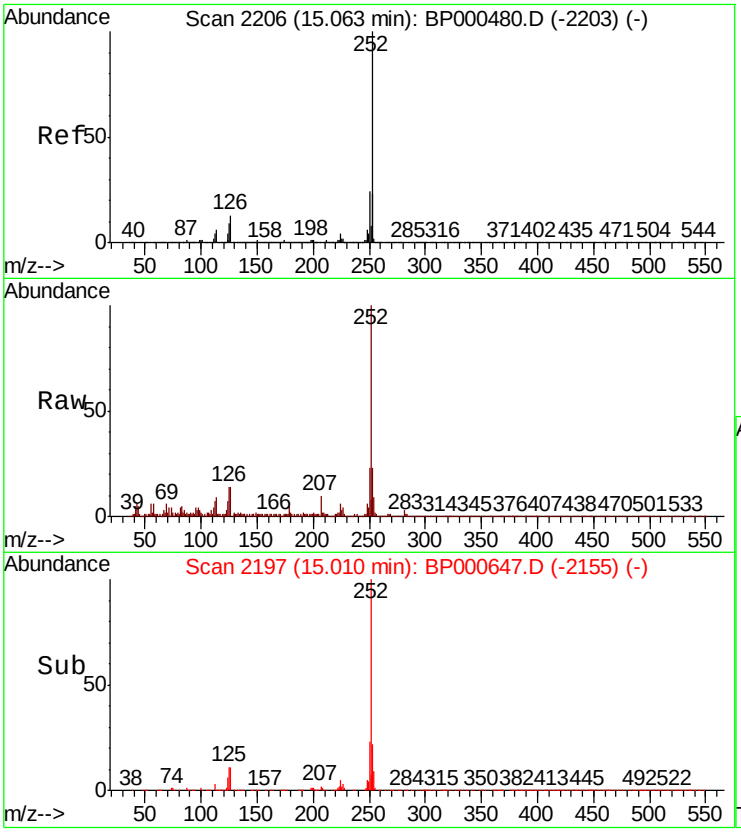


#88
Benzo(b)fluoranthene
Concen: 2.356 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.02 min
Lab File: BP000647.D
Acq: 11 Oct 2019 21:34

Tgt Ion:252 Resp: 116118

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.0	25.4
125	14.4	8.9	13.3#





#89
Benzo(k)fluoranthene
Concen: 2.475 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.05 min
Lab File: BP000647.D
Acq: 11 Oct 2019 21:34

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 116118

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.4	27.6
125	14.4	7.8	11.8#