Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100419\
Data File : BP000515.D
Acq On : 04 Oct 2019 18:24
Operator : JU
Sample : K5143-01RE
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Oct 04 23:40:17 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	6.77	152	232223	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	824312	20.00	ng		0.00
39) Acenaphthene-d10	9.81	164	434323	20.00	ng		0.00
64) Phenanthrene-d10	11.31	188	423225	20.00	ng		0.00
76) Chrysene-d12	13.98	240	385505	20.00	ng		0.00
87) Perylene-d12	15.46	264	458143	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	1296962	89.78	ng		0.00
7) Phenol-d6	6.41	99	1633086	93.81	ng		0.00
23) Nitrobenzene-d5	7.33	82	893577	66.21	ng		0.00
42) 2,4,6-Tribromophenol	10.60	330	316807	68.45	ng		0.00
45) 2-Fluorobiphenyl	9.13	172	1945506	72.48	ng		0.00
79) Terphenyl-d14	12.92	244	1355586	71.20	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.42	94	52502	2.946	ng		90
19) n-Nitroso-di-n-propylamine	7.33	70	110154	13.727	ng	#	74
25) Isophorone	7.33	82	892062	37.241	ng	#	61
41) Hexachlorocyclopentadiene	8.97	237	16	7.300	ng		75
50) Dimethylphthalate	9.52	163	250022	8.285	ng		99
57) 2,4-Dinitrotoluene	9.81	165	56280	6.450	ng	#	32
67) 4-Bromophenyl-phenylether	10.60	248	20285	4.258	ng	#	1
71) Phenanthrene	11.33	178	46075	2.168	ng		98
75) Fluoranthene	12.53	202	146547	6.139	ng		97
78) Pyrene	12.76	202	153537	5.775	ng		99
81) Benzo(a)anthracene	13.97	228	87811	3.733	ng		94
83) Chrysene	14.00	228	97902	4.241	ng		97
86) Indeno(1,2,3-cd)pyrene	16.93	276	100216	3.475	ng	#	87
88) Benzo(b)fluoranthene	15.03	252	205711	7.915	ng		94
89) Benzo(k)fluoranthene	15.03	252	205711	8.313	ng		98
90) Benzo(a)pyrene	15.39	252	118360	4.885	ng		98
92) Benzo(g,h,i)perylene	17.37	276	109337	4.579	ng	#	93

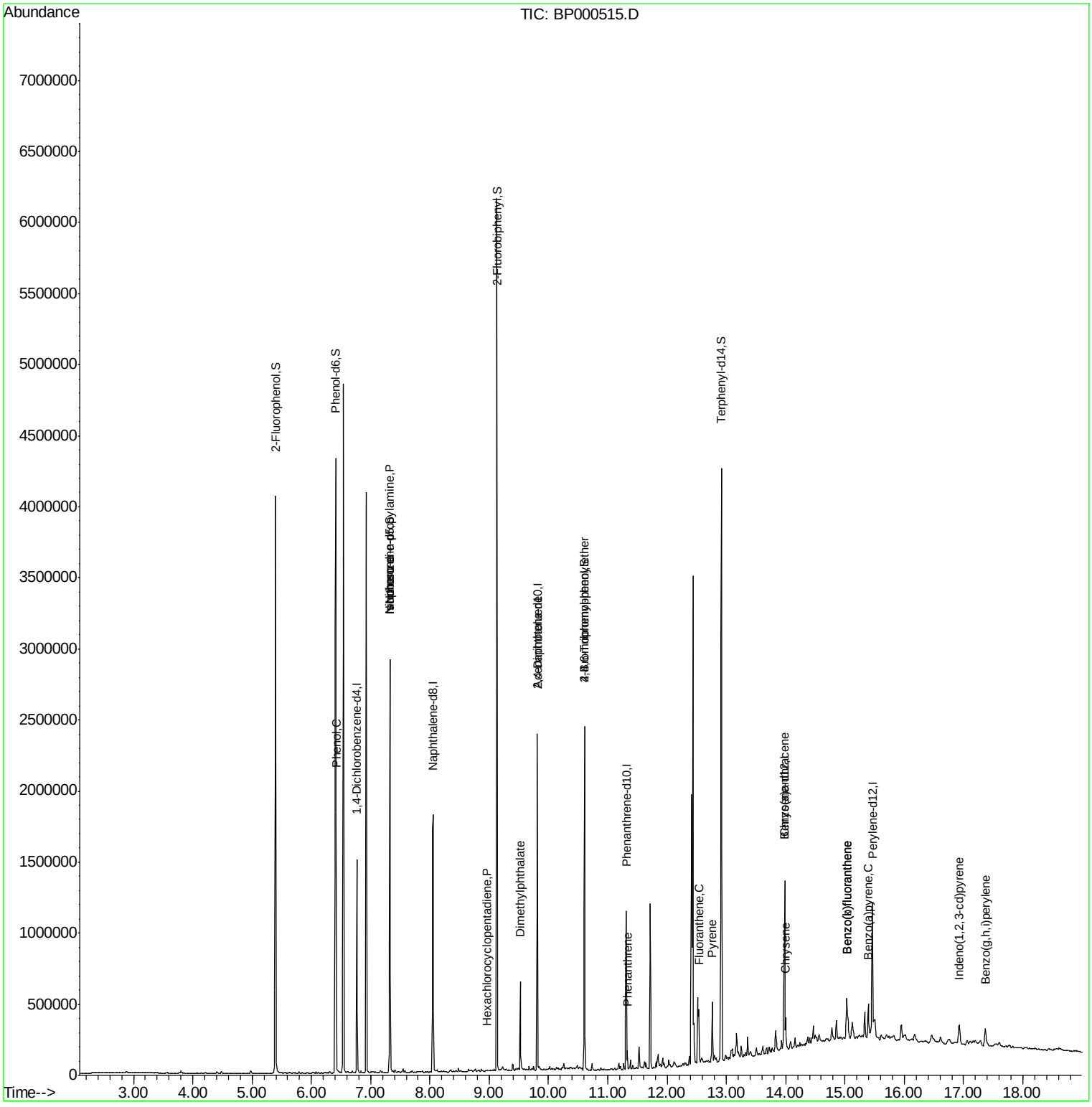
(#) = qualifier out of range (m) = manual integration (+) = signals summed

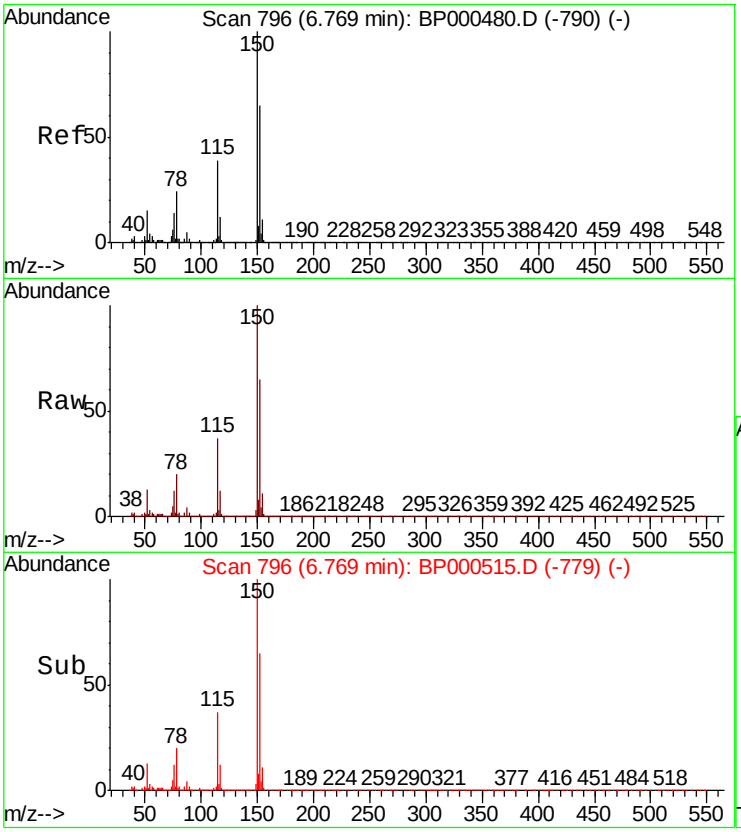
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100419\
Data File : BP000515.D
Acq On : 04 Oct 2019 18:24
Operator : JU
Sample : K5143-01RE
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Oct 04 23:40:17 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



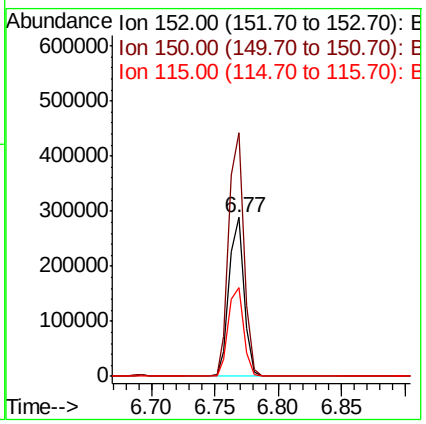


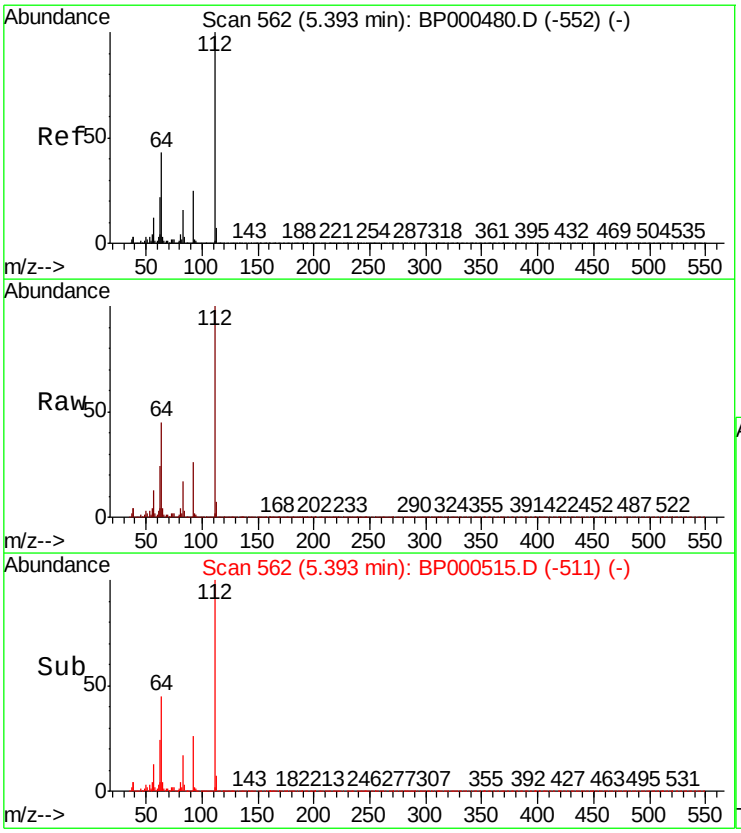
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.00 min
Lab File: BP000515.D
Acq: 04 Oct 2019 18:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 232223

Ion	Ratio	Lower	Upper
152	100		
150	153.5	124.1	186.1
115	56.1	48.7	73.1

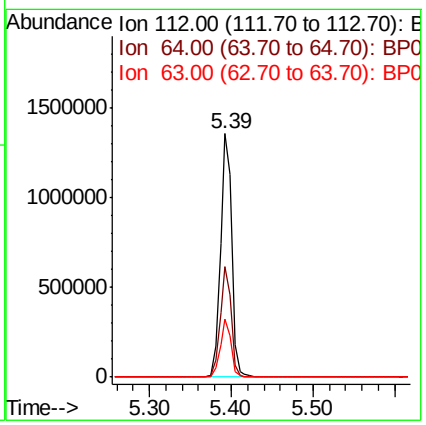


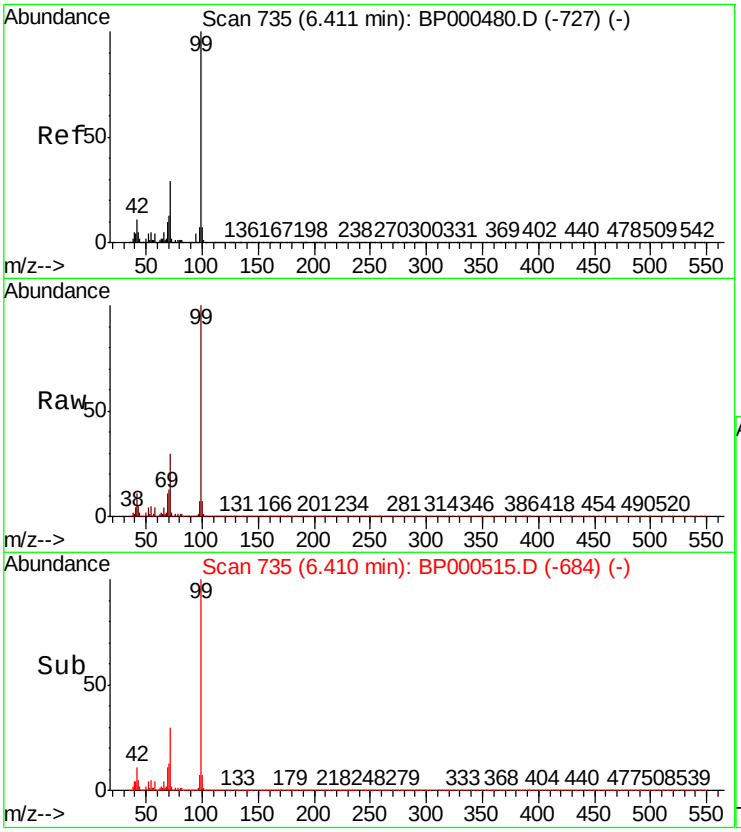


#5
2-Fluorophenol
Concen: 89.775 ng
RT: 5.39 min Scan# 562
Delta R.T. -0.00 min
Lab File: BP000515.D
Acq: 04 Oct 2019 18:24

Tgt Ion:112 Resp: 1296962

Ion	Ratio	Lower	Upper
112	100		
64	45.5	34.2	51.4
63	23.7	17.9	26.9



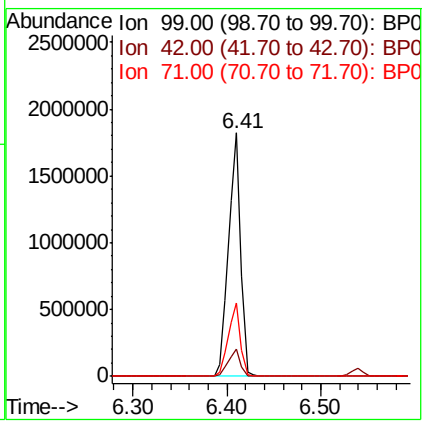


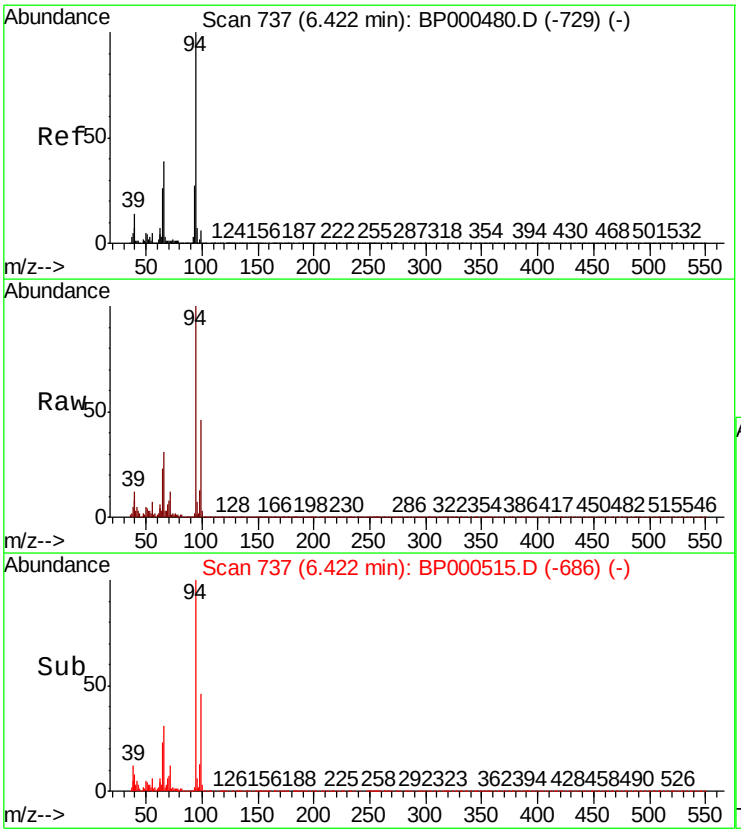
#7
Phenol-d6
Concen: 93.807 ng
RT: 6.41 min Scan# 735
Delta R.T. -0.00 min
Lab File: BP000515.D
Acq: 04 Oct 2019 18:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 1633086

Ion	Ratio	Lower	Upper
99	100		
42	11.1	8.6	12.8
71	30.3	23.0	34.4

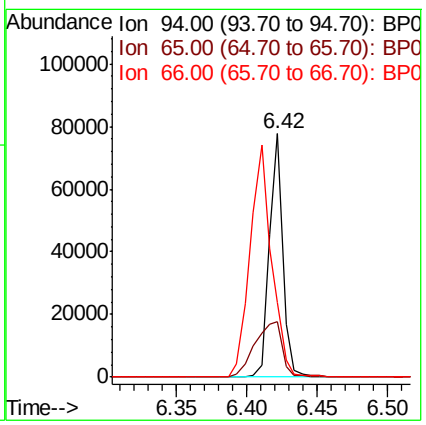


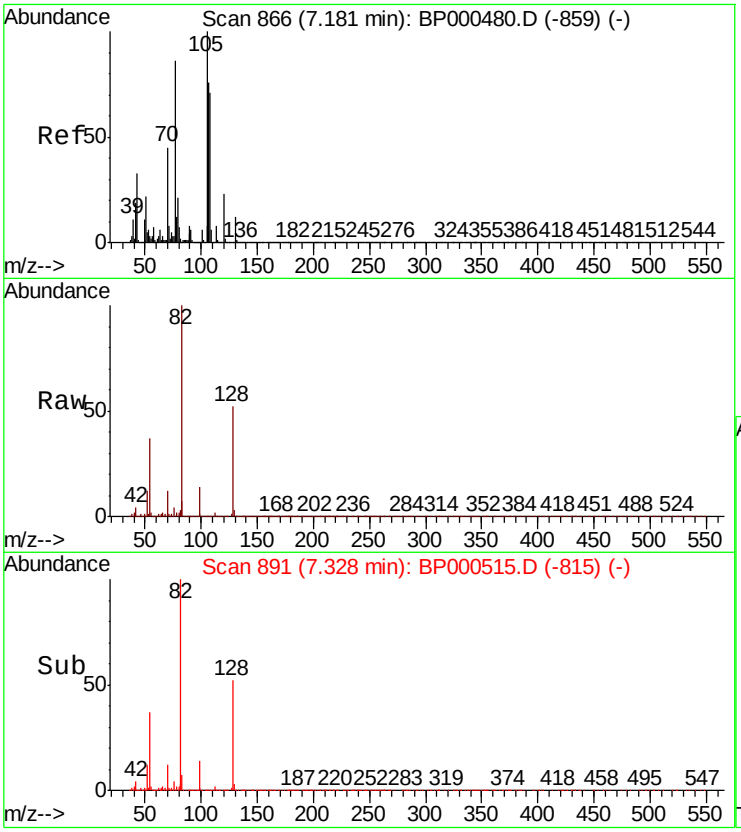


#10
Phenol
Concen: 2.946 ng
RT: 6.42 min Scan# 737
Delta R.T. -0.00 min
Lab File: BP000515.D
Acq: 04 Oct 2019 18:24

Tgt Ion: 94 Resp: 52502

Ion	Ratio	Lower	Upper
94	100		
65	22.7	5.9	45.9
66	30.9	18.8	58.8



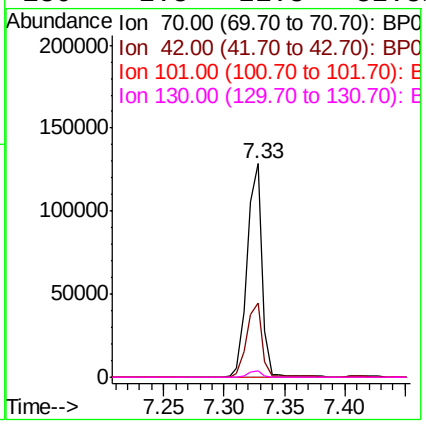


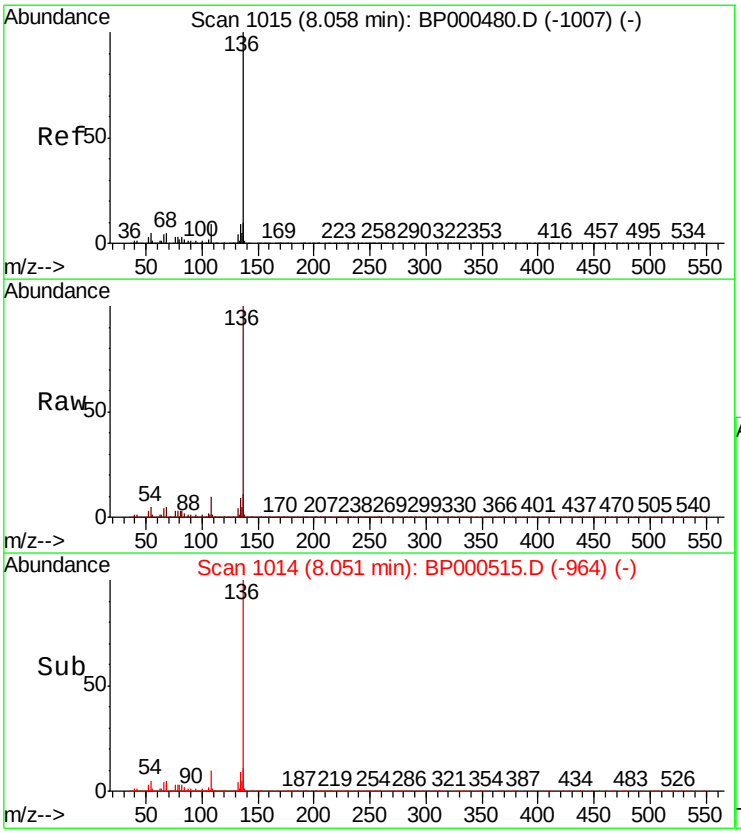
#19
n-Nitroso-di-n-propylamine
Concen: 13.727 ng
RT: 7.33 min Scan# 891
Delta R.T. 0.15 min
Lab File: BP000515.D
Acq: 04 Oct 2019 18:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 70 Resp: 110154

Ion	Ratio	Lower	Upper
70	100		
42	34.7	33.2	49.8
101	0.1	9.9	14.9#
130	2.8	21.8	32.8#

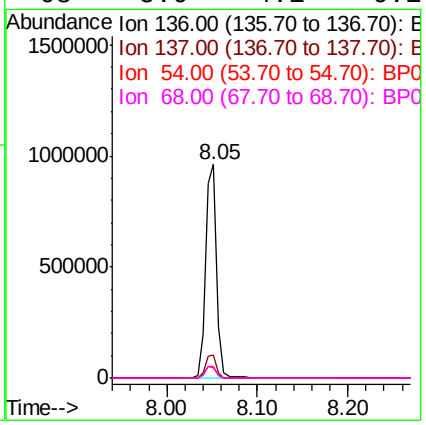


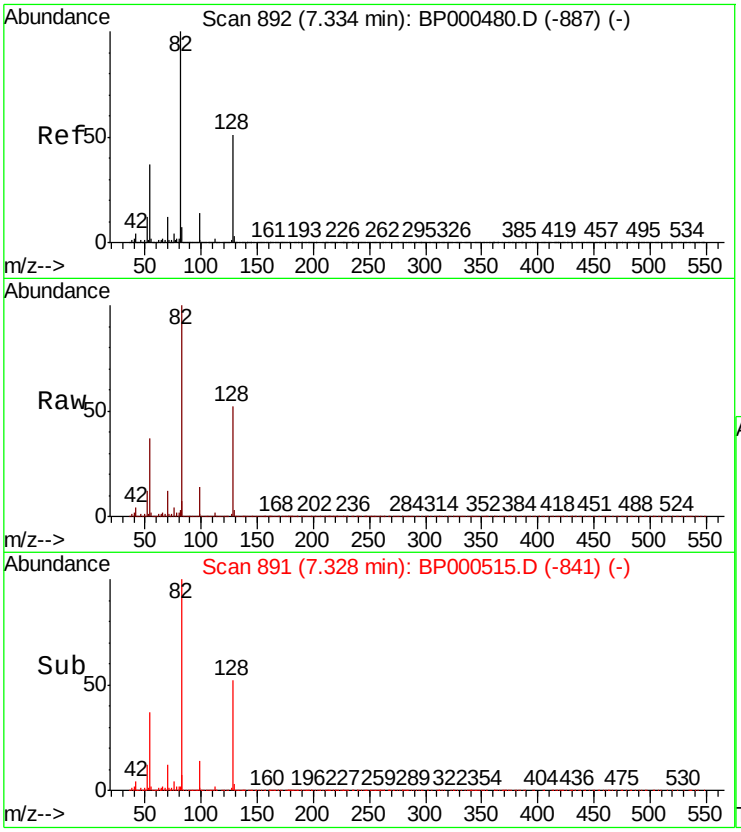


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BP000515.D
Acq: 04 Oct 2019 18:24

Tgt Ion:136 Resp: 824312

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.2	12.4
54	5.1	4.1	6.1
68	5.0	4.1	6.1



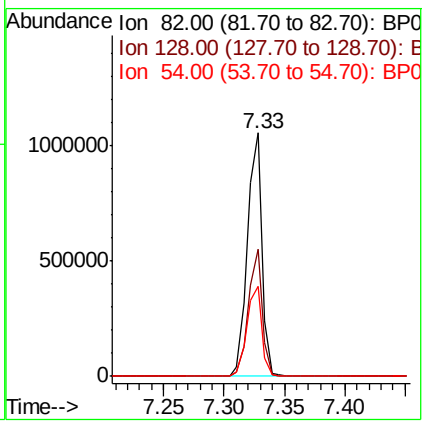


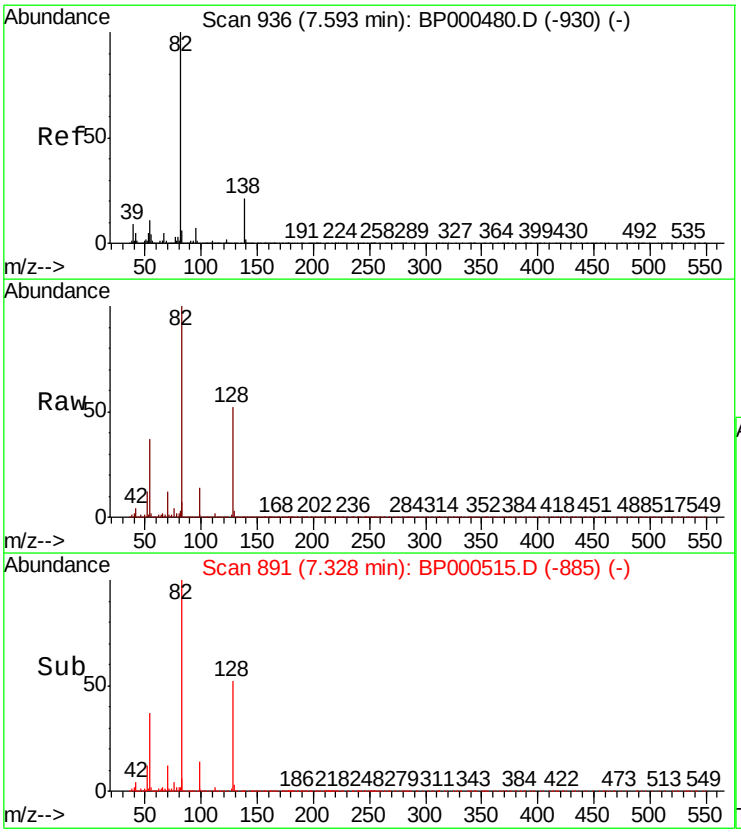
#23
Nitrobenzene-d5
Concen: 66.207 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BP000515.D
Acq: 04 Oct 2019 18:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 82 Resp: 893577

Ion	Ratio	Lower	Upper
82	100		
128	52.1	40.9	61.3
54	36.8	29.4	44.2

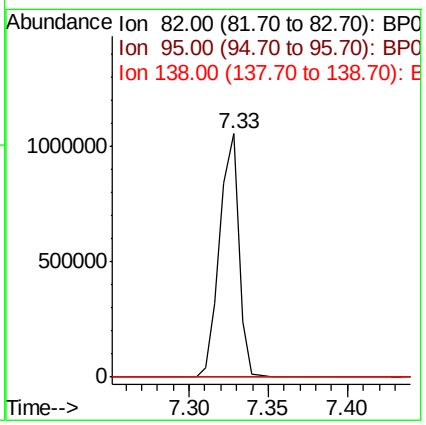


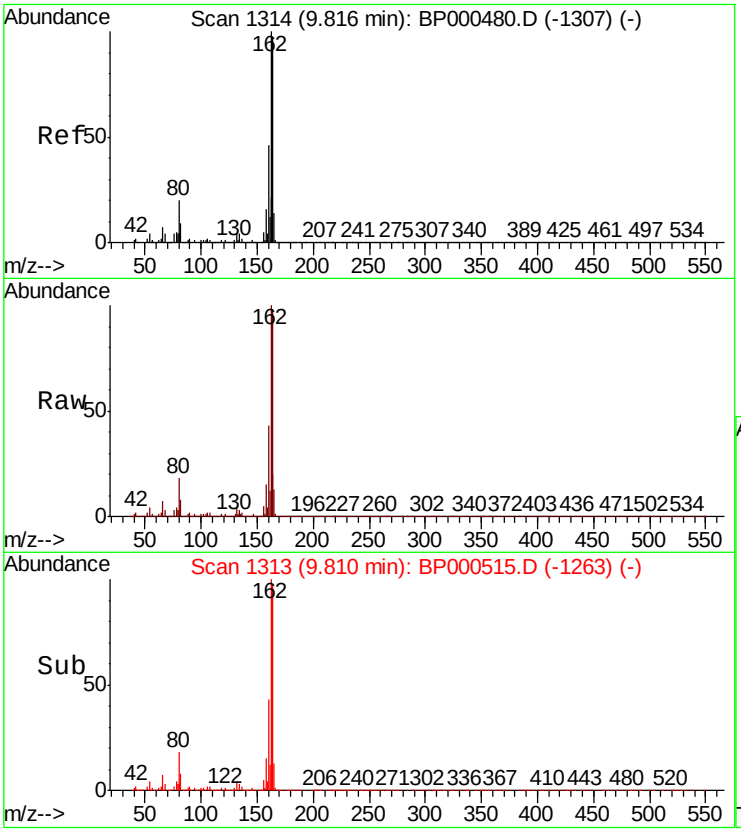


#25
Isophorone
Concen: 37.241 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.26 min
Lab File: BP000515.D
Acq: 04 Oct 2019 18:24

Tgt Ion: 82 Resp: 892062

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.8	8.6#
138	0.0	17.0	25.4#



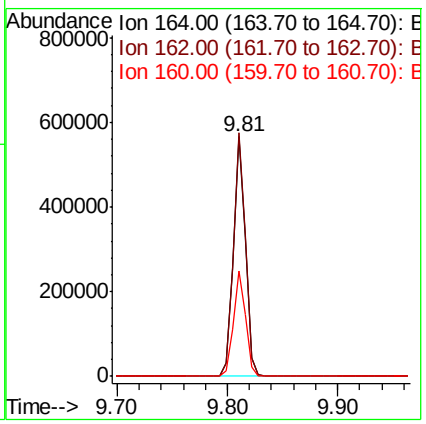


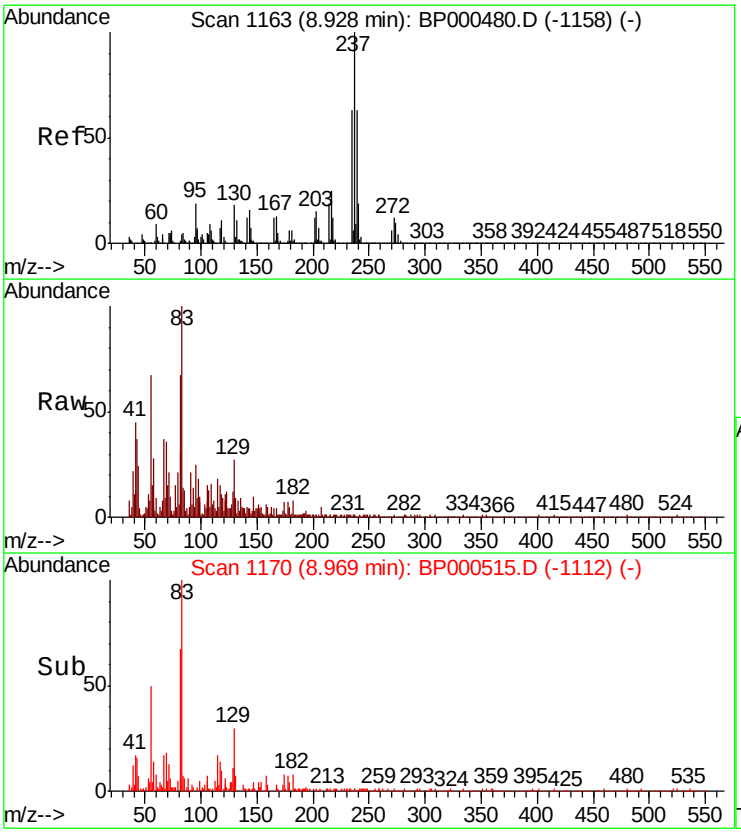
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BP000515.D
Acq: 04 Oct 2019 18:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:164 Resp: 434323

Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.2	123.2
160	44.0	37.6	56.4

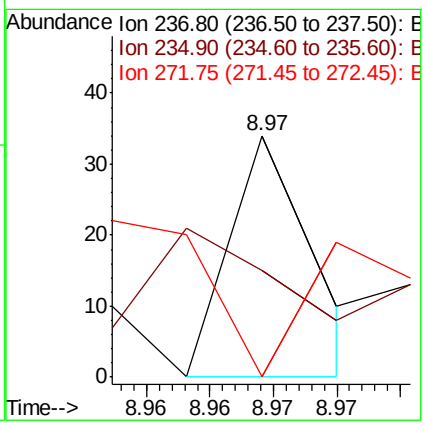


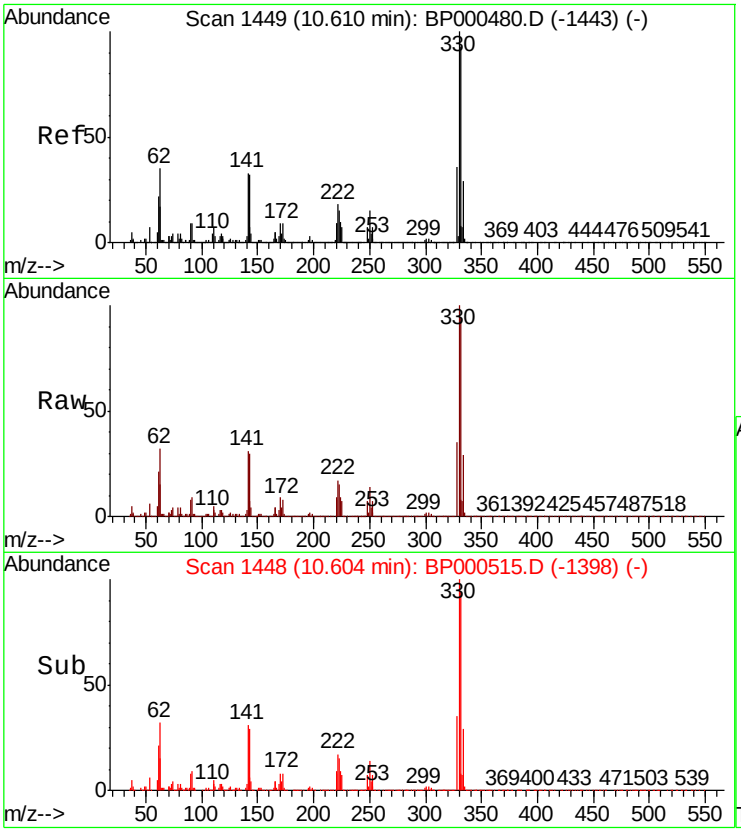


#41
Hexachlorocyclopentadiene
Concen: 7.300 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.04 min
Lab File: BP000515.D
Acq: 04 Oct 2019 18:24

Tgt Ion:237 Resp: 16

Ion	Ratio	Lower	Upper
237	100		
235	44.1	42.9	82.9
272	0.0	0.0	32.4



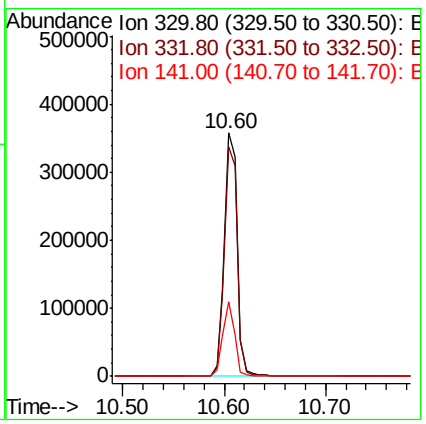


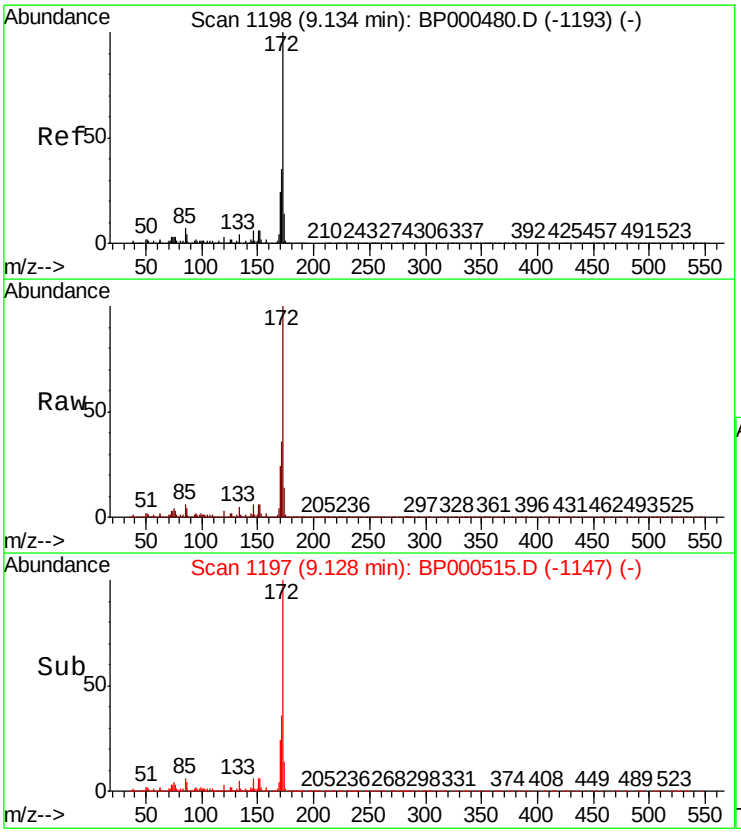
#42
2,4,6-Tribromophenol
Concen: 68.451 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BP000515.D
Acq: 04 Oct 2019 18:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:330 Resp: 316807

Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.1	115.7
141	27.8	26.0	39.0

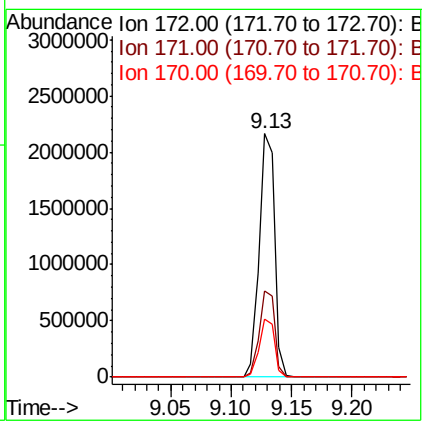


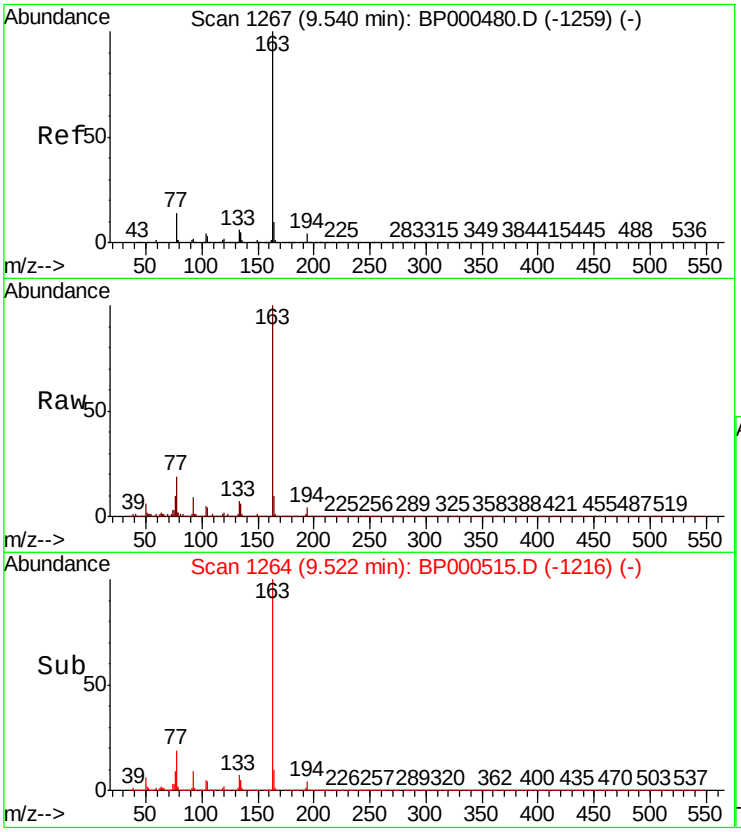


#45
2-Fluorobiphenyl
Concen: 72.476 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BP000515.D
Acq: 04 Oct 2019 18:24

Tgt Ion:172 Resp: 1945506

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.4	42.6
170	23.9	19.1	28.7



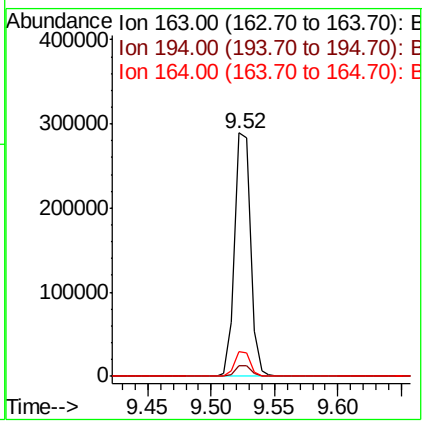


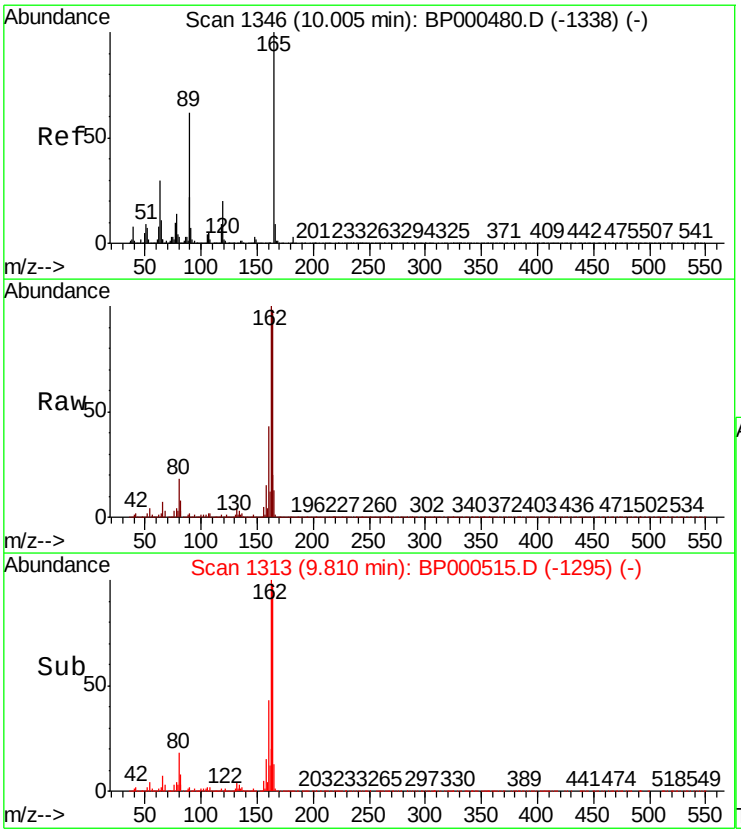
#50
Dimethylphthalate
Concen: 8.285 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BP000515.D
Acq: 04 Oct 2019 18:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:163 Resp: 250022

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.4	8.0	12.0

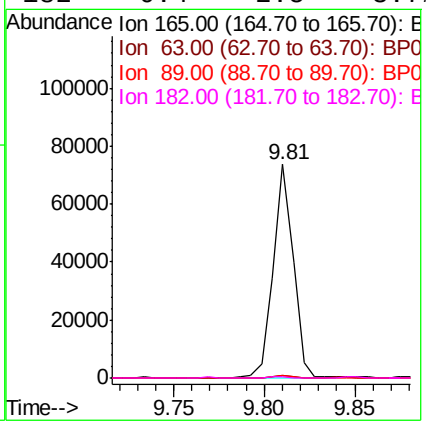


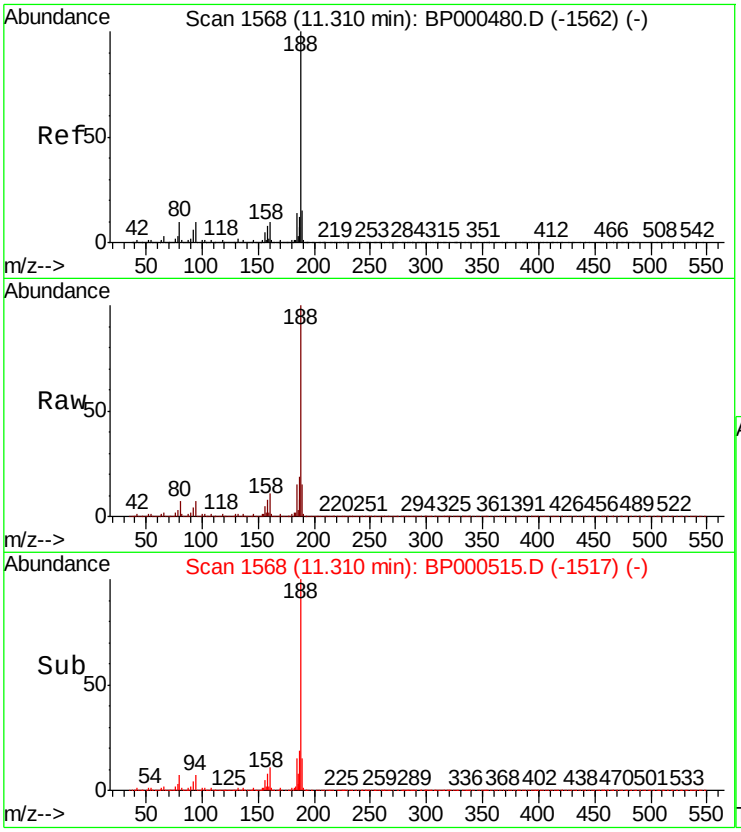


#57
2,4-Dinitrotoluene
Concen: 6.450 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.19 min
Lab File: BP000515.D
Acq: 04 Oct 2019 18:24

Tgt Ion:165 Resp: 56280

Ion	Ratio	Lower	Upper
165	100		
63	1.1	24.2	36.4#
89	1.3	49.4	74.0#
182	0.4	2.5	3.7#



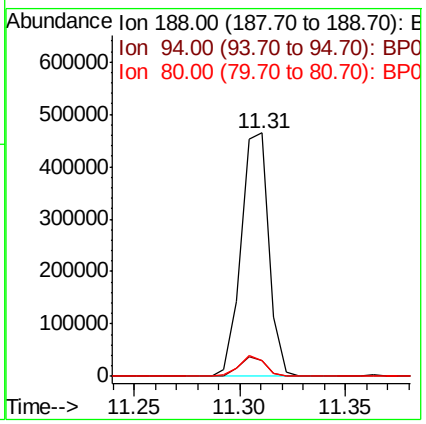


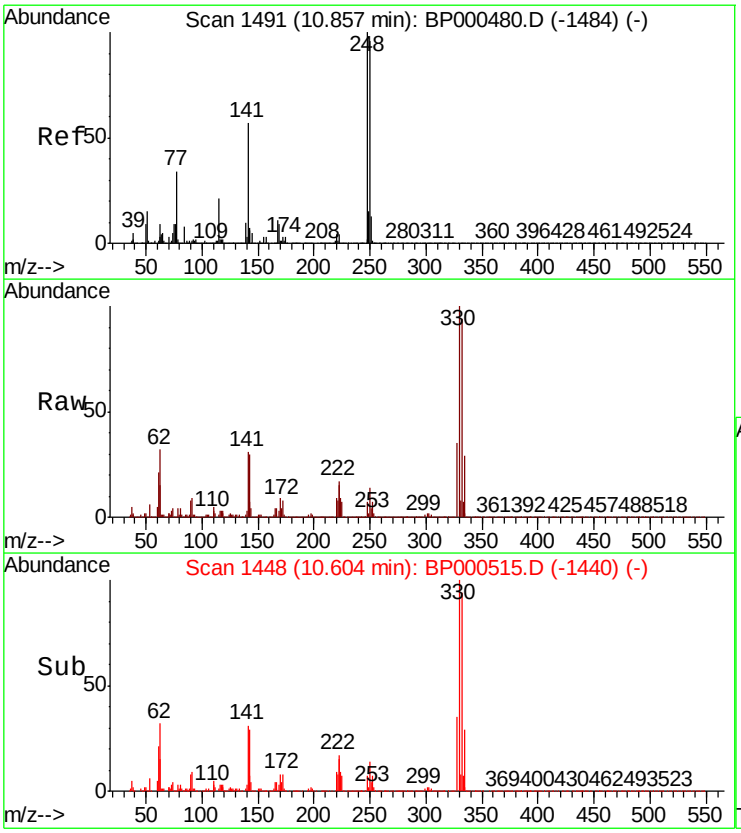
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.00 min
Lab File: BP000515.D
Acq: 04 Oct 2019 18:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:188 Resp: 423225

Ion	Ratio	Lower	Upper
188	100		
94	6.6	8.2	12.2#
80	6.7	8.3	12.5#

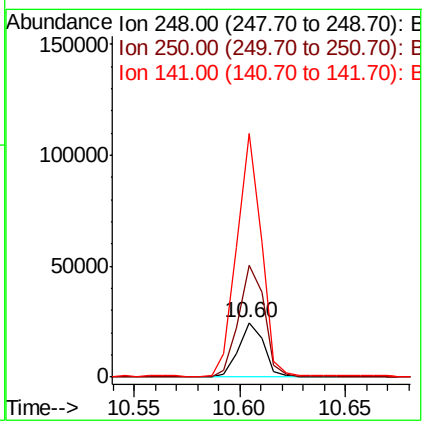


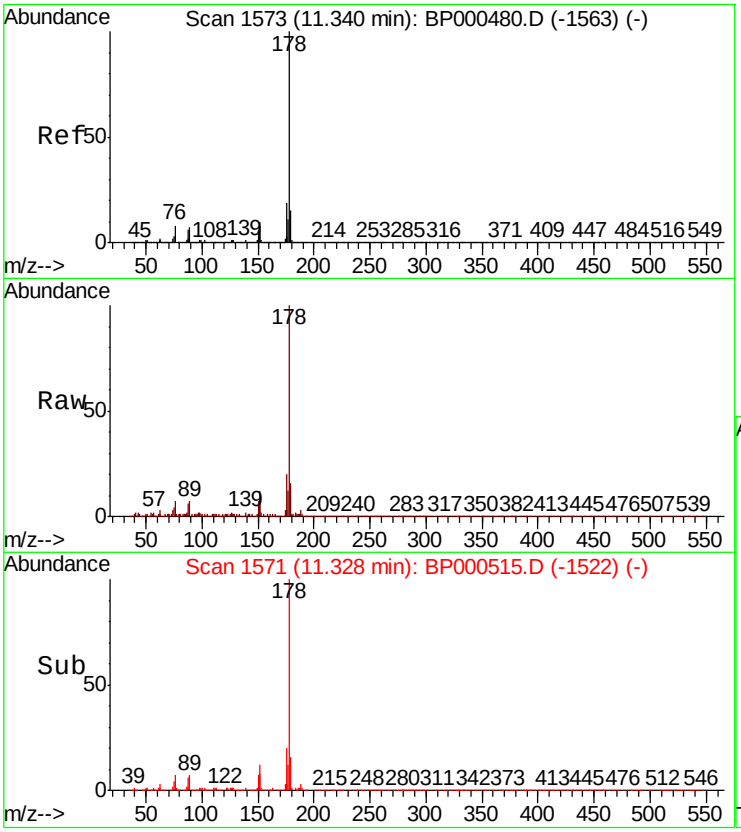


#67
4-Bromophenyl-phenylether
Concen: 4.258 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.25 min
Lab File: BP000515.D
Acq: 04 Oct 2019 18:24

Tgt Ion:248 Resp: 20285

Ion	Ratio	Lower	Upper
248	100		
250	205.2	77.2	115.8#
141	448.2	45.3	67.9#



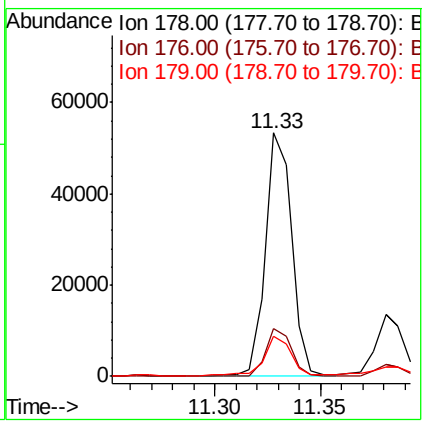


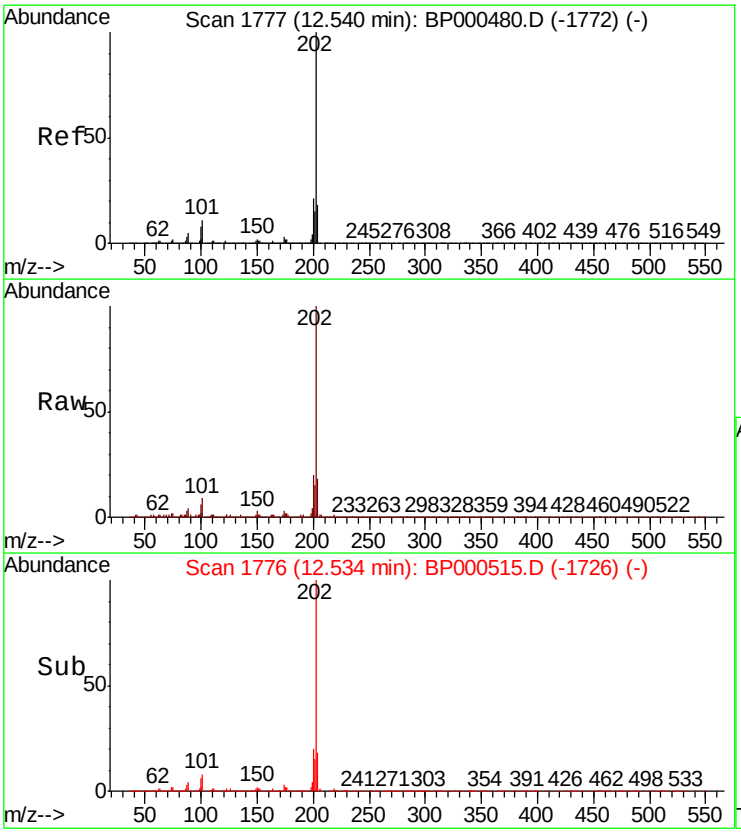
#71
Phenanthrene
Concen: 2.168 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BP000515.D
Acq: 04 Oct 2019 18:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:178 Resp: 46075

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.2
179	16.4	12.2	18.4

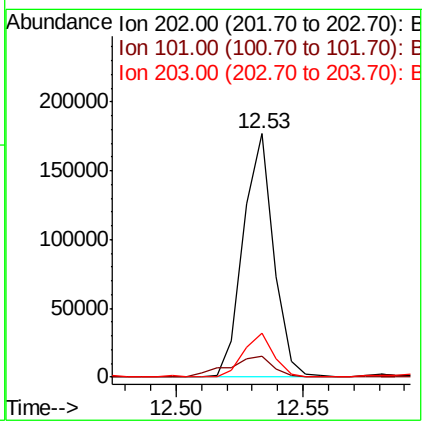


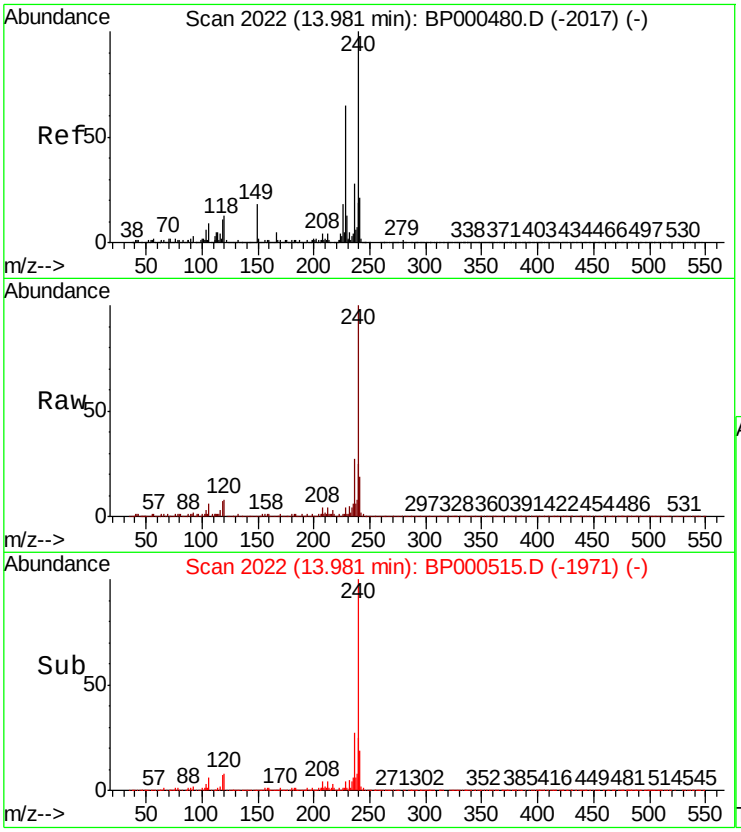


#75
Fluoranthene
Concen: 6.139 ng
RT: 12.53 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BP000515.D
Acq: 04 Oct 2019 18:24

Tgt Ion:202 Resp: 146547

Ion	Ratio	Lower	Upper
202	100		
101	8.6	0.0	31.3
203	18.1	0.0	38.1



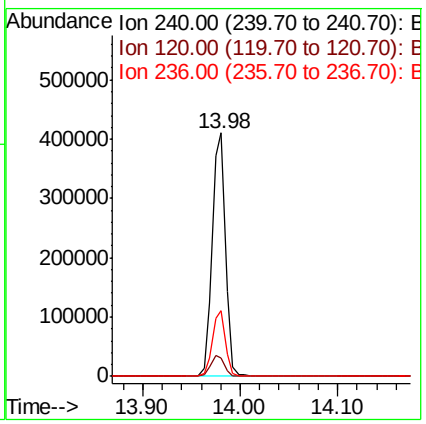


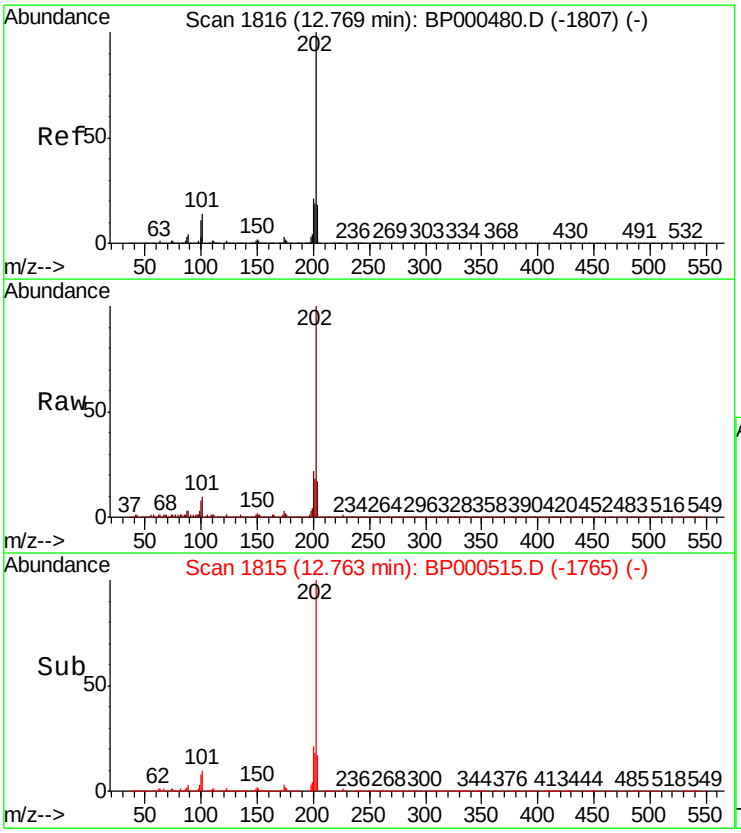
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BP000515.D
Acq: 04 Oct 2019 18:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:240 Resp: 385505

Ion	Ratio	Lower	Upper
240	100		
120	7.8	10.1	15.1#
236	26.7	22.7	34.1

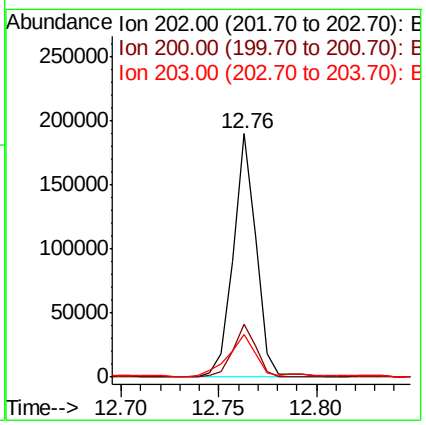


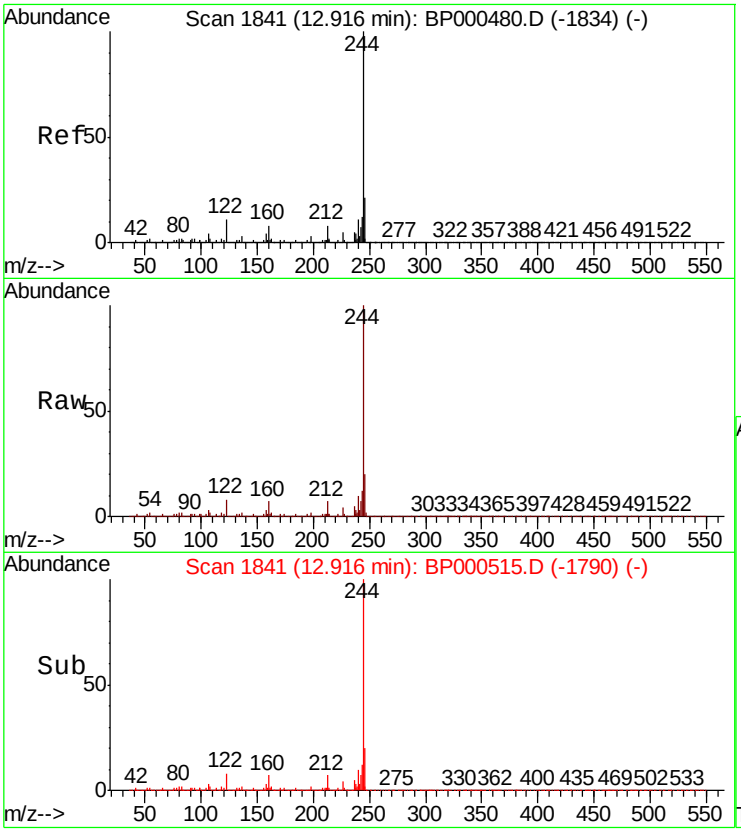


#78
Pyrene
Concen: 5.775 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BP000515.D
Acq: 04 Oct 2019 18:24

Tgt Ion:202 Resp: 153537

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.1	25.7
203	17.3	14.6	21.8



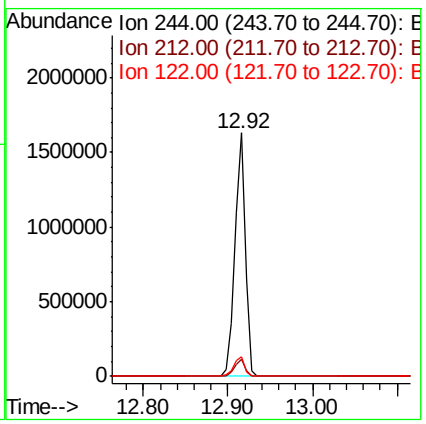


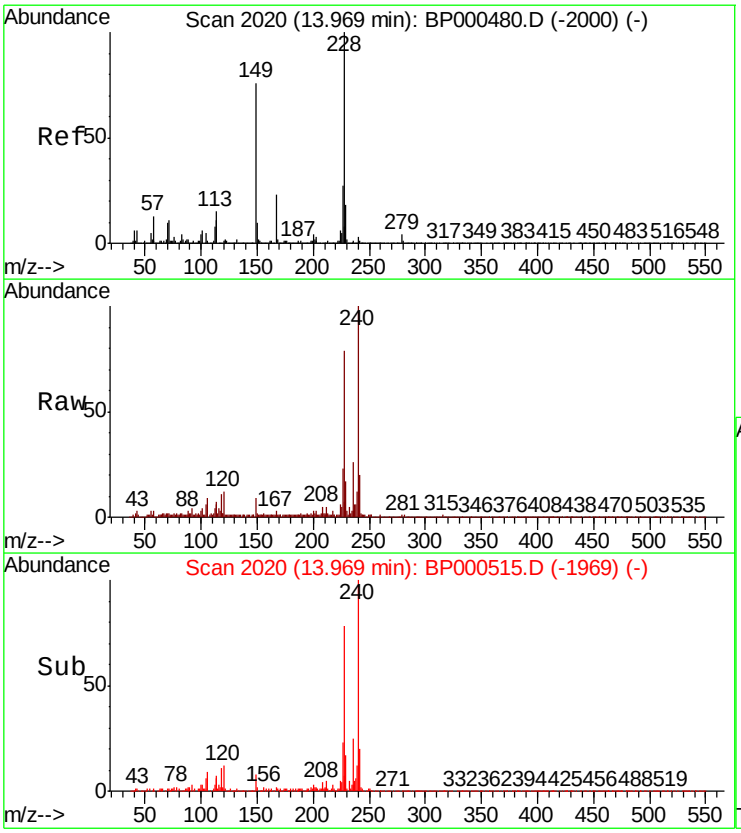
#79
Terphenyl-d14
Concen: 71.197 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BP000515.D
Acq: 04 Oct 2019 18:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:244 Resp: 1355586

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	8.0	8.9	13.3#

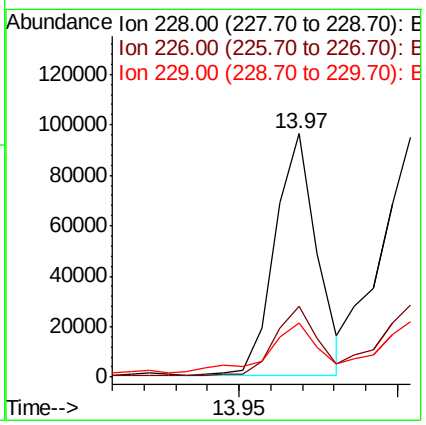


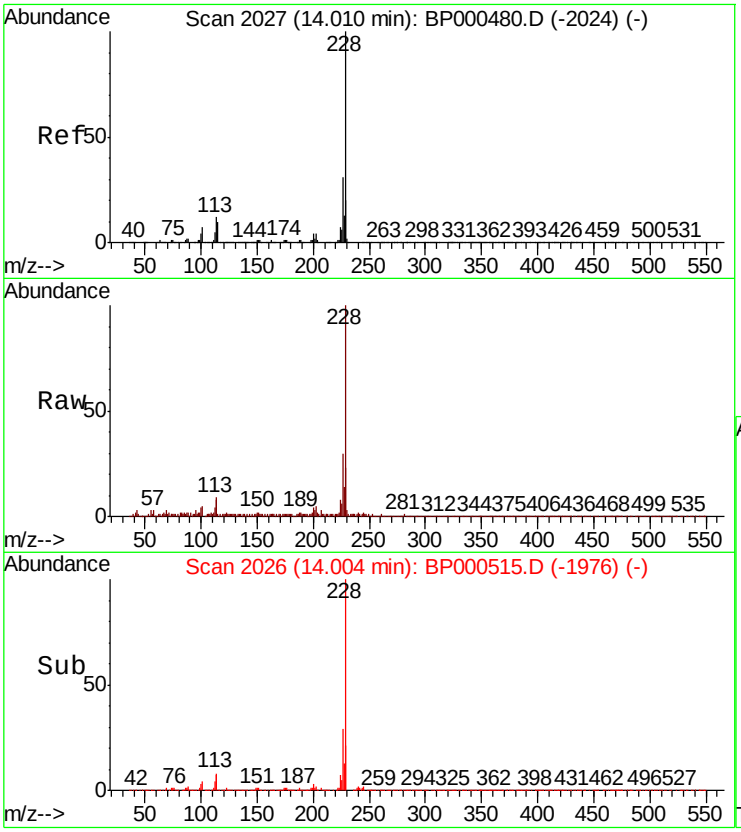


#81
Benzo(a)anthracene
Concen: 3.733 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BP000515.D
Acq: 04 Oct 2019 18:24

Tgt Ion:228 Resp: 87811

Ion	Ratio	Lower	Upper
228	100		
226	29.2	21.4	32.2
229	22.0	14.7	22.1



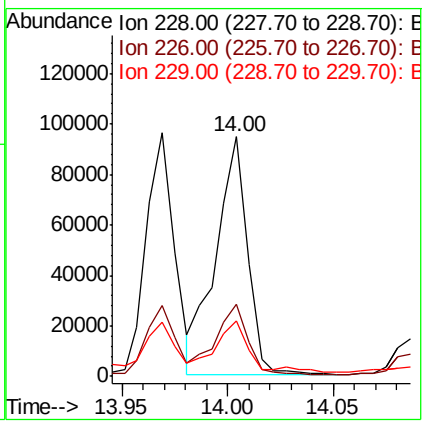


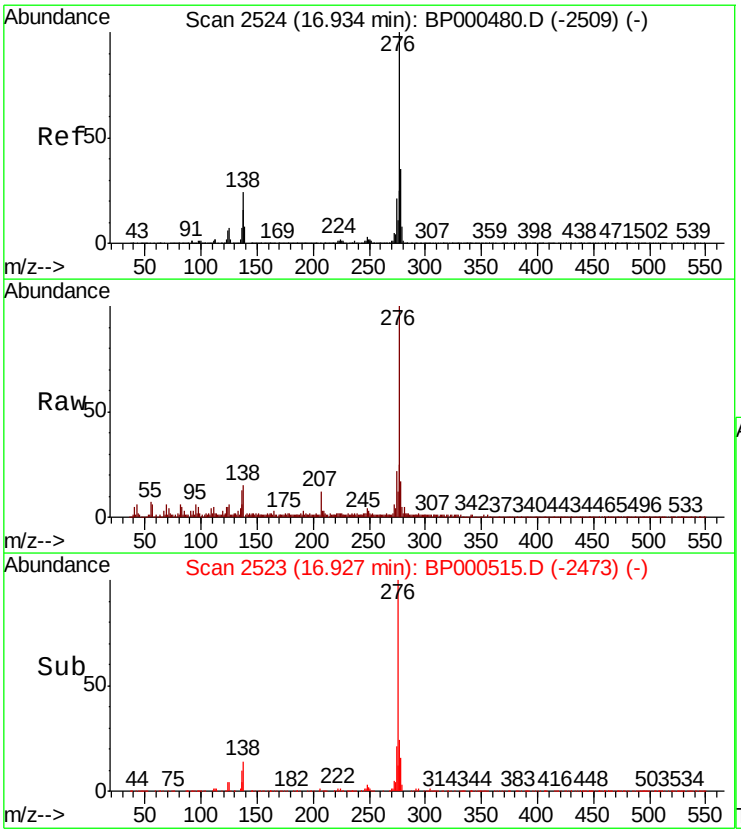
#83
Chrysene
Concen: 4.241 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BP000515.D
Acq: 04 Oct 2019 18:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:228 Resp: 97902

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.7	37.1
229	23.1	16.3	24.5

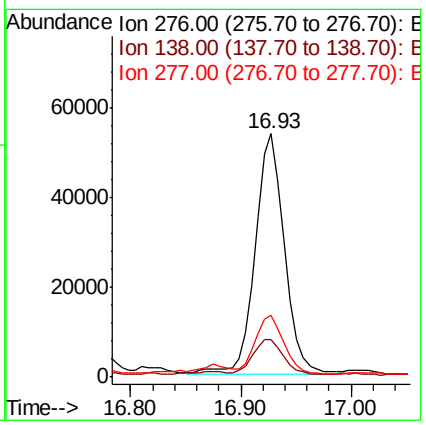


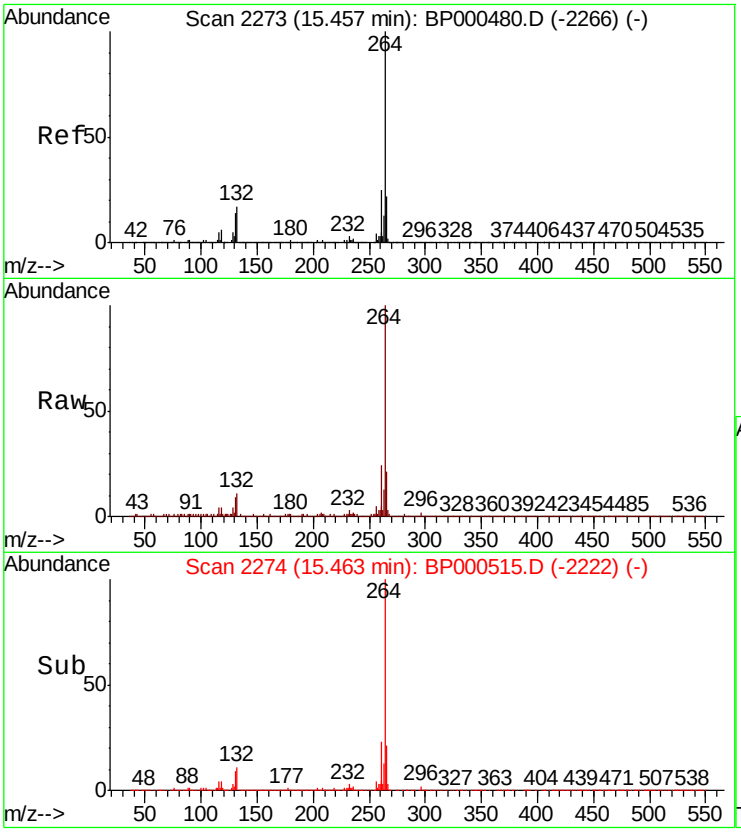


#86
Indeno(1,2,3-cd)pyrene
Concen: 3.475 ng
RT: 16.93 min Scan# 2523
Delta R.T. -0.01 min
Lab File: BP000515.D
Acq: 04 Oct 2019 18:24

Tgt Ion:276 Resp: 100216

Ion	Ratio	Lower	Upper
276	100		
138	15.0	20.9	31.3#
277	23.7	20.6	30.8



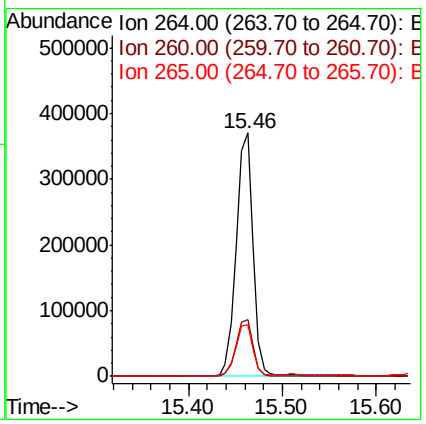


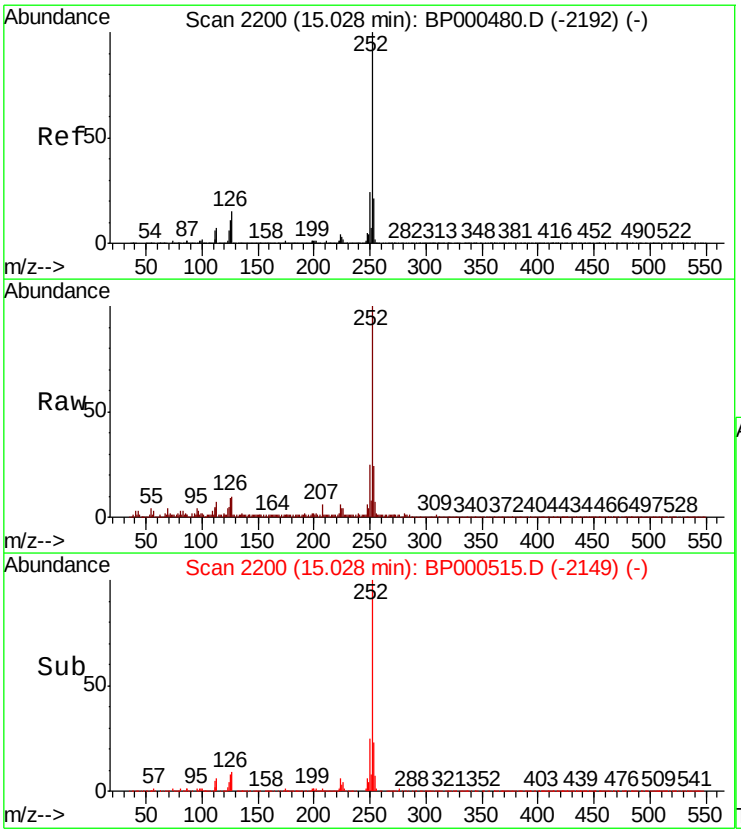
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BP000515.D
Acq: 04 Oct 2019 18:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:264 Resp: 458143

Ion	Ratio	Lower	Upper
264	100		
260	23.5	20.3	30.5
265	21.4	18.0	27.0

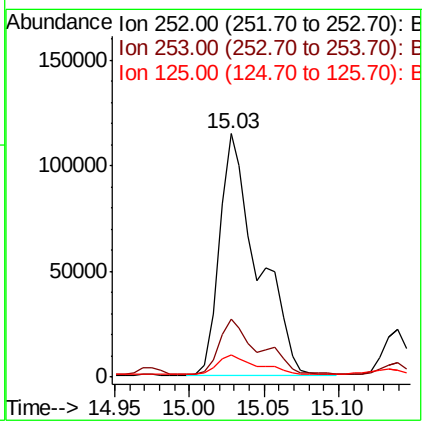


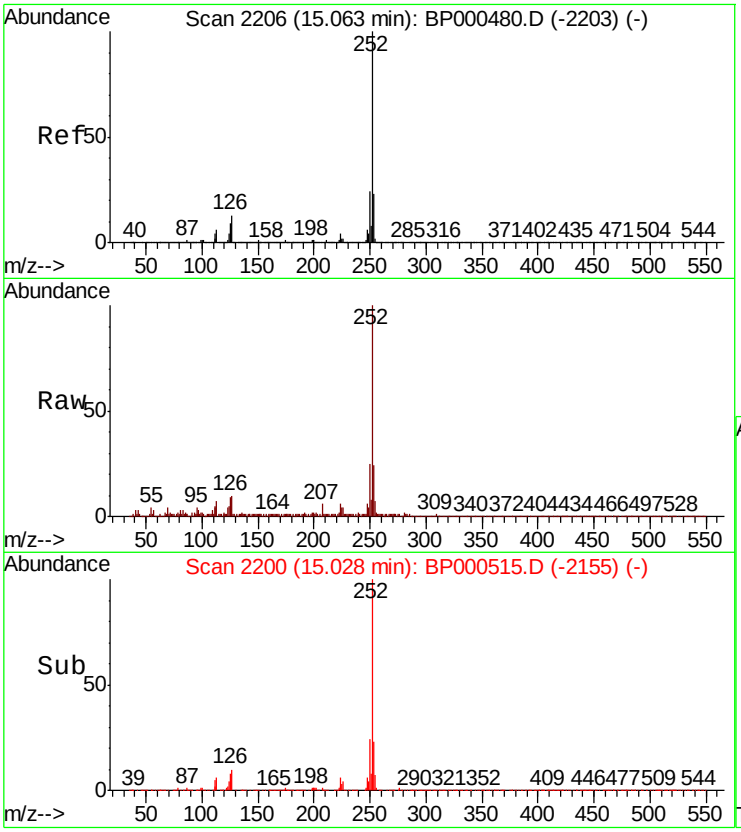


#88
Benzo(b)fluoranthene
Concen: 7.915 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.00 min
Lab File: BP000515.D
Acq: 04 Oct 2019 18:24

Tgt Ion:252 Resp: 205711

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.0	25.4
125	9.2	8.9	13.3



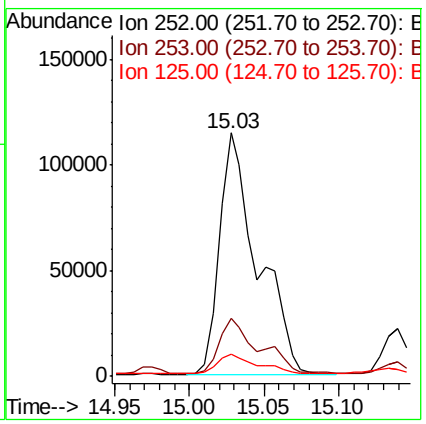


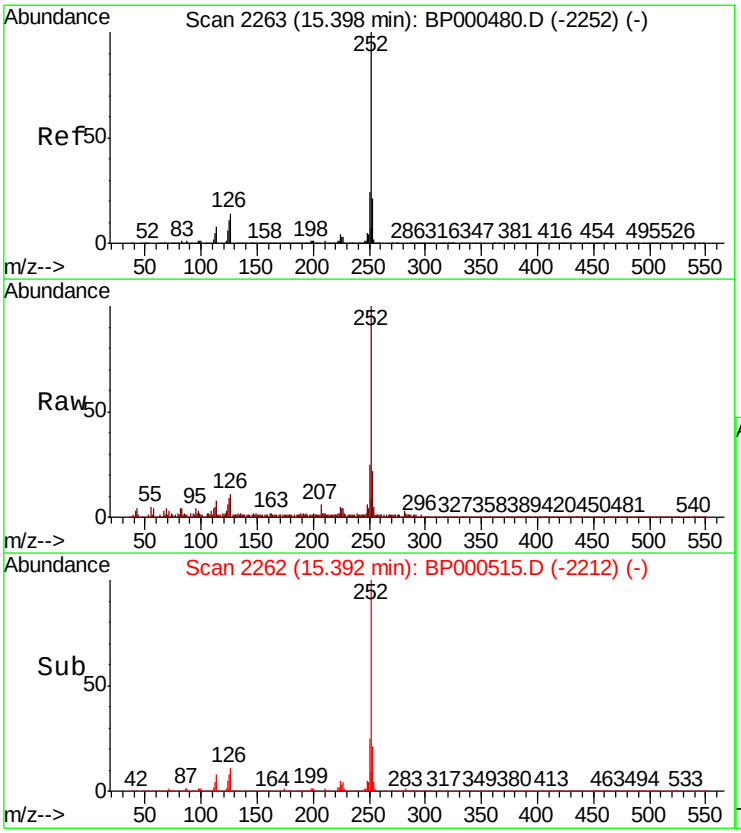
#89
Benzo(k)fluoranthene
Concen: 8.313 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.04 min
Lab File: BP000515.D
Acq: 04 Oct 2019 18:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 205711

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.4	27.6
125	9.2	7.8	11.8

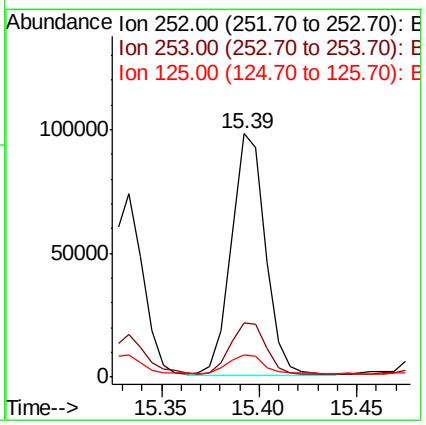


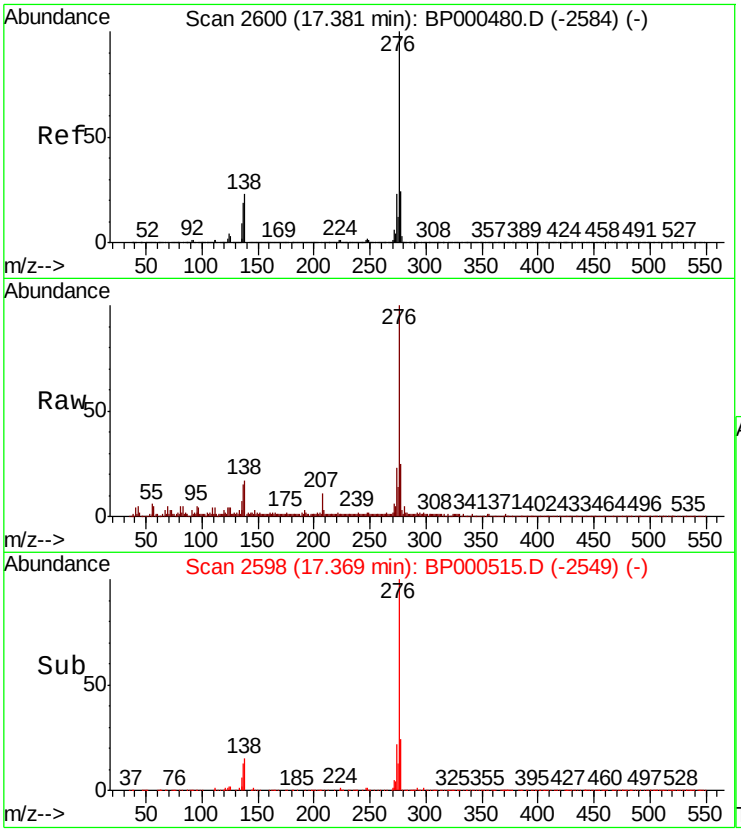


#90
Benzo(a)pyrene
Concen: 4.885 ng
RT: 15.39 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BP000515.D
Acq: 04 Oct 2019 18:24

Tgt Ion:252 Resp: 118360

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	9.3	8.4	12.6





#92
Benzo(g,h,i)perylene
Concen: 4.579 ng
RT: 17.37 min Scan# 2598
Delta R.T. -0.01 min
Lab File: BP000515.D
Acq: 04 Oct 2019 18:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:276 Resp: 109337

Ion	Ratio	Lower	Upper
276	100		
277	25.2	19.4	29.2
138	16.7	18.5	27.7#