Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111119\
Data File : BP001029.D
Acq On : 11 Nov 2019 21:40
Operator : JU
Sample : K5771-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Nov 12 04:17:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 06 17:07:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	237207	20.00	ng		0.00
21) Naphthalene-d8	10.40	136	864799	20.00	ng		0.00
39) Acenaphthene-d10	13.26	164	491648	20.00	ng		0.00
64) Phenanthrene-d10	15.66	188	963638	20.00	ng		0.00
76) Chrysene-d12	19.30	240	725353	20.00	ng		0.00
87) Perylene-d12	21.08	264	816156	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.30	112	946280	72.61	ng		0.00
7) Phenol-d6	7.82	99	1277623	77.53	ng		0.00
23) Nitrobenzene-d5	9.25	82	800026	51.17	ng		-0.01
42) 2,4,6-Tribromophenol	14.55	330	462042	78.72	ng		0.00
45) 2-Fluorobiphenyl	12.18	172	1794220	54.96	ng		0.00
79) Terphenyl-d14	17.93	244	2157278	59.16	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.83	94	81990	4.549	ng		90
19) n-Nitroso-di-n-propylamine	9.25	70	107484	10.862	ng	#	79
32) Benzoic acid	10.02	122	58	7.675	ng	#	1
50) Dimethylphthalate	12.85	163	134296	3.694	ng		100
52) Acenaphthene	13.31	154	91355	3.395	ng		99
54) 2,4-Dinitrophenol	13.37	184	20	8.316	ng	#	1
56) 4-Nitrophenol	13.59	139	21956	3.817	ng	#	8
58) Fluorene	14.16	166	112446	3.362	ng		95
65) 4,6-Dinitro-2-methylphenol	14.15	198	40	9.892	ng	#	1
71) Phenanthrene	15.69	178	2003778	40.628	ng		100
72) Anthracene	15.77	178	629524	13.084	ng		99
73) Carbazole	16.01	167	172100	3.902	ng		99
75) Fluoranthene	17.40	202	3328753	59.712	ng		98
78) Pyrene	17.71	202	2728914	53.235	ng		98
81) Benzo(a)anthracene	19.29	228	1215740	24.886	ng		98
83) Chrysene	19.33	228	1033776	24.103	ng		98
88) Benzo(b)fluoranthene	20.59	252	1144406	23.523	ng		99
89) Benzo(k)fluoranthene	20.59	252	1144406	24.989	ng		98
90) Benzo(a)pyrene	21.01	252	803405	17.959	ng		98
91) Dibenzo(a,h)anthracene	22.76	278	101395	2.221	ng		97
92) Benzo(g,h,i)perylene	23.50	276	98393	2.140	ng		97

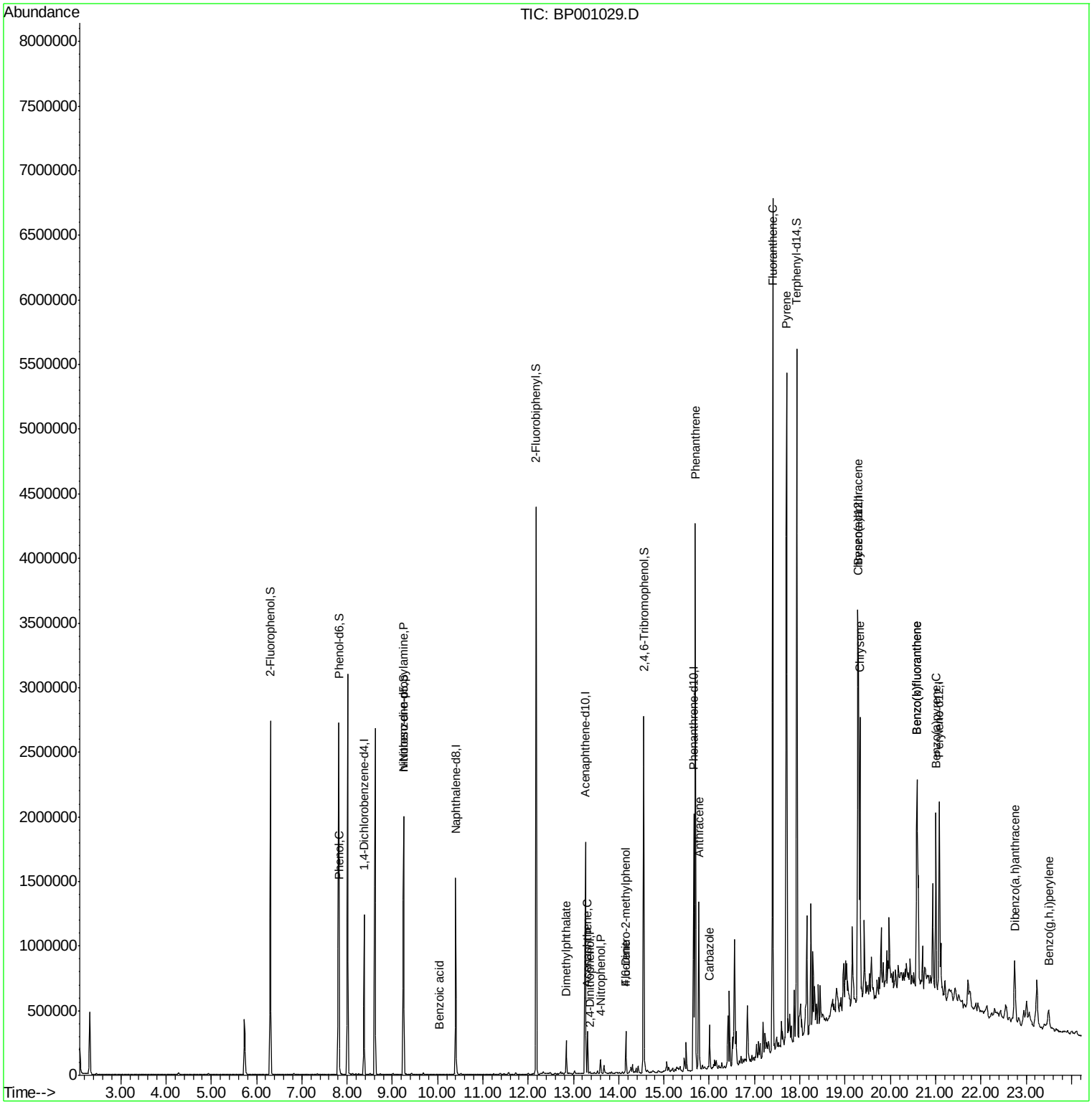
(#) = qualifier out of range (m) = manual integration (+) = signals summed

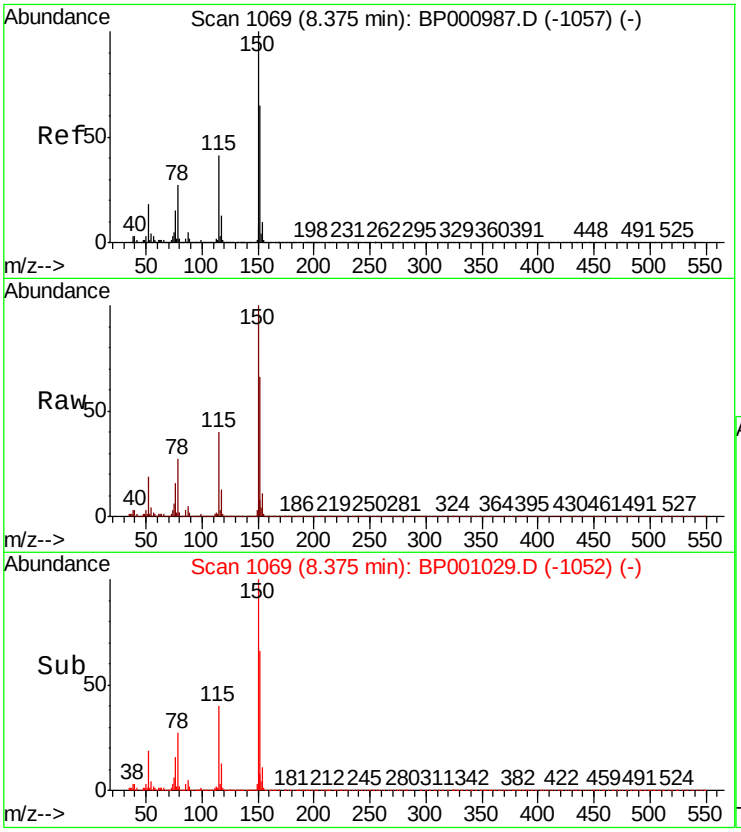
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111119\
Data File : BP001029.D
Acq On : 11 Nov 2019 21:40
Operator : JU
Sample : K5771-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Nov 12 04:17:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 06 17:07:13 2019
Response via : Initial Calibration



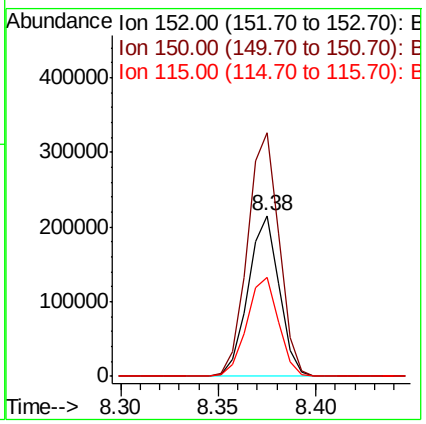


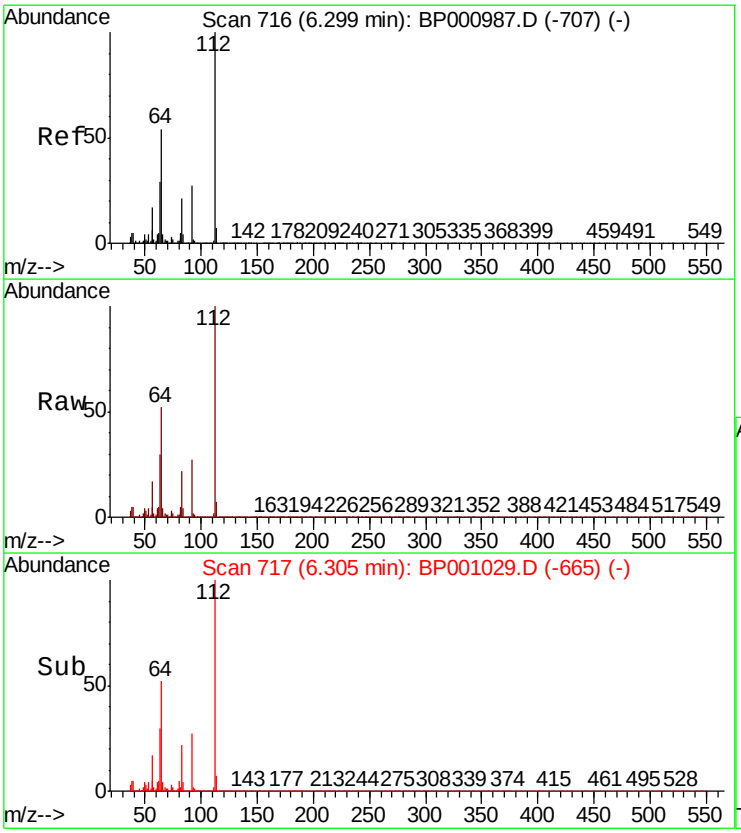
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.38 min Scan# 1069
Delta R.T. -0.00 min
Lab File: BP001029.D
Acq: 11 Nov 2019 21:40

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 237207

Ion	Ratio	Lower	Upper
152	100		
150	151.6	123.6	185.4
115	61.4	50.1	75.1

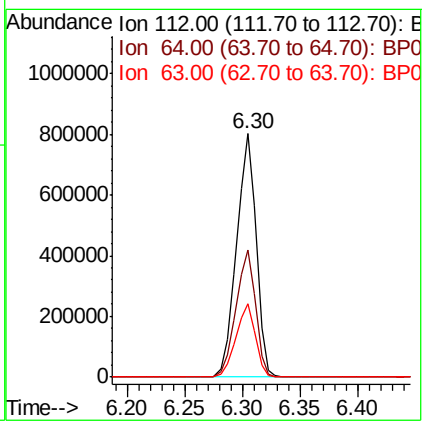


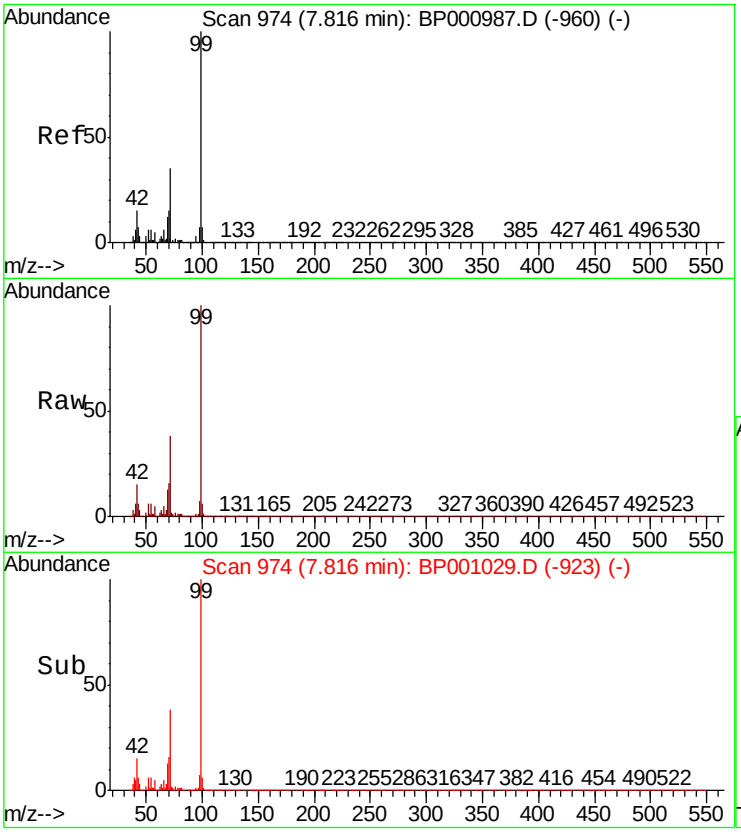


#5
2-Fluorophenol
Concen: 72.612 ng
RT: 6.30 min Scan# 717
Delta R.T. 0.01 min
Lab File: BP001029.D
Acq: 11 Nov 2019 21:40

Tgt Ion:112 Resp: 946280

Ion	Ratio	Lower	Upper
112	100		
64	52.0	43.4	65.0
63	29.9	23.4	35.0



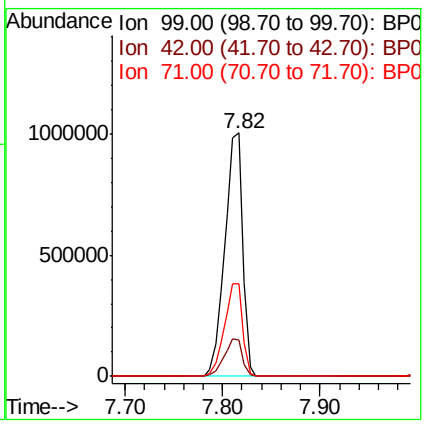


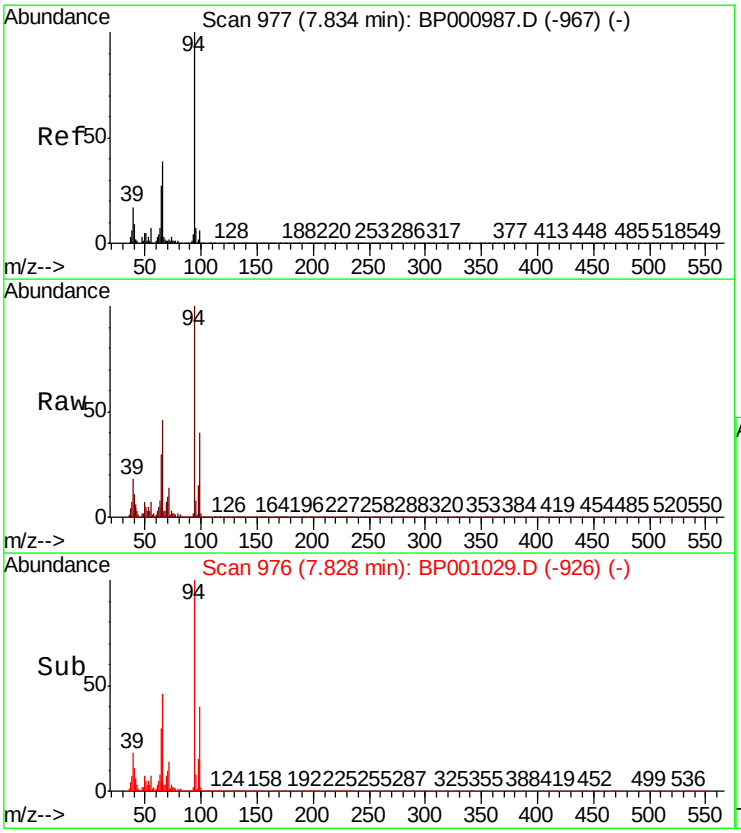
#7
Phenol-d6
Concen: 77.526 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.00 min
Lab File: BP001029.D
Acq: 11 Nov 2019 21:40

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 1277623

Ion	Ratio	Lower	Upper
99	100		
42	14.8	11.6	17.4
71	38.0	28.0	42.0

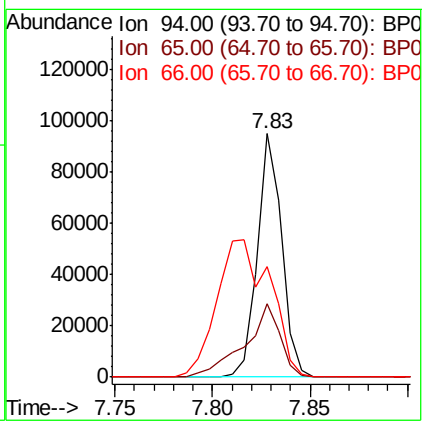


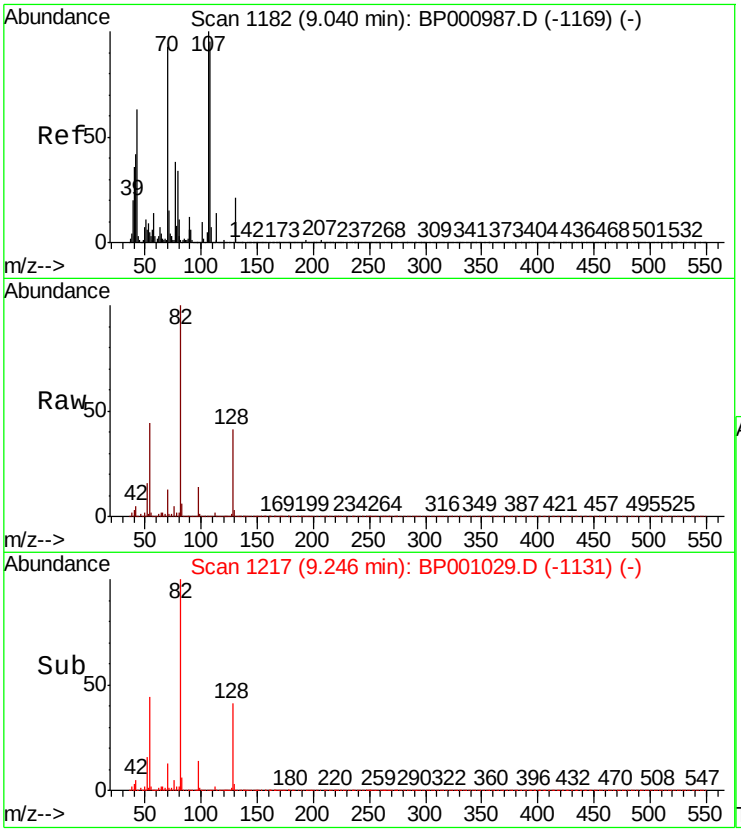


#10
Phenol
Concen: 4.549 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.01 min
Lab File: BP001029.D
Acq: 11 Nov 2019 21:40

Tgt Ion: 94 Resp: 81990

Ion	Ratio	Lower	Upper
94	100		
65	30.2	6.7	46.7
66	45.6	18.6	58.6



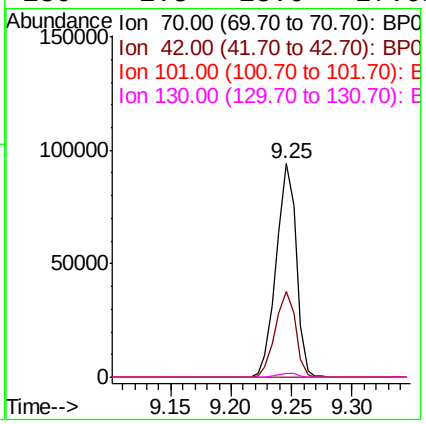


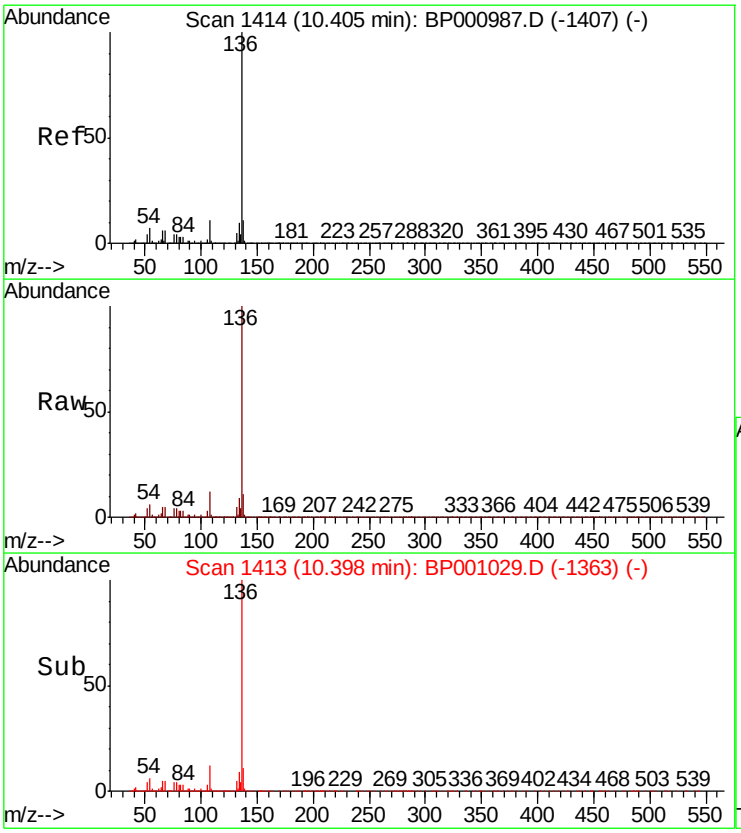
#19
n-Nitroso-di-n-propylamine
Concen: 10.862 ng
RT: 9.25 min Scan# 1217
Delta R.T. 0.21 min
Lab File: BP001029.D
Acq: 11 Nov 2019 21:40

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 70 Resp: 107484

Ion	Ratio	Lower	Upper
70	100		
42	40.0	36.3	54.5
101	0.0	8.7	13.1#
130	1.8	18.0	27.0#

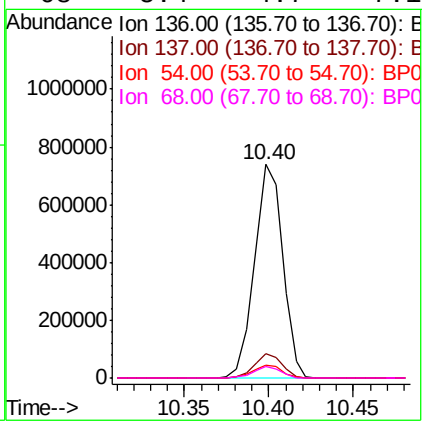


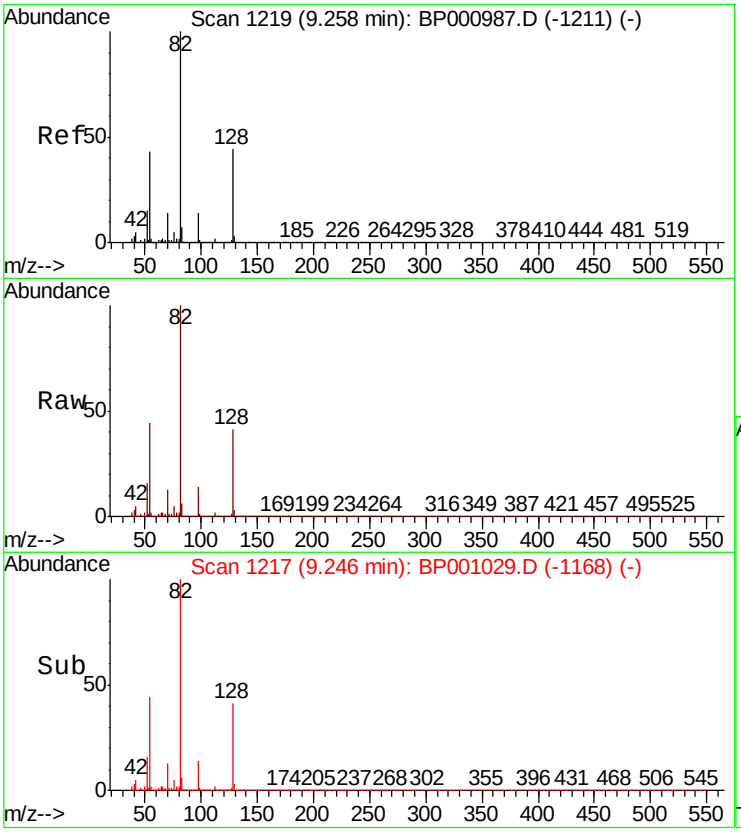


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BP001029.D
Acq: 11 Nov 2019 21:40

Tgt Ion:136 Resp: 864799

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	6.3	5.4	8.2
68	5.4	4.7	7.1



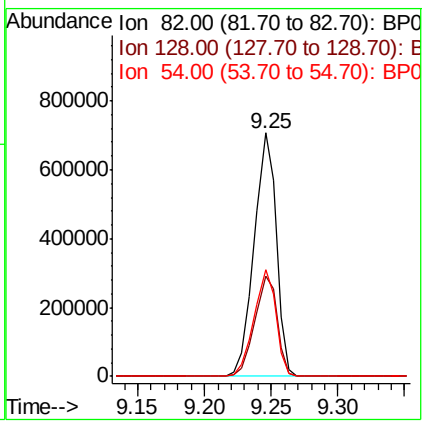


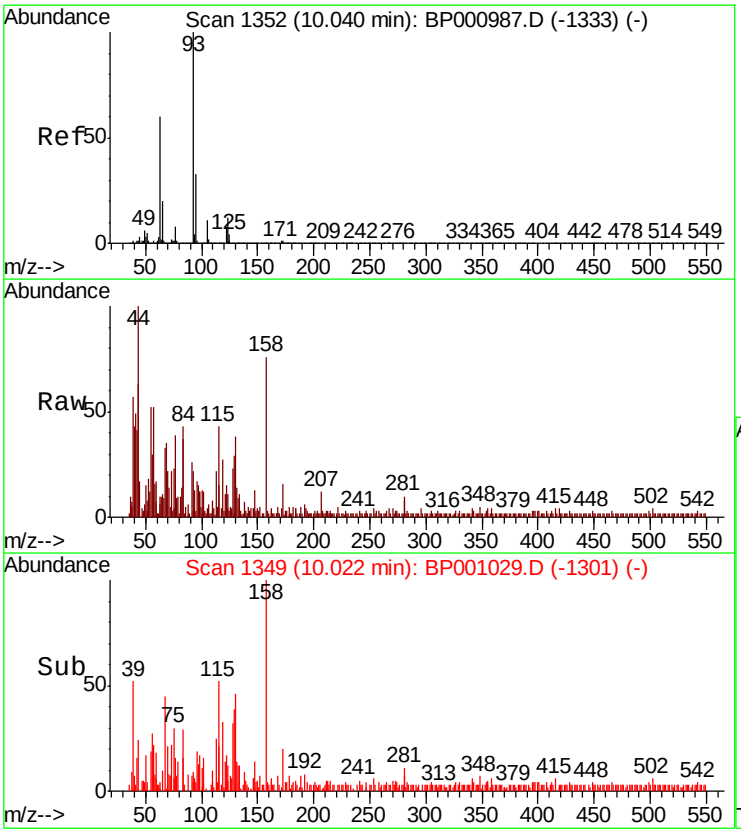
#23
Nitrobenzene-d5
Concen: 51.173 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BP001029.D
Acq: 11 Nov 2019 21:40

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 82 Resp: 800026

Ion	Ratio	Lower	Upper
82	100		
128	41.4	35.3	52.9
54	43.7	34.3	51.5

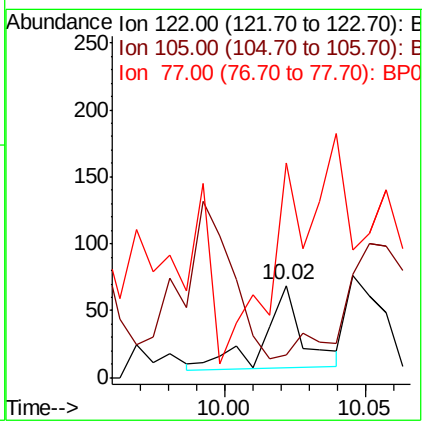


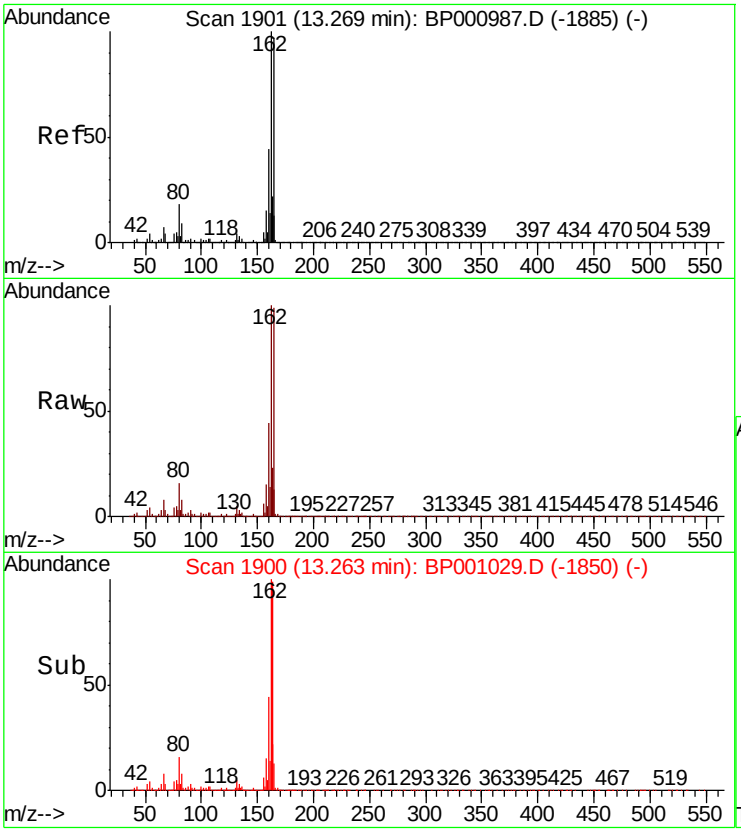


#32
Benzoic acid
Concen: 7.675 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.02 min
Lab File: BP001029.D
Acq: 11 Nov 2019 21:40

Tgt Ion:122 Resp: 58

Ion	Ratio	Lower	Upper
122	100		
105	24.6	110.5	150.5#
77	231.9	77.9	117.9#



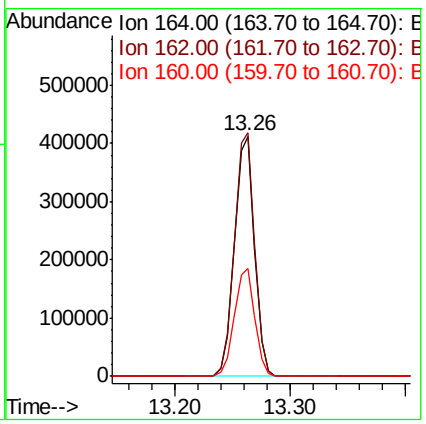


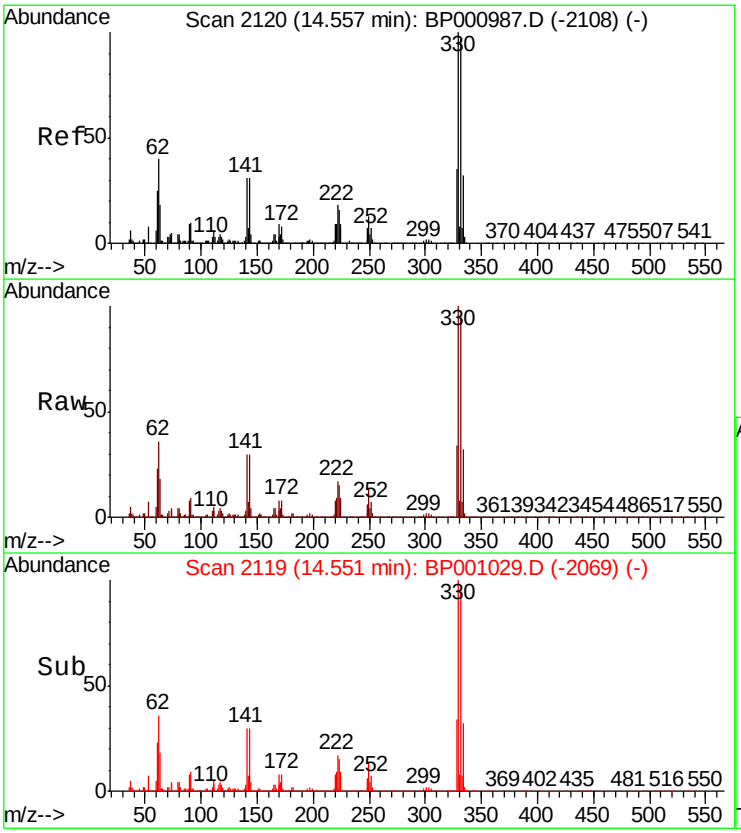
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.26 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BP001029.D
Acq: 11 Nov 2019 21:40

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:164 Resp: 491648

Ion	Ratio	Lower	Upper
164	100		
162	101.3	82.6	123.8
160	45.0	36.5	54.7

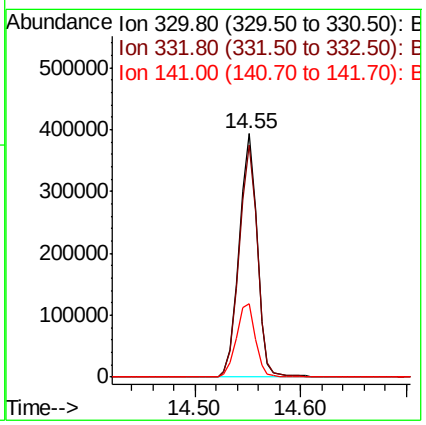


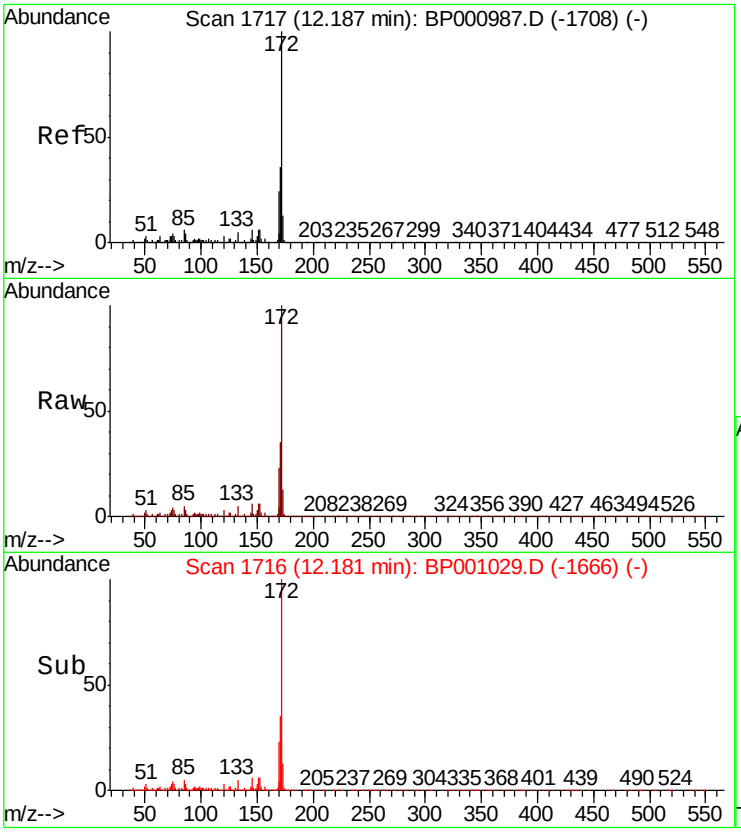


#42
2,4,6-Tribromophenol
Concen: 78.724 ng
RT: 14.55 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BP001029.D
Acq: 11 Nov 2019 21:40

Tgt Ion:330 Resp: 462042

Ion	Ratio	Lower	Upper
330	100		
332	96.9	78.3	117.5
141	31.8	25.0	37.4



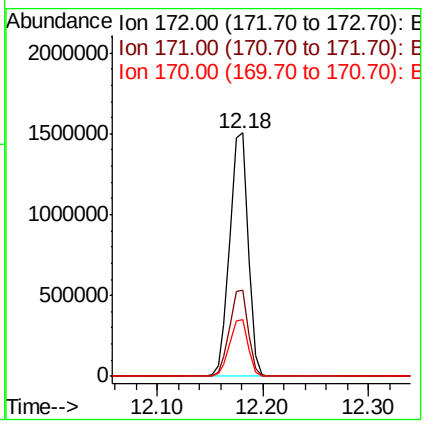


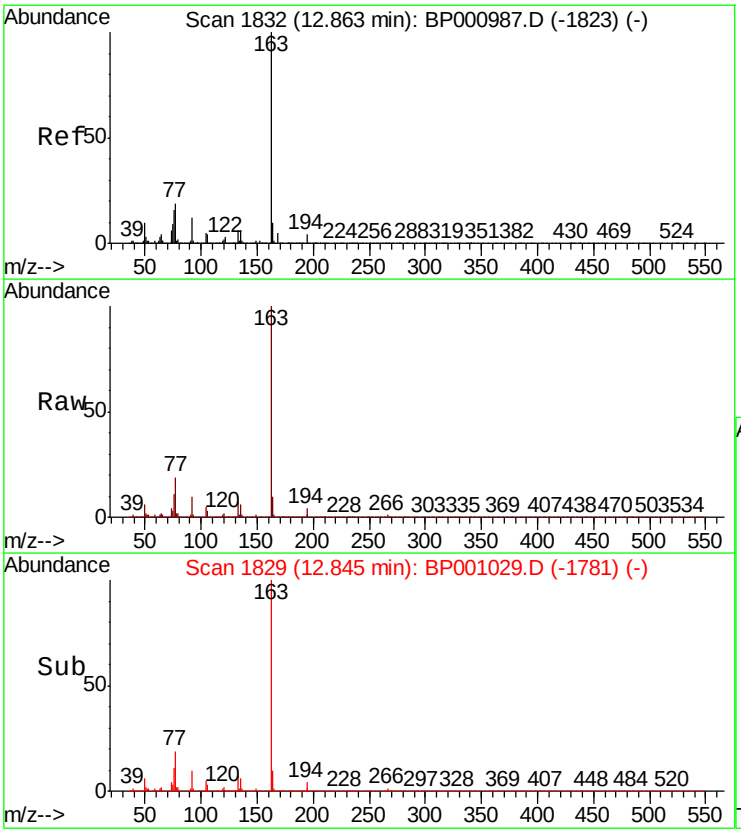
#45
2-Fluorobiphenyl
Concen: 54.963 ng
RT: 12.18 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BP001029.D
Acq: 11 Nov 2019 21:40

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:172 Resp: 1794220

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.5	42.7
170	23.4	18.9	28.3

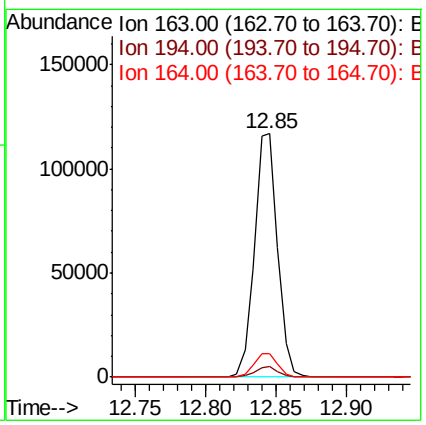


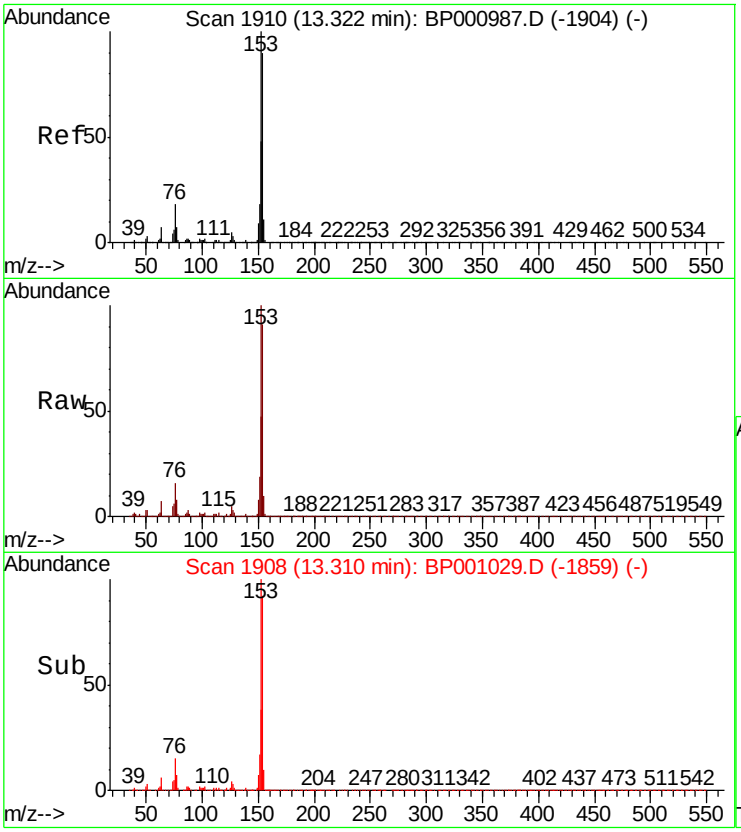


#50
Dimethylphthalate
Concen: 3.694 ng
RT: 12.85 min Scan# 1829
Delta R.T. -0.02 min
Lab File: BP001029.D
Acq: 11 Nov 2019 21:40

Tgt Ion:163 Resp: 134296

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	9.7	7.9	11.9



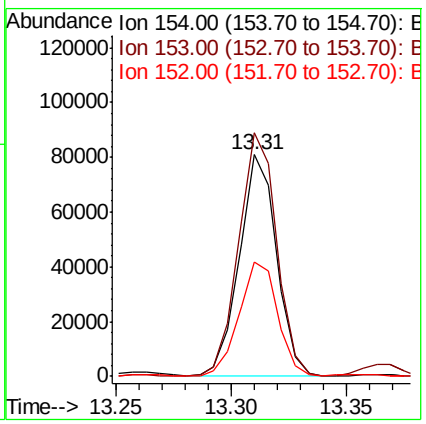


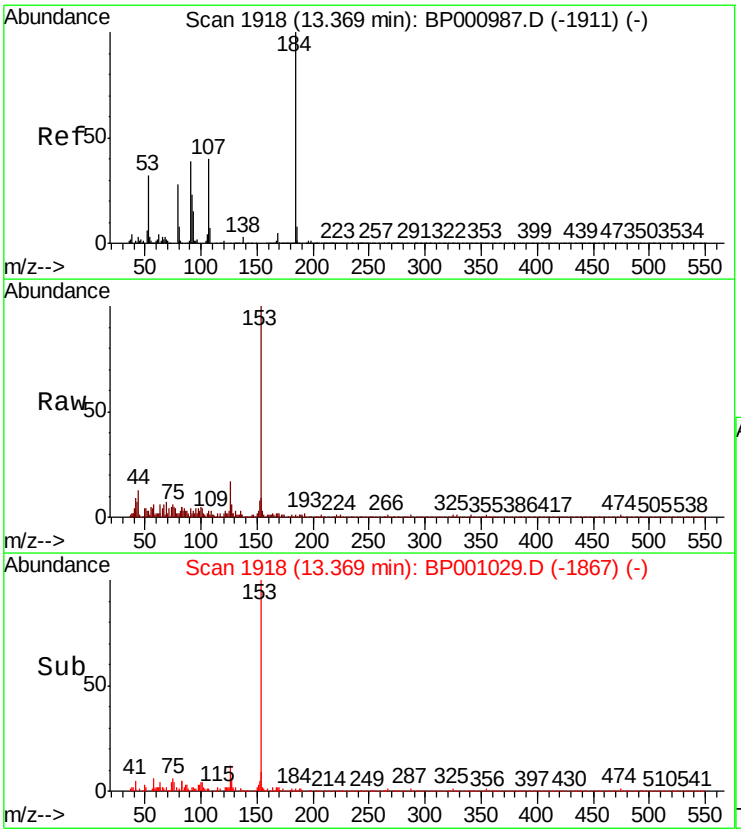
#52
Acenaphthene
Concen: 3.395 ng
RT: 13.31 min Scan# 1908
Delta R.T. -0.01 min
Lab File: BP001029.D
Acq: 11 Nov 2019 21:40

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:154 Resp: 91355

Ion	Ratio	Lower	Upper
154	100		
153	110.0	88.9	133.3
152	51.9	42.4	63.6

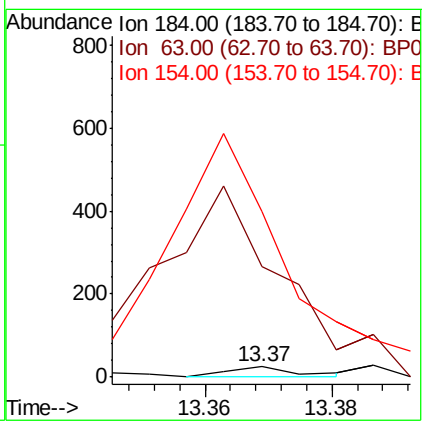


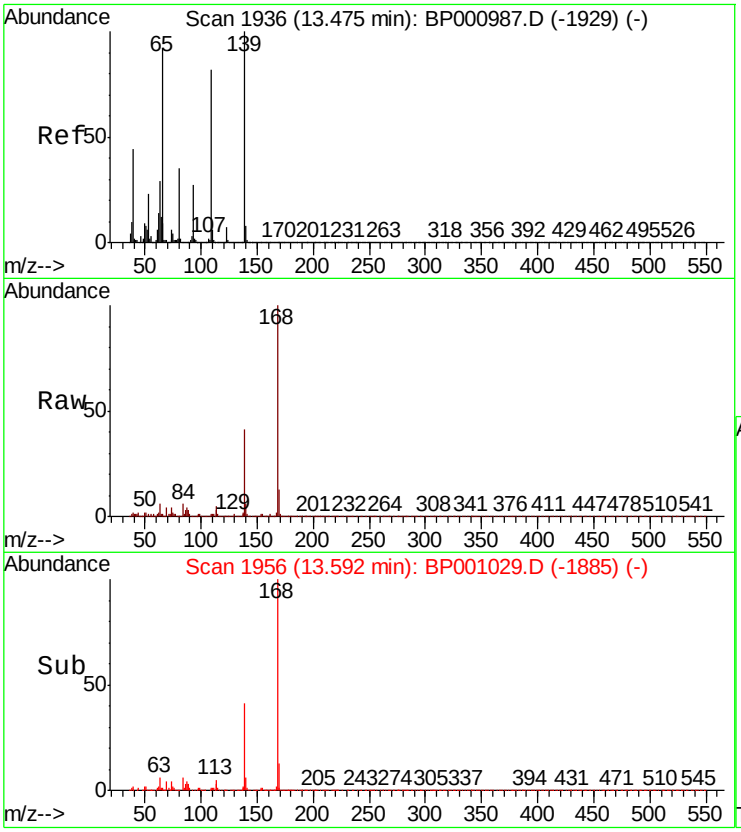


#54
2,4-Dinitrophenol
Concen: 8.316 ng
RT: 13.37 min Scan# 1918
Delta R.T. -0.00 min
Lab File: BP001029.D
Acq: 11 Nov 2019 21:40

Tgt Ion:184 Resp: 20

Ion	Ratio	Lower	Upper
184	100		
63	1112.5	41.0	61.6#
154	1666.7	48.1	72.1#



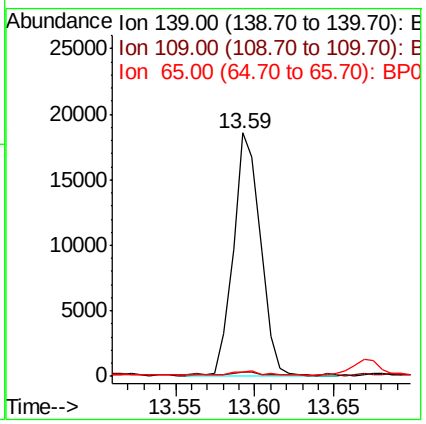


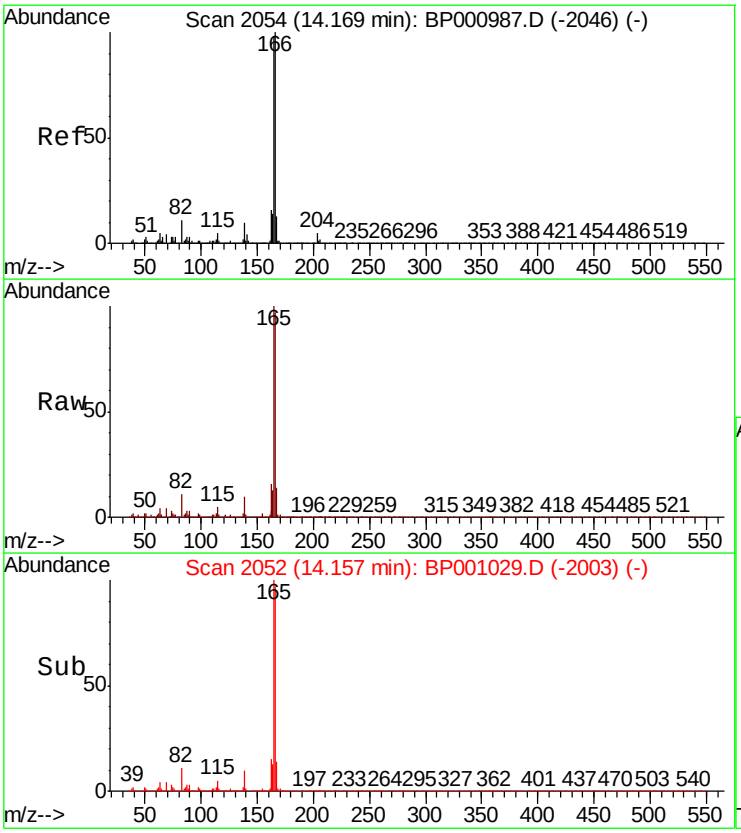
#56
4-Nitrophenol
Concen: 3.817 ng
RT: 13.59 min Scan# 1956
Delta R.T. 0.12 min
Lab File: BP001029.D
Acq: 11 Nov 2019 21:40

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:139 Resp: 21956

Ion	Ratio	Lower	Upper
139	100		
109	1.5	61.6	101.6#
65	1.6	72.0	112.0#

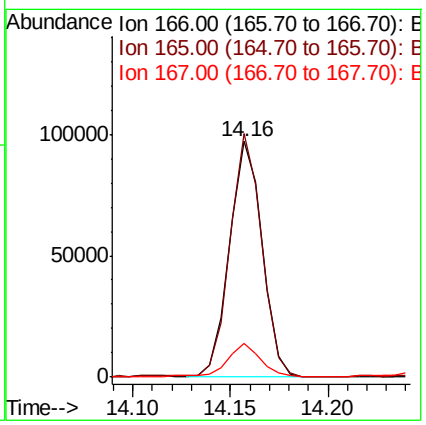


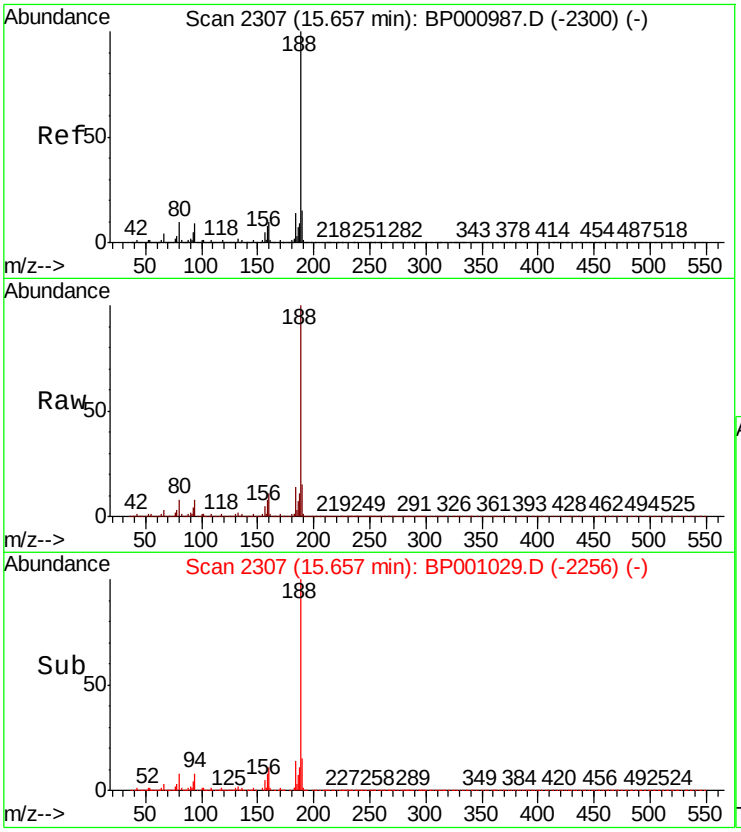


#58
Fluorene
Concen: 3.362 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BP001029.D
Acq: 11 Nov 2019 21:40

Tgt Ion:166 Resp: 112446

Ion	Ratio	Lower	Upper
166	100		
165	103.4	78.2	117.2
167	14.5	10.7	16.1



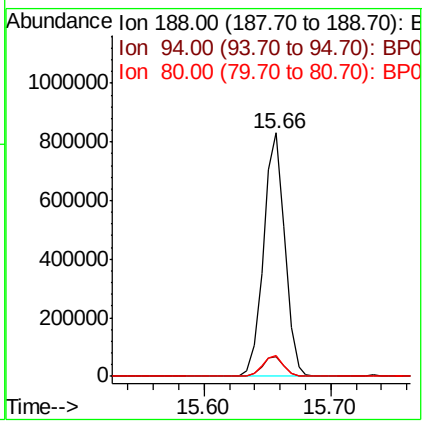


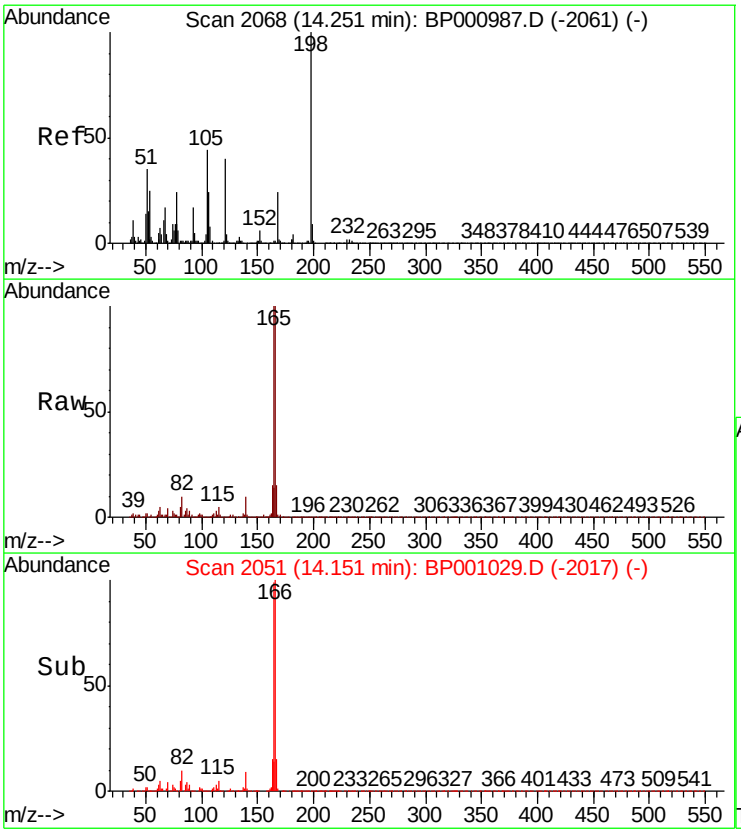
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. -0.00 min
Lab File: BP001029.D
Acq: 11 Nov 2019 21:40

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:188 Resp: 963638

Ion	Ratio	Lower	Upper
188	100		
94	7.9	7.4	11.2
80	8.3	7.9	11.9

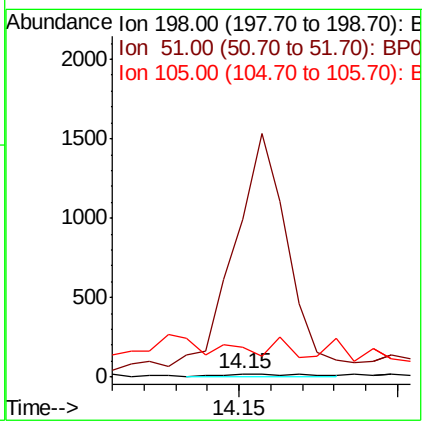


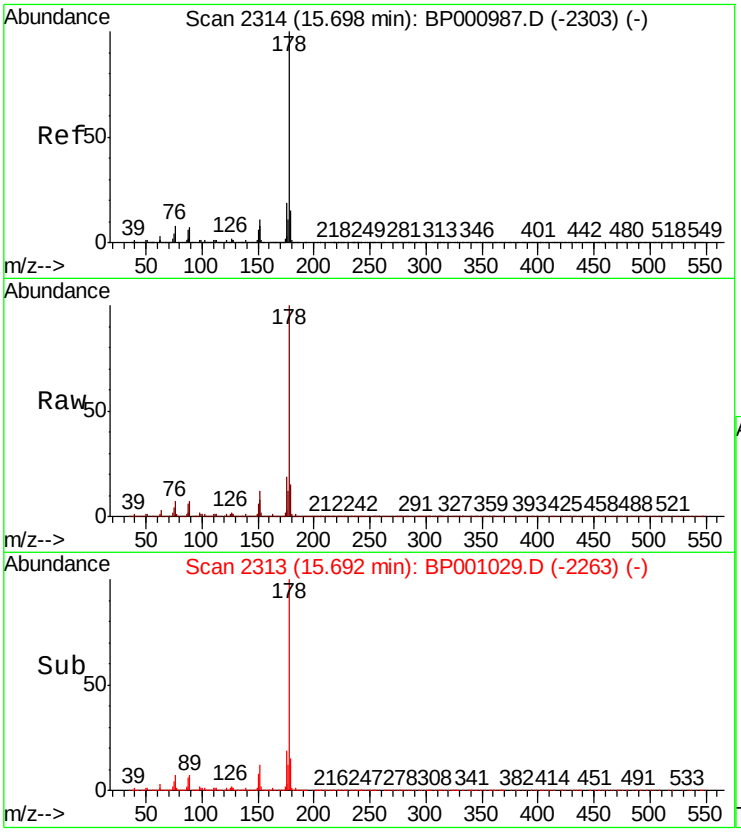


#65
4,6-Dinitro-2-methylphenol
Concen: 9.892 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.10 min
Lab File: BP001029.D
Acq: 11 Nov 2019 21:40

Tgt Ion:198 Resp: 40

Ion	Ratio	Lower	Upper
198	100		
51	4527.3	16.0	56.0#
105	836.4	24.9	64.9#



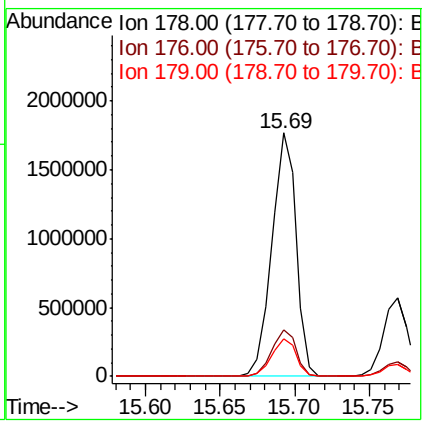


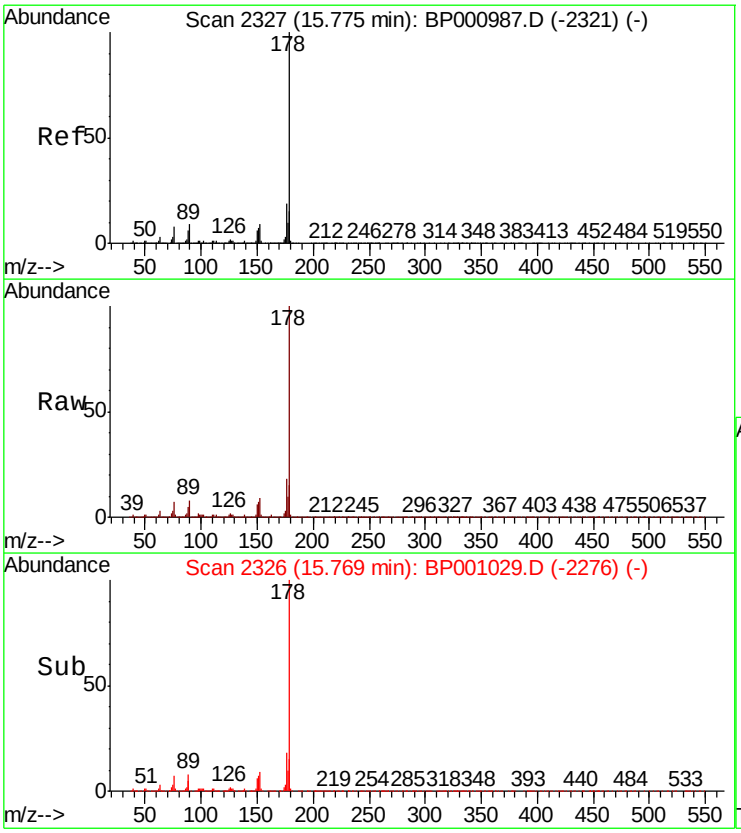
#71
Phenanthrene
Concen: 40.628 ng
RT: 15.69 min Scan# 2313
Delta R.T. -0.01 min
Lab File: BP001029.D
Acq: 11 Nov 2019 21:40

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:178 Resp: 2003778

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.5	23.3
179	15.5	12.3	18.5

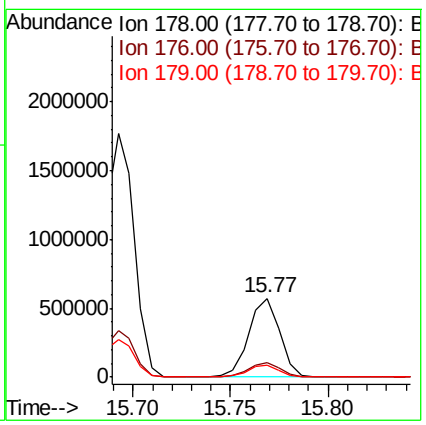


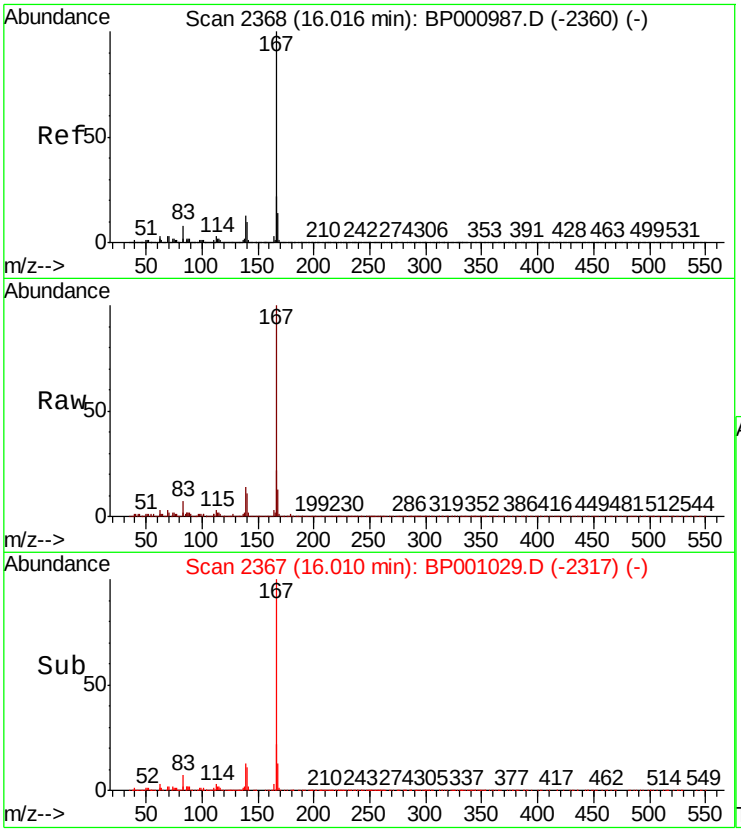


#72
Anthracene
Concen: 13.084 ng
RT: 15.77 min Scan# 2326
Delta R.T. -0.01 min
Lab File: BP001029.D
Acq: 11 Nov 2019 21:40

Tgt Ion:178 Resp: 629524

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.1	22.7
179	15.4	12.3	18.5



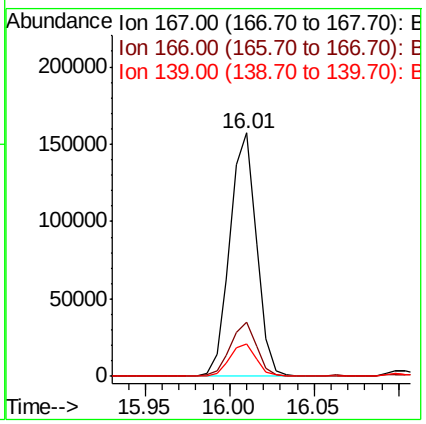


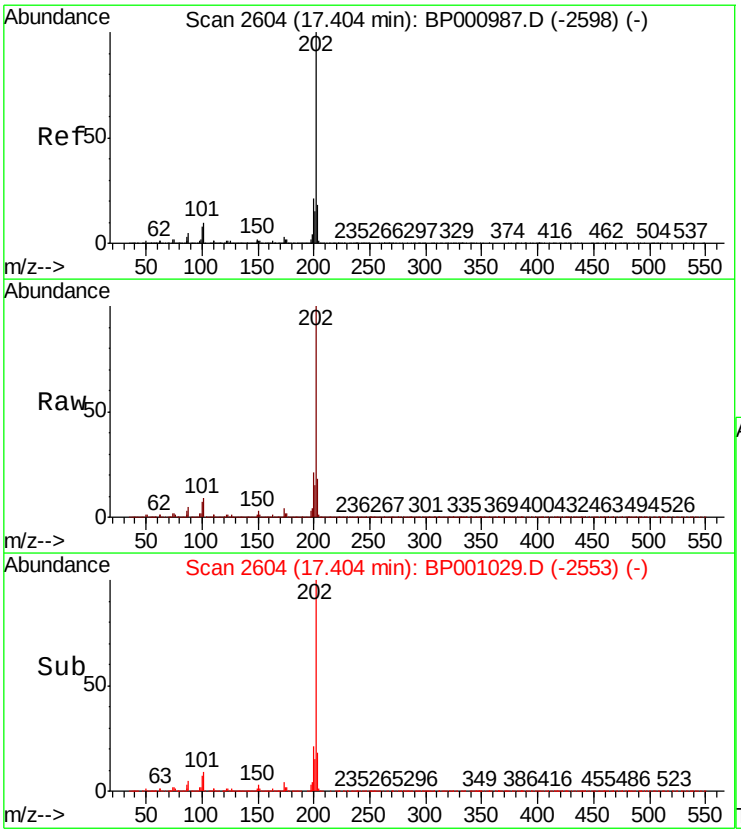
#73
Carbazole
Concen: 3.902 ng
RT: 16.01 min Scan# 2367
Delta R.T. -0.01 min
Lab File: BP001029.D
Acq: 11 Nov 2019 21:40

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:167 Resp: 172100

Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.6	26.4
139	13.6	10.6	15.8

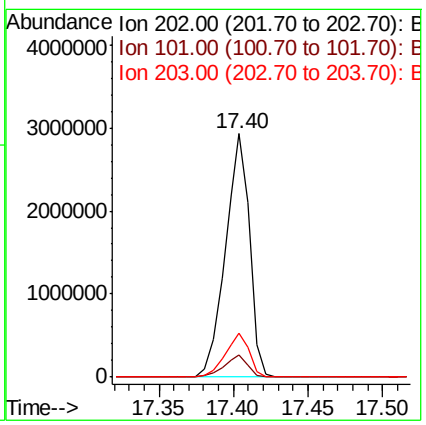


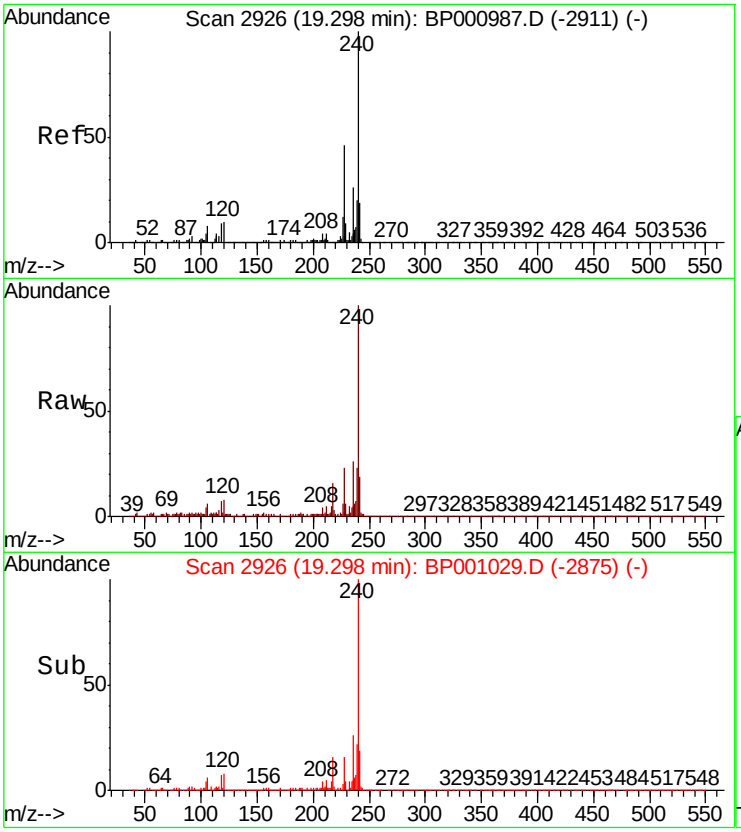


#75
Fluoranthene
Concen: 59.712 ng
RT: 17.40 min Scan# 2604
Delta R.T. -0.00 min
Lab File: BP001029.D
Acq: 11 Nov 2019 21:40

Tgt Ion:202 Resp: 3328753

Ion	Ratio	Lower	Upper
202	100		
101	8.9	0.0	30.1
203	17.9	0.0	37.7



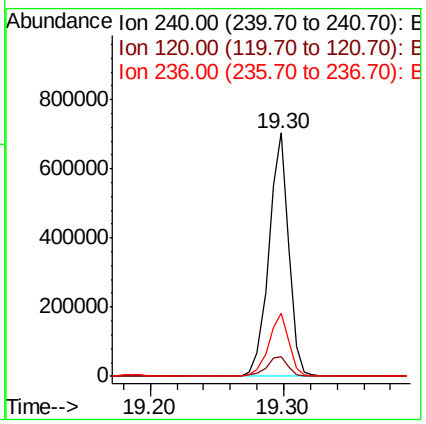


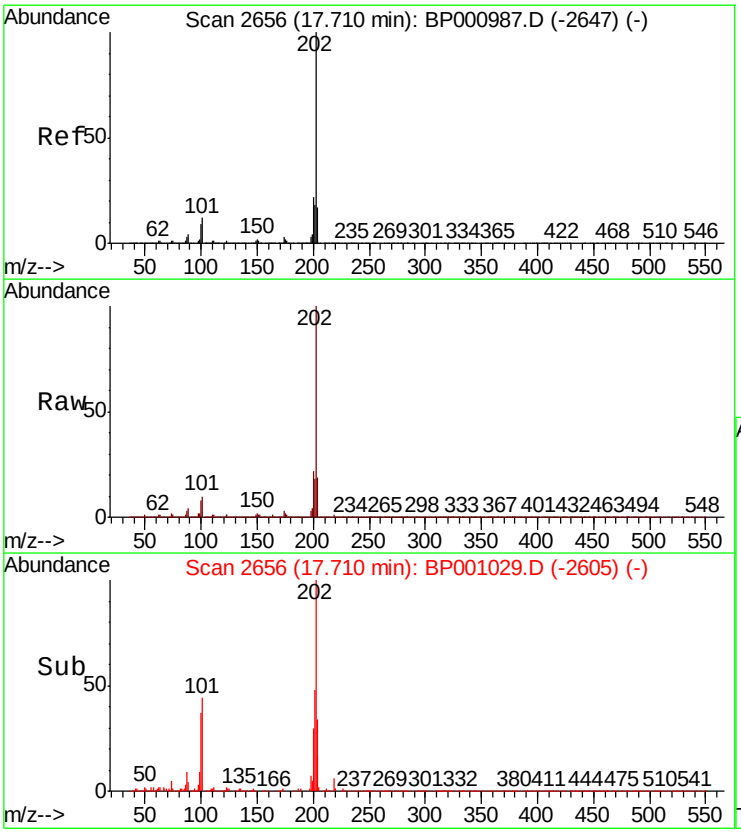
#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.30 min Scan# 2926
Delta R.T. -0.00 min
Lab File: BP001029.D
Acq: 11 Nov 2019 21:40

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:240 Resp: 725353

Ion	Ratio	Lower	Upper
240	100		
120	8.0	8.2	12.2#
236	26.0	20.5	30.7

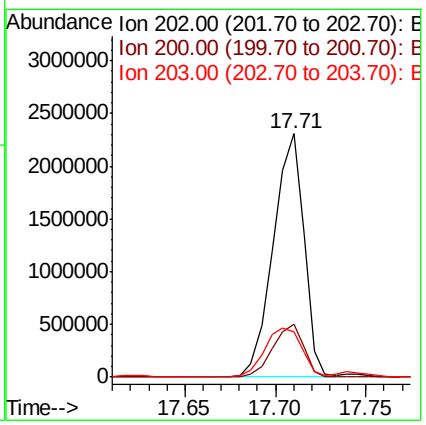


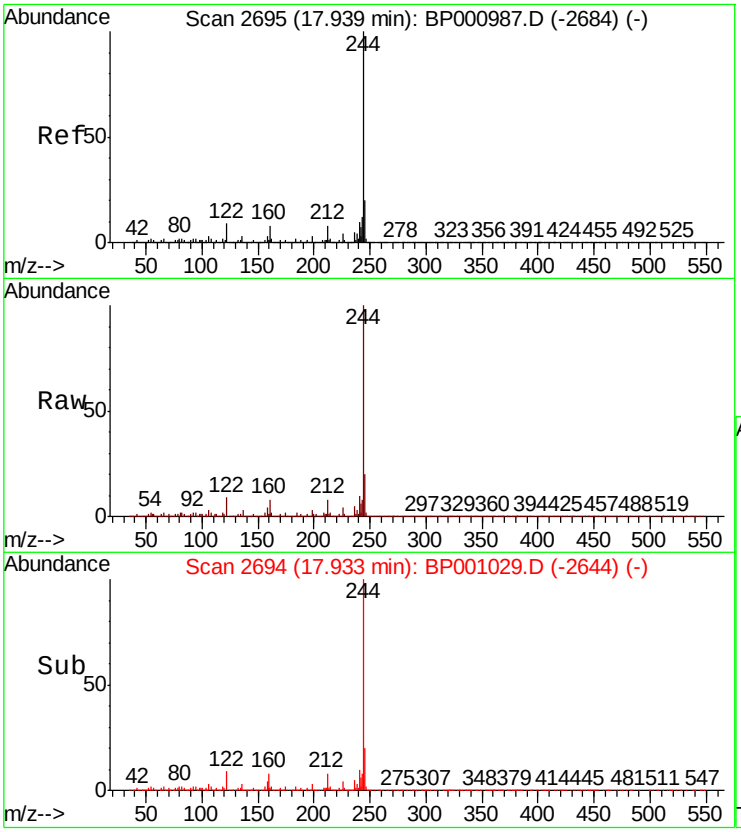


#78
Pyrene
Concen: 53.235 ng
RT: 17.71 min Scan# 2656
Delta R.T. -0.00 min
Lab File: BP001029.D
Acq: 11 Nov 2019 21:40

Tgt Ion:202 Resp: 2728914

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.2	25.8
203	18.6	14.0	21.0



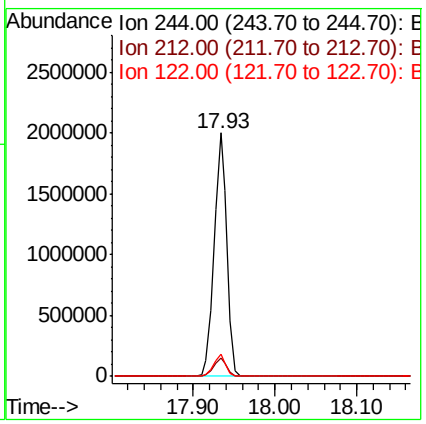


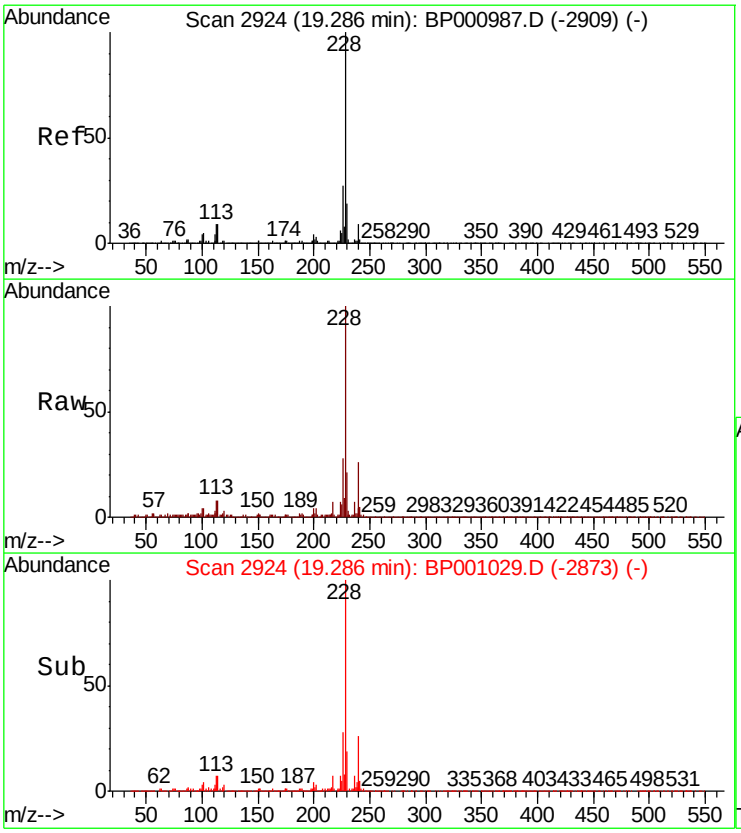
#79
Terphenyl-d14
Concen: 59.159 ng
RT: 17.93 min Scan# 2694
Delta R.T. -0.01 min
Lab File: BP001029.D
Acq: 11 Nov 2019 21:40

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:244 Resp: 2157278

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.0	9.0
122	8.9	7.4	11.2

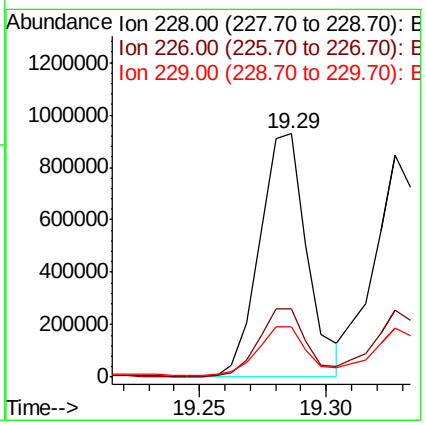


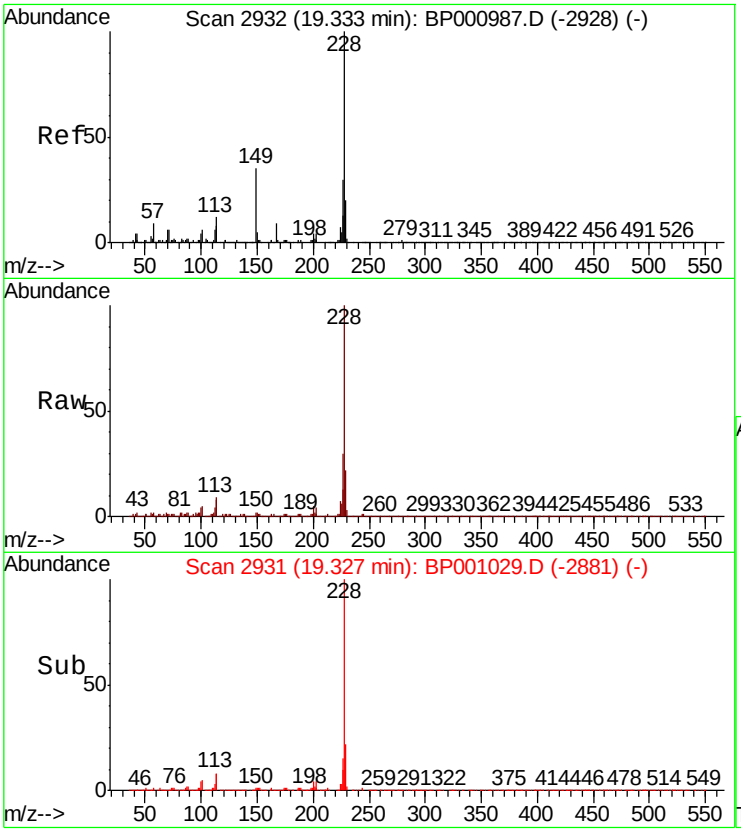


#81
Benzo(a)anthracene
Concen: 24.886 ng
RT: 19.29 min Scan# 2924
Delta R.T. -0.00 min
Lab File: BP001029.D
Acq: 11 Nov 2019 21:40

Tgt Ion:228 Resp: 1215740

Ion	Ratio	Lower	Upper
228	100		
226	27.9	21.8	32.8
229	20.7	15.6	23.4



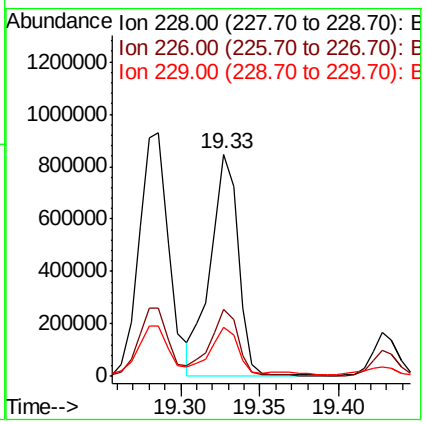


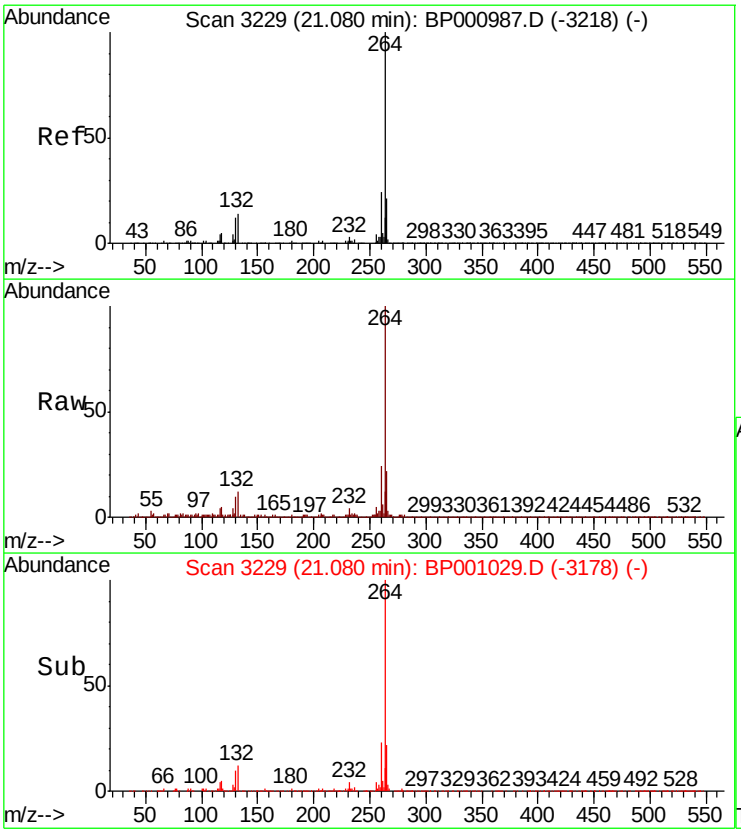
#83
Chrysene
Concen: 24.103 ng
RT: 19.33 min Scan# 2931
Delta R.T. -0.01 min
Lab File: BP001029.D
Acq: 11 Nov 2019 21:40

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:228 Resp: 1033776

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.2	36.2
229	22.3	15.8	23.6

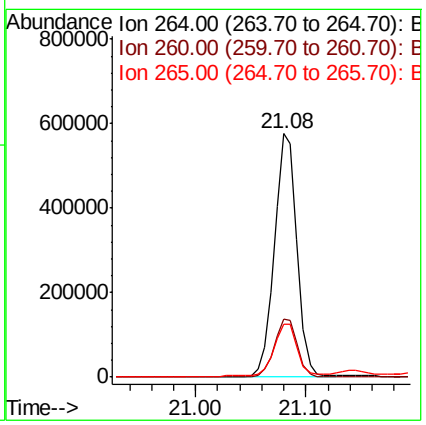


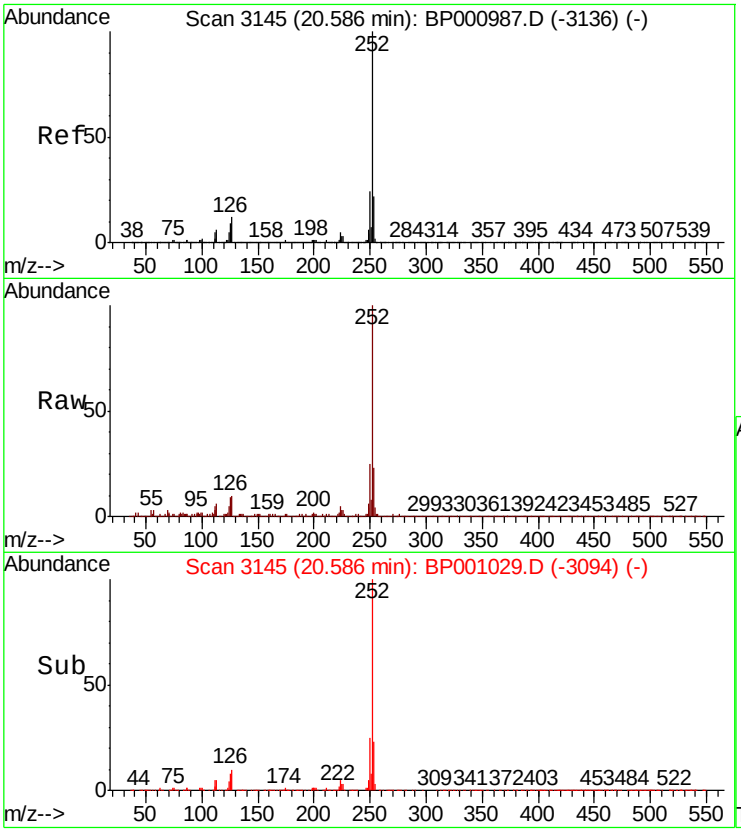


#87
Perylene-d12
Concen: 20.000 ng
RT: 21.08 min Scan# 3229
Delta R.T. -0.00 min
Lab File: BP001029.D
Acq: 11 Nov 2019 21:40

Tgt Ion:264 Resp: 816156

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.8	28.2
265	22.0	17.1	25.7



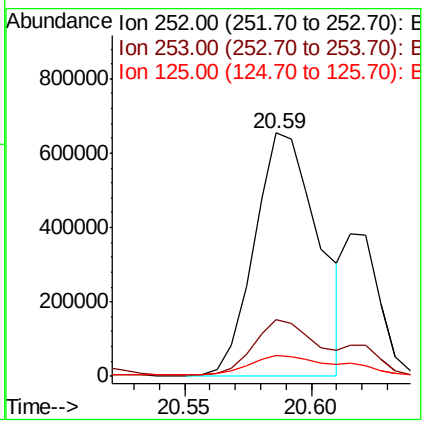


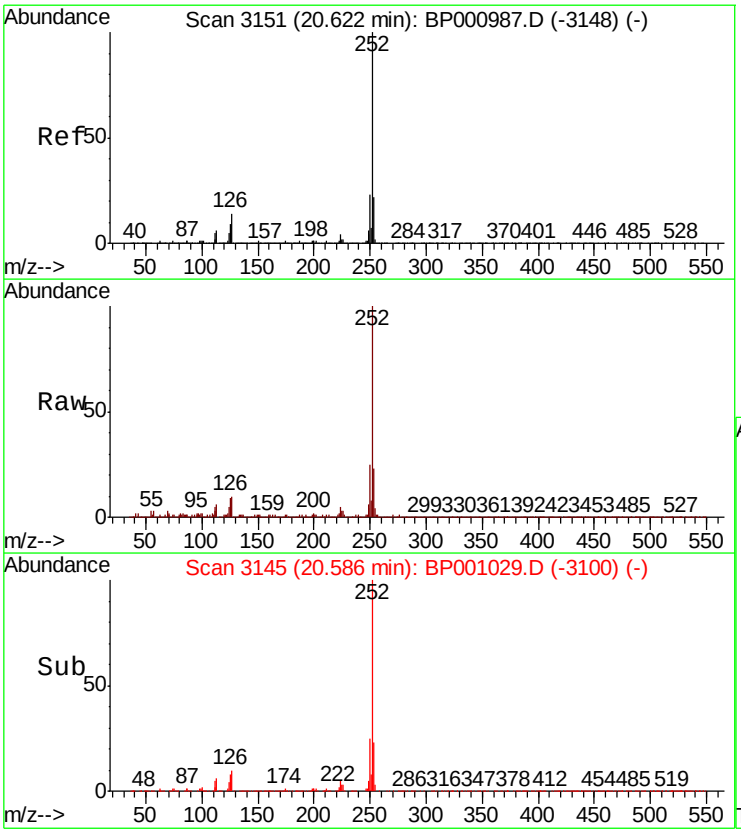
#88
Benzo(b)fluoranthene
Concen: 23.523 ng
RT: 20.59 min Scan# 3145
Delta R.T. -0.00 min
Lab File: BP001029.D
Acq: 11 Nov 2019 21:40

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 1144406

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	8.8	7.3	10.9

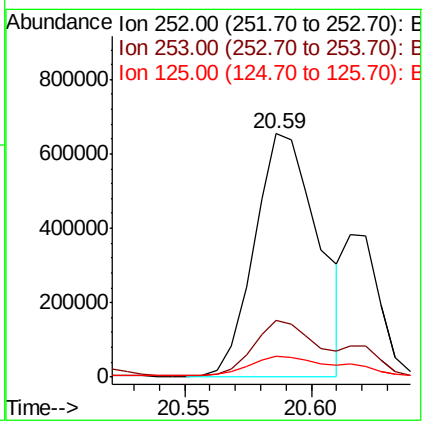


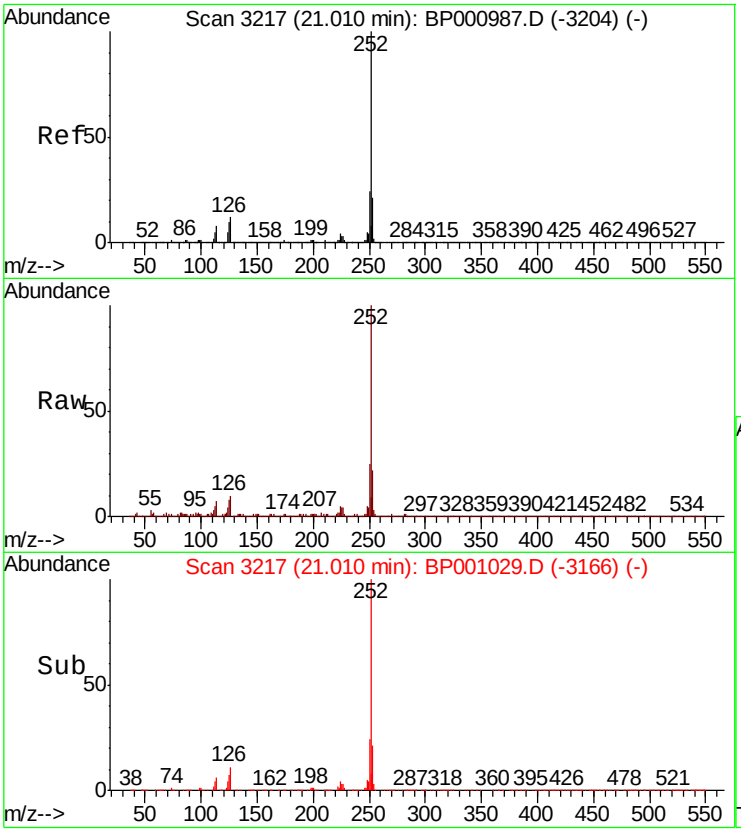


#89
Benzo(k)fluoranthene
Concen: 24.989 ng
RT: 20.59 min Scan# 3145
Delta R.T. -0.04 min
Lab File: BP001029.D
Acq: 11 Nov 2019 21:40

Tgt Ion:252 Resp: 1144406

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.7	26.5
125	8.8	7.3	10.9



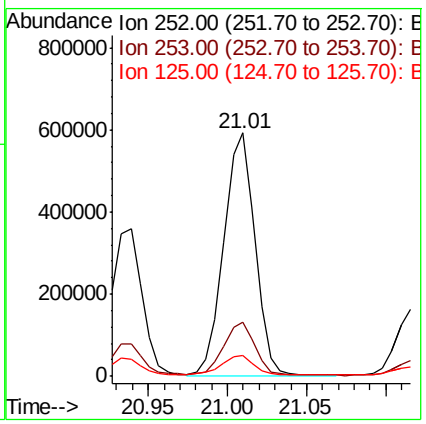


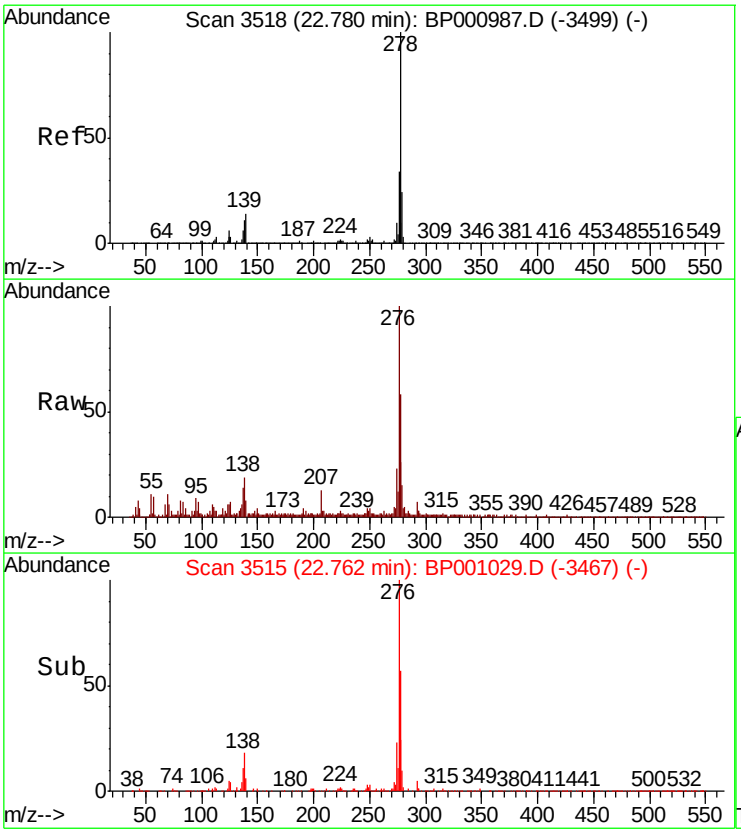
#90
Benzo(a)pyrene
Concen: 17.959 ng
RT: 21.01 min Scan# 3217
Delta R.T. -0.00 min
Lab File: BP001029.D
Acq: 11 Nov 2019 21:40

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 803405

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	8.4	7.6	11.4

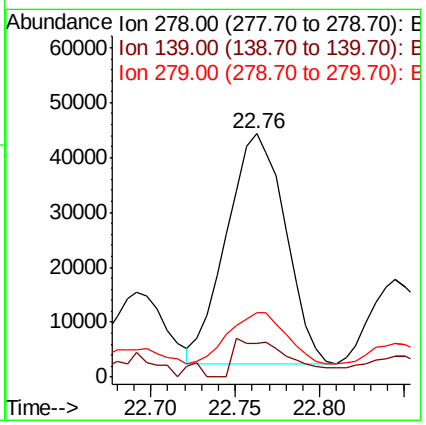


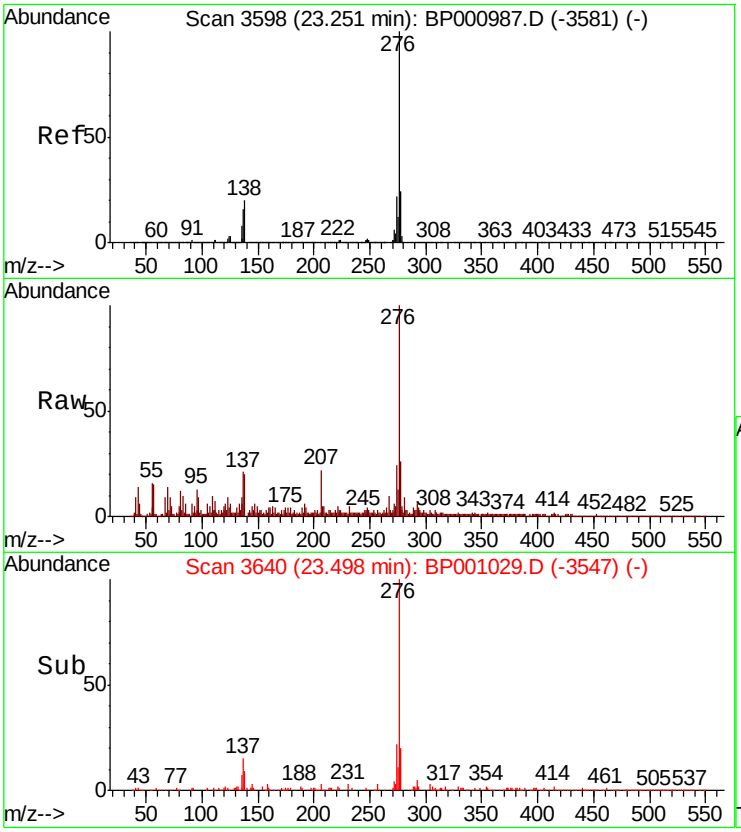


#91
Dibenzo(a,h)anthracene
Concen: 2.221 ng
RT: 22.76 min Scan# 3515
Delta R.T. -0.02 min
Lab File: BP001029.D
Acq: 11 Nov 2019 21:40

Tgt Ion:278 Resp: 101395

Ion	Ratio	Lower	Upper
278	100		
139	13.6	11.3	16.9
279	26.3	19.1	28.7





#92
Benzo(g,h,i)perylene
Concen: 2.140 ng
RT: 23.50 min Scan# 3640
Delta R.T. 0.25 min
Lab File: BP001029.D
Acq: 11 Nov 2019 21:40

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:276 Resp: 98393

Ion	Ratio	Lower	Upper
276	100		
277	26.1	19.0	28.4
138	19.6	15.7	23.5