Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090420\
Data File : BP003211.D
Acq On : 04 Sep 2020 14:59
Operator : CG/JU
Sample : L3877-12 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-3

Quant Time: Sep 04 16:00:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 01 14:37:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	310963	20.00	ng		0.00
21) Naphthalene-d8	10.43	136	1226882	20.00	ng		0.00
39) Acenaphthene-d10	14.29	164	741103	20.00	ng		0.00
64) Phenanthrene-d10	17.05	188	1471949	20.00	ng		0.00
76) Chrysene-d12	21.14	240	1044735	20.00	ng		0.00
86) Perylene-d12	23.38	264	1133100	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	147656	8.40	ng		0.00
7) Phenol-d6	6.84	99	177178	8.04	ng		0.00
23) Nitrobenzene-d5	8.80	82	107815	6.34	ng		0.00
42) 2,4,6-Tribromophenol	15.79	330	85230	8.50	ng		0.00
45) 2-Fluorobiphenyl	12.91	172	283539	5.60	ng		0.00
79) Terphenyl-d14	19.62	244	327226	6.89	ng		0.00
Target Compounds							Qvalue
3) Pyridine	3.59	79	45337	2.562	ng	#	44
18) Hexachloroethane	8.75	117	43032	5.465	ng	#	35
31) Naphthalene	10.48	128	994152	15.772	ng		99
32) Benzoic acid	9.73	122	901	9.060	ng	#	1
33) 4-Chloroaniline	10.48	127	131789	5.004	ng	#	32
37) 2-Methylnaphthalene	12.32	142	408649	9.063	ng		96
38) 1-Methylnaphthalene	12.32	142	409485	9.554	ng		99
49) Acenaphthylene	14.01	152	494253	7.183	ng		98
52) Acenaphthene	14.36	154	145997	3.454	ng		99
54) 2,4-Dinitrophenol	14.38	184	498	7.825	ng	#	1
58) Fluorene	15.35	166	208602	4.079	ng	#	97
71) Phenanthrene	17.09	178	1955288	24.515	ng		100
72) Anthracene	17.18	178	703254	9.213	ng		100
75) Fluoranthene	19.07	202	2563228	27.806	ng		99
78) Pyrene	19.42	202	3966712	58.501	ng		99
81) Benzo(a)anthracene	21.13	228	1958589	29.929	ng		94
83) Chrysene	21.18	228	2181640	34.819	ng		97
87) Indeno(1,2,3-cd)pyrene	25.66	276	1410178	16.688	ng		97
88) Benzo(b)fluoranthene	22.72	252	2827942	40.155	ng		97
89) Benzo(k)fluoranthene	22.72	252	2827942	42.027	ng		98
90) Benzo(a)pyrene	23.29	252	2171350	33.234	ng		97
91) Dibenzo(a,h)anthracene	25.66	278	457417	6.590	ng	#	83
92) Benzo(g,h,i)perylene	26.36	276	1819916	26.125	ng		98

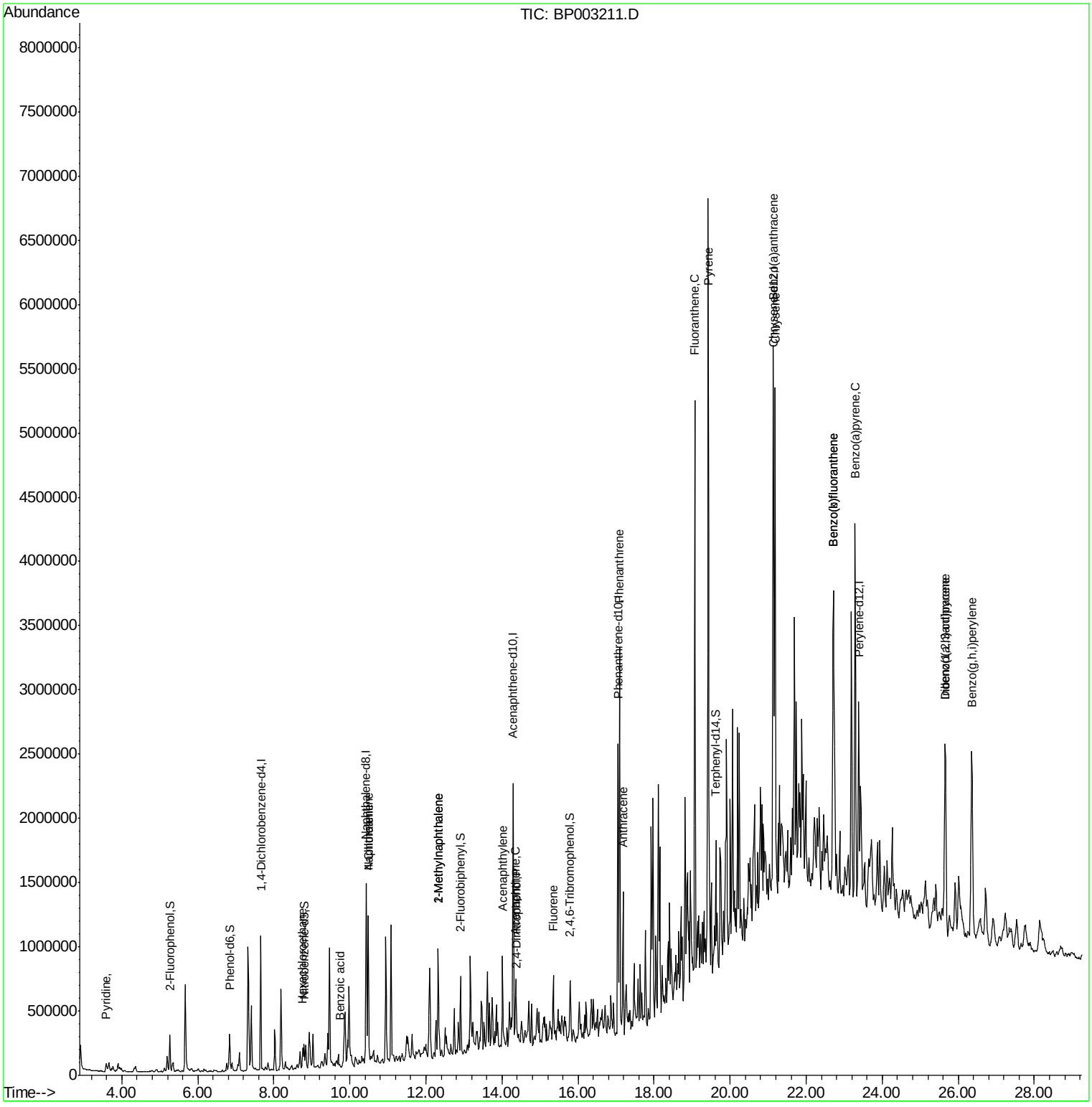
(#) = qualifier out of range (m) = manual integration (+) = signals summed

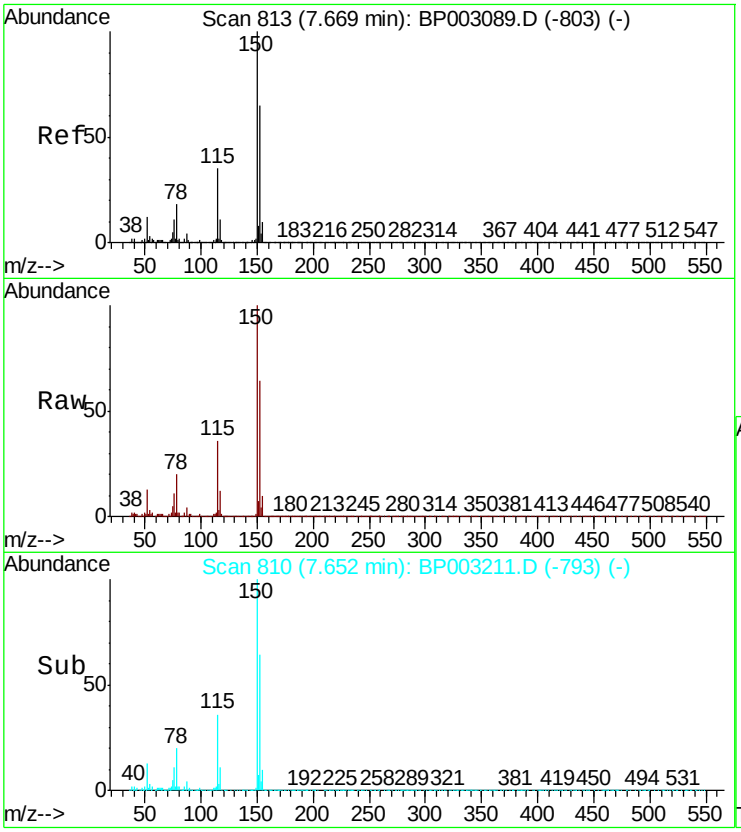
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090420\
Data File : BP003211.D
Acq On : 04 Sep 2020 14:59
Operator : CG/JU
Sample : L3877-12 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-3

Quant Time: Sep 04 16:00:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 01 14:37:05 2020
Response via : Initial Calibration



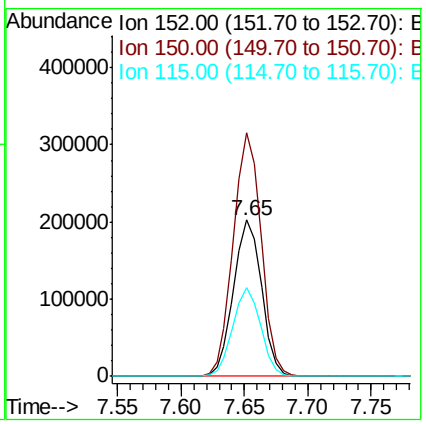


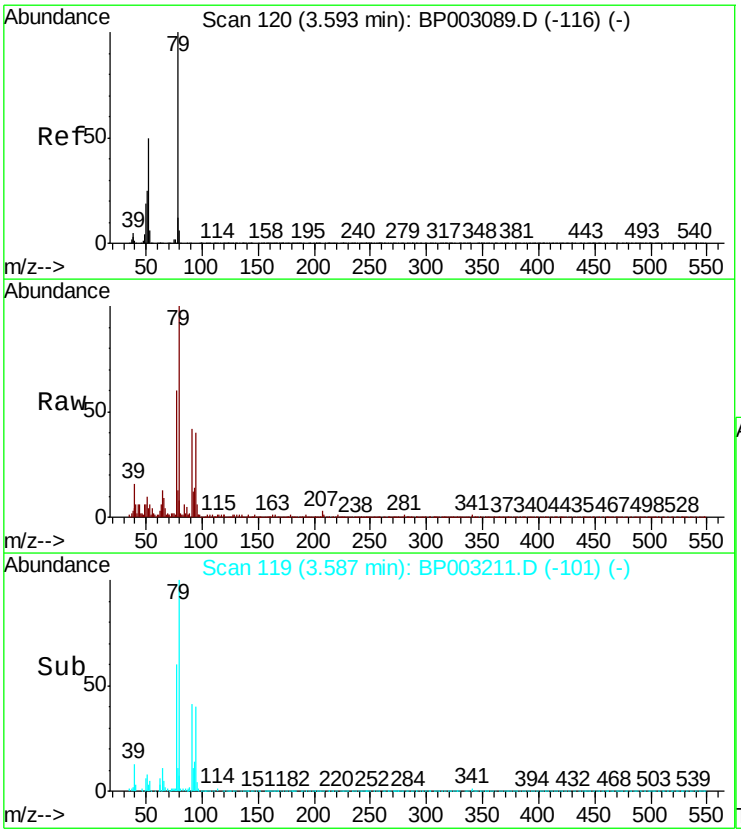
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 810
Delta R.T. -0.00 min
Lab File: BP003211.D
Acq: 04 Sep 2020 14:59

Instrument :
BNA_P
ClientSampleId :
TP-3

Tgt Ion:152 Resp: 310963

Ion	Ratio	Lower	Upper
152	100		
150	155.7	123.8	185.6
115	56.4	43.8	65.6

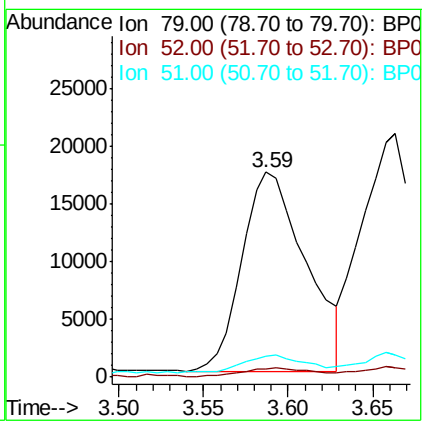


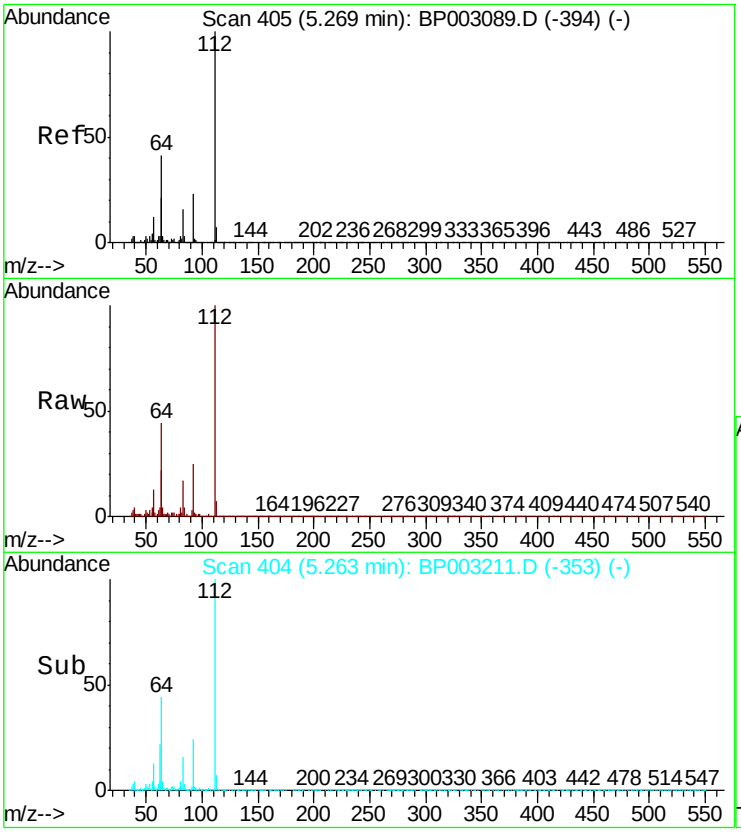


#3
Pyridine
Concen: 2.562 ng
RT: 3.59 min Scan# 119
Delta R.T. 0.01 min
Lab File: BP003211.D
Acq: 04 Sep 2020 14:59

Tgt Ion: 79 Resp: 45337

Ion	Ratio	Lower	Upper
79	100		
52	3.8	41.3	61.9#
51	10.4	21.2	31.8#



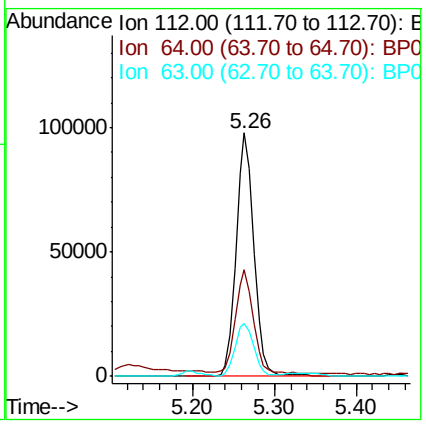


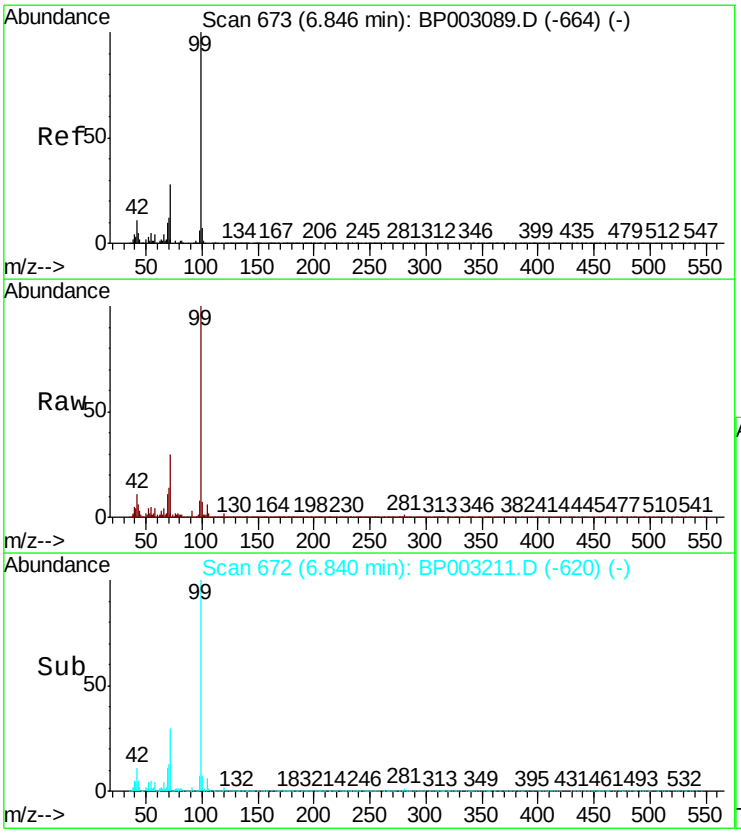
#5
2-Fluorophenol
Concen: 8.395 ng
RT: 5.26 min Scan# 404
Delta R.T. -0.00 min
Lab File: BP003211.D
Acq: 04 Sep 2020 14:59

Instrument :
BNA_P
ClientSampleId :
TP-3

Tgt Ion:112 Resp: 147656

Ion	Ratio	Lower	Upper
112	100		
64	43.9	32.8	49.2
63	21.9	17.0	25.4

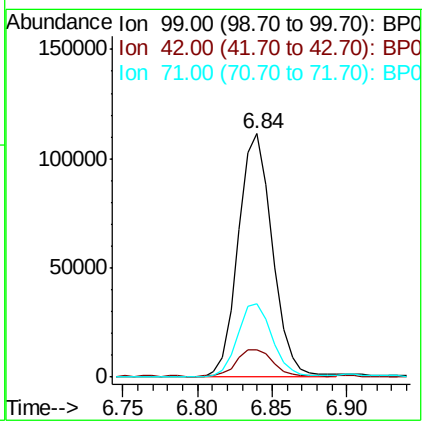


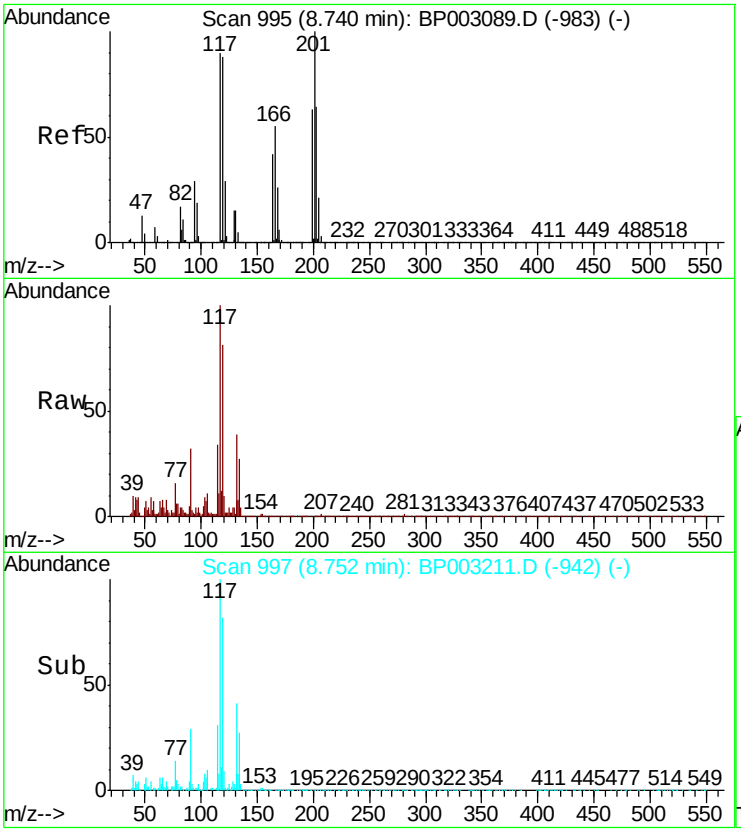


#7
Phenol-d6
Concen: 8.036 ng
RT: 6.84 min Scan# 672
Delta R.T. 0.01 min
Lab File: BP003211.D
Acq: 04 Sep 2020 14:59

Tgt Ion: 99 Resp: 177178

Ion	Ratio	Lower	Upper
99	100		
42	11.3	8.6	13.0
71	30.1	23.4	35.2



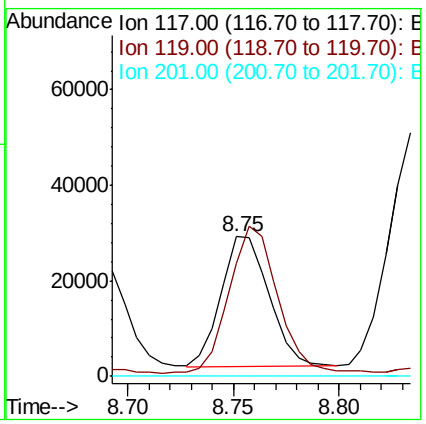


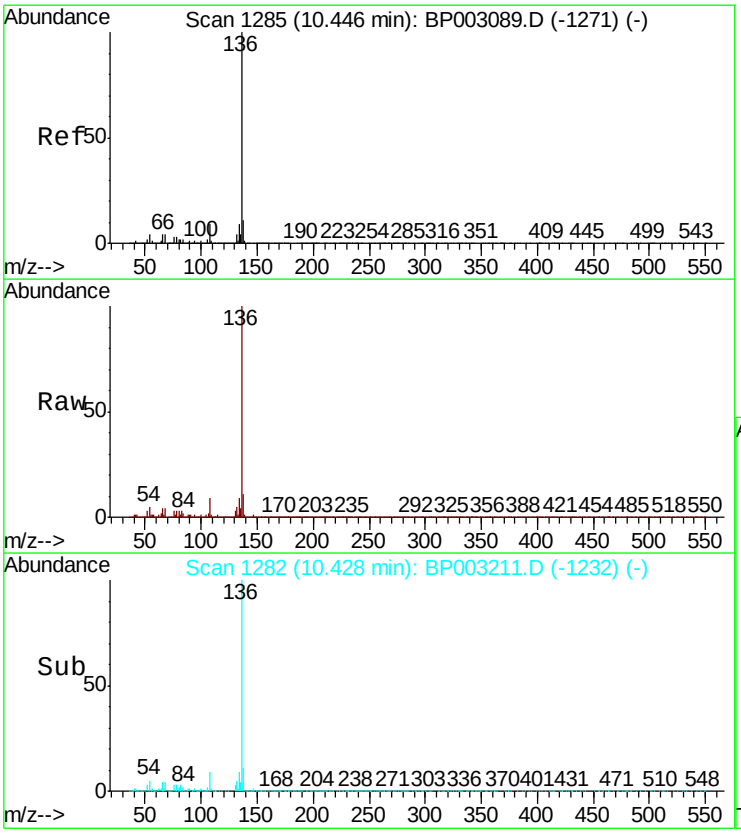
#18
Hexachloroethane
Concen: 5.465 ng
RT: 8.75 min Scan# 997
Delta R.T. 0.02 min
Lab File: BP003211.D
Acq: 04 Sep 2020 14:59

Instrument :
BNA_P
ClientSampleId :
TP-3

Tgt Ion:117 Resp: 43032

Ion	Ratio	Lower	Upper
117	100		
119	81.0	78.8	118.2
201	0.2	92.3	138.5#

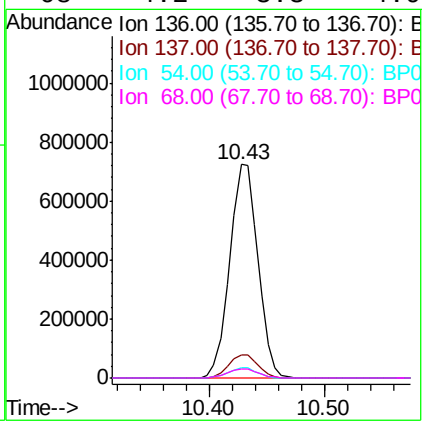


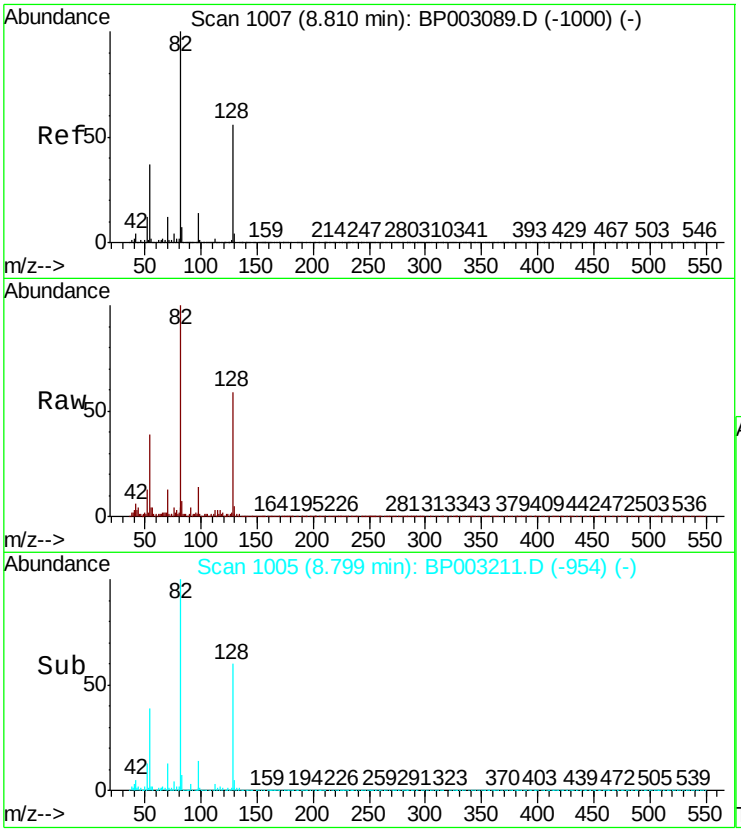


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.43 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BP003211.D
Acq: 04 Sep 2020 14:59

Tgt Ion:136 Resp: 1226882

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	4.7	3.6	5.4
68	4.2	3.3	4.9



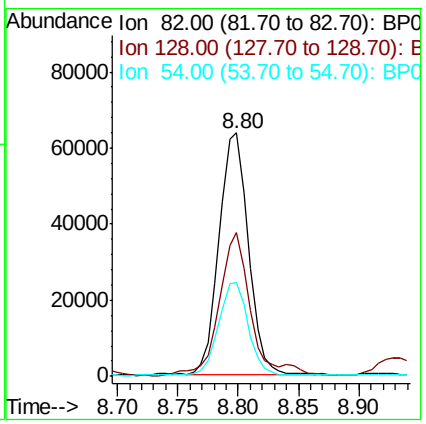


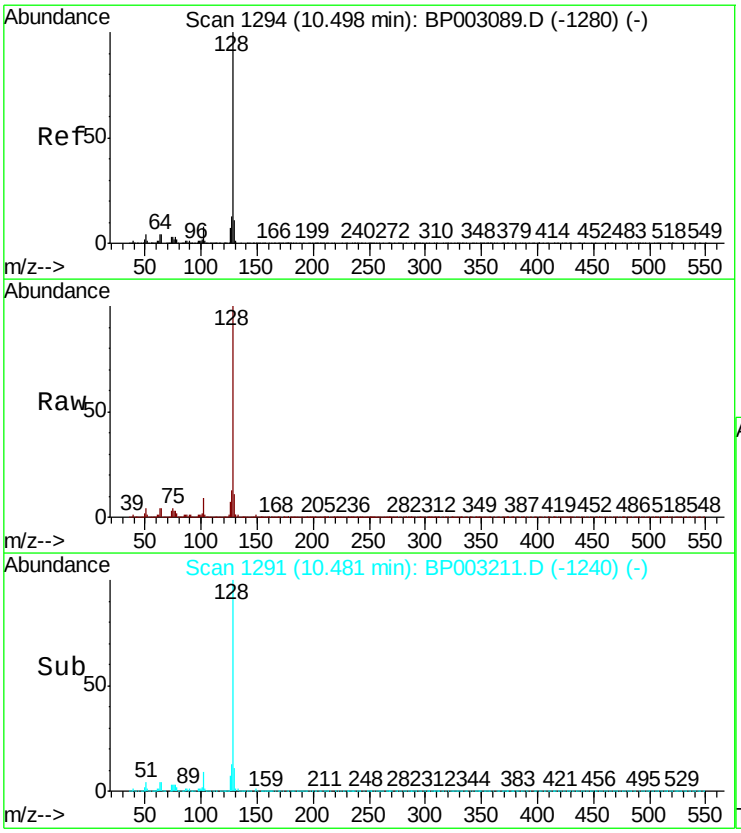
#23
Nitrobenzene-d5
Concen: 6.335 ng
RT: 8.80 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BP003211.D
Acq: 04 Sep 2020 14:59

Instrument :
BNA_P
ClientSampleId :
TP-3

Tgt Ion: 82 Resp: 107815

Ion	Ratio	Lower	Upper
82	100		
128	59.2	45.6	68.4
54	38.7	30.1	45.1

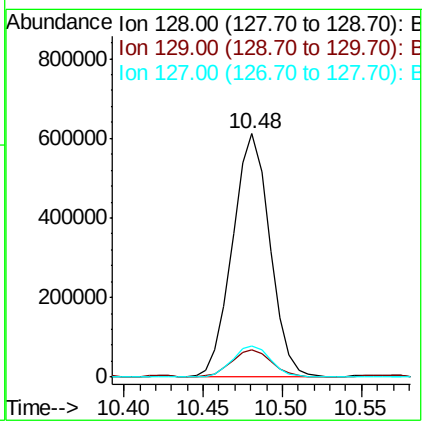


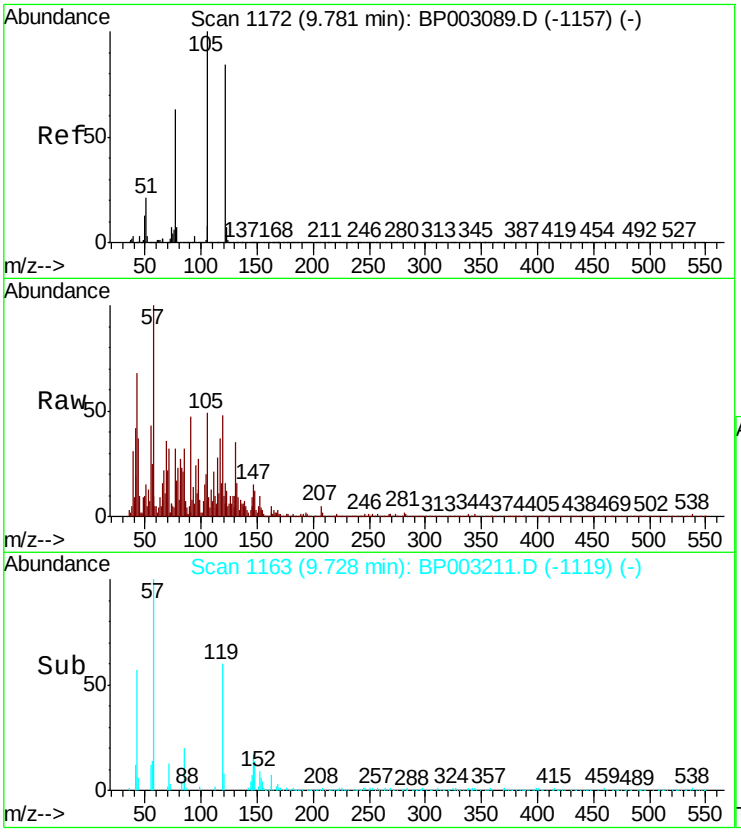


#31
Naphthalene
Concen: 15.772 ng
RT: 10.48 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BP003211.D
Acq: 04 Sep 2020 14:59

Tgt Ion:128 Resp: 994152

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.8	13.2
127	13.0	10.6	15.8



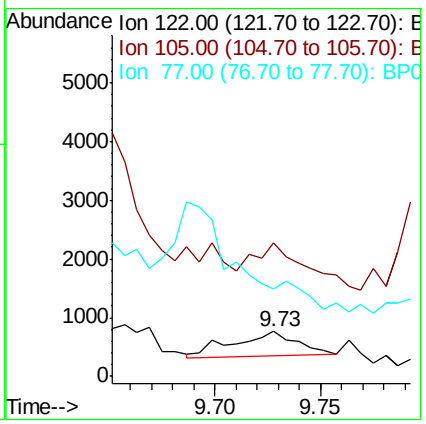


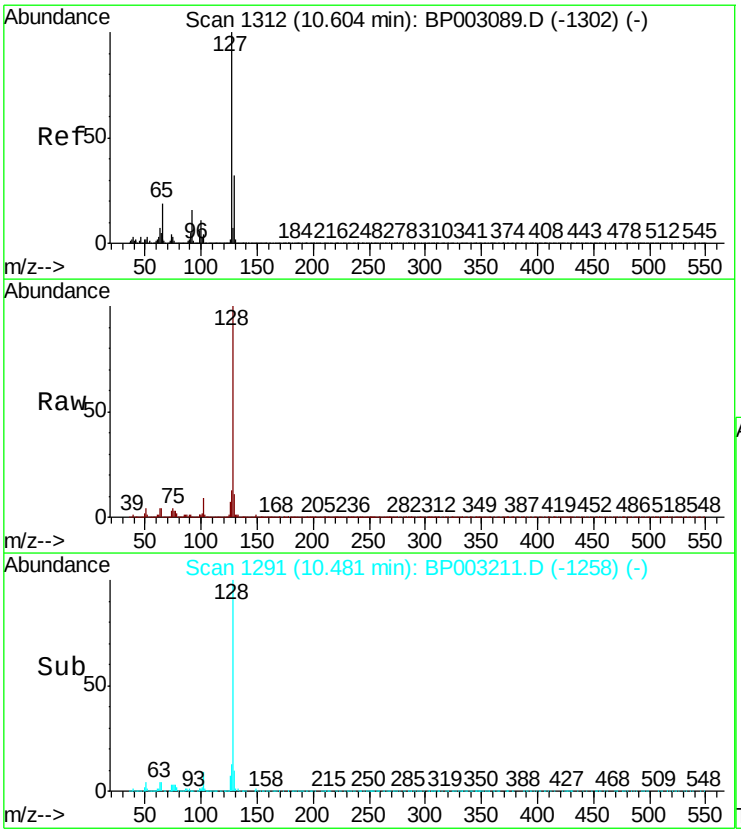
#32
Benzoic acid
Concen: 9.060 ng
RT: 9.73 min Scan# 1163
Delta R.T. -0.04 min
Lab File: BP003211.D
Acq: 04 Sep 2020 14:59

Instrument :
BNA_P
ClientSampleId :
TP-3

Tgt Ion:122 Resp: 901

Ion	Ratio	Lower	Upper
122	100		
105	296.6	94.1	134.1#
77	193.5	50.1	90.1#

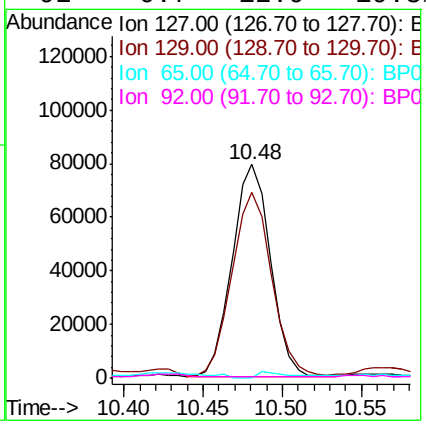


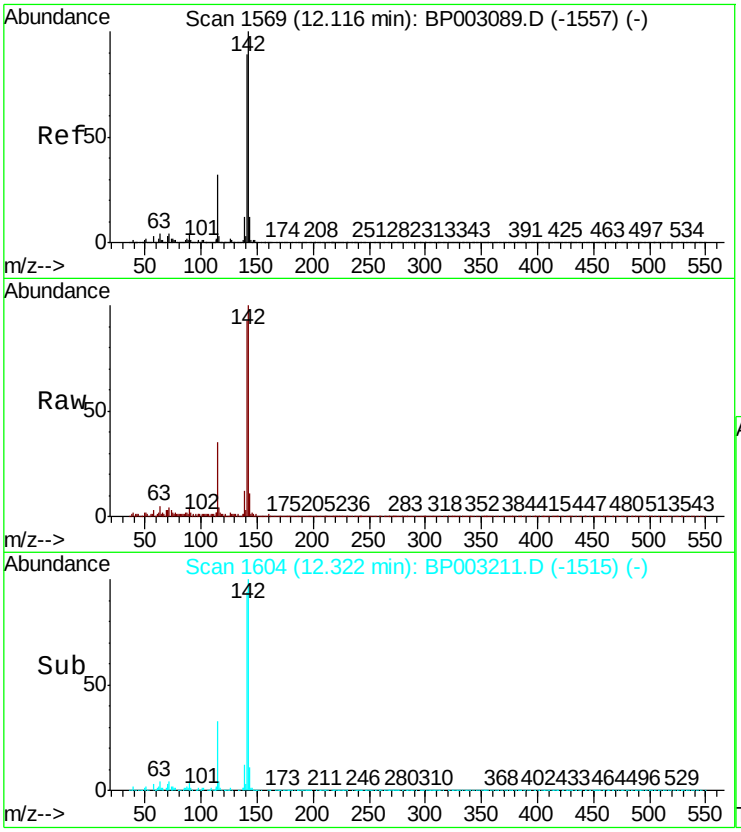


#33
4-Chloroaniline
Concen: 5.004 ng
RT: 10.48 min Scan# 1291
Delta R.T. -0.11 min
Lab File: BP003211.D
Acq: 04 Sep 2020 14:59

Tgt Ion:127 Resp: 131789

Ion	Ratio	Lower	Upper
127	100		
129	87.0	25.7	38.5#
65	0.0	17.3	25.9#
92	0.7	12.9	19.3#



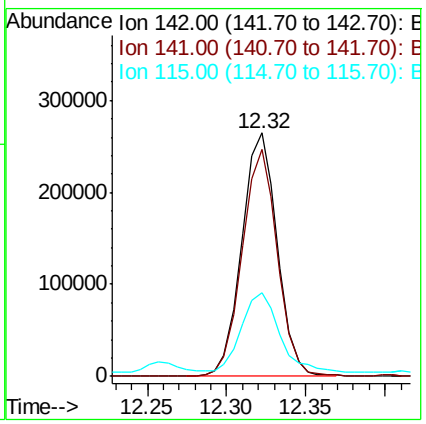


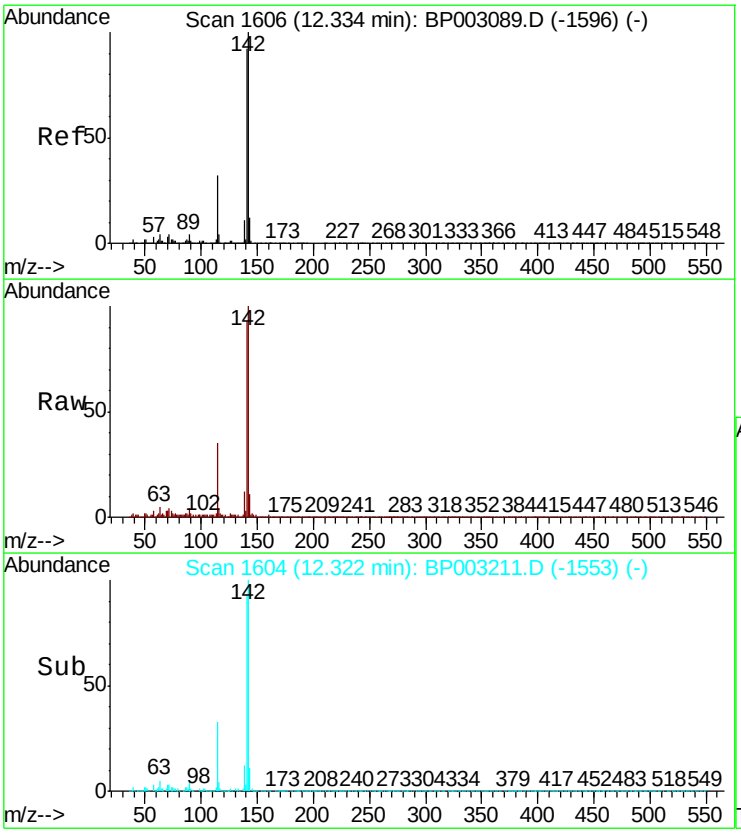
#37
2-Methylnaphthalene
Concen: 9.063 ng
RT: 12.32 min Scan# 1604
Delta R.T. 0.22 min
Lab File: BP003211.D
Acq: 04 Sep 2020 14:59

Instrument :
BNA_P
ClientSampleId :
TP-3

Tgt Ion:142 Resp: 408649

Ion	Ratio	Lower	Upper
142	100		
141	93.5	71.4	107.2
115	34.5	25.8	38.6

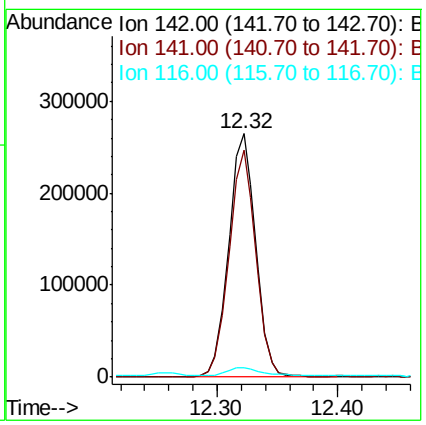


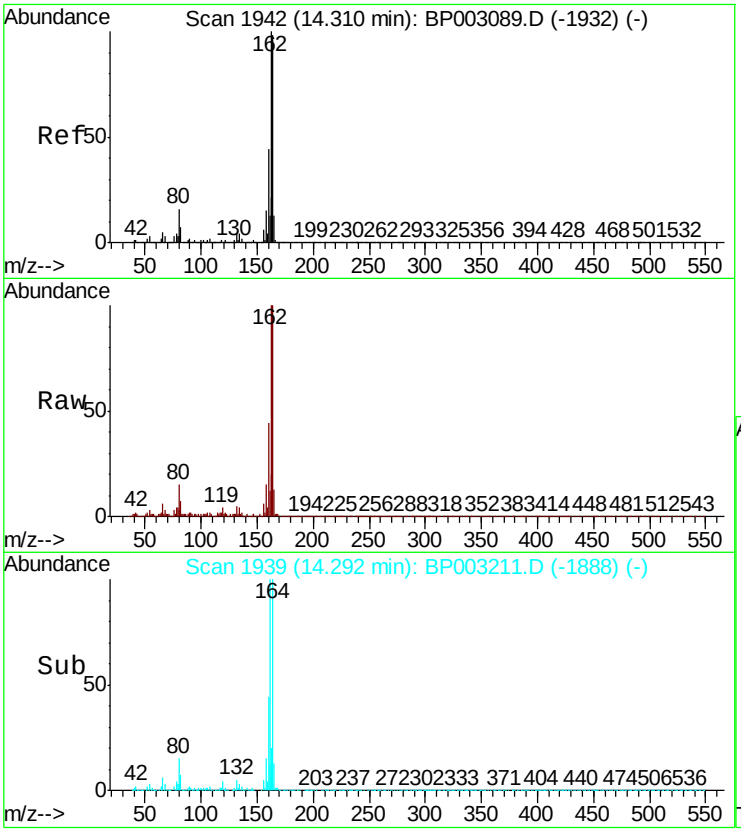


#38
1-Methylnaphthalene
Concen: 9.554 ng
RT: 12.32 min Scan# 1604
Delta R.T. -0.00 min
Lab File: BP003211.D
Acq: 04 Sep 2020 14:59

Tgt Ion:142 Resp: 409485

Ion	Ratio	Lower	Upper
142	100		
141	93.5	74.4	111.6
116	4.0	2.9	4.3



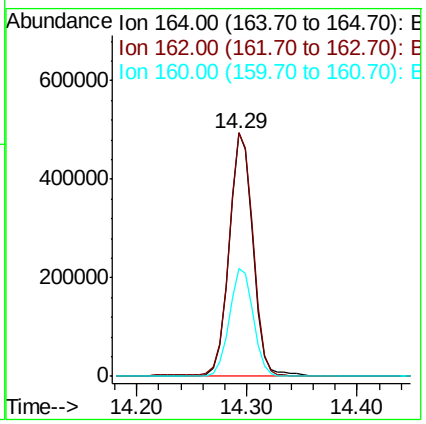


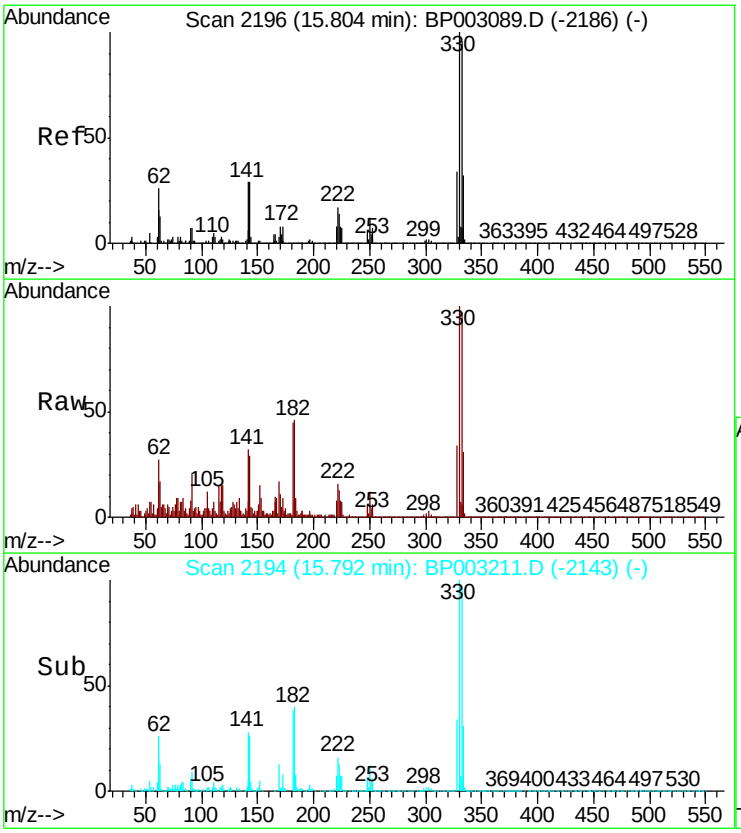
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.29 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BP003211.D
Acq: 04 Sep 2020 14:59

Instrument :
BNA_P
ClientSampleId :
TP-3

Tgt Ion:164 Resp: 741103

Ion	Ratio	Lower	Upper
164	100		
162	99.9	79.4	119.2
160	44.3	36.1	54.1

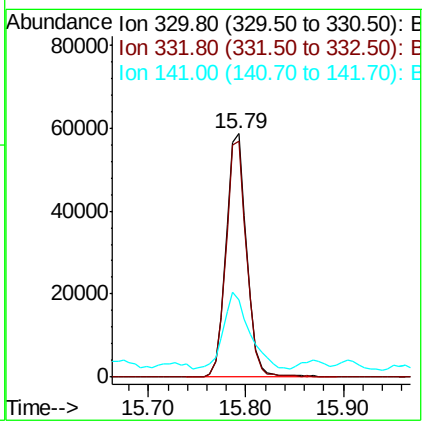


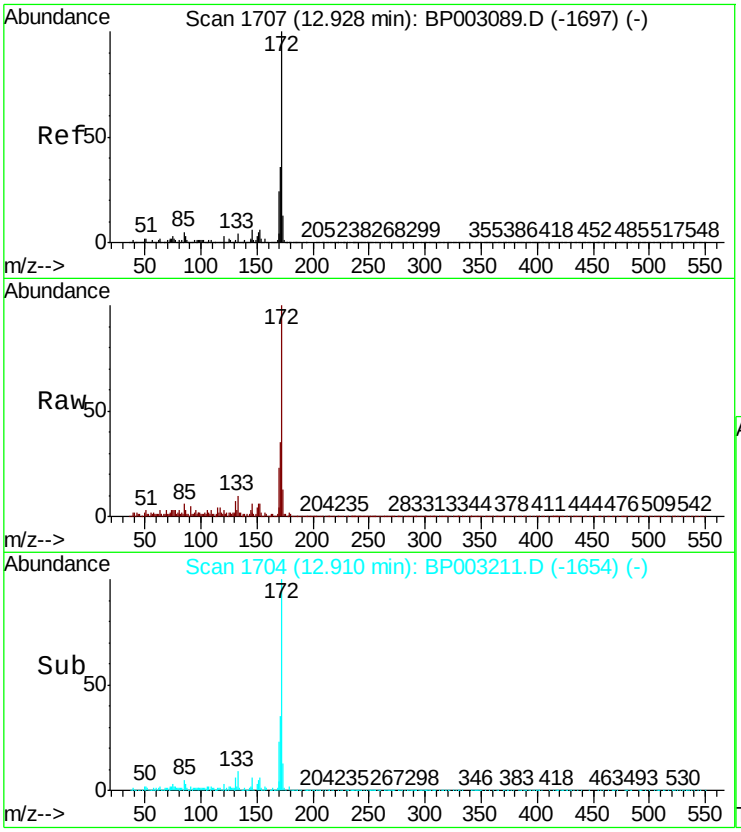


#42
2,4,6-Tribromophenol
Concen: 8.503 ng
RT: 15.79 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BP003211.D
Acq: 04 Sep 2020 14:59

Tgt Ion:330 Resp: 85230

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.1	115.7
141	39.7	23.4	35.2#



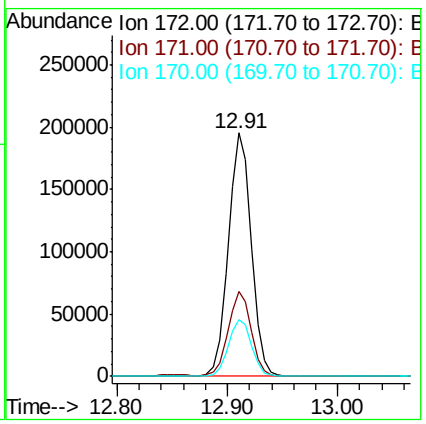


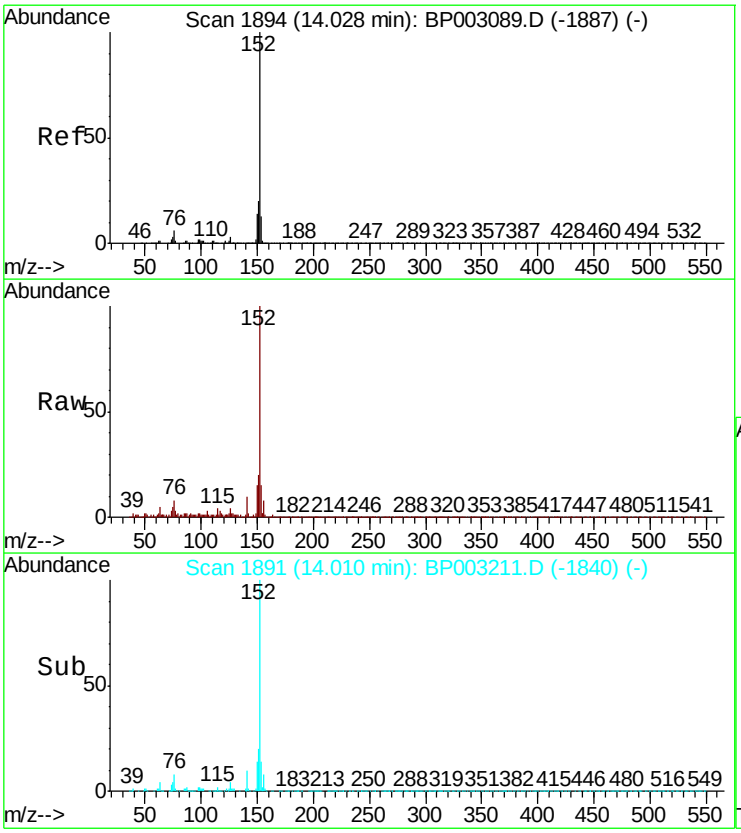
#45
2-Fluorobiphenyl
Concen: 5.603 ng
RT: 12.91 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BP003211.D
Acq: 04 Sep 2020 14:59

Instrument :
BNA_P
ClientSampleId :
TP-3

Tgt Ion:172 Resp: 283539

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.5	42.7
170	23.5	19.2	28.8

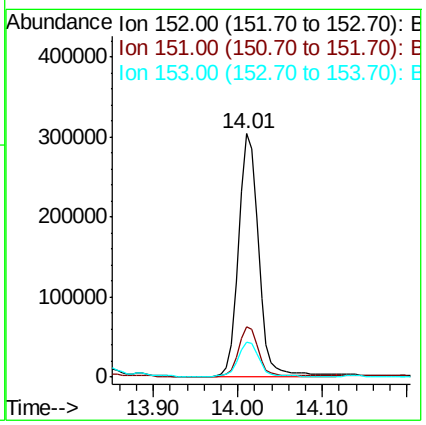


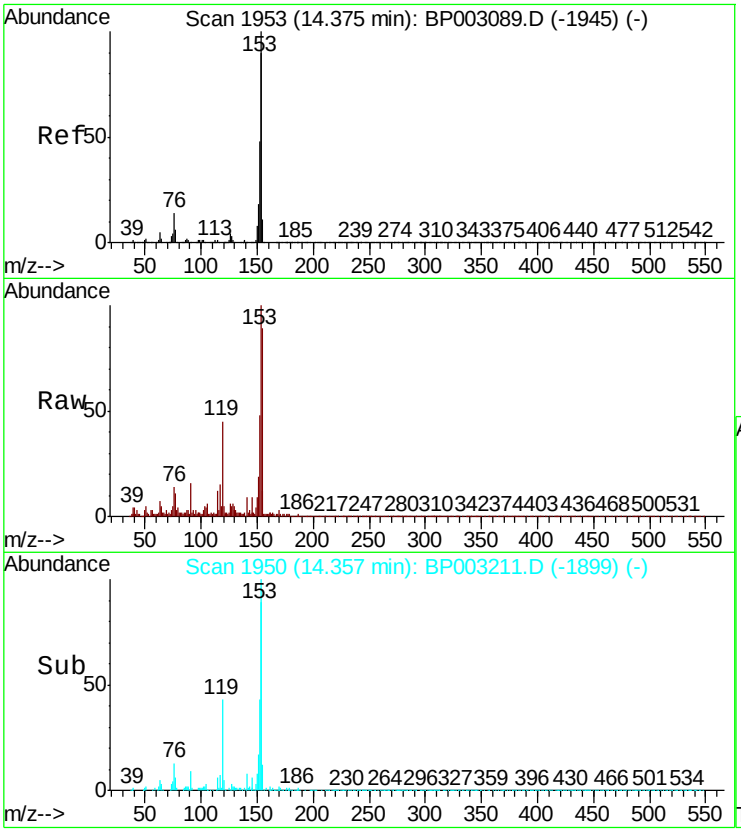


#49
Acenaphthylene
Concen: 7.183 ng
RT: 14.01 min Scan# 1891
Delta R.T. -0.00 min
Lab File: BP003211.D
Acq: 04 Sep 2020 14:59

Tgt Ion:152 Resp: 494253

Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.9	23.9
153	14.6	10.5	15.7



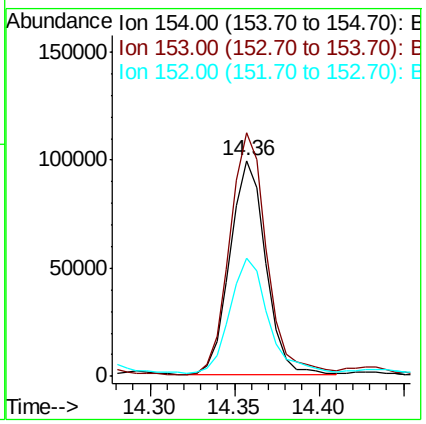


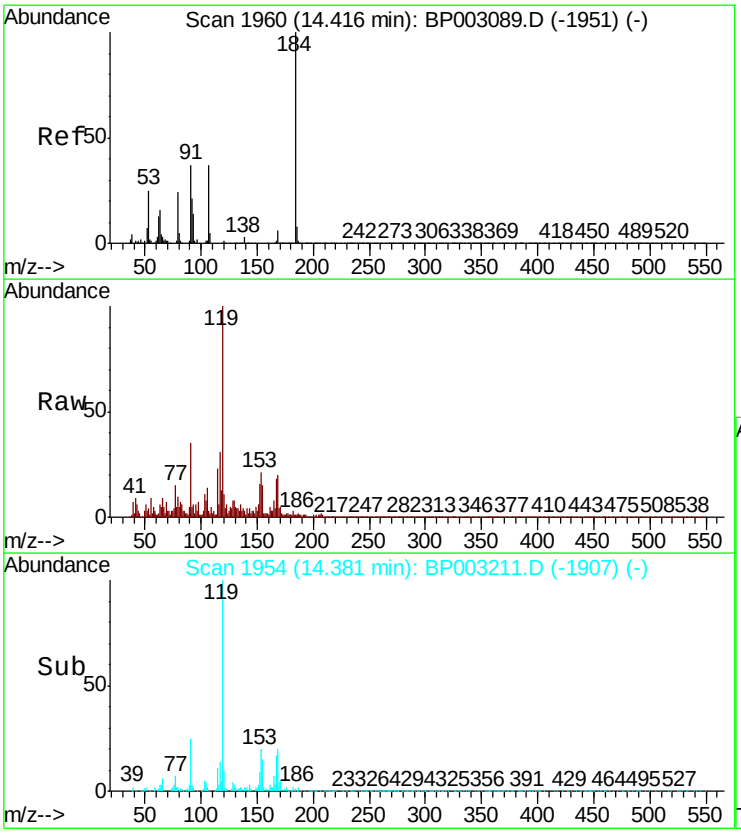
#52
Acenaphthene
Concen: 3.454 ng
RT: 14.36 min Scan# 1950
Delta R.T. -0.00 min
Lab File: BP003211.D
Acq: 04 Sep 2020 14:59

Instrument :
BNA_P
ClientSampleId :
TP-3

Tgt Ion:154 Resp: 145997

Ion	Ratio	Lower	Upper
154	100		
153	112.9	91.0	136.6
152	54.6	43.0	64.6

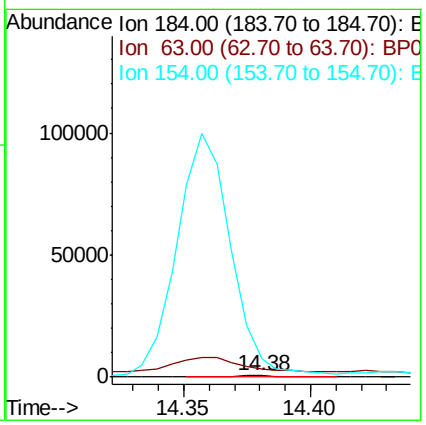


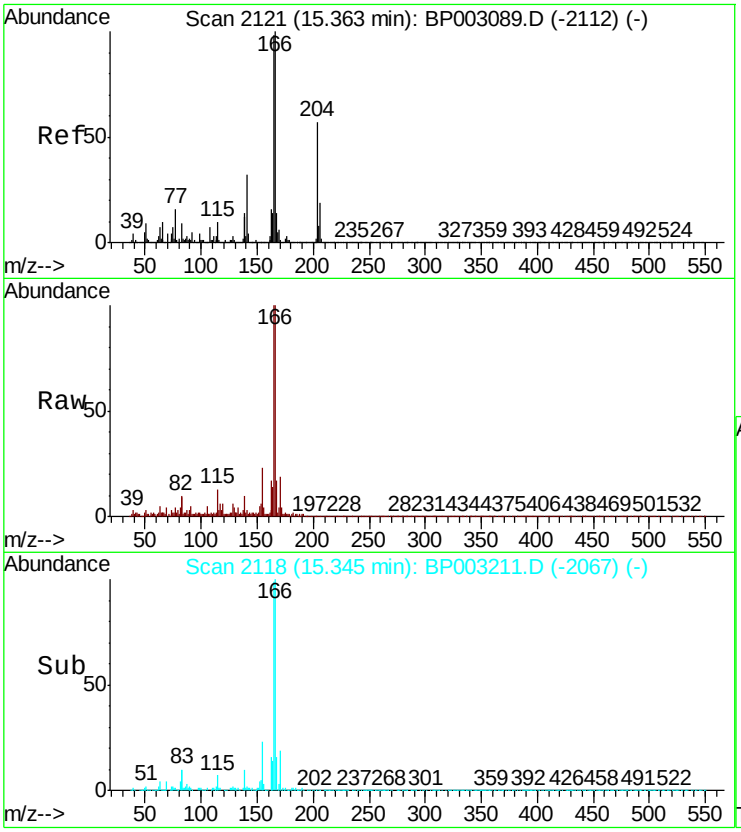


#54
2,4-Dinitrophenol
Concen: 7.825 ng
RT: 14.38 min Scan# 1954
Delta R.T. -0.02 min
Lab File: BP003211.D
Acq: 04 Sep 2020 14:59

Tgt Ion:184 Resp: 498

Ion	Ratio	Lower	Upper
184	100		
63	631.7	32.3	48.5#
154	1533.7	49.1	73.7#



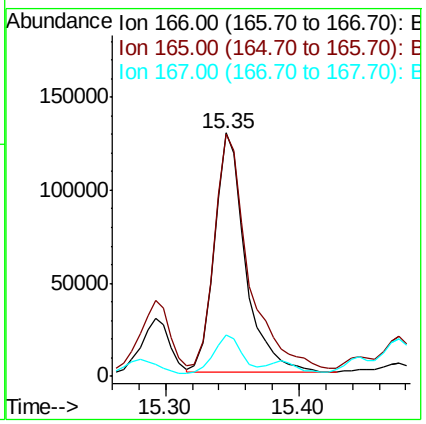


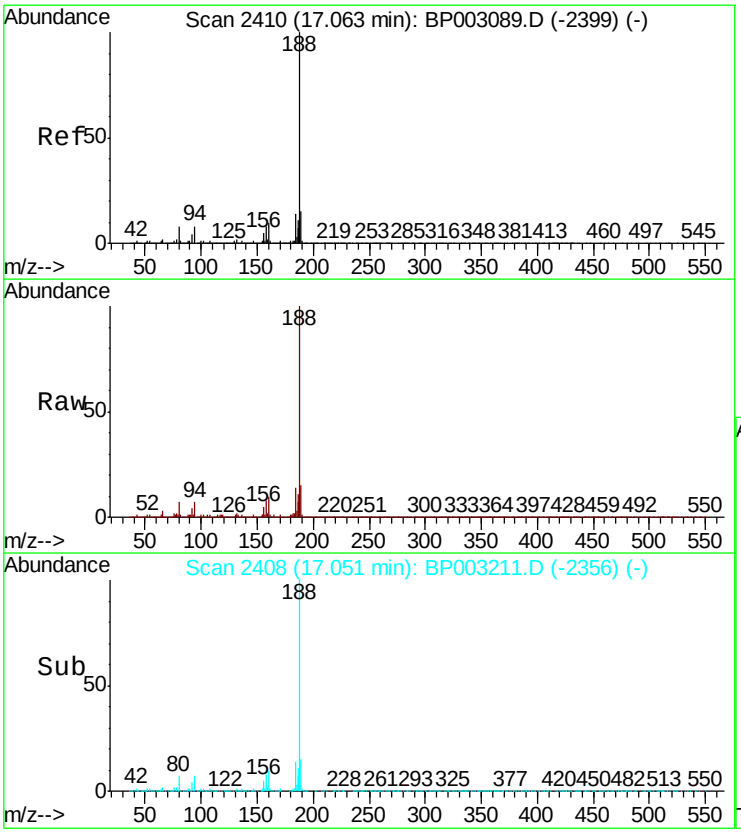
#58
Fluorene
Concen: 4.079 ng
RT: 15.35 min Scan# 2118
Delta R.T. -0.00 min
Lab File: BP003211.D
Acq: 04 Sep 2020 14:59

Instrument :
BNA_P
ClientSampleId :
TP-3

Tgt Ion:166 Resp: 208602

Ion	Ratio	Lower	Upper
166	100		
165	99.7	77.8	116.8
167	16.7	11.0	16.4#

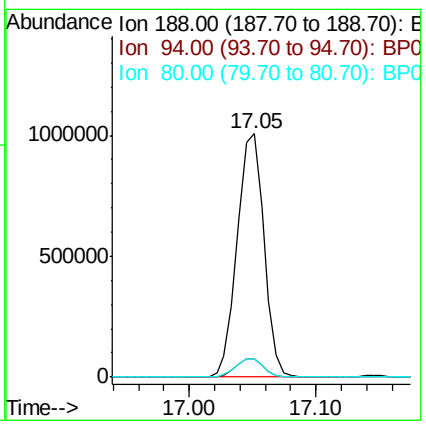


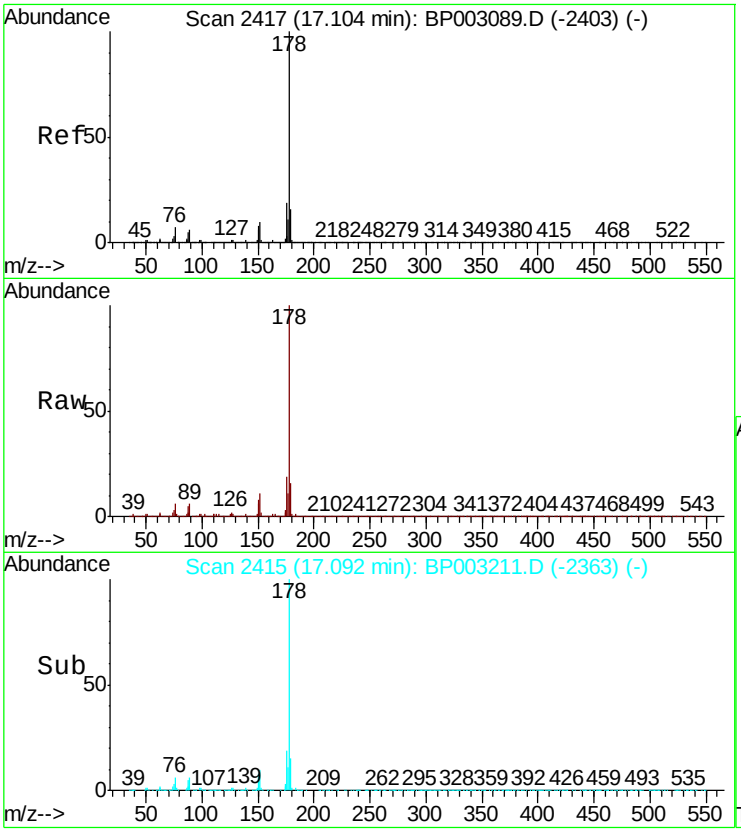


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2408
Delta R.T. 0.01 min
Lab File: BP003211.D
Acq: 04 Sep 2020 14:59

Tgt Ion:188 Resp: 1471949

Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.2	9.2
80	7.3	6.2	9.2



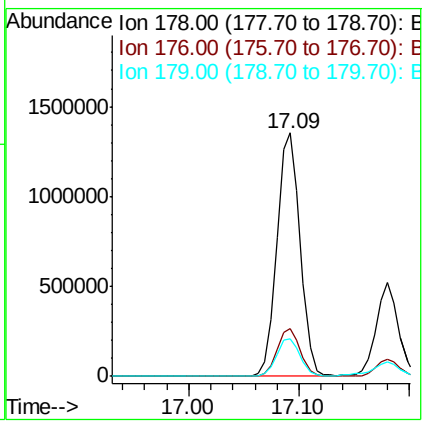


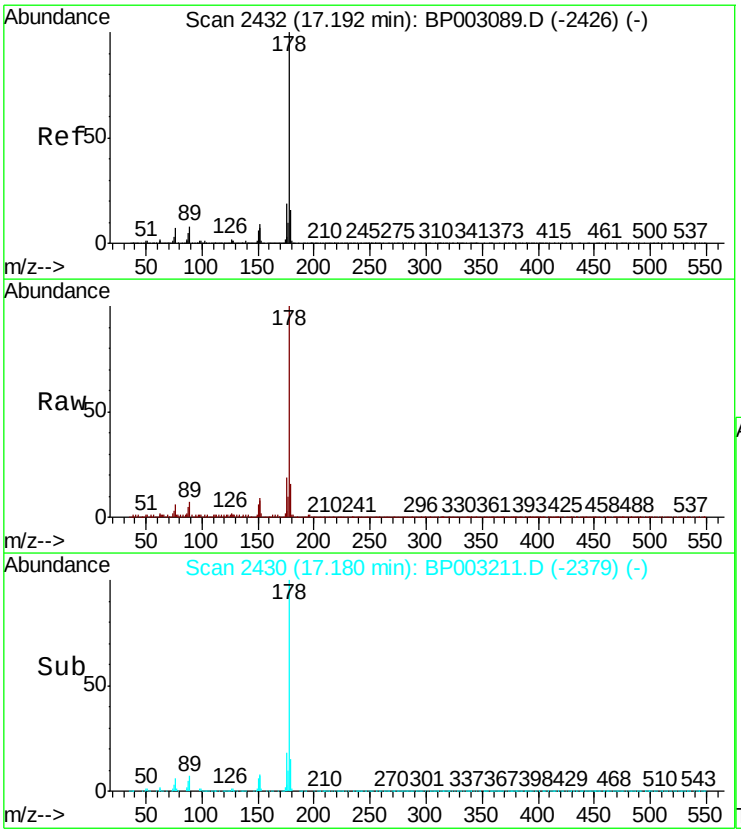
#71
Phenanthrene
Concen: 24.515 ng
RT: 17.09 min Scan# 2415
Delta R.T. 0.01 min
Lab File: BP003211.D
Acq: 04 Sep 2020 14:59

Instrument :
BNA_P
ClientSampleId :
TP-3

Tgt Ion:178 Resp: 1955288

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.3	22.9
179	15.6	12.5	18.7

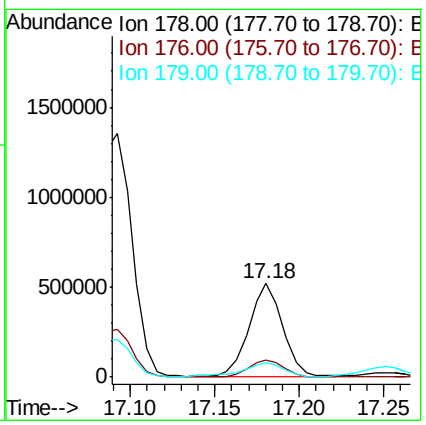


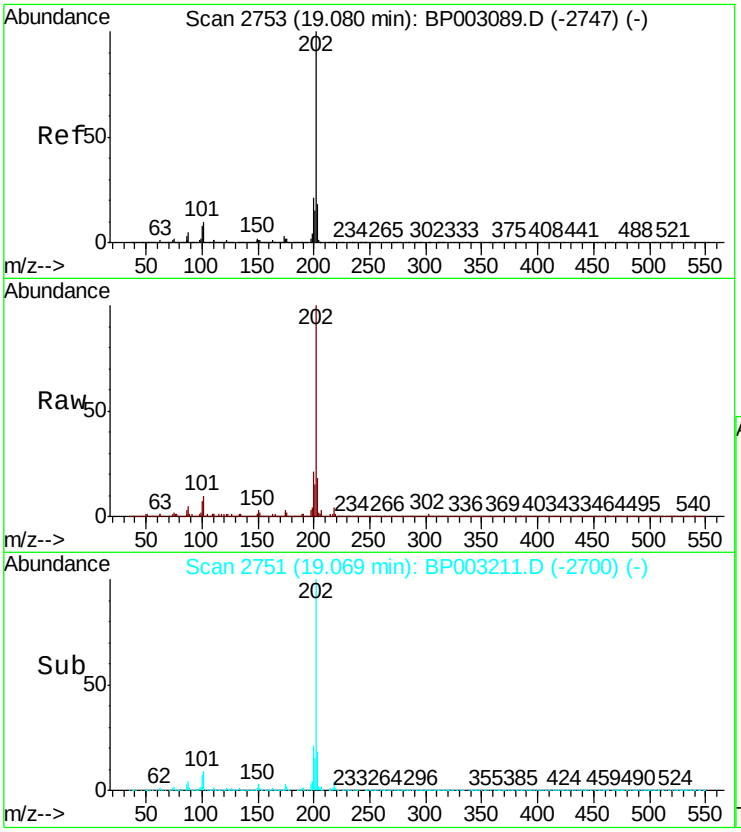


#72
Anthracene
Concen: 9.213 ng
RT: 17.18 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BP003211.D
Acq: 04 Sep 2020 14:59

Tgt Ion:178 Resp: 703254

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	15.7	12.5	18.7



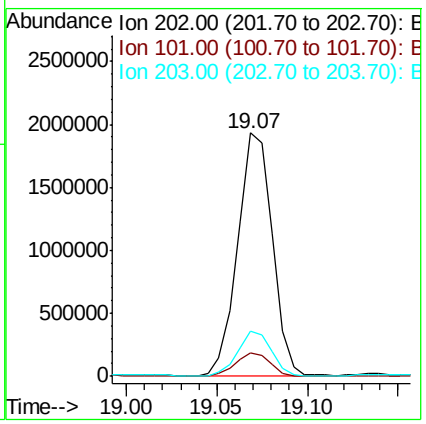


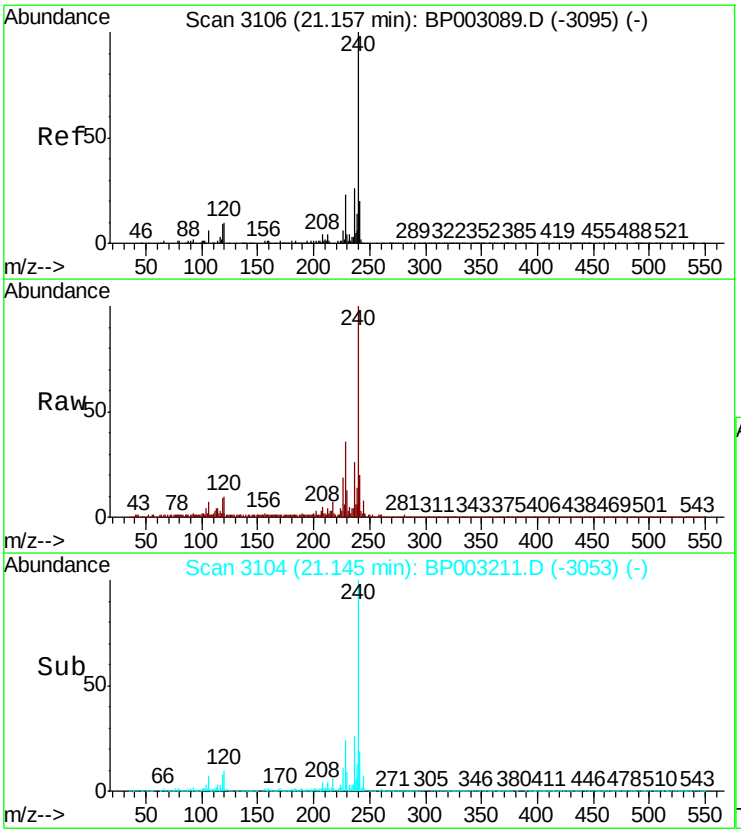
#75
Fluoranthene
Concen: 27.806 ng
RT: 19.07 min Scan# 2751
Delta R.T. -0.00 min
Lab File: BP003211.D
Acq: 04 Sep 2020 14:59

Instrument :
BNA_P
ClientSampleId :
TP-3

Tgt Ion:202 Resp: 2563228

Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	29.4
203	18.3	0.0	37.8

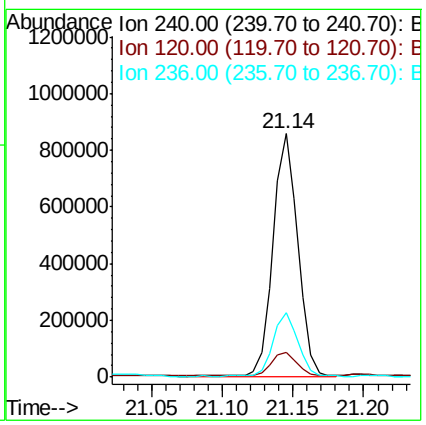


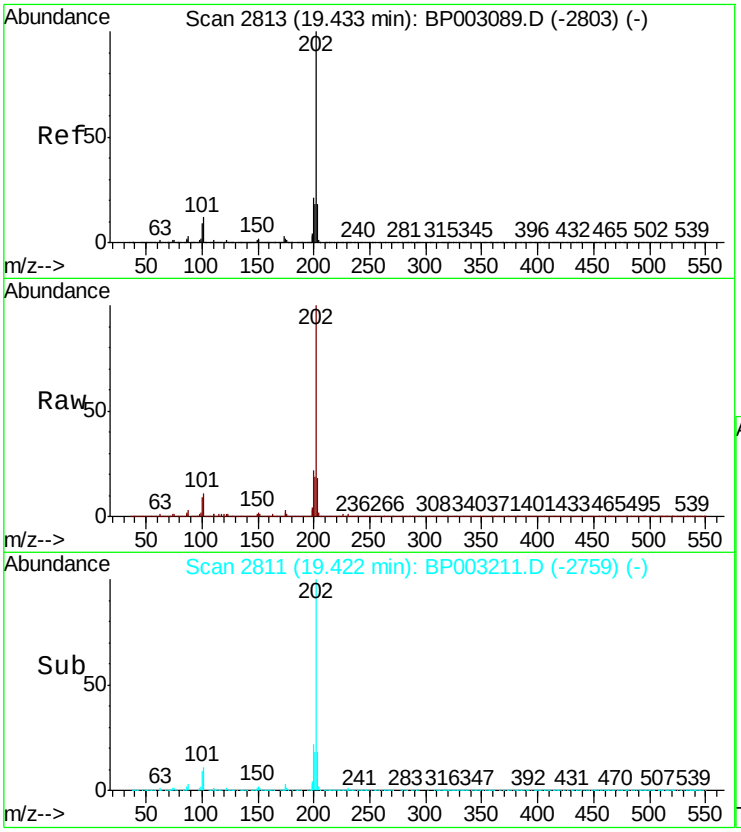


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.14 min Scan# 3104
Delta R.T. -0.00 min
Lab File: BP003211.D
Acq: 04 Sep 2020 14:59

Tgt Ion:240 Resp: 1044735

Ion	Ratio	Lower	Upper
240	100		
120	10.0	7.8	11.6
236	26.5	20.8	31.2



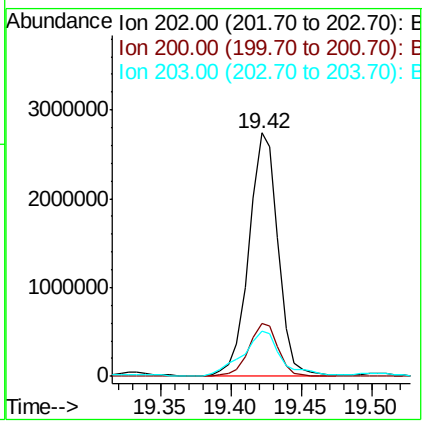


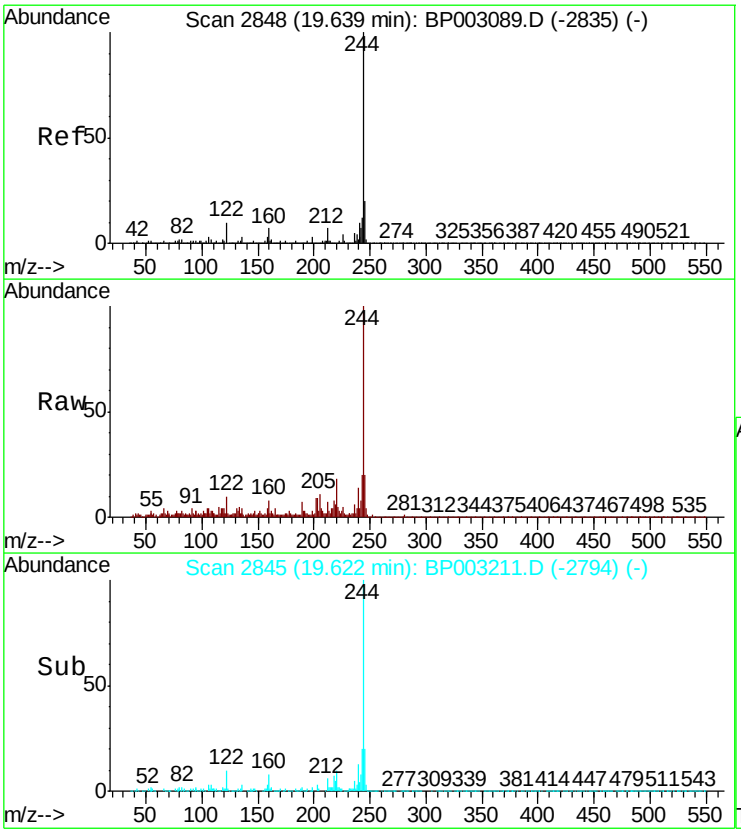
#78
Pyrene
Concen: 58.501 ng
RT: 19.42 min Scan# 2811
Delta R.T. 0.01 min
Lab File: BP003211.D
Acq: 04 Sep 2020 14:59

Instrument :
BNA_P
ClientSampleId :
TP-3

Tgt Ion:202 Resp: 3966712

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.1	25.7
203	18.4	14.2	21.2

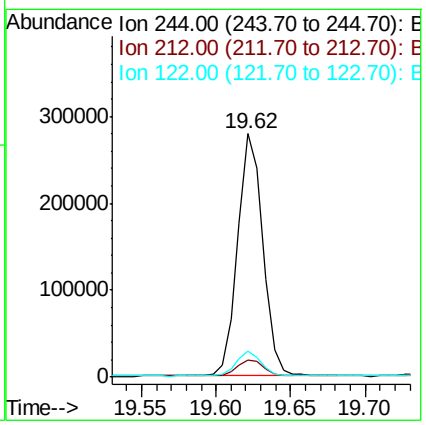


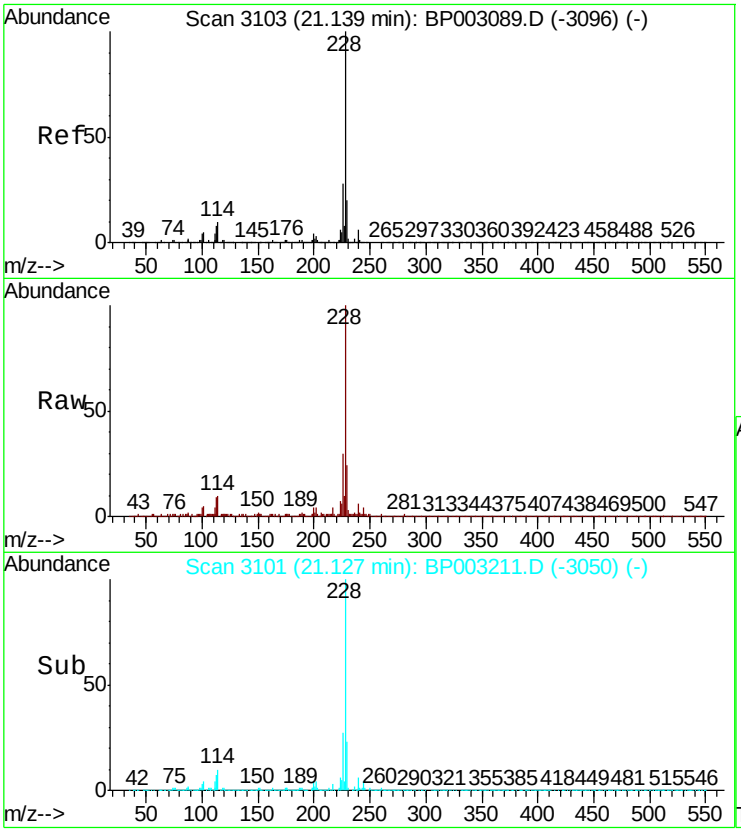


#79
Terphenyl-d14
Concen: 6.892 ng
RT: 19.62 min Scan# 2845
Delta R.T. -0.00 min
Lab File: BP003211.D
Acq: 04 Sep 2020 14:59

Tgt Ion:244 Resp: 327226

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.6
122	10.5	7.8	11.8



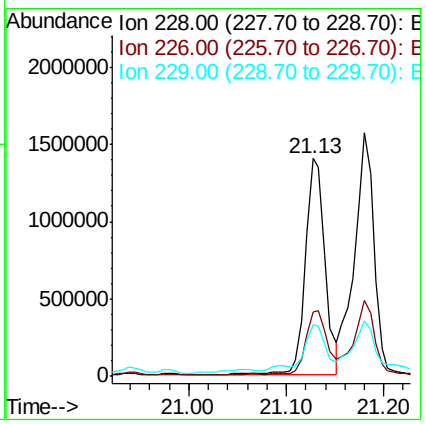


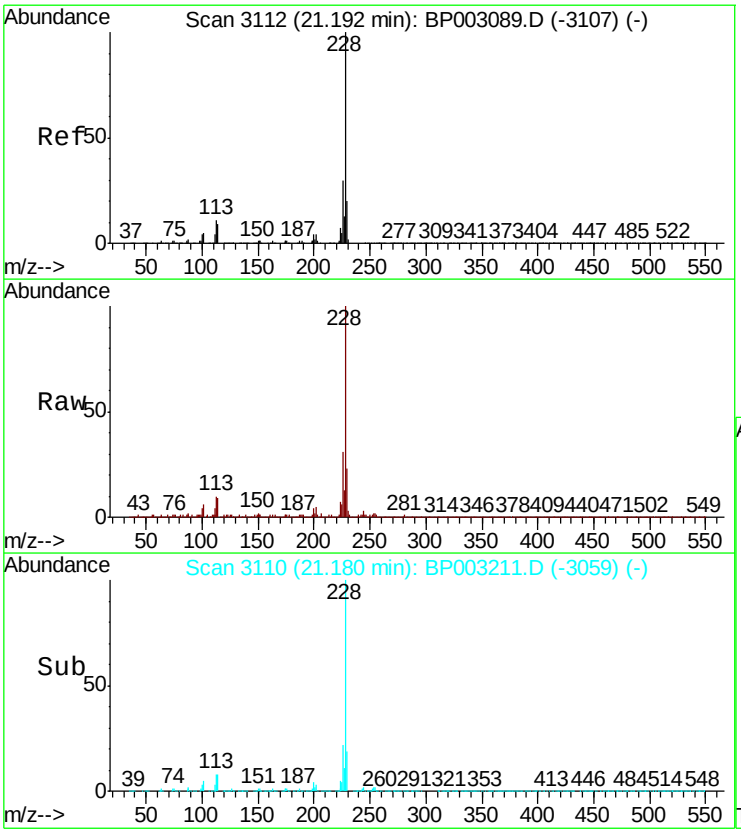
#81
Benzo(a)anthracene
Concen: 29.929 ng
RT: 21.13 min Scan# 3101
Delta R.T. -0.00 min
Lab File: BP003211.D
Acq: 04 Sep 2020 14:59

Instrument :
BNA_P
ClientSampleId :
TP-3

Tgt Ion:228 Resp: 1958589

Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.1	33.1
229	23.8	15.9	23.9

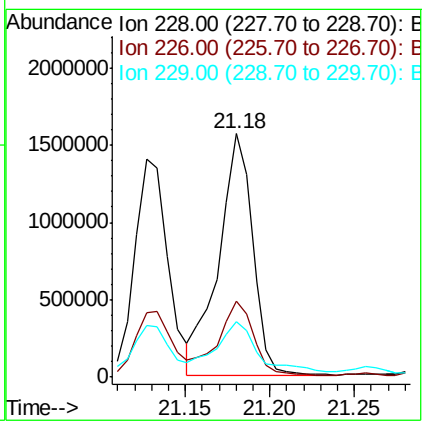


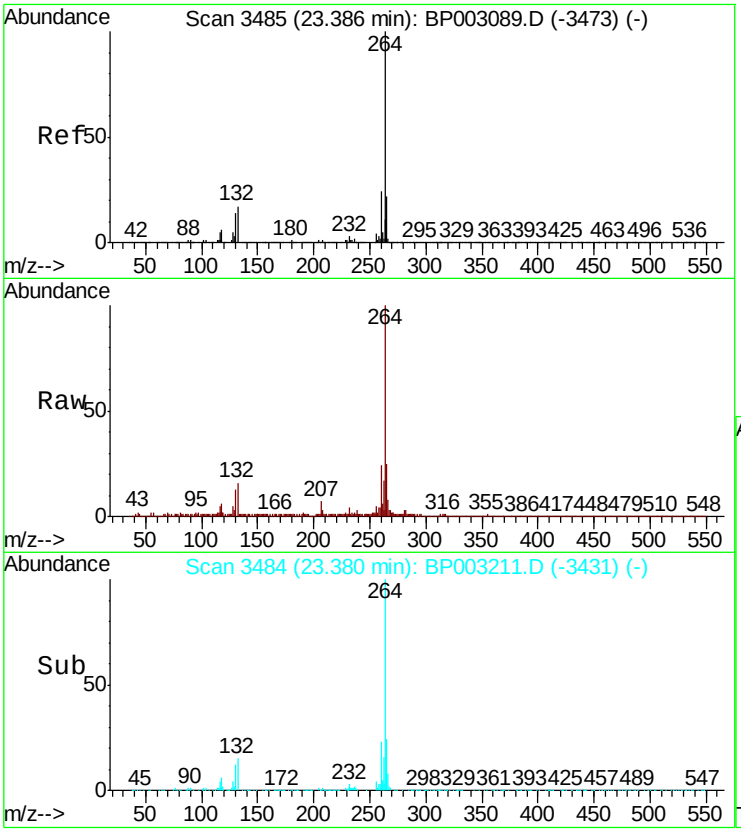


#83
Chrysene
Concen: 34.819 ng
RT: 21.18 min Scan# 3110
Delta R.T. -0.00 min
Lab File: BP003211.D
Acq: 04 Sep 2020 14:59

Tgt Ion:228 Resp: 2181640

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.4	36.6
229	22.8	15.8	23.6



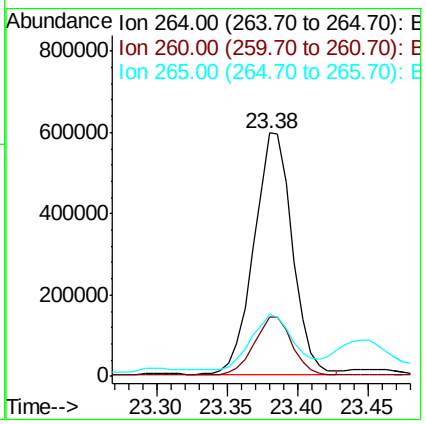


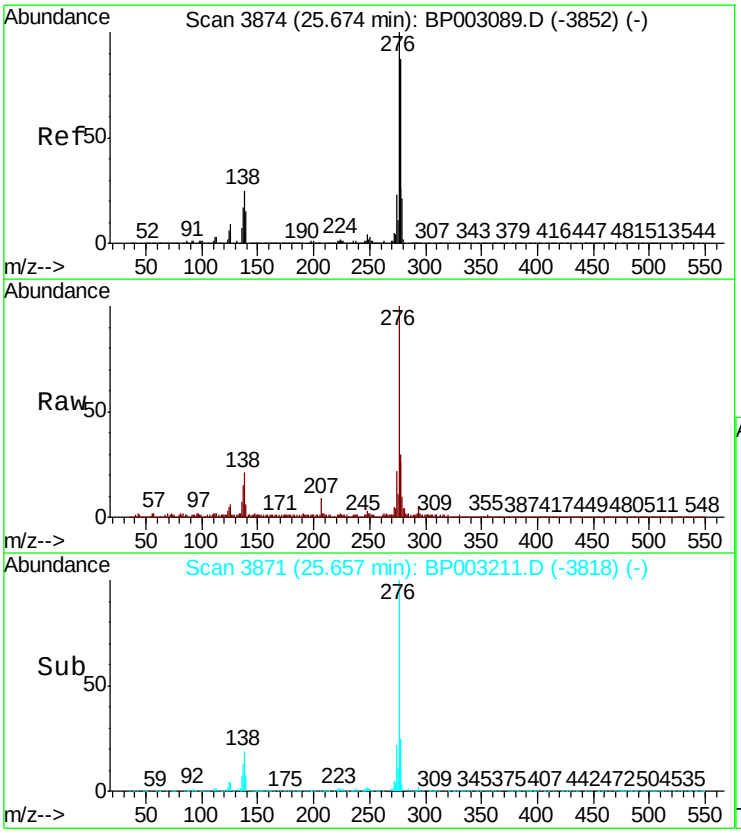
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.38 min Scan# 3484
Delta R.T. 0.01 min
Lab File: BP003211.D
Acq: 04 Sep 2020 14:59

Instrument :
BNA_P
ClientSampleId :
TP-3

Tgt Ion:264 Resp: 1133100

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.8	28.2
265	25.4	17.4	26.2

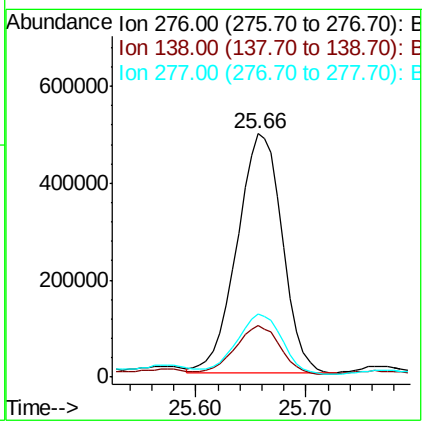


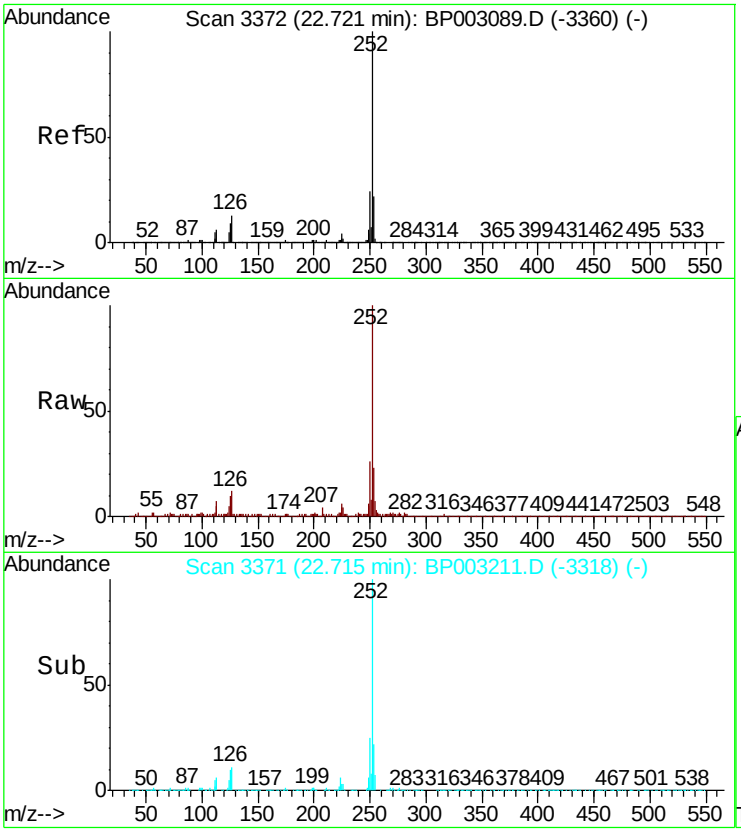


#87
Indeno(1,2,3-cd)pyrene
Concen: 16.688 ng
RT: 25.66 min Scan# 3871
Delta R.T. 0.01 min
Lab File: BP003211.D
Acq: 04 Sep 2020 14:59

Tgt Ion:276 Resp: 1410178

Ion	Ratio	Lower	Upper
276	100		
138	20.7	18.7	28.1
277	25.6	20.4	30.6



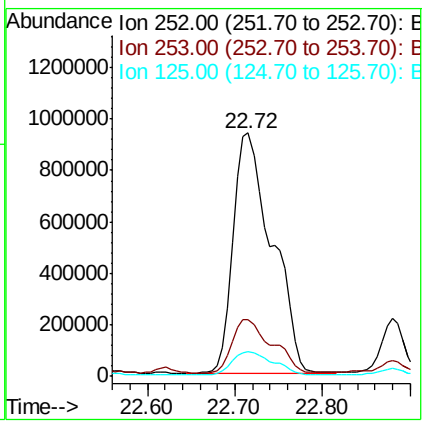


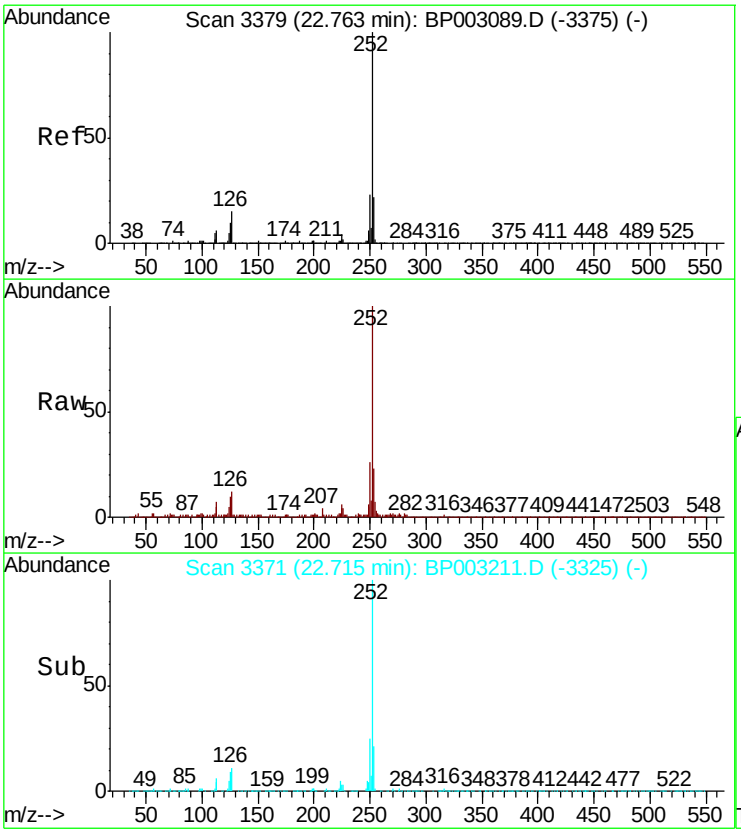
#88
Benzo(b)fluoranthene
Concen: 40.155 ng
RT: 22.72 min Scan# 3371
Delta R.T. 0.01 min
Lab File: BP003211.D
Acq: 04 Sep 2020 14:59

Instrument :
BNA_P
ClientSampleId :
TP-3

Tgt Ion:252 Resp: 2827942

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.6	26.4
125	10.4	7.3	10.9

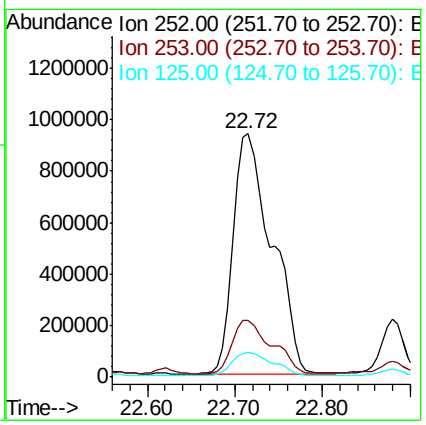


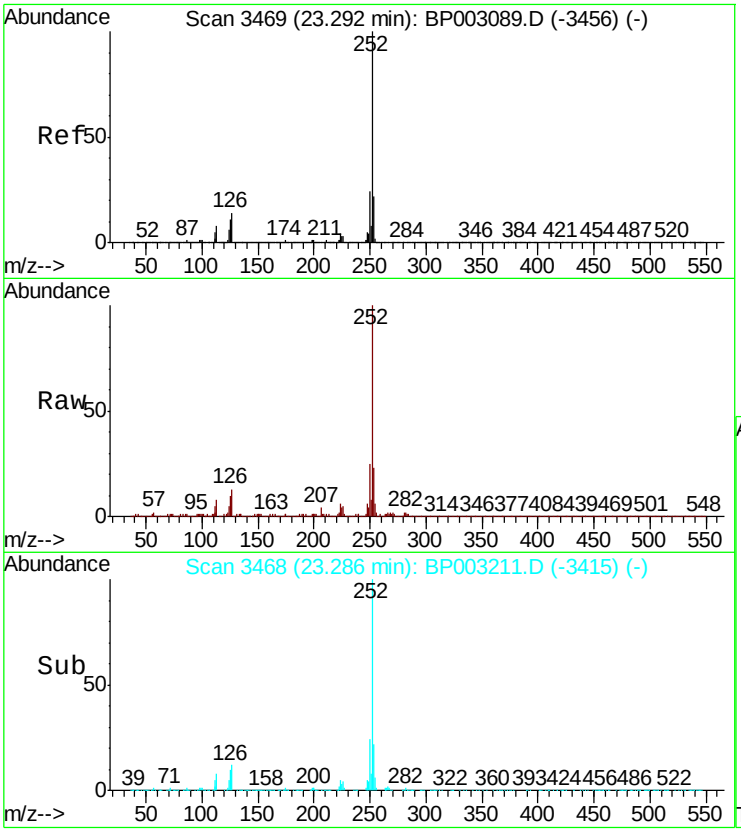


#89
Benzo(k)fluoranthene
Concen: 42.027 ng
RT: 22.72 min Scan# 3371
Delta R.T. -0.03 min
Lab File: BP003211.D
Acq: 04 Sep 2020 14:59

Tgt Ion:252 Resp: 2827942

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.8
125	10.4	7.4	11.2



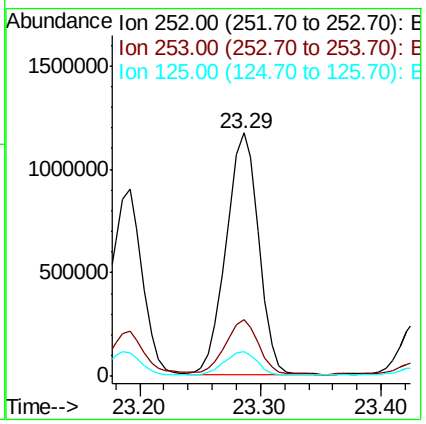


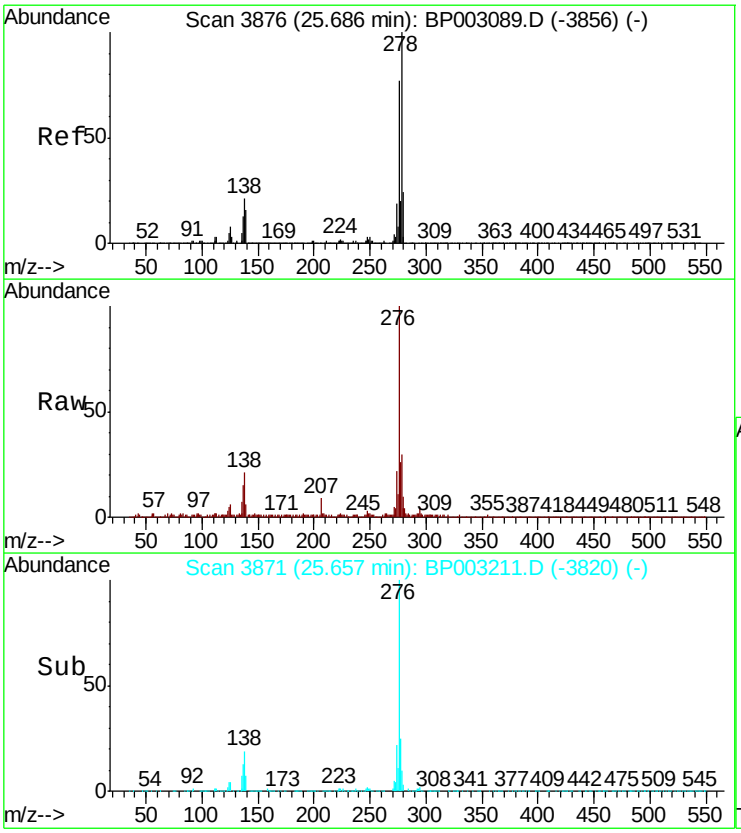
#90
Benzo(a)pyrene
Concen: 33.234 ng
RT: 23.29 min Scan# 3468
Delta R.T. 0.01 min
Lab File: BP003211.D
Acq: 04 Sep 2020 14:59

Instrument :
BNA_P
ClientSampleId :
TP-3

Tgt Ion:252 Resp: 2171350

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.4	26.0
125	10.1	8.2	12.4

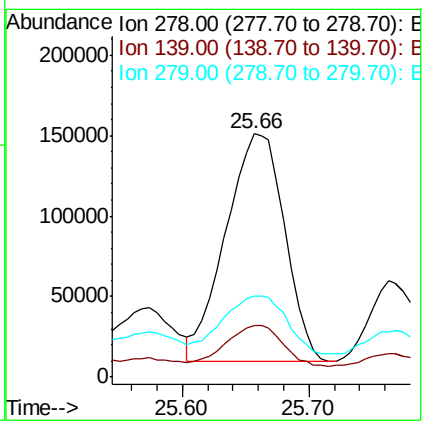


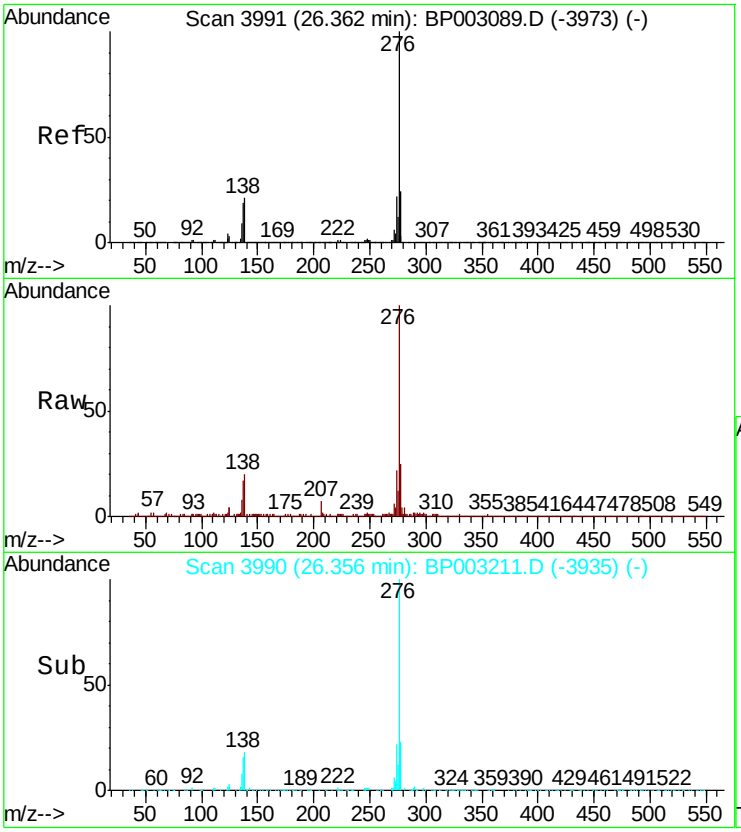


#91
Dibenzo(a,h)anthracene
Concen: 6.590 ng
RT: 25.66 min Scan# 3871
Delta R.T. -0.00 min
Lab File: BP003211.D
Acq: 04 Sep 2020 14:59

Tgt Ion:278 Resp: 457417

Ion	Ratio	Lower	Upper
278	100		
139	21.2	12.4	18.6#
279	33.5	19.0	28.6#





#92
Benzo(g,h,i)perylene
Concen: 26.125 ng
RT: 26.36 min Scan# 3990
Delta R.T. 0.02 min
Lab File: BP003211.D
Acq: 04 Sep 2020 14:59

Instrument :
BNA_P
ClientSampleId :
TP-3

Tgt Ion:276 Resp: 1819916

Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.0	28.6
138	20.3	16.6	24.8