Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091420\
Data File : BP003280.D
Acq On : 14 Sep 2020 21:47
Operator : CG/JU
Sample : L3869-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OR-03-091120

Quant Time: Sep 15 01:38:00 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	7.64	152	239731	20.00	ng		-0.01
21) Naphthalene-d8	10.42	136	958516	20.00	ng		-0.02
39) Acenaphthene-d10	14.28	164	545496	20.00	ng		-0.01
64) Phenanthrene-d10	17.04	188	974477	20.00	ng		0.00
76) Chrysene-d12	21.13	240	846697	20.00	ng		-0.01
86) Perylene-d12	23.37	264	963157	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	423358	31.22	ng		0.00
7) Phenol-d6	6.83	99	520714	30.63	ng		0.00
23) Nitrobenzene-d5	8.79	82	316626	23.81	ng		-0.01
42) 2,4,6-Tribromophenol	15.78	330	217637	29.50	ng		-0.01
45) 2-Fluorobiphenyl	12.90	172	876029	23.52	ng		-0.02
79) Terphenyl-d14	19.62	244	822513	21.38	ng		0.00
Target Compounds							Qvalue
32) Benzoic acid	9.67	122	134	9.009	ng		91
49) Acenaphthylene	14.00	152	154924	3.059	ng		97
54) 2,4-Dinitrophenol	14.37	184	90	7.772	ng	#	1
71) Phenanthrene	17.08	178	283124	5.362	ng		100
72) Anthracene	17.17	178	108620	2.149	ng		98
75) Fluoranthene	19.06	202	440605	7.220	ng		99
78) Pyrene	19.41	202	577425	10.508	ng		99
81) Benzo(a)anthracene	21.17	228	319735	6.029	ng		93
83) Chrysene	21.17	228	319735	6.296	ng		96
87) Indeno(1,2,3-cd)pyrene	25.64	276	165567	2.305	ng		96
88) Benzo(b)fluoranthene	22.70	252	310777	5.191	ng	#	89
89) Benzo(k)fluoranthene	22.70	252	310777	5.434	ng	#	90
90) Benzo(a)pyrene	23.27	252	267500	4.817	ng		94
92) Benzo(g,h,i)perylene	26.33	276	195201	3.297	ng		97

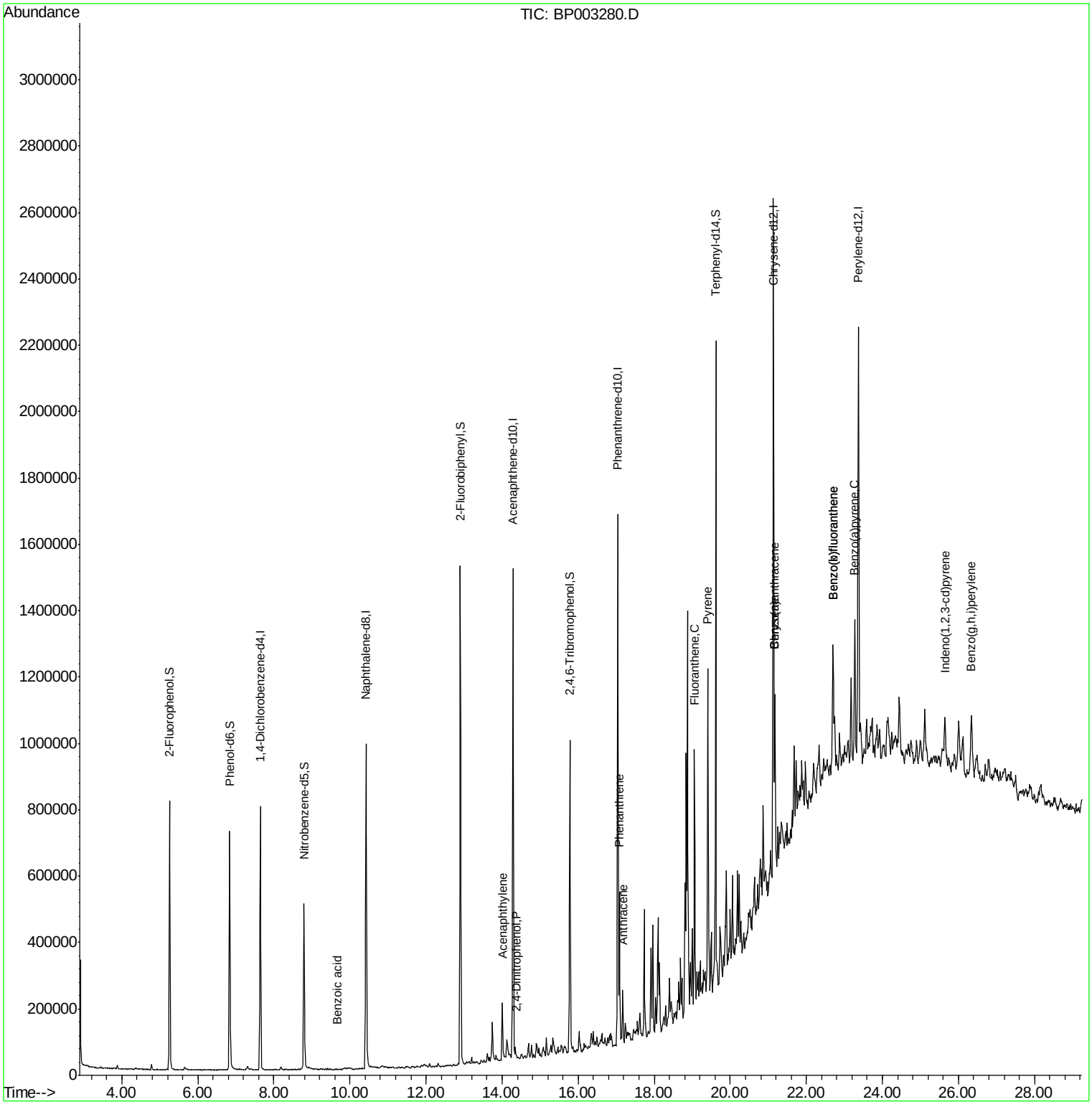
(#) = qualifier out of range (m) = manual integration (+) = signals summed

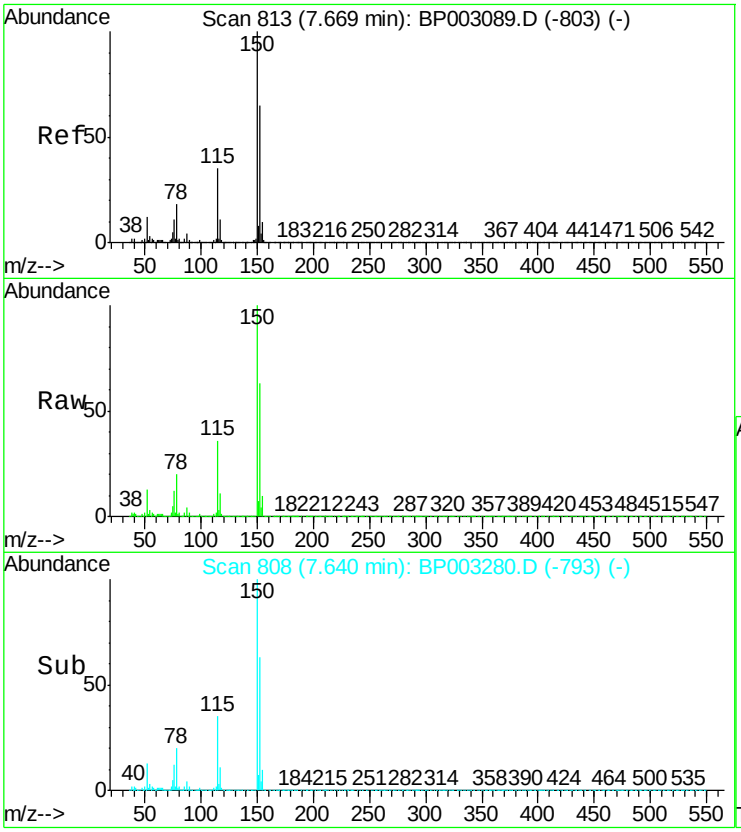
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091420\
Data File : BP003280.D
Acq On : 14 Sep 2020 21:47
Operator : CG/JU
Sample : L3869-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-03-091120

Quant Time: Sep 15 01:38:00 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



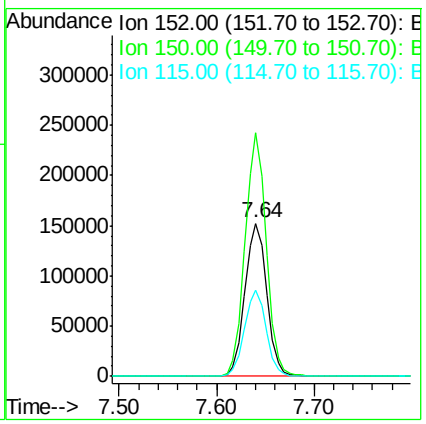


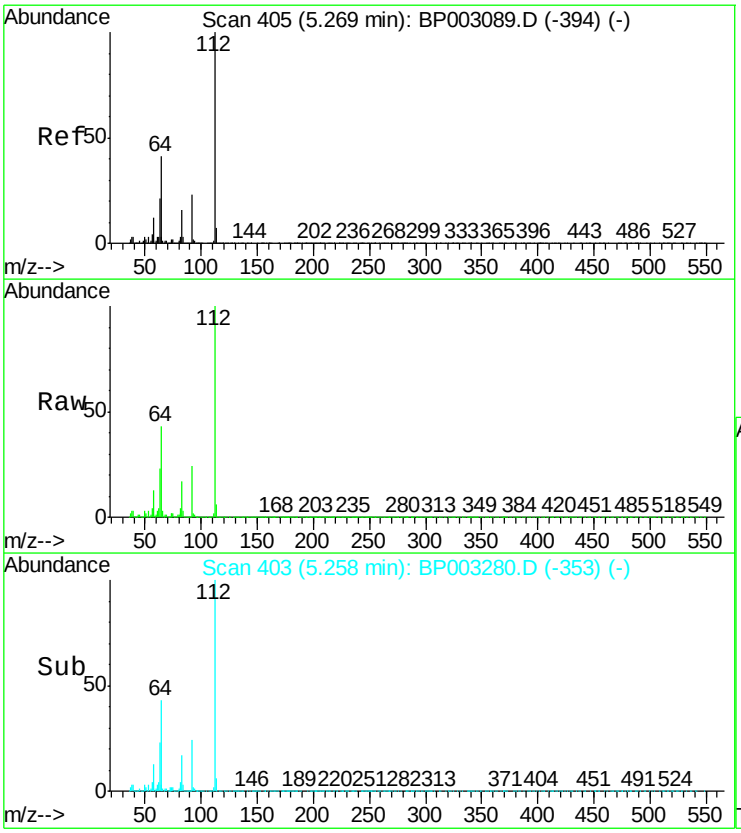
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.64 min Scan# 808
Delta R.T. -0.01 min
Lab File: BP003280.D
Acq: 14 Sep 2020 21:47

Instrument :
BNA_P
ClientSampleId :
OR-03-091120

Tgt Ion:152 Resp: 239731

Ion	Ratio	Lower	Upper
152	100		
150	159.4	123.8	185.6
115	56.6	43.8	65.6

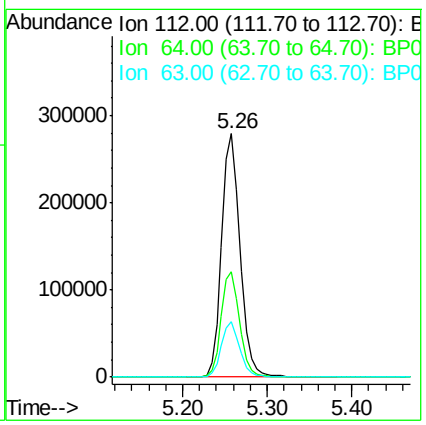


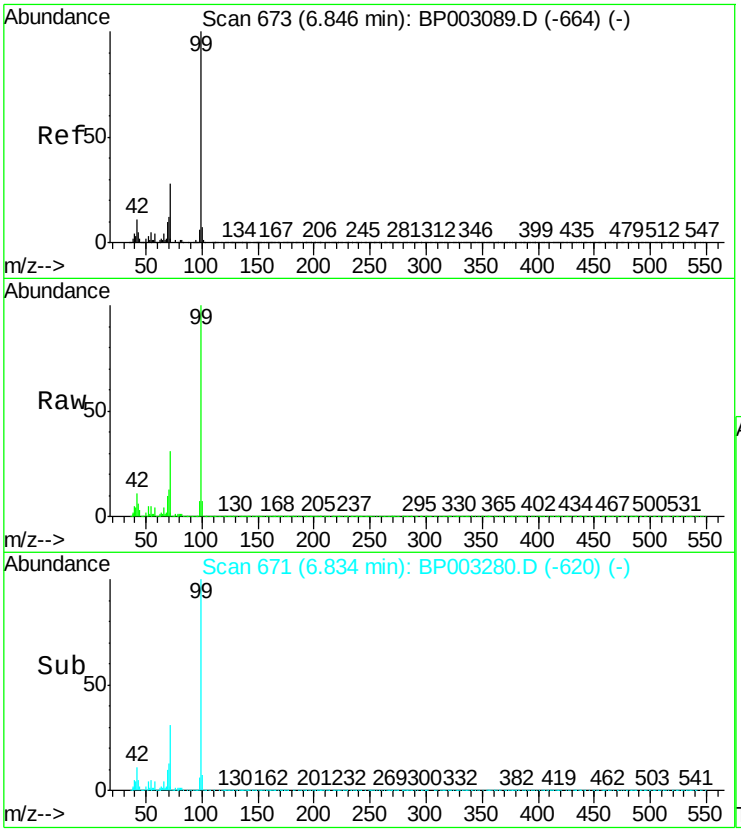


#5
2-Fluorophenol
Concen: 31.223 ng
RT: 5.26 min Scan# 403
Delta R.T. -0.01 min
Lab File: BP003280.D
Acq: 14 Sep 2020 21:47

Tgt Ion:112 Resp: 423358

Ion	Ratio	Lower	Upper
112	100		
64	43.5	32.8	49.2
63	22.6	17.0	25.4



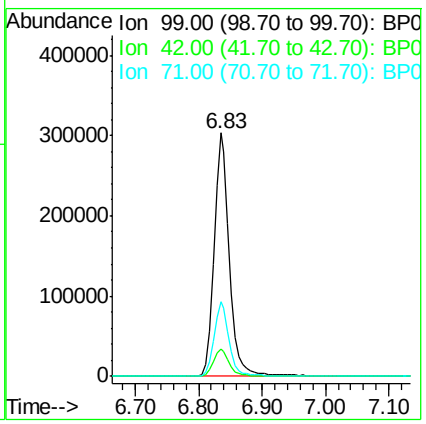


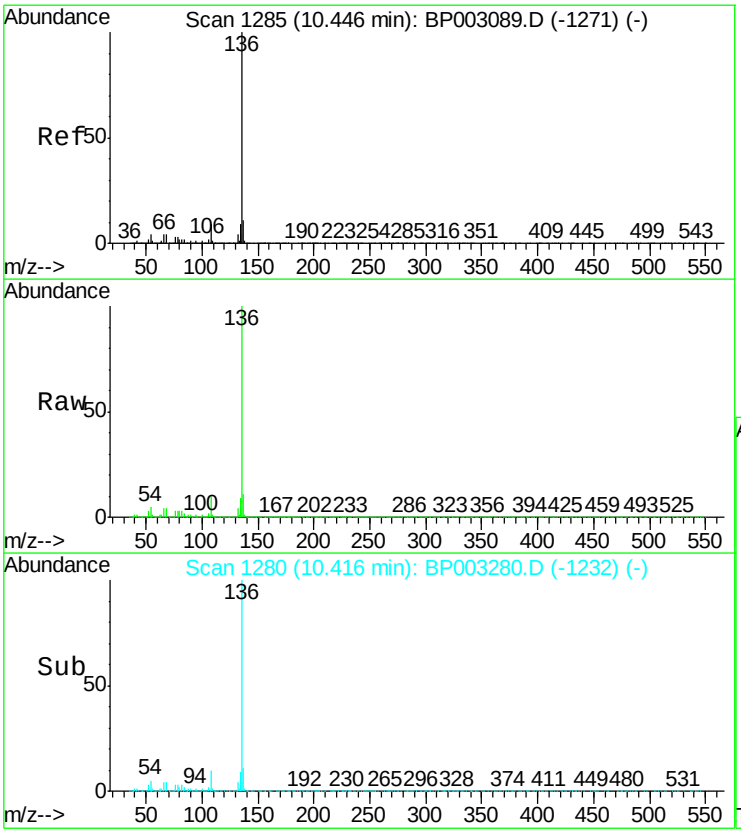
#7
Phenol-d6
Concen: 30.635 ng
RT: 6.83 min Scan# 671
Delta R.T. 0.00 min
Lab File: BP003280.D
Acq: 14 Sep 2020 21:47

Instrument :
BNA_P
ClientSampleId :
OR-03-091120

Tgt Ion: 99 Resp: 520714

Ion	Ratio	Lower	Upper
99	100		
42	11.5	8.6	13.0
71	30.8	23.4	35.2

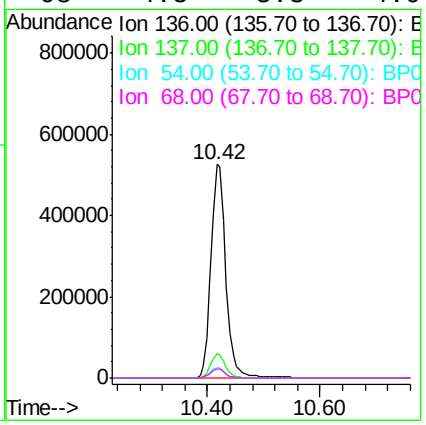


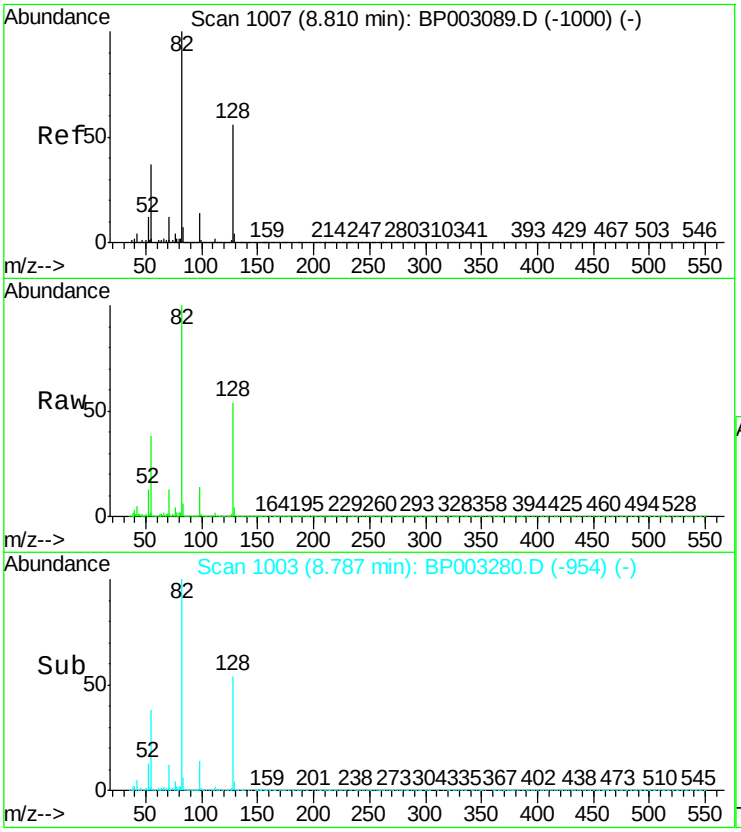


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.42 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BP003280.D
Acq: 14 Sep 2020 21:47

Tgt Ion:136 Resp: 958516

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	4.8	3.6	5.4
68	4.5	3.3	4.9



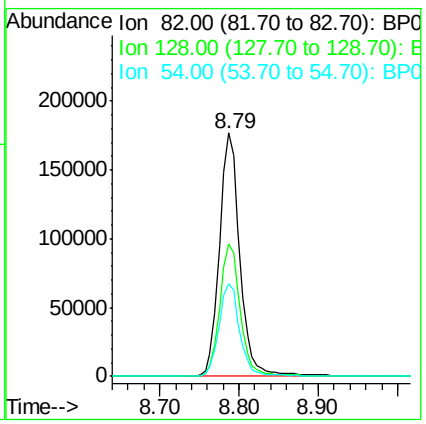


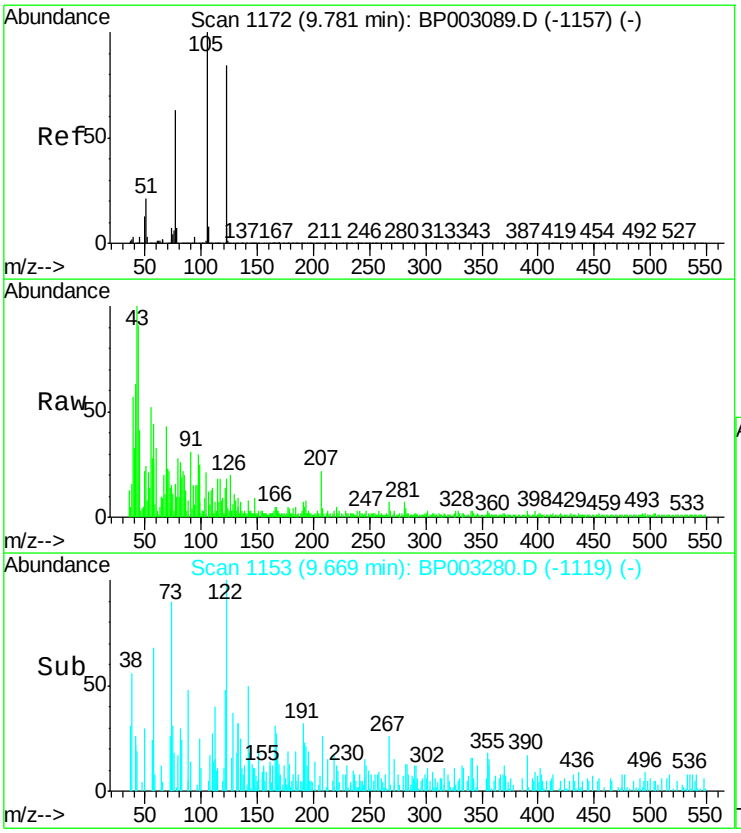
#23
Nitrobenzene-d5
Concen: 23.814 ng
RT: 8.79 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BP003280.D
Acq: 14 Sep 2020 21:47

Instrument :
BNA_P
ClientSampleId :
OR-03-091120

Tgt Ion: 82 Resp: 316626

Ion	Ratio	Lower	Upper
82	100		
128	54.4	45.6	68.4
54	37.8	30.1	45.1

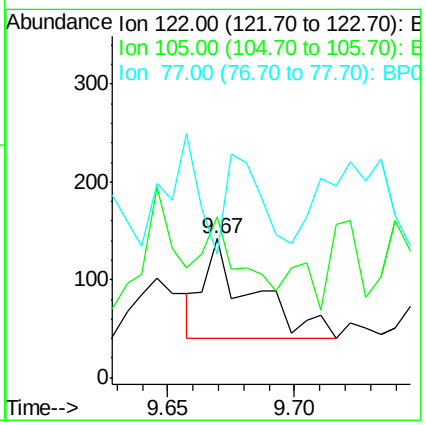


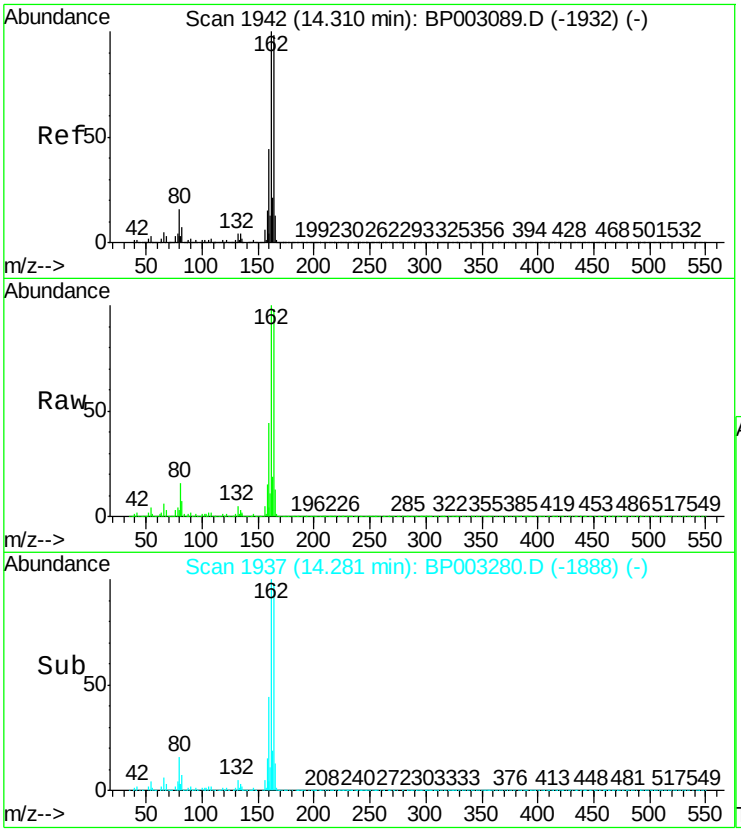


#32
Benzoic acid
Concen: 9.009 ng
RT: 9.67 min Scan# 1153
Delta R.T. -0.10 min
Lab File: BP003280.D
Acq: 14 Sep 2020 21:47

Tgt Ion:122 Resp: 134

Ion	Ratio	Lower	Upper
122	100		
105	115.5	94.1	134.1
77	88.7	50.1	90.1



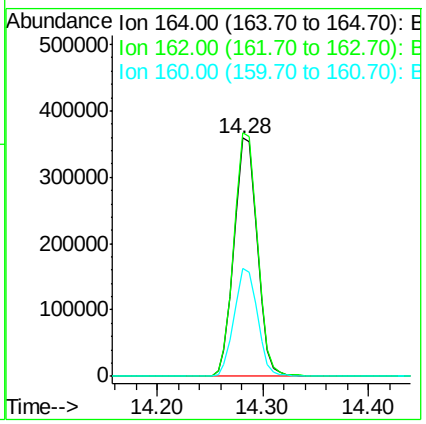


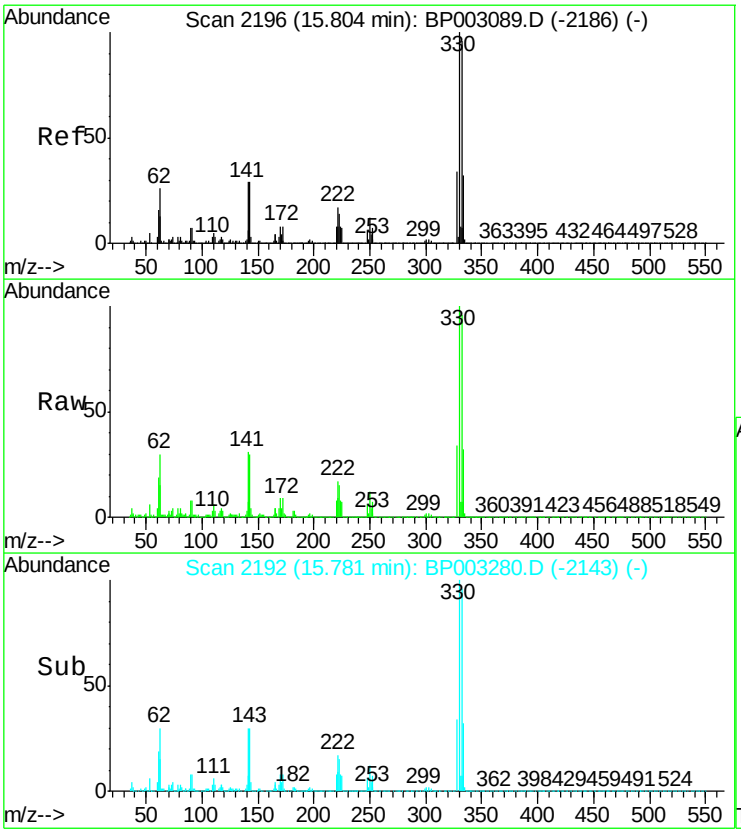
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.28 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BP003280.D
Acq: 14 Sep 2020 21:47

Instrument :
BNA_P
ClientSampleId :
OR-03-091120

Tgt Ion:164 Resp: 545496

Ion	Ratio	Lower	Upper
164	100		
162	102.3	79.4	119.2
160	45.1	36.1	54.1

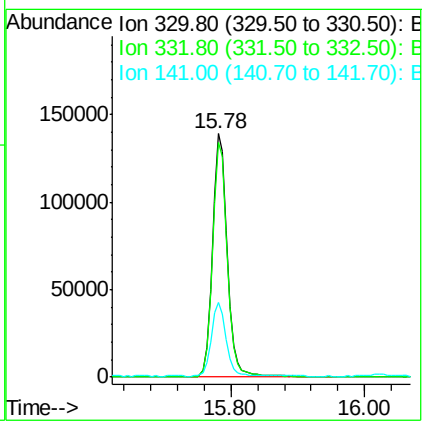


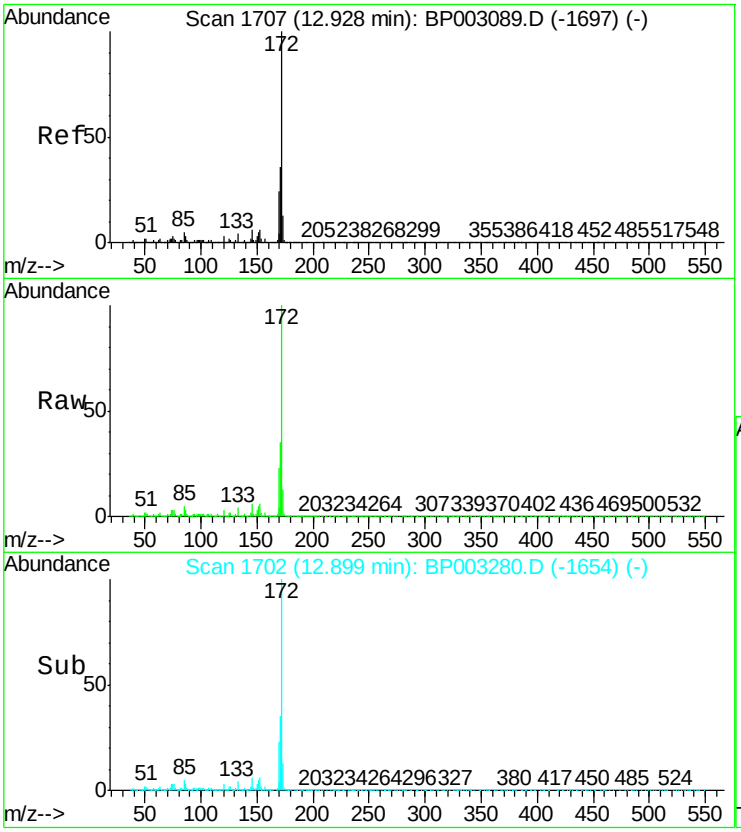


#42
2,4,6-Tribromophenol
Concen: 29.499 ng
RT: 15.78 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BP003280.D
Acq: 14 Sep 2020 21:47

Tgt Ion:330 Resp: 217637

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.1	115.7
141	30.0	23.4	35.2



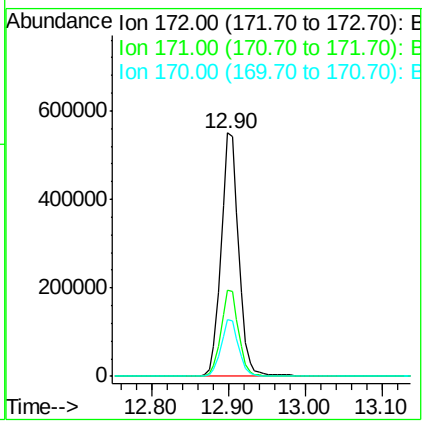


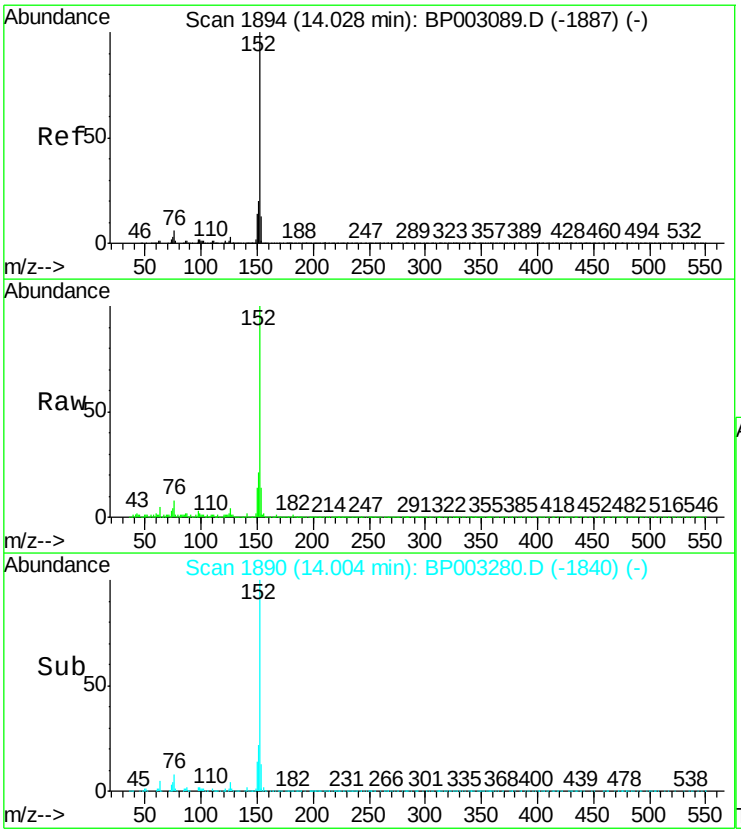
#45
2-Fluorobiphenyl
Concen: 23.518 ng
RT: 12.90 min Scan# 1702
Delta R.T. -0.02 min
Lab File: BP003280.D
Acq: 14 Sep 2020 21:47

Instrument :
BNA_P
ClientSampleId :
OR-03-091120

Tgt Ion:172 Resp: 876029

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.5	42.7
170	23.4	19.2	28.8

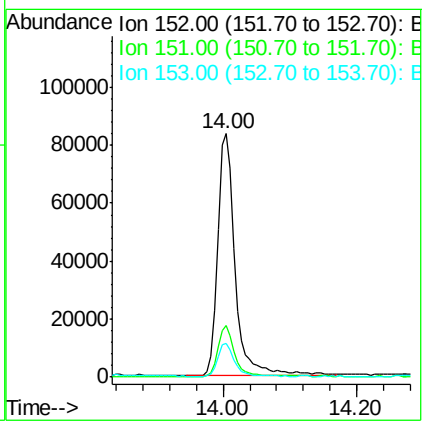


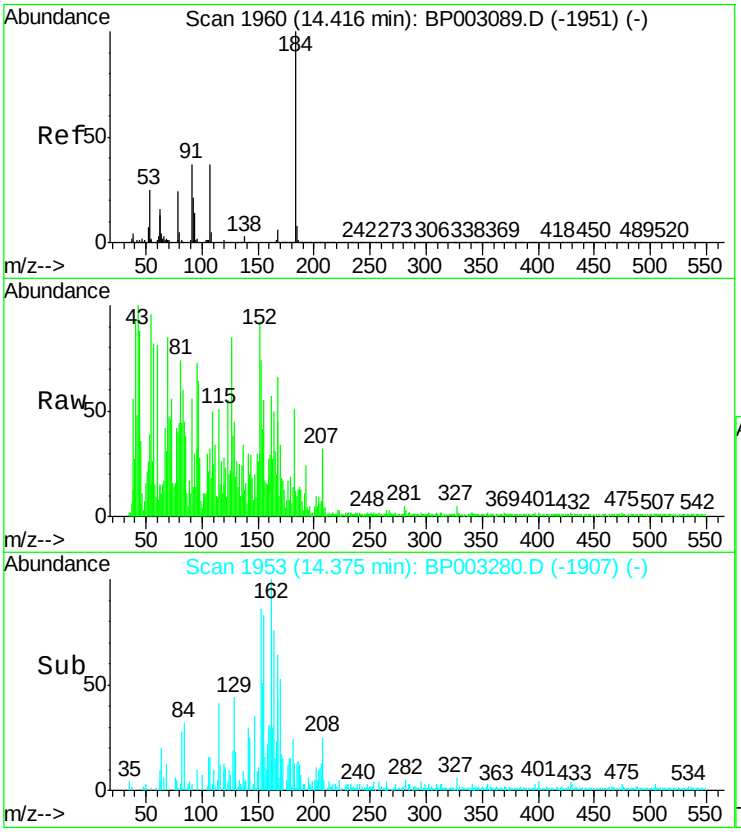


#49
Acenaphthylene
Concen: 3.059 ng
RT: 14.00 min Scan# 1890
Delta R.T. -0.01 min
Lab File: BP003280.D
Acq: 14 Sep 2020 21:47

Tgt Ion:152 Resp: 154924

Ion	Ratio	Lower	Upper
152	100		
151	21.4	15.9	23.9
153	13.8	10.5	15.7



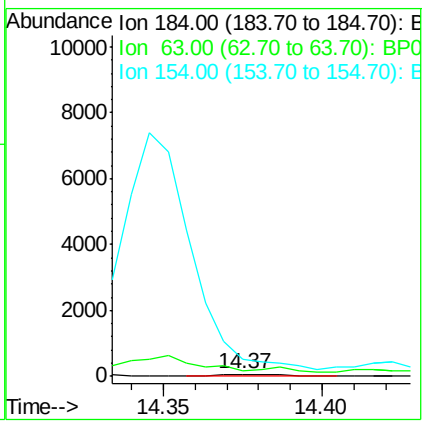


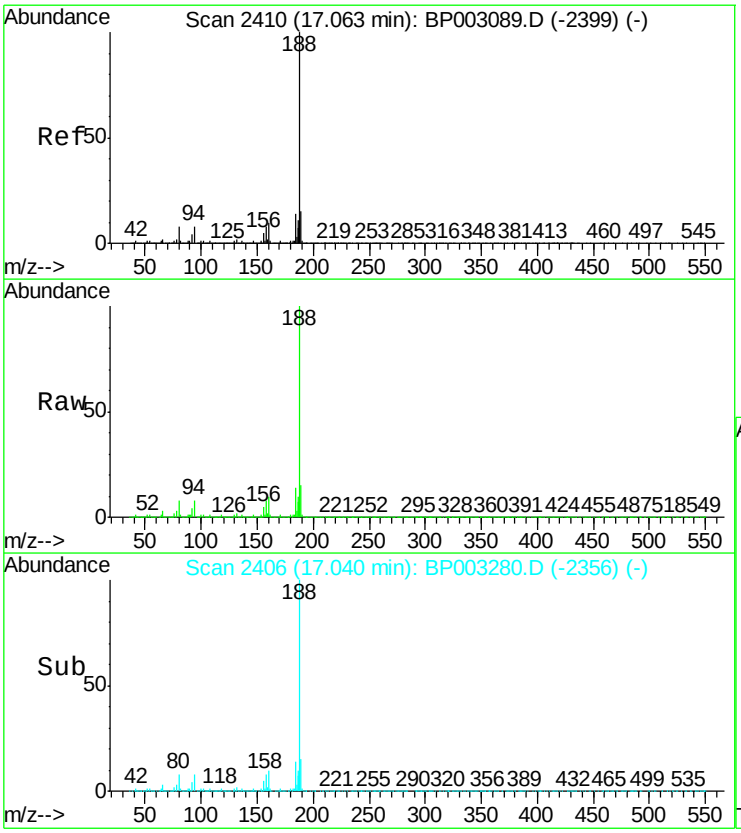
#54
2,4-Dinitrophenol
Concen: 7.772 ng
RT: 14.37 min Scan# 1953
Delta R.T. -0.03 min
Lab File: BP003280.D
Acq: 14 Sep 2020 21:47

Instrument :
BNA_P
ClientSampleId :
OR-03-091120

Tgt Ion:184 Resp: 90

Ion	Ratio	Lower	Upper
184	100		
63	300.0	32.3	48.5#
154	819.4	49.1	73.7#

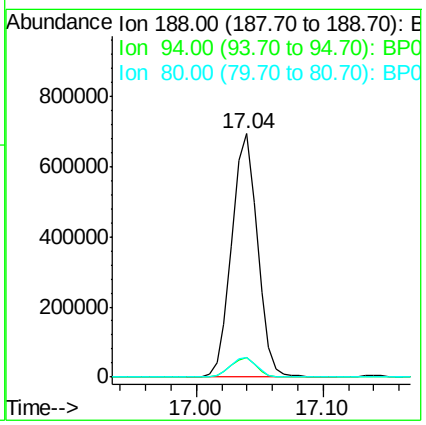


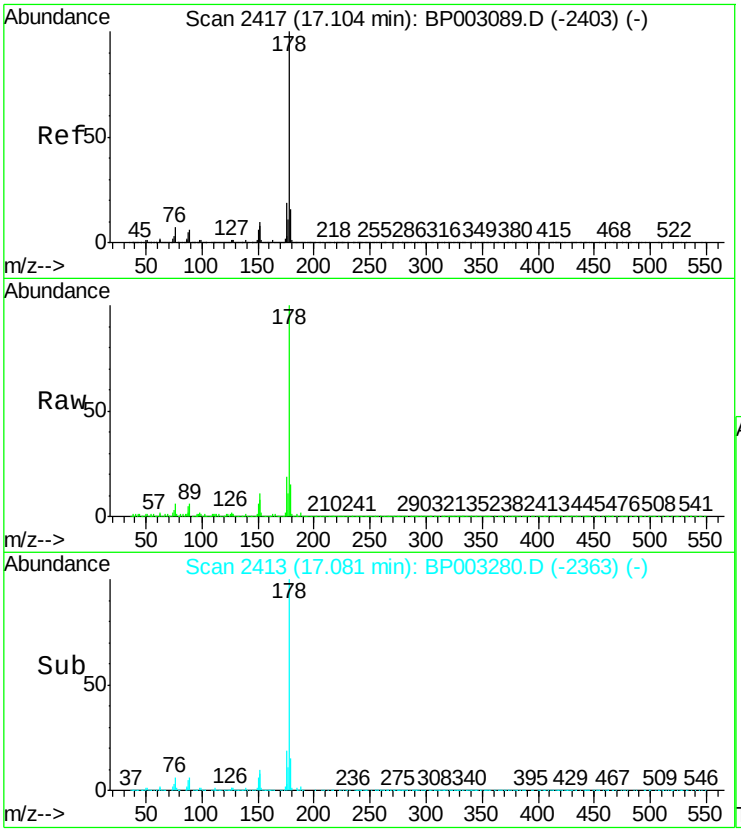


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.04 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BP003280.D
Acq: 14 Sep 2020 21:47

Tgt Ion:188 Resp: 974477

Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.2	9.2
80	8.1	6.2	9.2



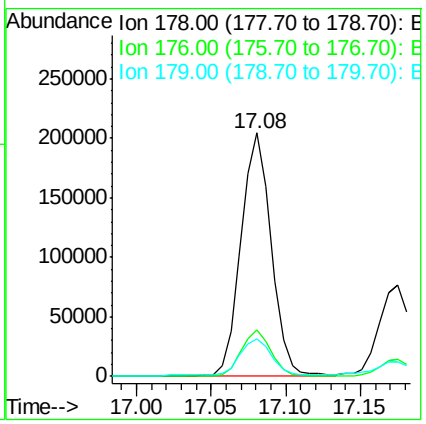


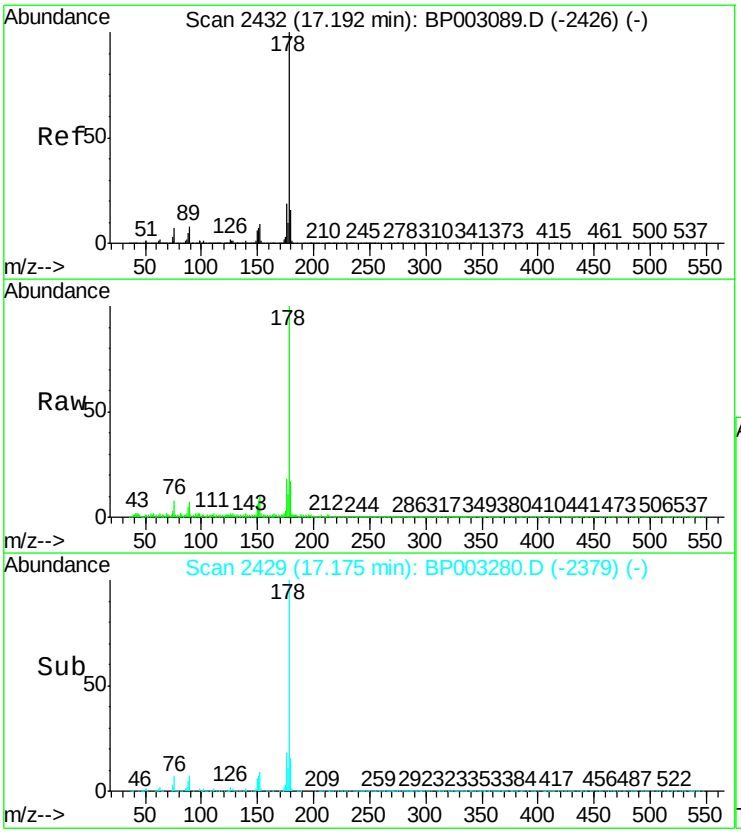
#71
Phenanthrene
Concen: 5.362 ng
RT: 17.08 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BP003280.D
Acq: 14 Sep 2020 21:47

Instrument :
BNA_P
ClientSampleId :
OR-03-091120

Tgt Ion:178 Resp: 283124

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.2	12.5	18.7

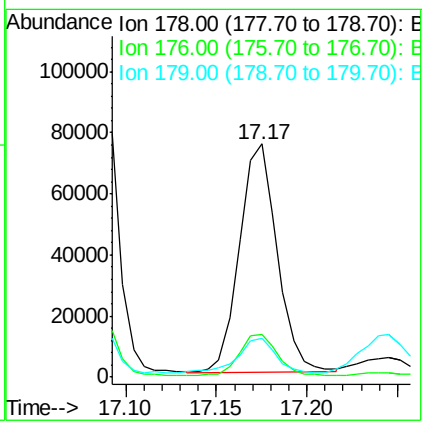


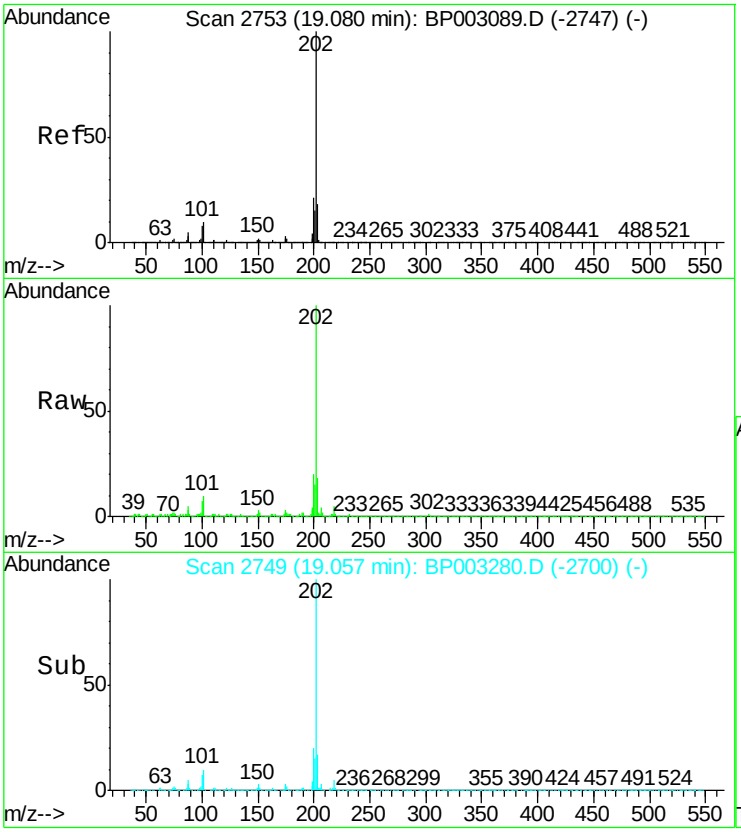


#72
Anthracene
Concen: 2.149 ng
RT: 17.17 min Scan# 2429
Delta R.T. -0.01 min
Lab File: BP003280.D
Acq: 14 Sep 2020 21:47

Tgt Ion:178 Resp: 108620

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.0	22.4
179	16.6	12.5	18.7



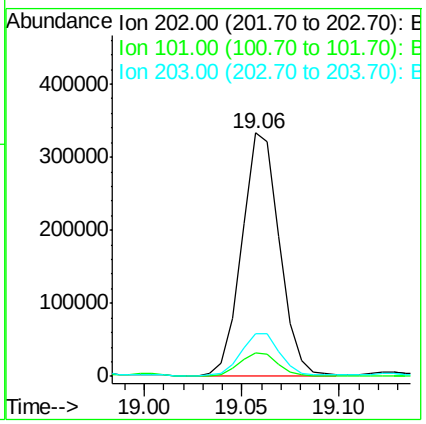


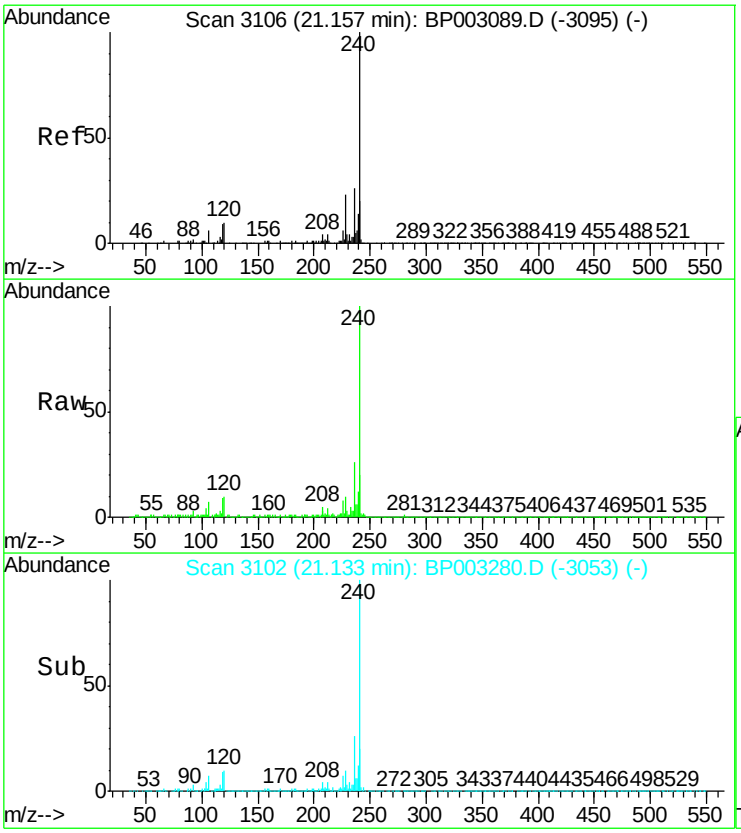
#75
Fluoranthene
Concen: 7.220 ng
RT: 19.06 min Scan# 2749
Delta R.T. -0.01 min
Lab File: BP003280.D
Acq: 14 Sep 2020 21:47

Instrument :
BNA_P
ClientSampleId :
OR-03-091120

Tgt Ion:202 Resp: 440605

Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	29.4
203	17.7	0.0	37.8

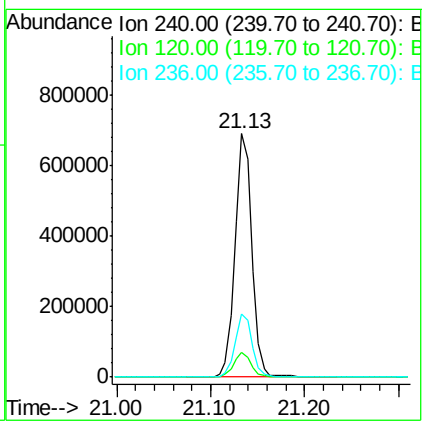


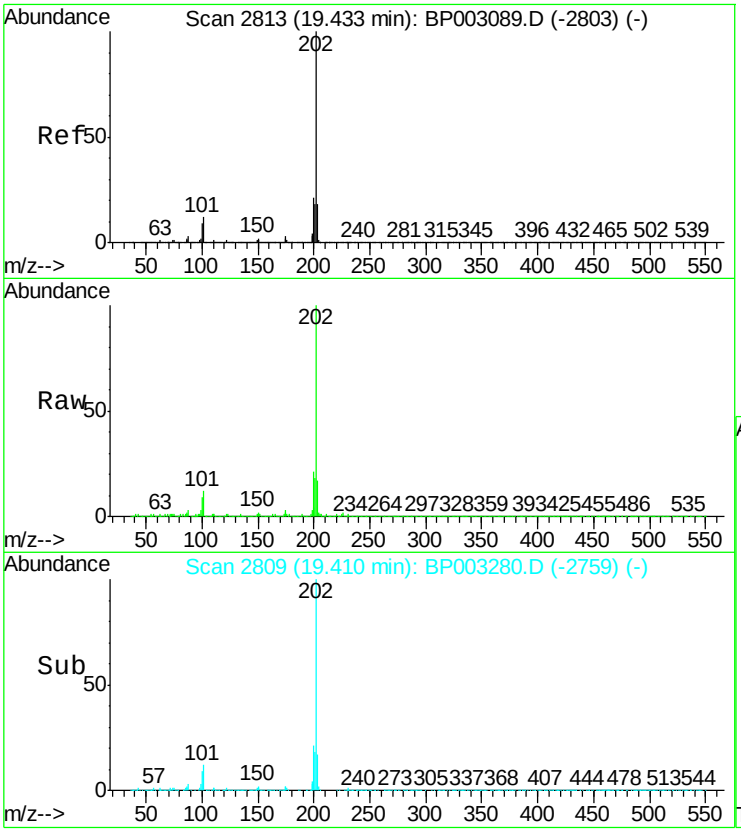


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.13 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BP003280.D
Acq: 14 Sep 2020 21:47

Tgt Ion:240 Resp: 846697

Ion	Ratio	Lower	Upper
240	100		
120	10.2	7.8	11.6
236	26.0	20.8	31.2



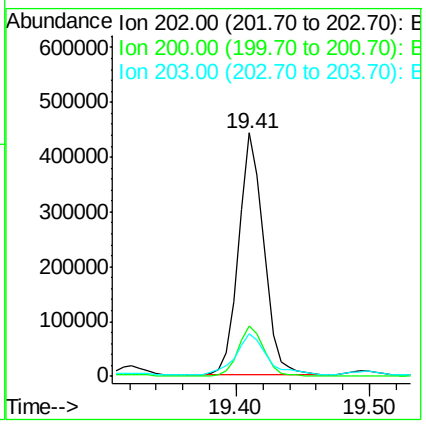


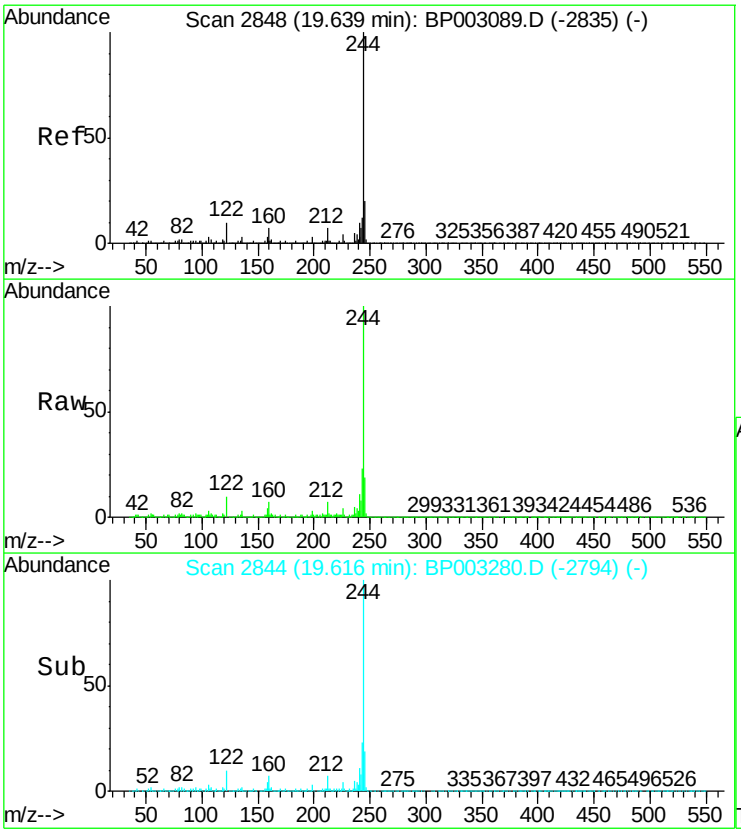
#78
Pyrene
Concen: 10.508 ng
RT: 19.41 min Scan# 2809
Delta R.T. -0.01 min
Lab File: BP003280.D
Acq: 14 Sep 2020 21:47

Instrument :
BNA_P
ClientSampleId :
OR-03-091120

Tgt Ion:202 Resp: 577425

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.1	25.7
203	17.4	14.2	21.2

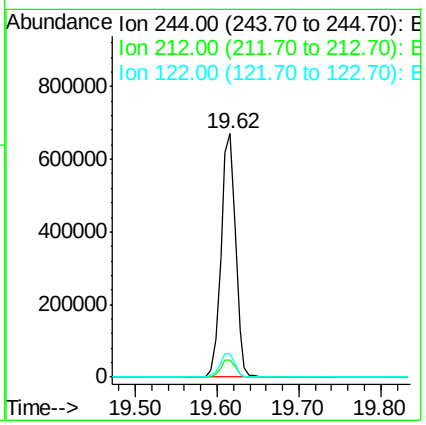


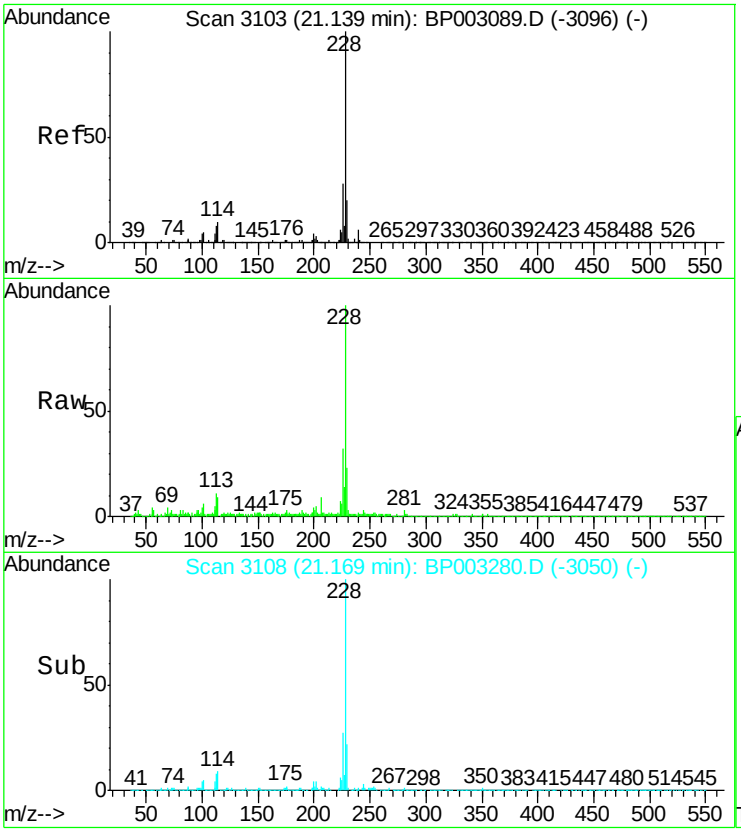


#79
Terphenyl-d14
Concen: 21.376 ng
RT: 19.62 min Scan# 2844
Delta R.T. -0.01 min
Lab File: BP003280.D
Acq: 14 Sep 2020 21:47

Tgt Ion:244 Resp: 822513

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	9.6	7.8	11.8



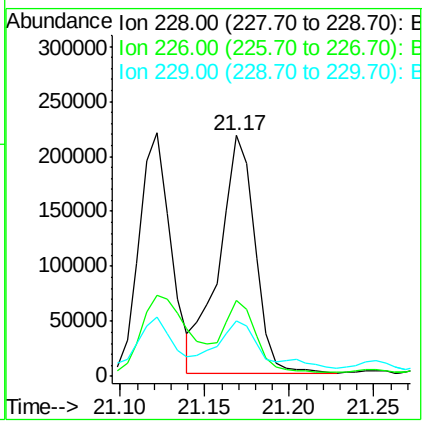


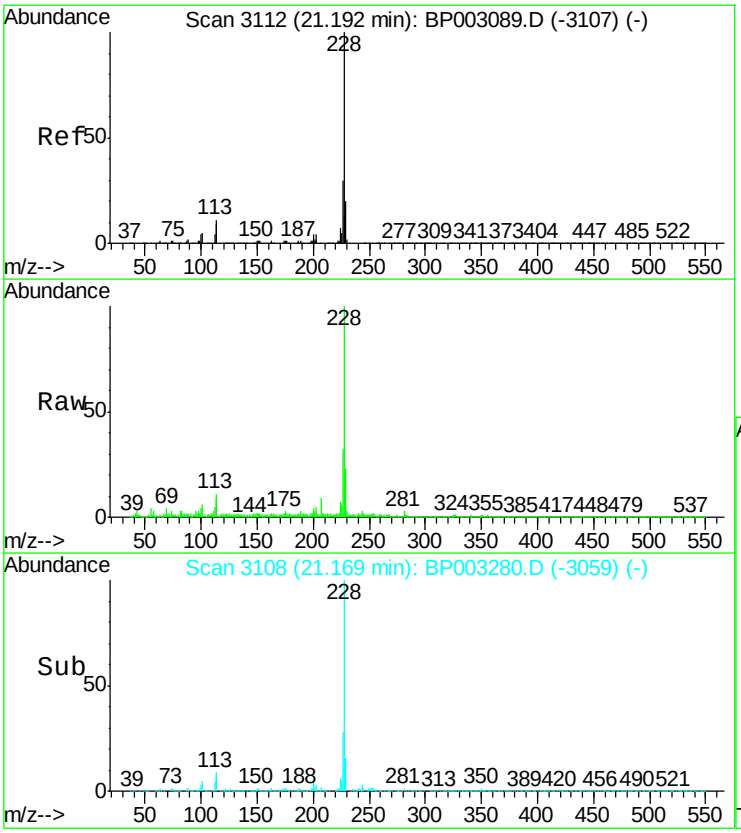
#81
Benzo(a)anthracene
Concen: 6.029 ng
RT: 21.17 min Scan# 3108
Delta R.T. 0.04 min
Lab File: BP003280.D
Acq: 14 Sep 2020 21:47

Instrument :
BNA_P
ClientSampleId :
OR-03-091120

Tgt Ion:228 Resp: 319735

Ion	Ratio	Lower	Upper
228	100		
226	31.6	22.1	33.1
229	23.2	15.9	23.9

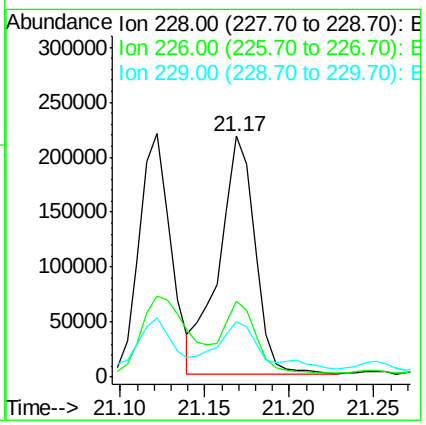


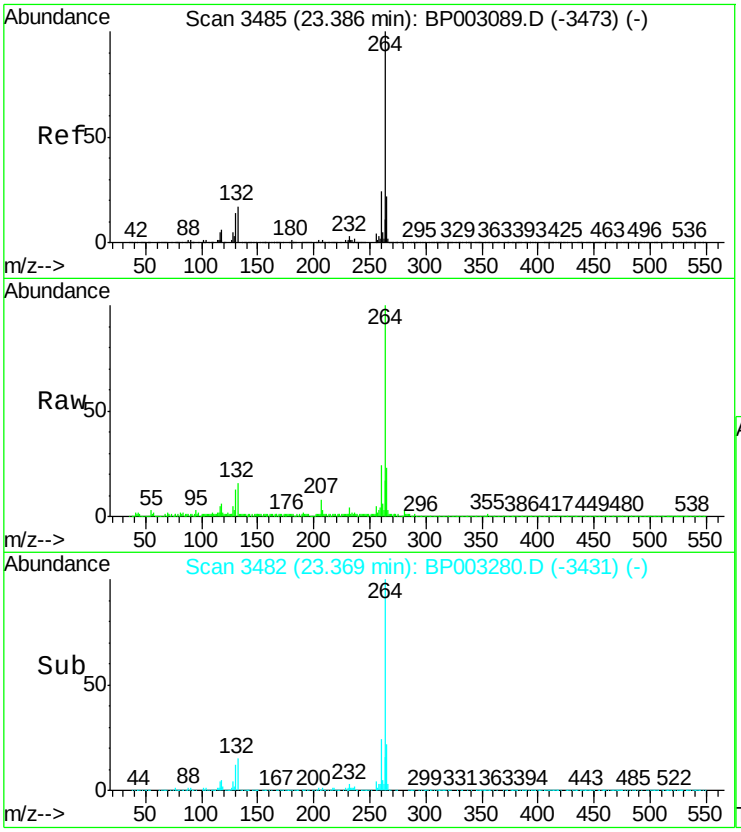


#83
Chrysene
Concen: 6.296 ng
RT: 21.17 min Scan# 3108
Delta R.T. -0.01 min
Lab File: BP003280.D
Acq: 14 Sep 2020 21:47

Tgt Ion:228 Resp: 319735

Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.4	36.6
229	23.2	15.8	23.6



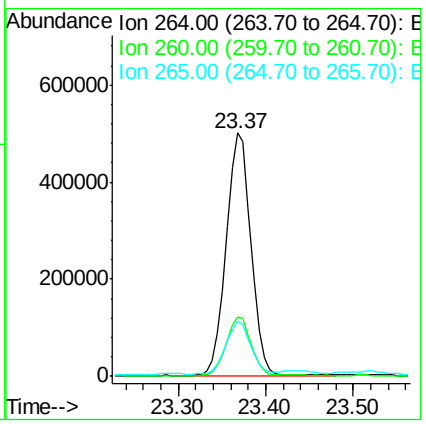


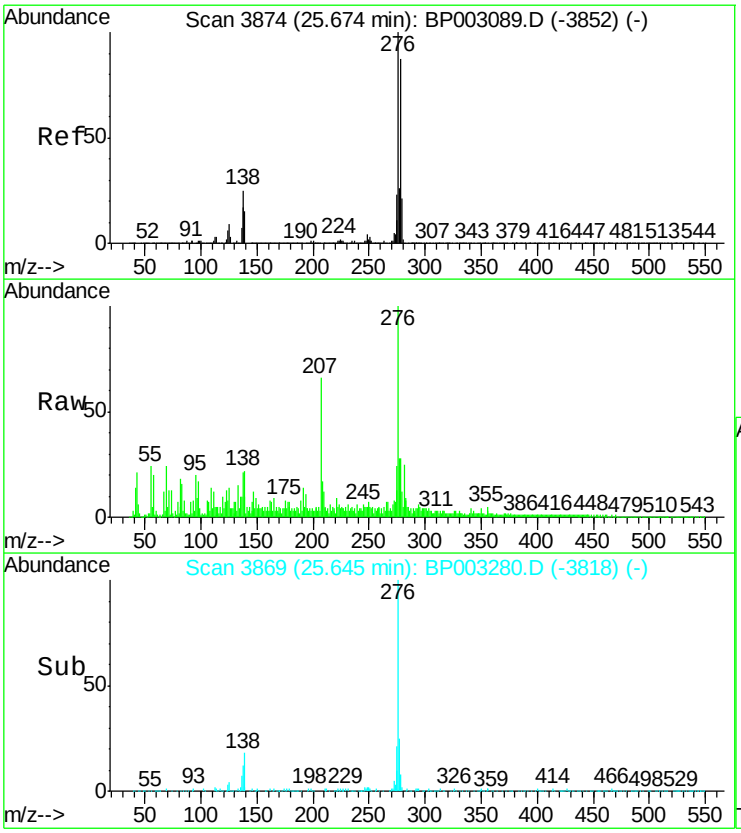
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.37 min Scan# 3482
Delta R.T. 0.00 min
Lab File: BP003280.D
Acq: 14 Sep 2020 21:47

Instrument :
BNA_P
ClientSampleId :
OR-03-091120

Tgt Ion:264 Resp: 963157

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.8	28.2
265	22.8	17.4	26.2

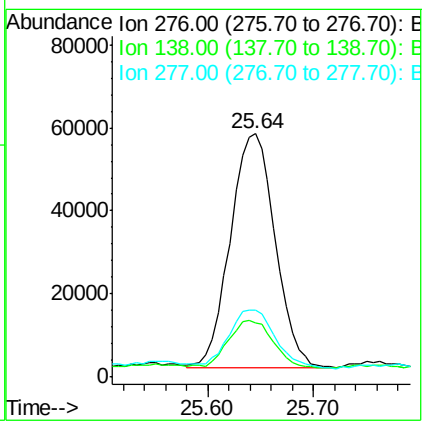


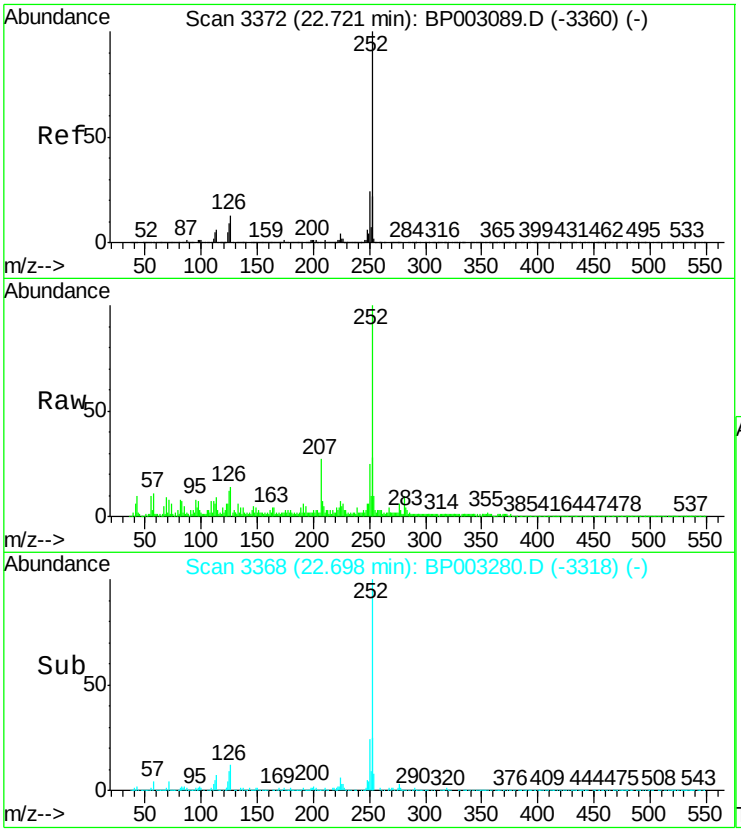


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.305 ng
RT: 25.64 min Scan# 3869
Delta R.T. 0.00 min
Lab File: BP003280.D
Acq: 14 Sep 2020 21:47

Tgt Ion:276 Resp: 165567

Ion	Ratio	Lower	Upper
276	100		
138	20.5	18.7	28.1
277	26.2	20.4	30.6



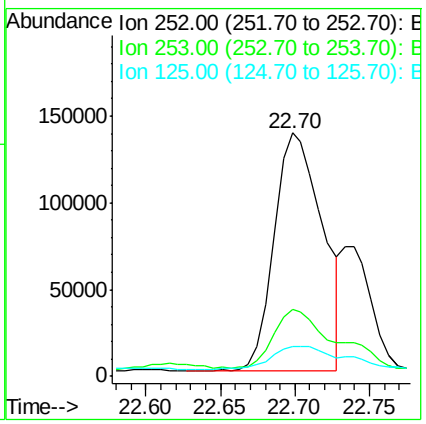


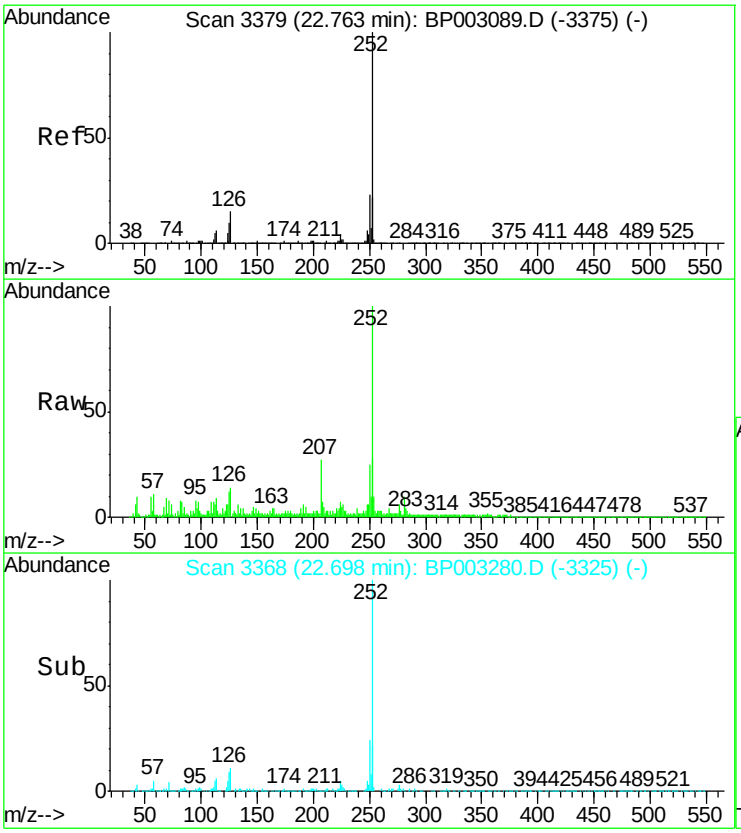
#88
Benzo(b)fluoranthene
Concen: 5.191 ng
RT: 22.70 min Scan# 3368
Delta R.T. -0.01 min
Lab File: BP003280.D
Acq: 14 Sep 2020 21:47

Instrument :
BNA_P
ClientSampleId :
OR-03-091120

Tgt Ion:252 Resp: 310777

Ion	Ratio	Lower	Upper
252	100		
253	27.7	17.6	26.4#
125	12.4	7.3	10.9#

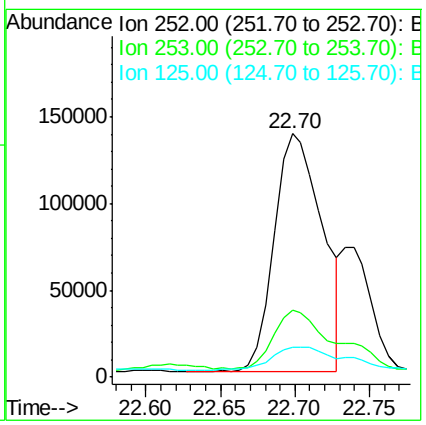


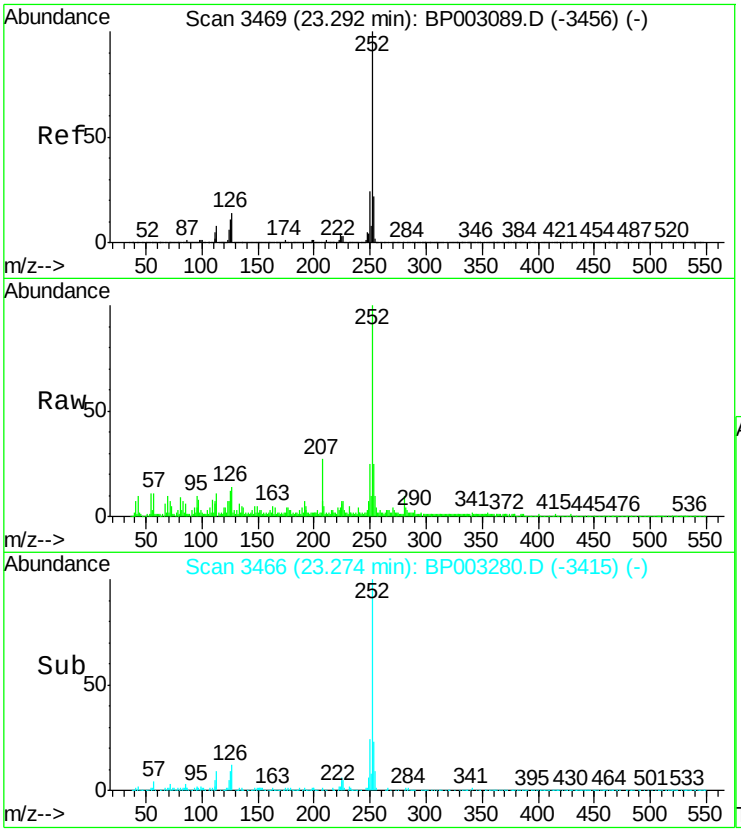


#89
Benzo(k)fluoranthene
Concen: 5.434 ng
RT: 22.70 min Scan# 3368
Delta R.T. -0.05 min
Lab File: BP003280.D
Acq: 14 Sep 2020 21:47

Tgt Ion:252 Resp: 310777

Ion	Ratio	Lower	Upper
252	100		
253	27.7	17.8	26.8#
125	12.4	7.4	11.2#



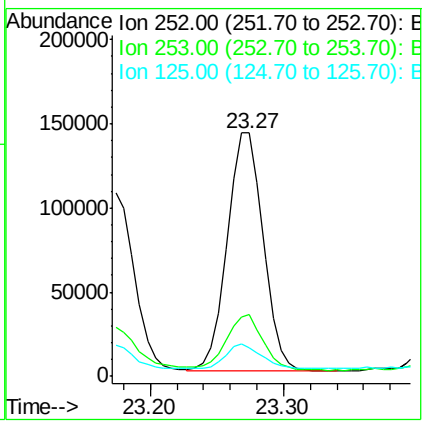


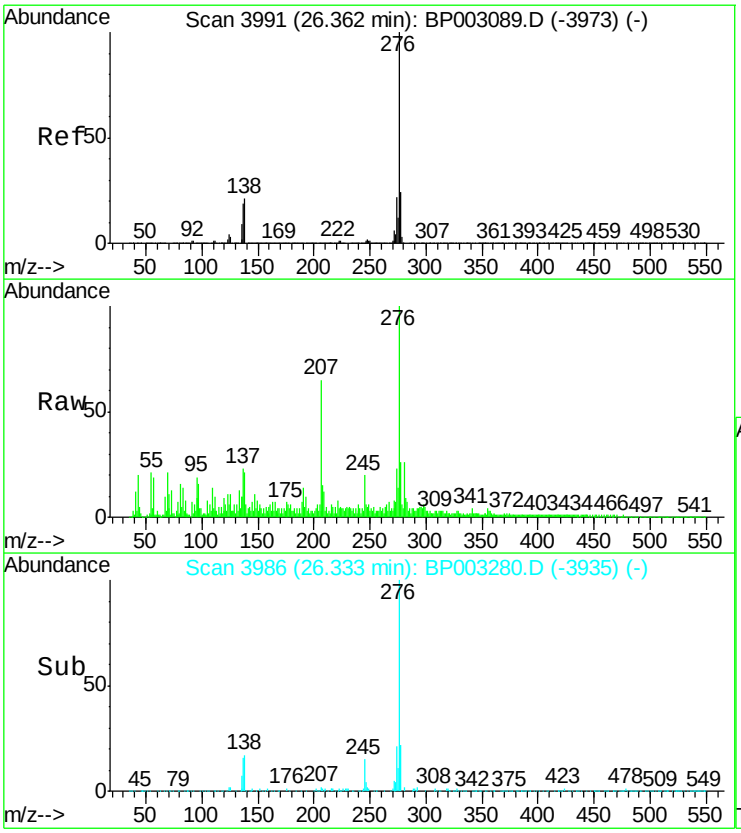
#90
Benzo(a)pyrene
Concen: 4.817 ng
RT: 23.27 min Scan# 3466
Delta R.T. 0.00 min
Lab File: BP003280.D
Acq: 14 Sep 2020 21:47

Instrument :
BNA_P
ClientSampleId :
OR-03-091120

Tgt Ion:252 Resp: 267500

Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.4	26.0
125	11.9	8.2	12.4





#92
Benzo(g,h,i)perylene
Concen: 3.297 ng
RT: 26.33 min Scan# 3986
Delta R.T. 0.00 min
Lab File: BP003280.D
Acq: 14 Sep 2020 21:47

Tgt Ion:276 Resp: 195201

Ion	Ratio	Lower	Upper
276	100		
277	26.2	19.0	28.6
138	20.8	16.6	24.8