Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091420\
Data File : BP003281.D
Acq On : 14 Sep 2020 22:21
Operator : CG/JU
Sample : L3863-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : HD-02-091120

Quant Time: Sep 15 01:38:37 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	188922	20.00	ng		-0.01
21) Naphthalene-d8	10.42	136	733584	20.00	ng		-0.01
39) Acenaphthene-d10	14.29	164	425768	20.00	ng		0.00
64) Phenanthrene-d10	17.04	188	764765	20.00	ng		0.00
76) Chrysene-d12	21.14	240	692997	20.00	ng		0.00
86) Perylene-d12	23.37	264	819158	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	188022	17.60	ng		0.00
7) Phenol-d6	6.84	99	226236	16.89	ng		0.00
23) Nitrobenzene-d5	8.79	82	135623	13.33	ng		0.00
42) 2,4,6-Tribromophenol	15.79	330	102875	17.87	ng		0.00
45) 2-Fluorobiphenyl	12.90	172	390454	13.43	ng		-0.01
79) Terphenyl-d14	19.62	244	380415	12.08	ng		0.00
Target Compounds							Qvalue
32) Benzoic acid	9.75	122	80	9.006	ng	#	1
54) 2,4-Dinitrophenol	14.42	184	70	7.772	ng	#	1
71) Phenanthrene	17.08	178	355183	8.571	ng		99
72) Anthracene	17.17	178	134847	3.400	ng		99
75) Fluoranthene	19.06	202	690095	14.409	ng		99
78) Pyrene	19.42	202	601800	13.380	ng		99
81) Benzo(a)anthracene	21.12	228	369274	8.507	ng		97
83) Chrysene	21.17	228	319040	7.676	ng		96
87) Indeno(1,2,3-cd)pyrene	25.64	276	227862	3.730	ng	#	95
88) Benzo(b)fluoranthene	22.70	252	430133	8.448	ng	#	91
89) Benzo(k)fluoranthene	22.70	252	430133	8.842	ng	#	92
90) Benzo(a)pyrene	23.27	252	340255	7.204	ng		94
92) Benzo(g,h,i)perylene	26.34	276	213792	4.245	ng		96

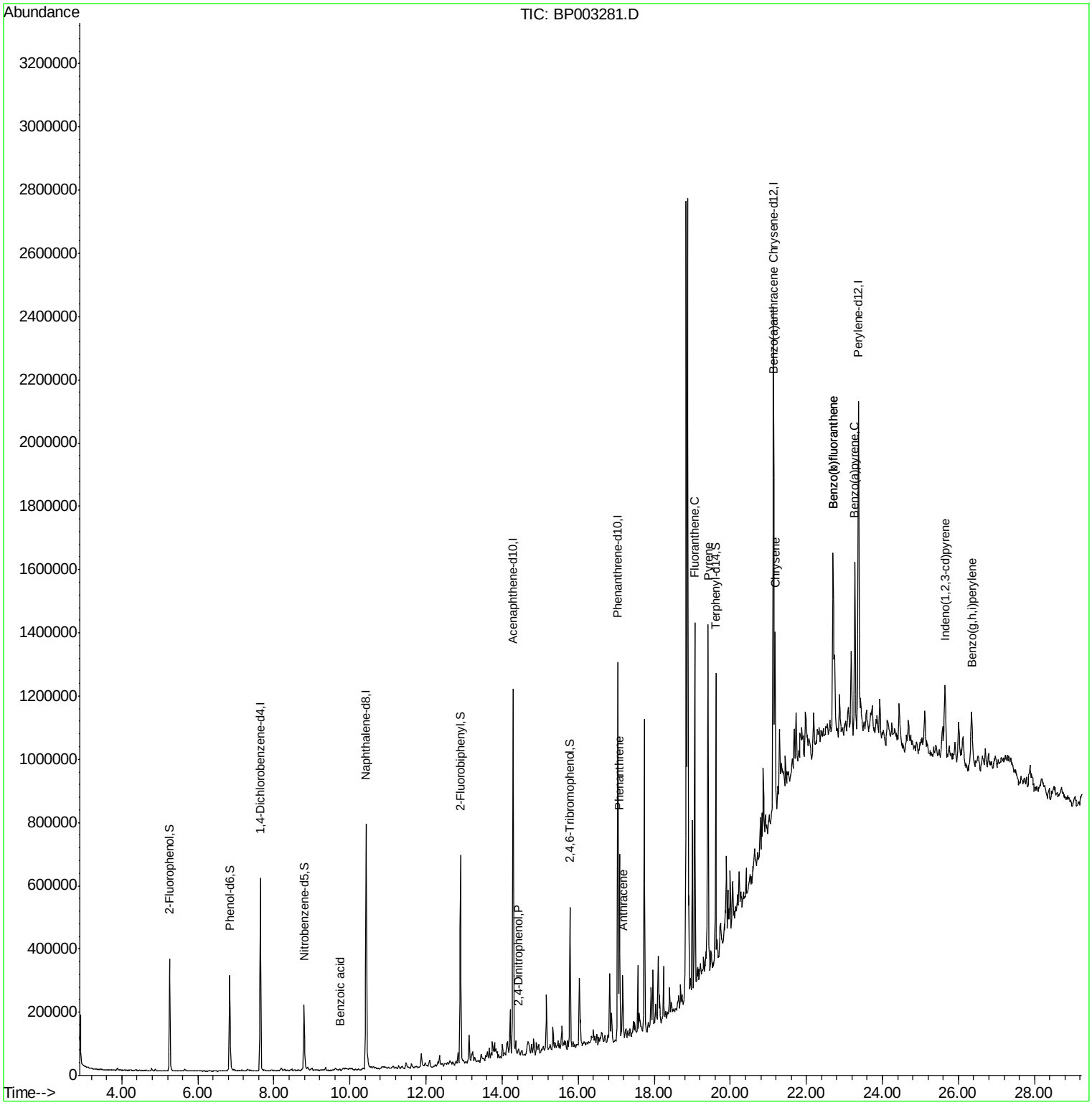
(#) = qualifier out of range (m) = manual integration (+) = signals summed

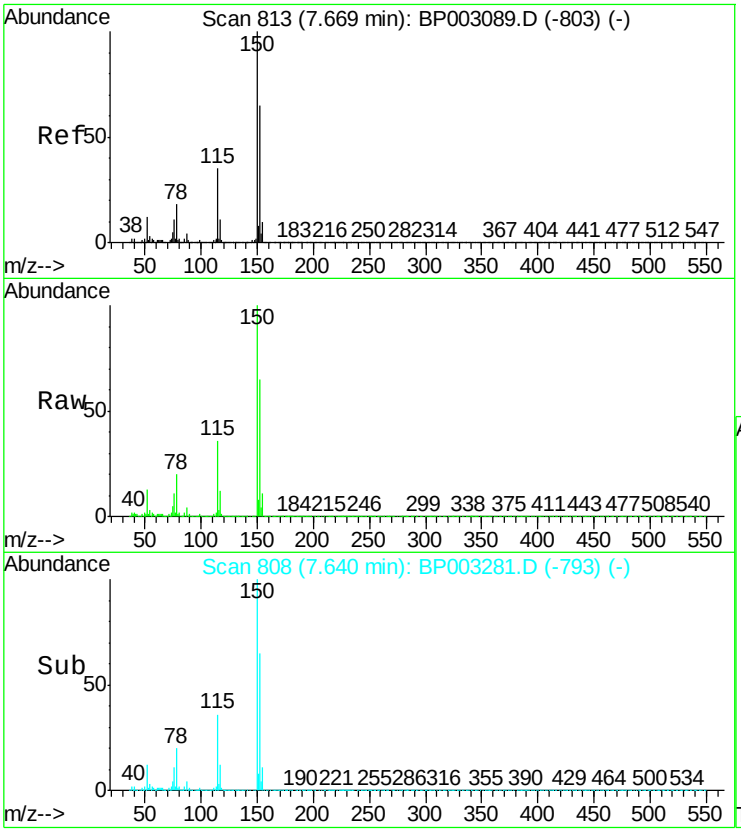
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091420\
Data File : BP003281.D
Acq On : 14 Sep 2020 22:21
Operator : CG/JU
Sample : L3863-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HD-02-091120

Quant Time: Sep 15 01:38:37 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



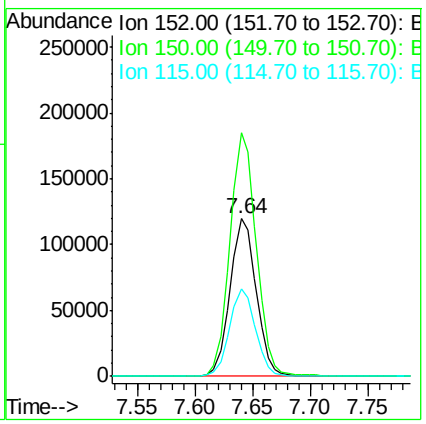


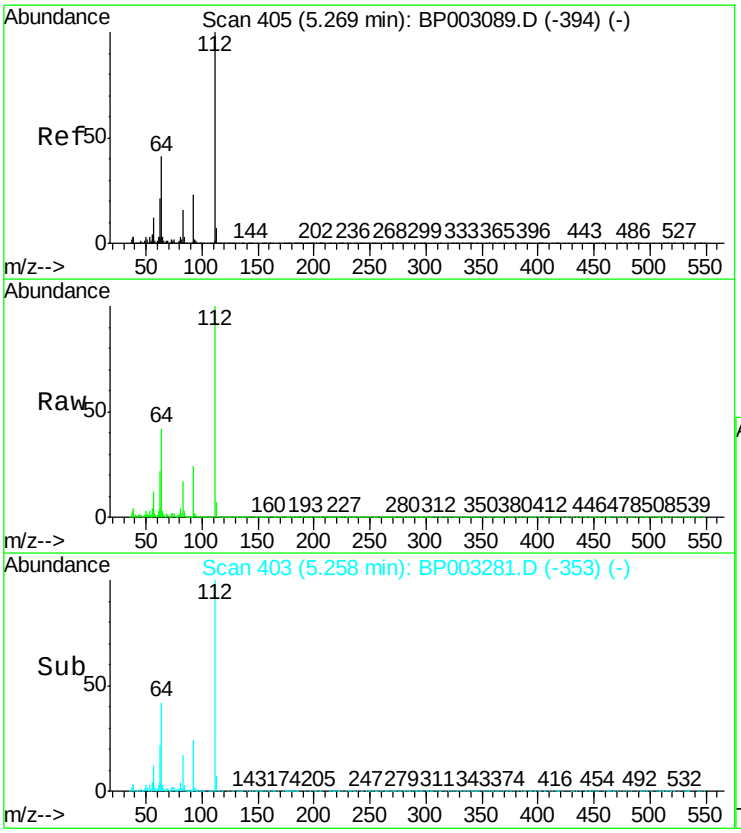
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.64 min Scan# 808
Delta R.T. -0.01 min
Lab File: BP003281.D
Acq: 14 Sep 2020 22:21

Instrument :
BNA_P
ClientSampleId :
HD-02-091120

Tgt Ion:152 Resp: 188922

Ion	Ratio	Lower	Upper
152	100		
150	154.3	123.8	185.6
115	55.2	43.8	65.6

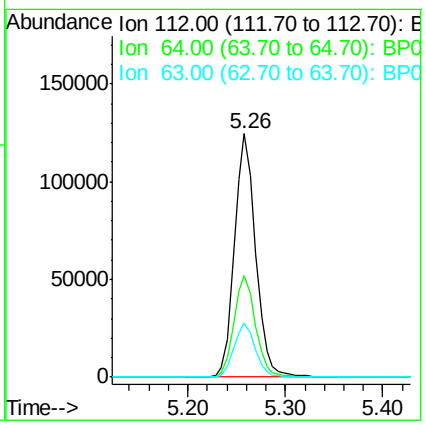


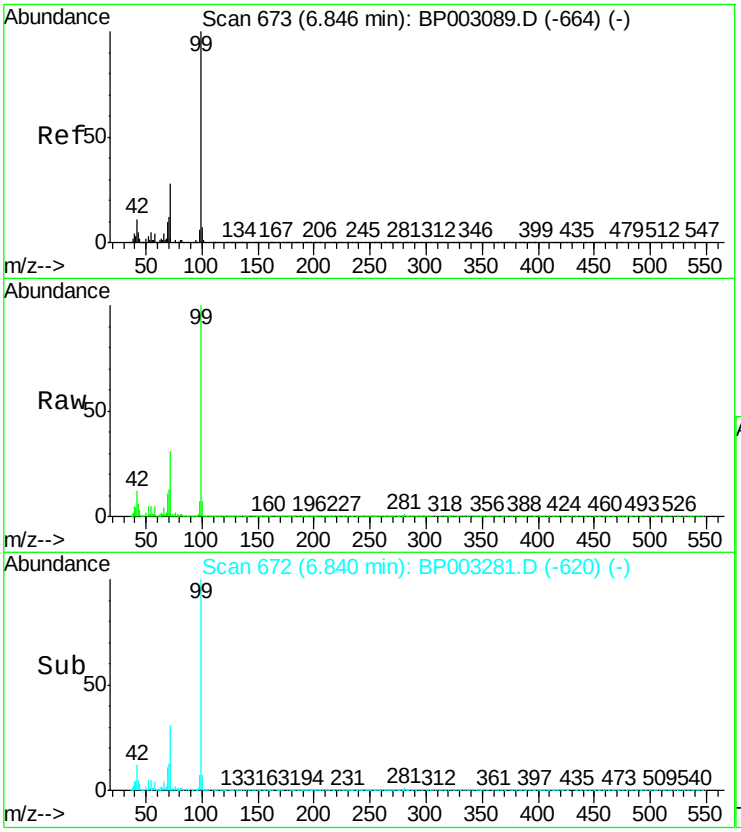


#5
2-Fluorophenol
Concen: 17.596 ng
RT: 5.26 min Scan# 403
Delta R.T. -0.01 min
Lab File: BP003281.D
Acq: 14 Sep 2020 22:21

Tgt Ion:112 Resp: 188022

Ion	Ratio	Lower	Upper
112	100		
64	41.5	32.8	49.2
63	22.0	17.0	25.4



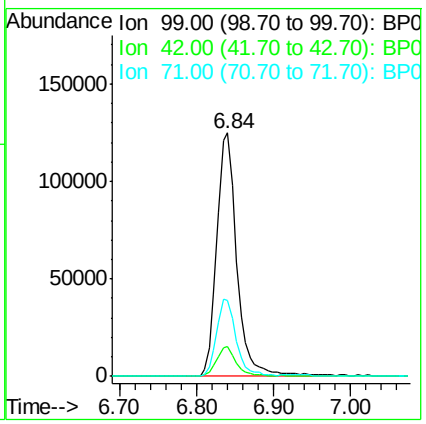


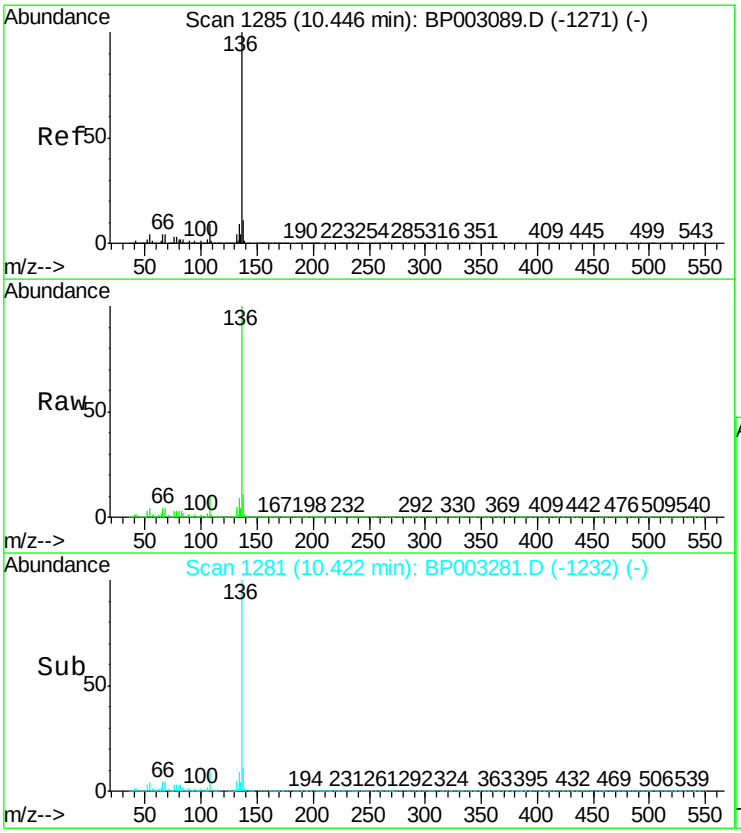
#7
Phenol-d6
Concen: 16.890 ng
RT: 6.84 min Scan# 672
Delta R.T. 0.01 min
Lab File: BP003281.D
Acq: 14 Sep 2020 22:21

Instrument :
BNA_P
ClientSampleId :
HD-02-091120

Tgt Ion: 99 Resp: 226236

Ion	Ratio	Lower	Upper
99	100		
42	12.1	8.6	13.0
71	31.2	23.4	35.2

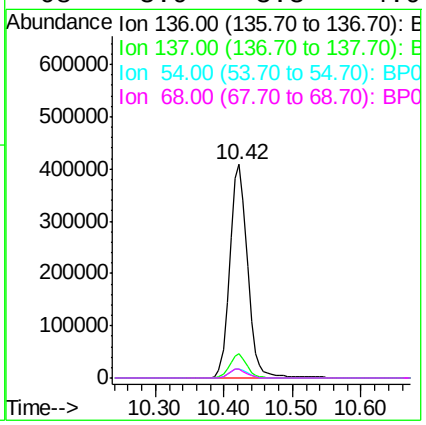


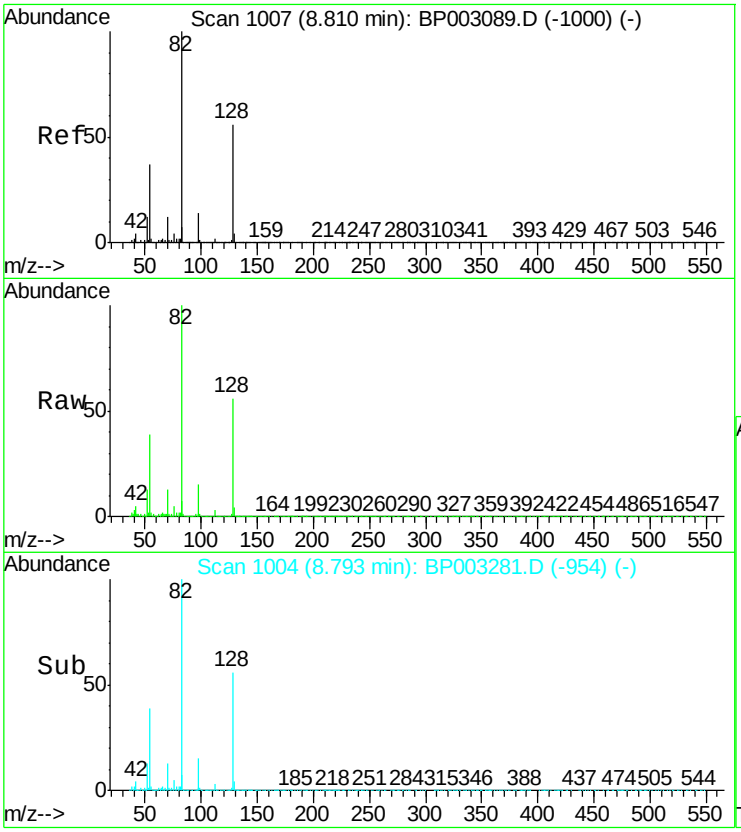


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.42 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BP003281.D
Acq: 14 Sep 2020 22:21

Tgt Ion:136 Resp: 733584

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	4.4	3.6	5.4
68	3.9	3.3	4.9



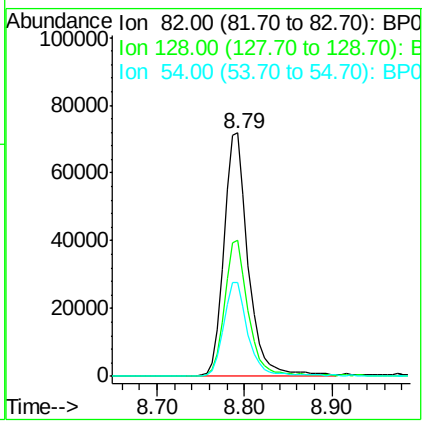


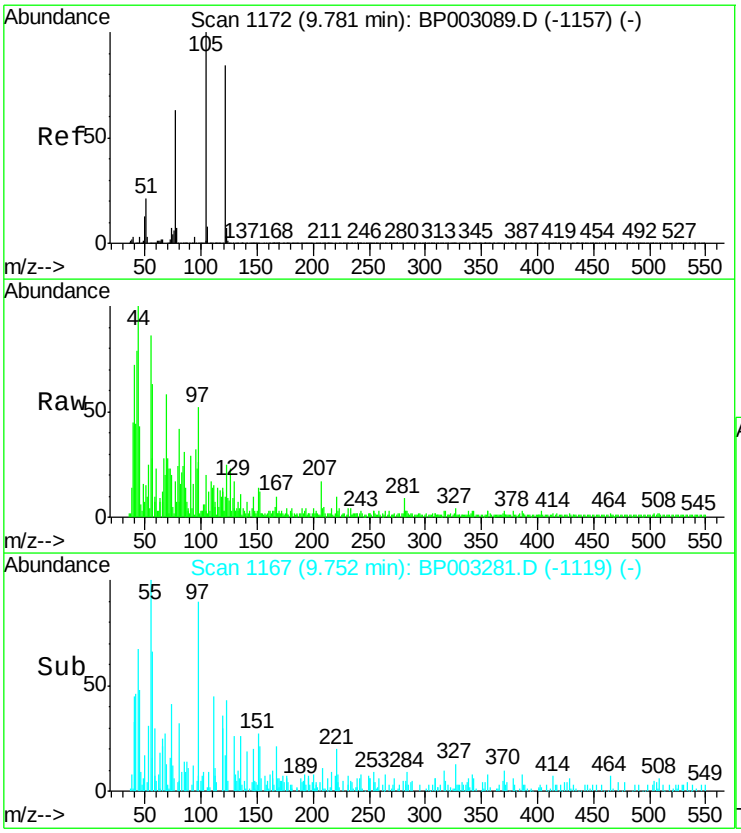
#23
Nitrobenzene-d5
Concen: 13.328 ng
RT: 8.79 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BP003281.D
Acq: 14 Sep 2020 22:21

Instrument :
BNA_P
ClientSampleId :
HD-02-091120

Tgt Ion: 82 Resp: 135623

Ion	Ratio	Lower	Upper
82	100		
128	55.6	45.6	68.4
54	38.6	30.1	45.1

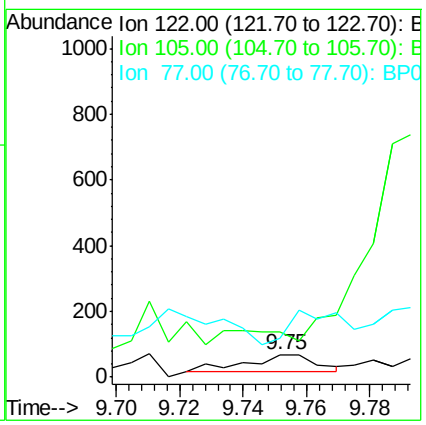


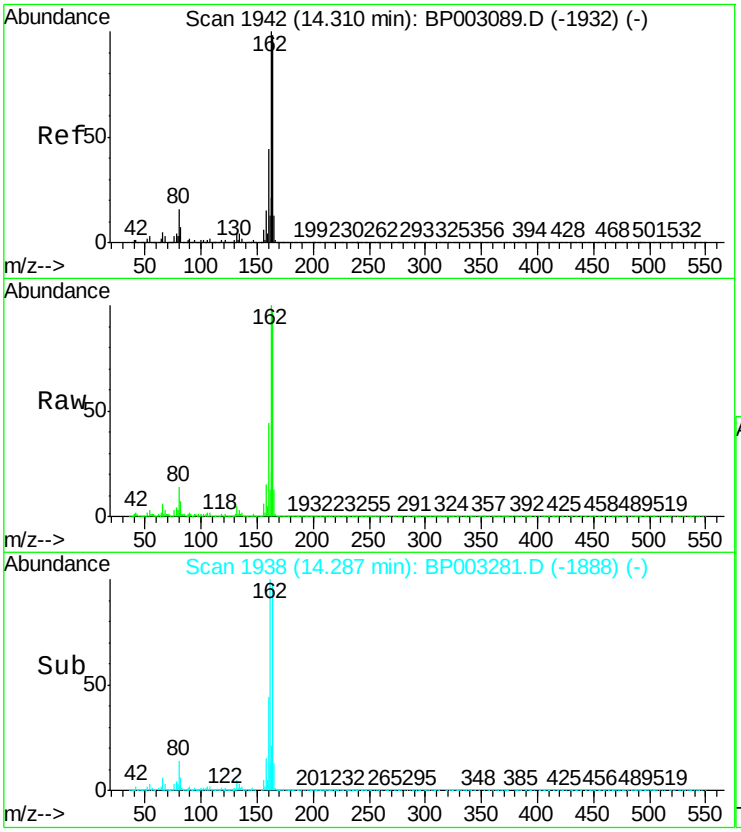


#32
Benzoic acid
Concen: 9.006 ng
RT: 9.75 min Scan# 1167
Delta R.T. -0.02 min
Lab File: BP003281.D
Acq: 14 Sep 2020 22:21

Tgt Ion:122 Resp: 80

Ion	Ratio	Lower	Upper
122	100		
105	204.4	94.1	134.1#
77	176.5	50.1	90.1#



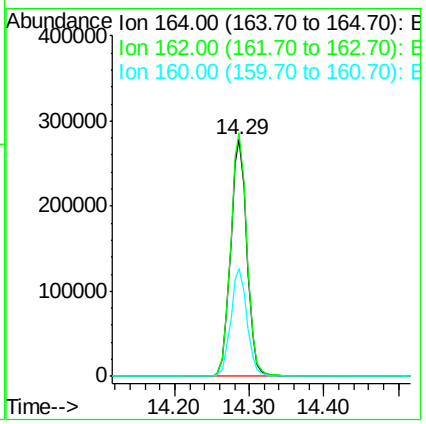


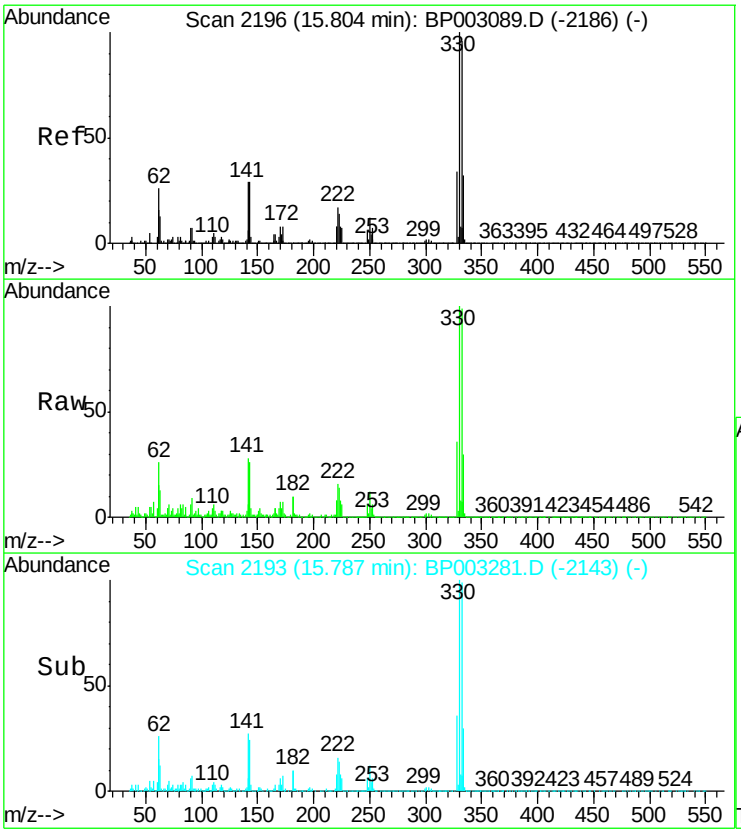
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.29 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BP003281.D
Acq: 14 Sep 2020 22:21

Instrument :
BNA_P
ClientSampleId :
HD-02-091120

Tgt Ion:164 Resp: 425768

Ion	Ratio	Lower	Upper
164	100		
162	102.9	79.4	119.2
160	45.6	36.1	54.1

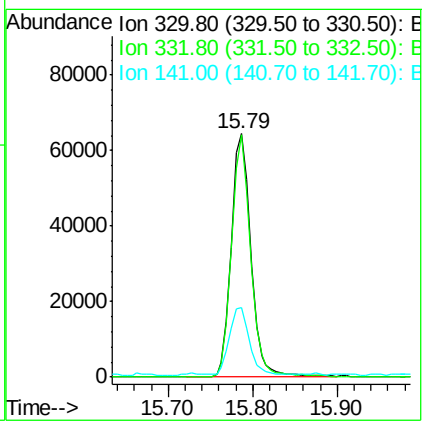


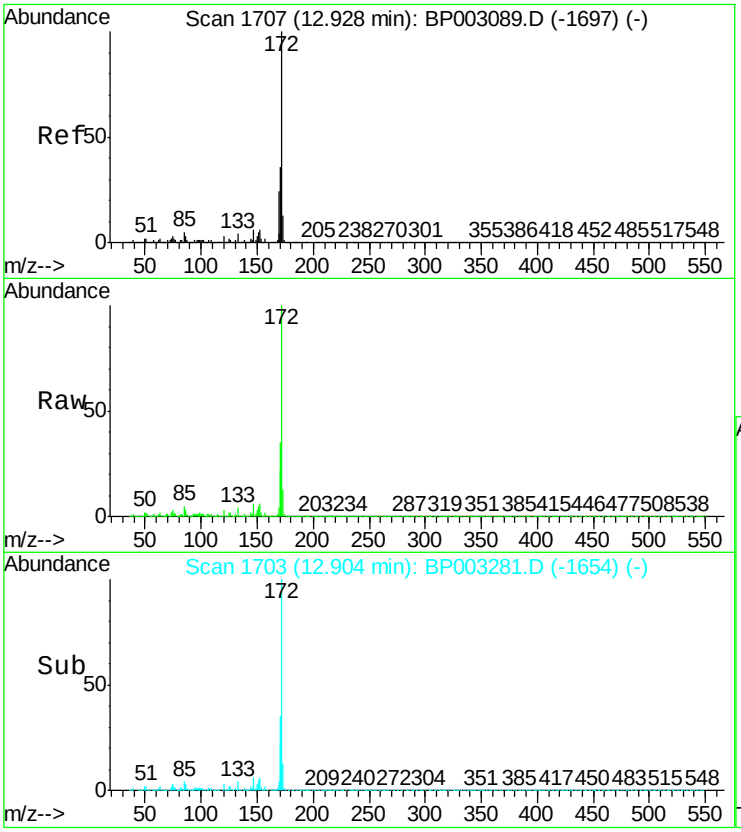


#42
2,4,6-Tribromophenol
Concen: 17.865 ng
RT: 15.79 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BP003281.D
Acq: 14 Sep 2020 22:21

Tgt Ion:330 Resp: 102875

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.1	115.7
141	27.5	23.4	35.2



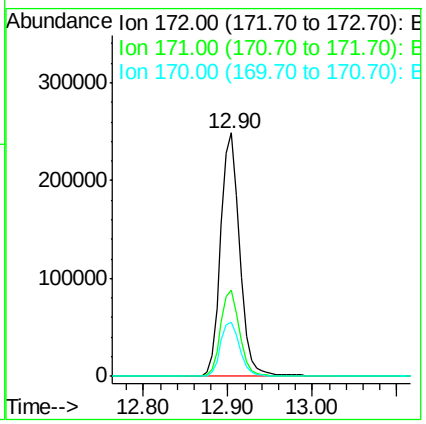


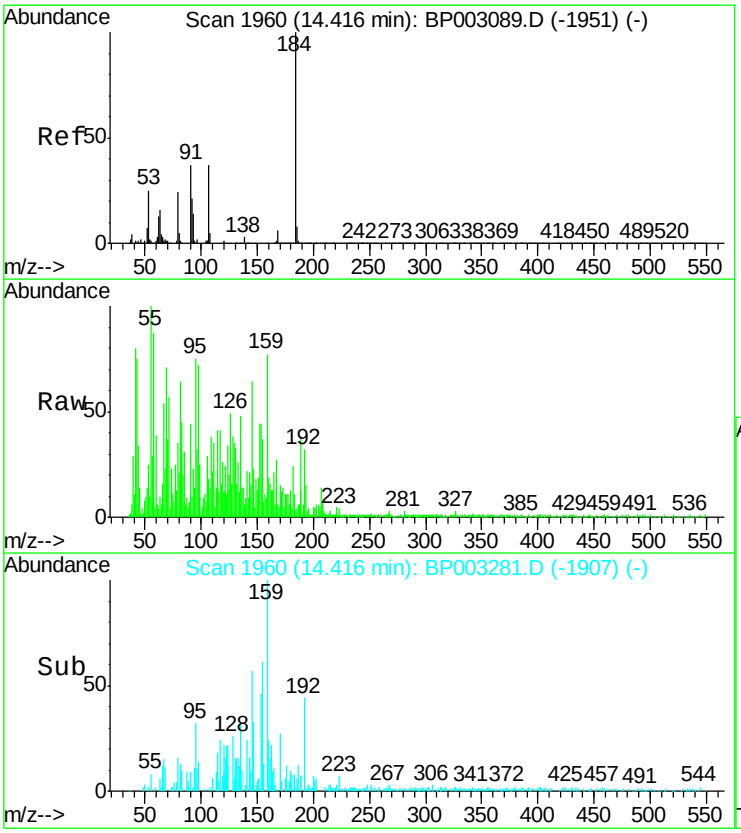
#45
2-Fluorobiphenyl
Concen: 13.430 ng
RT: 12.90 min Scan# 1703
Delta R.T. -0.01 min
Lab File: BP003281.D
Acq: 14 Sep 2020 22:21

Instrument :
BNA_P
ClientSampleId :
HD-02-091120

Tgt Ion:172 Resp: 390454

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.5	42.7
170	22.5	19.2	28.8

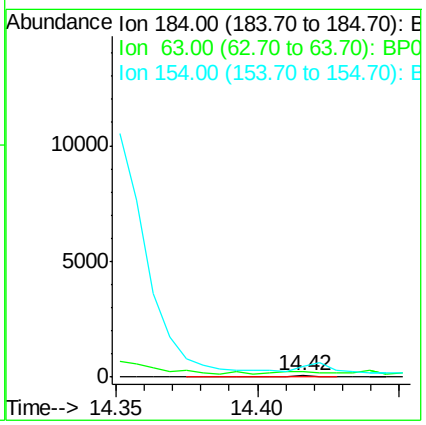


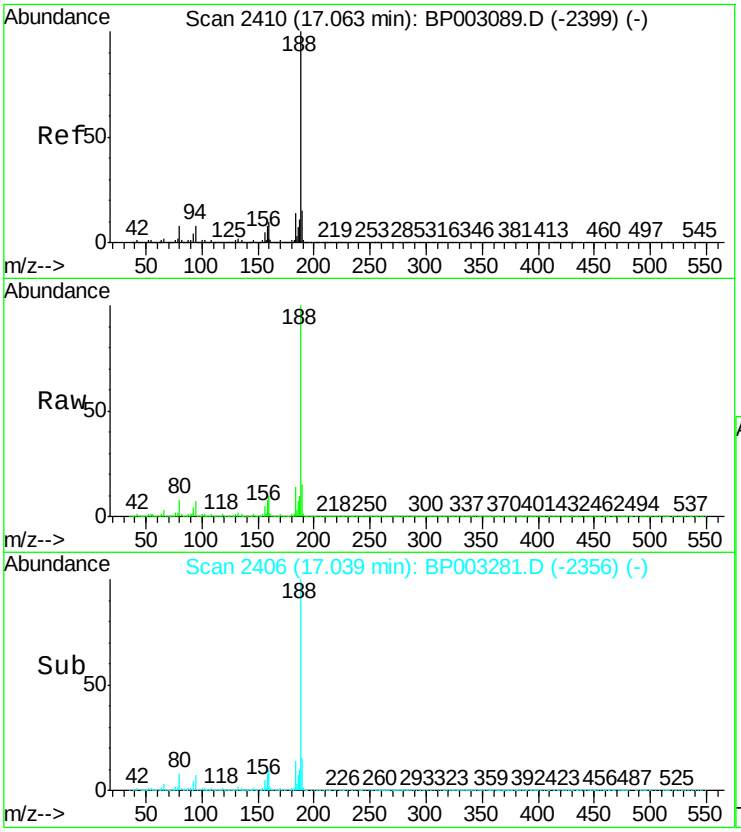


#54
2,4-Dinitrophenol
Concen: 7.772 ng
RT: 14.42 min Scan# 1960
Delta R.T. 0.01 min
Lab File: BP003281.D
Acq: 14 Sep 2020 22:21

Tgt Ion:184 Resp: 70

Ion	Ratio	Lower	Upper
184	100		
63	375.4	32.3	48.5#
154	770.2	49.1	73.7#



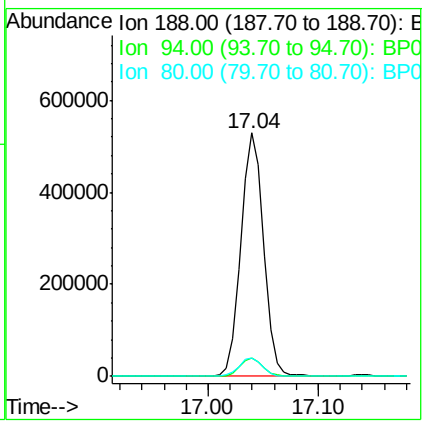


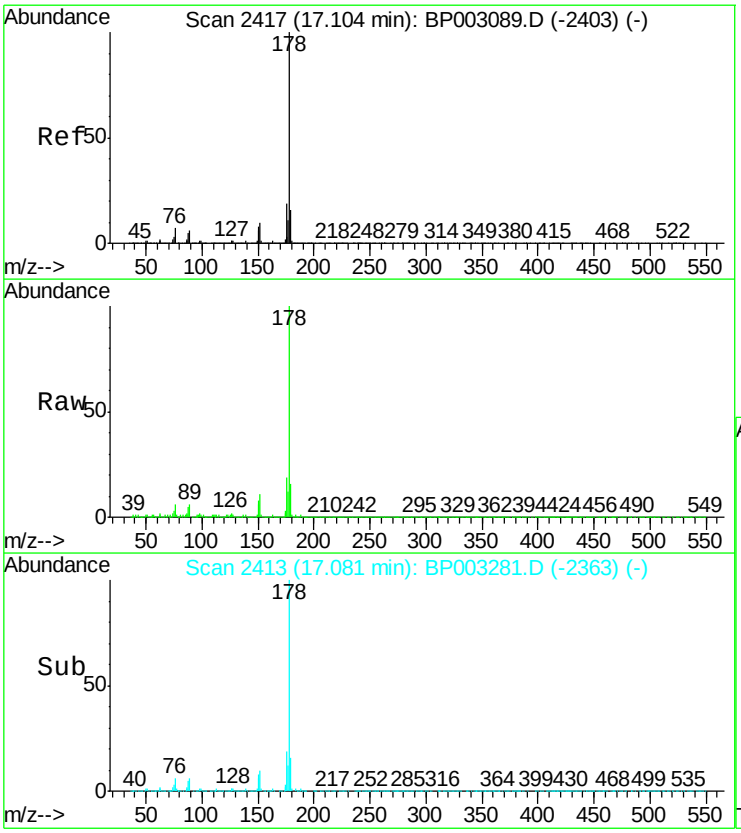
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.04 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BP003281.D
Acq: 14 Sep 2020 22:21

Instrument :
BNA_P
ClientSampleId :
HD-02-091120

Tgt Ion:188 Resp: 764765

Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.2	9.2
80	7.7	6.2	9.2

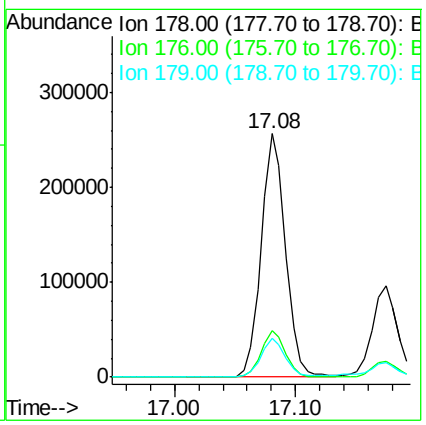


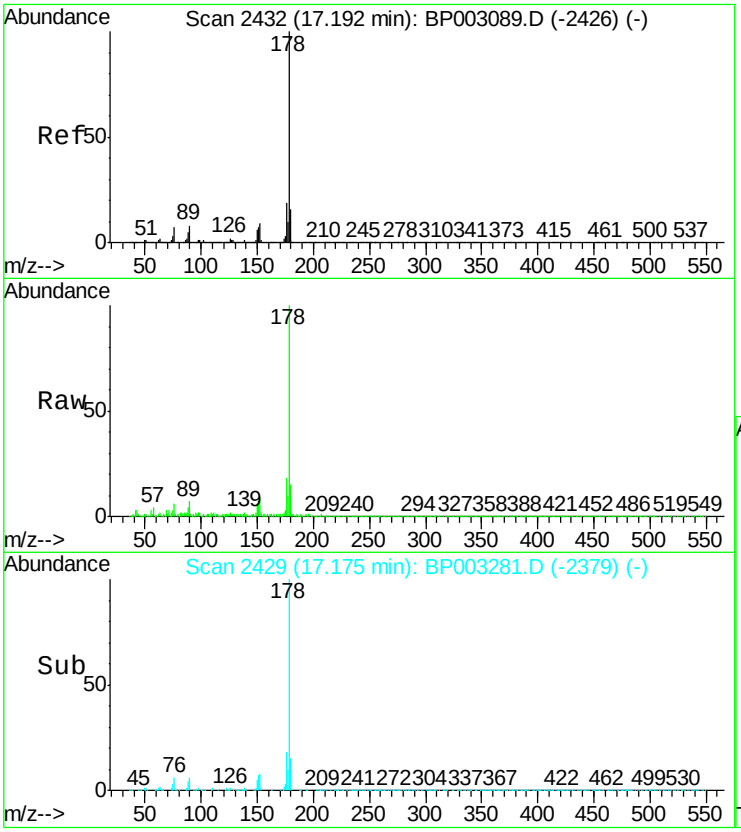


#71
Phenanthrene
Concen: 8.571 ng
RT: 17.08 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BP003281.D
Acq: 14 Sep 2020 22:21

Tgt Ion:178 Resp: 355183

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	15.9	12.5	18.7



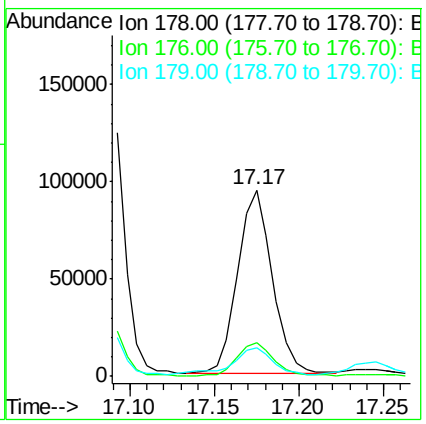


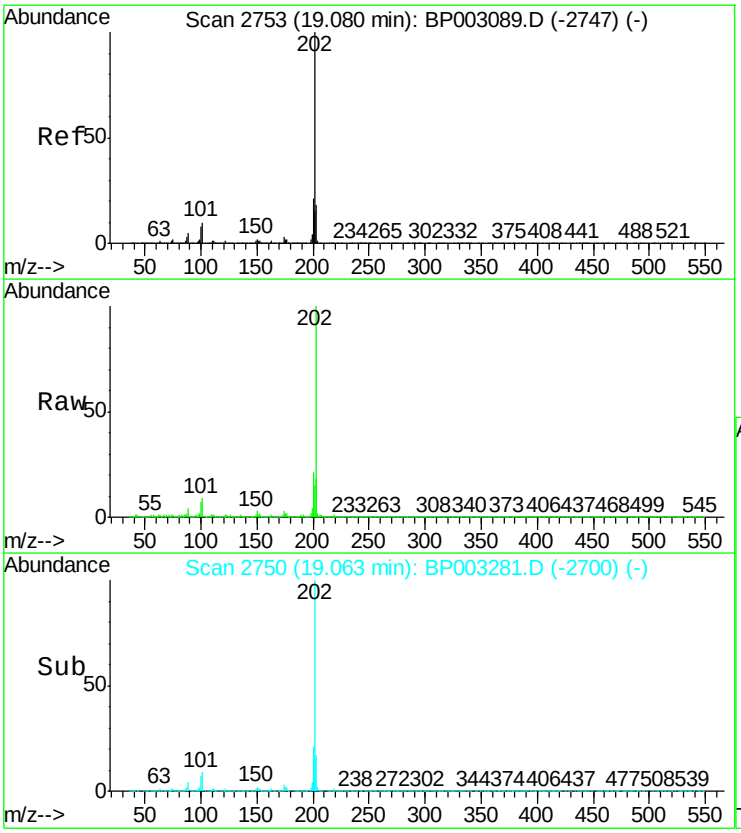
#72
Anthracene
Concen: 3.400 ng
RT: 17.17 min Scan# 2429
Delta R.T. -0.01 min
Lab File: BP003281.D
Acq: 14 Sep 2020 22:21

Instrument :
BNA_P
ClientSampleId :
HD-02-091120

Tgt Ion:178 Resp: 134847

Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.0	22.4
179	15.3	12.5	18.7

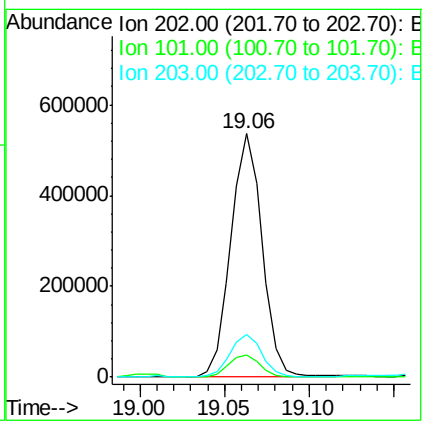


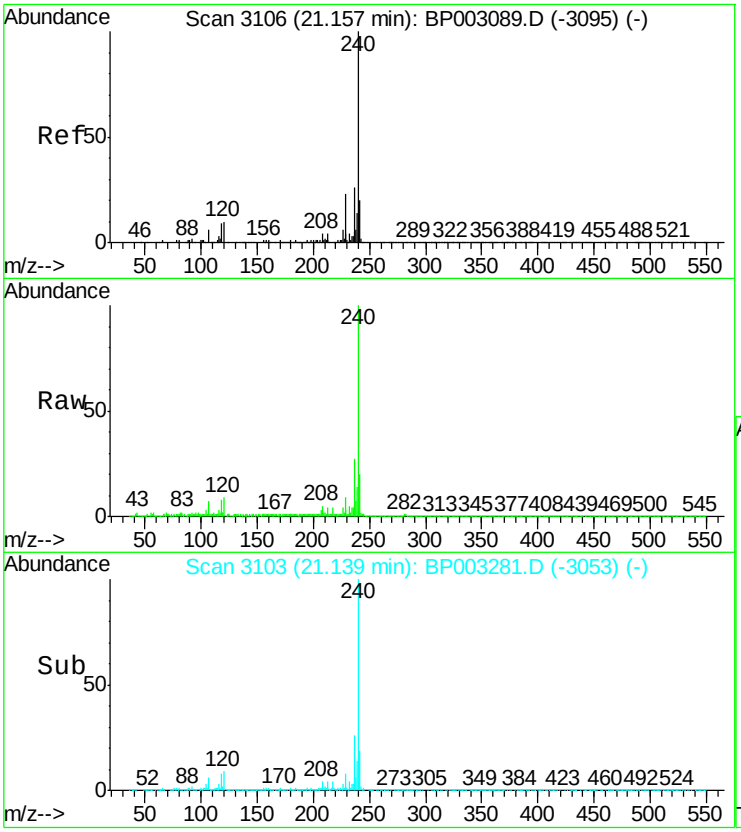


#75
Fluoranthene
Concen: 14.409 ng
RT: 19.06 min Scan# 2750
Delta R.T. -0.01 min
Lab File: BP003281.D
Acq: 14 Sep 2020 22:21

Tgt Ion:202 Resp: 690095

Ion	Ratio	Lower	Upper
202	100		
101	9.1	0.0	29.4
203	17.6	0.0	37.8



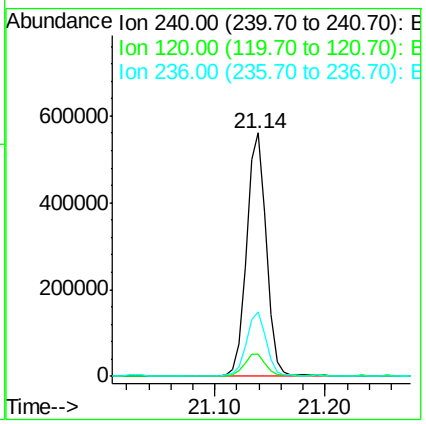


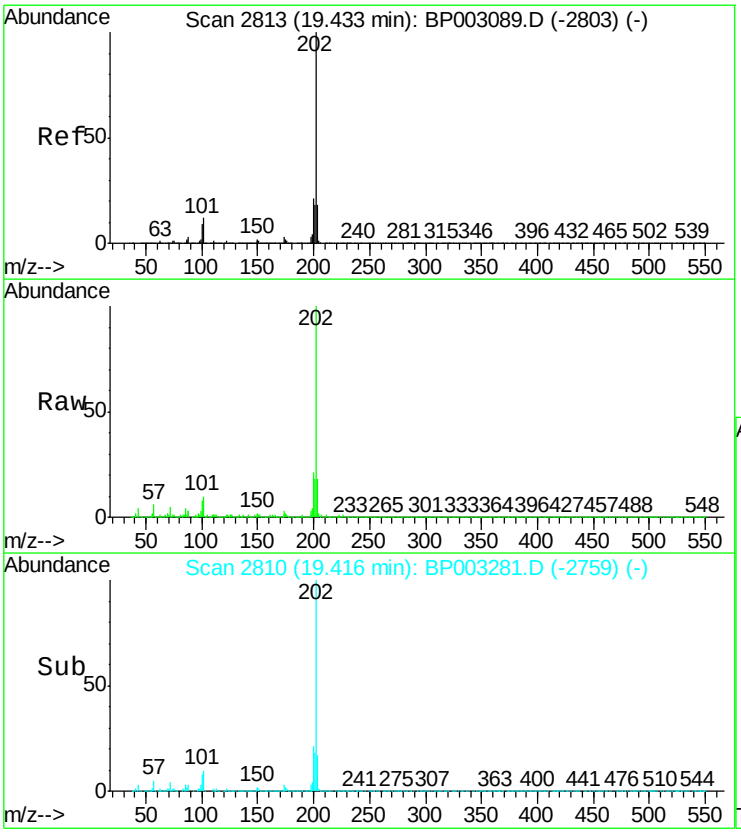
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.14 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BP003281.D
Acq: 14 Sep 2020 22:21

Instrument :
BNA_P
ClientSampleId :
HD-02-091120

Tgt Ion:240 Resp: 692997

Ion	Ratio	Lower	Upper
240	100		
120	9.0	7.8	11.6
236	26.5	20.8	31.2

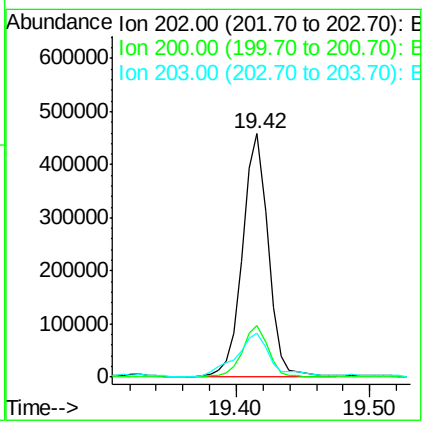


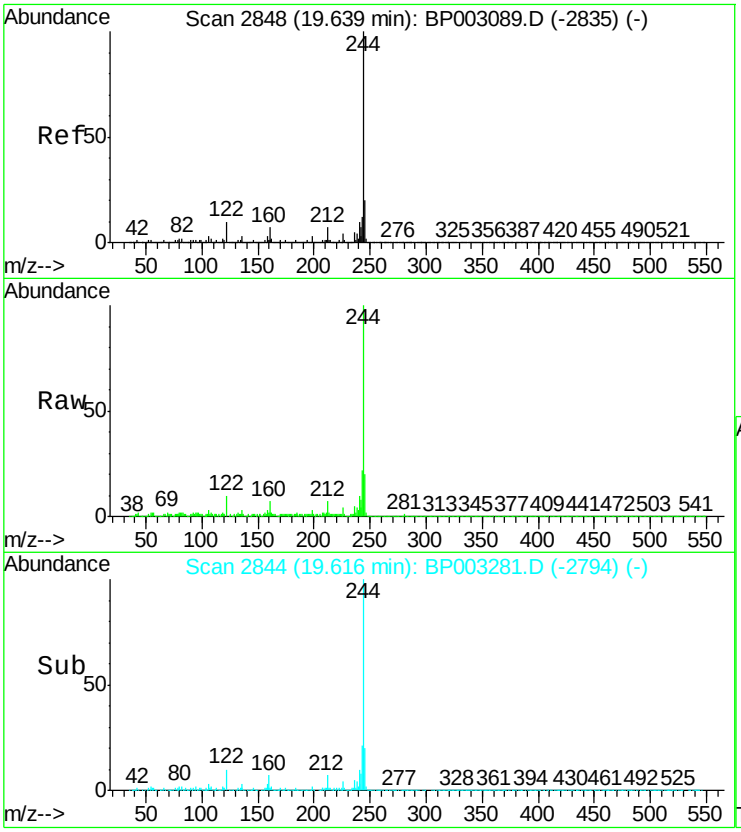


#78
Pyrene
Concen: 13.380 ng
RT: 19.42 min Scan# 2810
Delta R.T. -0.00 min
Lab File: BP003281.D
Acq: 14 Sep 2020 22:21

Tgt Ion:202 Resp: 601800

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.1	25.7
203	17.8	14.2	21.2



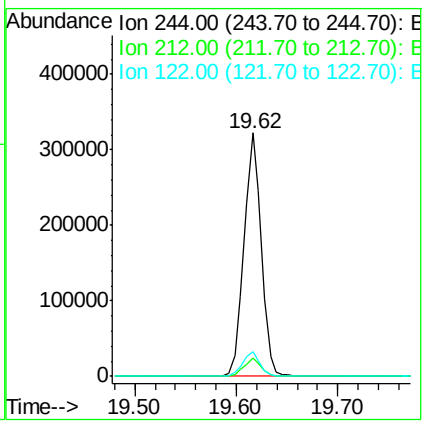


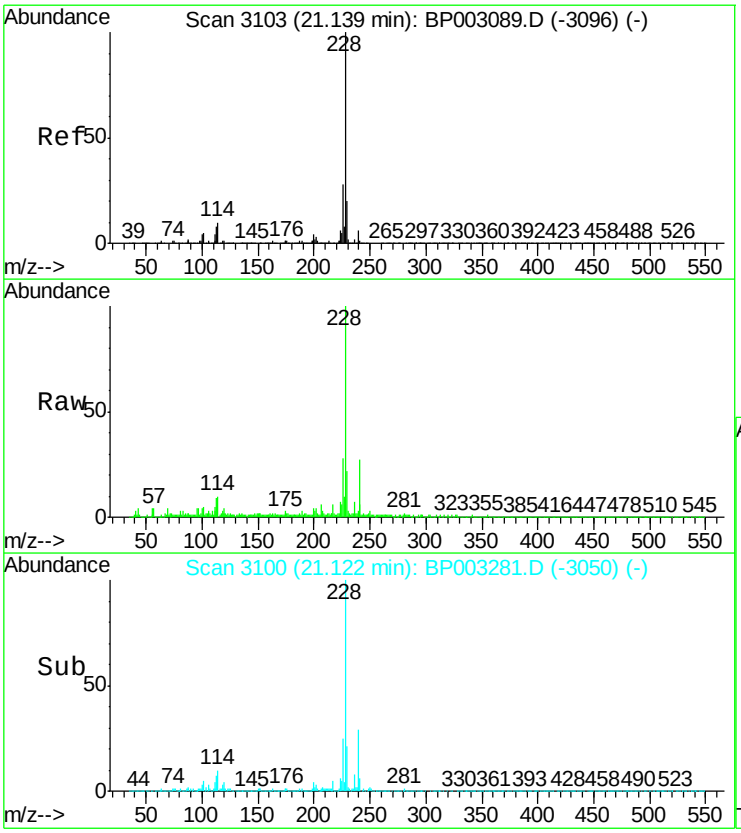
#79
Terphenyl-d14
Concen: 12.079 ng
RT: 19.62 min Scan# 2844
Delta R.T. -0.01 min
Lab File: BP003281.D
Acq: 14 Sep 2020 22:21

Instrument :
BNA_P
ClientSampleId :
HD-02-091120

Tgt Ion:244 Resp: 380415

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.6
122	10.1	7.8	11.8

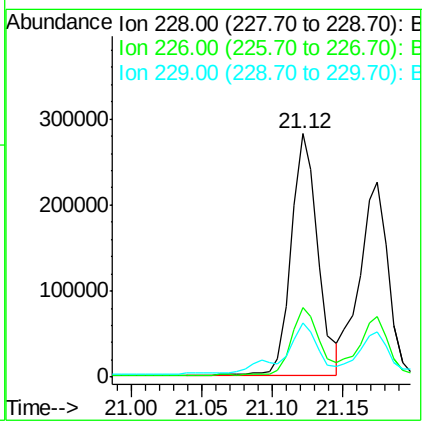


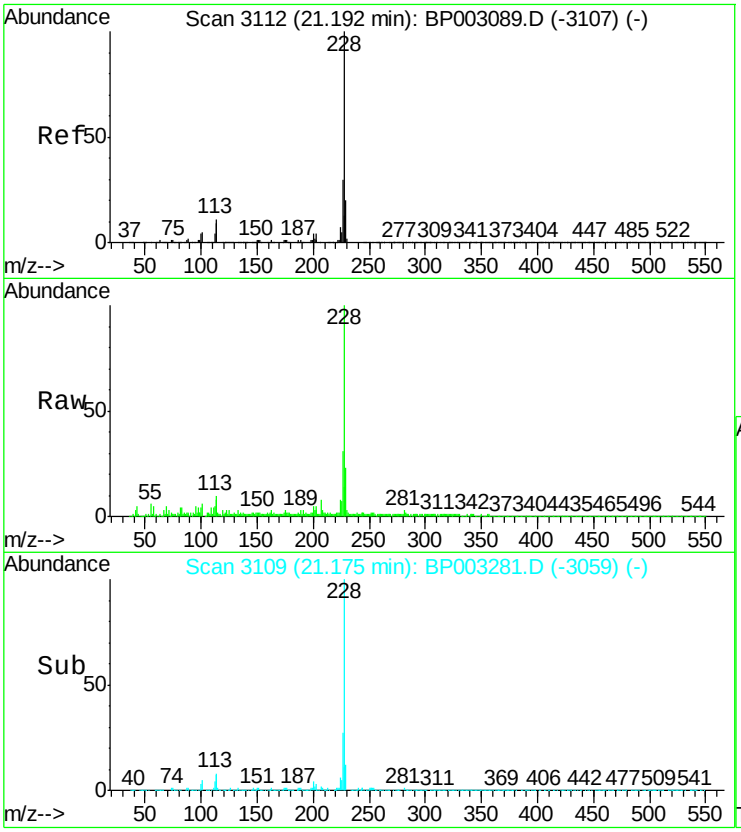


#81
Benzo(a)anthracene
Concen: 8.507 ng
RT: 21.12 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BP003281.D
Acq: 14 Sep 2020 22:21

Tgt Ion:228 Resp: 369274

Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.1	33.1
229	22.0	15.9	23.9



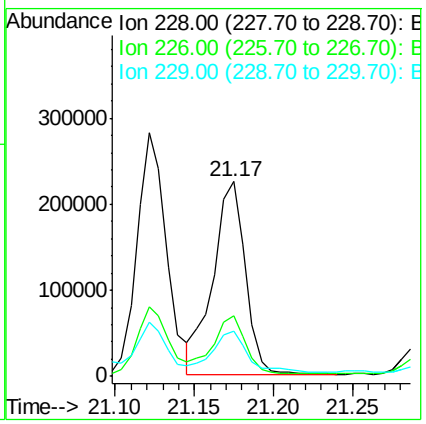


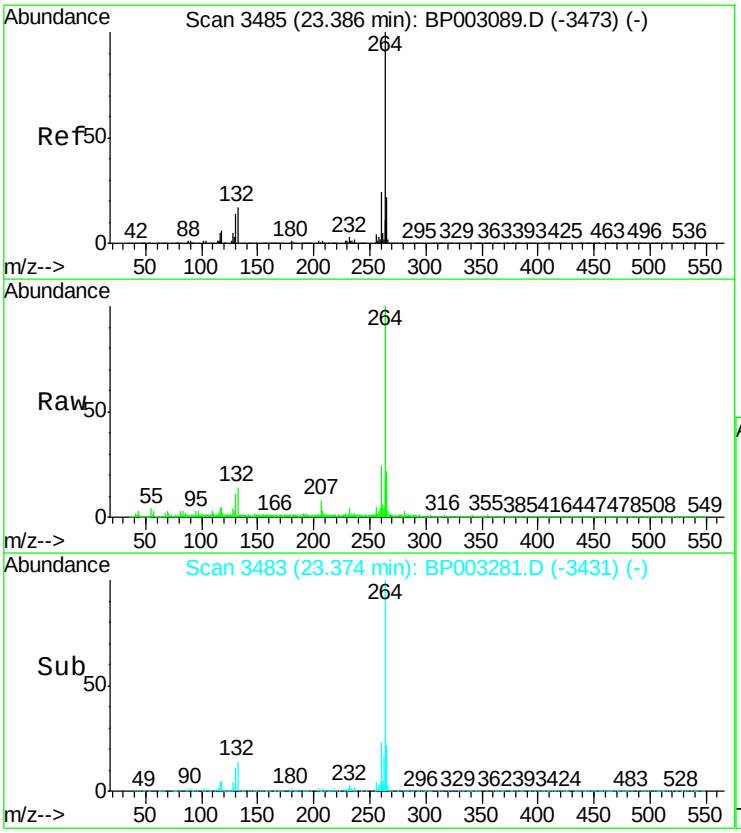
#83
Chrysene
Concen: 7.676 ng
RT: 21.17 min Scan# 3109
Delta R.T. -0.01 min
Lab File: BP003281.D
Acq: 14 Sep 2020 22:21

Instrument :
BNA_P
ClientSampleId :
HD-02-091120

Tgt Ion:228 Resp: 319040

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.4	36.6
229	23.3	15.8	23.6

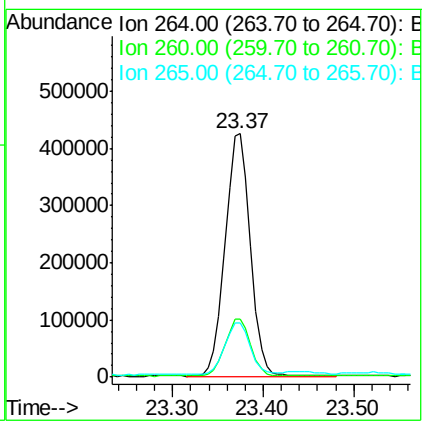


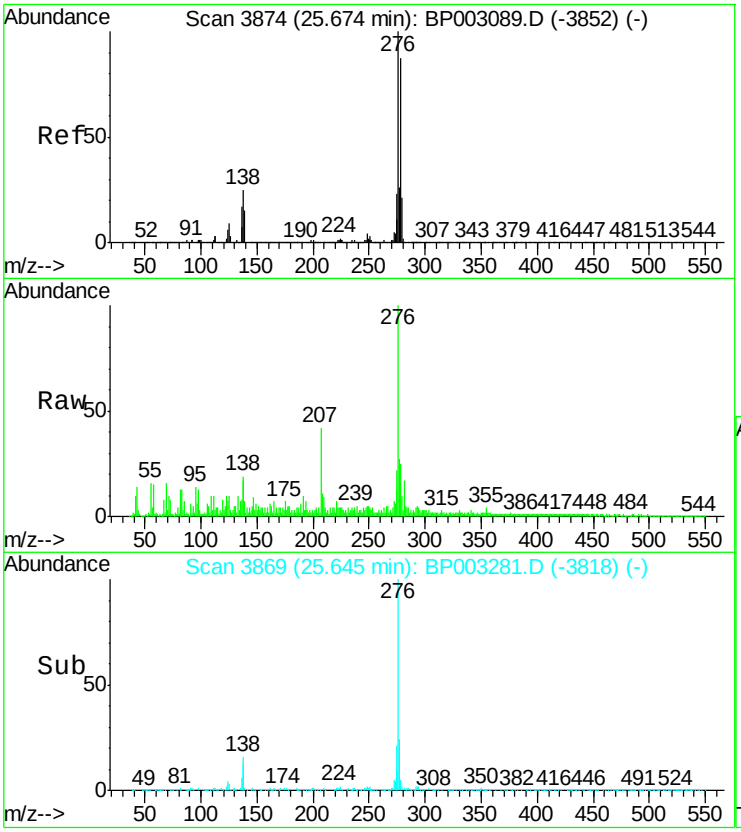


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.37 min Scan# 3483
Delta R.T. 0.01 min
Lab File: BP003281.D
Acq: 14 Sep 2020 22:21

Tgt Ion:264 Resp: 819158

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.8	28.2
265	22.5	17.4	26.2



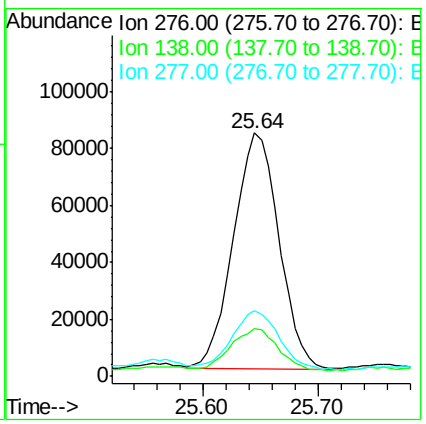


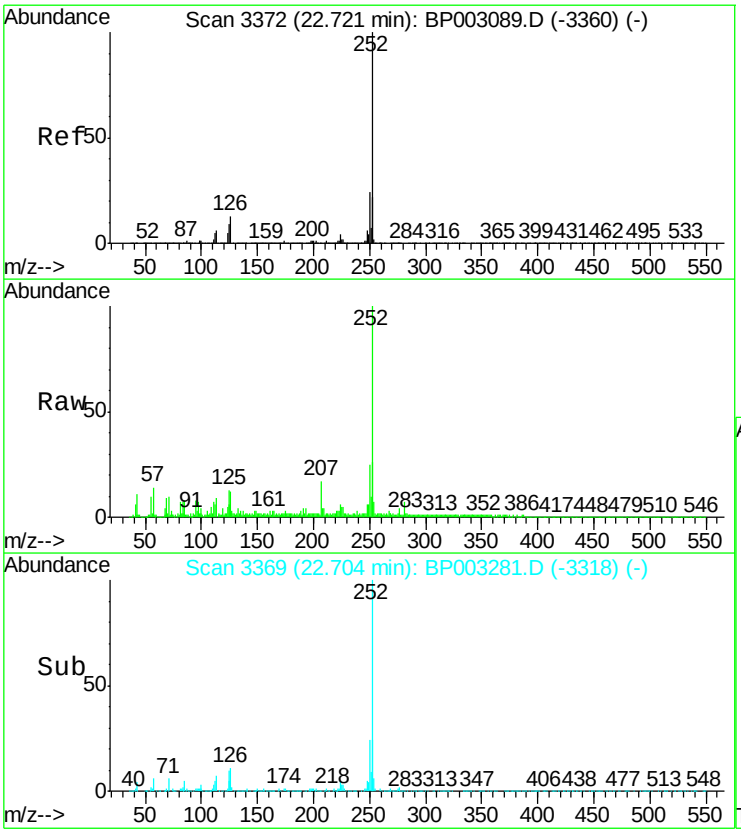
#87
Indeno(1,2,3-cd)pyrene
Concen: 3.730 ng
RT: 25.64 min Scan# 3869
Delta R.T. -0.00 min
Lab File: BP003281.D
Acq: 14 Sep 2020 22:21

Instrument :
BNA_P
ClientSampleId :
HD-02-091120

Tgt Ion:276 Resp: 227862

Ion	Ratio	Lower	Upper
276	100		
138	18.5	18.7	28.1#
277	25.8	20.4	30.6

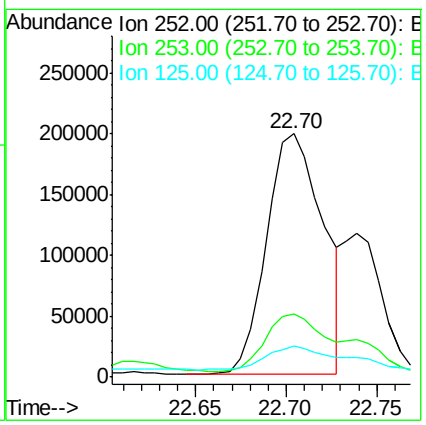


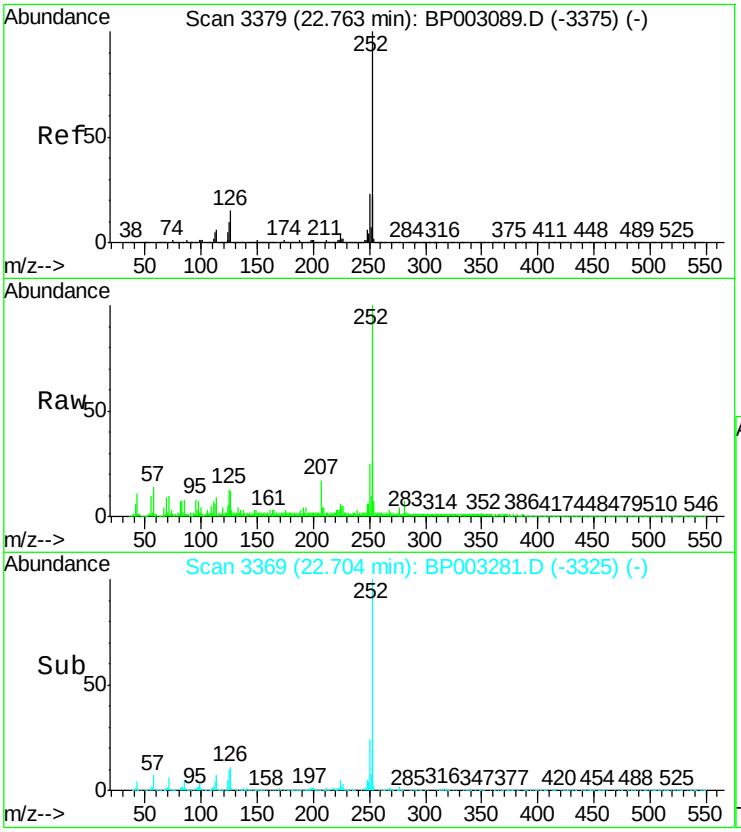


#88
Benzo(b)fluoranthene
Concen: 8.448 ng
RT: 22.70 min Scan# 3369
Delta R.T. -0.00 min
Lab File: BP003281.D
Acq: 14 Sep 2020 22:21

Tgt Ion:252 Resp: 430133

Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.6	26.4
125	12.5	7.3	10.9#



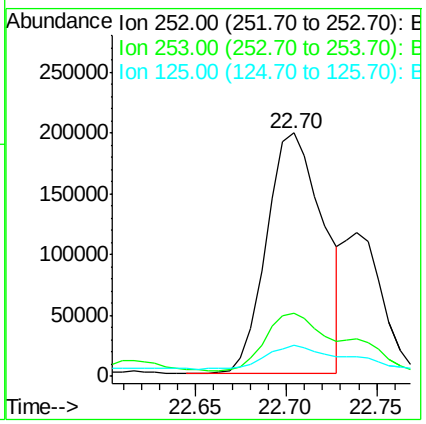


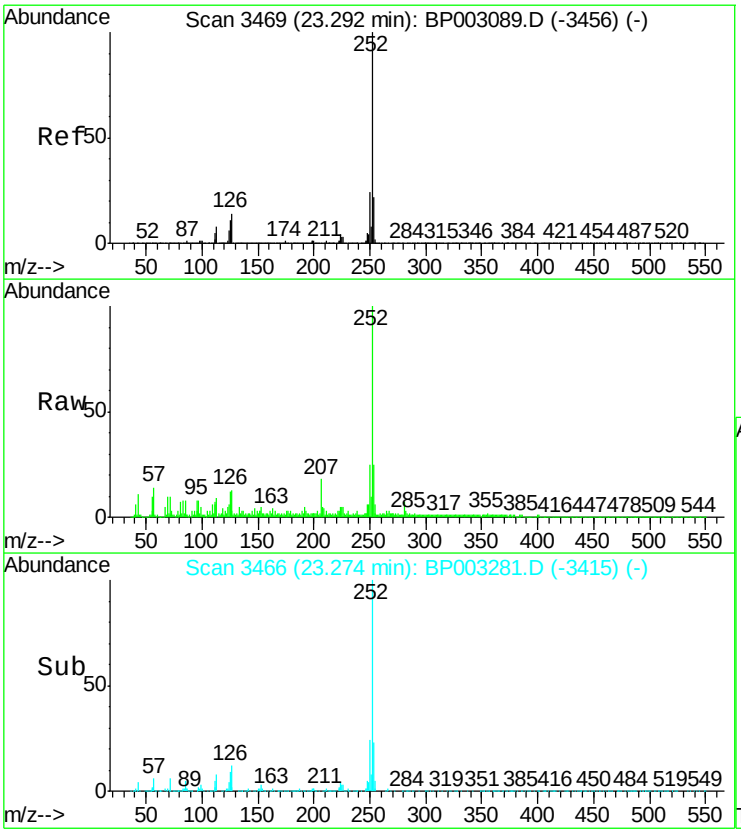
#89
Benzo(k)fluoranthene
Concen: 8.842 ng
RT: 22.70 min Scan# 3369
Delta R.T. -0.04 min
Lab File: BP003281.D
Acq: 14 Sep 2020 22:21

Instrument :
BNA_P
ClientSampleId :
HD-02-091120

Tgt Ion:252 Resp: 430133

Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.8	26.8
125	12.5	7.4	11.2#

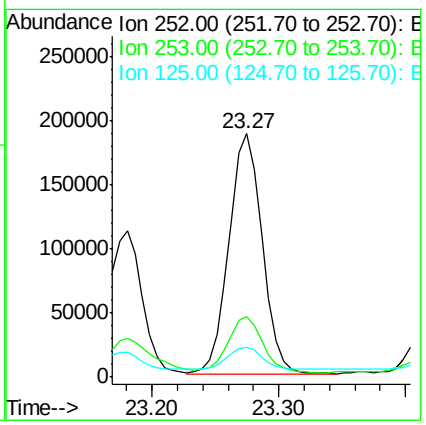


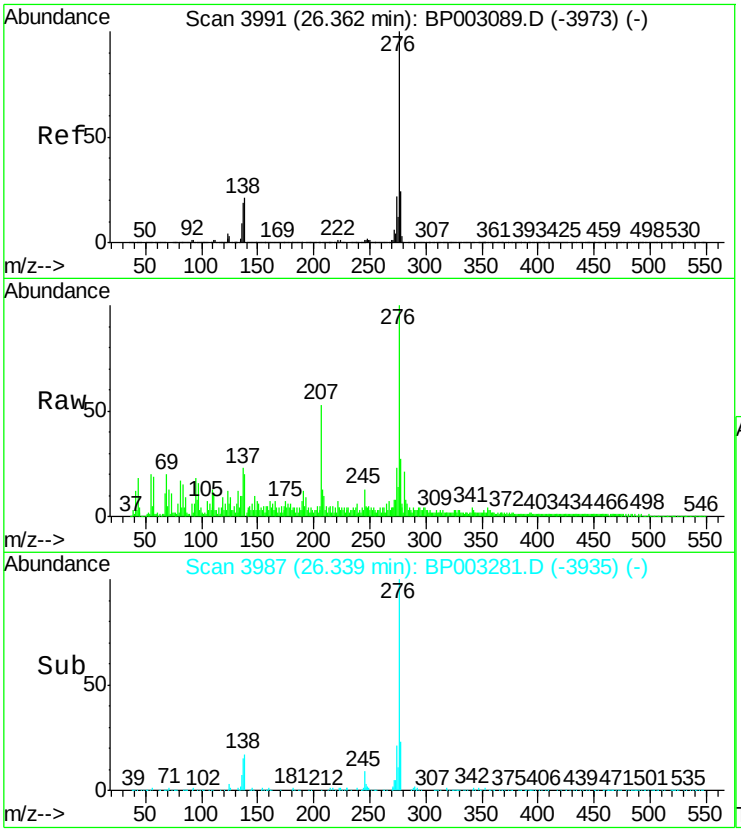


#90
Benzo(a)pyrene
Concen: 7.204 ng
RT: 23.27 min Scan# 3466
Delta R.T. -0.00 min
Lab File: BP003281.D
Acq: 14 Sep 2020 22:21

Tgt Ion:252 Resp: 340255

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.4	26.0
125	12.3	8.2	12.4





#92
Benzo(g,h,i)perylene
Concen: 4.245 ng
RT: 26.34 min Scan# 3987
Delta R.T. 0.01 min
Lab File: BP003281.D
Acq: 14 Sep 2020 22:21

Instrument :
BNA_P
ClientSampleId :
HD-02-091120

Tgt Ion:276 Resp: 213792

Ion	Ratio	Lower	Upper
276	100		
277	27.0	19.0	28.6
138	19.9	16.6	24.8