Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062620\
Data File : BP002559.D
Acq On : 26 Jun 2020 19:37
Operator : CG/JU
Sample : L3113-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DRUM-COMP

Quant Time: Jun 26 23:51:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 24 13:54:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	123391	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	514381	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	340434	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	747387	20.00	ng	0.00
76) Chrysene-d12	21.10	240	692738	20.00	ng	0.00
86) Perylene-d12	23.30	264	603089	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	719148	107.85	ng	0.00
7) Phenol-d6	6.78	99	1040721	117.22	ng	0.00
23) Nitrobenzene-d5	8.73	82	739785	85.89	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	495107	151.90	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	1698626	83.90	ng	0.00
79) Terphenyl-d14	19.58	244	2466470	94.68	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.78	77	2498	Below Cal	#	7
32) Benzoic acid	9.69	122	196	4.632	ng #	67
50) Dimethylphthalate	13.69	163	172471	7.394	ng	100
54) 2,4-Dinitrophenol	14.34	184	26	2.794	ng #	1
61) 4-Chlorophenyl-phenylether	15.26	204	25	Below Cal	#	1
71) Phenanthrene	17.03	178	126429	3.616	ng	98
72) Anthracene	17.03	178	126429	3.640	ng	96
75) Fluoranthene	19.02	202	417164	9.996	ng	98
78) Pyrene	19.37	202	472210	11.129	ng	100
81) Benzo(a)anthracene	21.08	228	290137	7.338	ng	96
83) Chrysene	21.13	228	407542	10.879	ng	97
87) Indeno(1,2,3-cd)pyrene	25.51	276	168147	4.458	ng	97
88) Benzo(b)fluoranthene	22.64	252	644016	19.802	ng	99
89) Benzo(k)fluoranthene	22.64	252	644016	20.841	ng	98
90) Benzo(a)pyrene	23.20	252	292823	9.608	ng	99
92) Benzo(g,h,i)perylene	26.18	276	181978	5.807	ng	99

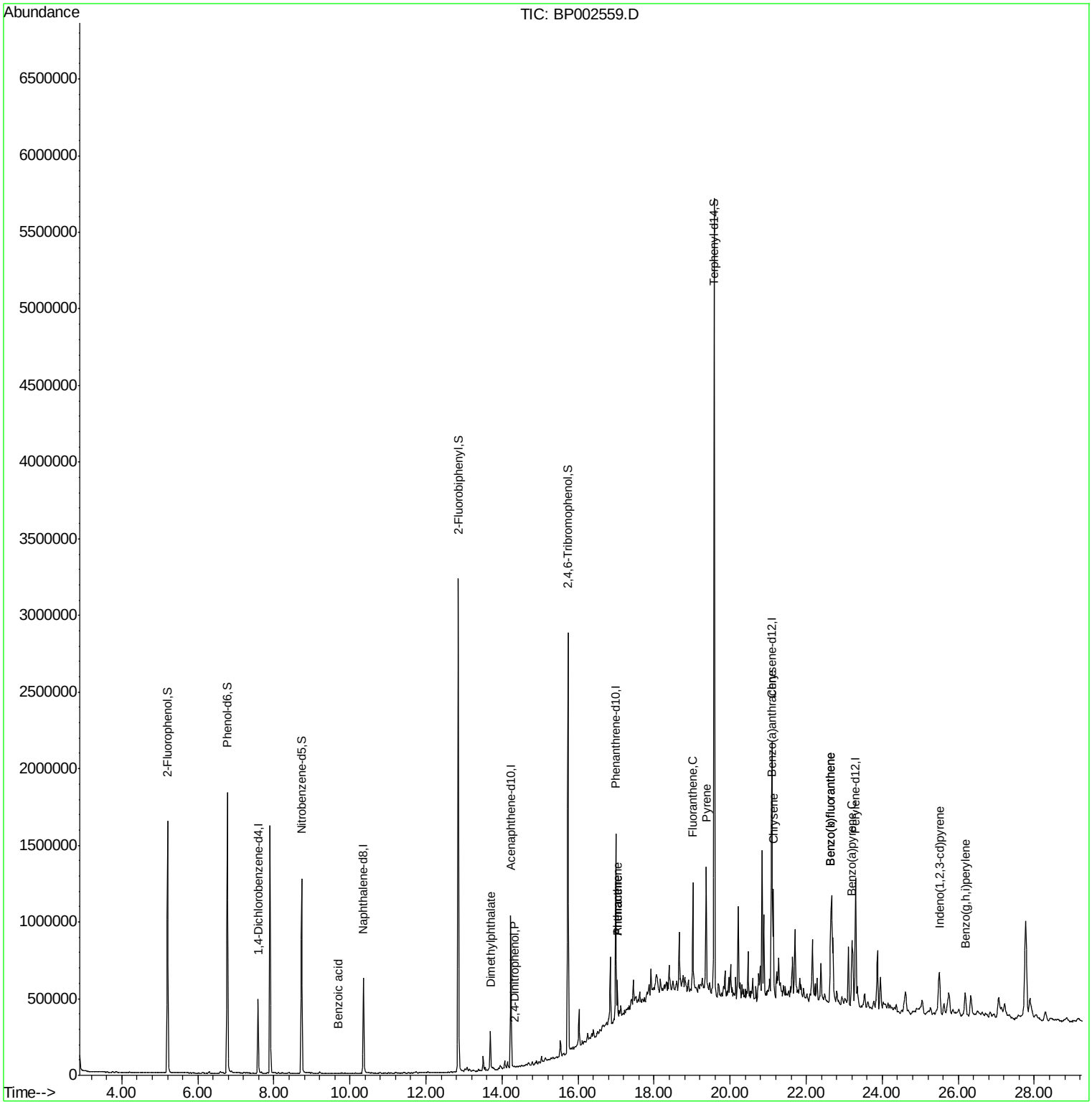
(#) = qualifier out of range (m) = manual integration (+) = signals summed

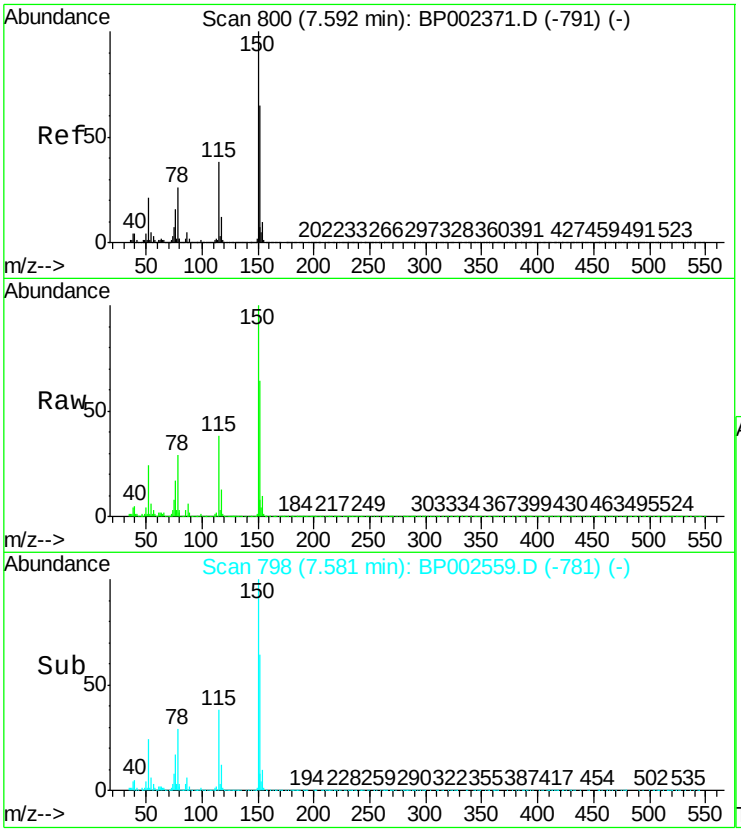
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062620\
Data File : BP002559.D
Acq On : 26 Jun 2020 19:37
Operator : CG/JU
Sample : L3113-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DRUM-COMP

Quant Time: Jun 26 23:51:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 24 13:54:06 2020
Response via : Initial Calibration



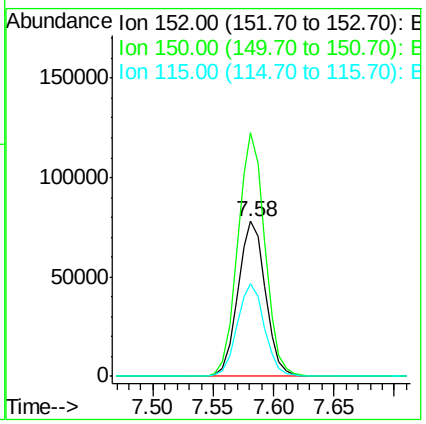


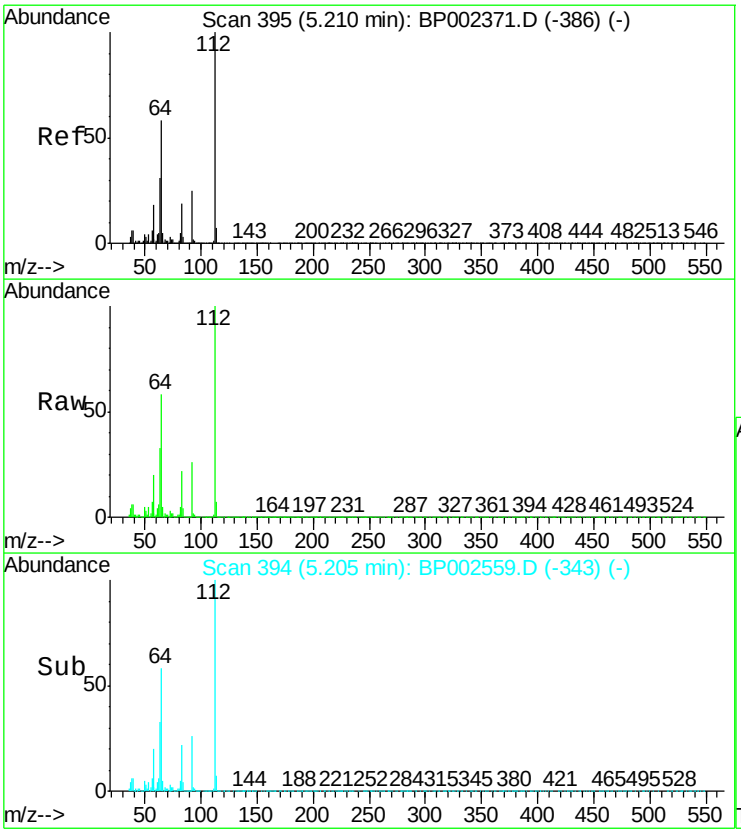
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.58 min Scan# 798
Delta R.T. -0.00 min
Lab File: BP002559.D
Acq: 26 Jun 2020 19:37

Instrument :
BNA_P
ClientSampleId :
DRUM-COMP

Tgt Ion:152 Resp: 123391

Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.4	186.6
115	59.8	47.8	71.6

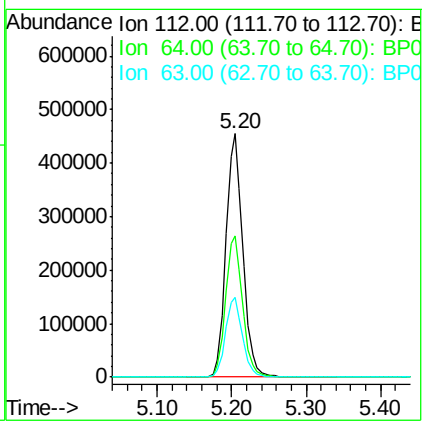


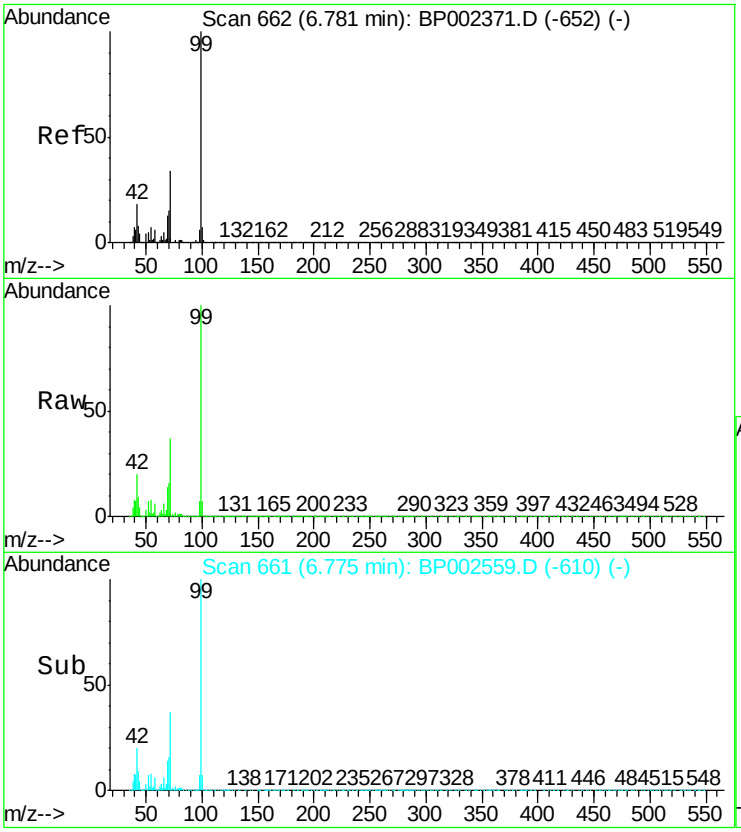


#5
2-Fluorophenol
Concen: 107.846 ng
RT: 5.20 min Scan# 394
Delta R.T. -0.00 min
Lab File: BP002559.D
Acq: 26 Jun 2020 19:37

Tgt Ion:112 Resp: 719148

Ion	Ratio	Lower	Upper
112	100		
64	57.9	46.4	69.6
63	33.0	25.0	37.6



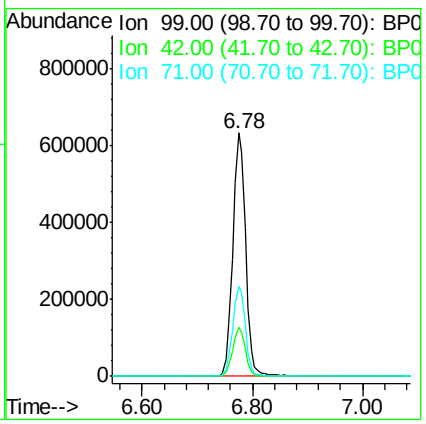


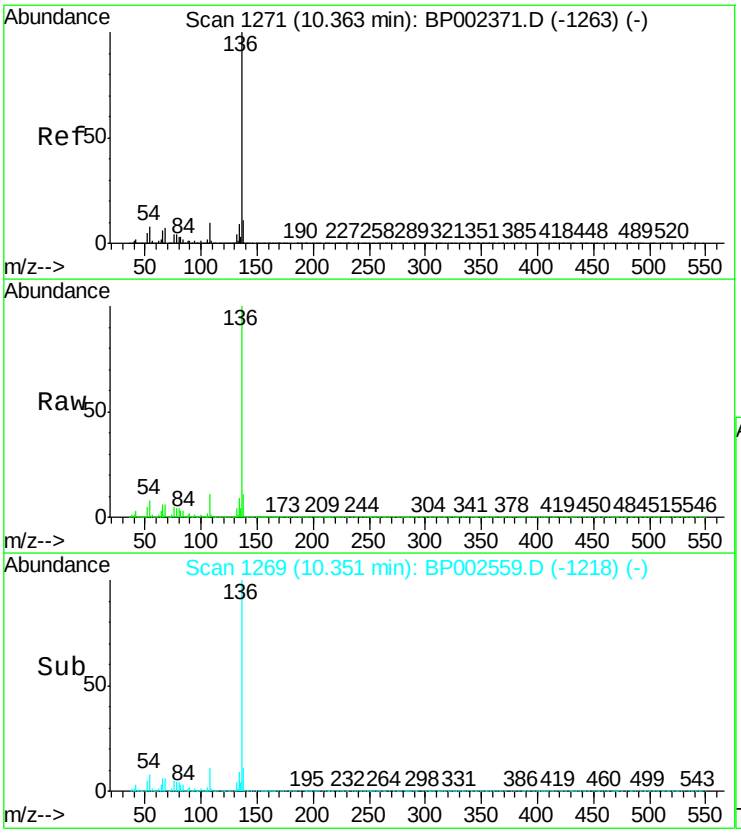
#7
Phenol-d6
Concen: 117.223 ng
RT: 6.78 min Scan# 661
Delta R.T. -0.00 min
Lab File: BP002559.D
Acq: 26 Jun 2020 19:37

Instrument :
BNA_P
ClientSampleId :
DRUM-COMP

Tgt Ion: 99 Resp: 1040721

Ion	Ratio	Lower	Upper
99	100		
42	20.4	15.3	22.9
71	37.0	28.2	42.2

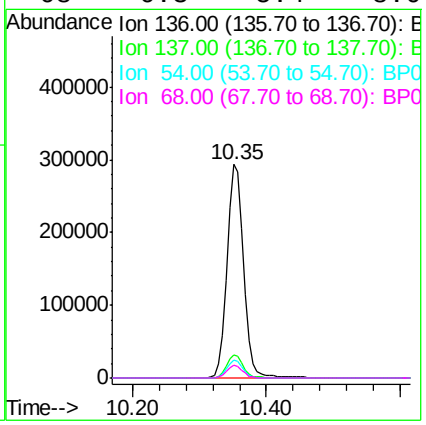


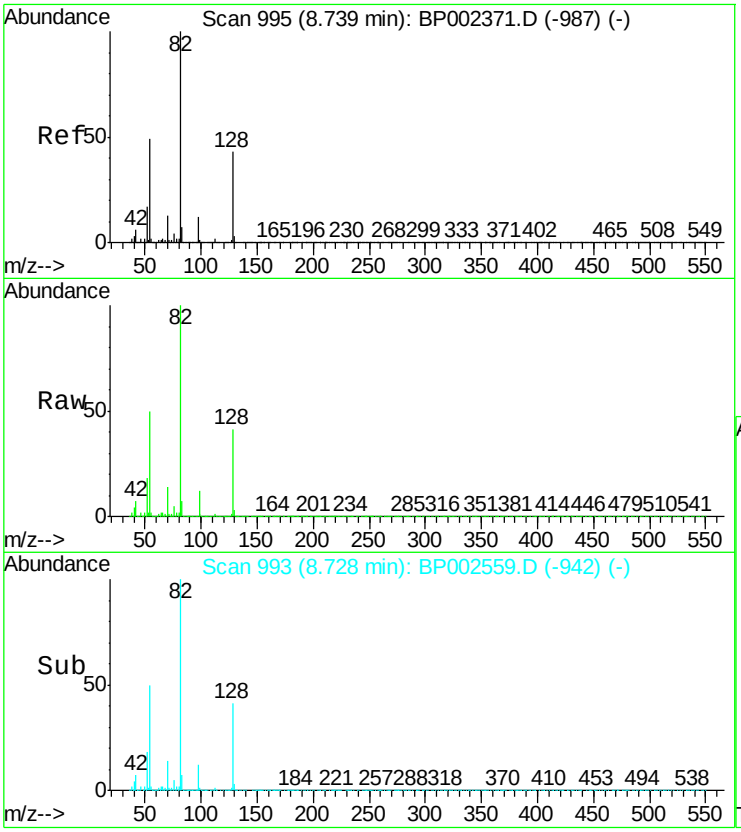


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.35 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BP002559.D
Acq: 26 Jun 2020 19:37

Tgt Ion:136 Resp: 514381

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.4	6.6	10.0
68	6.3	5.4	8.0



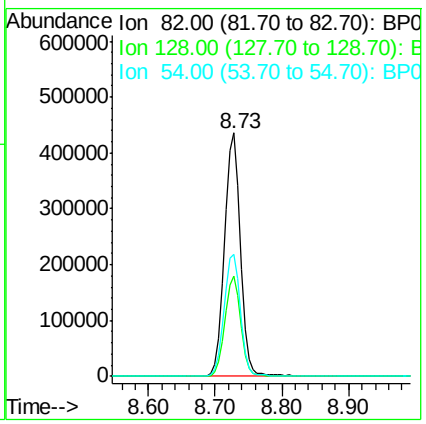


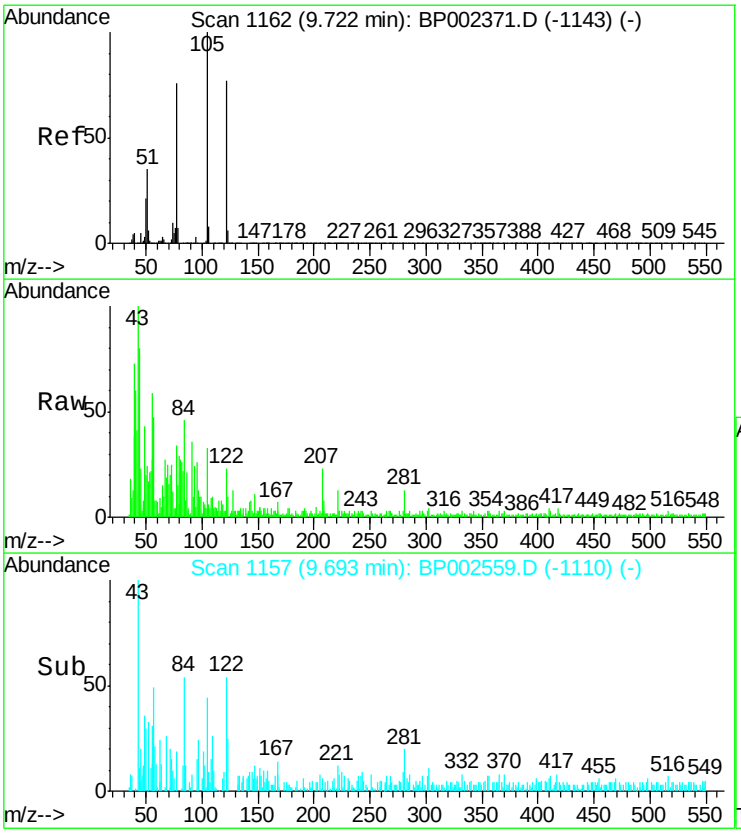
#23
Nitrobenzene-d5
Concen: 85.888 ng
RT: 8.73 min Scan# 993
Delta R.T. -0.00 min
Lab File: BP002559.D
Acq: 26 Jun 2020 19:37

Instrument :
BNA_P
ClientSampleId :
DRUM-COMP

Tgt Ion: 82 Resp: 739785

Ion	Ratio	Lower	Upper
82	100		
128	41.0	32.8	49.2
54	50.2	39.9	59.9

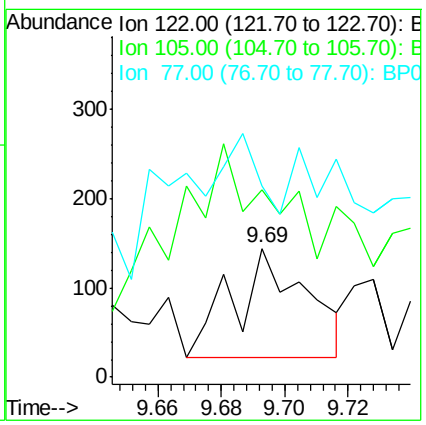


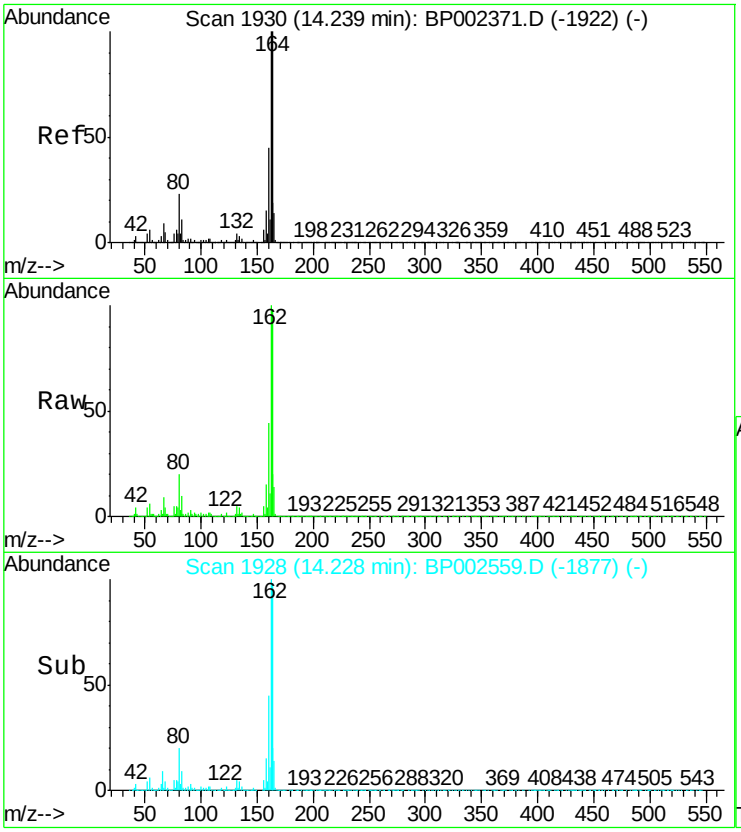


#32
Benzoic acid
Concen: 4.632 ng
RT: 9.69 min Scan# 1157
Delta R.T. -0.02 min
Lab File: BP002559.D
Acq: 26 Jun 2020 19:37

Tgt Ion:122 Resp: 196

Ion	Ratio	Lower	Upper
122	100		
105	145.8	105.0	145.0#
77	148.6	76.9	116.9#



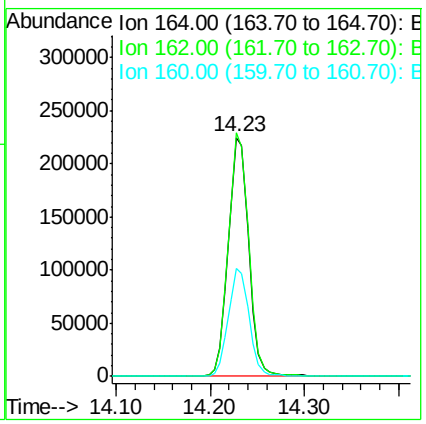


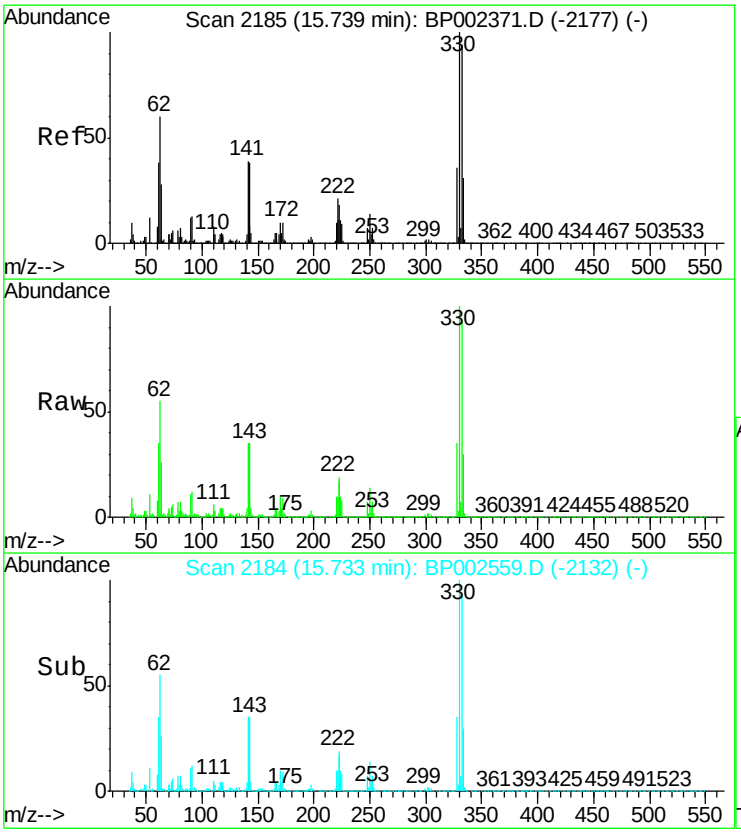
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.23 min Scan# 1928
Delta R.T. -0.00 min
Lab File: BP002559.D
Acq: 26 Jun 2020 19:37

Instrument :
BNA_P
ClientSampleId :
DRUM-COMP

Tgt Ion:164 Resp: 340434

Ion	Ratio	Lower	Upper
164	100		
162	101.8	80.6	121.0
160	45.3	35.4	53.2

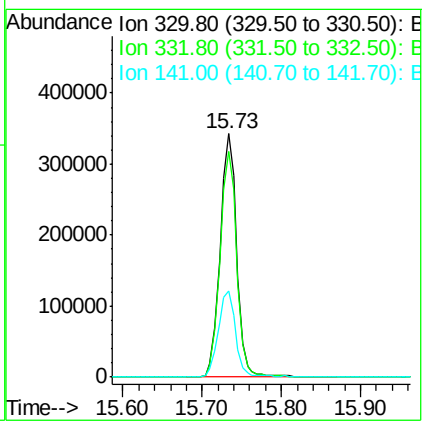


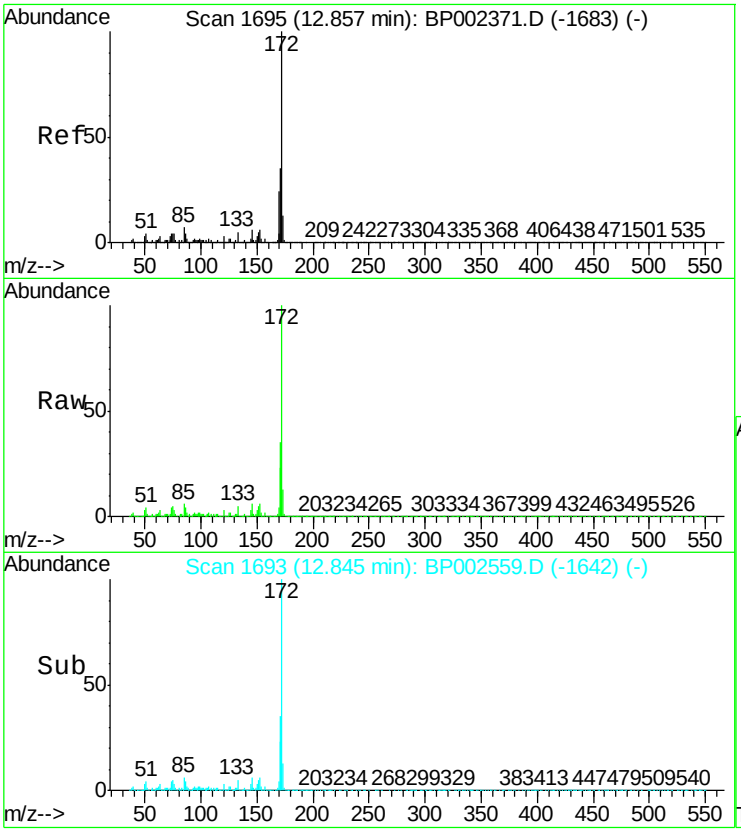


#42
2,4,6-Tribromophenol
Concen: 151.901 ng
RT: 15.73 min Scan# 2184
Delta R.T. 0.01 min
Lab File: BP002559.D
Acq: 26 Jun 2020 19:37

Tgt Ion:330 Resp: 495107

Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.2	115.8
141	36.5	30.4	45.6



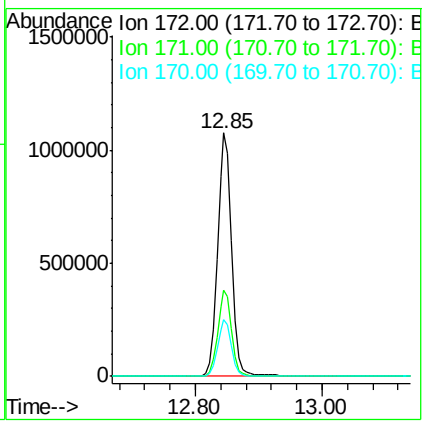


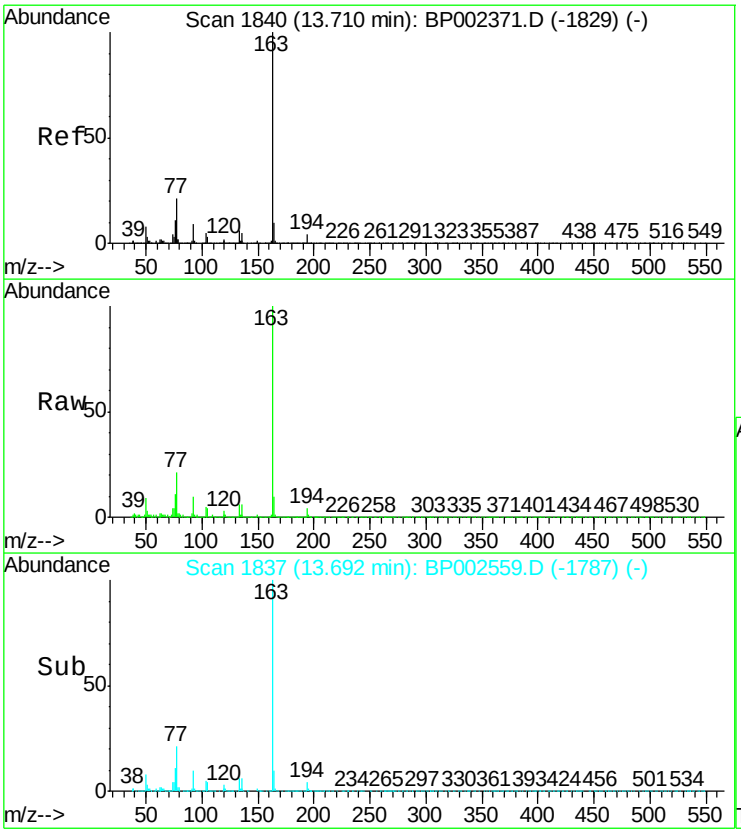
#45
2-Fluorobiphenyl
Concen: 83.896 ng
RT: 12.85 min Scan# 1693
Delta R.T. -0.00 min
Lab File: BP002559.D
Acq: 26 Jun 2020 19:37

Instrument :
BNA_P
ClientSampleId :
DRUM-COMP

Tgt Ion:172 Resp: 1698626

Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.9	41.9
170	23.2	19.0	28.6

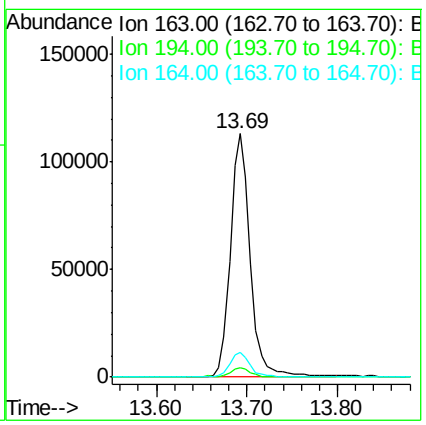


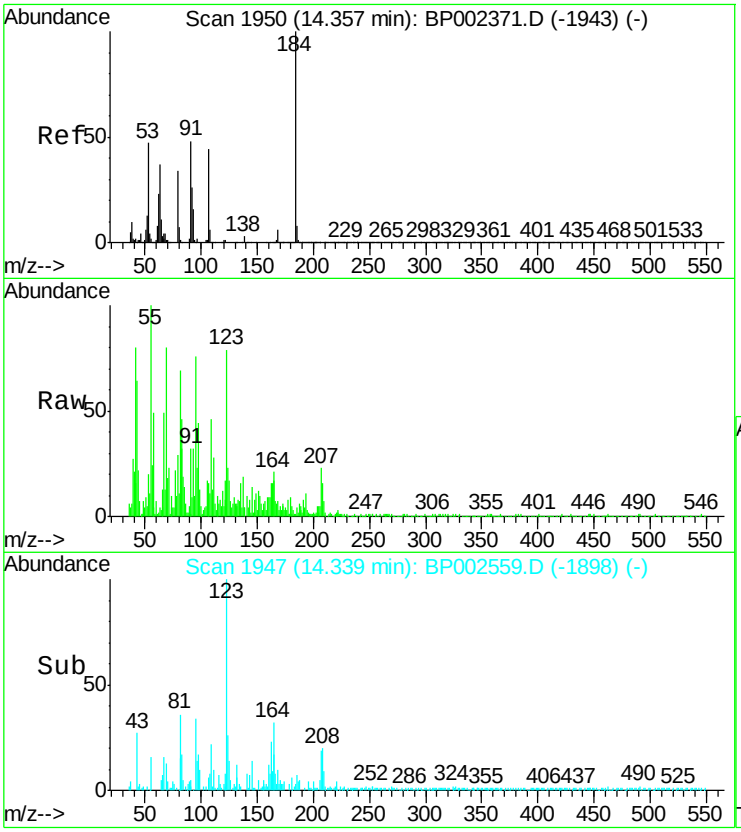


#50
Dimethylphthalate
Concen: 7.394 ng
RT: 13.69 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BP002559.D
Acq: 26 Jun 2020 19:37

Tgt Ion:163 Resp: 172471

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.2	8.2	12.2



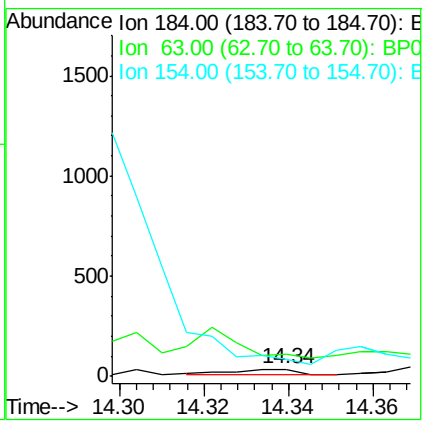


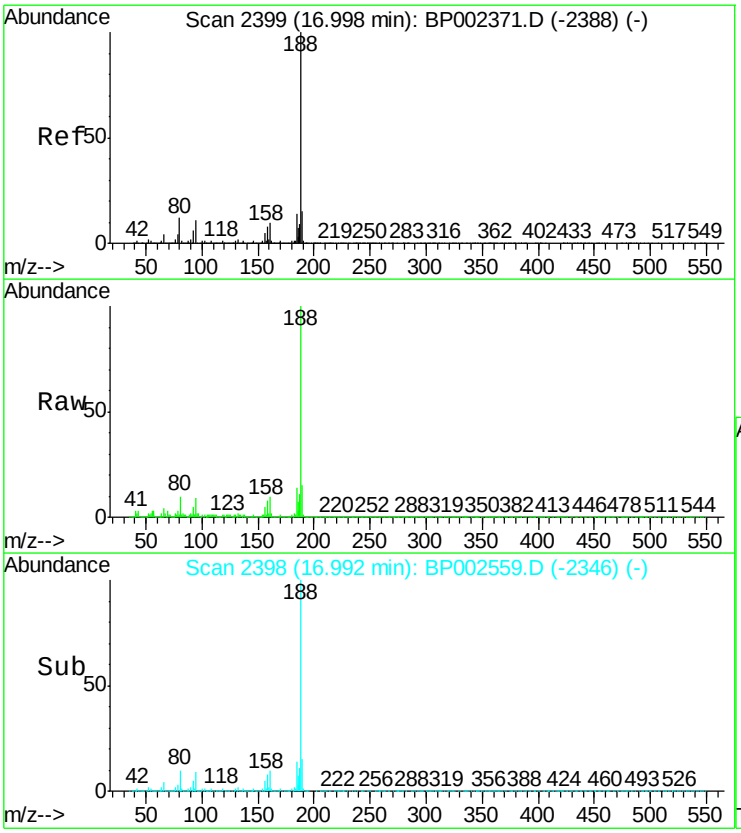
#54
2,4-Dinitrophenol
Concen: 2.794 ng
RT: 14.34 min Scan# 1947
Delta R.T. -0.01 min
Lab File: BP002559.D
Acq: 26 Jun 2020 19:37

Instrument :
BNA_P
ClientSampleId :
DRUM-COMP

Tgt Ion:184 Resp: 26

Ion	Ratio	Lower	Upper
184	100		
63	313.9	51.3	76.9#
154	244.4	50.2	75.2#

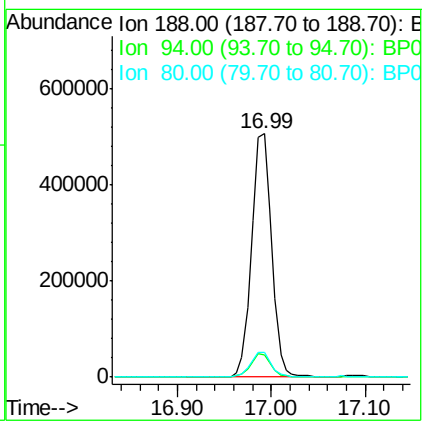


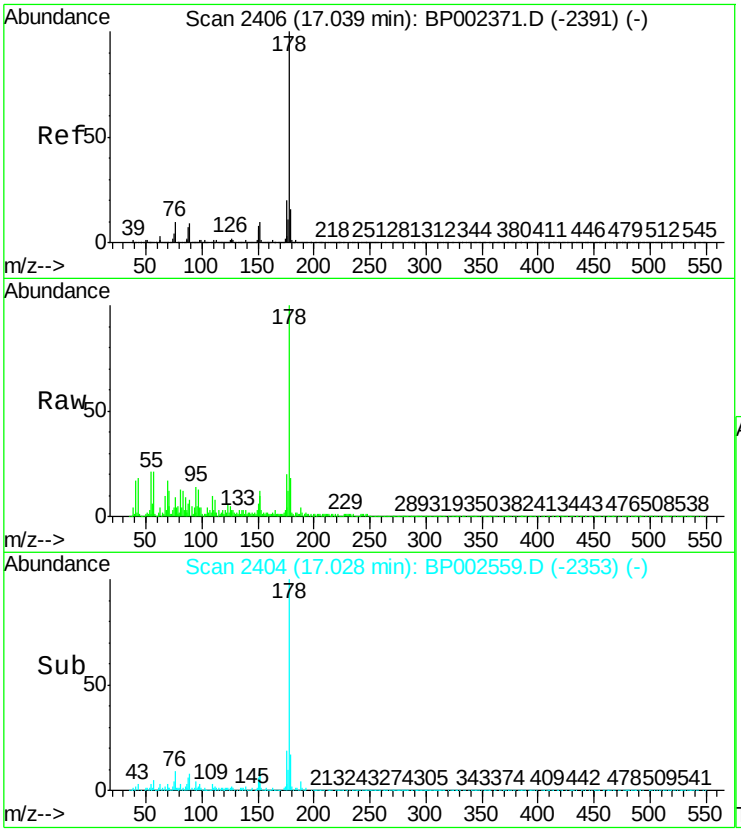


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2398
Delta R.T. 0.01 min
Lab File: BP002559.D
Acq: 26 Jun 2020 19:37

Tgt Ion:188 Resp: 747387

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.6	11.4
80	10.0	8.3	12.5



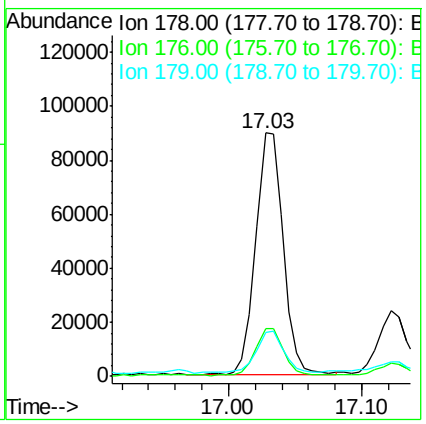


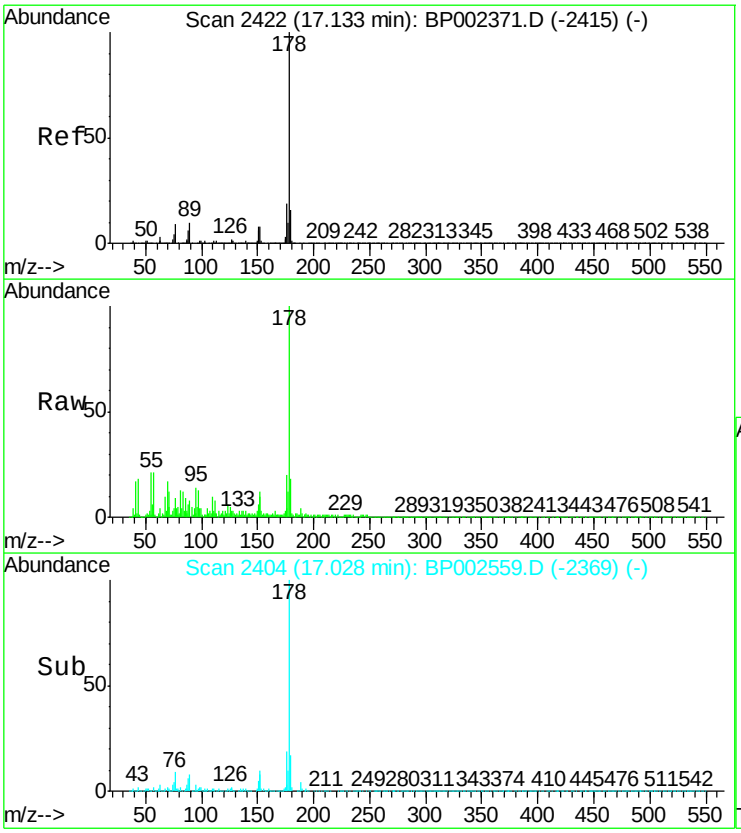
#71
Phenanthrene
Concen: 3.616 ng
RT: 17.03 min Scan# 2404
Delta R.T. -0.00 min
Lab File: BP002559.D
Acq: 26 Jun 2020 19:37

Instrument :
BNA_P
ClientSampleId :
DRUM-COMP

Tgt Ion:178 Resp: 126429

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.6	23.4
179	18.0	12.8	19.2

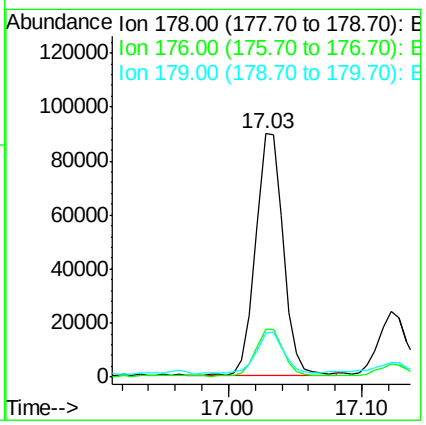


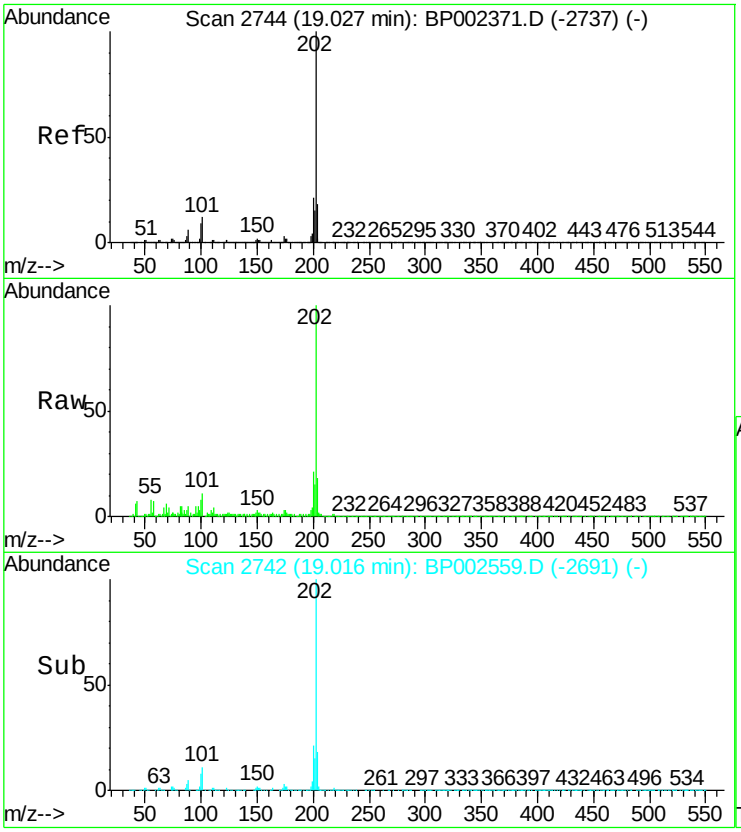


#72
Anthracene
Concen: 3.640 ng
RT: 17.03 min Scan# 2404
Delta R.T. -0.09 min
Lab File: BP002559.D
Acq: 26 Jun 2020 19:37

Tgt Ion:178 Resp: 126429

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.1	22.7
179	18.0	12.3	18.5



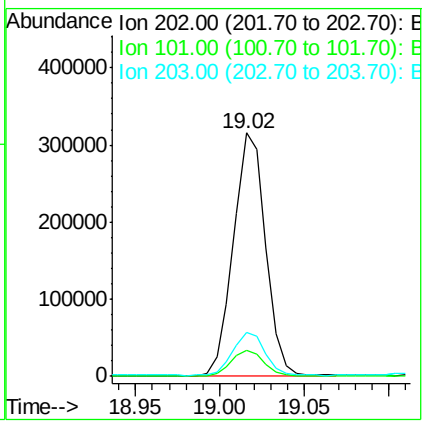


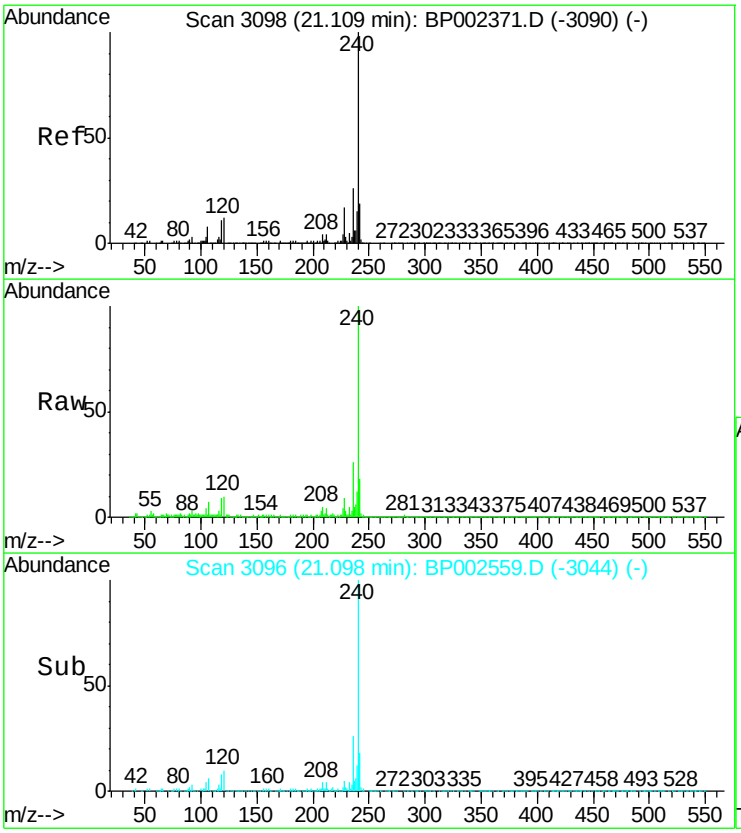
#75
Fluoranthene
Concen: 9.996 ng
RT: 19.02 min Scan# 2742
Delta R.T. -0.00 min
Lab File: BP002559.D
Acq: 26 Jun 2020 19:37

Instrument :
BNA_P
ClientSampleId :
DRUM-COMP

Tgt Ion:202 Resp: 417164

Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	30.3
203	18.2	0.0	36.9

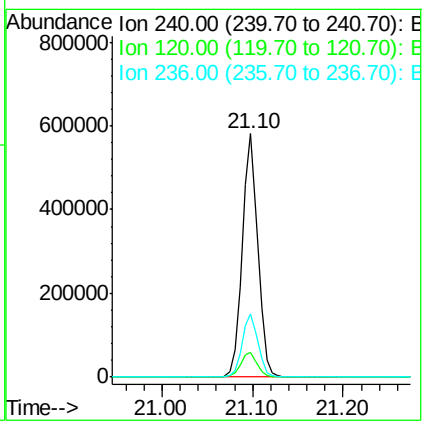


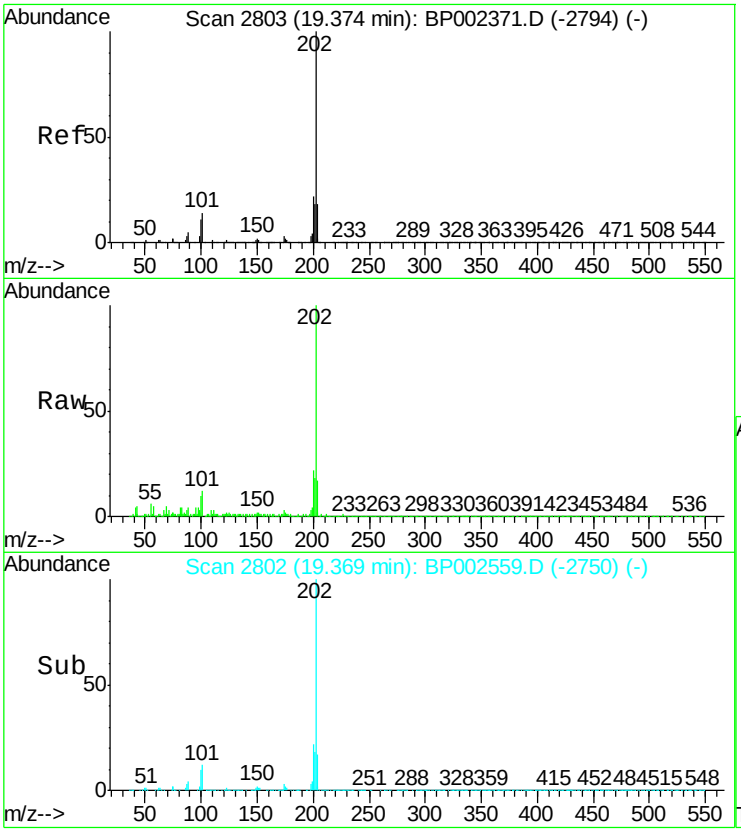


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.10 min Scan# 3096
Delta R.T. 0.01 min
Lab File: BP002559.D
Acq: 26 Jun 2020 19:37

Tgt Ion:240 Resp: 692738

Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.9	13.3
236	25.8	21.7	32.5



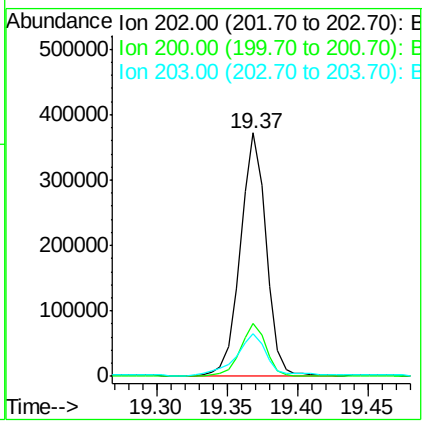


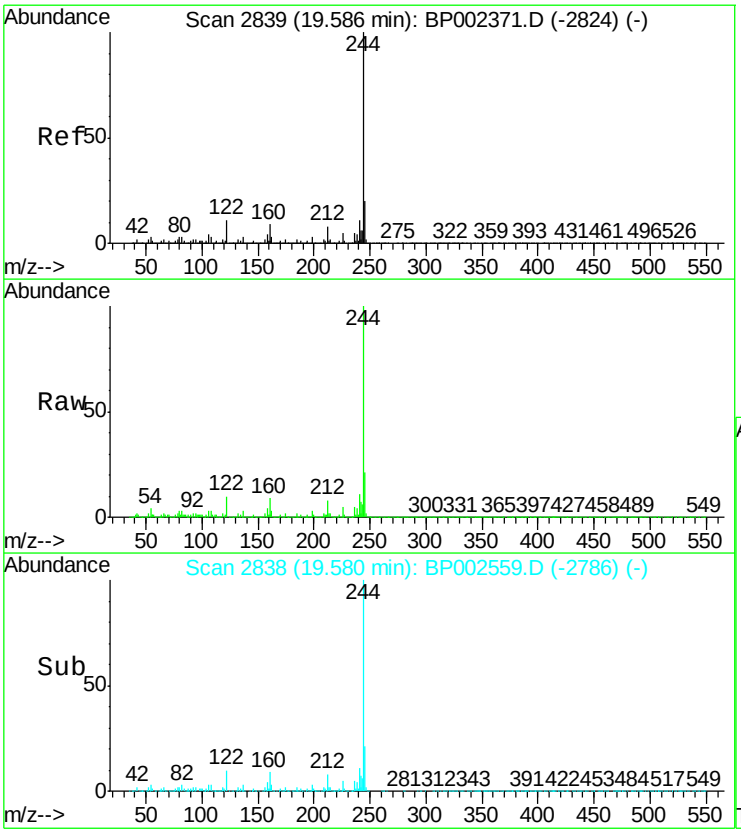
#78
Pyrene
Concen: 11.129 ng
RT: 19.37 min Scan# 2802
Delta R.T. 0.01 min
Lab File: BP002559.D
Acq: 26 Jun 2020 19:37

Instrument :
BNA_P
ClientSampleId :
DRUM-COMP

Tgt Ion:202 Resp: 472210

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	17.4	14.1	21.1

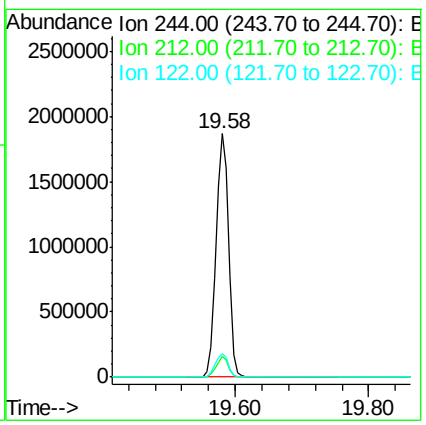


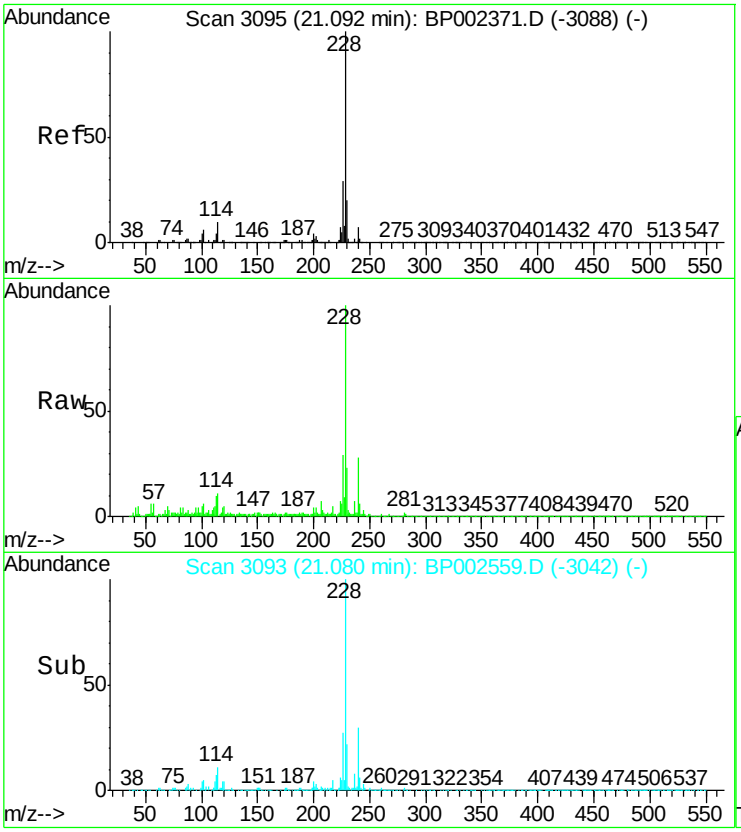


#79
Terphenyl-d14
Concen: 94.677 ng
RT: 19.58 min Scan# 2838
Delta R.T. 0.01 min
Lab File: BP002559.D
Acq: 26 Jun 2020 19:37

Tgt Ion:244 Resp: 2466470

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.5	9.7
122	9.9	8.0	12.0



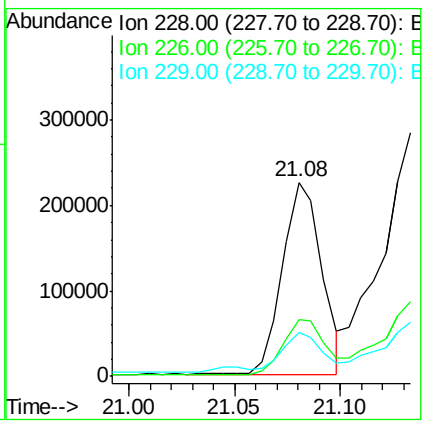


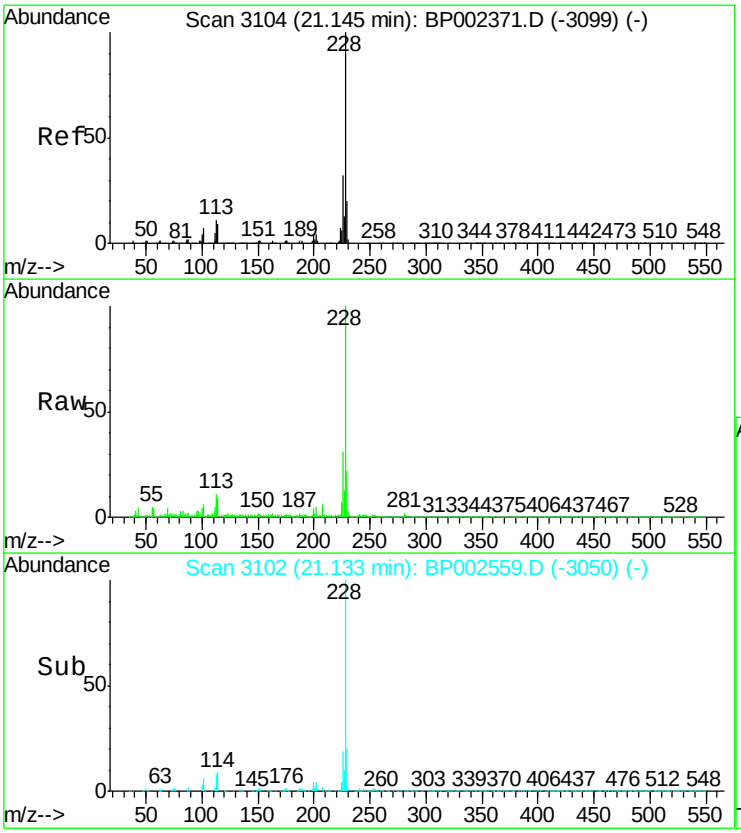
#81
Benzo(a)anthracene
Concen: 7.338 ng
RT: 21.08 min Scan# 3093
Delta R.T. -0.00 min
Lab File: BP002559.D
Acq: 26 Jun 2020 19:37

Instrument :
BNA_P
ClientSampleId :
DRUM-COMP

Tgt Ion:228 Resp: 290137

Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.3	33.5
229	22.8	15.9	23.9

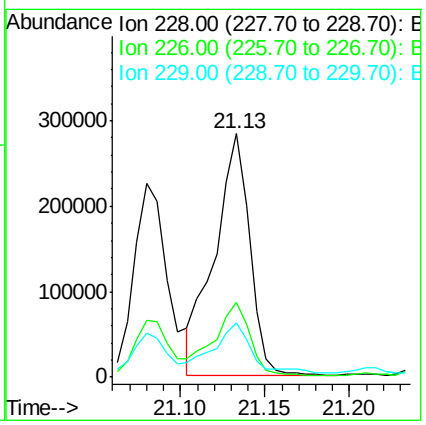


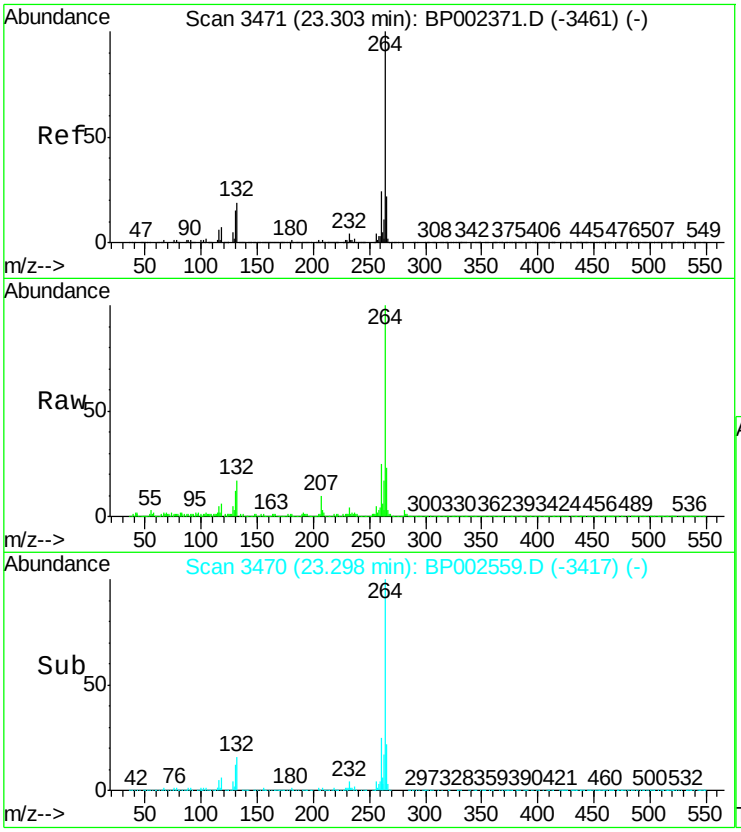


#83
Chrysene
Concen: 10.879 ng
RT: 21.13 min Scan# 3102
Delta R.T. 0.01 min
Lab File: BP002559.D
Acq: 26 Jun 2020 19:37

Tgt Ion:228 Resp: 407542

Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	22.1	15.7	23.5



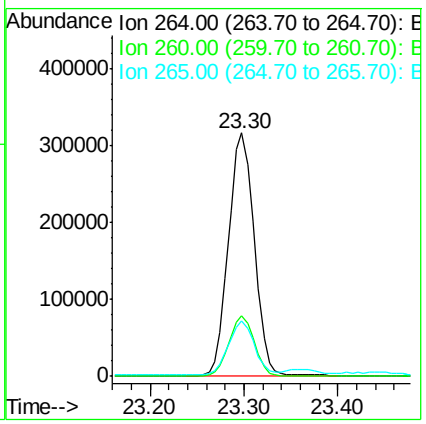


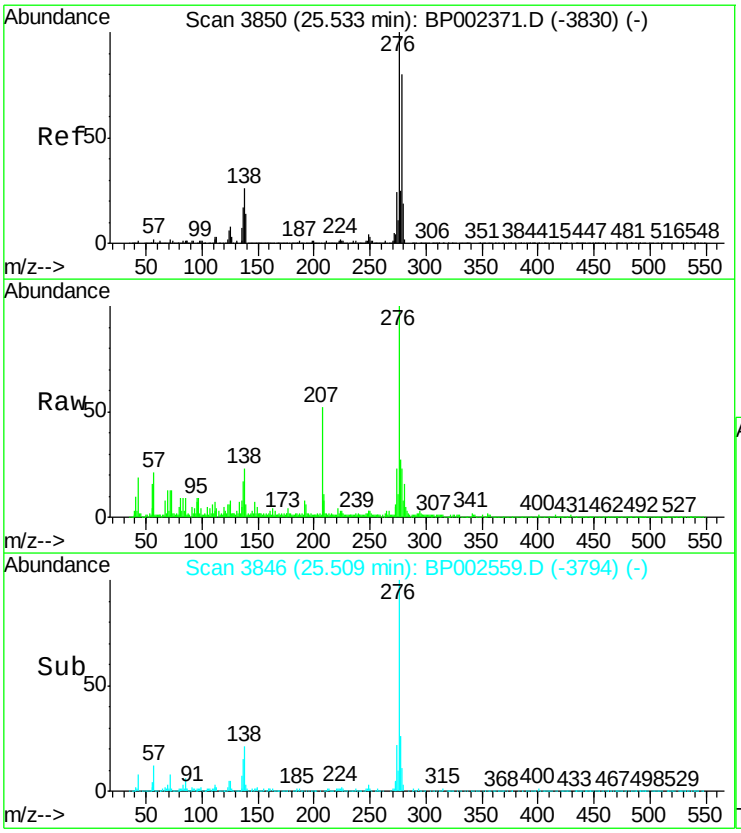
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.30 min Scan# 3470
Delta R.T. 0.01 min
Lab File: BP002559.D
Acq: 26 Jun 2020 19:37

Instrument :
BNA_P
ClientSampleId :
DRUM-COMP

Tgt Ion:264 Resp: 603089

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.7	29.5
265	22.6	17.6	26.4

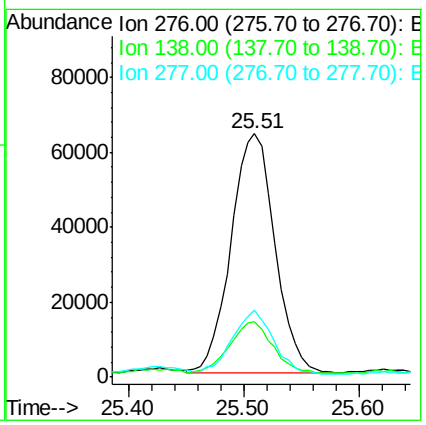


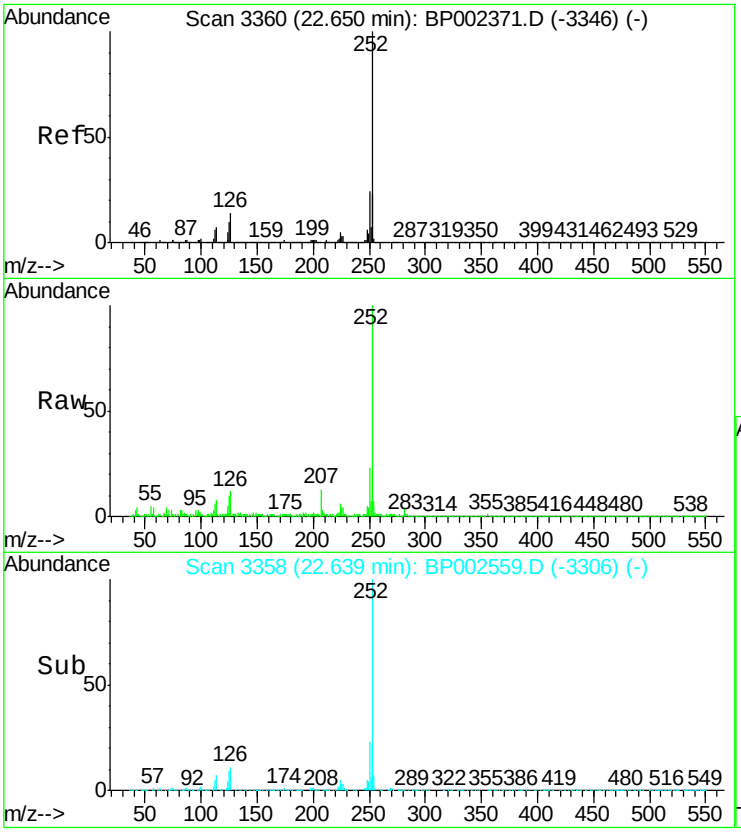


#87
Indeno(1,2,3-cd)pyrene
Concen: 4.458 ng
RT: 25.51 min Scan# 3846
Delta R.T. 0.01 min
Lab File: BP002559.D
Acq: 26 Jun 2020 19:37

Tgt Ion:276 Resp: 168147

Ion	Ratio	Lower	Upper
276	100		
138	21.3	19.4	29.0
277	25.1	20.4	30.6



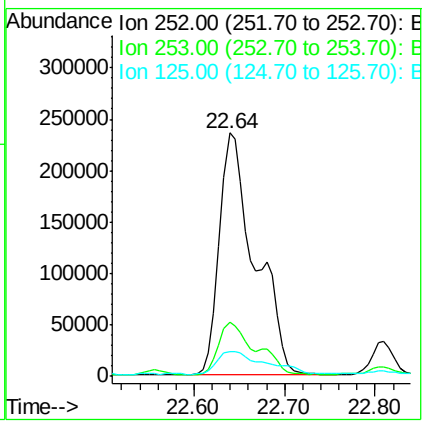


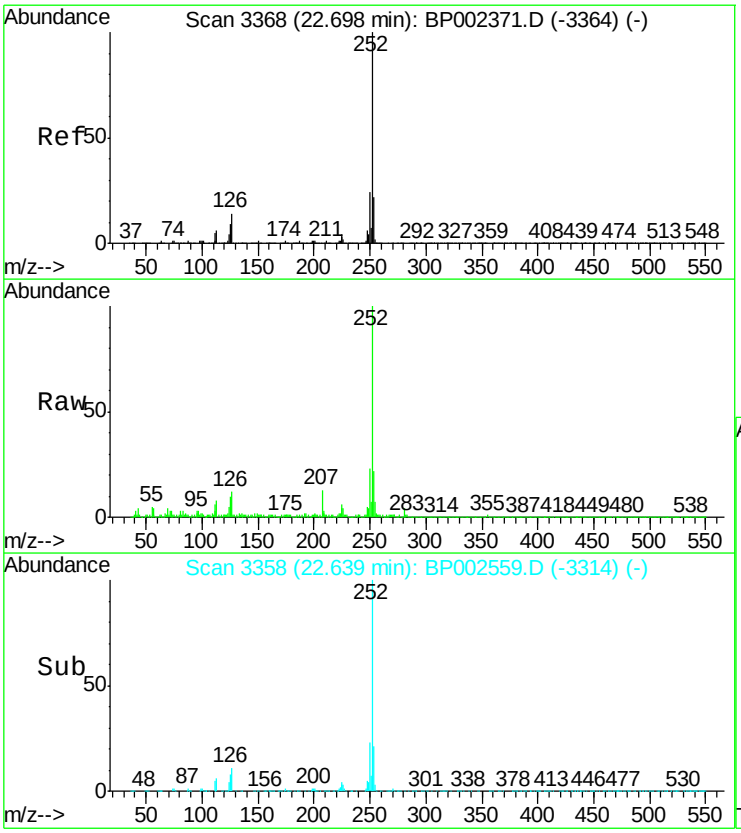
#88
Benzo(b)fluoranthene
Concen: 19.802 ng
RT: 22.64 min Scan# 3358
Delta R.T. 0.01 min
Lab File: BP002559.D
Acq: 26 Jun 2020 19:37

Instrument :
BNA_P
ClientSampleId :
DRUM-COMP

Tgt Ion:252 Resp: 644016

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	10.0	7.5	11.3

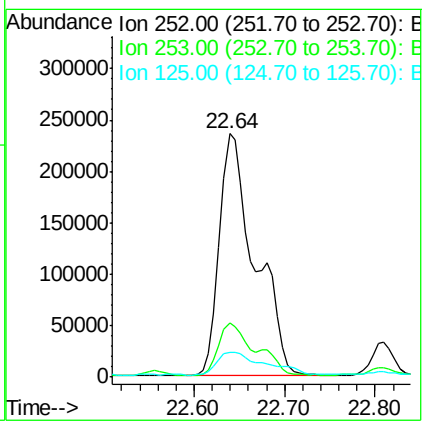


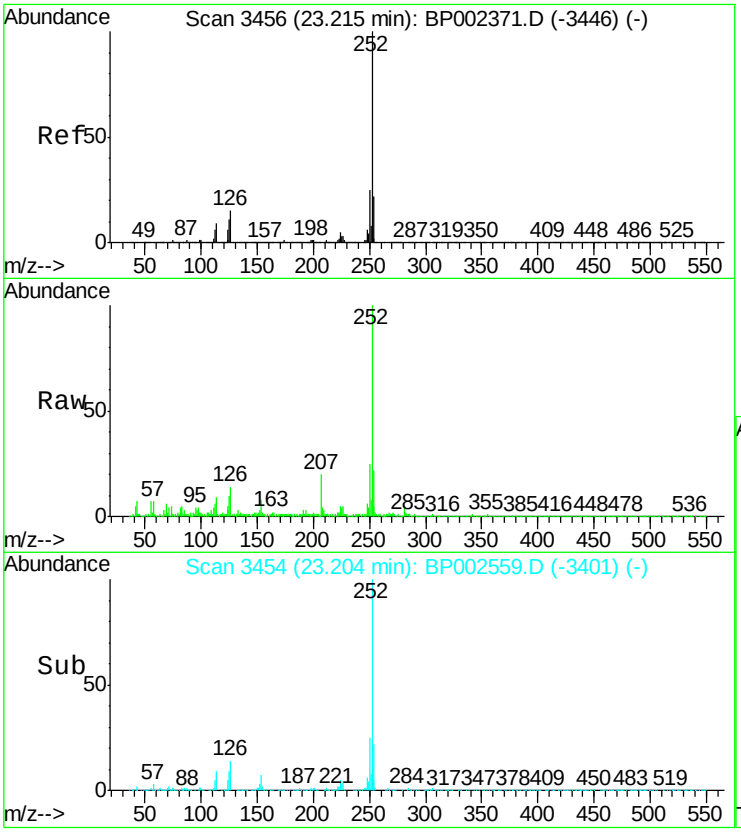


#89
Benzo(k)fluoranthene
Concen: 20.841 ng
RT: 22.64 min Scan# 3358
Delta R.T. -0.04 min
Lab File: BP002559.D
Acq: 26 Jun 2020 19:37

Tgt Ion:252 Resp: 644016

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	10.0	7.0	10.4



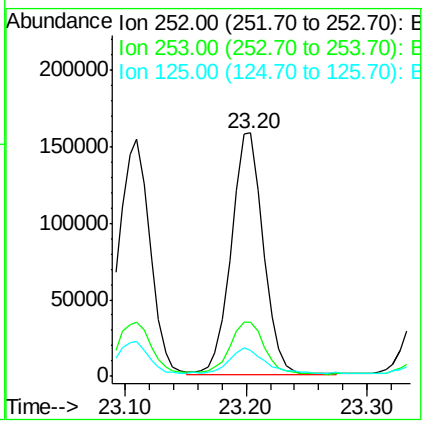


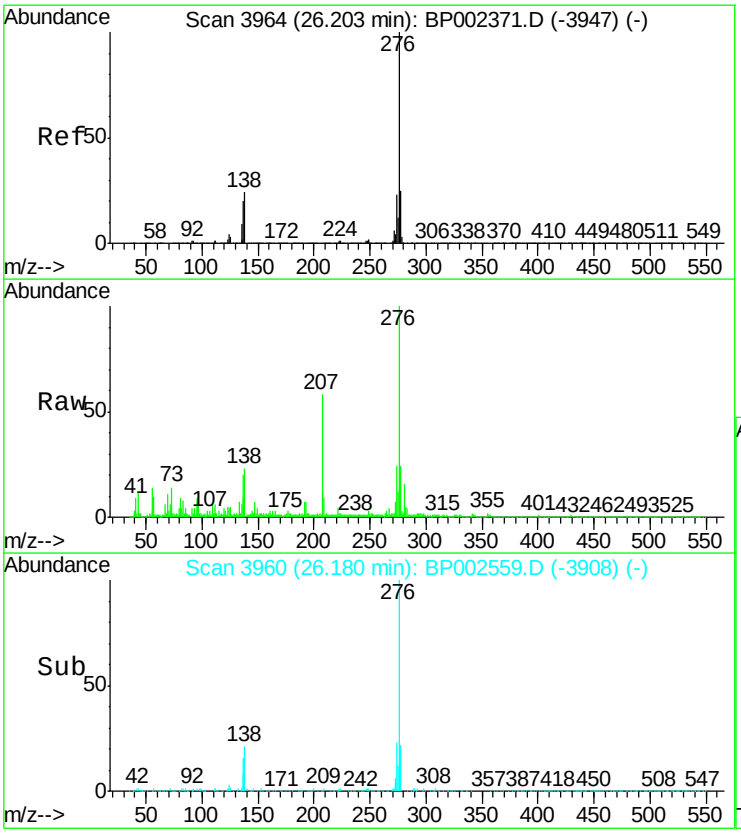
#90
Benzo(a)pyrene
Concen: 9.608 ng
RT: 23.20 min Scan# 3454
Delta R.T. 0.01 min
Lab File: BP002559.D
Acq: 26 Jun 2020 19:37

Instrument :
BNA_P
ClientSampleId :
DRUM-COMP

Tgt Ion:252 Resp: 292823

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.4
125	10.5	8.7	13.1





#92
Benzo(g,h,i)perylene
Concen: 5.807 ng
RT: 26.18 min Scan# 3960
Delta R.T. 0.01 min
Lab File: BP002559.D
Acq: 26 Jun 2020 19:37

Tgt Ion:276 Resp: 181978

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.7	28.1
138	22.9	17.6	26.4