Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061920\
Data File : BP002467.D
Acq On : 19 Jun 2020 19:59
Operator : CG/JU
Sample : L3035-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 2-SP-3-5

Quant Time: Jun 20 02:24:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 05 15:08:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	191519	20.00	ng		0.00
21) Naphthalene-d8	10.36	136	817971	20.00	ng		0.00
39) Acenaphthene-d10	14.23	164	510127	20.00	ng		0.00
64) Phenanthrene-d10	16.99	188	1136685	20.00	ng		-0.01
76) Chrysene-d12	21.09	240	1065949	20.00	ng		-0.02
86) Perylene-d12	23.29	264	896037	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	985567	95.22	ng		0.00
7) Phenol-d6	6.78	99	1456393	105.69	ng		0.00
23) Nitrobenzene-d5	8.73	82	1081208	78.94	ng		-0.01
42) 2,4,6-Tribromophenol	15.73	330	526601	107.82	ng		0.00
45) 2-Fluorobiphenyl	12.85	172	2221163	73.21	ng		0.00
79) Terphenyl-d14	19.58	244	3340187	78.38	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.70	77	178	Below Cal		#	29
32) Benzoic acid	9.73	122	72	4.607	ng	#	30
50) Dimethylphthalate	13.69	163	334679	9.575	ng		100
54) 2,4-Dinitrophenol	14.35	184	26	2.792	ng	#	1
61) 4-Chlorophenyl-phenylether	15.31	204	29	Below Cal		#	46
71) Phenanthrene	17.03	178	376987	7.090	ng		100
72) Anthracene	17.12	178	113244	2.144	ng		98
75) Fluoranthene	19.02	202	779525	12.282	ng		98
78) Pyrene	19.37	202	704049	10.783	ng		97
81) Benzo(a)anthracene	21.08	228	368559	6.057	ng		98
83) Chrysene	21.13	228	303449	5.264	ng		97
87) Indeno(1,2,3-cd)pyrene	25.49	276	166792	2.976	ng		97
88) Benzo(b)fluoranthene	22.63	252	371251	7.683	ng	#	96
89) Benzo(k)fluoranthene	22.63	252	371251	8.086	ng	#	96
90) Benzo(a)pyrene	23.19	252	268829	5.937	ng		97
92) Benzo(g,h,i)perylene	26.16	276	159141	3.418	ng		97

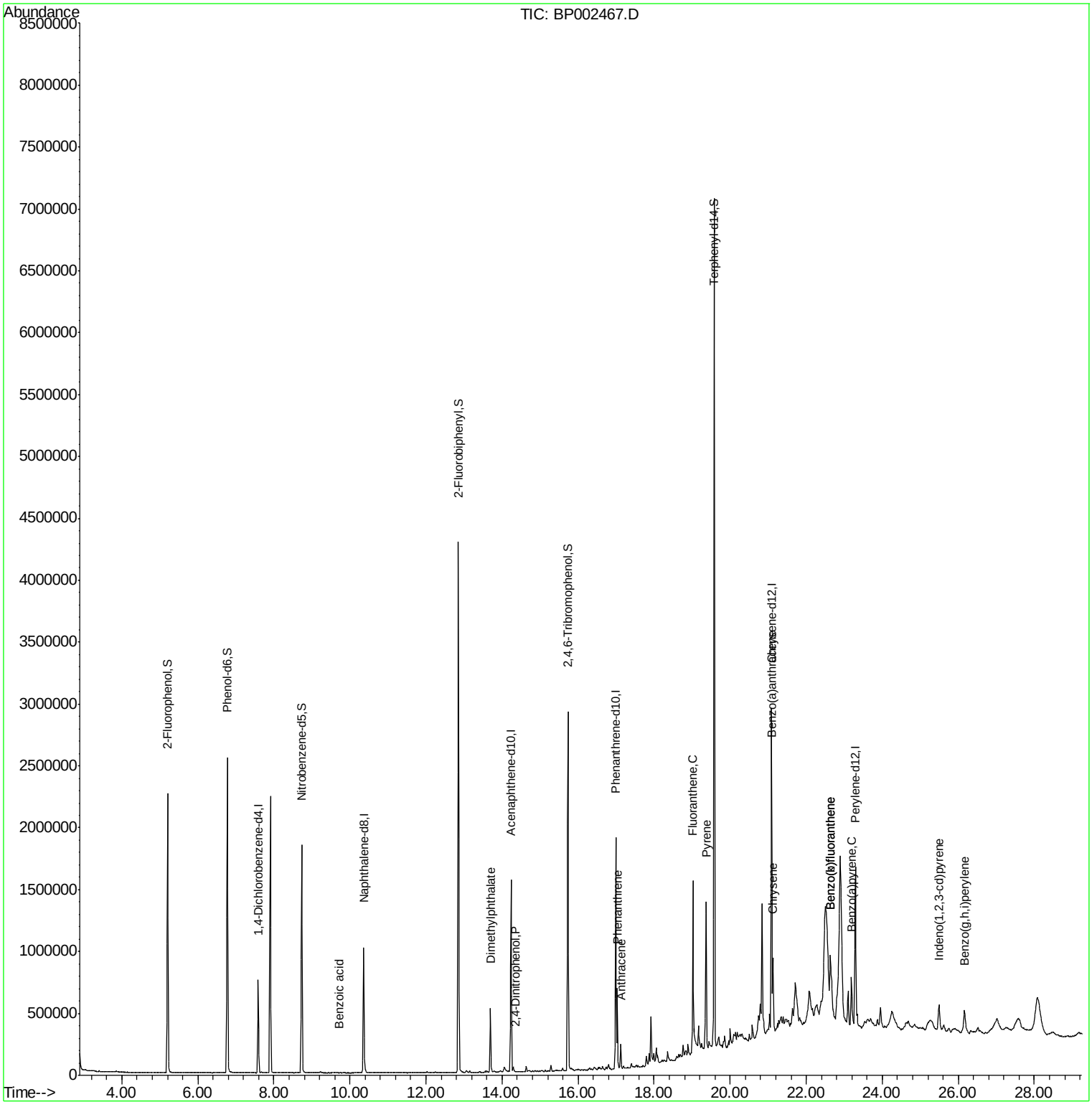
(#) = qualifier out of range (m) = manual integration (+) = signals summed

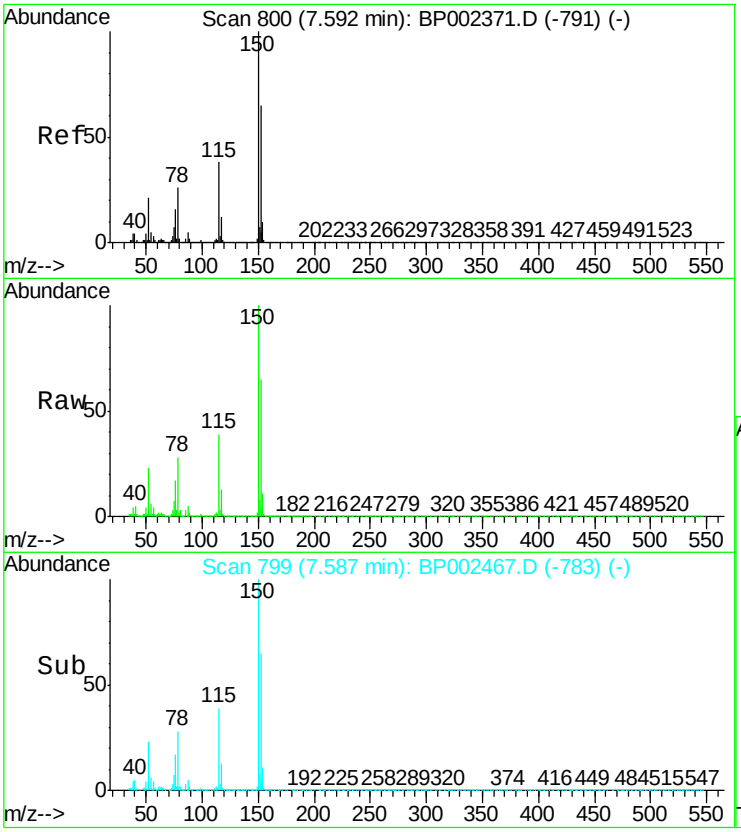
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061920\
Data File : BP002467.D
Acq On : 19 Jun 2020 19:59
Operator : CG/JU
Sample : L3035-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 2-SP-3-5

Quant Time: Jun 20 02:24:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 05 15:08:53 2020
Response via : Initial Calibration



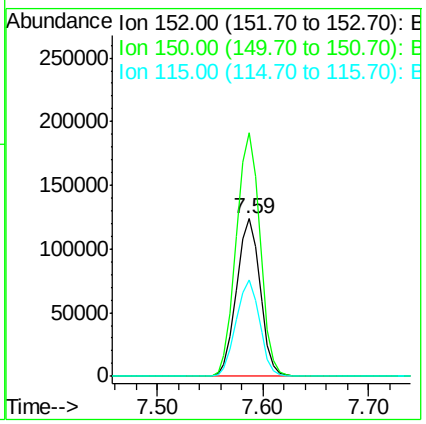


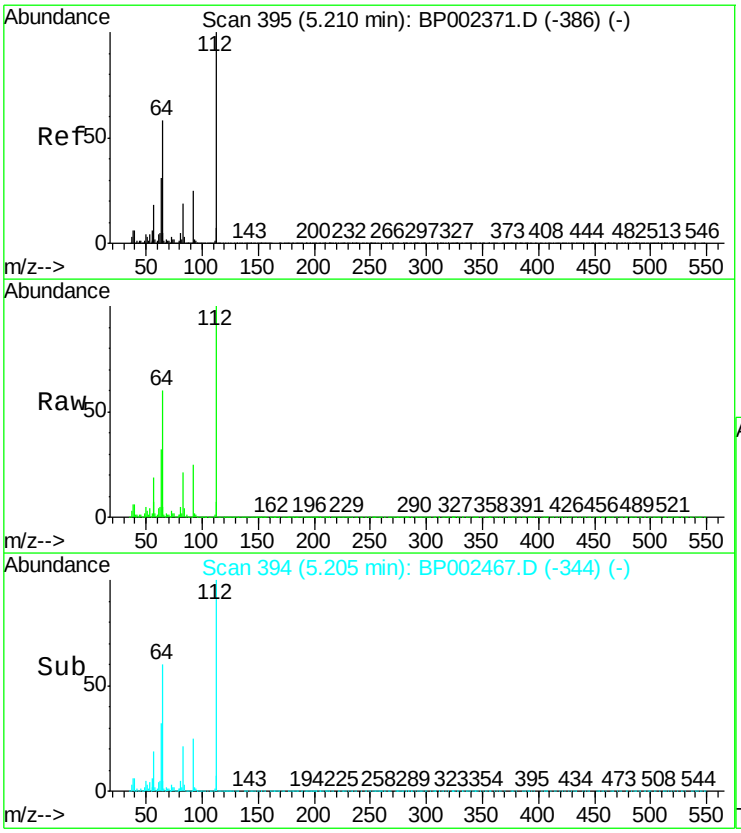
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.59 min Scan# 799
Delta R.T. -0.01 min
Lab File: BP002467.D
Acq: 19 Jun 2020 19:59

Instrument :
BNA_P
ClientSampleId :
2-SP-3-5

Tgt Ion:152 Resp: 191519

Ion	Ratio	Lower	Upper
152	100		
150	154.5	124.0	186.0
115	60.9	47.4	71.0

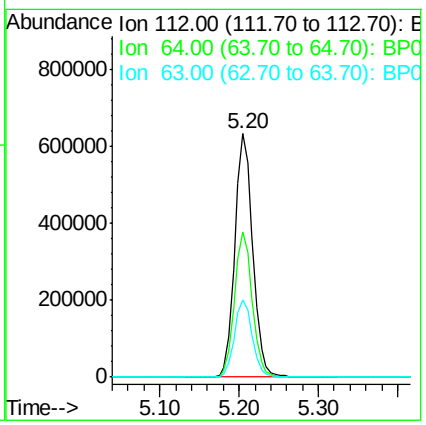


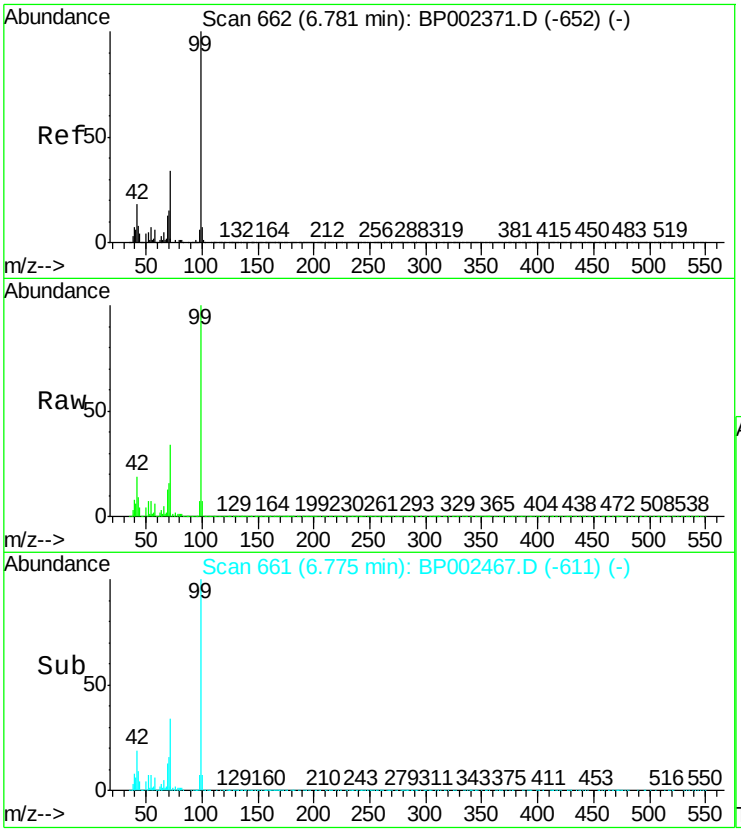


#5
2-Fluorophenol
Concen: 95.223 ng
RT: 5.20 min Scan# 394
Delta R.T. -0.01 min
Lab File: BP002467.D
Acq: 19 Jun 2020 19:59

Tgt Ion:112 Resp: 985567

Ion	Ratio	Lower	Upper
112	100		
64	59.7	46.2	69.2
63	31.9	24.5	36.7



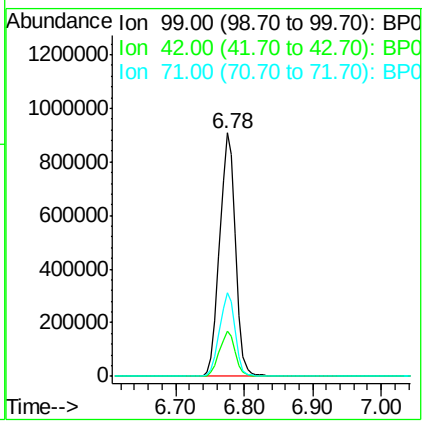


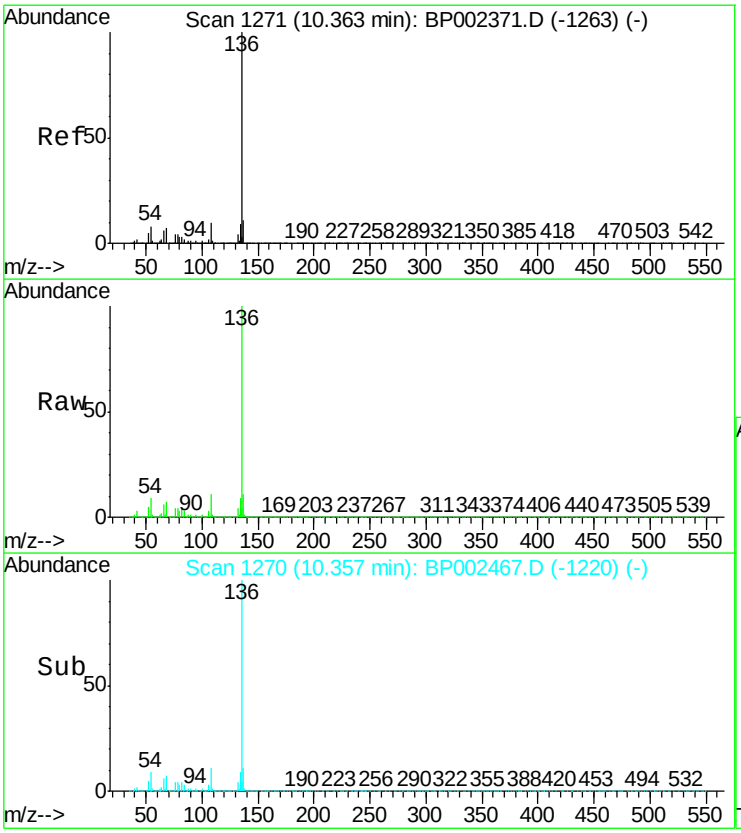
#7
Phenol-d6
Concen: 105.689 ng
RT: 6.78 min Scan# 661
Delta R.T. -0.01 min
Lab File: BP002467.D
Acq: 19 Jun 2020 19:59

Instrument :
BNA_P
ClientSampleId :
2-SP-3-5

Tgt Ion: 99 Resp: 1456393

Ion	Ratio	Lower	Upper
99	100		
42	18.6	14.6	22.0
71	34.5	27.2	40.8

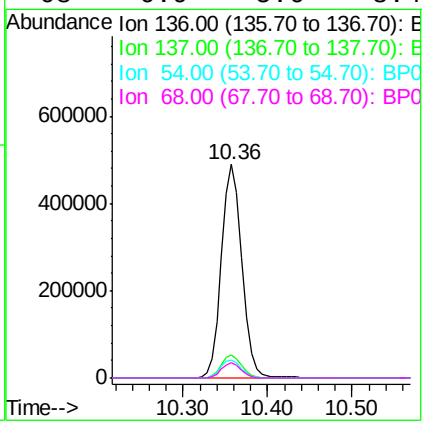


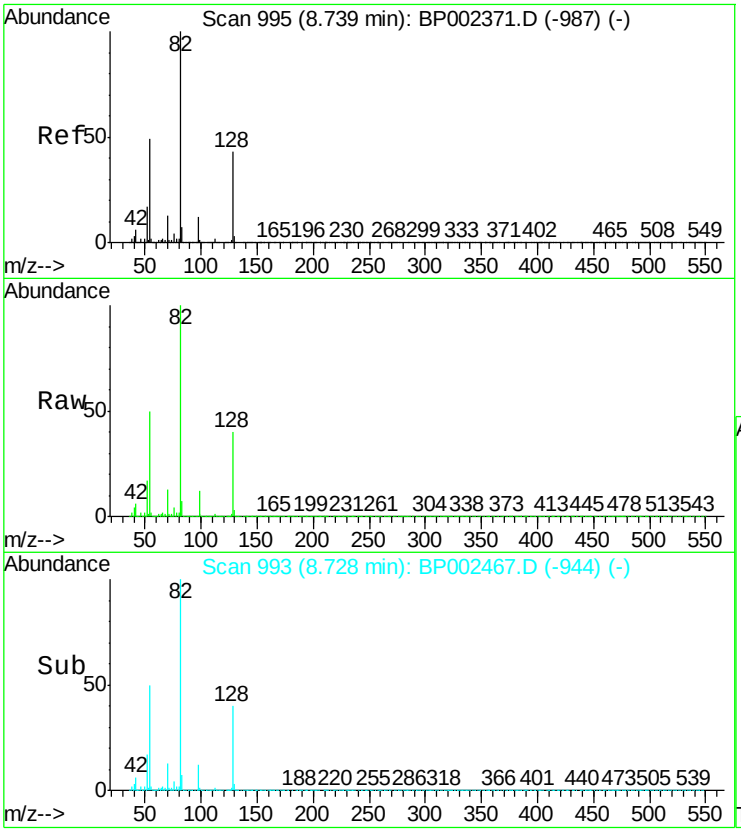


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.36 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BP002467.D
Acq: 19 Jun 2020 19:59

Tgt Ion:136 Resp: 817971

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	8.7	6.4	9.6
68	6.9	5.6	8.4



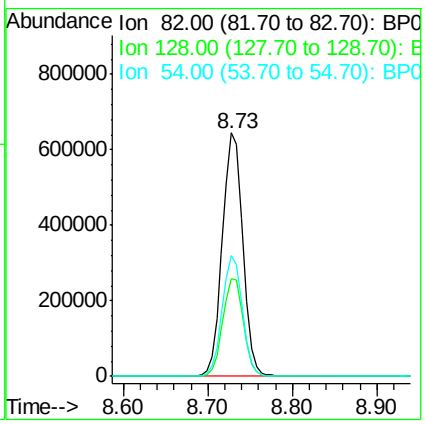


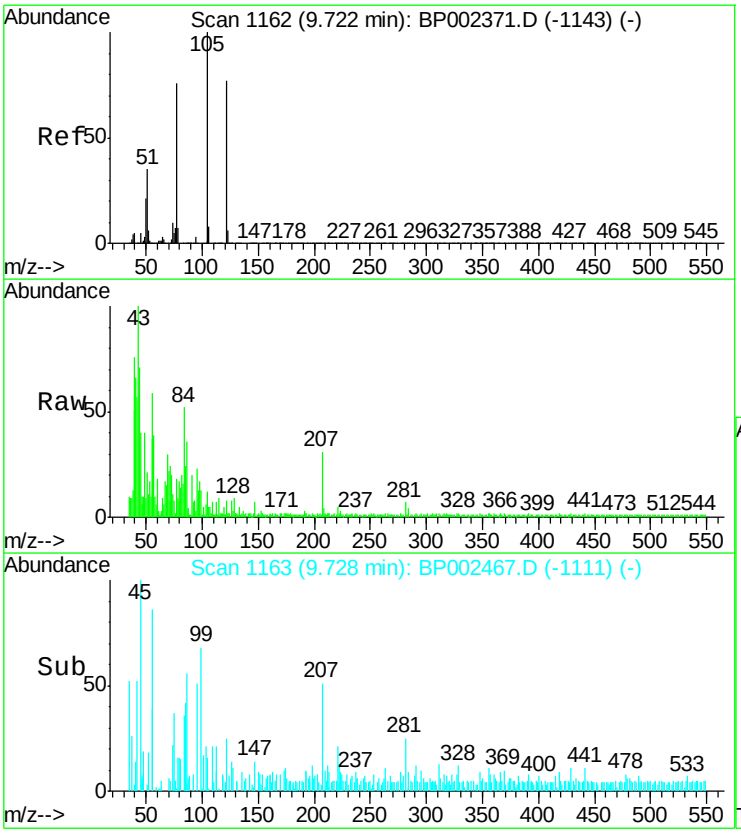
#23
Nitrobenzene-d5
Concen: 78.937 ng
RT: 8.73 min Scan# 993
Delta R.T. -0.01 min
Lab File: BP002467.D
Acq: 19 Jun 2020 19:59

Instrument :
BNA_P
ClientSampleId :
2-SP-3-5

Tgt Ion: 82 Resp: 1081208

Ion	Ratio	Lower	Upper
82	100		
128	40.4	34.5	51.7
54	49.8	39.4	59.2

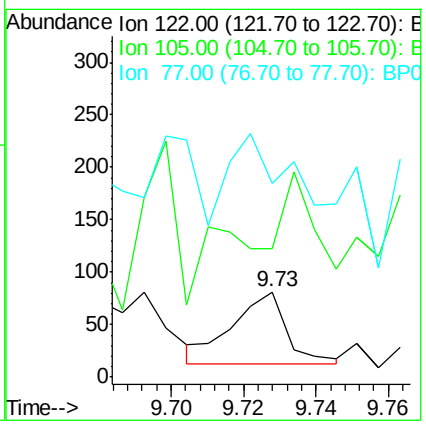


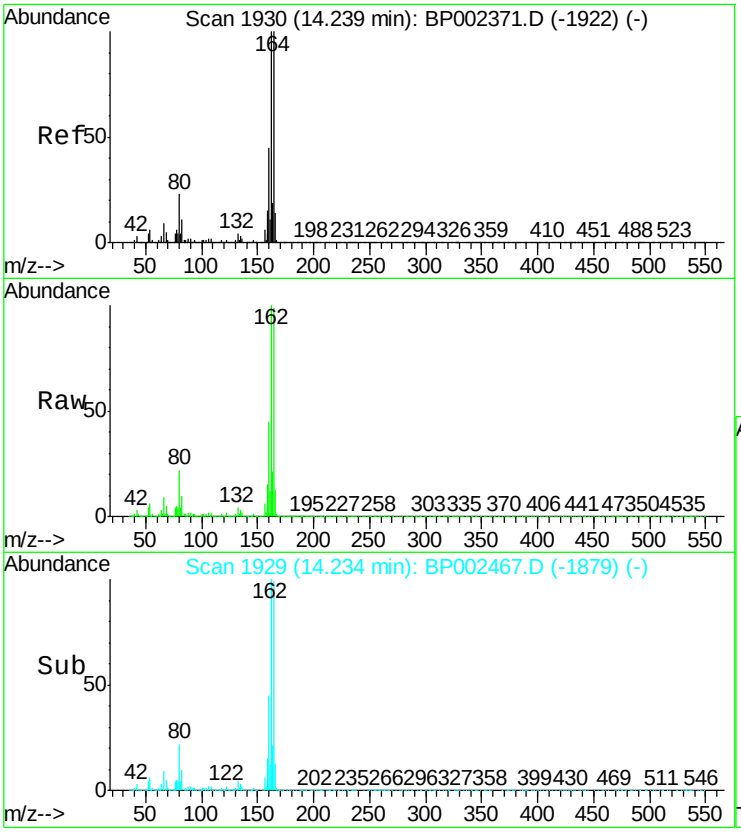


#32
Benzoic acid
Concen: 4.607 ng
RT: 9.73 min Scan# 1163
Delta R.T. 0.01 min
Lab File: BP002467.D
Acq: 19 Jun 2020 19:59

Tgt Ion:122 Resp: 72

Ion	Ratio	Lower	Upper
122	100		
105	151.9	106.3	146.3#
77	228.4	77.5	117.5#



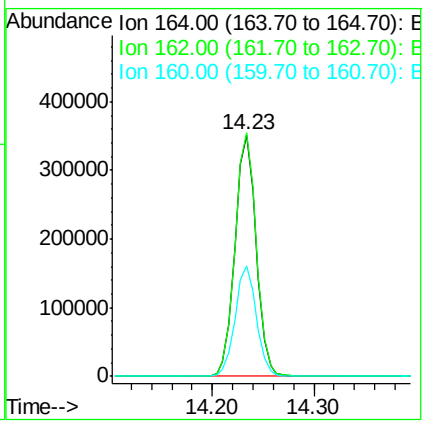


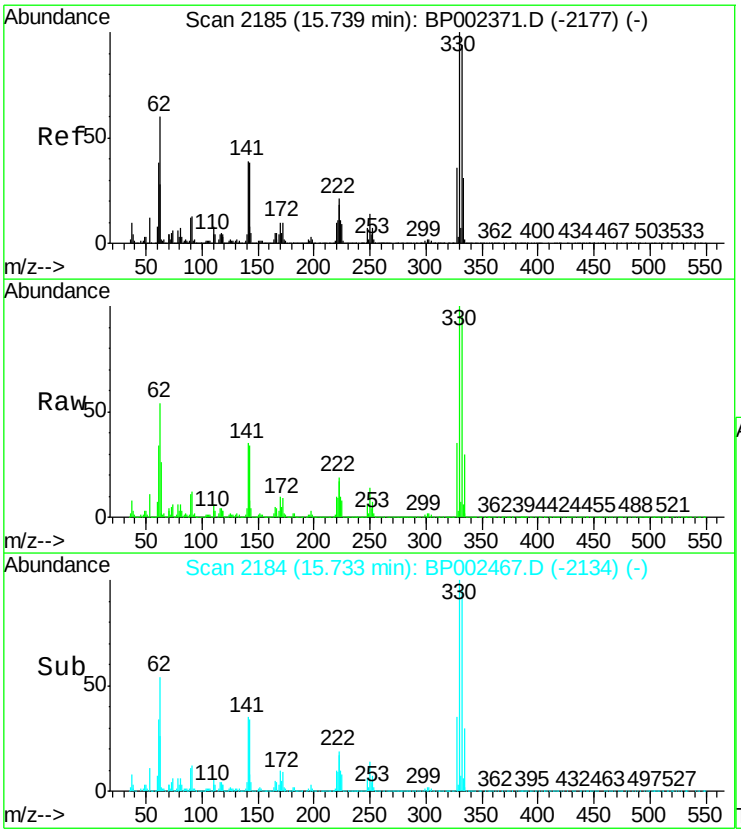
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.23 min Scan# 1929
Delta R.T. -0.01 min
Lab File: BP002467.D
Acq: 19 Jun 2020 19:59

Instrument :
BNA_P
ClientSampleId :
2-SP-3-5

Tgt Ion:164 Resp: 510127

Ion	Ratio	Lower	Upper
164	100		
162	100.8	79.8	119.8
160	45.6	36.2	54.2

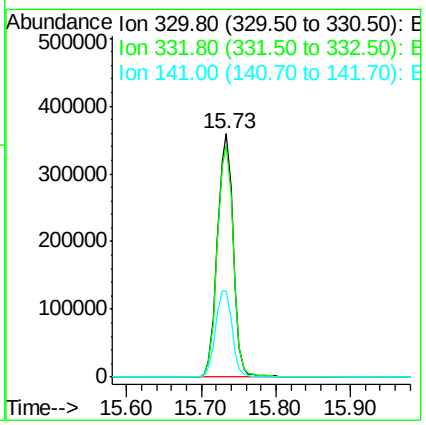


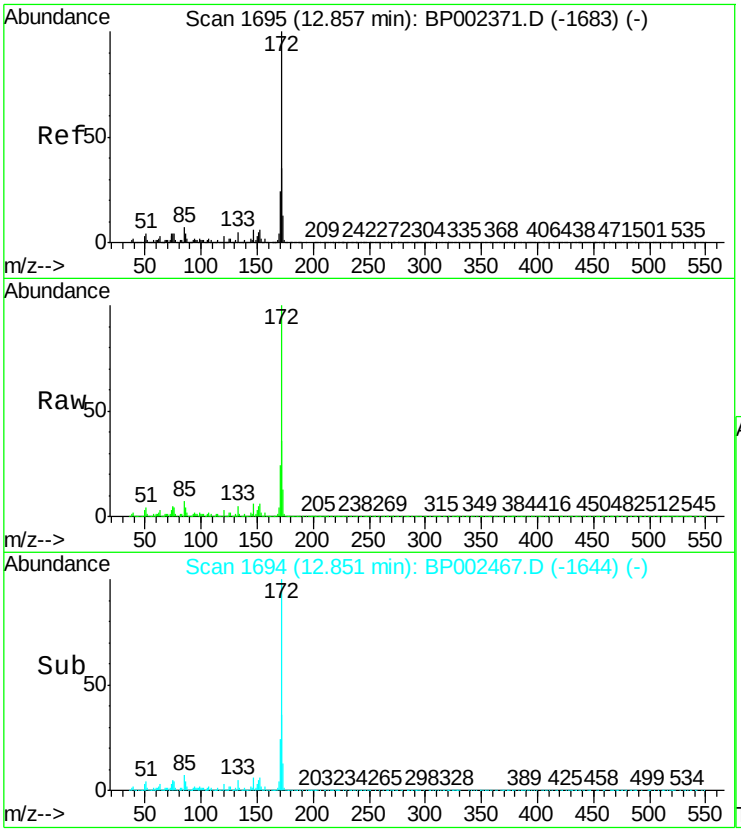


#42
2,4,6-Tribromophenol
Concen: 107.819 ng
RT: 15.73 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BP002467.D
Acq: 19 Jun 2020 19:59

Tgt Ion:330 Resp: 526601

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	115.0
141	37.2	30.3	45.5



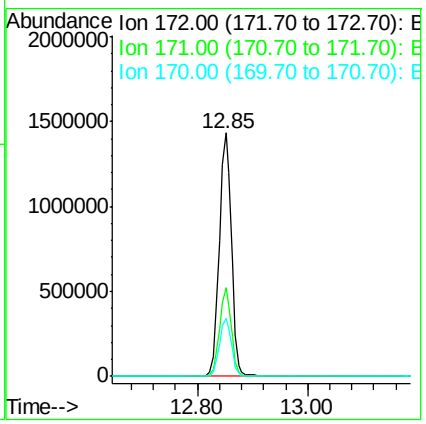


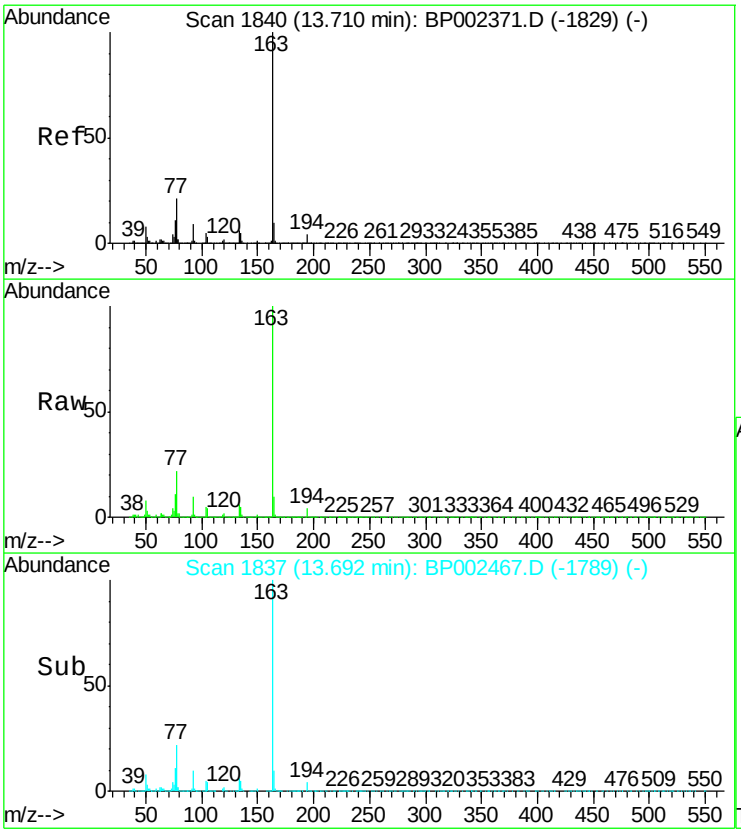
#45
2-Fluorobiphenyl
Concen: 73.211 ng
RT: 12.85 min Scan# 1694
Delta R.T. -0.00 min
Lab File: BP002467.D
Acq: 19 Jun 2020 19:59

Instrument :
BNA_P
ClientSampleId :
2-SP-3-5

Tgt Ion:172 Resp: 2221163

Ion	Ratio	Lower	Upper
172	100		
171	36.2	27.8	41.8
170	23.8	19.0	28.6

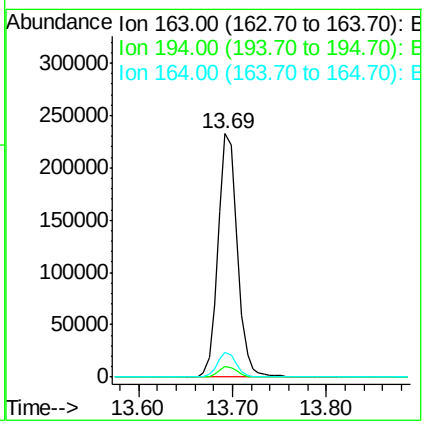


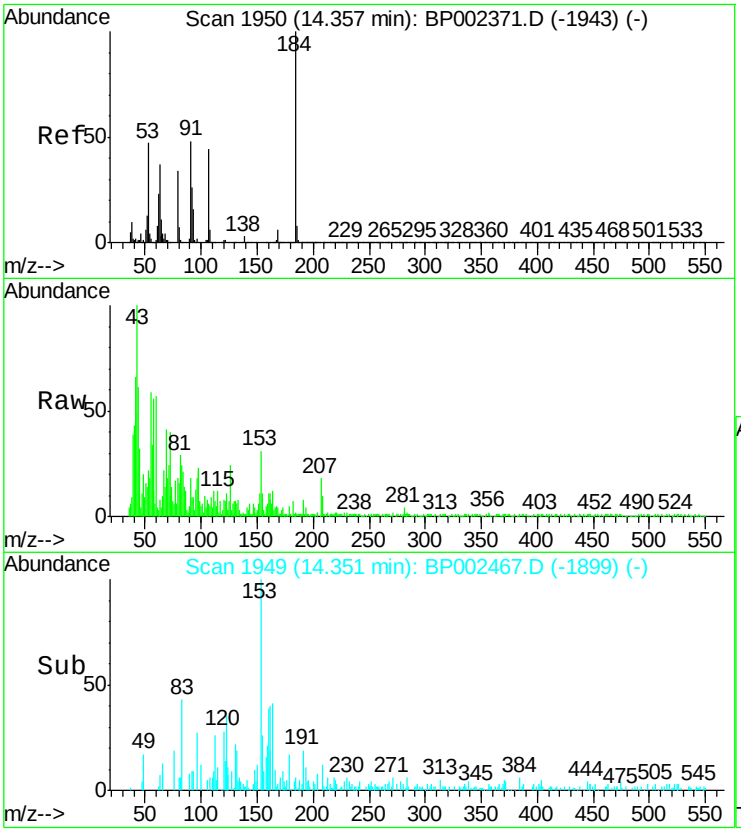


#50
Dimethylphthalate
Concen: 9.575 ng
RT: 13.69 min Scan# 1837
Delta R.T. -0.02 min
Lab File: BP002467.D
Acq: 19 Jun 2020 19:59

Tgt Ion:163 Resp: 334679

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.0	8.1	12.1



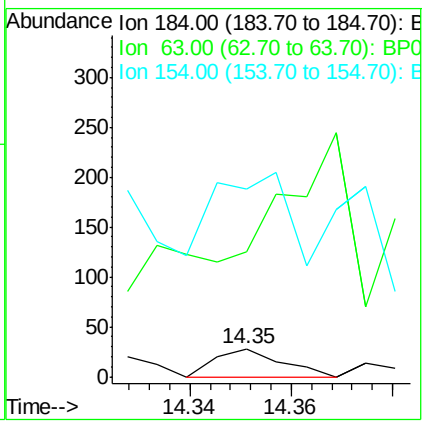


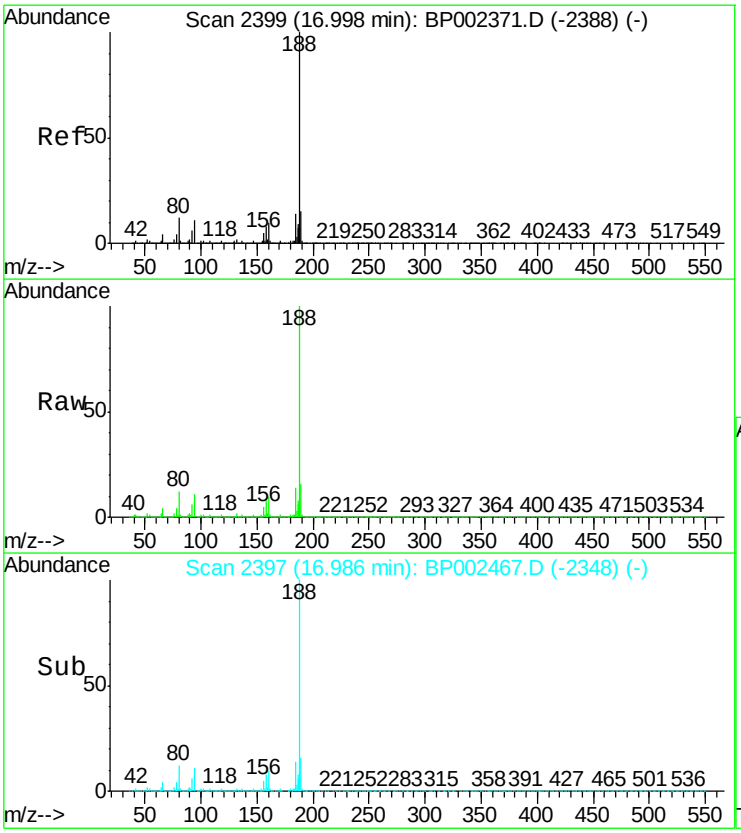
#54
2,4-Dinitrophenol
Concen: 2.792 ng
RT: 14.35 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BP002467.D
Acq: 19 Jun 2020 19:59

Instrument :
BNA_P
ClientSampleId :
2-SP-3-5

Tgt Ion:184 Resp: 26

Ion	Ratio	Lower	Upper
184	100		
63	446.4	52.3	78.5#
154	671.4	48.6	72.8#

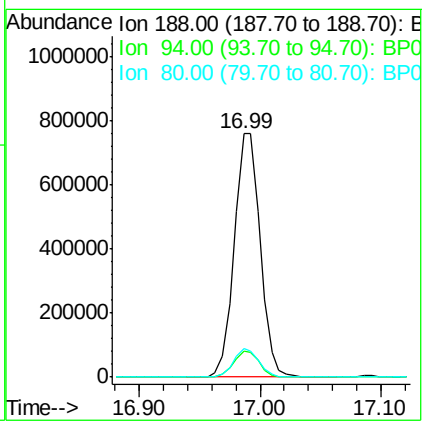


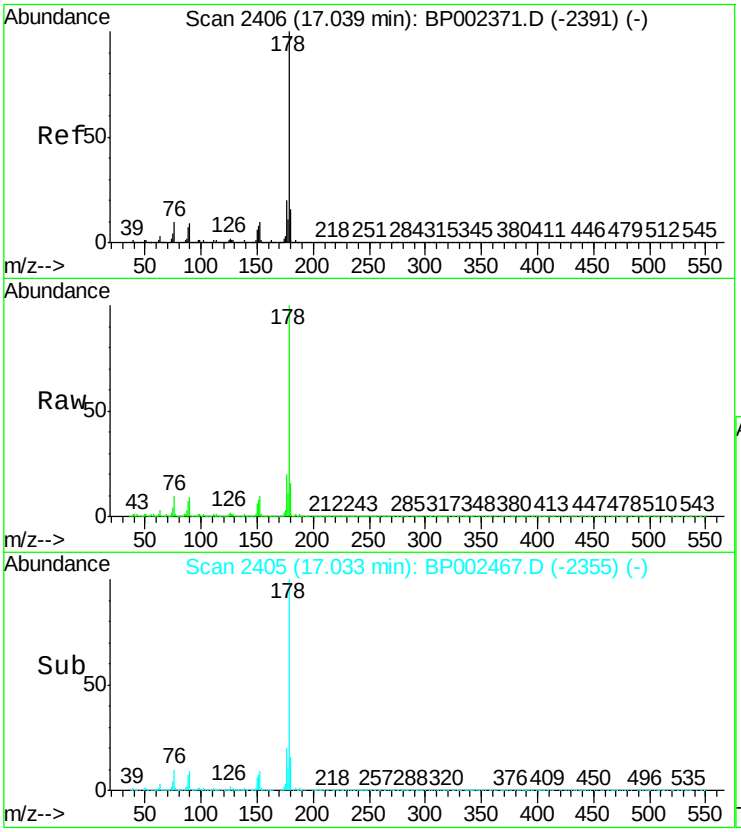


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2397
Delta R.T. -0.01 min
Lab File: BP002467.D
Acq: 19 Jun 2020 19:59

Tgt Ion:188 Resp: 1136685

Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.5	12.7
80	11.9	9.4	14.0



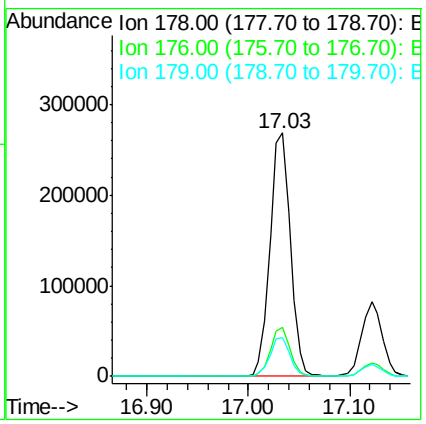


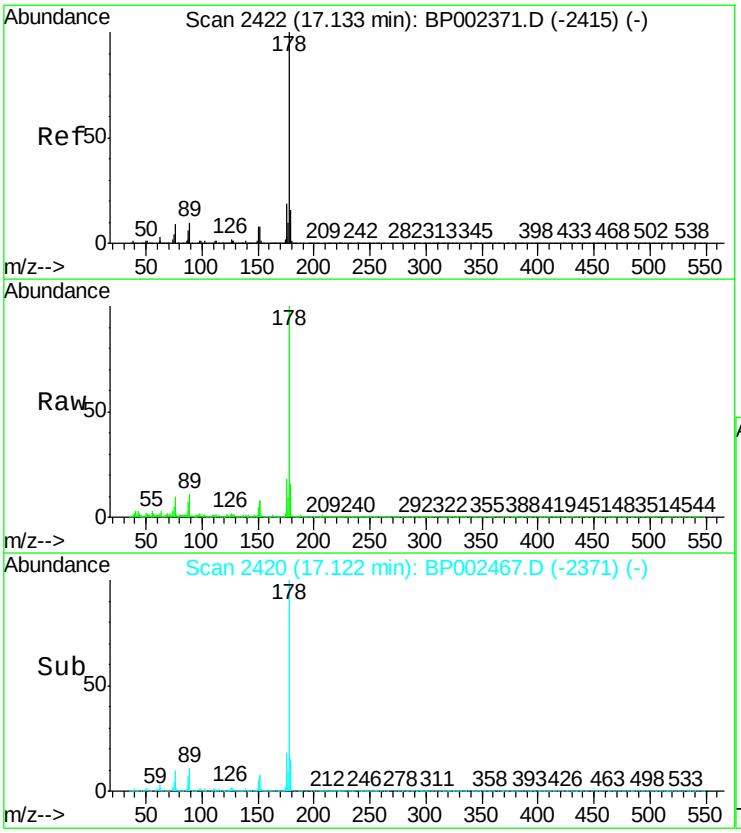
#71
Phenanthrene
Concen: 7.090 ng
RT: 17.03 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BP002467.D
Acq: 19 Jun 2020 19:59

Instrument :
BNA_P
ClientSampleId :
2-SP-3-5

Tgt Ion:178 Resp: 376987

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.6
179	15.7	12.5	18.7

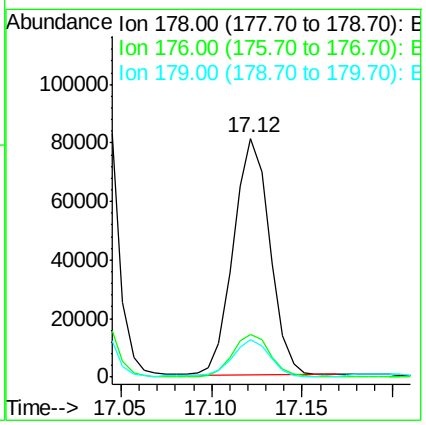


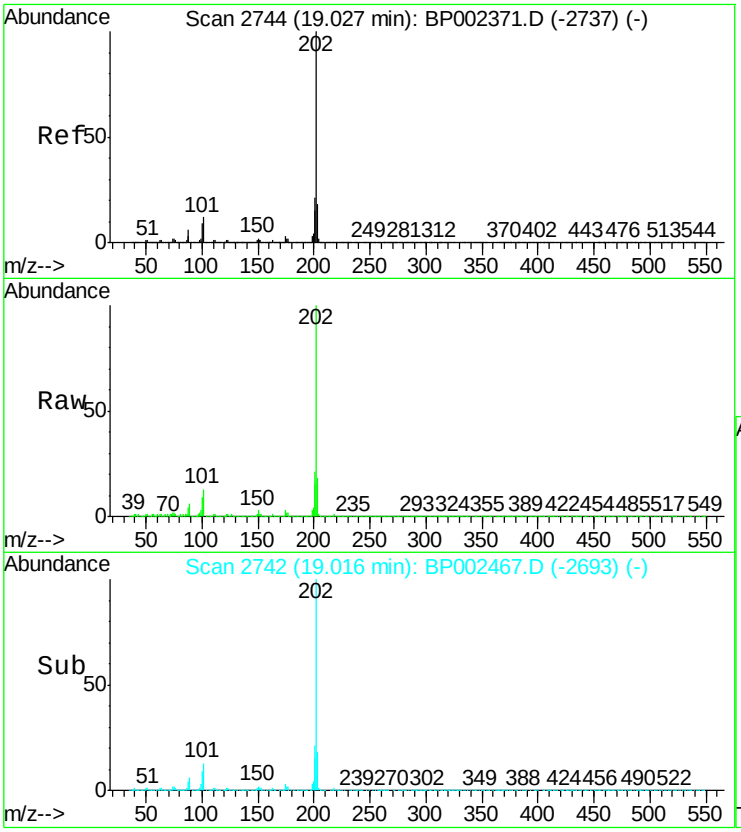


#72
Anthracene
Concen: 2.144 ng
RT: 17.12 min Scan# 2420
Delta R.T. -0.01 min
Lab File: BP002467.D
Acq: 19 Jun 2020 19:59

Tgt Ion:178 Resp: 113244

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.5	23.3
179	15.6	13.0	19.4



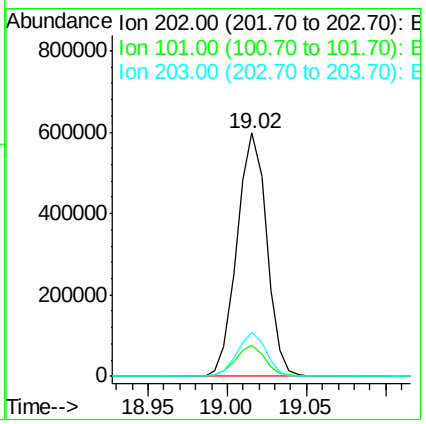


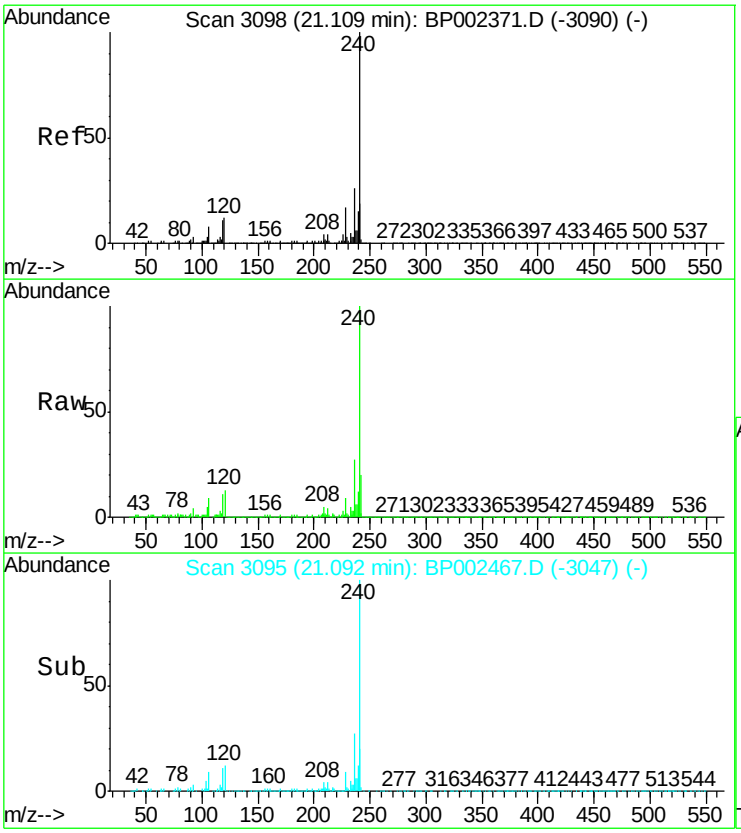
#75
Fluoranthene
Concen: 12.282 ng
RT: 19.02 min Scan# 2742
Delta R.T. -0.01 min
Lab File: BP002467.D
Acq: 19 Jun 2020 19:59

Instrument :
BNA_P
ClientSampleId :
2-SP-3-5

Tgt Ion:202 Resp: 779525

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	31.8
203	18.3	0.0	38.0

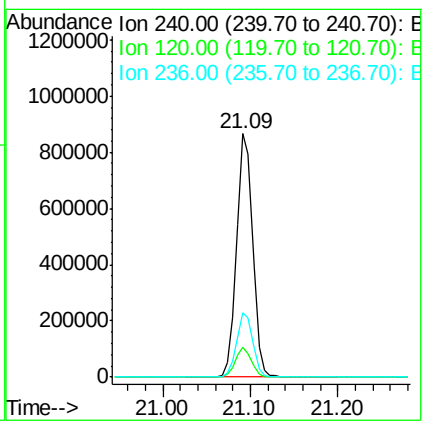


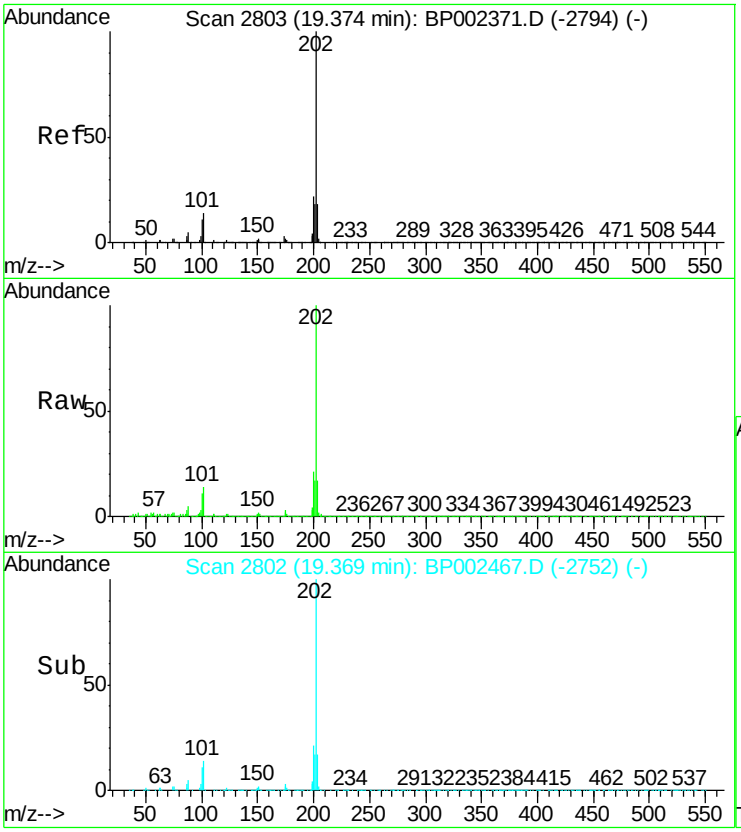


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.09 min Scan# 3095
Delta R.T. -0.02 min
Lab File: BP002467.D
Acq: 19 Jun 2020 19:59

Tgt Ion:240 Resp: 1065949

Ion	Ratio	Lower	Upper
240	100		
120	12.5	9.3	13.9
236	26.6	21.0	31.6



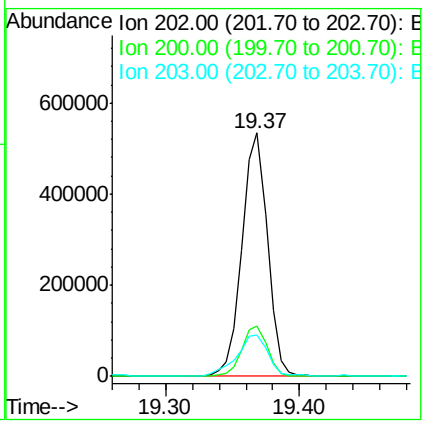


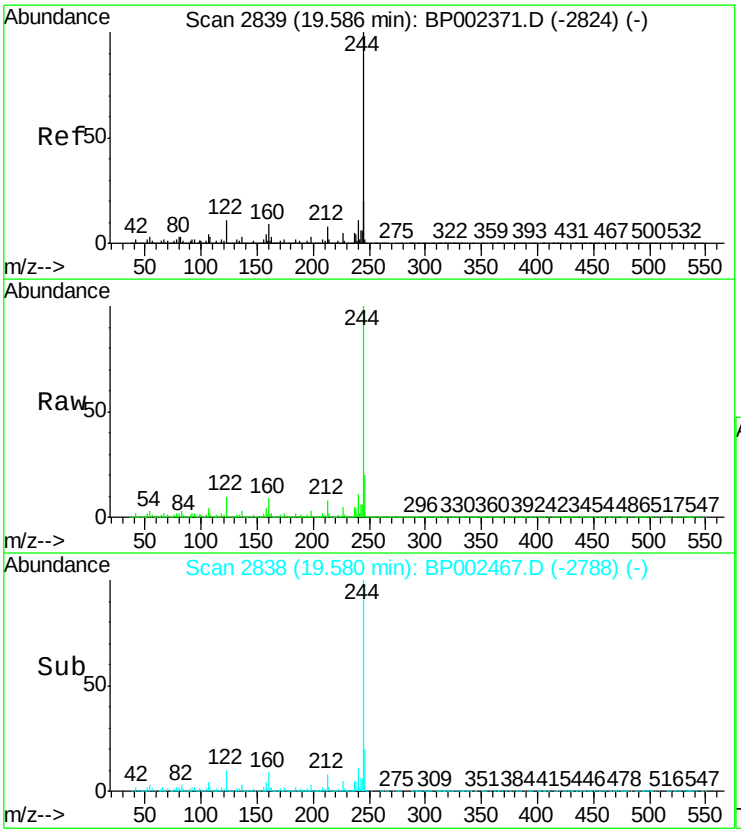
#78
Pyrene
Concen: 10.783 ng
RT: 19.37 min Scan# 2802
Delta R.T. -0.01 min
Lab File: BP002467.D
Acq: 19 Jun 2020 19:59

Instrument :
BNA_P
ClientSampleId :
2-SP-3-5

Tgt Ion:202 Resp: 704049

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.7	26.5
203	17.2	14.6	22.0

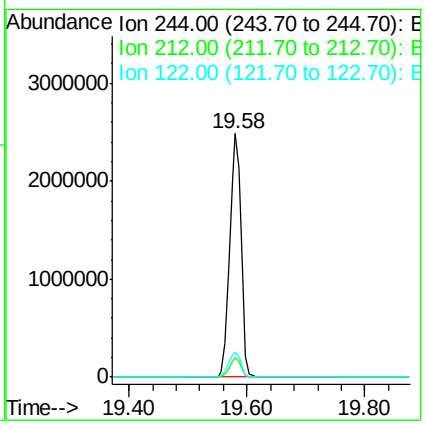


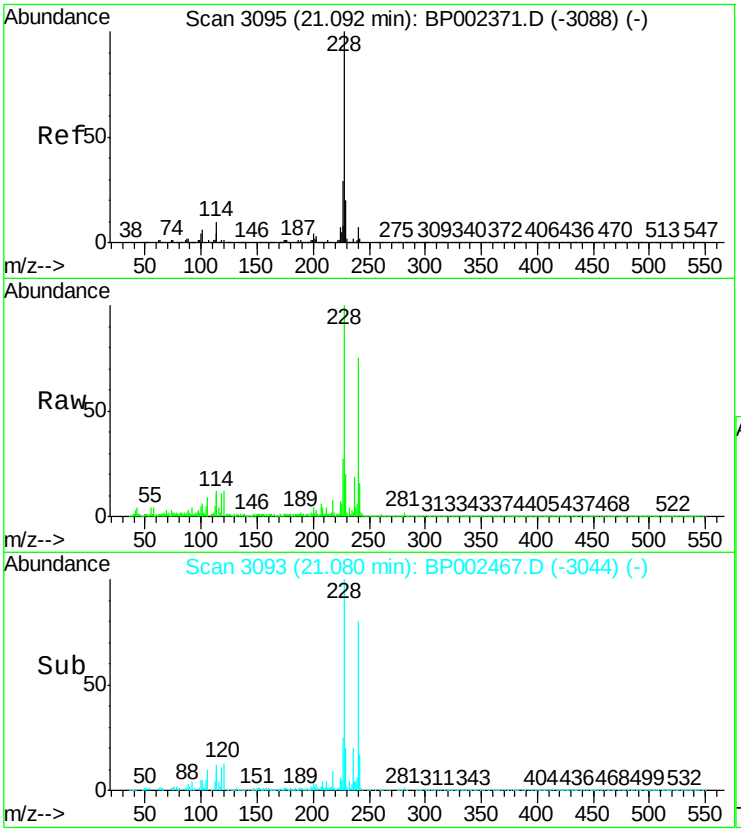


#79
Terphenyl-d14
Concen: 78.381 ng
RT: 19.58 min Scan# 2838
Delta R.T. -0.00 min
Lab File: BP002467.D
Acq: 19 Jun 2020 19:59

Tgt Ion:244 Resp: 3340187

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.6	10.0
122	10.3	8.8	13.2



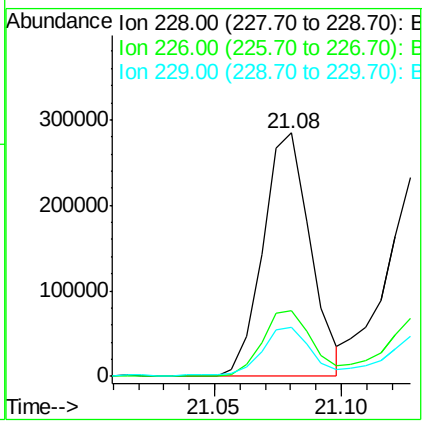


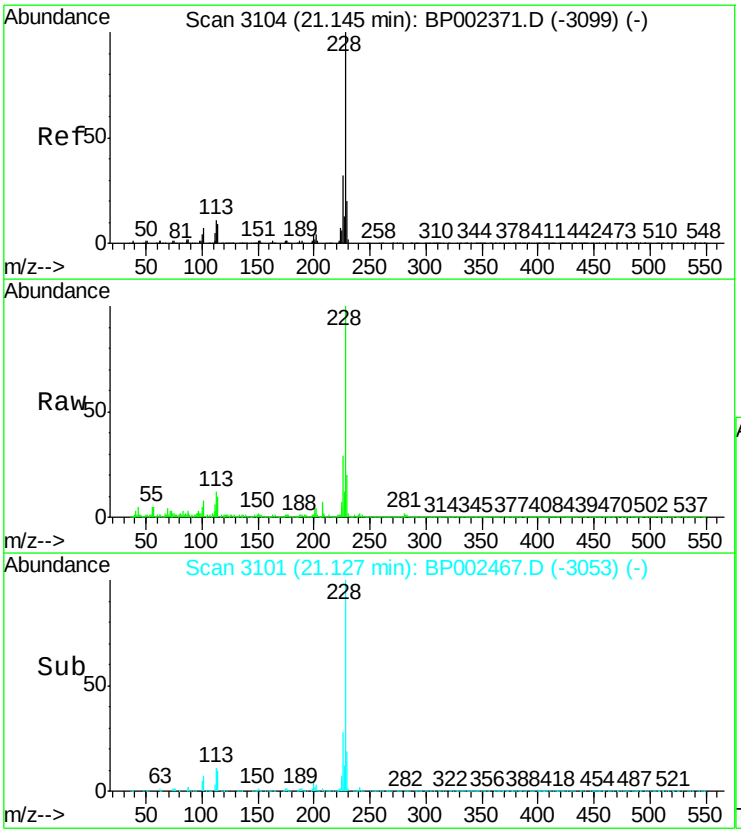
#81
Benzo(a)anthracene
Concen: 6.057 ng
RT: 21.08 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BP002467.D
Acq: 19 Jun 2020 19:59

Instrument :
BNA_P
ClientSampleId :
2-SP-3-5

Tgt Ion:228 Resp: 368559

Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.8	34.2
229	20.0	16.2	24.2

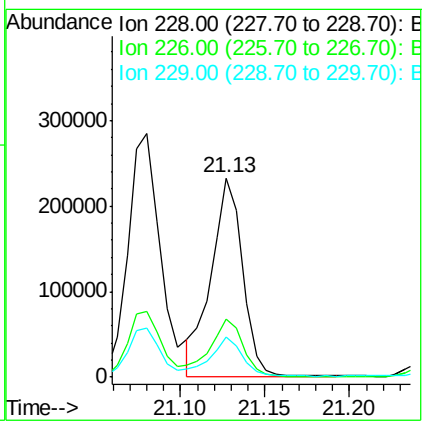


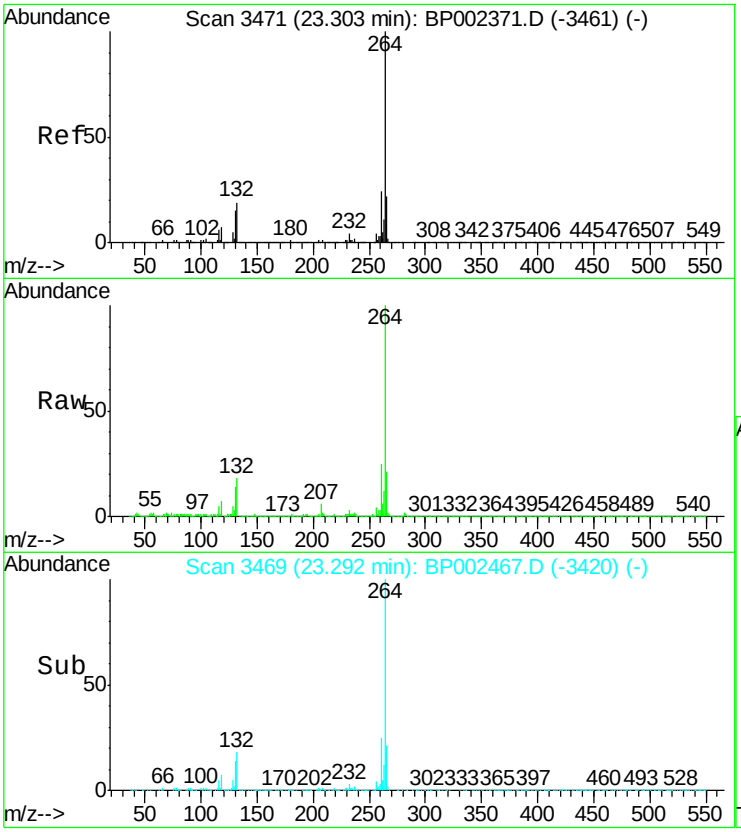


#83
Chrysene
Concen: 5.264 ng
RT: 21.13 min Scan# 3101
Delta R.T. -0.02 min
Lab File: BP002467.D
Acq: 19 Jun 2020 19:59

Tgt Ion:228 Resp: 303449

Ion	Ratio	Lower	Upper
228	100		
226	28.9	25.2	37.8
229	19.9	16.1	24.1



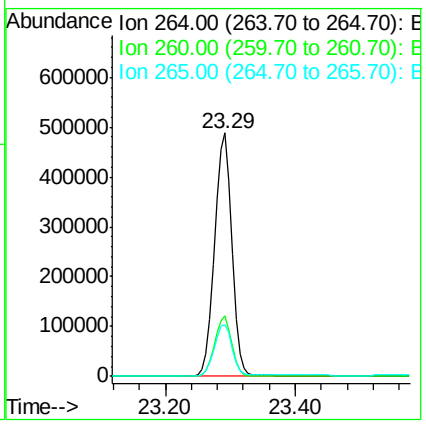


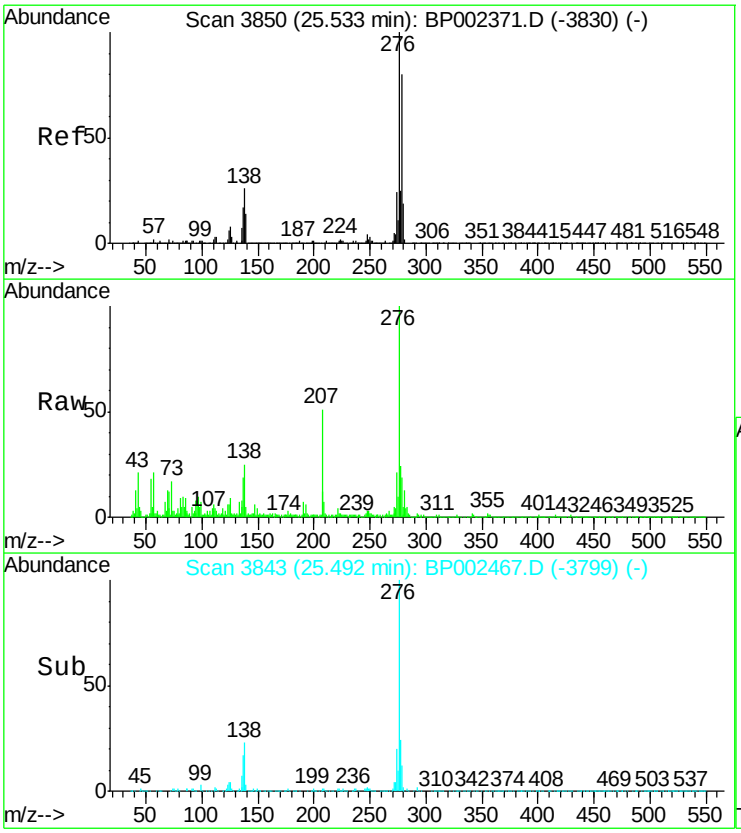
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.29 min Scan# 3469
Delta R.T. -0.01 min
Lab File: BP002467.D
Acq: 19 Jun 2020 19:59

Instrument :
BNA_P
ClientSampleId :
2-SP-3-5

Tgt Ion:264 Resp: 896037

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.4	29.0
265	21.0	17.4	26.2

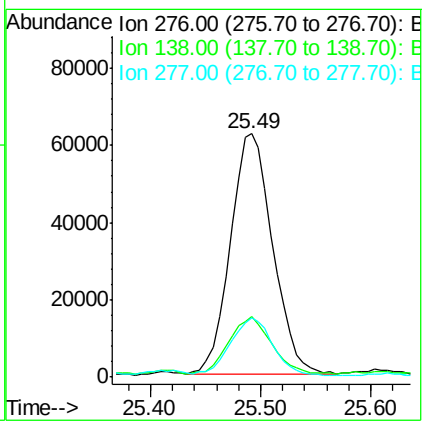


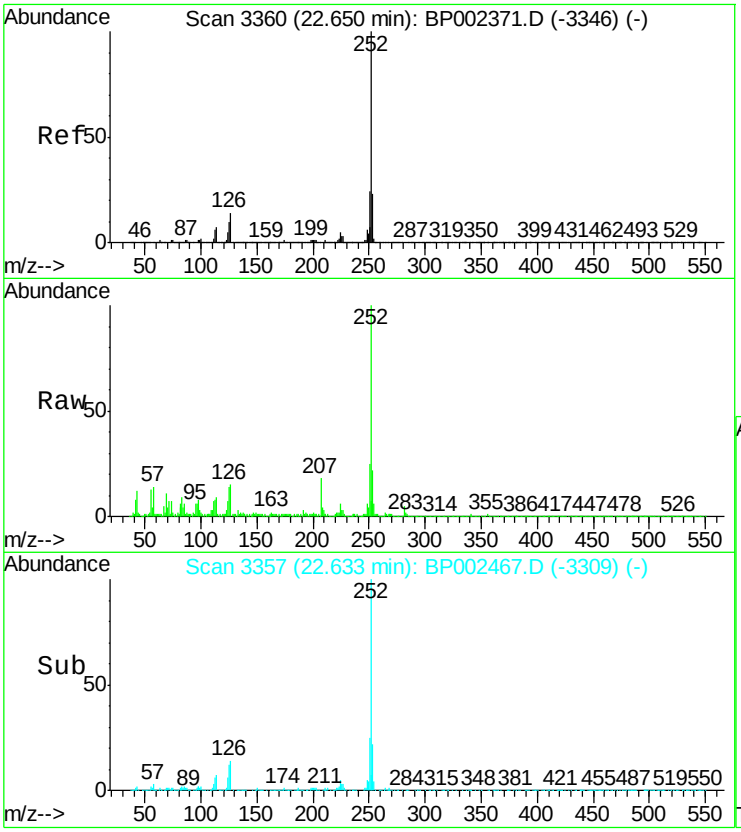


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.976 ng
RT: 25.49 min Scan# 3843
Delta R.T. -0.04 min
Lab File: BP002467.D
Acq: 19 Jun 2020 19:59

Tgt Ion:276 Resp: 166792

Ion	Ratio	Lower	Upper
276	100		
138	24.2	21.2	31.8
277	24.2	20.3	30.5



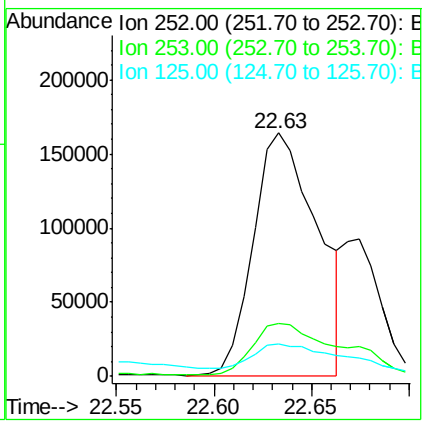


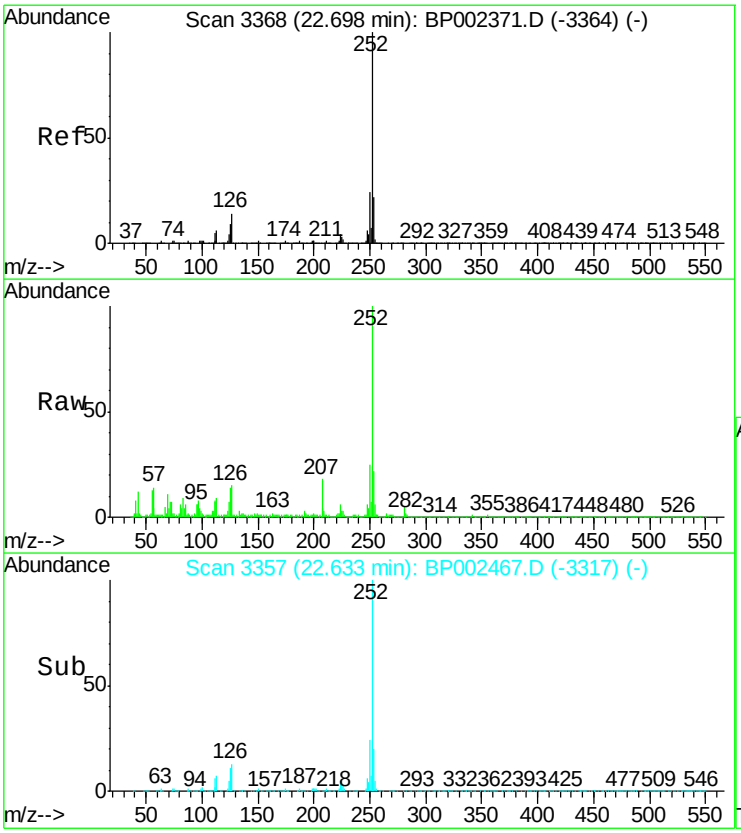
#88
Benzo(b)fluoranthene
Concen: 7.683 ng
RT: 22.63 min Scan# 3357
Delta R.T. -0.02 min
Lab File: BP002467.D
Acq: 19 Jun 2020 19:59

Instrument :
BNA_P
ClientSampleId :
2-SP-3-5

Tgt Ion:252 Resp: 371251

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	13.6	8.2	12.2#

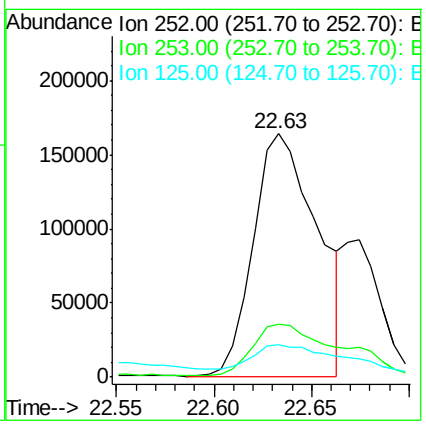


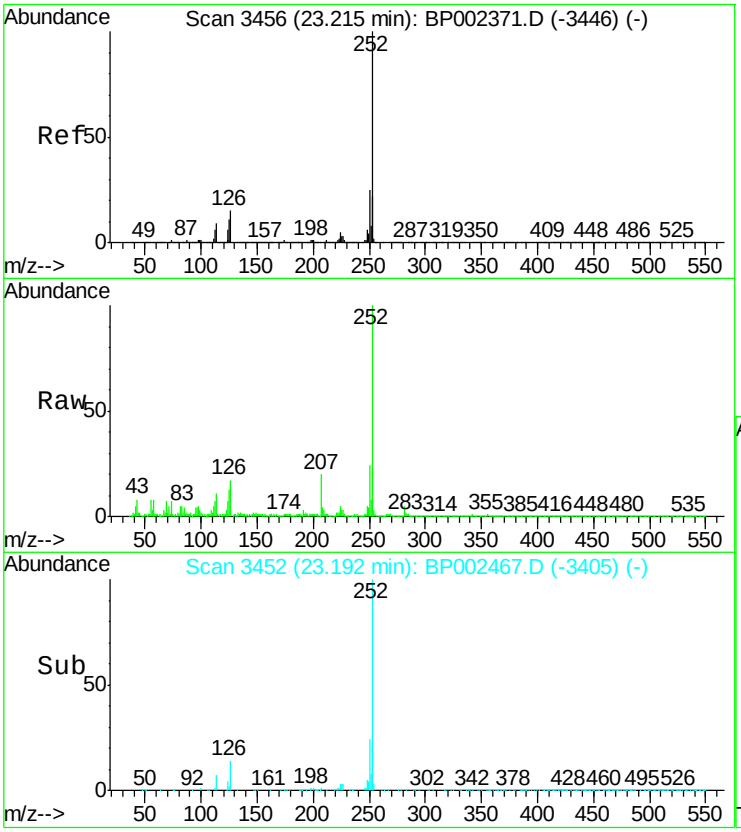


#89
Benzo(k)fluoranthene
Concen: 8.086 ng
RT: 22.63 min Scan# 3357
Delta R.T. -0.06 min
Lab File: BP002467.D
Acq: 19 Jun 2020 19:59

Tgt Ion:252 Resp: 371251

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	13.6	7.8	11.8#



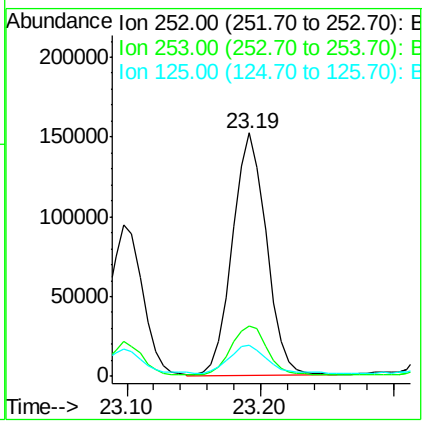


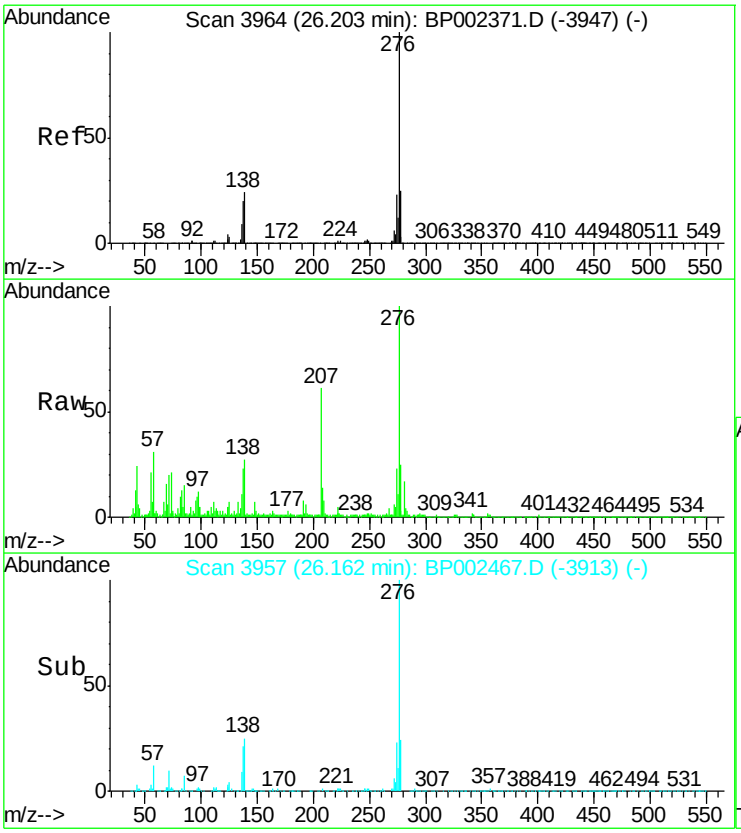
#90
Benzo(a)pyrene
Concen: 5.937 ng
RT: 23.19 min Scan# 3452
Delta R.T. -0.02 min
Lab File: BP002467.D
Acq: 19 Jun 2020 19:59

Instrument :
BNA_P
ClientSampleId :
2-SP-3-5

Tgt Ion:252 Resp: 268829

Ion	Ratio	Lower	Upper
252	100		
253	20.7	17.8	26.8
125	12.7	9.2	13.8





#92
Benzo(g,h,i)perylene
Concen: 3.418 ng
RT: 26.16 min Scan# 3957
Delta R.T. -0.04 min
Lab File: BP002467.D
Acq: 19 Jun 2020 19:59

Tgt Ion:276 Resp: 159141

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.8	29.6
138	26.9	19.2	28.8