Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071720\
Data File : BP002790.D
Acq On : 17 Jul 2020 14:03
Operator : CG/JU
Sample : L3324-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 10:1-COMP

Quant Time: Jul 17 14:52:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 13 10:54:03 2020
Response via : Initial Calibration

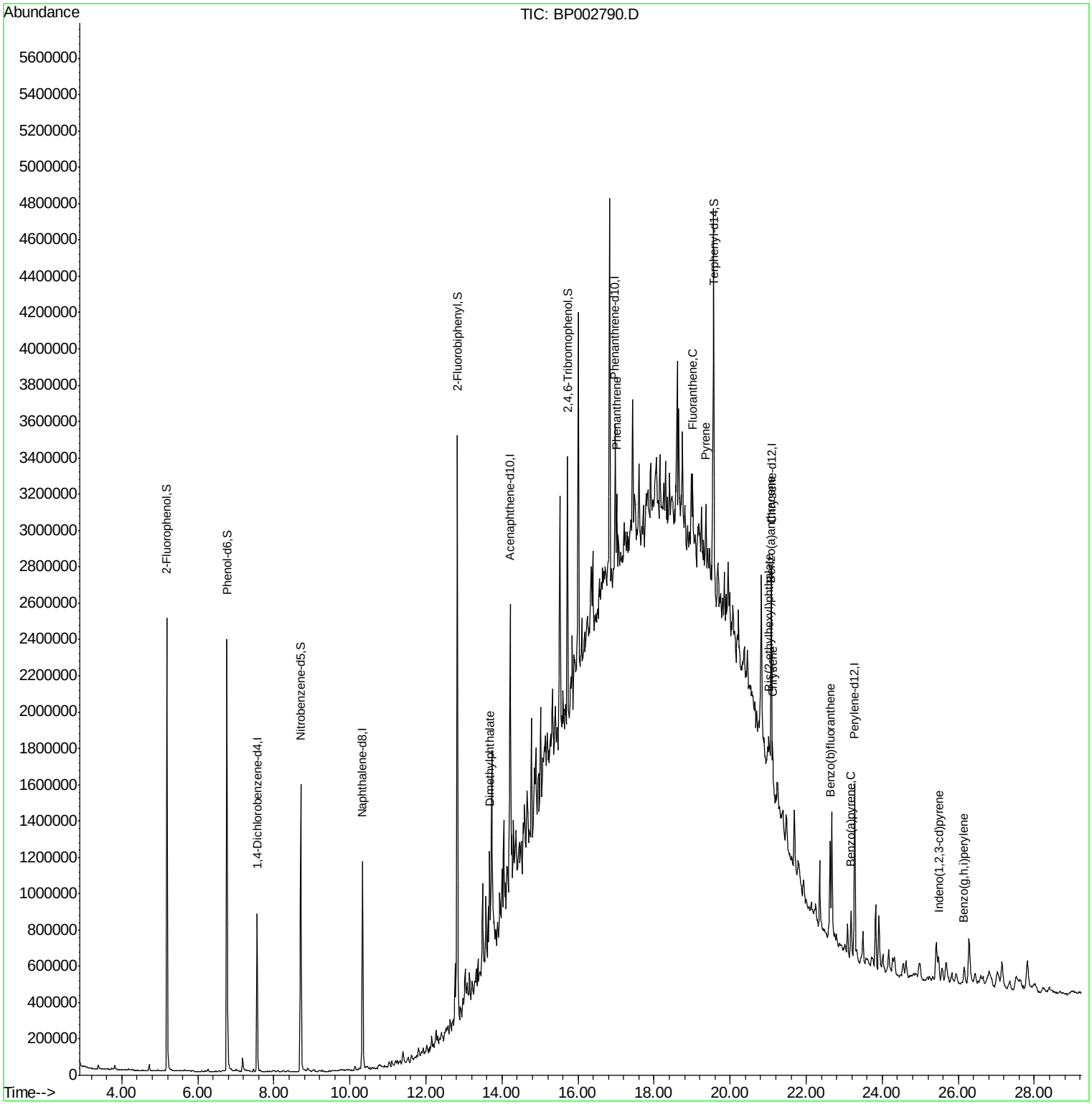
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	230785	20.00	ng		0.00
21) Naphthalene-d8	10.33	136	943594	20.00	ng		0.00
39) Acenaphthene-d10	14.21	164	454315	20.00	ng		0.00
64) Phenanthrene-d10	16.97	188	658129	20.00	ng		0.00
76) Chrysene-d12	21.09	240	565896	20.00	ng		0.01
86) Perylene-d12	23.27	264	642354	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	1100420	80.45	ng		0.00
7) Phenol-d6	6.76	99	1497053	76.69	ng		0.00
23) Nitrobenzene-d5	8.70	82	965711	54.74	ng		0.00
42) 2,4,6-Tribromophenol	15.72	330	337967	71.27	ng		0.01
45) 2-Fluorobiphenyl	12.82	172	1774456	60.42	ng		0.00
79) Terphenyl-d14	19.57	244	1142684	46.30	ng		0.01
Target Compounds							Qvalue
50) Dimethylphthalate	13.67	163	334586	9.657	ng	#	98
71) Phenanthrene	17.02	178	99652	2.797	ng	#	69
75) Fluoranthene	19.01	202	248639	6.022	ng		98
78) Pyrene	19.36	202	256460	6.564	ng		98
81) Benzo(a)anthracene	21.07	228	129001	3.522	ng		94
83) Chrysene	21.12	228	174803	5.013	ng		97
84) Bis(2-ethylhexyl)phthalate	21.01	149	74434	3.471	ng		92
87) Indeno(1,2,3-cd)pyrene	25.48	276	118201	2.546	ng		96
88) Benzo(b)fluoranthene	22.62	252	261167m	6.548	ng		
90) Benzo(a)pyrene	23.18	252	149439	3.954	ng	#	92
92) Benzo(g,h,i)perylene	26.16	276	117447	3.094	ng		95

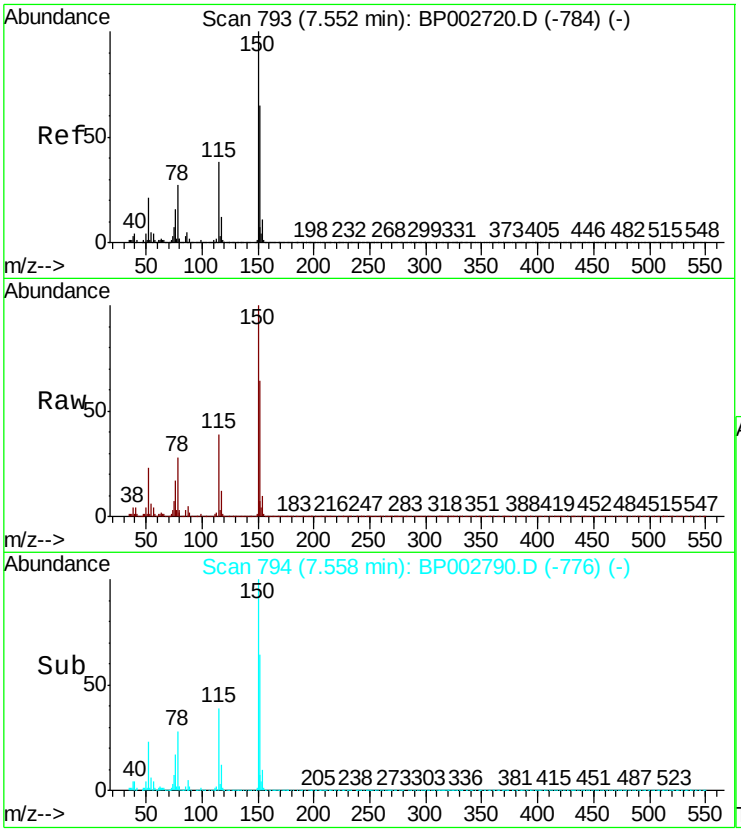
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071720\
Data File : BP002790.D
Acq On : 17 Jul 2020 14:03
Operator : CG/JU
Sample : L3324-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
10:1-COMP

Quant Time: Jul 17 14:52:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 13 10:54:03 2020
Response via : Initial Calibration



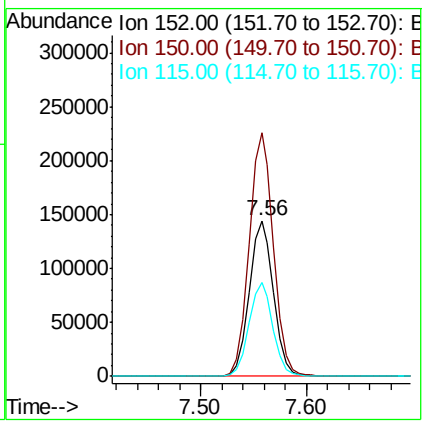


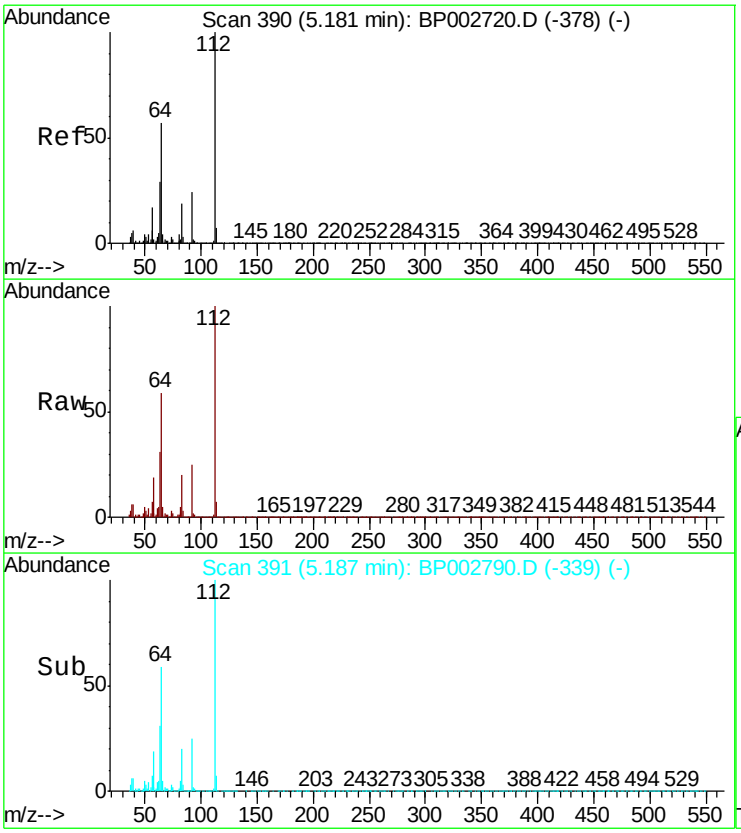
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.56 min Scan# 794
Delta R.T. 0.01 min
Lab File: BP002790.D
Acq: 17 Jul 2020 14:03

Instrument :
BNA_P
ClientSampleId :
10:1-COMP

Tgt Ion:152 Resp: 230785

Ion	Ratio	Lower	Upper
152	100		
150	156.5	123.7	185.5
115	60.5	47.2	70.8

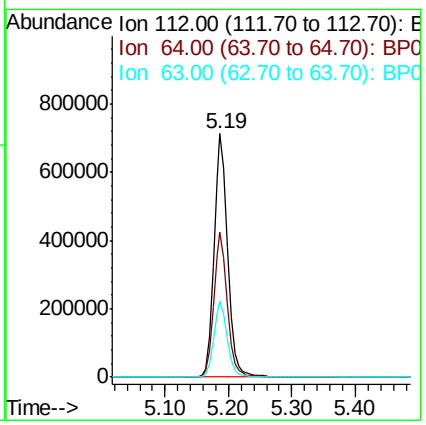


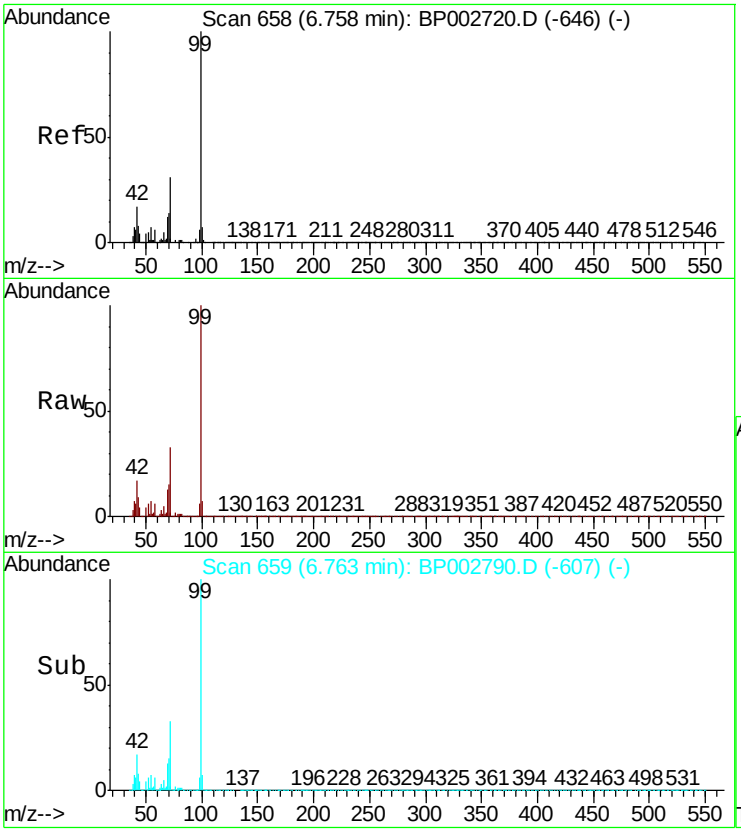


#5
2-Fluorophenol
Concen: 80.448 ng
RT: 5.19 min Scan# 391
Delta R.T. 0.01 min
Lab File: BP002790.D
Acq: 17 Jul 2020 14:03

Tgt Ion:112 Resp: 1100420

Ion	Ratio	Lower	Upper
112	100		
64	59.4	45.6	68.4
63	31.0	23.5	35.3



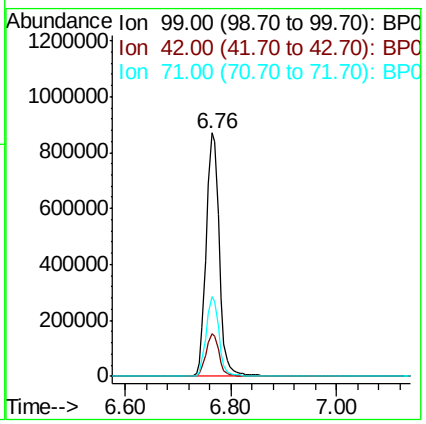


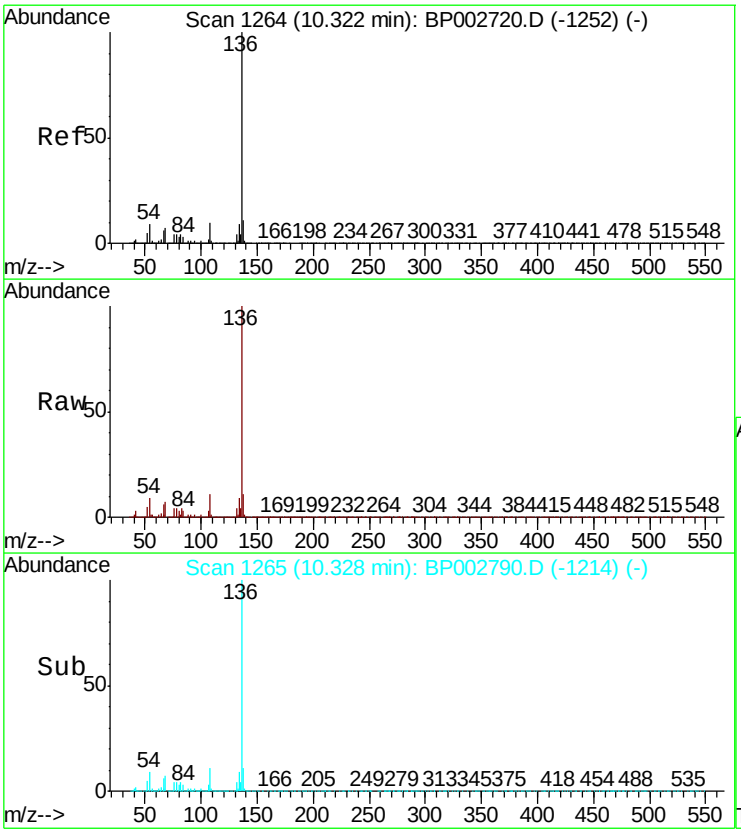
#7
Phenol-d6
Concen: 76.686 ng
RT: 6.76 min Scan# 659
Delta R.T. 0.01 min
Lab File: BP002790.D
Acq: 17 Jul 2020 14:03

Instrument :
BNA_P
ClientSampleId :
10:1-COMP

Tgt Ion: 99 Resp: 1497053

Ion	Ratio	Lower	Upper
99	100		
42	17.5	13.4	20.2
71	32.6	24.6	36.8

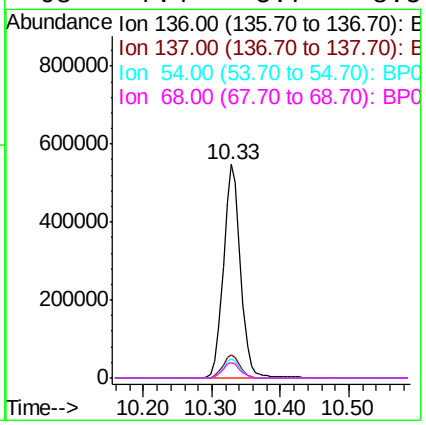


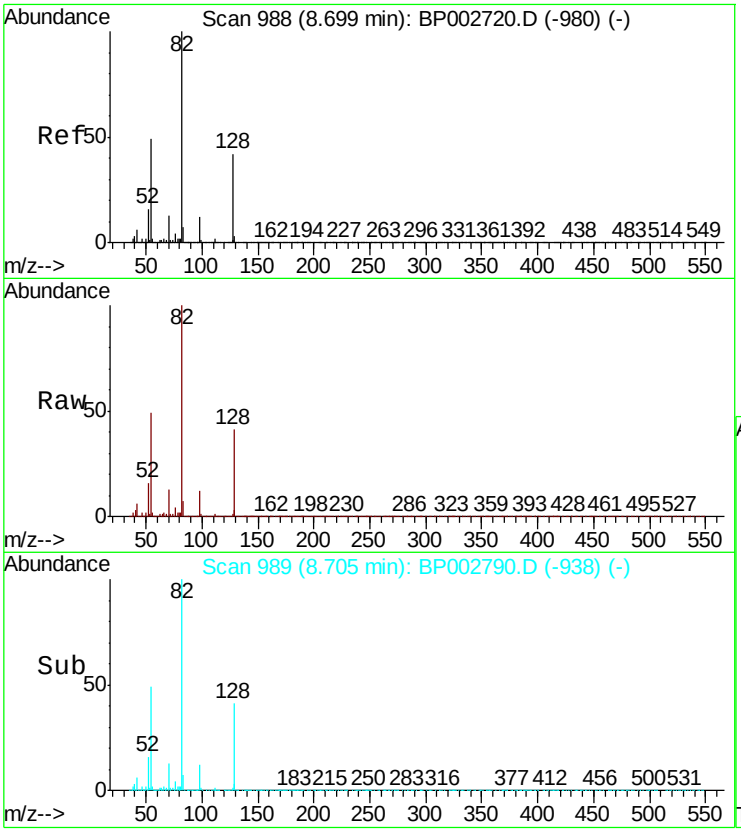


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.33 min Scan# 1265
Delta R.T. 0.00 min
Lab File: BP002790.D
Acq: 17 Jul 2020 14:03

Tgt Ion:136 Resp: 943594

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.0	6.9	10.3
68	7.4	5.7	8.5



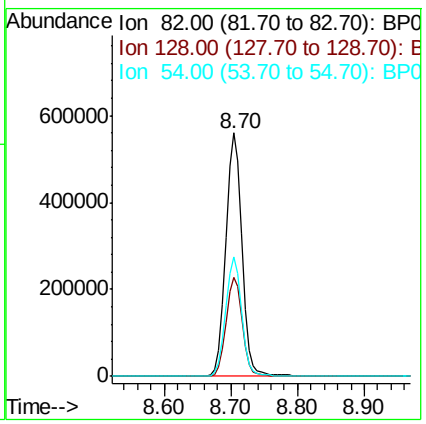


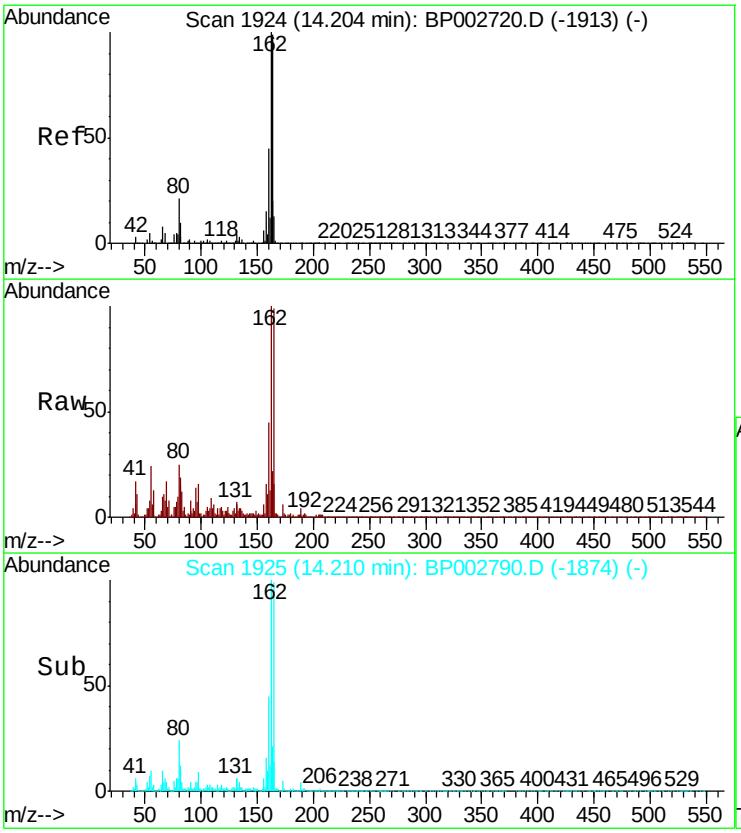
#23
Nitrobenzene-d5
Concen: 54.737 ng
RT: 8.70 min Scan# 989
Delta R.T. 0.00 min
Lab File: BP002790.D
Acq: 17 Jul 2020 14:03

Instrument :
BNA_P
ClientSampleId :
10:1-COMP

Tgt Ion: 82 Resp: 965711

Ion	Ratio	Lower	Upper
82	100		
128	40.7	33.8	50.8
54	48.9	38.8	58.2

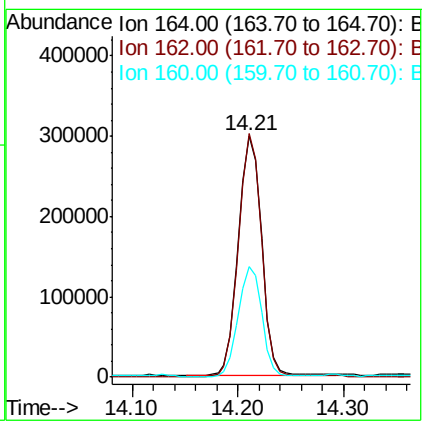


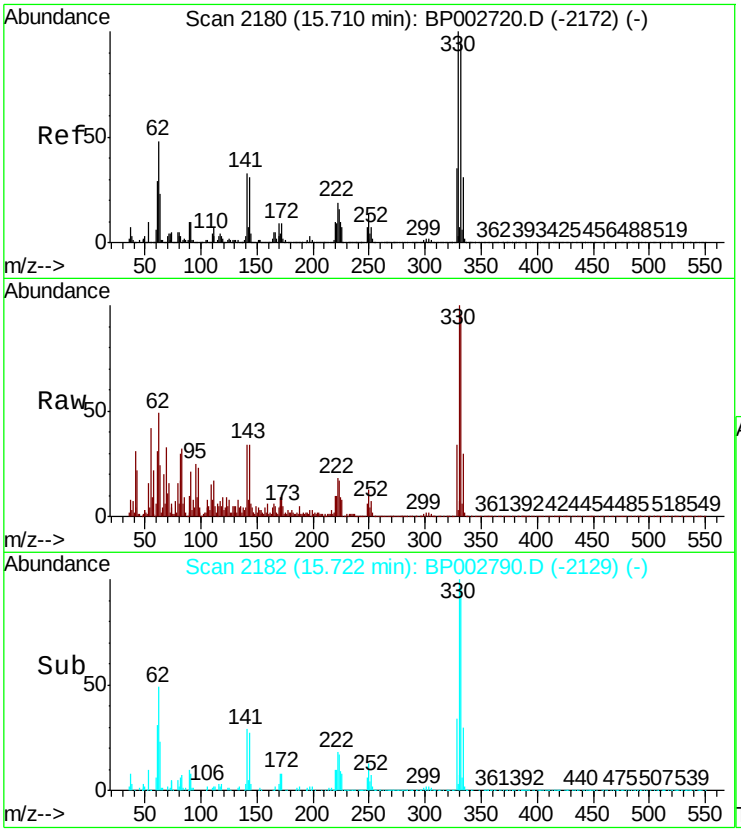


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.21 min Scan# 1925
Delta R.T. 0.00 min
Lab File: BP002790.D
Acq: 17 Jul 2020 14:03

Tgt Ion:164 Resp: 454315

Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.6	121.0
160	45.7	36.4	54.6



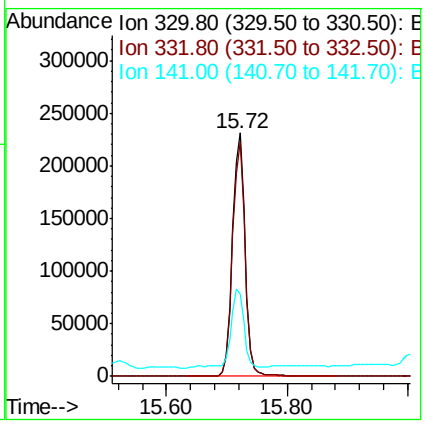


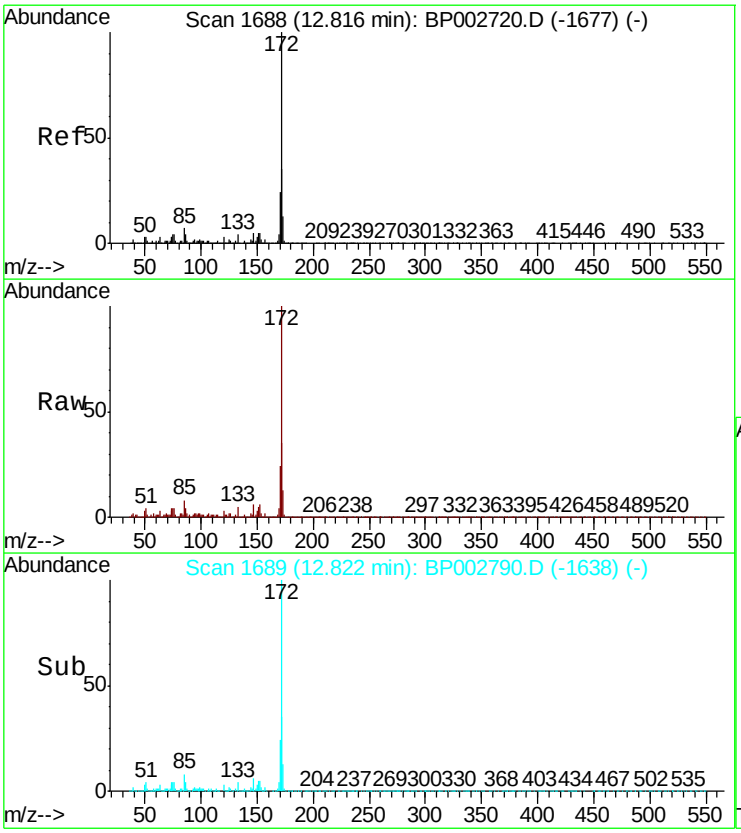
#42
2,4,6-Tribromophenol
Concen: 71.266 ng
RT: 15.72 min Scan# 2182
Delta R.T. 0.01 min
Lab File: BP002790.D
Acq: 17 Jul 2020 14:03

Instrument :
BNA_P
ClientSampleId :
10:1-COMP

Tgt Ion:330 Resp: 337967

Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.5	114.7
141	31.3	28.8	43.2

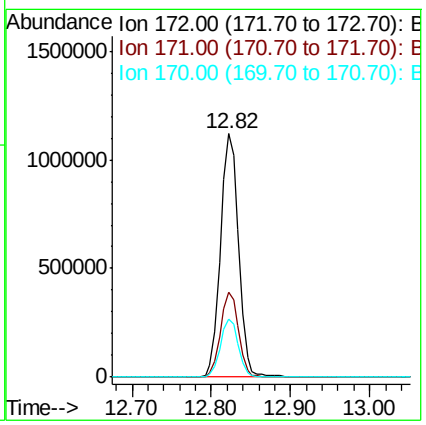


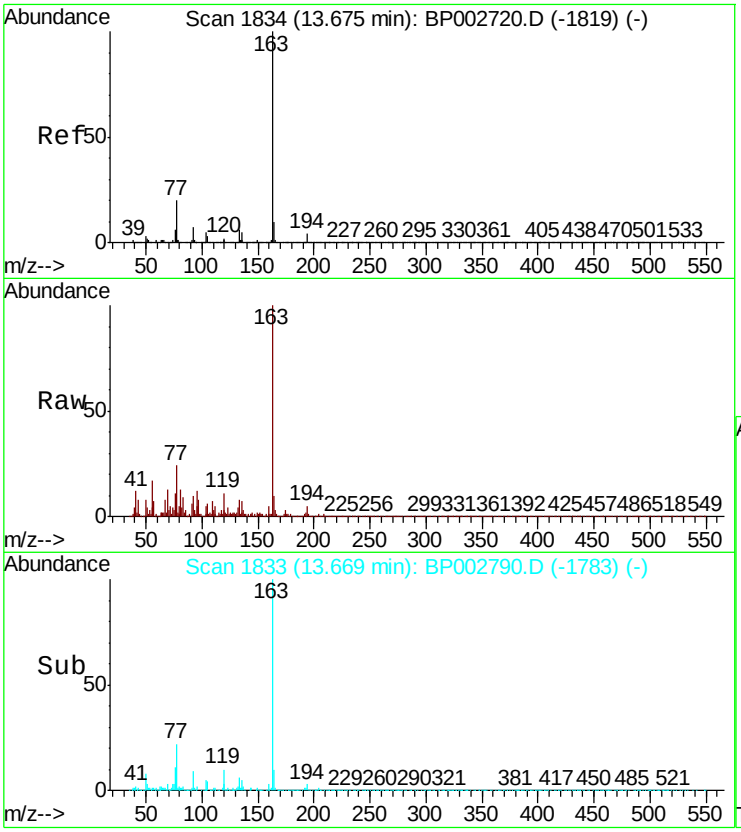


#45
2-Fluorobiphenyl
Concen: 60.422 ng
RT: 12.82 min Scan# 1689
Delta R.T. 0.00 min
Lab File: BP002790.D
Acq: 17 Jul 2020 14:03

Tgt Ion:172 Resp: 1774456

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.1	42.1
170	23.8	19.3	28.9



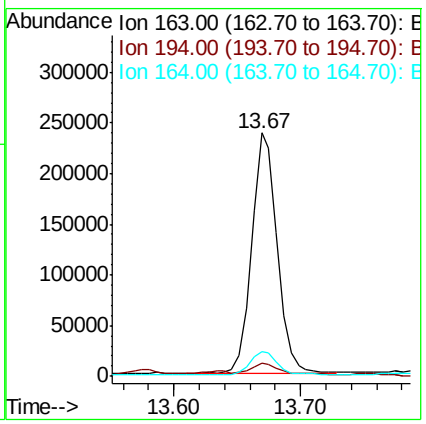


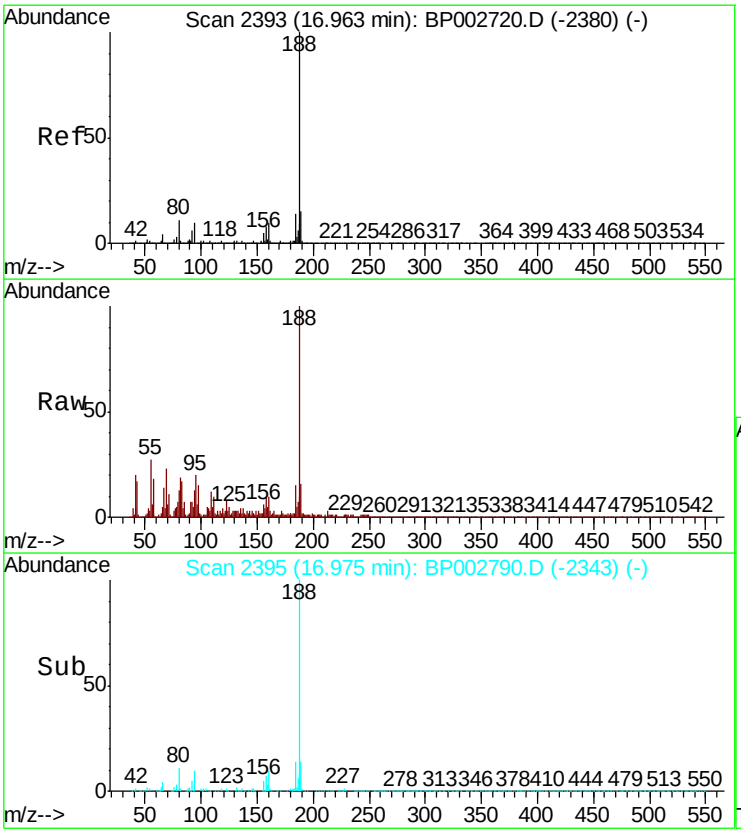
#50
Dimethylphthalate
Concen: 9.657 ng
RT: 13.67 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BP002790.D
Acq: 17 Jul 2020 14:03

Instrument :
BNA_P
ClientSampleId :
10:1-COMP

Tgt Ion:163 Resp: 334586

Ion	Ratio	Lower	Upper
163	100		
194	5.3	3.4	5.2#
164	10.4	7.8	11.8

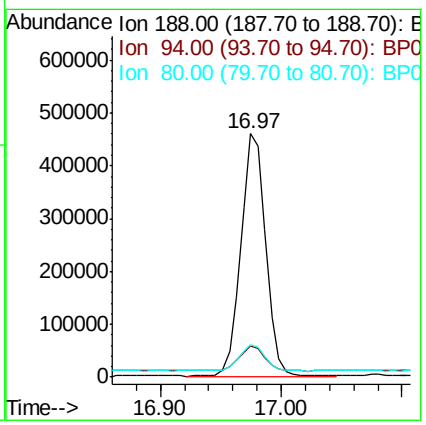


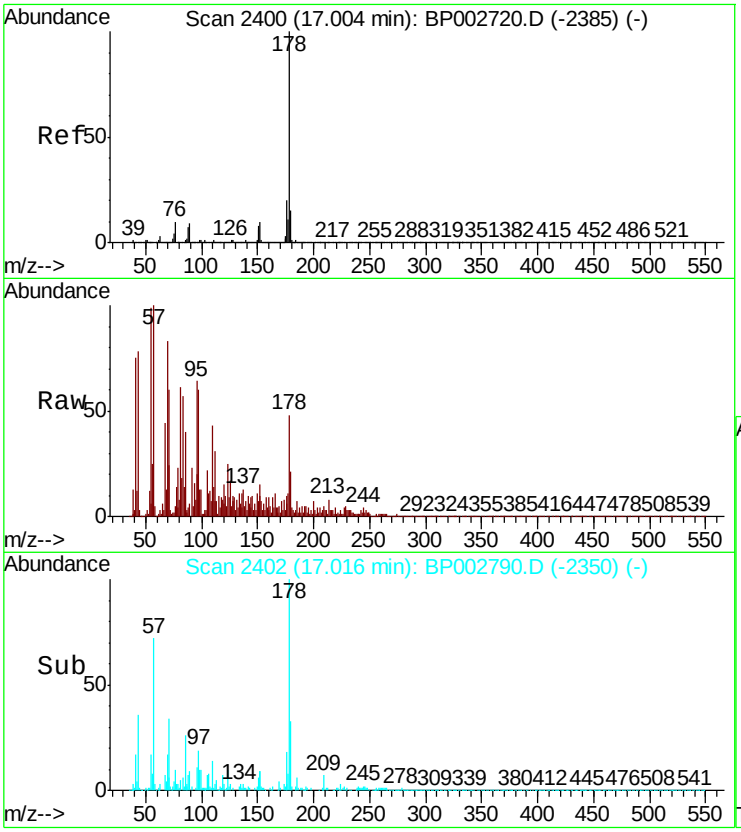


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.97 min Scan# 2395
Delta R.T. 0.01 min
Lab File: BP002790.D
Acq: 17 Jul 2020 14:03

Tgt Ion:188 Resp: 658129

Ion	Ratio	Lower	Upper
188	100		
94	12.8	8.1	12.1#
80	13.3	8.9	13.3#



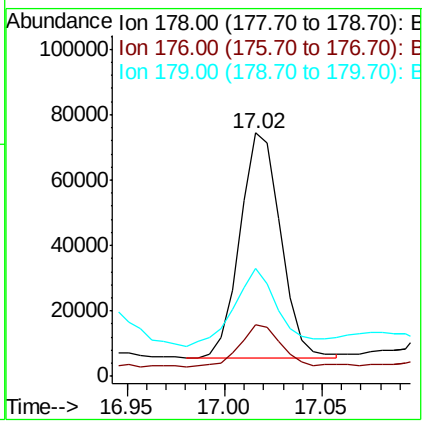


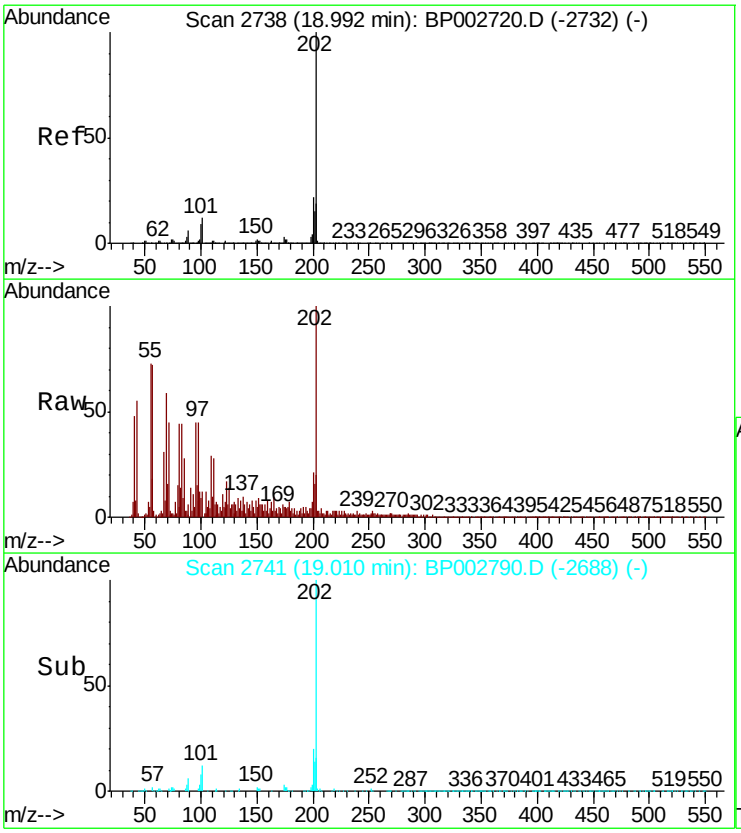
#71
Phenanthrene
Concen: 2.797 ng
RT: 17.02 min Scan# 2402
Delta R.T. 0.01 min
Lab File: BP002790.D
Acq: 17 Jul 2020 14:03

Instrument :
BNA_P
ClientSampleId :
10:1-COMP

Tgt Ion:178 Resp: 99652

Ion	Ratio	Lower	Upper
178	100		
176	21.0	15.9	23.9
179	44.1	12.3	18.5#

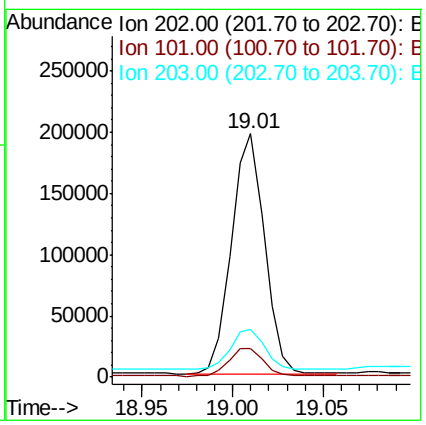


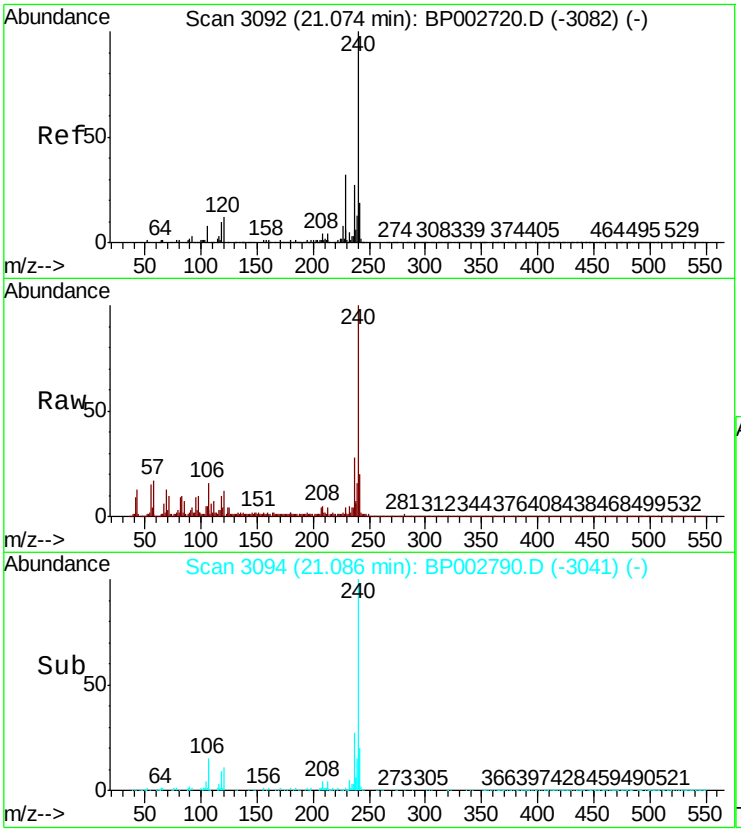


#75
Fluoranthene
Concen: 6.022 ng
RT: 19.01 min Scan# 2741
Delta R.T. 0.01 min
Lab File: BP002790.D
Acq: 17 Jul 2020 14:03

Tgt Ion:202 Resp: 248639

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	32.5
203	19.9	0.0	38.6



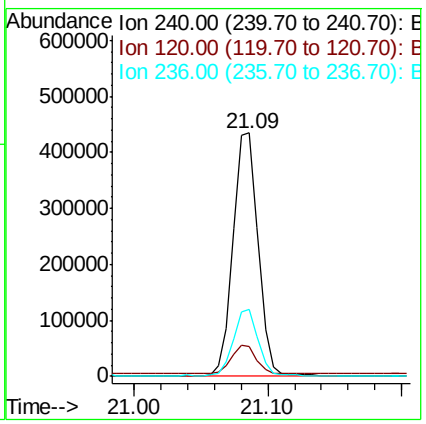


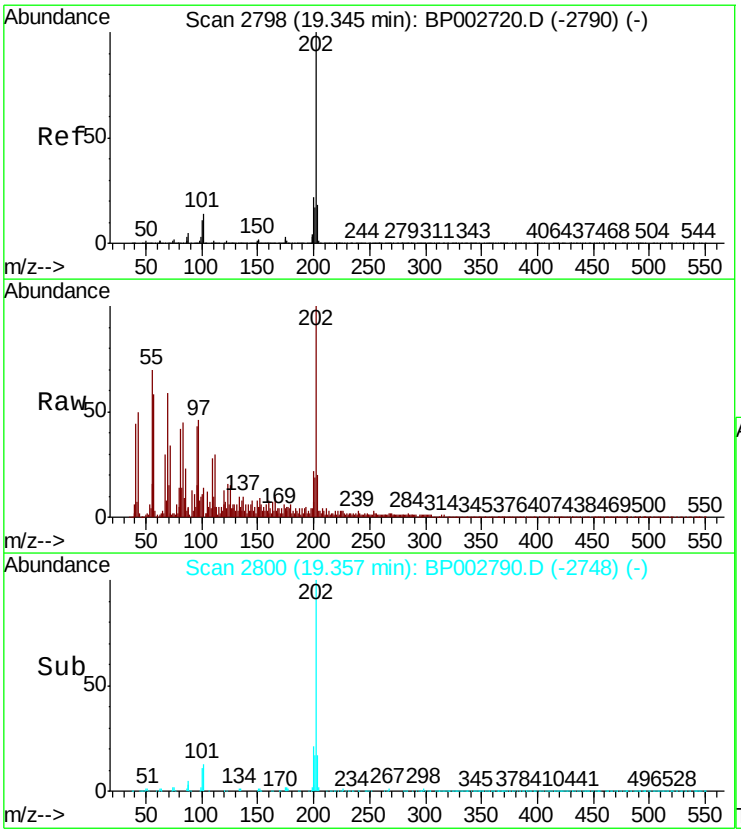
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.09 min Scan# 3094
Delta R.T. 0.01 min
Lab File: BP002790.D
Acq: 17 Jul 2020 14:03

Instrument :
BNA_P
ClientSampleId :
10:1-COMP

Tgt Ion:240 Resp: 565896

Ion	Ratio	Lower	Upper
240	100		
120	12.2	9.4	14.2
236	27.6	21.3	31.9

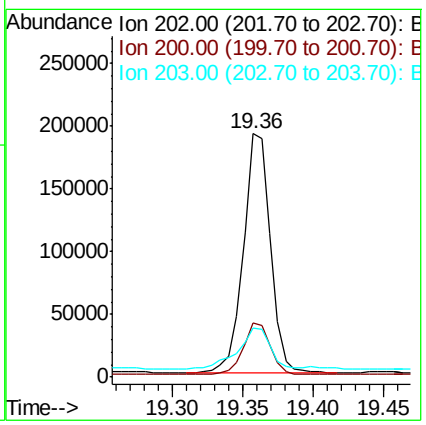


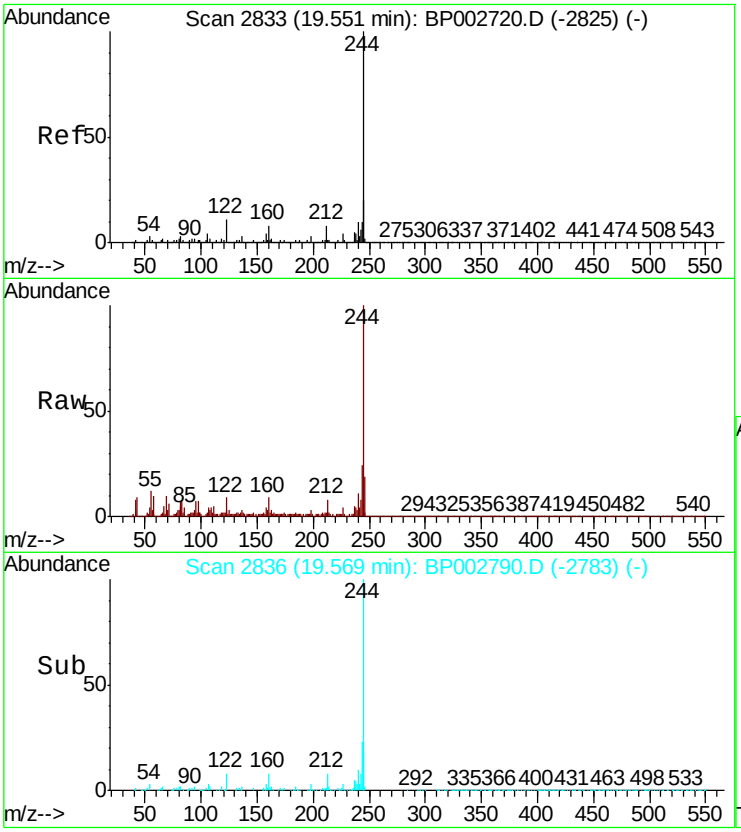


#78
Pyrene
Concen: 6.564 ng
RT: 19.36 min Scan# 2800
Delta R.T. 0.01 min
Lab File: BP002790.D
Acq: 17 Jul 2020 14:03

Tgt Ion:202 Resp: 256460

Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.7	26.5
203	20.3	14.5	21.7



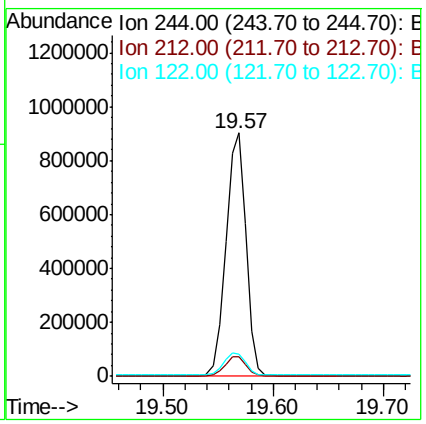


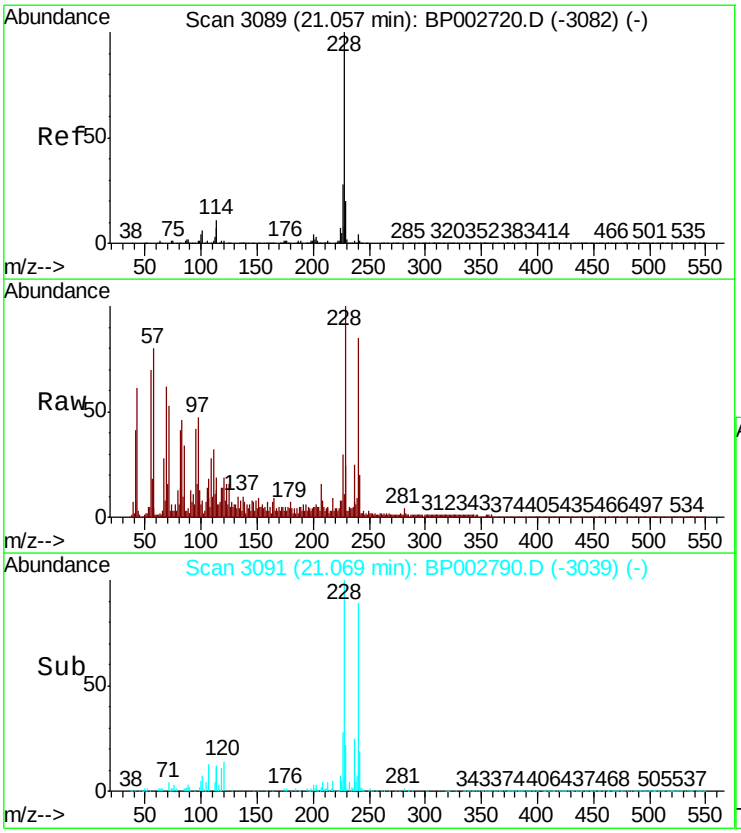
#79
Terphenyl-d14
Concen: 46.296 ng
RT: 19.57 min Scan# 2836
Delta R.T. 0.01 min
Lab File: BP002790.D
Acq: 17 Jul 2020 14:03

Instrument :
BNA_P
ClientSampleId :
10:1-COMP

Tgt Ion:244 Resp: 1142684

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.0	9.0
122	8.9	8.9	13.3

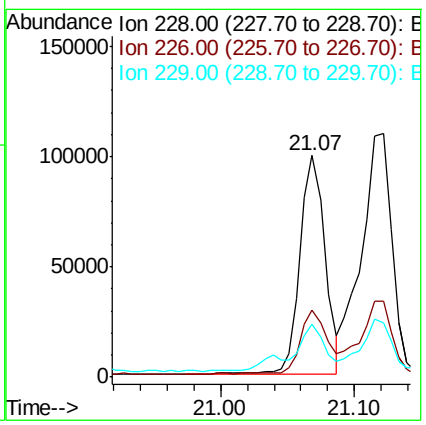


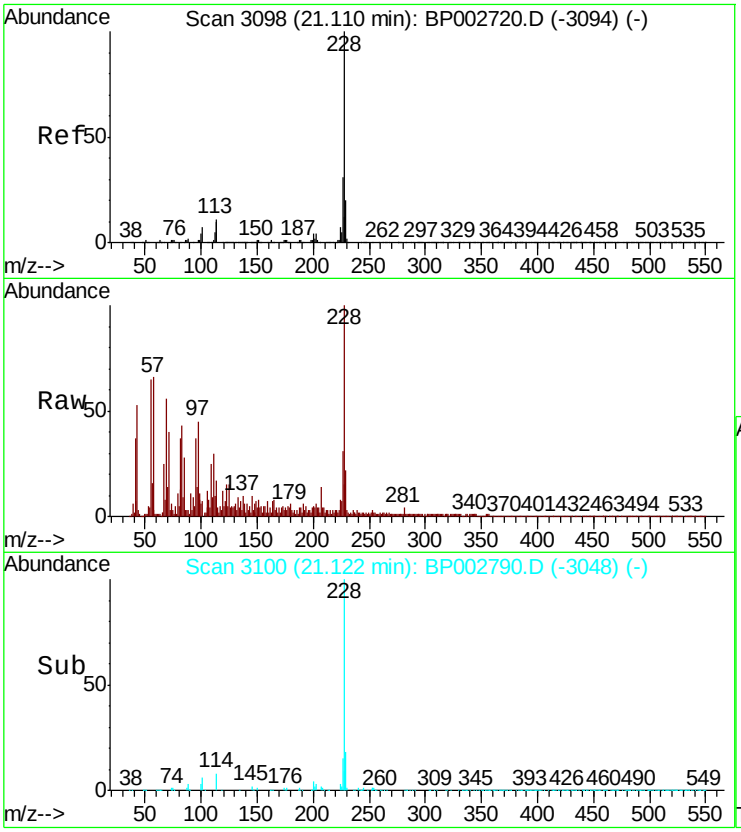


#81
Benzo(a)anthracene
Concen: 3.522 ng
RT: 21.07 min Scan# 3091
Delta R.T. 0.01 min
Lab File: BP002790.D
Acq: 17 Jul 2020 14:03

Tgt Ion:228 Resp: 129001

Ion	Ratio	Lower	Upper
228	100		
226	30.3	22.6	34.0
229	24.0	16.0	24.0



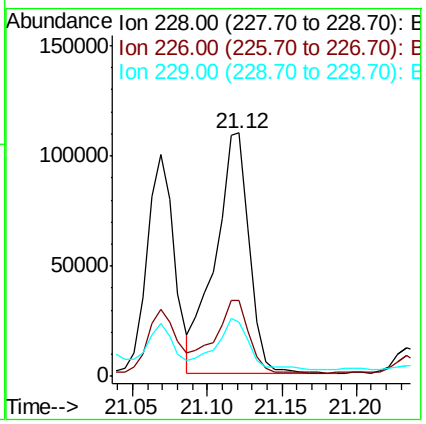


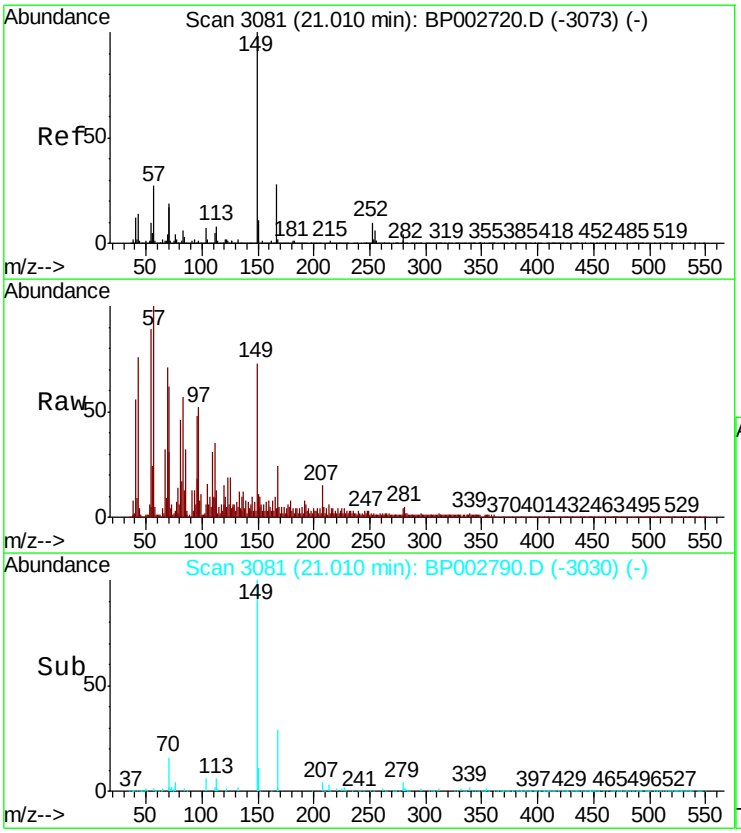
#83
Chrysene
Concen: 5.013 ng
RT: 21.12 min Scan# 3100
Delta R.T. 0.01 min
Lab File: BP002790.D
Acq: 17 Jul 2020 14:03

Instrument :
BNA_P
ClientSampleId :
10:1-COMP

Tgt Ion:228 Resp: 174803

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.6	37.0
229	22.4	15.7	23.5

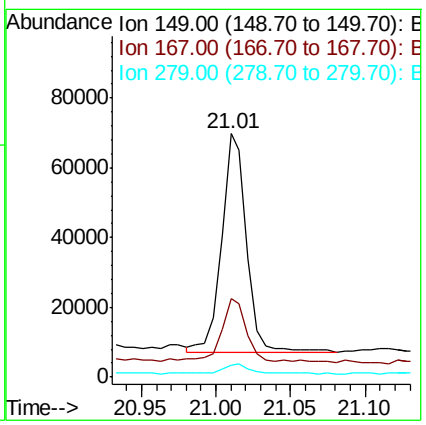


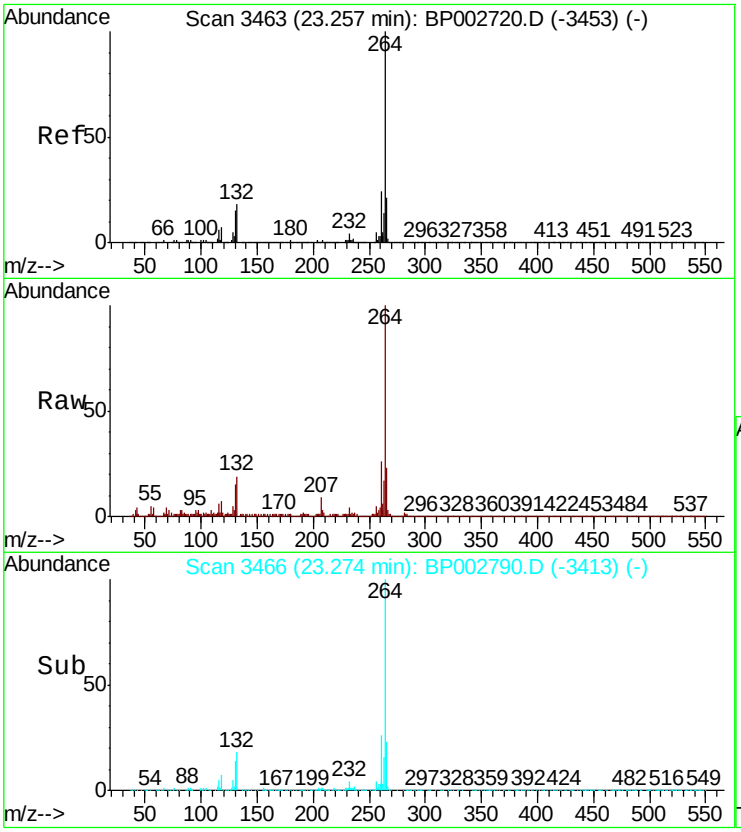


#84
Bis(2-ethylhexyl)phthalate
Concen: 3.471 ng
RT: 21.01 min Scan# 3081
Delta R.T. 0.00 min
Lab File: BP002790.D
Acq: 17 Jul 2020 14:03

Tgt Ion:149 Resp: 74434

Ion	Ratio	Lower	Upper
149	100		
167	32.5	22.4	33.6
279	5.0	3.5	5.3



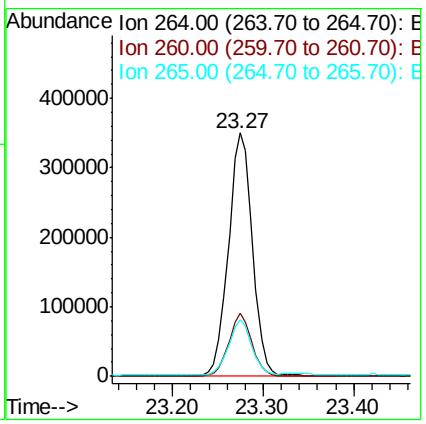


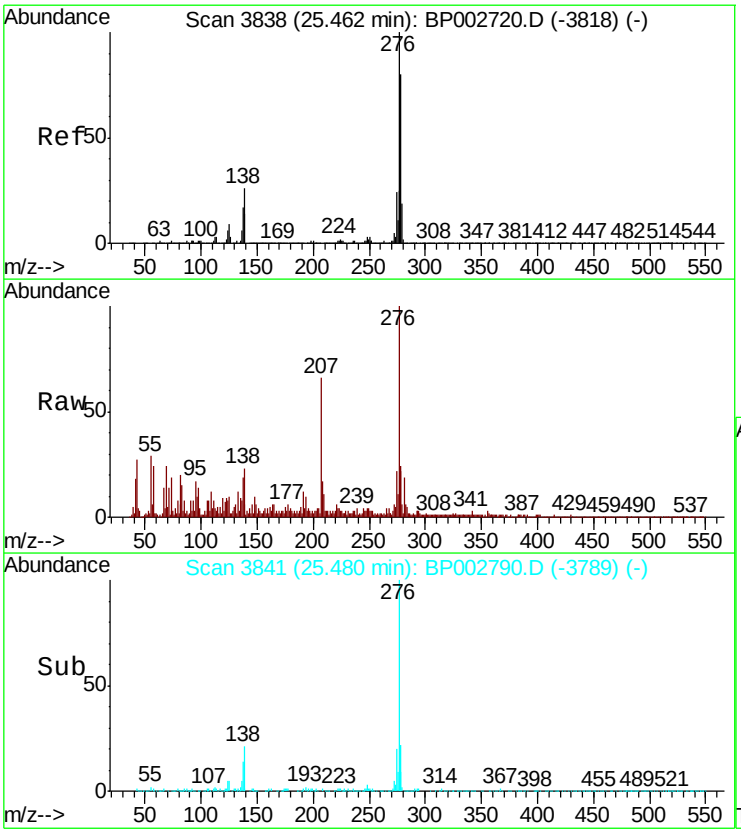
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.27 min Scan# 3466
Delta R.T. 0.01 min
Lab File: BP002790.D
Acq: 17 Jul 2020 14:03

Instrument :
BNA_P
ClientSampleId :
10:1-COMP

Tgt Ion:264 Resp: 642354

Ion	Ratio	Lower	Upper
264	100		
260	26.1	19.3	28.9
265	23.2	16.8	25.2

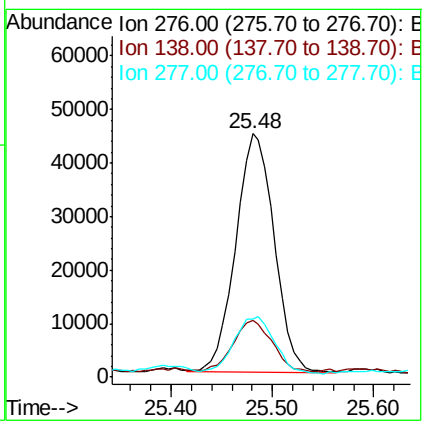


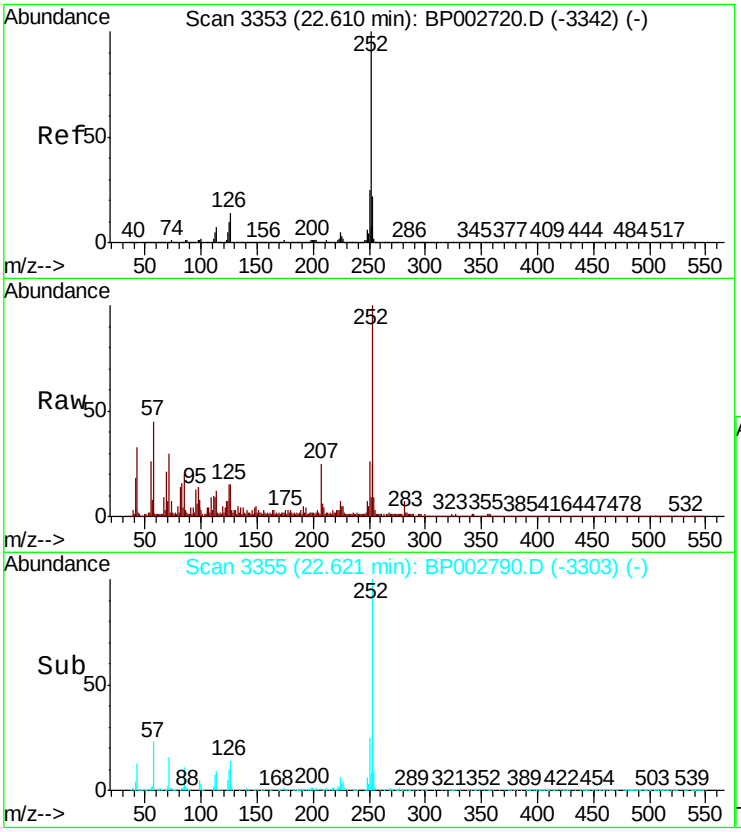


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.546 ng
RT: 25.48 min Scan# 3841
Delta R.T. 0.01 min
Lab File: BP002790.D
Acq: 17 Jul 2020 14:03

Tgt Ion:276 Resp: 118201

Ion	Ratio	Lower	Upper
276	100		
138	22.4	20.8	31.2
277	25.0	20.0	30.0



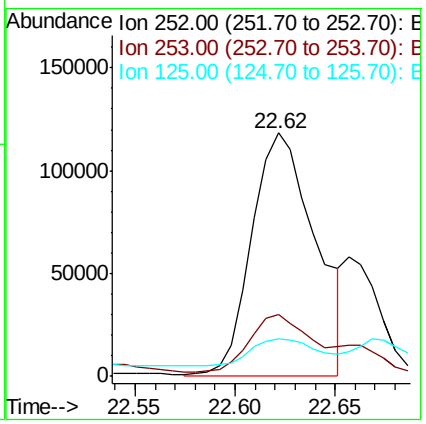


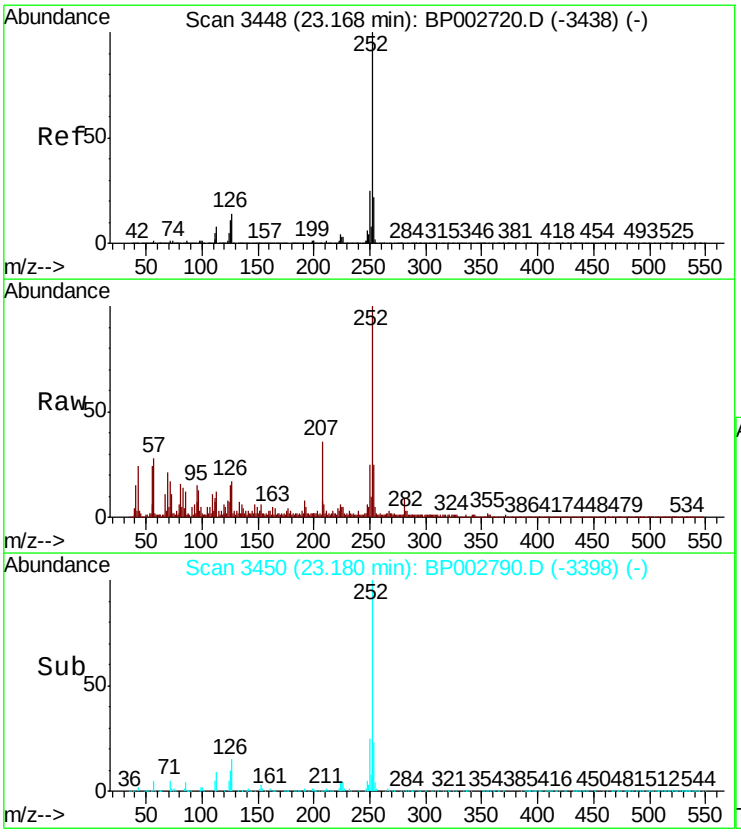
#88
Benzo(b)fluoranthene
Concen: 6.548 ng m
RT: 22.62 min Scan# 3355
Delta R.T. 0.01 min
Lab File: BP002790.D
Acq: 17 Jul 2020 14:03

Instrument :
BNA_P
ClientSampleId :
10:1-COMP

Tgt Ion:252 Resp: 261167

Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.7	26.5
125	15.2	8.2	12.2#

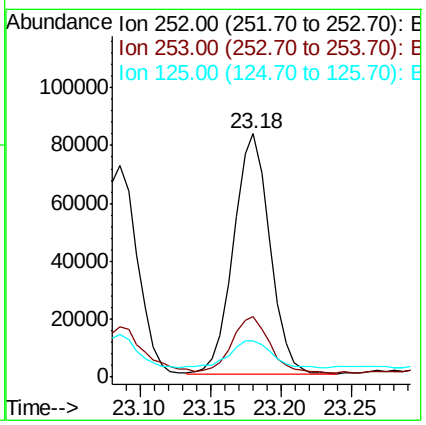


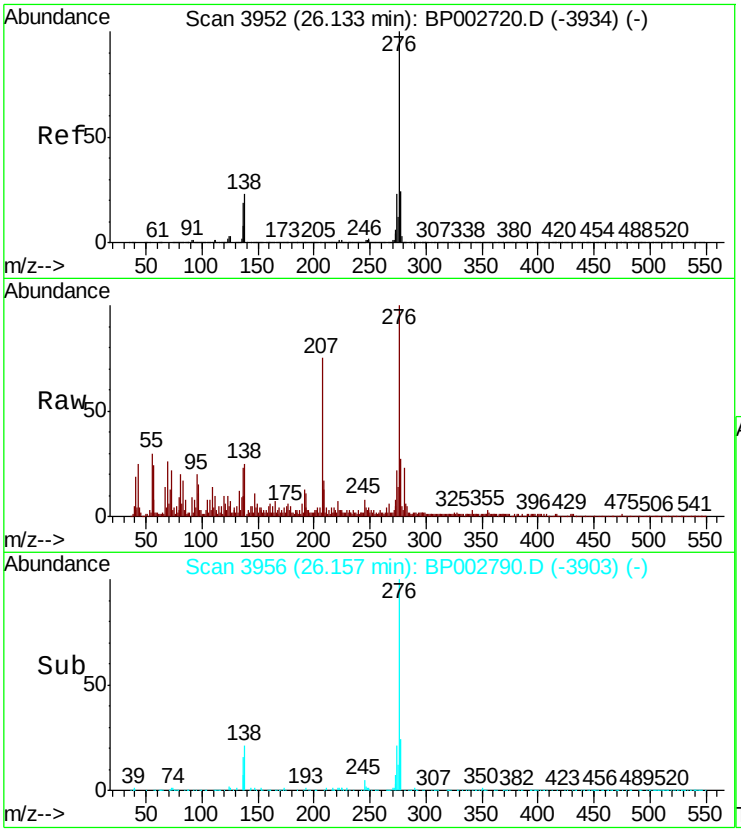


#90
Benzo(a)pyrene
Concen: 3.954 ng
RT: 23.18 min Scan# 3450
Delta R.T. 0.01 min
Lab File: BP002790.D
Acq: 17 Jul 2020 14:03

Tgt Ion:252 Resp: 149439

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.6	26.4
125	15.1	8.6	13.0#





#92
Benzo(g,h,i)perylene
Concen: 3.094 ng
RT: 26.16 min Scan# 3956
Delta R.T. 0.01 min
Lab File: BP002790.D
Acq: 17 Jul 2020 14:03

Instrument :
BNA_P
ClientSampleId :
10:1-COMP

Tgt Ion:276 Resp: 117447

Ion	Ratio	Lower	Upper
276	100		
277	26.7	19.1	28.7
138	24.9	18.3	27.5