Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120221\
Data File : BP008197.D
Acq On : 02 Dec 2021 18:18
Operator : CG/JU
Sample : M4877-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-5-120121

Quant Time: Dec 03 03:36:49 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 01 12:06:05 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.793	152	85389	20.000	ng		-0.02
21) Naphthalene-d8	10.593	136	315909	20.000	ng		-0.02
39) Acenaphthene-d10	14.439	164	203351	20.000	ng		-0.02
64) Phenanthrene-d10	17.204	188	434478	20.000	ng		-0.01
76) Chrysene-d12	21.310	240	442538	20.000	ng		0.00
86) Perylene-d12	23.710	264	501807	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.387	112	508081	95.804	ng		-0.02
7) Phenol-d6	6.981	99	661549	92.406	ng		-0.02
23) Nitrobenzene-d5	8.957	82	449643	64.723	ng		-0.02
42) 2,4,6-Tribromophenol	15.945	330	258810	99.574	ng		-0.01
45) 2-Fluorobiphenyl	13.063	172	822820	58.774	ng		-0.02
79) Terphenyl-d14	19.774	244	1191224	56.257	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.946	77	556	Below Cal		#	64
10) Phenol	7.005	94	15563	2.115	ng	#	69
49) Acenaphthylene	14.163	152	115665	6.435	ng		98
52) Acenaphthene	14.510	154	21843	2.039	ng		99
71) Phenanthrene	17.245	178	585040	25.504	ng		99
72) Anthracene	17.339	178	200530	8.809	ng		99
73) Carbazole	17.616	167	51043	2.297	ng		98
75) Fluoranthene	19.227	202	2419134	78.282	ng		98
78) Pyrene	19.580	202	2184424	80.406	ng		100
81) Benzo(a)anthracene	21.298	228	1572658	53.620	ng		97
83) Chrysene	21.345	228	1415357	50.712	ng		97
87) Indeno(1,2,3-cd)pyrene	26.209	276	788560	21.600	ng	#	95
88) Benzo(b)fluoranthene	22.986	252	2022296	66.850	ng		98
89) Benzo(k)fluoranthene	22.986	252	2022296	68.283	ng		97
90) Benzo(a)pyrene	23.604	252	1273187	49.243	ng		96
91) Dibenzo(a,h)anthracene	26.215	278	228871	7.549	ng		94
92) Benzo(g,h,i)perylene	26.980	276	692760	22.649	ng		98

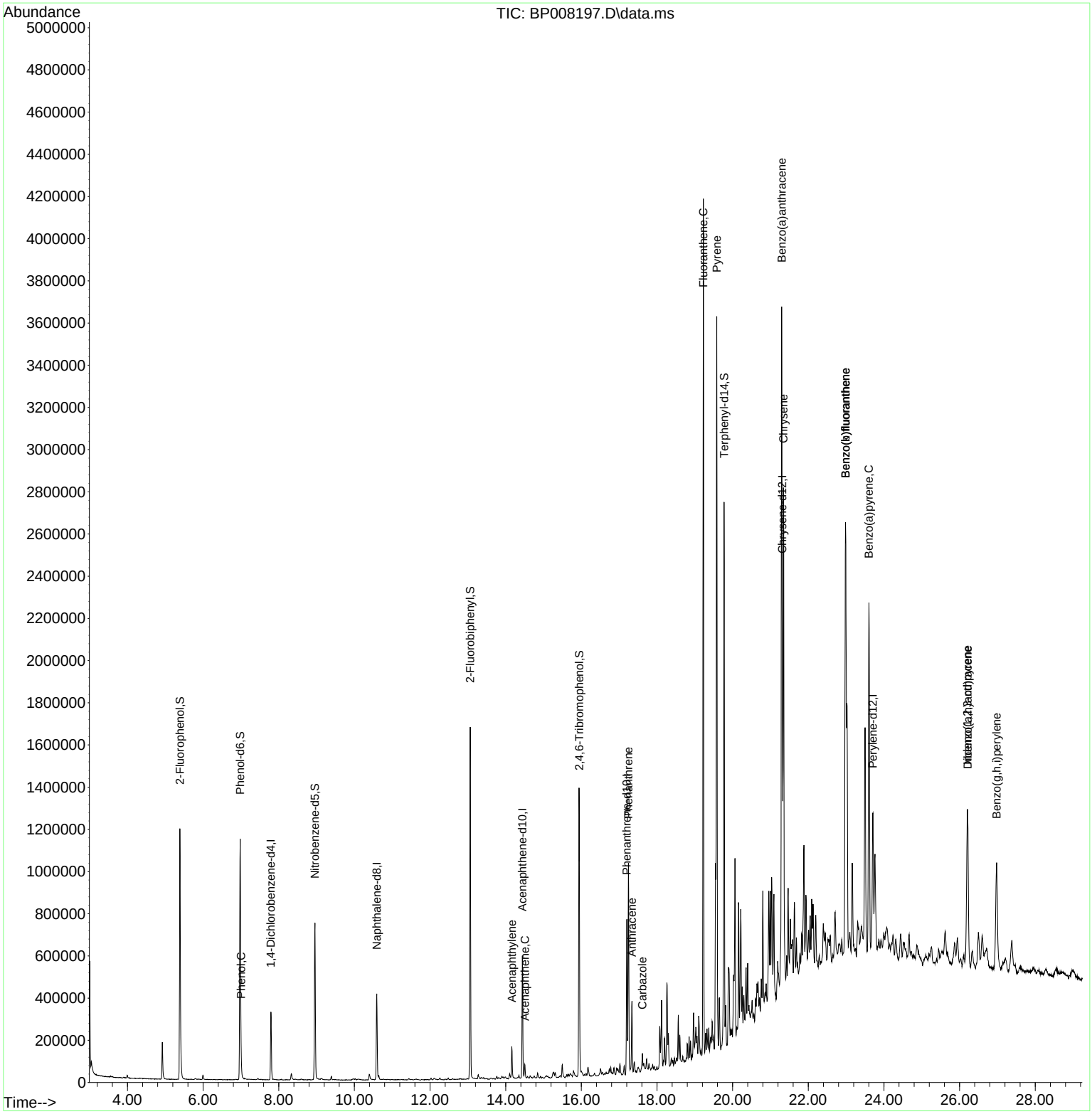
(#) = qualifier out of range (m) = manual integration (+) = signals summed

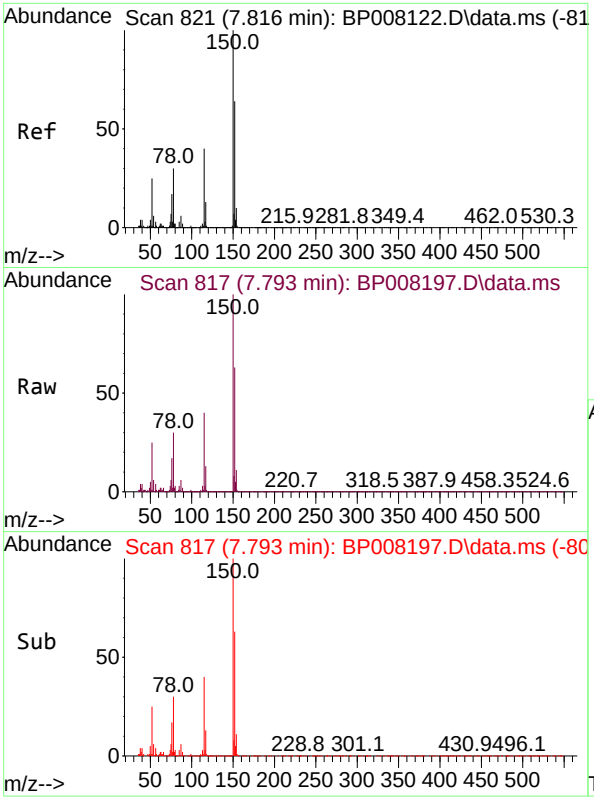
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120221\
Data File : BP008197.D
Acq On : 02 Dec 2021 18:18
Operator : CG/JU
Sample : M4877-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-5-120121

Quant Time: Dec 03 03:36:49 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 01 12:06:05 2021
Response via : Initial Calibration



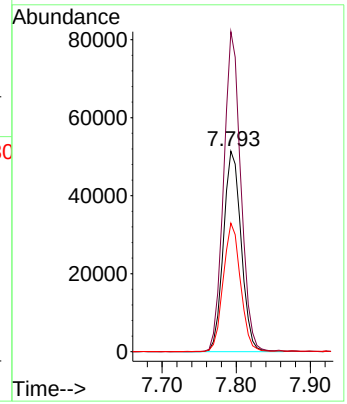


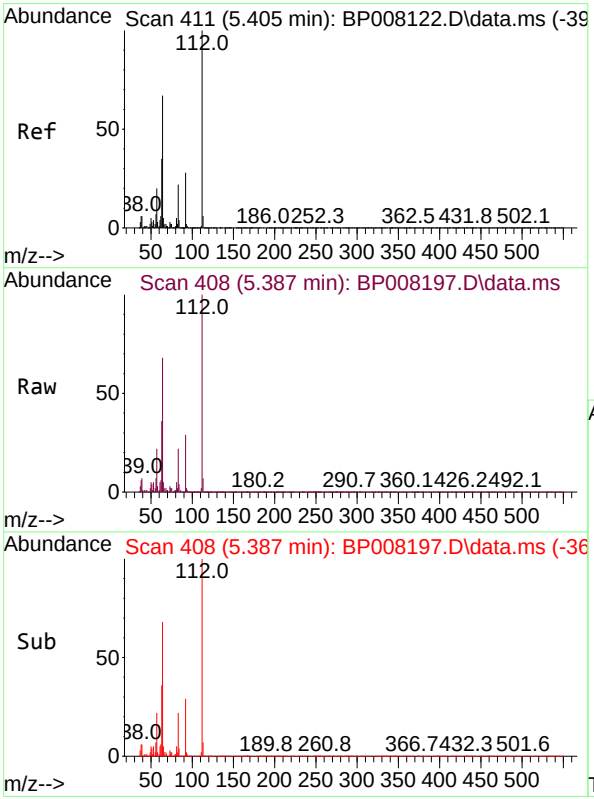
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.793 min Scan# 81
Delta R.T. -0.023 min
Lab File: BP008197.D
Acq: 02 Dec 2021 18:18

Instrument :
BNA_P
ClientSampleId :
PL-5-120121

Tgt Ion:152 Resp: 85389

Ion	Ratio	Lower	Upper
152	100		
150	159.7	125.7	188.5
115	64.2	50.7	76.1

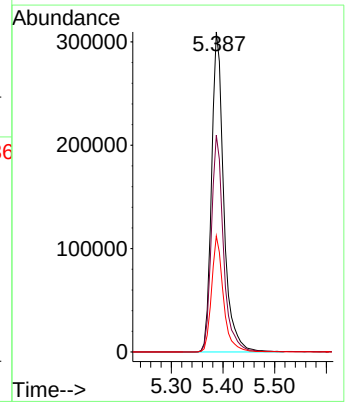


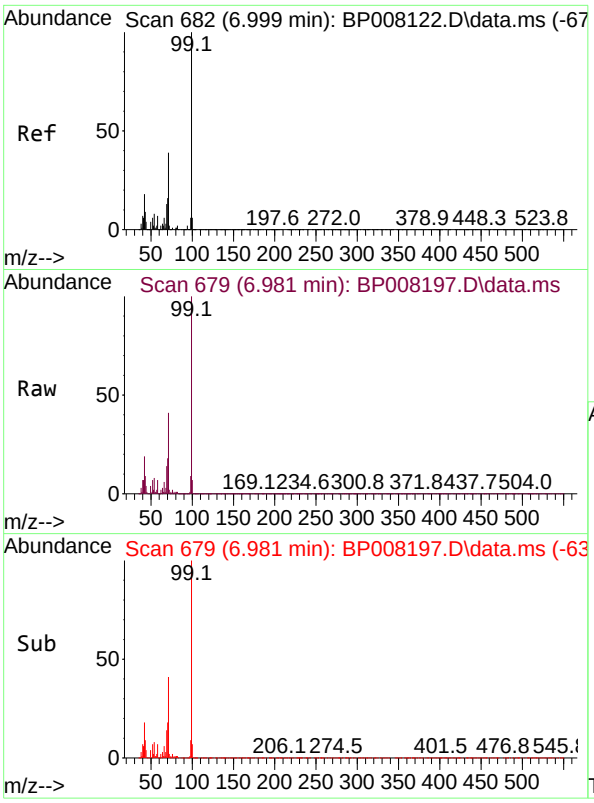


#5
2-Fluorophenol
Concen: 95.804 ng
RT: 5.387 min Scan# 408
Delta R.T. -0.018 min
Lab File: BP008197.D
Acq: 02 Dec 2021 18:18

Tgt Ion:112 Resp: 508081

Ion	Ratio	Lower	Upper
112	100		
64	67.8	53.4	80.2
63	36.2	27.8	41.8



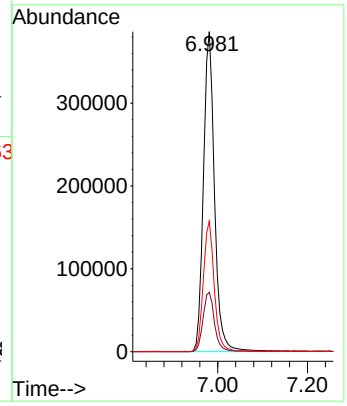


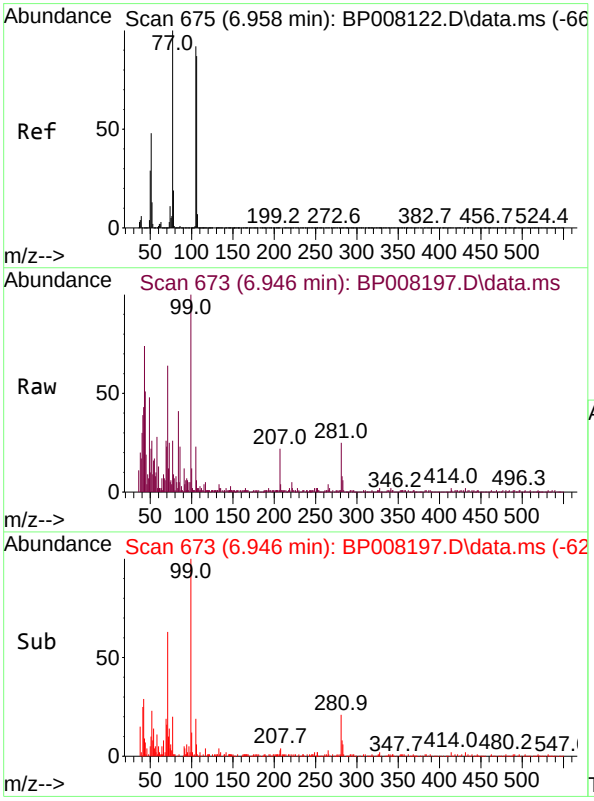
#7
Phenol-d6
Concen: 92.406 ng
RT: 6.981 min Scan# 6
Delta R.T. -0.018 min
Lab File: BP008197.D
Acq: 02 Dec 2021 18:18

Instrument :
BNA_P
ClientSampleId :
PL-5-120121

Tgt Ion: 99 Resp: 661549

Ion	Ratio	Lower	Upper
99	100		
42	18.6	14.6	22.0
71	40.8	31.1	46.7

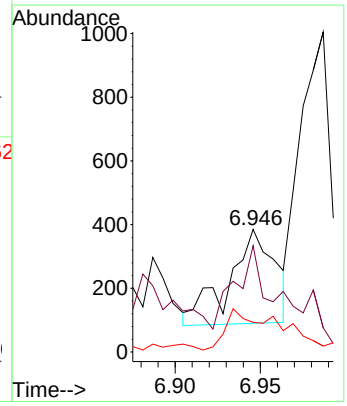


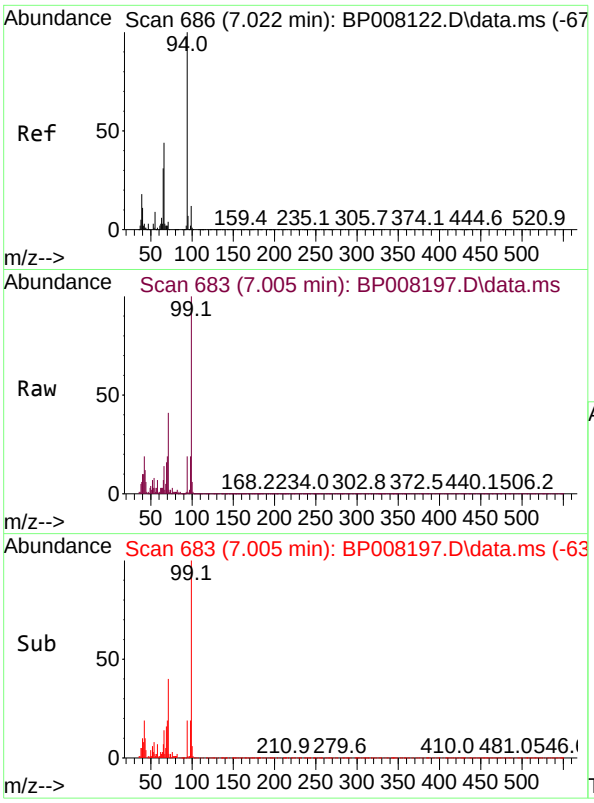


#9
Benzaldehyde
Concen: Below Cal
RT: 6.946 min Scan# 673
Delta R.T. -0.012 min
Lab File: BP008197.D
Acq: 02 Dec 2021 18:18

Tgt Ion: 77 Resp: 556

Ion	Ratio	Lower	Upper
77	100		
105	86.8	71.8	111.8
106	24.2	67.3	107.3#



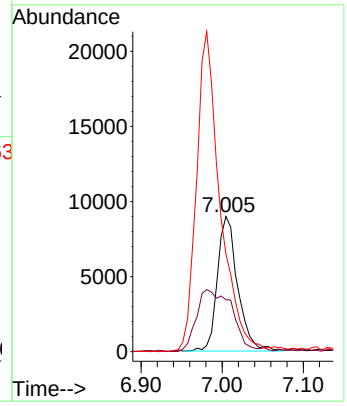


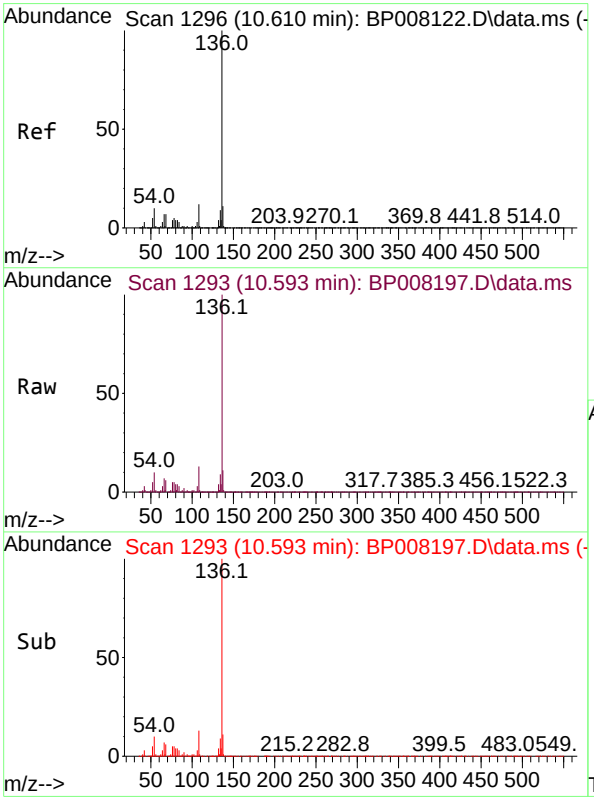
#10
Phenol
Concen: 2.115 ng
RT: 7.005 min Scan# 6
Delta R.T. -0.018 min
Lab File: BP008197.D
Acq: 02 Dec 2021 18:18

Instrument :
BNA_P
ClientSampleId :
PL-5-120121

Tgt Ion: 94 Resp: 15563

Ion	Ratio	Lower	Upper
94	100		
65	38.4	10.9	50.9
66	72.4	24.3	64.3#

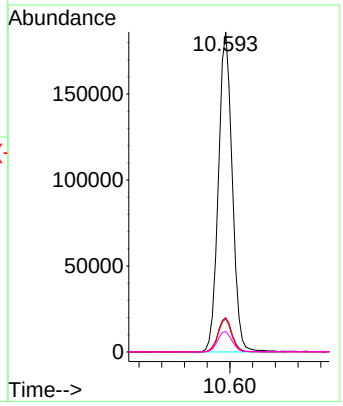


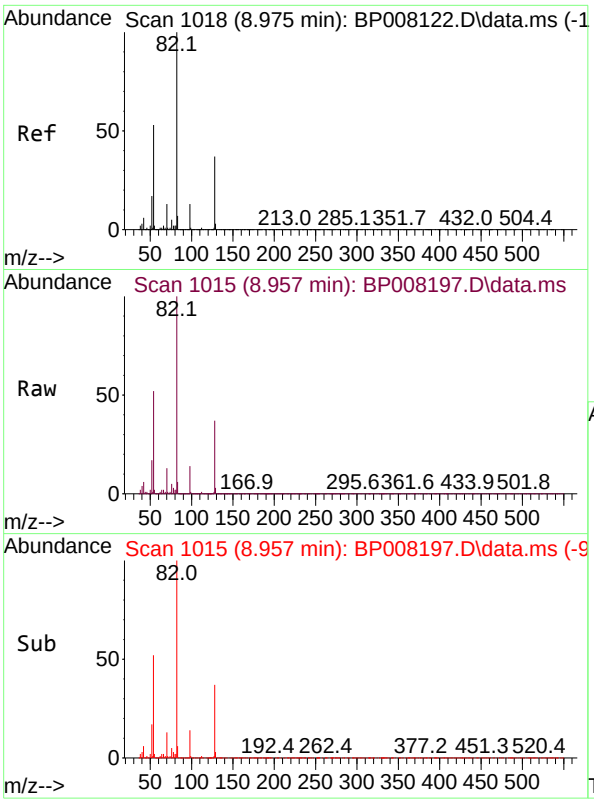


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.593 min Scan# 1293
Delta R.T. -0.018 min
Lab File: BP008197.D
Acq: 02 Dec 2021 18:18

Tgt Ion:136 Resp: 315909

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.6
54	10.4	8.2	12.4
68	6.3	5.8	8.8



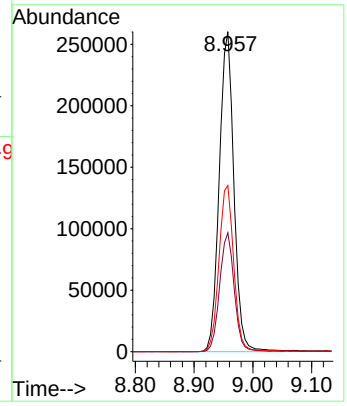


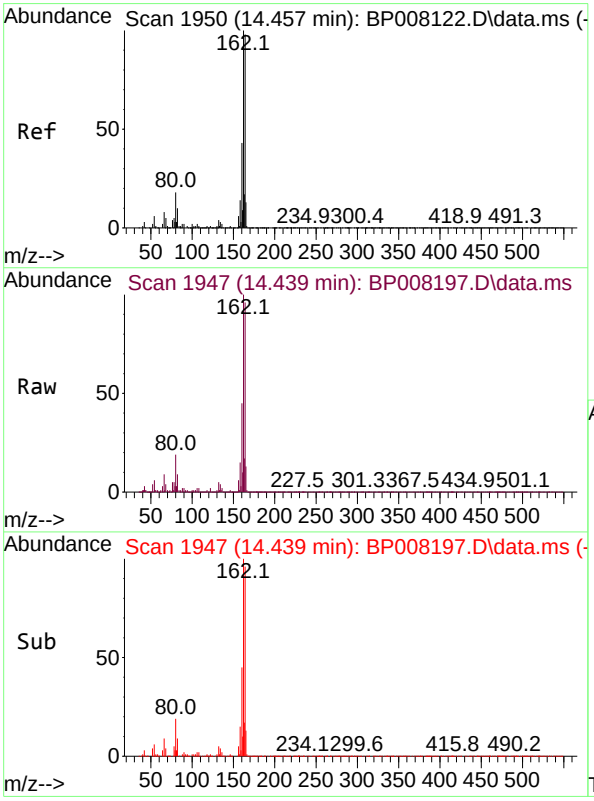
#23
Nitrobenzene-d5
Concen: 64.723 ng
RT: 8.957 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP008197.D
Acq: 02 Dec 2021 18:18

Instrument :
BNA_P
ClientSampleId :
PL-5-120121

Tgt Ion: 82 Resp: 449643

Ion	Ratio	Lower	Upper
82	100		
128	37.2	29.6	44.4
54	51.9	42.7	64.1

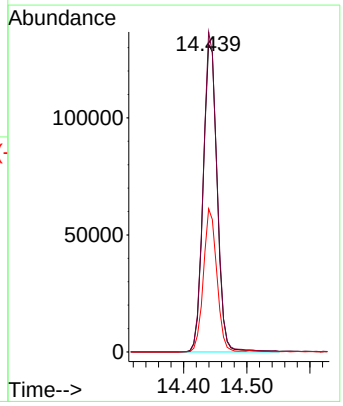


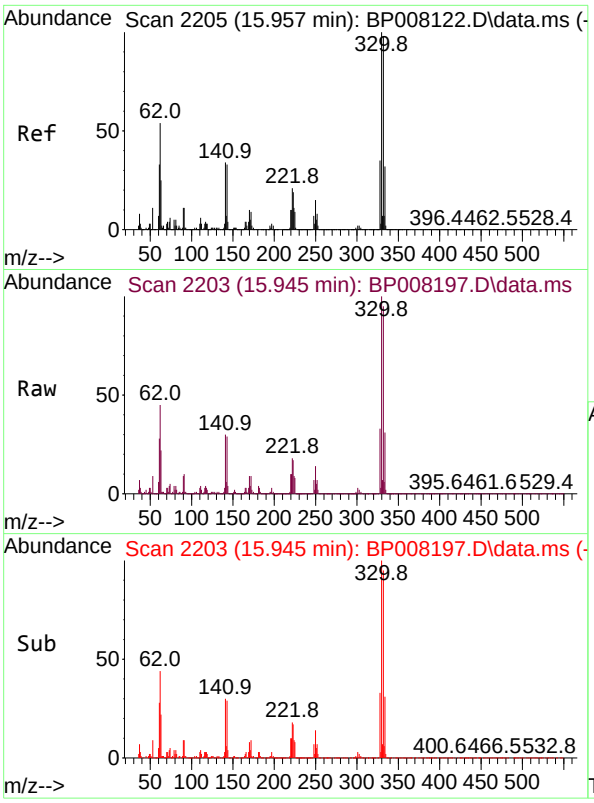


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.439 min Scan# 1947
Delta R.T. -0.018 min
Lab File: BP008197.D
Acq: 02 Dec 2021 18:18

Tgt Ion:164 Resp: 203351

Ion	Ratio	Lower	Upper
164	100		
162	104.0	81.9	122.9
160	46.5	35.4	53.0



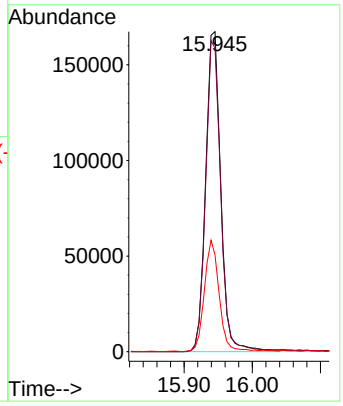


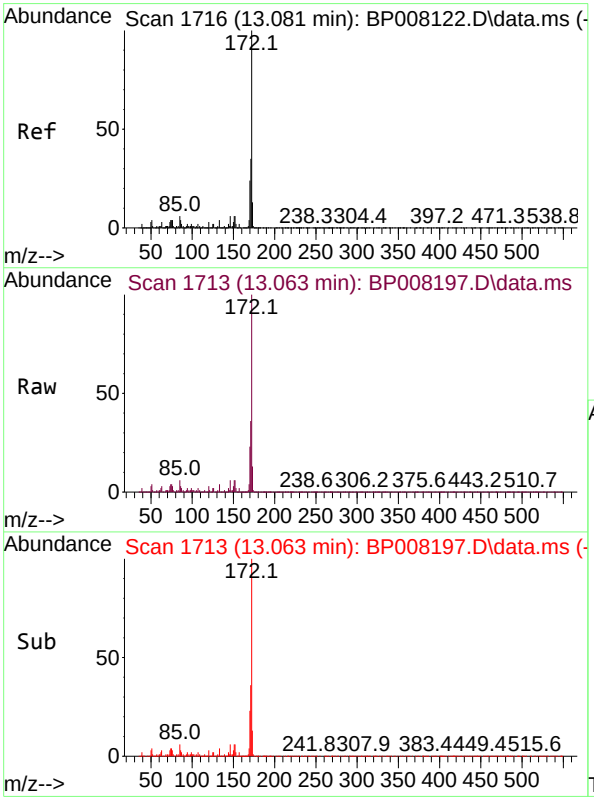
#42
2,4,6-Tribromophenol
Concen: 99.574 ng
RT: 15.945 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP008197.D
Acq: 02 Dec 2021 18:18

Instrument :
BNA_P
ClientSampleId :
PL-5-120121

Tgt Ion:330 Resp: 258810

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.4
141	34.2	28.4	42.6

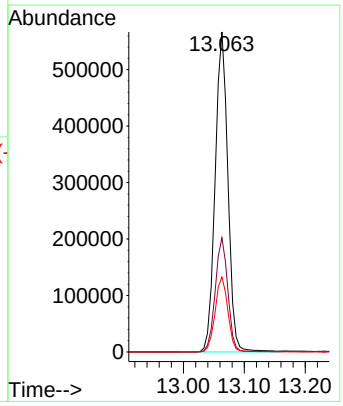


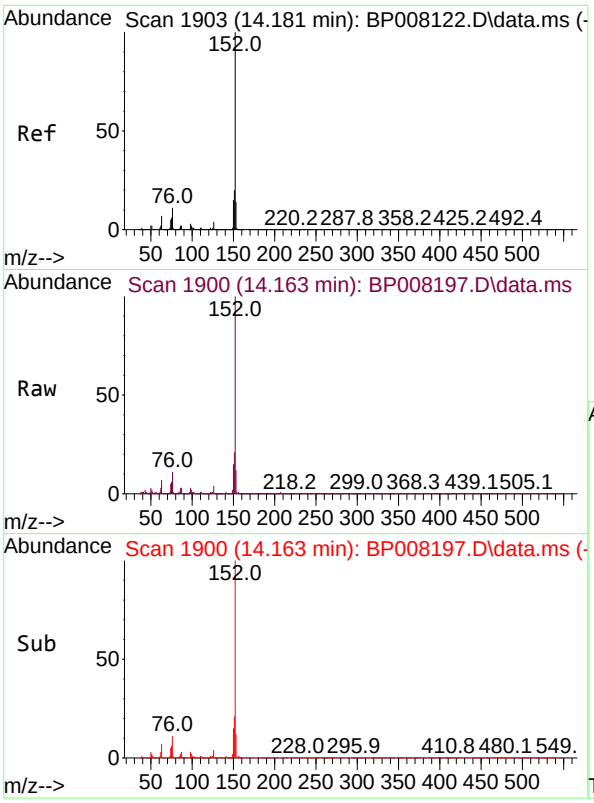


#45
2-Fluorobiphenyl
Concen: 58.774 ng
RT: 13.063 min Scan# 1713
Delta R.T. -0.018 min
Lab File: BP008197.D
Acq: 02 Dec 2021 18:18

Tgt Ion:172 Resp: 822820

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.0	42.0
170	23.5	18.9	28.3



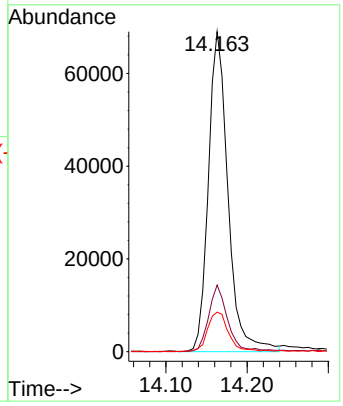


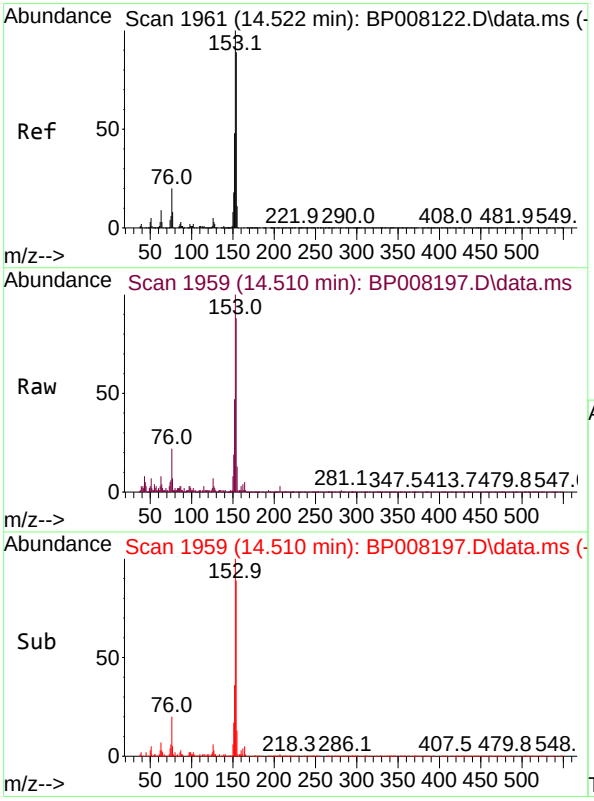
#49
Acenaphthylene
Concen: 6.435 ng
RT: 14.163 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP008197.D
Acq: 02 Dec 2021 18:18

Instrument :
BNA_P
ClientSampleId :
PL-5-120121

Tgt Ion:152 Resp: 115665

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.2	24.4
153	12.3	10.9	16.3

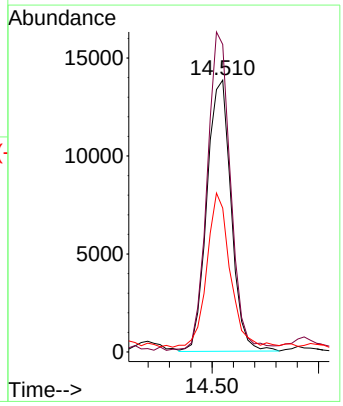


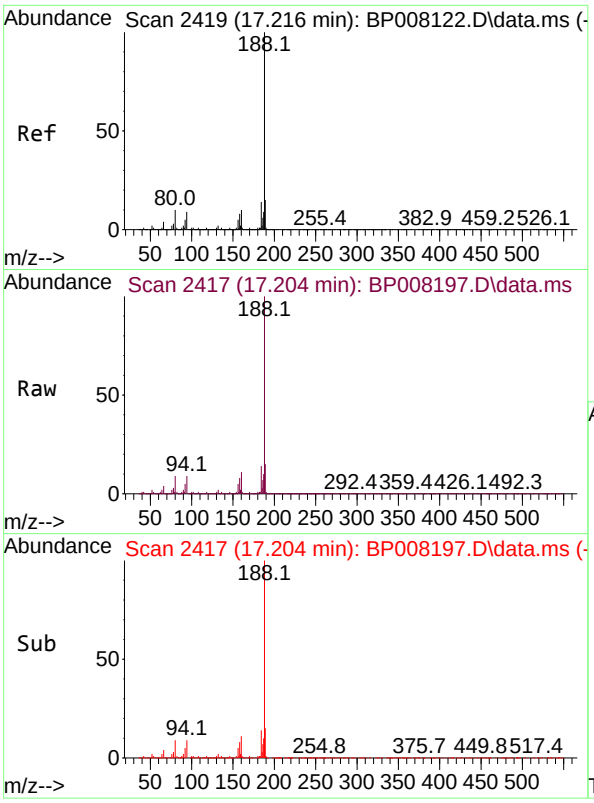


#52
Acenaphthene
Concen: 2.039 ng
RT: 14.510 min Scan# 1959
Delta R.T. -0.012 min
Lab File: BP008197.D
Acq: 02 Dec 2021 18:18

Tgt Ion:154 Resp: 21843

Ion	Ratio	Lower	Upper
154	100		
153	113.1	90.3	135.5
152	52.9	43.3	64.9



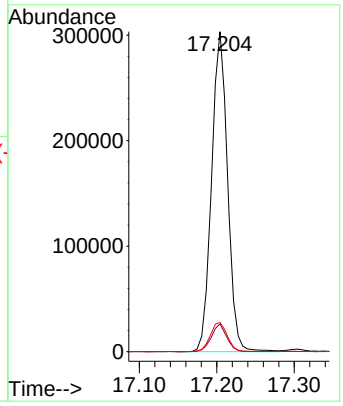


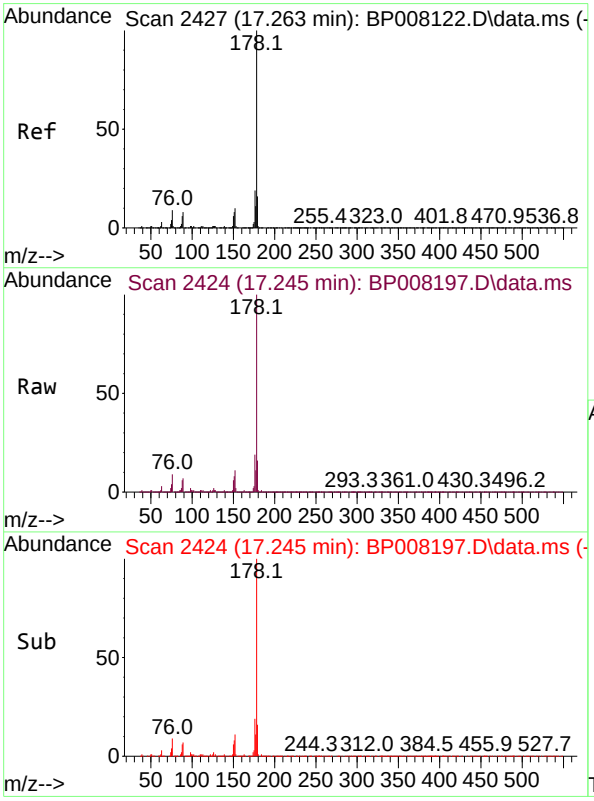
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP008197.D
Acq: 02 Dec 2021 18:18

Instrument :
BNA_P
ClientSampleId :
PL-5-120121

Tgt Ion:188 Resp: 434478

Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.2	10.8
80	9.1	8.2	12.4

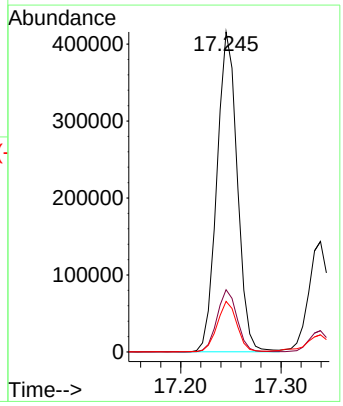


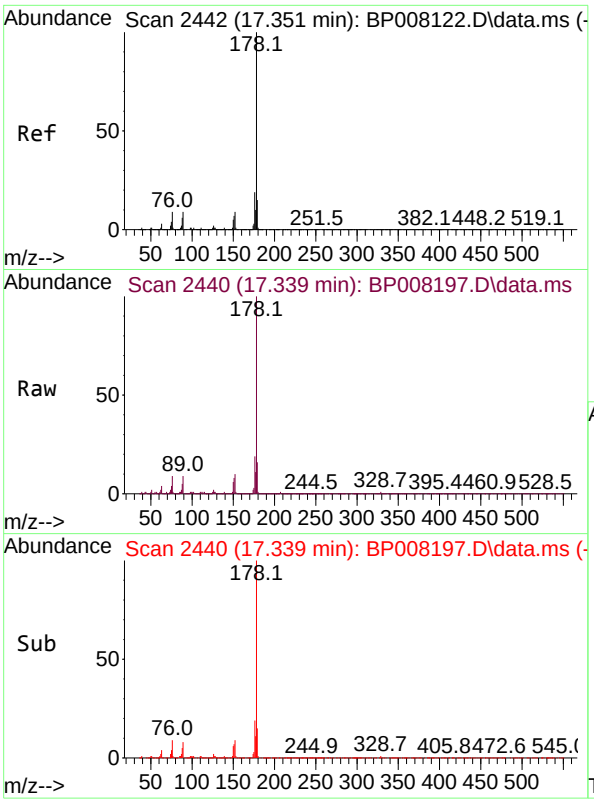


#71
Phenanthrene
Concen: 25.504 ng
RT: 17.245 min Scan# 2424
Delta R.T. -0.018 min
Lab File: BP008197.D
Acq: 02 Dec 2021 18:18

Tgt Ion:178 Resp: 585040

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.3	22.9
179	15.8	12.5	18.7



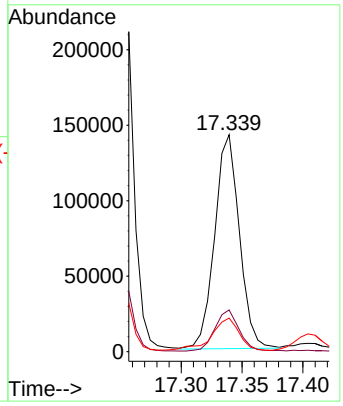


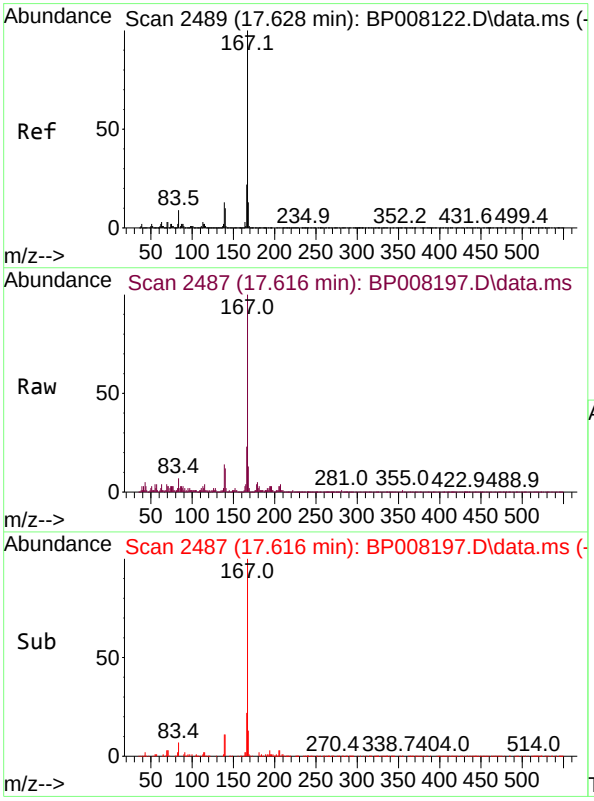
#72
Anthracene
Concen: 8.809 ng
RT: 17.339 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP008197.D
Acq: 02 Dec 2021 18:18

Instrument :
BNA_P
ClientSampleId :
PL-5-120121

Tgt Ion:178 Resp: 200530

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.1	22.7
179	15.5	12.3	18.5

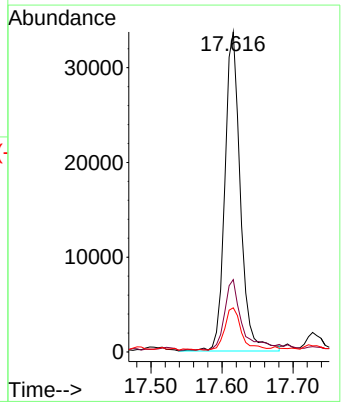


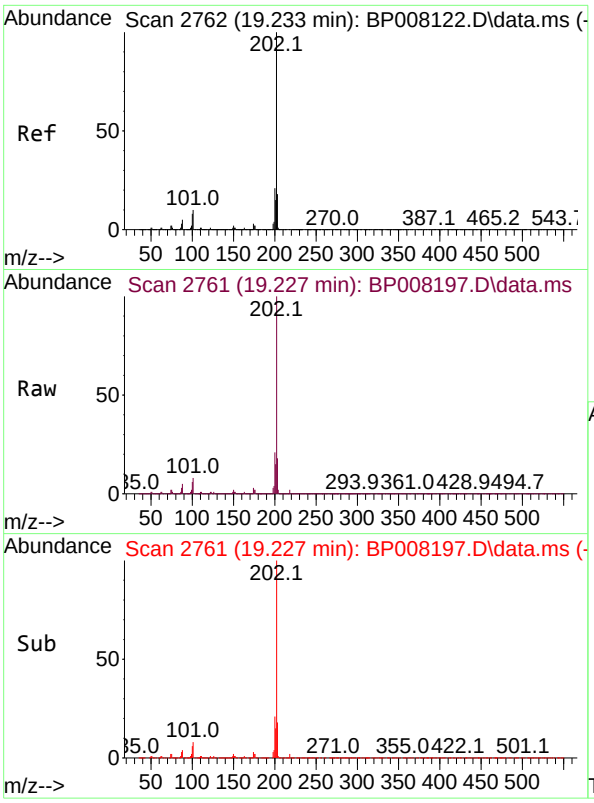


#73
Carbazole
Concen: 2.297 ng
RT: 17.616 min Scan# 2487
Delta R.T. -0.012 min
Lab File: BP008197.D
Acq: 02 Dec 2021 18:18

Tgt Ion:167 Resp: 51043

Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.4	26.0
139	13.8	10.2	15.2



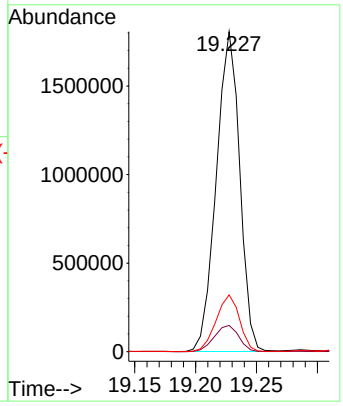


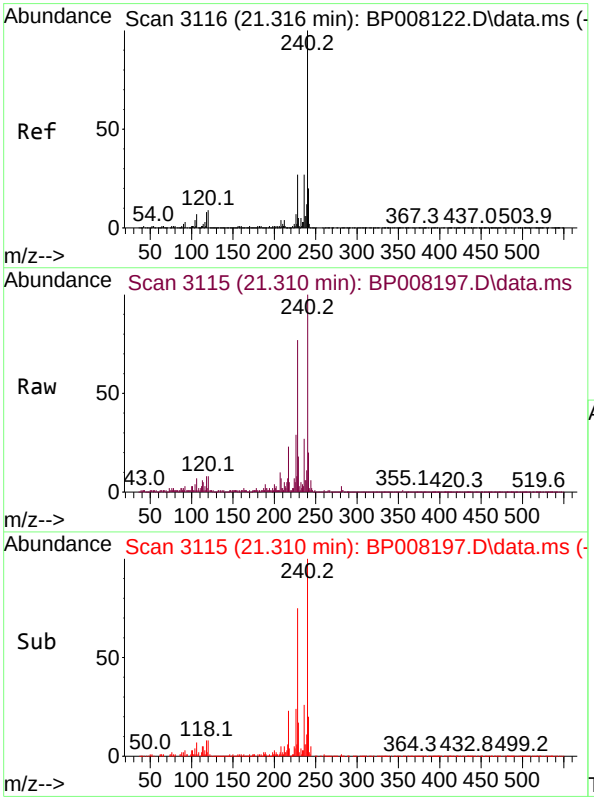
#75
Fluoranthene
Concen: 78.282 ng
RT: 19.227 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP008197.D
Acq: 02 Dec 2021 18:18

Instrument :
BNA_P
ClientSampleId :
PL-5-120121

Tgt Ion:202 Resp: 2419134

Ion	Ratio	Lower	Upper
202	100		
101	8.2	0.0	29.8
203	17.8	0.0	37.7

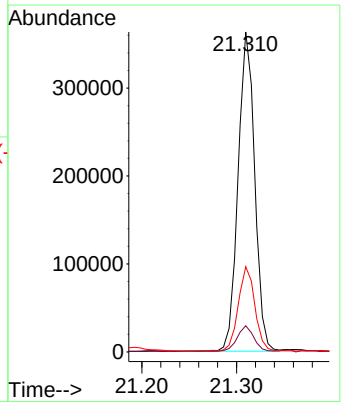


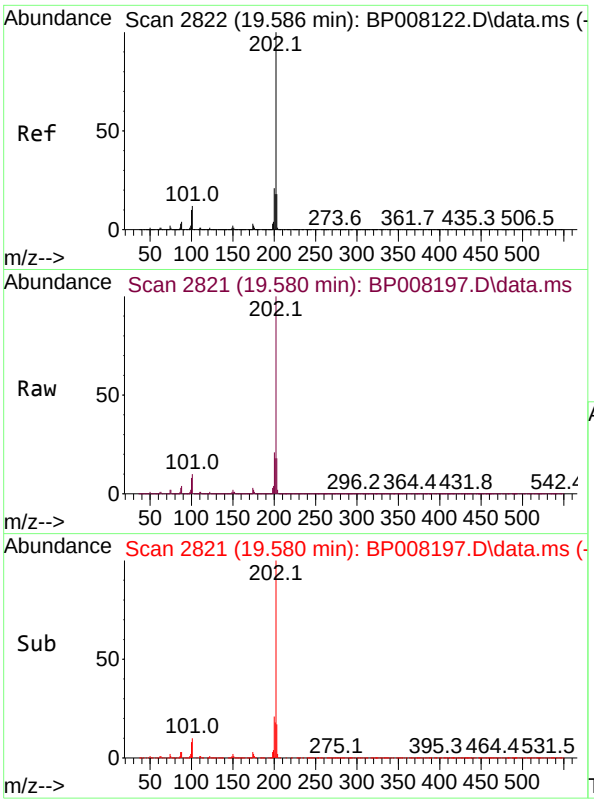


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.310 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BP008197.D
Acq: 02 Dec 2021 18:18

Tgt Ion:240 Resp: 442538

Ion	Ratio	Lower	Upper
240	100		
120	8.2	7.3	10.9
236	26.7	21.4	32.2



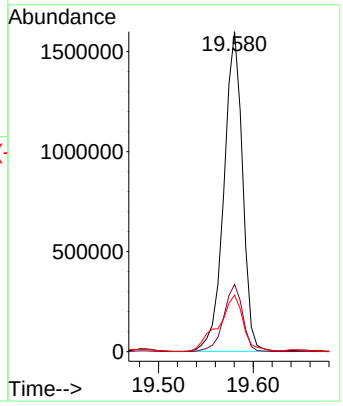


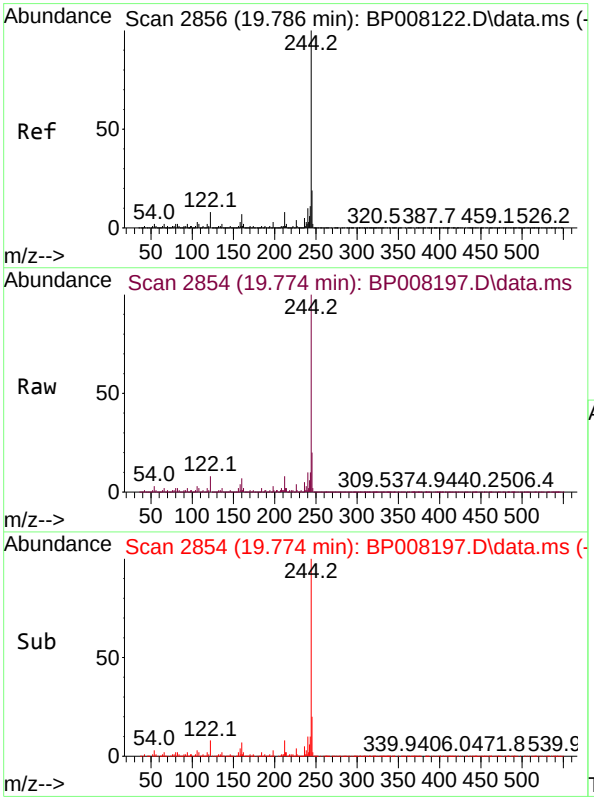
#78
Pyrene
Concen: 80.406 ng
RT: 19.580 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP008197.D
Acq: 02 Dec 2021 18:18

Instrument :
BNA_P
ClientSampleId :
PL-5-120121

Tgt Ion:202 Resp: 2184424

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.1	25.7
203	17.7	14.2	21.2

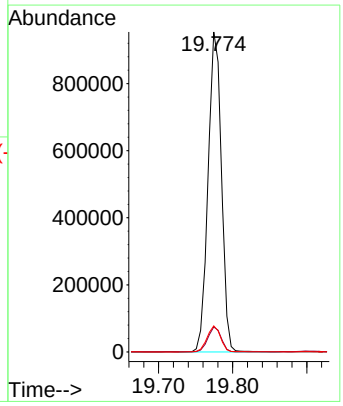


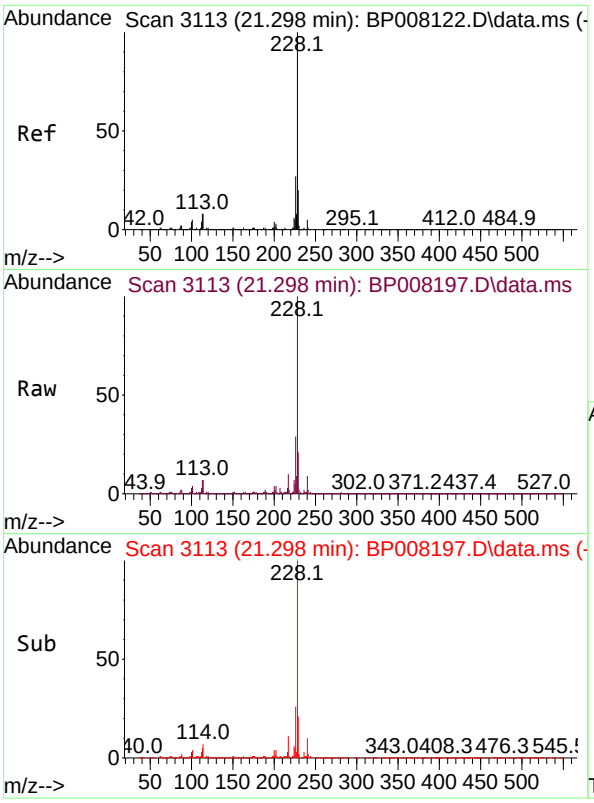


#79
Terphenyl-d14
Concen: 56.257 ng
RT: 19.774 min Scan# 2854
Delta R.T. -0.012 min
Lab File: BP008197.D
Acq: 02 Dec 2021 18:18

Tgt Ion:244 Resp: 1191224

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.0	9.0
122	8.1	6.6	9.8



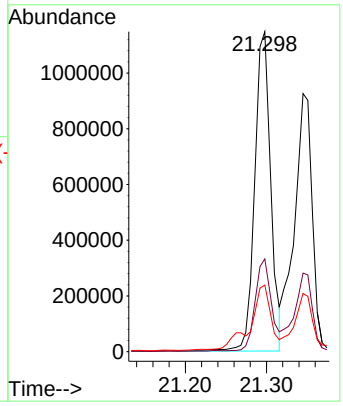


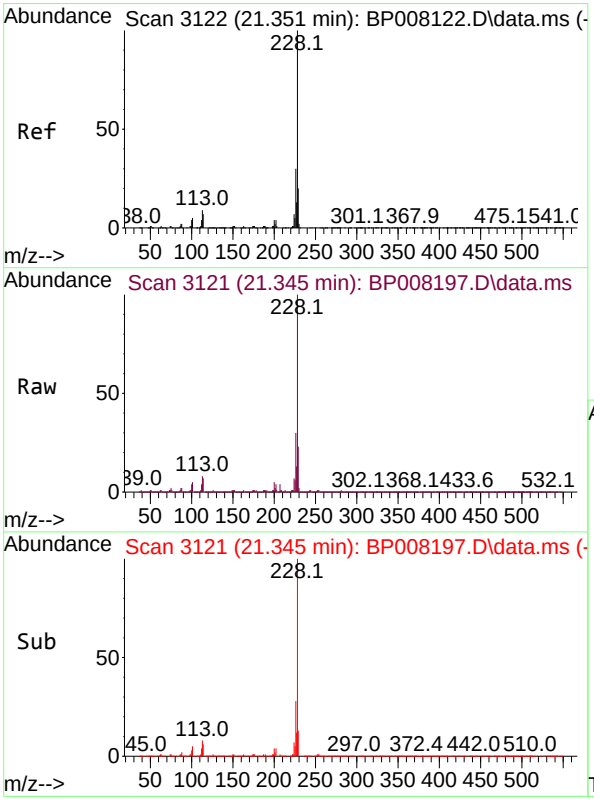
#81
Benzo(a)anthracene
Concen: 53.620 ng
RT: 21.298 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP008197.D
Acq: 02 Dec 2021 18:18

Instrument :
BNA_P
ClientSampleId :
PL-5-120121

Tgt Ion:228 Resp: 1572658

Ion	Ratio	Lower	Upper
228	100		
226	29.0	21.9	32.9
229	20.8	15.9	23.9

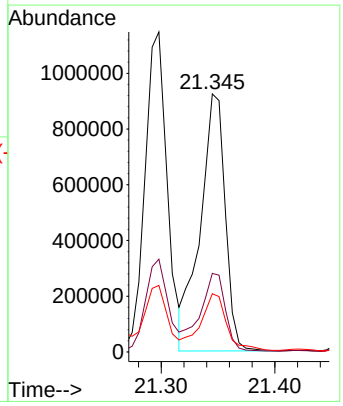


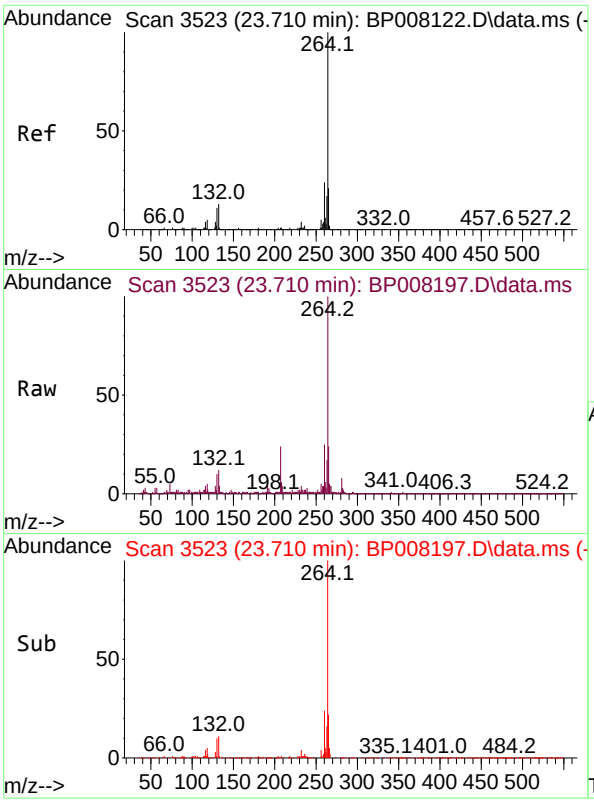


#83
Chrysene
Concen: 50.712 ng
RT: 21.345 min Scan# 3121
Delta R.T. -0.006 min
Lab File: BP008197.D
Acq: 02 Dec 2021 18:18

Tgt Ion:228 Resp: 1415357

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.0	36.0
229	22.6	15.8	23.8



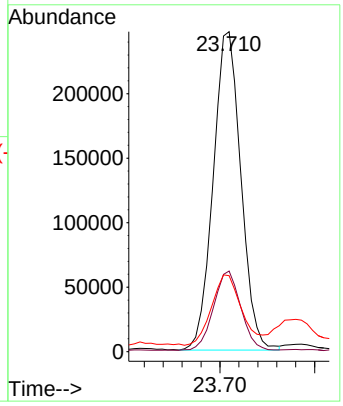


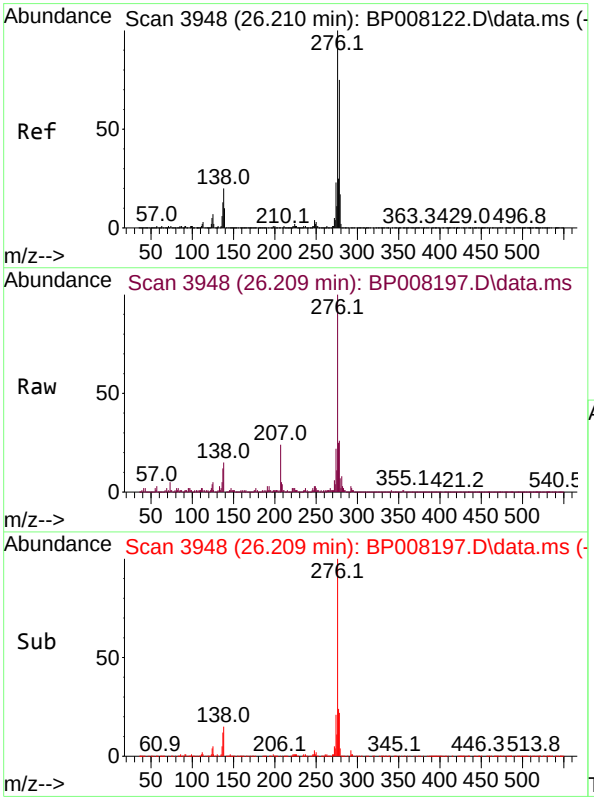
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.710 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP008197.D
Acq: 02 Dec 2021 18:18

Instrument :
BNA_P
ClientSampleId :
PL-5-120121

Tgt Ion:264 Resp: 501807

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.4	29.2
265	23.7	17.6	26.4

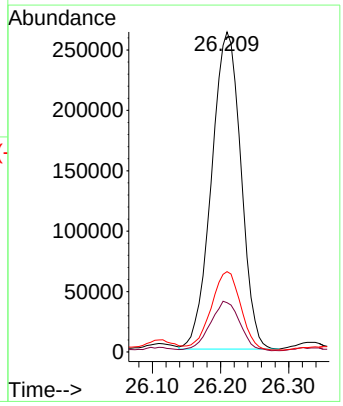


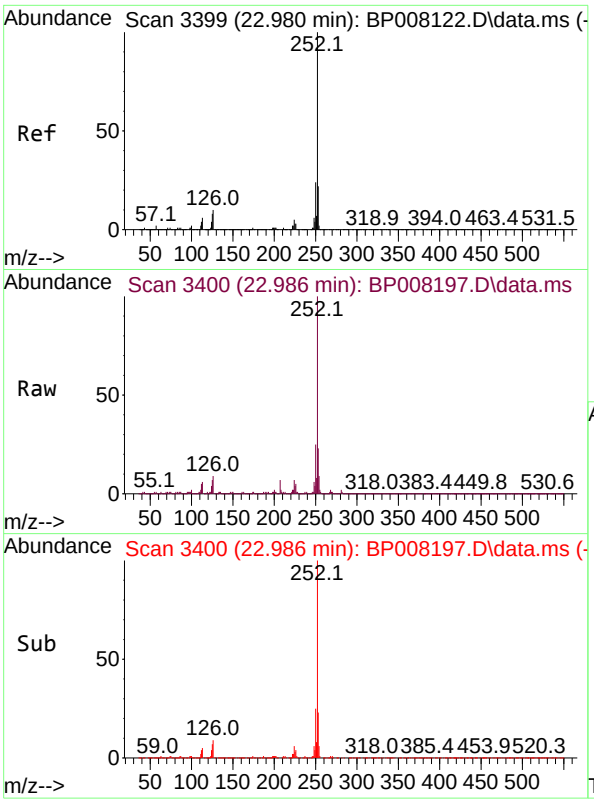


#87
Indeno(1,2,3-cd)pyrene
Concen: 21.600 ng
RT: 26.209 min Scan# 3948
Delta R.T. -0.000 min
Lab File: BP008197.D
Acq: 02 Dec 2021 18:18

Tgt Ion:276 Resp: 788560

Ion	Ratio	Lower	Upper
276	100		
138	15.7	16.6	25.0#
277	25.0	20.2	30.2



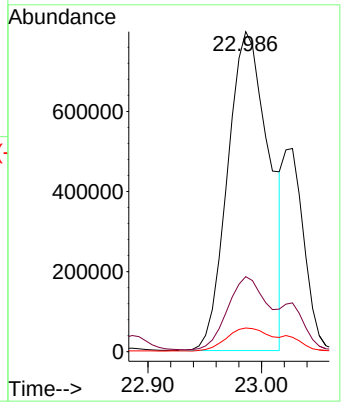


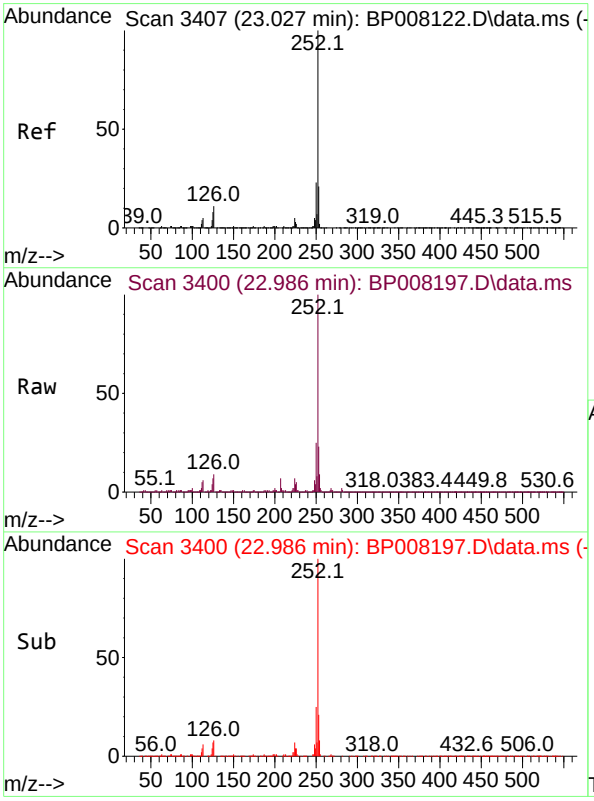
#88
Benzo(b)fluoranthene
Concen: 66.850 ng
RT: 22.986 min Scan# 34
Delta R.T. 0.006 min
Lab File: BP008197.D
Acq: 02 Dec 2021 18:18

Instrument :
BNA_P
ClientSampleId :
PL-5-120121

Tgt Ion:252 Resp: 2022296

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.7	26.5
125	7.4	6.2	9.4

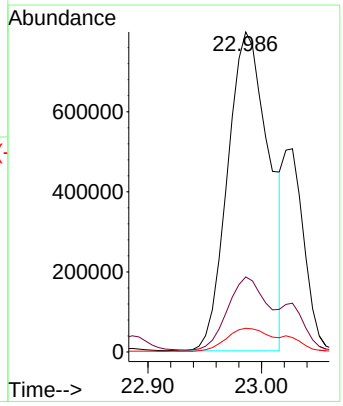


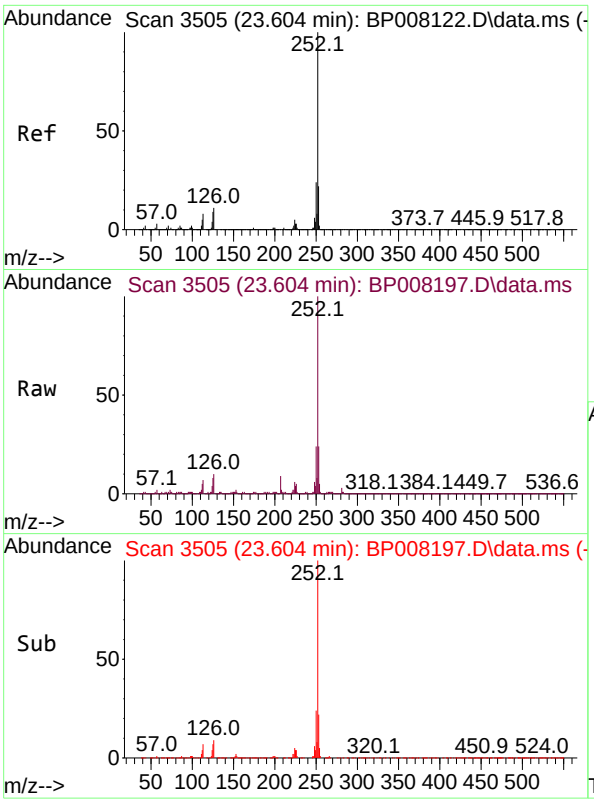


#89
Benzo(k)fluoranthene
Concen: 68.283 ng
RT: 22.986 min Scan# 3400
Delta R.T. -0.041 min
Lab File: BP008197.D
Acq: 02 Dec 2021 18:18

Tgt Ion:252 Resp: 2022296

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.3	25.9
125	7.4	6.5	9.7



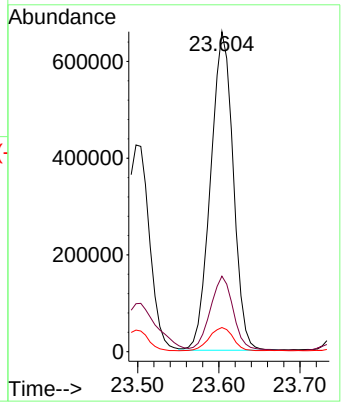


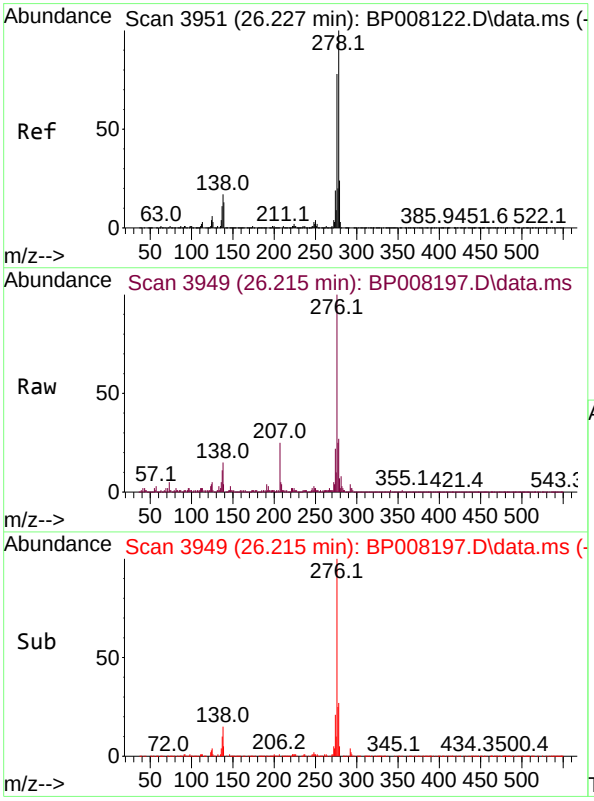
#90
Benzo(a)pyrene
Concen: 49.243 ng
RT: 23.604 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP008197.D
Acq: 02 Dec 2021 18:18

Instrument :
BNA_P
ClientSampleId :
PL-5-120121

Tgt Ion:252 Resp: 1273187

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.6	26.4
125	7.5	7.4	11.0

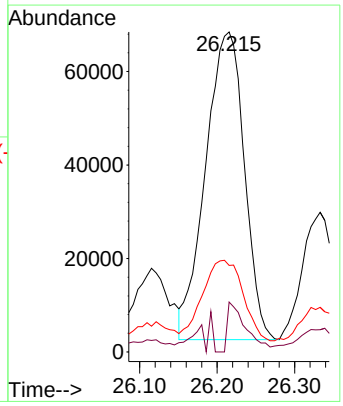


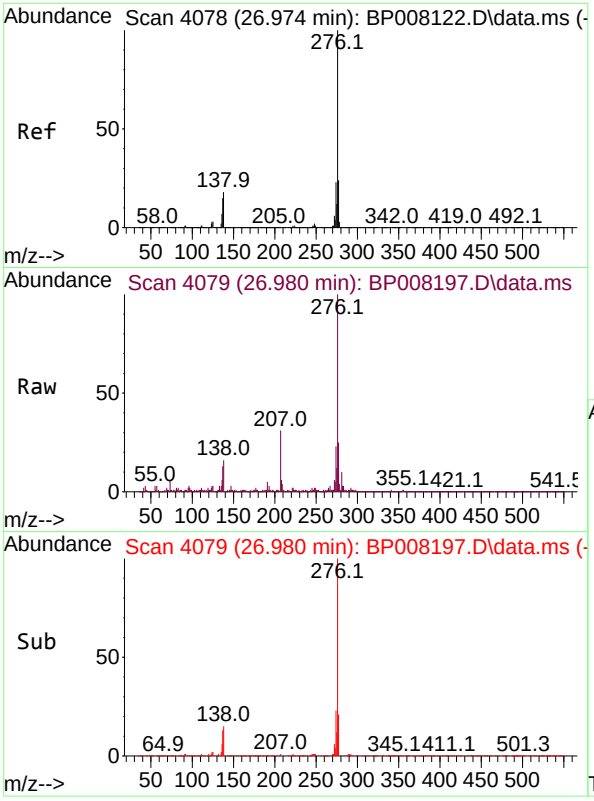


#91
Dibenzo(a,h)anthracene
Concen: 7.549 ng
RT: 26.215 min Scan# 3949
Delta R.T. -0.012 min
Lab File: BP008197.D
Acq: 02 Dec 2021 18:18

Tgt Ion:278 Resp: 228871

Ion	Ratio	Lower	Upper
278	100		
139	15.6	10.8	16.2
279	27.1	19.1	28.7





#92
Benzo(g,h,i)perylene
Concen: 22.649 ng
RT: 26.980 min Scan# 4
Delta R.T. 0.006 min
Lab File: BP008197.D
Acq: 02 Dec 2021 18:18

Instrument :
BNA_P
ClientSampleId :
PL-5-120121

Tgt Ion:276 Resp: 692760

Ion	Ratio	Lower	Upper
276	100		
277	24.7	20.0	30.0
138	16.1	14.1	21.1