Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112321\
Data File : BP008102.D
Acq On : 23 Nov 2021 18:28
Operator : CG/JU
Sample : M4814-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-1-112221

Quant Time: Nov 24 00:07:27 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 20 00:21:11 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.822	152	204390	20.000	ng		0.00
21) Naphthalene-d8	10.616	136	794992	20.000	ng		-0.01
39) Acenaphthene-d10	14.463	164	495499	20.000	ng		0.00
64) Phenanthrene-d10	17.221	188	919916	20.000	ng		0.00
76) Chrysene-d12	21.321	240	678035	20.000	ng		0.00
86) Perylene-d12	23.721	264	740009	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.410	112	284271	23.773	ng		0.00
7) Phenol-d6	6.998	99	379944	22.922	ng		-0.01
23) Nitrobenzene-d5	8.981	82	252194	14.391	ng		-0.01
42) 2,4,6-Tribromophenol	15.957	330	127604	20.349	ng		-0.01
45) 2-Fluorobiphenyl	13.086	172	532185	16.818	ng		0.00
79) Terphenyl-d14	19.792	244	568480	16.484	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.998	77	1169	Below Cal		#	32
49) Acenaphthylene	14.186	152	90782	2.084	ng		98
58) Fluorene	15.516	166	98987	Below Cal			99
61) 4-Chlorophenyl-phenyle...	15.504	204	209	Below Cal		#	1
71) Phenanthrene	17.263	178	1277016	25.764	ng		99
72) Anthracene	17.357	178	355350	7.241	ng		100
73) Carbazole	17.627	167	102780	2.063	ng		97
75) Fluoranthene	19.239	202	1493027	23.371	ng		99
78) Pyrene	19.592	202	1427923	31.013	ng		99
81) Benzo(a)anthracene	21.304	228	697901	15.348	ng		98
82) 3,3'-Dichlorobenzidine	21.262	252	657	Below Cal		#	66
83) Chrysene	21.357	228	652315	15.118	ng		97
87) Indeno(1,2,3-cd)pyrene	26.221	276	414055	8.063	ng		97
88) Benzo(b)fluoranthene	22.998	252	845807	18.281	ng	#	93
89) Benzo(k)fluoranthene	22.998	252	845807	18.373	ng	#	93
90) Benzo(a)pyrene	23.615	252	635181	16.381	ng		97
91) Dibenzo(a,h)anthracene	26.233	278	114598	2.681	ng	#	84
92) Benzo(g,h,i)perylene	26.997	276	414343	9.895	ng		98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112321\
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Operator : CG/JU
Sample : M4814-01 5X
Misc :
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ClientSampleId :
PL-1-112221

Quant Time: Nov 24 00:07:27 2021
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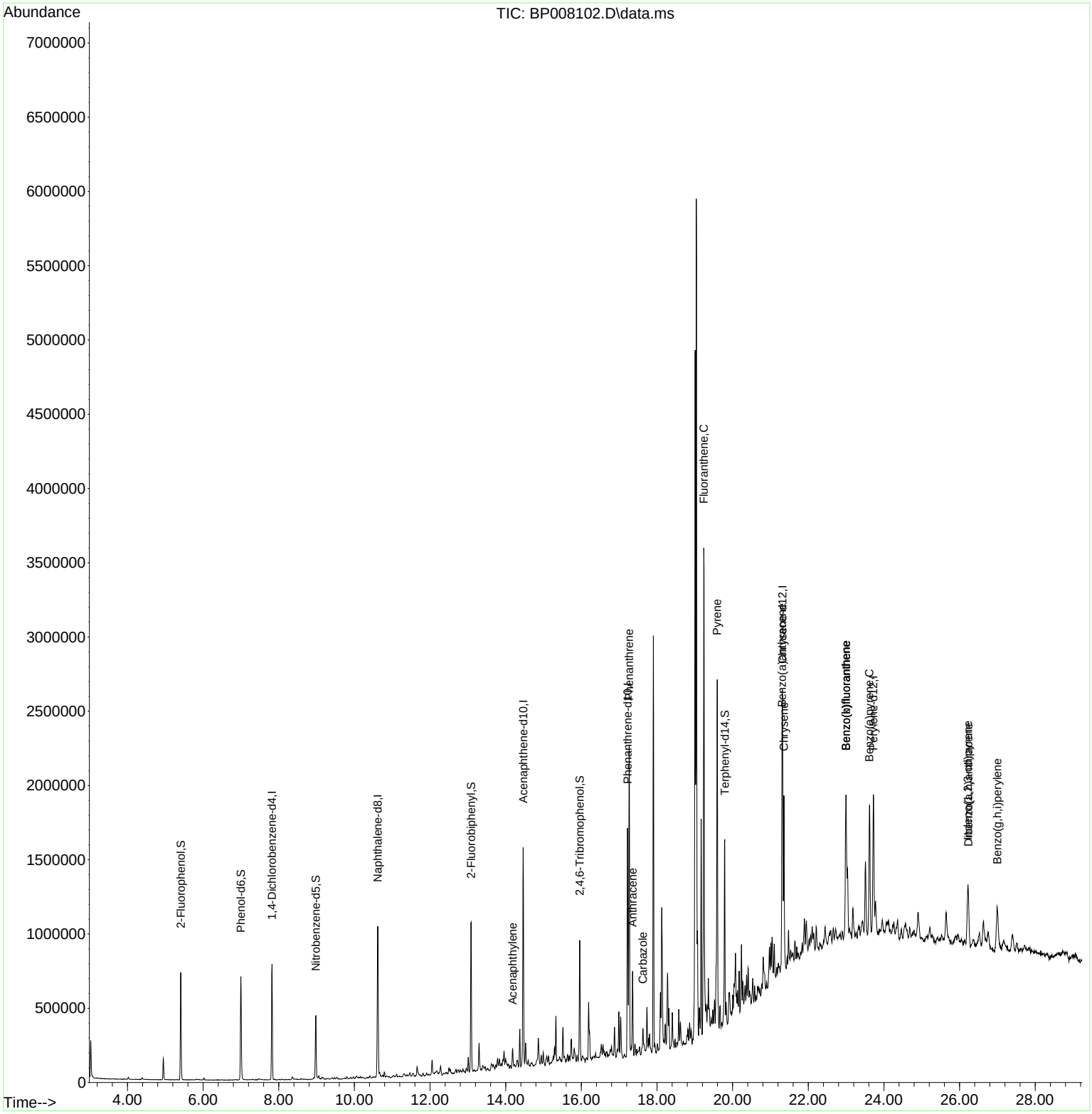
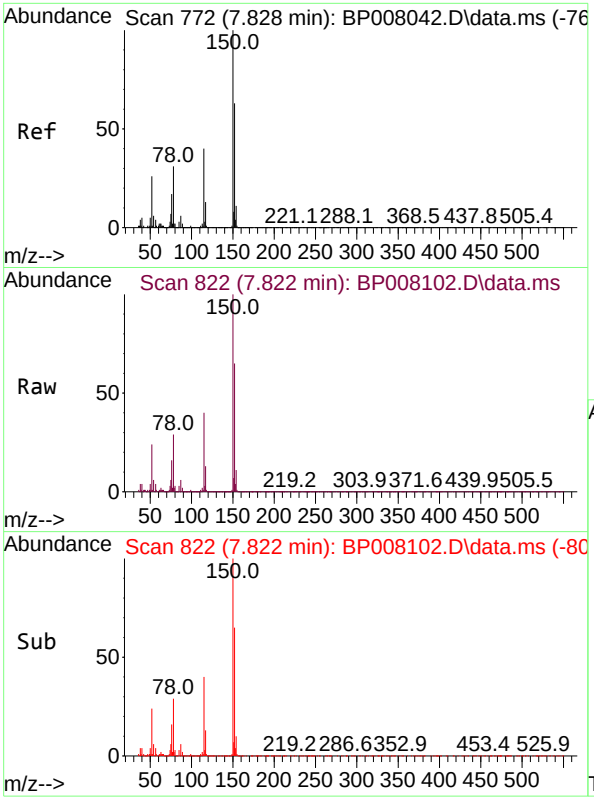
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 20 00:21:11 2021
Response via : Initial Calibration



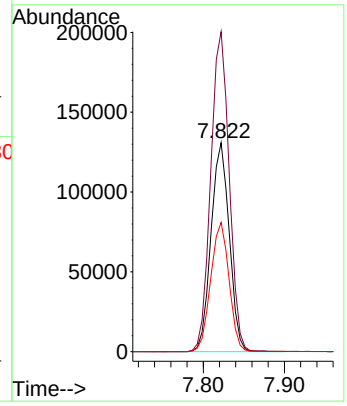


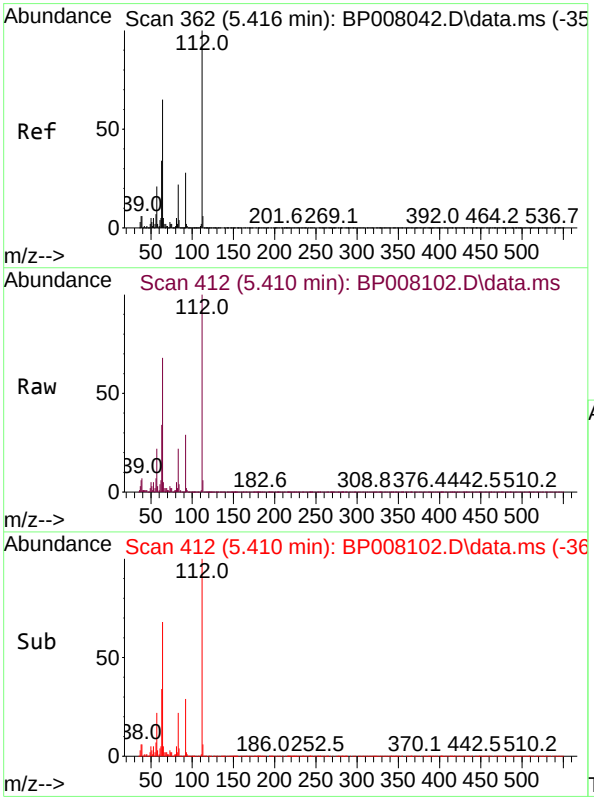
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.822 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP008102.D
Acq: 23 Nov 2021 18:28

Instrument :
BNA_P
ClientSampleId :
PL-1-112221

Tgt Ion:152 Resp: 204390

Ion	Ratio	Lower	Upper
152	100		
150	153.2	126.5	189.7
115	61.9	50.6	75.8

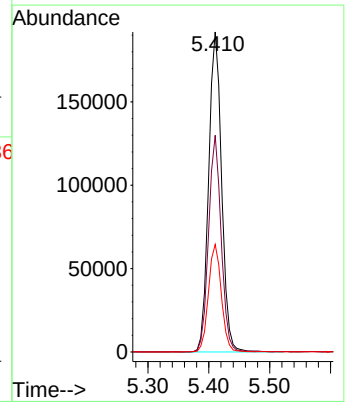


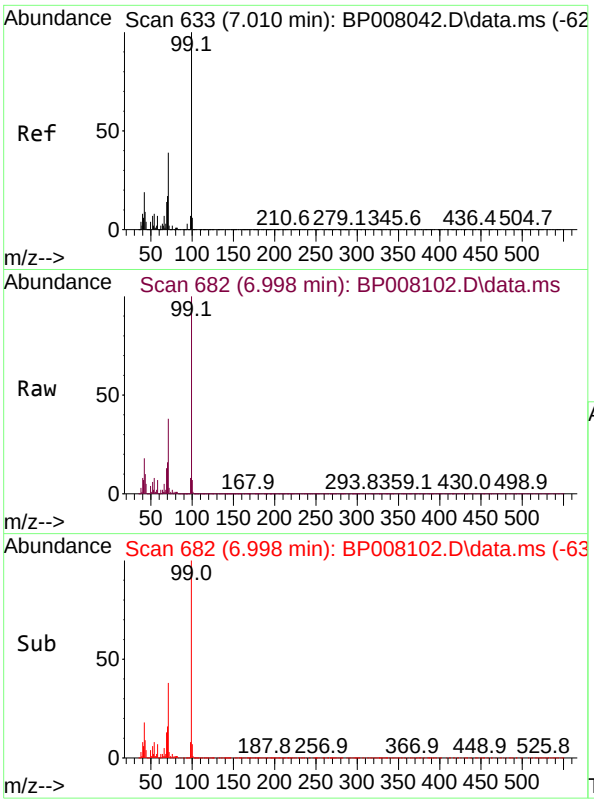


#5
2-Fluorophenol
Concen: 23.773 ng
RT: 5.410 min Scan# 412
Delta R.T. -0.006 min
Lab File: BP008102.D
Acq: 23 Nov 2021 18:28

Tgt Ion:112 Resp: 284271

Ion	Ratio	Lower	Upper
112	100		
64	67.7	51.7	77.5
63	33.6	27.4	41.0



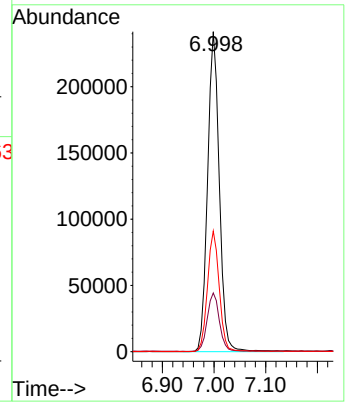


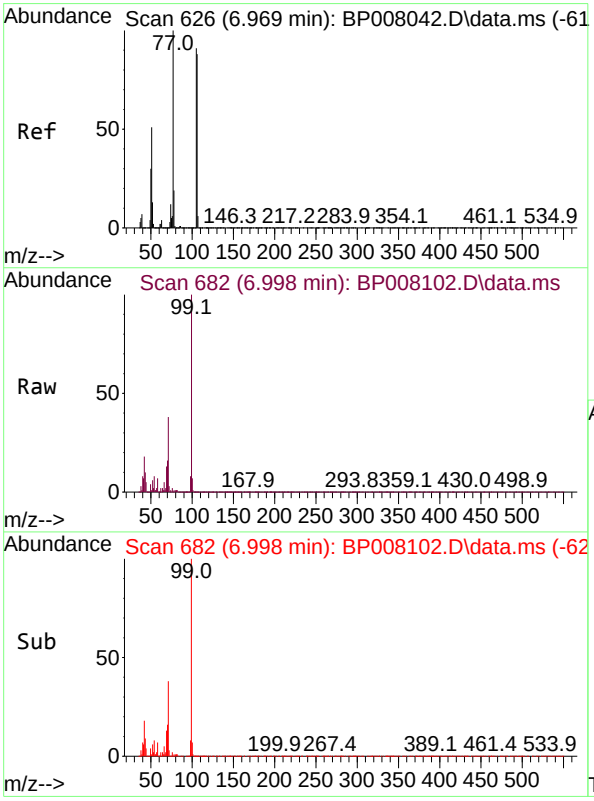
#7
Phenol-d6
Concen: 22.922 ng
RT: 6.998 min Scan# 6
Delta R.T. -0.012 min
Lab File: BP008102.D
Acq: 23 Nov 2021 18:28

Instrument :
BNA_P
ClientSampleId :
PL-1-112221

Tgt Ion: 99 Resp: 379944

Ion	Ratio	Lower	Upper
99	100		
42	18.4	15.4	23.2
71	37.7	31.0	46.6

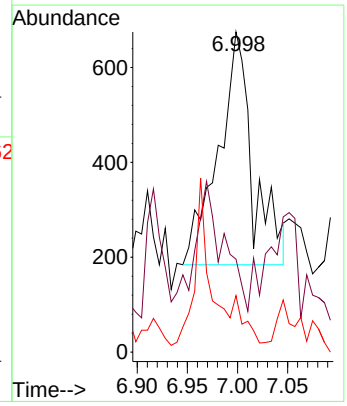


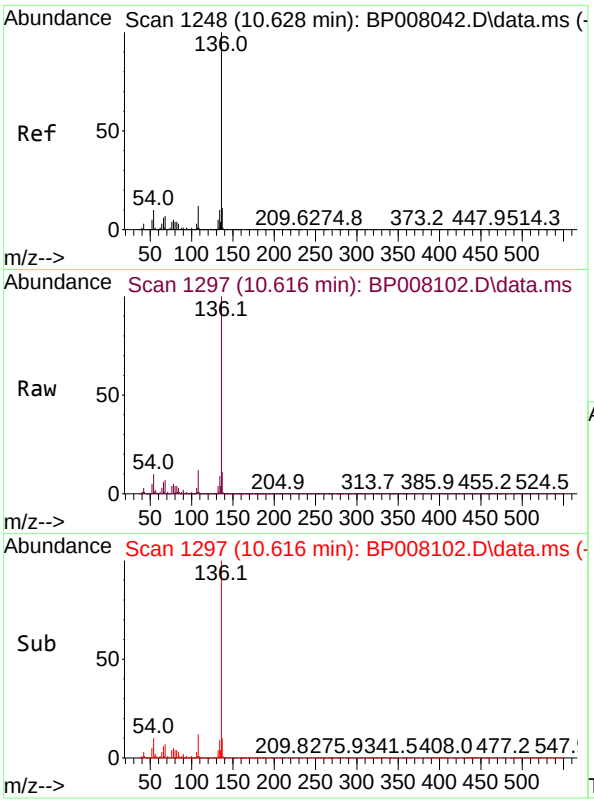


#9
Benzaldehyde
Concen: Below Cal
RT: 6.998 min Scan# 682
Delta R.T. 0.029 min
Lab File: BP008102.D
Acq: 23 Nov 2021 18:28

Tgt Ion: 77 Resp: 1169

Ion	Ratio	Lower	Upper
77	100		
105	29.0	71.5	111.5#
106	21.6	67.9	107.9#



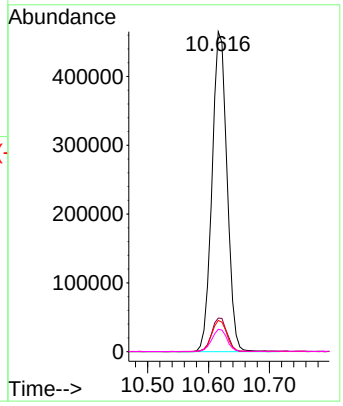


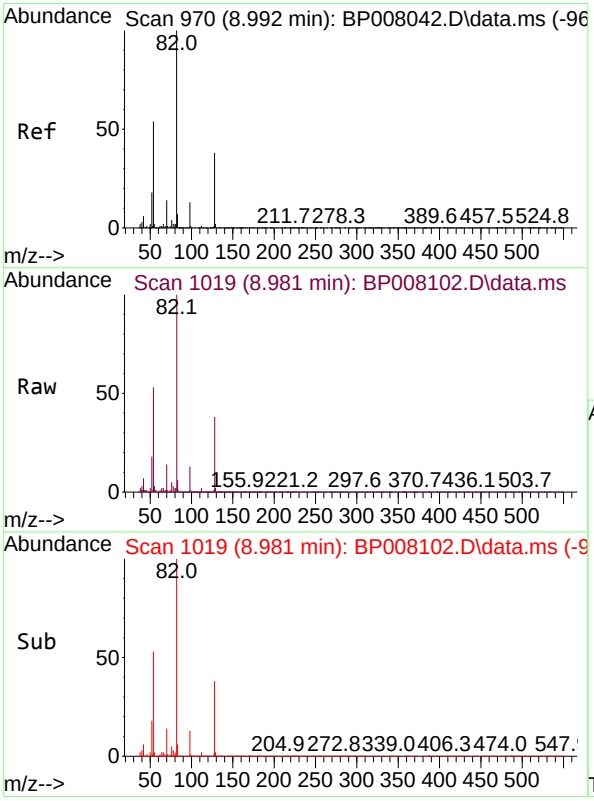
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.616 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP008102.D
Acq: 23 Nov 2021 18:28

Instrument :
BNA_P
ClientSampleId :
PL-1-112221

Tgt Ion:136 Resp: 794992

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	9.7	8.0	12.0
68	7.0	5.2	7.8

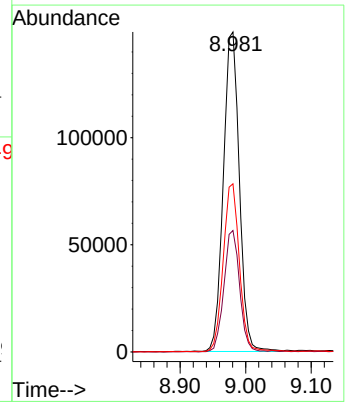


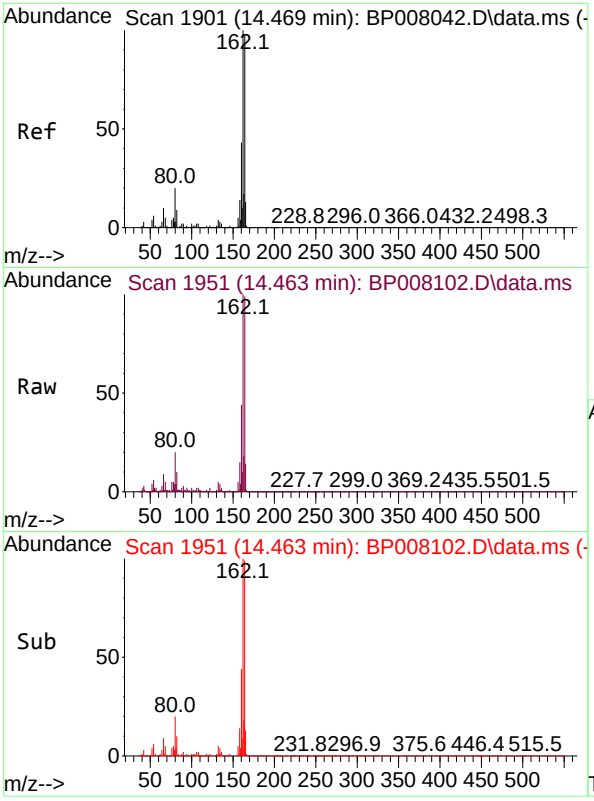


#23
Nitrobenzene-d5
Concen: 14.391 ng
RT: 8.981 min Scan# 1019
Delta R.T. -0.011 min
Lab File: BP008102.D
Acq: 23 Nov 2021 18:28

Tgt Ion: 82 Resp: 252194

Ion	Ratio	Lower	Upper
82	100		
128	37.9	30.2	45.2
54	52.6	43.1	64.7



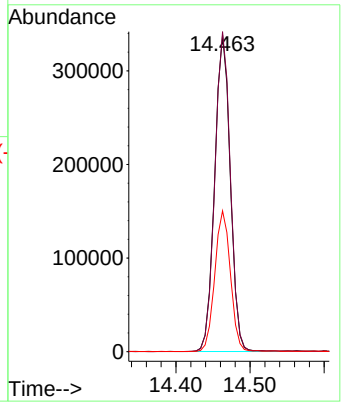


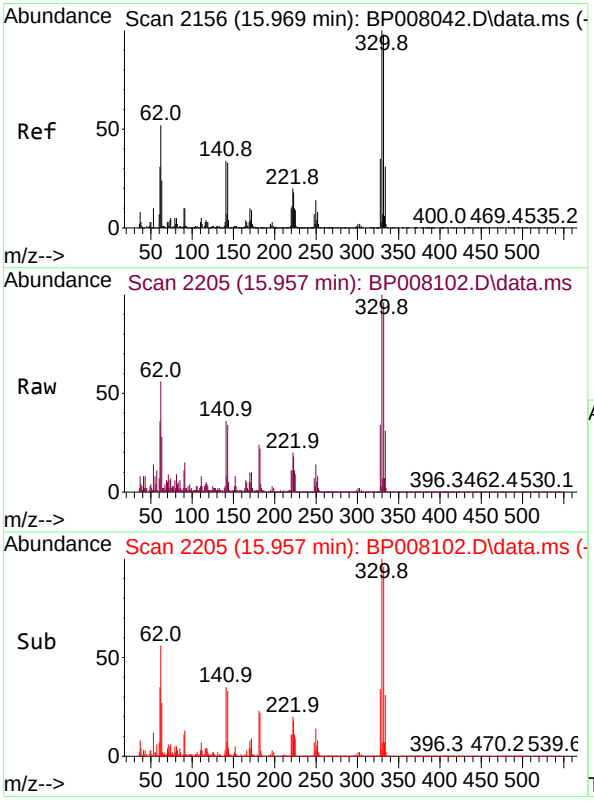
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP008102.D
Acq: 23 Nov 2021 18:28

Instrument :
BNA_P
ClientSampleId :
PL-1-112221

Tgt Ion:164 Resp: 495499

Ion	Ratio	Lower	Upper
164	100		
162	101.1	81.8	122.8
160	44.5	35.1	52.7

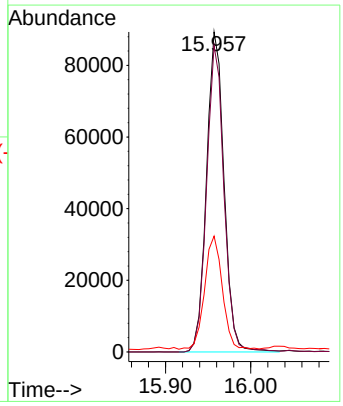


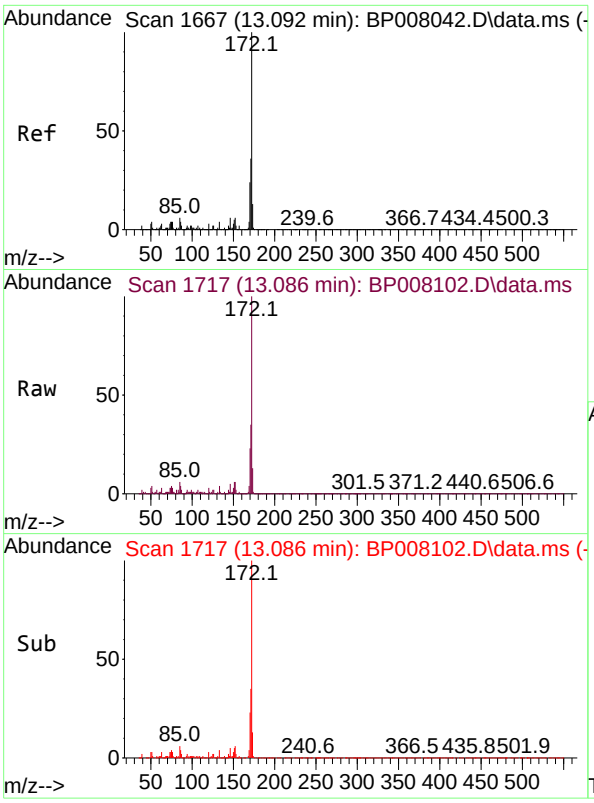


#42
2,4,6-Tribromophenol
Concen: 20.349 ng
RT: 15.957 min Scan# 2205
Delta R.T. -0.012 min
Lab File: BP008102.D
Acq: 23 Nov 2021 18:28

Tgt Ion:330 Resp: 127604

Ion	Ratio	Lower	Upper
330	100		
332	94.8	78.0	117.0
141	35.8	29.6	44.4



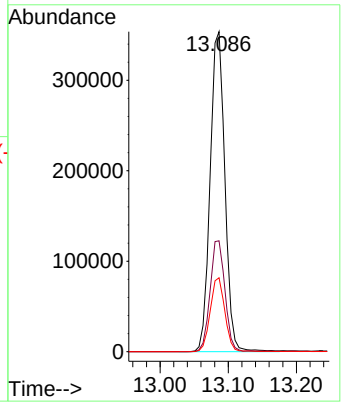


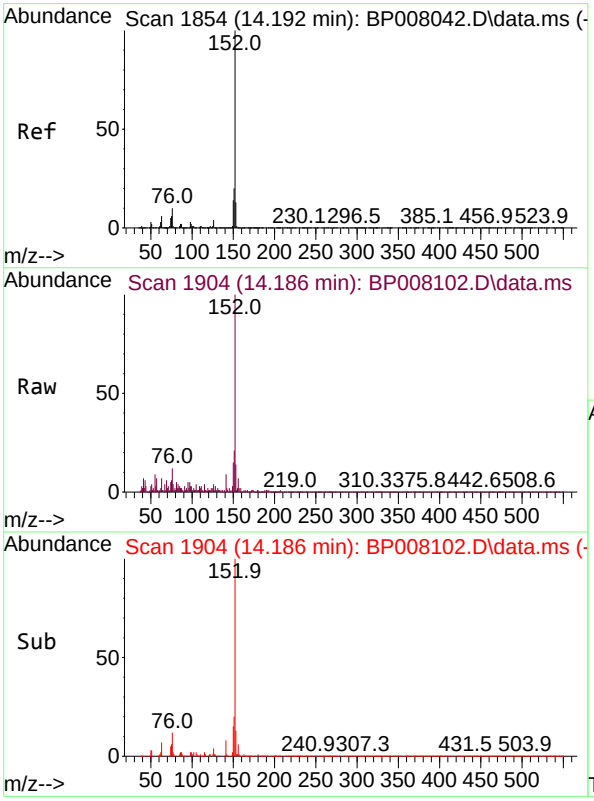
#45
2-Fluorobiphenyl
Concen: 16.818 ng
RT: 13.086 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP008102.D
Acq: 23 Nov 2021 18:28

Instrument :
BNA_P
ClientSampleId :
PL-1-112221

Tgt Ion:172 Resp: 532185

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.5	42.7
170	23.1	19.0	28.4

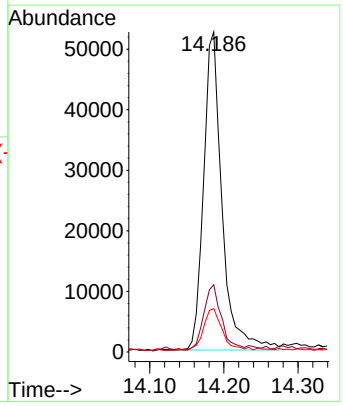


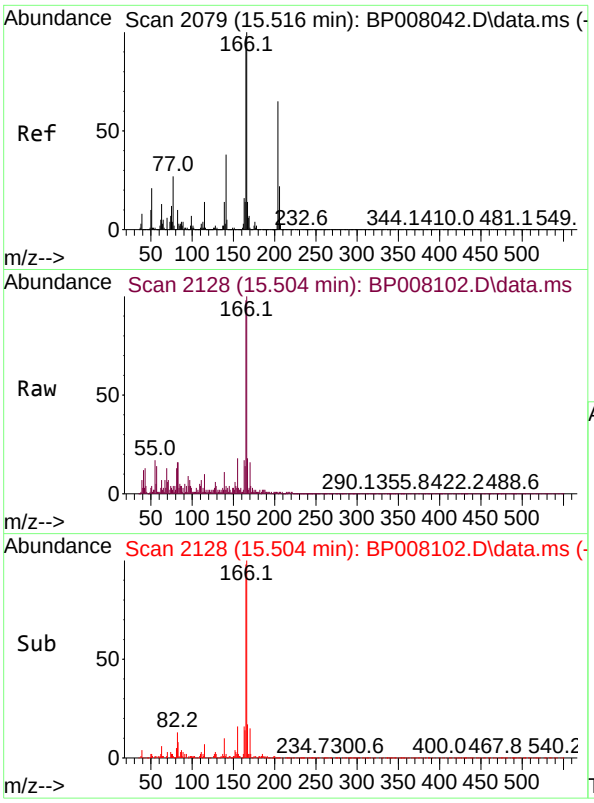


#49
Acenaphthylene
Concen: 2.084 ng
RT: 14.186 min Scan# 1904
Delta R.T. -0.006 min
Lab File: BP008102.D
Acq: 23 Nov 2021 18:28

Tgt Ion:152 Resp: 90782

Ion	Ratio	Lower	Upper
152	100		
151	21.0	15.8	23.8
153	13.5	10.5	15.7



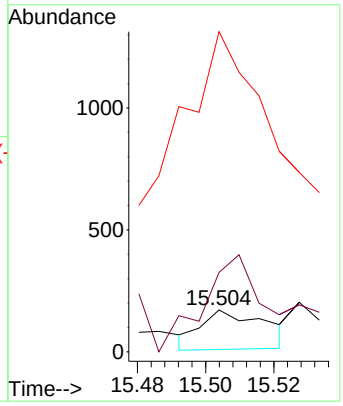


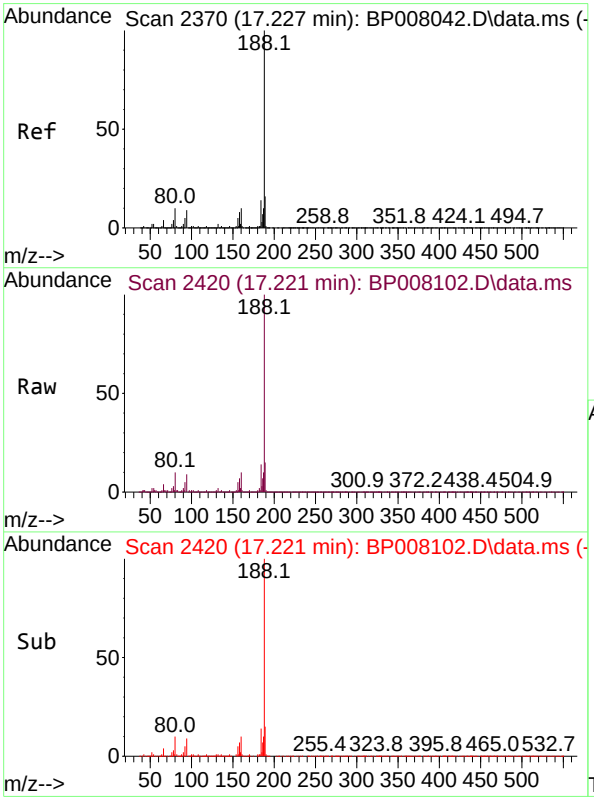
#61
4-Chlorophenyl-phenylether
Concen: Below Cal
RT: 15.504 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP008102.D
Acq: 23 Nov 2021 18:28

Instrument :
BNA_P
ClientSampleId :
PL-1-112221

Tgt Ion:204 Resp: 209

Ion	Ratio	Lower	Upper
204	100		
206	189.0	27.3	40.9#
141	763.4	46.7	70.1#

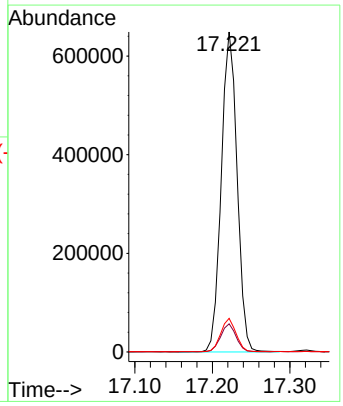


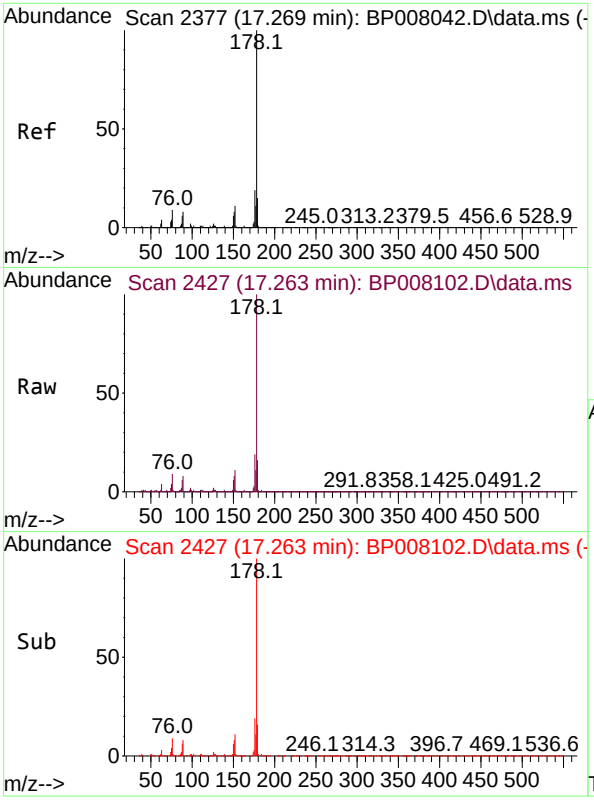


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.221 min Scan# 2420
Delta R.T. -0.006 min
Lab File: BP008102.D
Acq: 23 Nov 2021 18:28

Tgt Ion:188 Resp: 919916

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.1	10.7
80	10.5	8.1	12.1



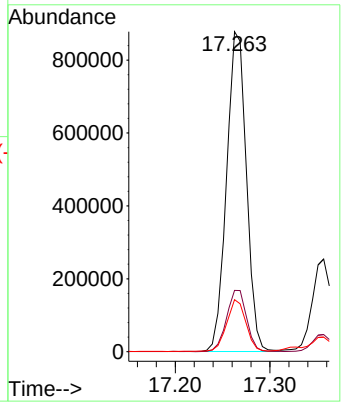


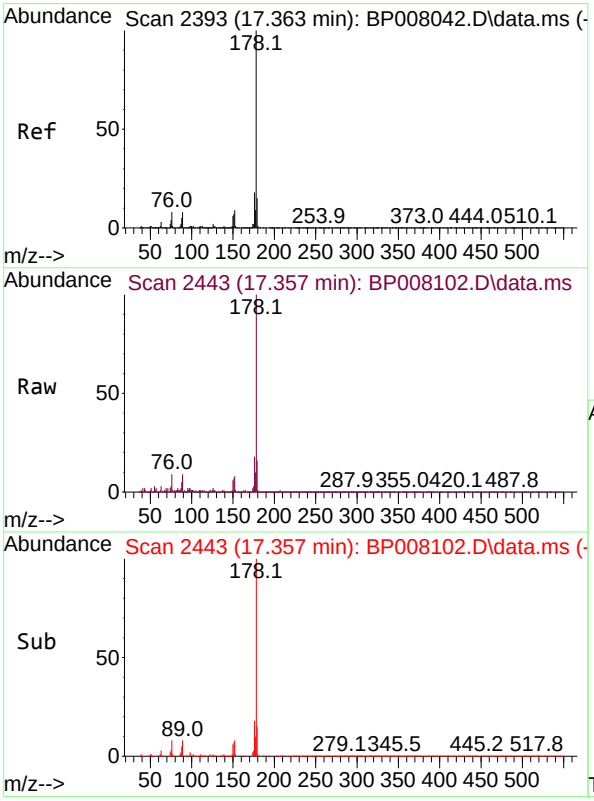
#71
Phenanthrene
Concen: 25.764 ng
RT: 17.263 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP008102.D
Acq: 23 Nov 2021 18:28

Instrument :
BNA_P
ClientSampleId :
PL-1-112221

Tgt Ion:178 Resp: 1277016

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.6	23.4
179	16.2	12.4	18.6

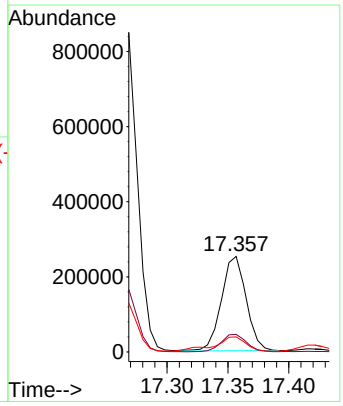


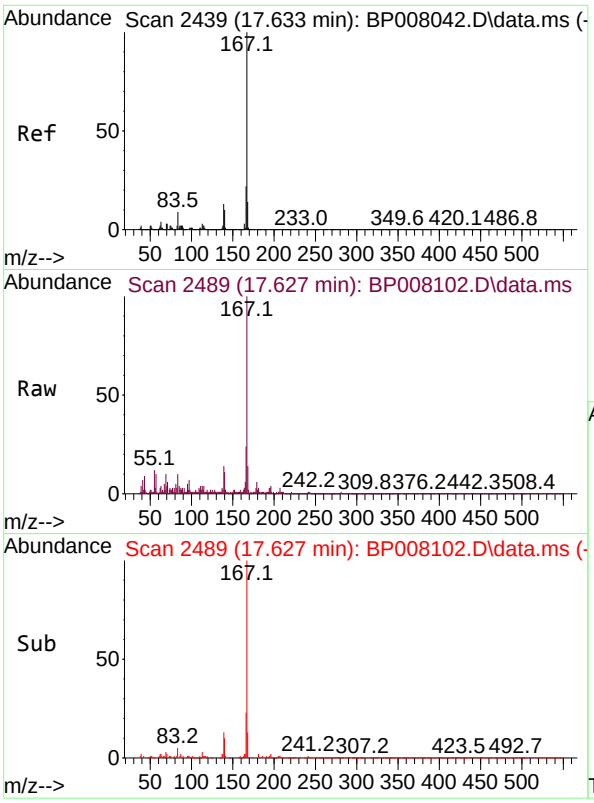


#72
Anthracene
Concen: 7.241 ng
RT: 17.357 min Scan# 2443
Delta R.T. -0.006 min
Lab File: BP008102.D
Acq: 23 Nov 2021 18:28

Tgt Ion:178 Resp: 355350

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.7	22.1
179	15.7	12.2	18.4



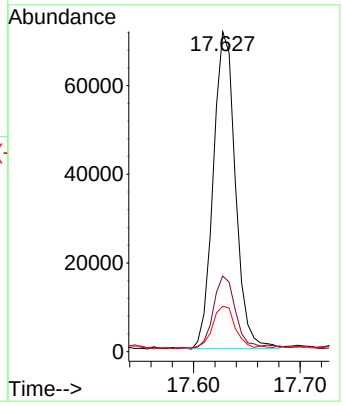


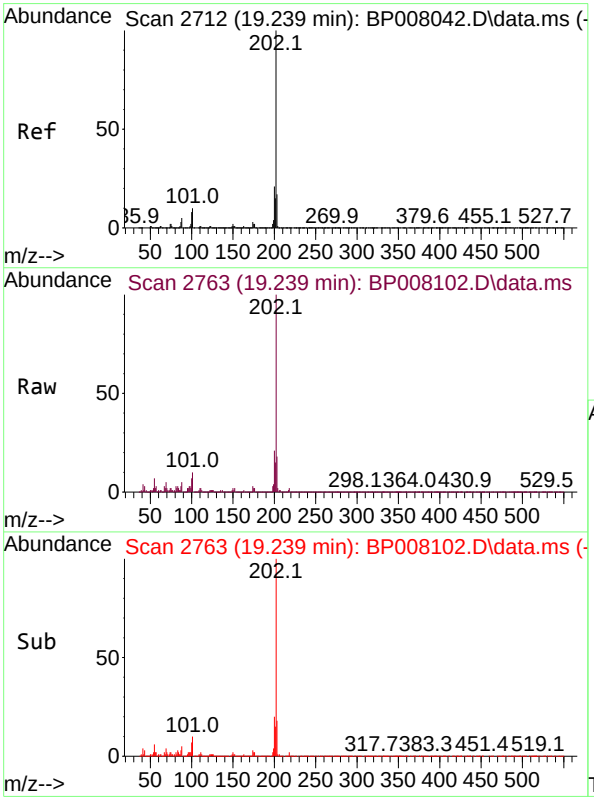
#73
Carbazole
Concen: 2.063 ng
RT: 17.627 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP008102.D
Acq: 23 Nov 2021 18:28

Instrument :
BNA_P
ClientSampleId :
PL-1-112221

Tgt Ion:167 Resp: 102780

Ion	Ratio	Lower	Upper
167	100		
166	23.6	17.5	26.3
139	14.2	10.4	15.6

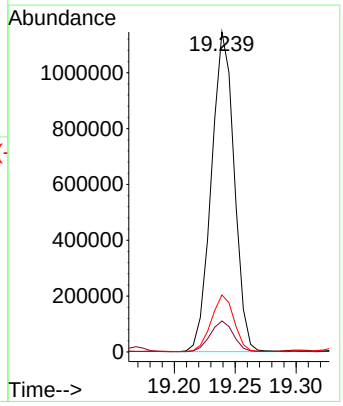


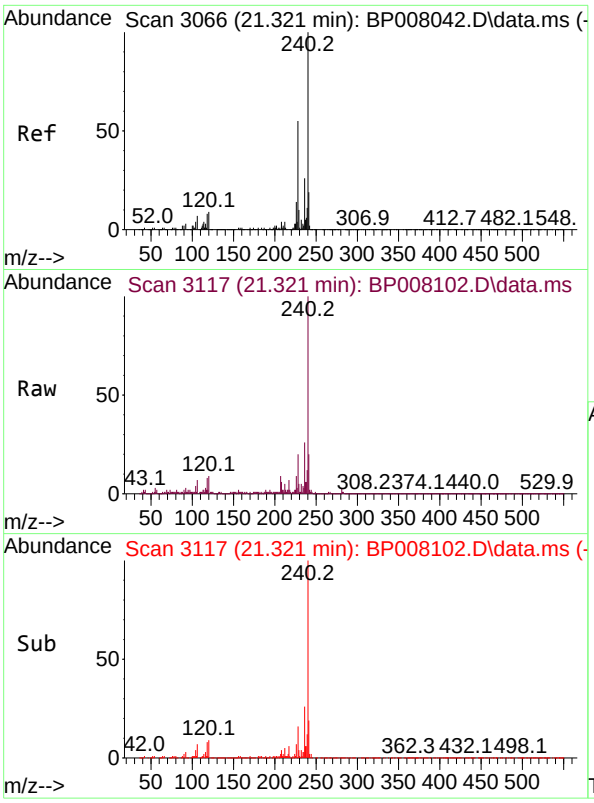


#75
Fluoranthene
Concen: 23.371 ng
RT: 19.239 min Scan# 2763
Delta R.T. 0.000 min
Lab File: BP008102.D
Acq: 23 Nov 2021 18:28

Tgt Ion:202 Resp: 1493027

Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	29.5
203	17.8	0.0	37.3



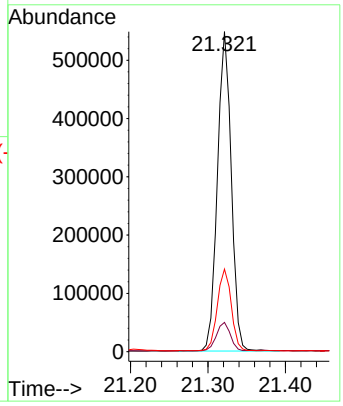


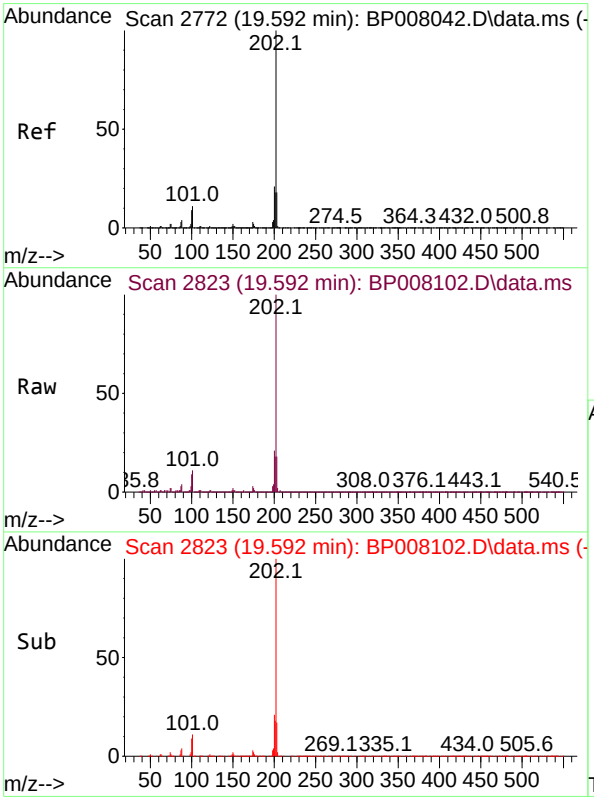
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.321 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP008102.D
Acq: 23 Nov 2021 18:28

Instrument :
BNA_P
ClientSampleId :
PL-1-112221

Tgt Ion:240 Resp: 678035

Ion	Ratio	Lower	Upper
240	100		
120	9.1	7.4	11.2
236	25.8	21.0	31.4

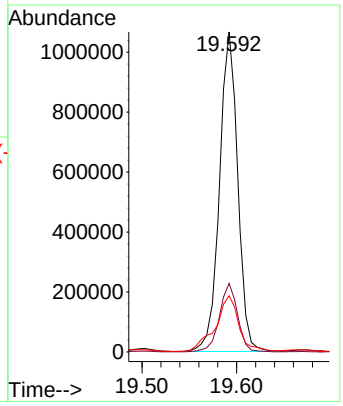


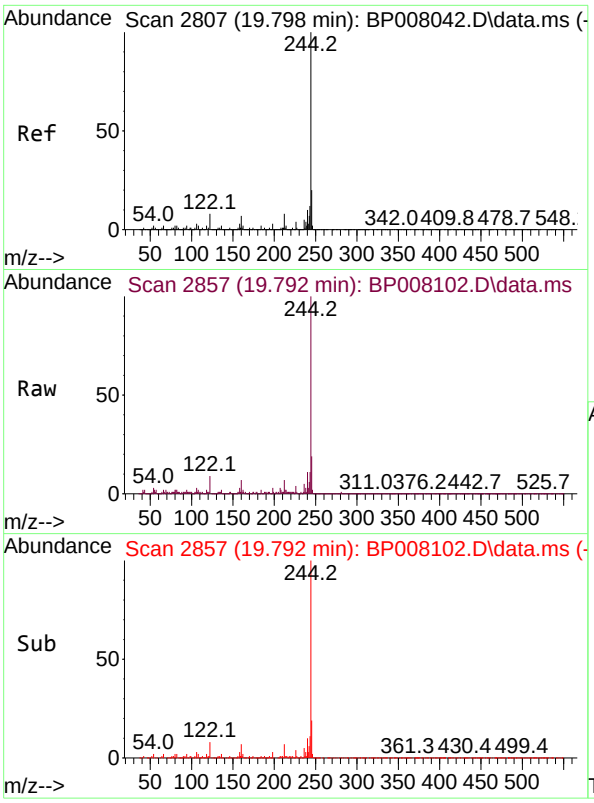


#78
Pyrene
Concen: 31.013 ng
RT: 19.592 min Scan# 2823
Delta R.T. 0.000 min
Lab File: BP008102.D
Acq: 23 Nov 2021 18:28

Tgt Ion:202 Resp: 1427923

Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.9	25.3
203	17.5	14.2	21.2



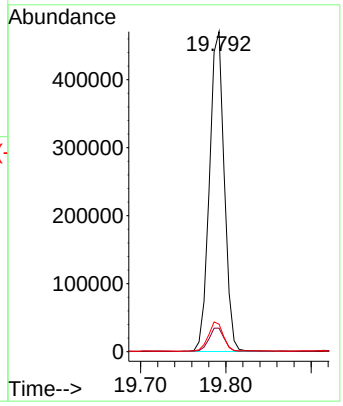


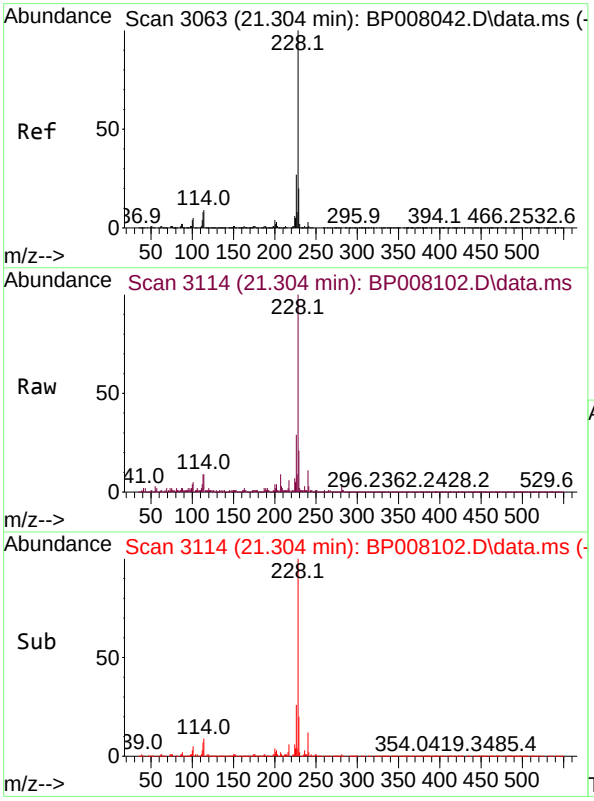
#79
Terphenyl-d14
Concen: 16.484 ng
RT: 19.792 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP008102.D
Acq: 23 Nov 2021 18:28

Instrument :
BNA_P
ClientSampleId :
PL-1-112221

Tgt Ion:244 Resp: 568480

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.3	9.5
122	8.6	6.1	9.1

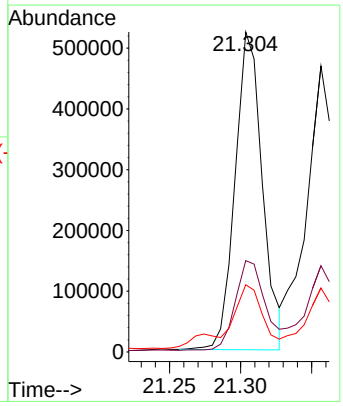


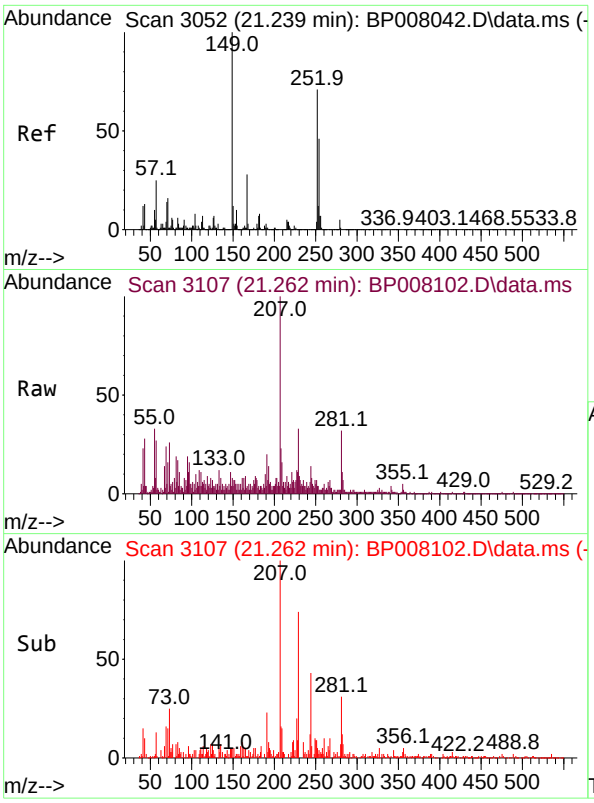


#81
Benzo(a)anthracene
Concen: 15.348 ng
RT: 21.304 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BP008102.D
Acq: 23 Nov 2021 18:28

Tgt Ion:228 Resp: 697901

Ion	Ratio	Lower	Upper
228	100		
226	28.6	21.8	32.6
229	21.0	16.1	24.1



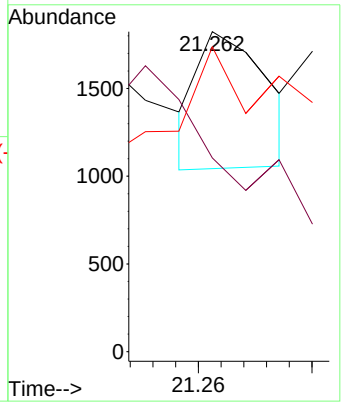


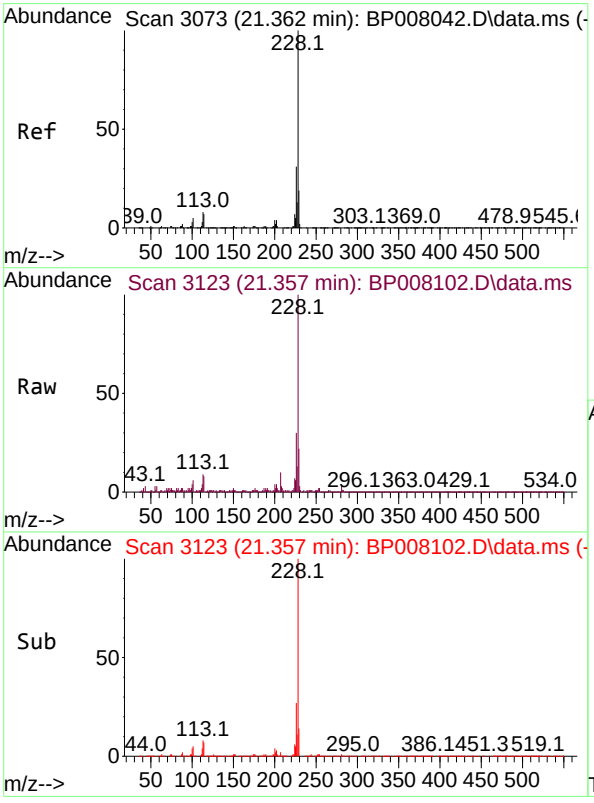
#82
3,3'-Dichlorobenzidine
Concen: Below Cal
RT: 21.262 min Scan# 3
Delta R.T. 0.023 min
Lab File: BP008102.D
Acq: 23 Nov 2021 18:28

Instrument :
BNA_P
ClientSampleId :
PL-1-112221

Tgt Ion:252 Resp: 657

Ion	Ratio	Lower	Upper
252	100		
254	60.5	51.8	77.8
126	95.2	7.2	10.8#

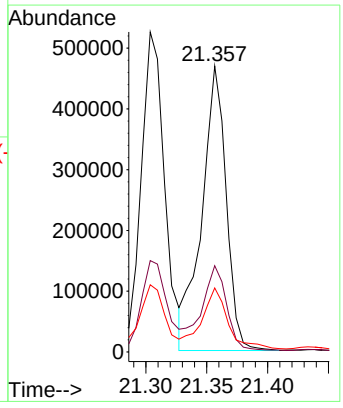


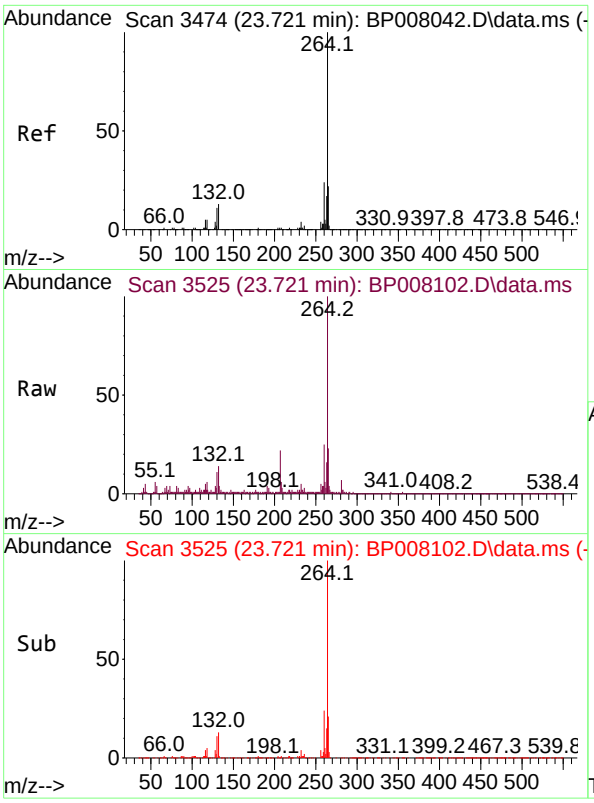


#83
Chrysene
Concen: 15.118 ng
RT: 21.357 min Scan# 3123
Delta R.T. -0.005 min
Lab File: BP008102.D
Acq: 23 Nov 2021 18:28

Tgt Ion:228 Resp: 652315

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.5	36.7
229	22.4	15.5	23.3



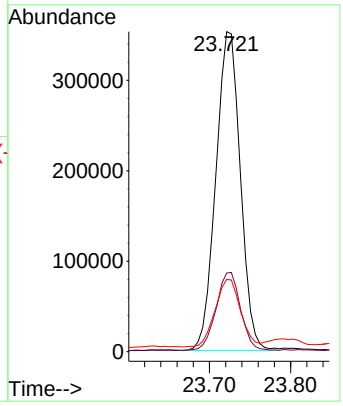


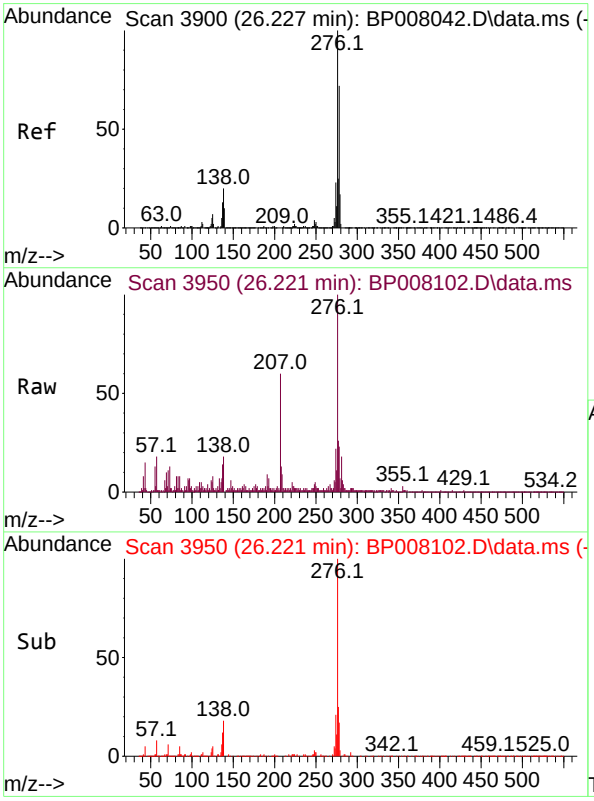
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.721 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP008102.D
Acq: 23 Nov 2021 18:28

Instrument :
BNA_P
ClientSampleId :
PL-1-112221

Tgt Ion:264 Resp: 740009

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.0	28.6
265	22.6	17.7	26.5

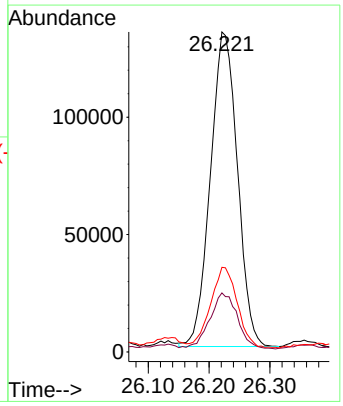


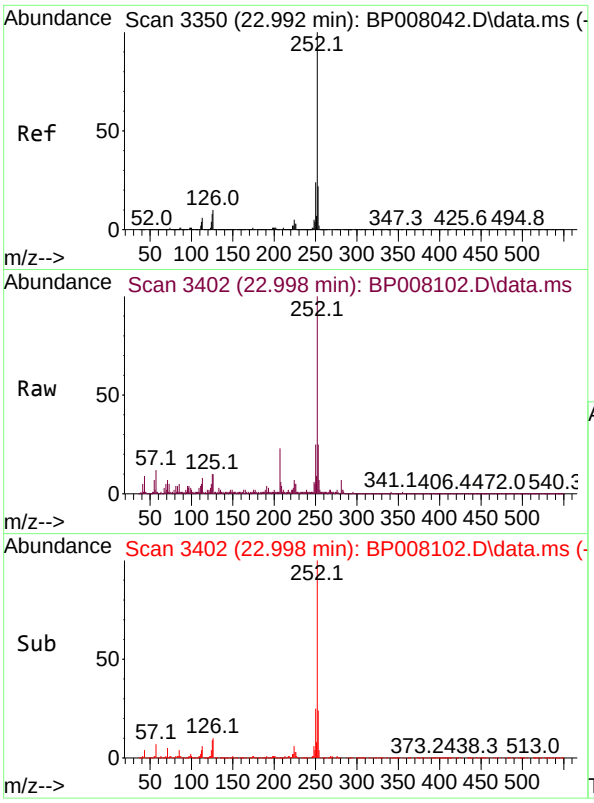


#87
Indeno(1,2,3-cd)pyrene
Concen: 8.063 ng
RT: 26.221 min Scan# 3950
Delta R.T. -0.006 min
Lab File: BP008102.D
Acq: 23 Nov 2021 18:28

Tgt Ion:276 Resp: 414055

Ion	Ratio	Lower	Upper
276	100		
138	18.2	16.5	24.7
277	25.6	20.2	30.4



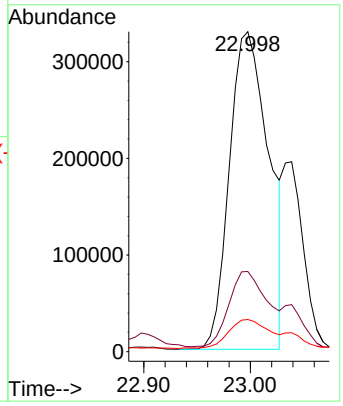


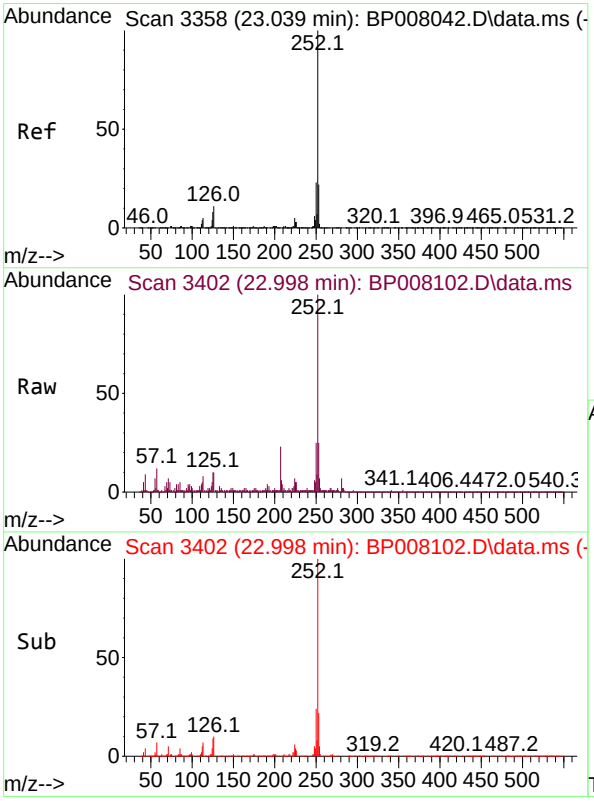
#88
Benzo(b)fluoranthene
Concen: 18.281 ng
RT: 22.998 min Scan# 34
Delta R.T. 0.006 min
Lab File: BP008102.D
Acq: 23 Nov 2021 18:28

Instrument :
BNA_P
ClientSampleId :
PL-1-112221

Tgt Ion:252 Resp: 845807

Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.4	26.2
125	10.1	6.1	9.1#

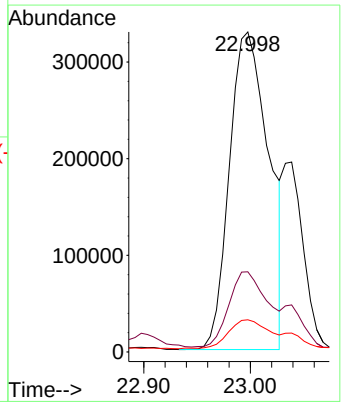


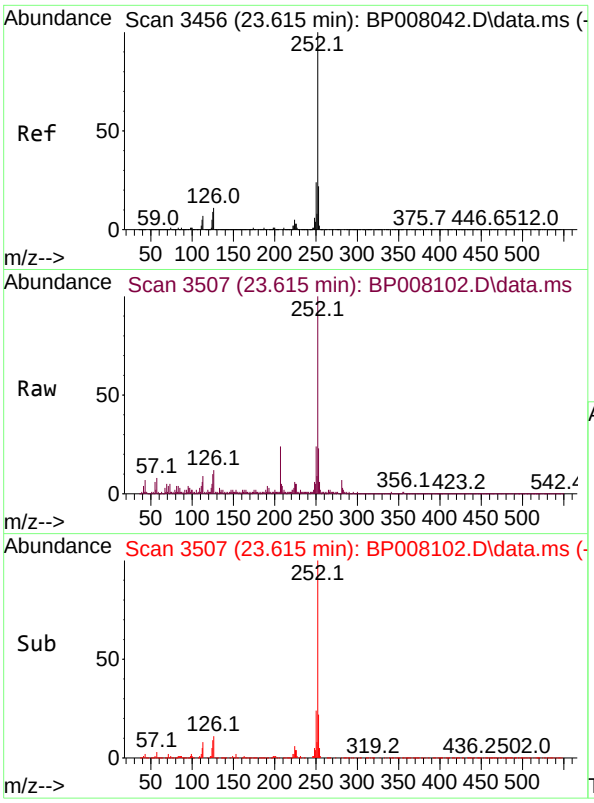


#89
Benzo(k)fluoranthene
Concen: 18.373 ng
RT: 22.998 min Scan# 3402
Delta R.T. -0.041 min
Lab File: BP008102.D
Acq: 23 Nov 2021 18:28

Tgt Ion:252 Resp: 845807

Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.4	26.0
125	10.1	6.2	9.4#



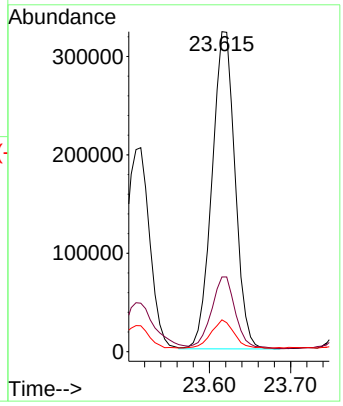


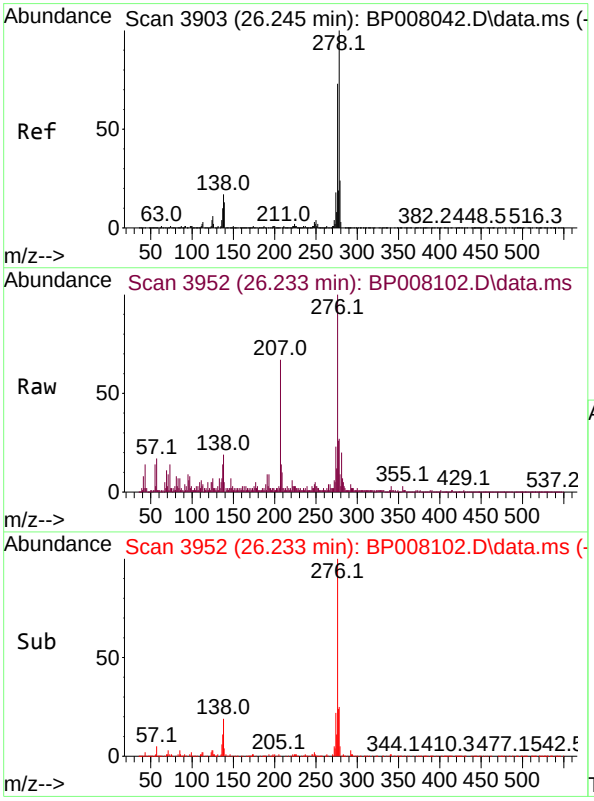
#90
Benzo(a)pyrene
Concen: 16.381 ng
RT: 23.615 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP008102.D
Acq: 23 Nov 2021 18:28

Instrument :
BNA_P
ClientSampleId :
PL-1-112221

Tgt Ion:252 Resp: 635181

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.4	26.2
125	10.0	7.4	11.2

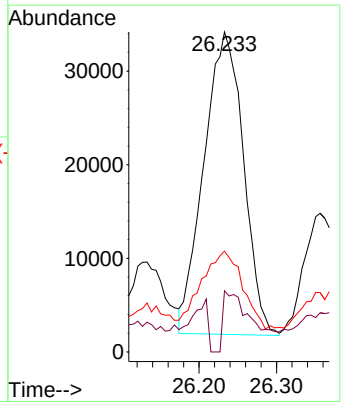


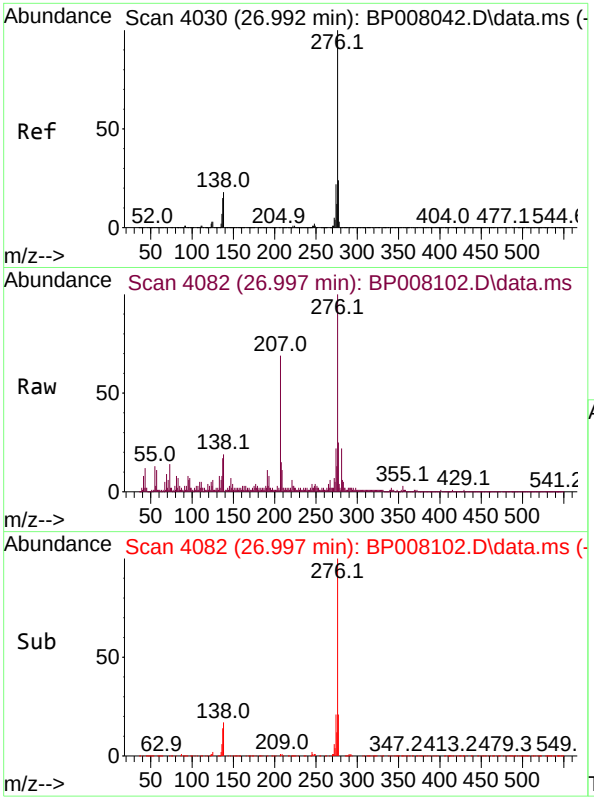


#91
Dibenzo(a,h)anthracene
Concen: 2.681 ng
RT: 26.233 min Scan# 3952
Delta R.T. -0.012 min
Lab File: BP008102.D
Acq: 23 Nov 2021 18:28

Tgt Ion:278 Resp: 114598

Ion	Ratio	Lower	Upper
278	100		
139	19.1	10.5	15.7#
279	31.5	18.8	28.2#





#92
Benzo(g,h,i)perylene
Concen: 9.895 ng
RT: 26.997 min Scan# 4(
Delta R.T. 0.005 min
Lab File: BP008102.D
Acq: 23 Nov 2021 18:28

Instrument :
BNA_P
ClientSampleId :
PL-1-112221

Tgt Ion:276 Resp: 414343

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.0	28.6
138	18.6	14.2	21.2