Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110921\
Data File : BP007910.D
Acq On : 10 Nov 2021 02:34
Operator : CG/JU
Sample : M4569-02DL 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-02-110521DL

Quant Time: Nov 10 11:08:27 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 09 10:45:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	168455	20.000	ng	0.00
21) Naphthalene-d8	10.657	136	578363	20.000	ng	0.00
39) Acenaphthene-d10	14.492	164	372893	20.000	ng	-0.01
64) Phenanthrene-d10	17.251	188	806133	20.000	ng	# 0.00
76) Chrysene-d12	21.339	240	880595	20.000	ng	#-0.01
86) Perylene-d12	23.751	264	1010907	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	422394	42.525	ng	0.00
7) Phenol-d6	7.034	99	505956	35.193	ng	0.00
23) Nitrobenzene-d5	9.016	82	290949	27.023	ng	-0.01
42) 2,4,6-Tribromophenol	15.986	330	221799	41.678	ng	-0.01
45) 2-Fluorobiphenyl	13.116	172	652814	25.495	ng	-0.01
79) Terphenyl-d14	19.810	244	1044736	24.158	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	55	Below Cal	#	1
52) Acenaphthene	14.557	154	69767	3.516	ng	96
58) Fluorene	15.545	166	78837	3.096	ng	97
71) Phenanthrene	17.292	178	1751049	41.320	ng	100
72) Anthracene	17.381	178	374565	8.981	ng	98
73) Carbazole	17.651	167	129105	3.114	ng	98
75) Fluoranthene	19.263	202	2555693	47.807	ng	97
78) Pyrene	19.616	202	2417465	44.759	ng	99
81) Benzo(a)anthracene	21.321	228	1392588	24.004	ng	99
83) Chrysene	21.380	228	1370505	24.954	ng	97
87) Indeno(1,2,3-cd)pyrene	26.268	276	912016	12.103	ng	# 92
88) Benzo(b)fluoranthene	23.021	252	1730387	29.038	ng	98
89) Benzo(k)fluoranthene	23.021	252	1730387	29.258	ng	98
90) Benzo(a)pyrene	23.539	252	848139	16.437	ng	99
91) Dibenzo(a,h)anthracene	26.562	278	177141	2.836	ng	94
92) Benzo(g,h,i)perylene	27.039	276	877280	14.159	ng	# 96

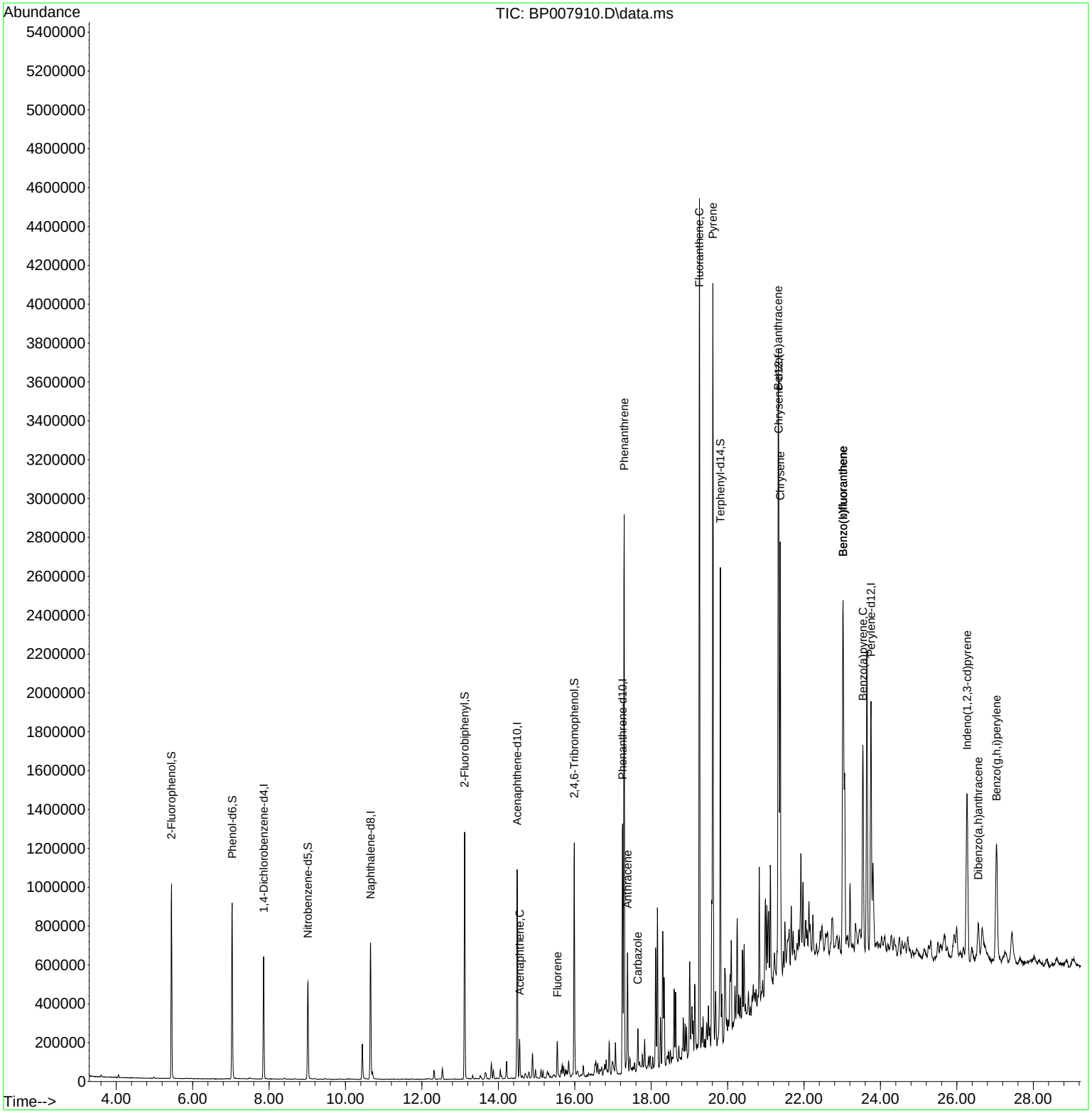
(#) = qualifier out of range (m) = manual integration (+) = signals summed

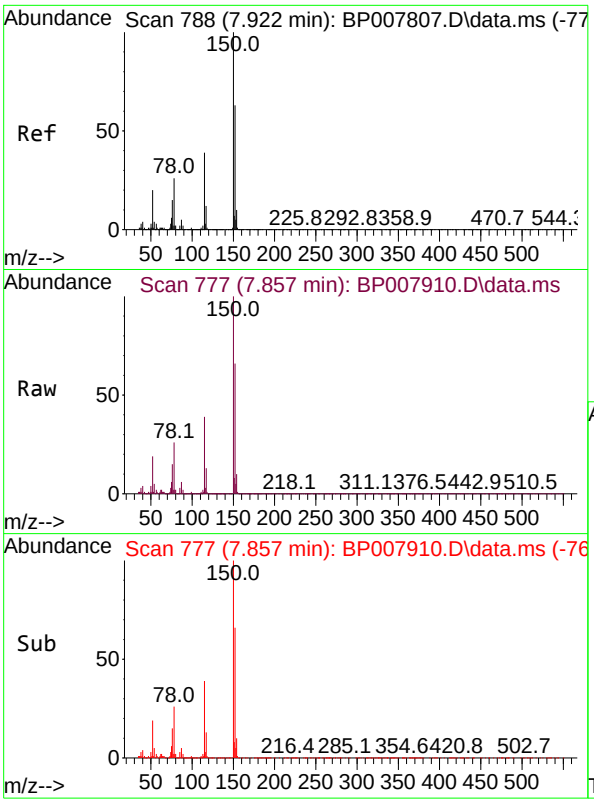
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110921\
Data File : BP007910.D
Acq On : 10 Nov 2021 02:34
Operator : CG/JU
Sample : M4569-02DL 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-02-110521DL

Quant Time: Nov 10 11:08:27 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 09 10:45:24 2021
Response via : Initial Calibration



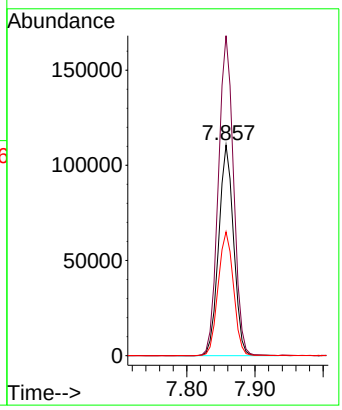


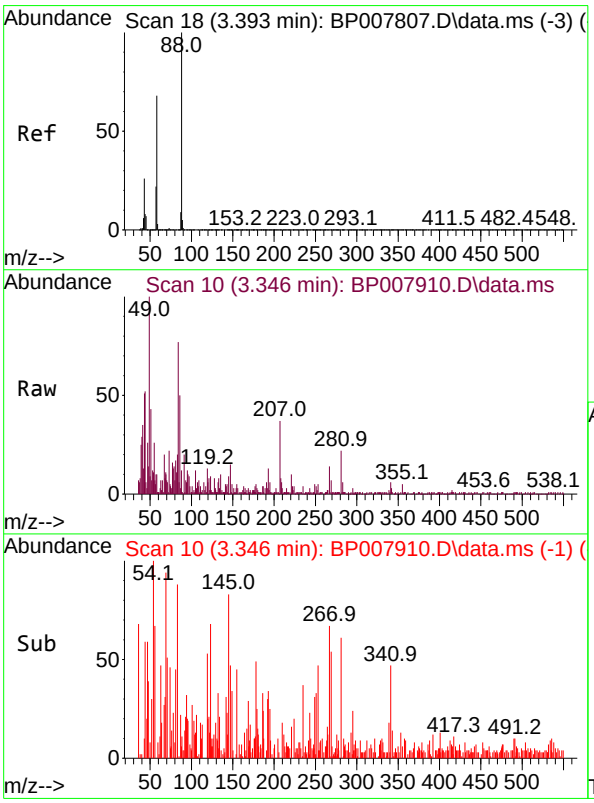
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.857 min Scan# 7
Delta R.T. -0.007 min
Lab File: BP007910.D
Acq: 10 Nov 2021 02:34

Instrument :
BNA_F
ClientSampleId :
CL-02-110521DL

Tgt Ion:152 Resp: 168455

Ion	Ratio	Lower	Upper
152	100		
150	152.0	124.1	186.1
115	58.9	48.1	72.1

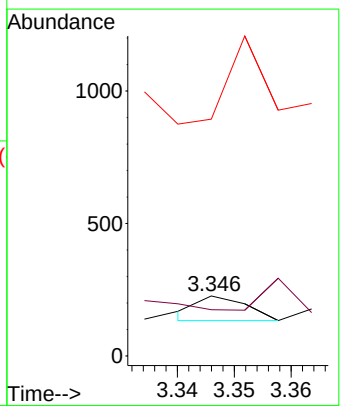


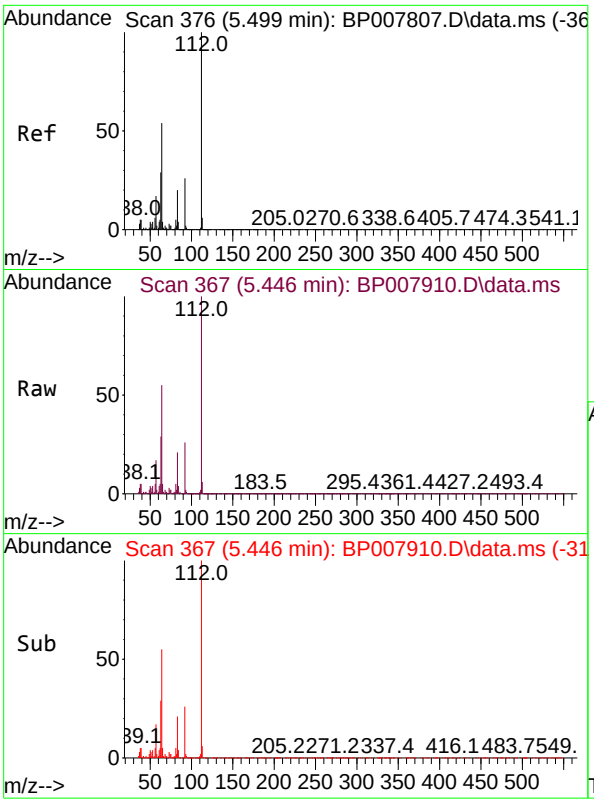


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.346 min Scan# 10
Delta R.T. -0.006 min
Lab File: BP007910.D
Acq: 10 Nov 2021 02:34

Tgt Ion: 88 Resp: 55

Ion	Ratio	Lower	Upper
88	100		
58	147.3	58.1	87.1#
43	1934.5	22.2	33.4#



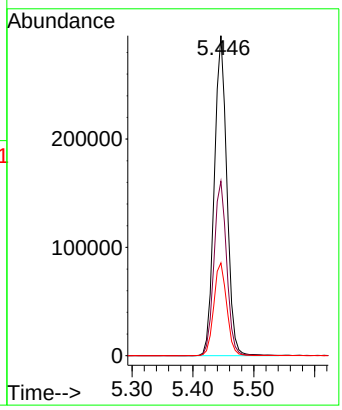


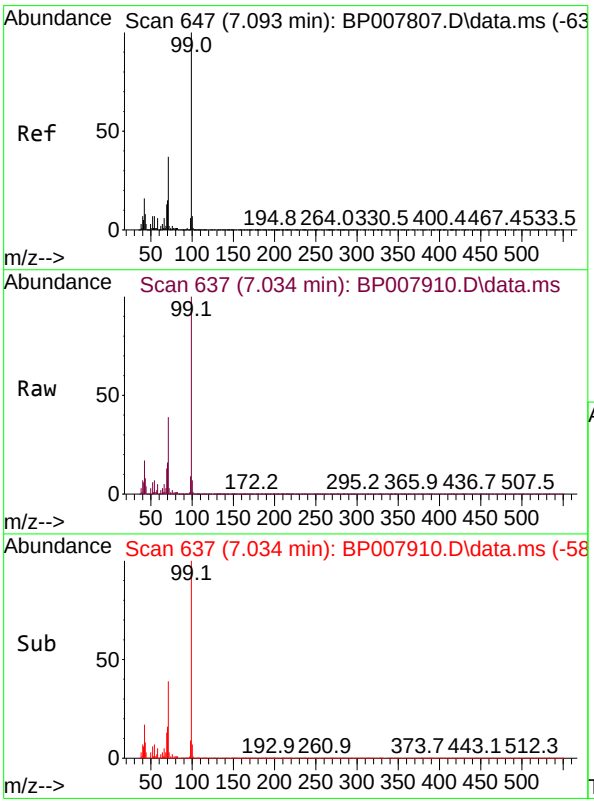
#5
2-Fluorophenol
Concen: 42.525 ng
RT: 5.446 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP007910.D
Acq: 10 Nov 2021 02:34

Instrument :
BNA_F
ClientSampleId :
CL-02-110521DL

Tgt Ion:112 Resp: 422394

Ion	Ratio	Lower	Upper
112	100		
64	54.5	46.6	70.0
63	29.0	25.0	37.6

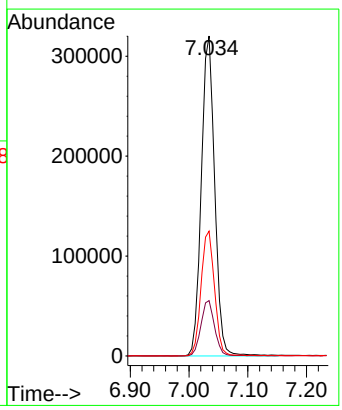


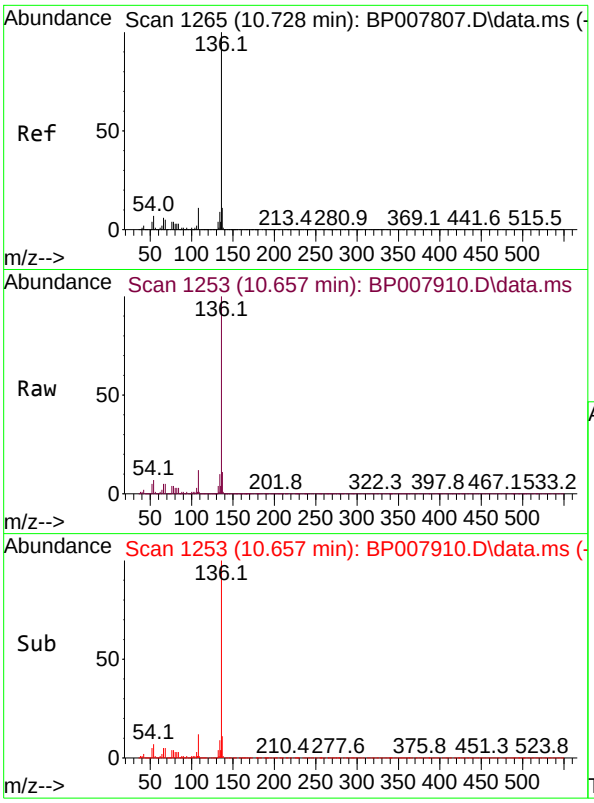


#7
Phenol-d6
Concen: 35.193 ng
RT: 7.034 min Scan# 637
Delta R.T. -0.006 min
Lab File: BP007910.D
Acq: 10 Nov 2021 02:34

Tgt Ion: 99 Resp: 505956

Ion	Ratio	Lower	Upper
99	100		
42	17.3	14.9	22.3
71	39.0	29.2	43.8



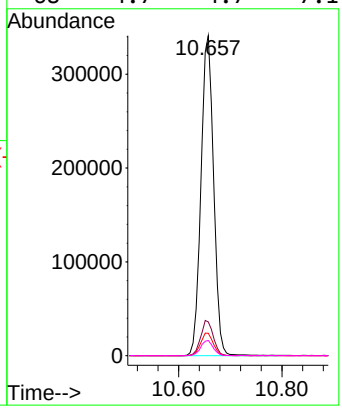


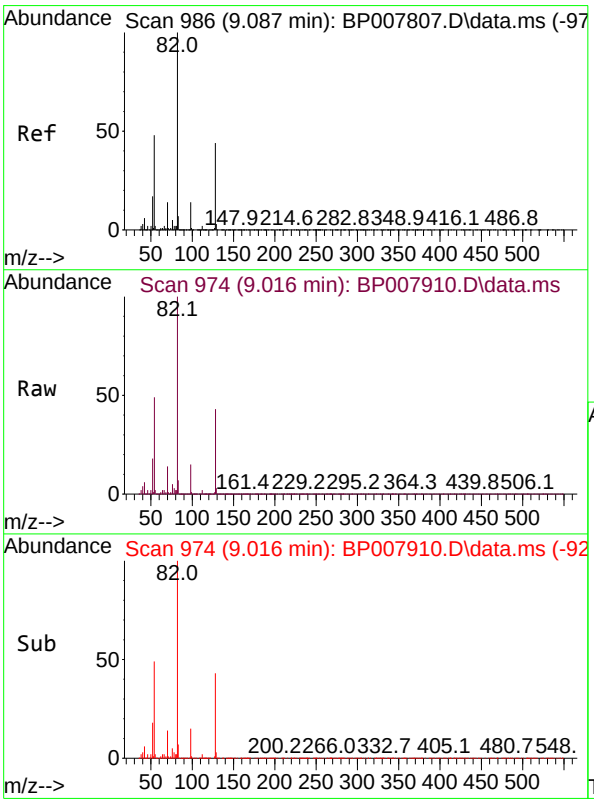
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.657 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP007910.D
Acq: 10 Nov 2021 02:34

Instrument :
BNA_F
ClientSampleId :
CL-02-110521DL

Tgt Ion:136 Resp: 578363

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	7.0	6.2	9.4
68	4.7	4.7	7.1

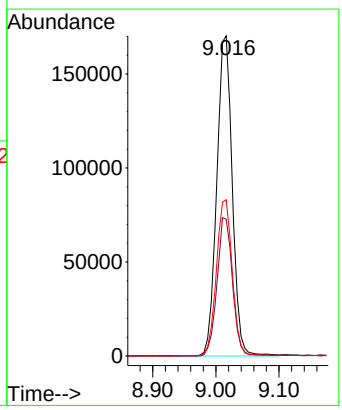


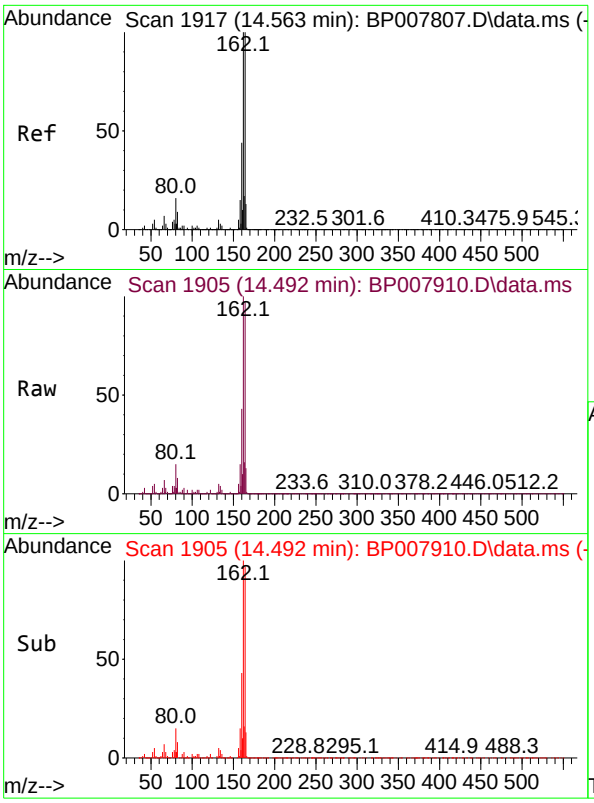


#23
Nitrobenzene-d5
Concen: 27.023 ng
RT: 9.016 min Scan# 974
Delta R.T. -0.012 min
Lab File: BP007910.D
Acq: 10 Nov 2021 02:34

Tgt Ion: 82 Resp: 290949

Ion	Ratio	Lower	Upper
82	100		
128	42.7	32.6	48.8
54	48.8	40.4	60.6



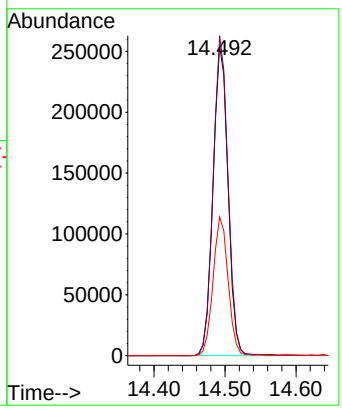


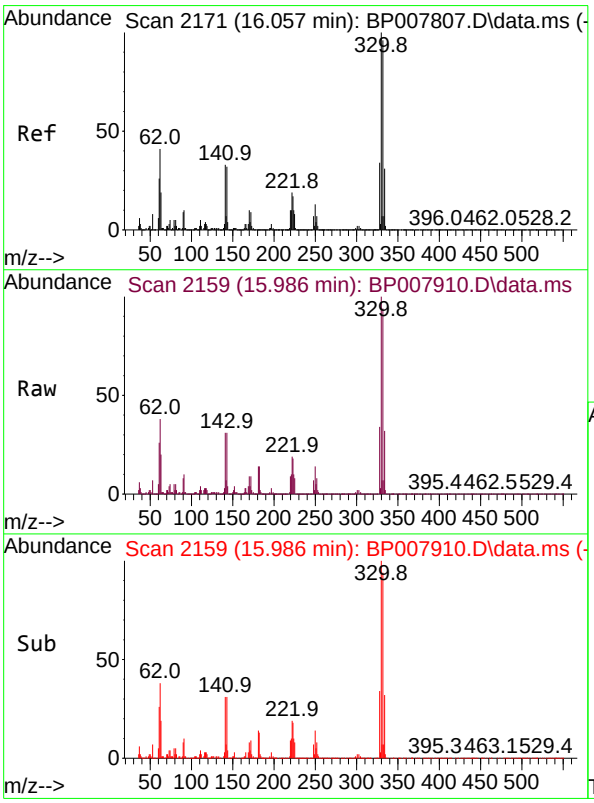
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.492 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP007910.D
Acq: 10 Nov 2021 02:34

Instrument :
BNA_F
ClientSampleId :
CL-02-110521DL

Tgt Ion:164 Resp: 372893

Ion	Ratio	Lower	Upper
164	100		
162	103.3	81.1	121.7
160	44.7	36.0	54.0

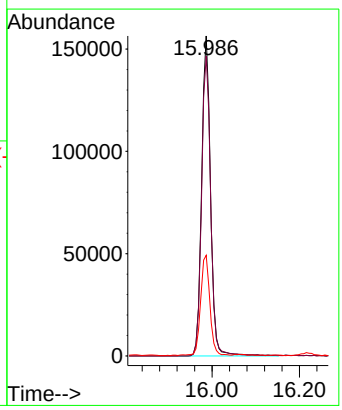


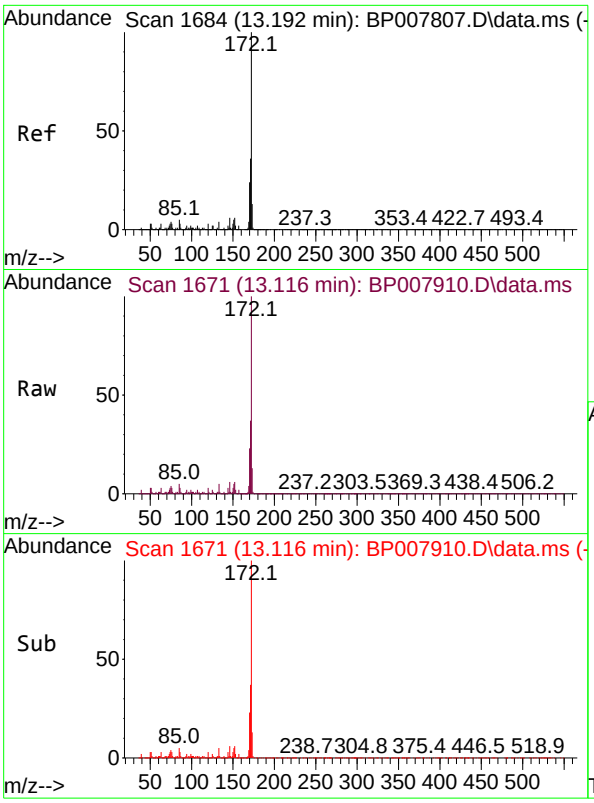


#42
2,4,6-Tribromophenol
Concen: 41.678 ng
RT: 15.986 min Scan# 2159
Delta R.T. -0.012 min
Lab File: BP007910.D
Acq: 10 Nov 2021 02:34

Tgt Ion:330 Resp: 221799

Ion	Ratio	Lower	Upper
330	100		
332	95.7	78.9	118.3
141	33.0	30.7	46.1



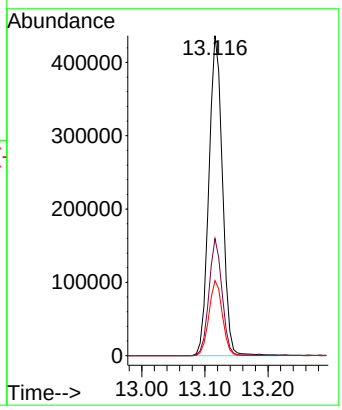


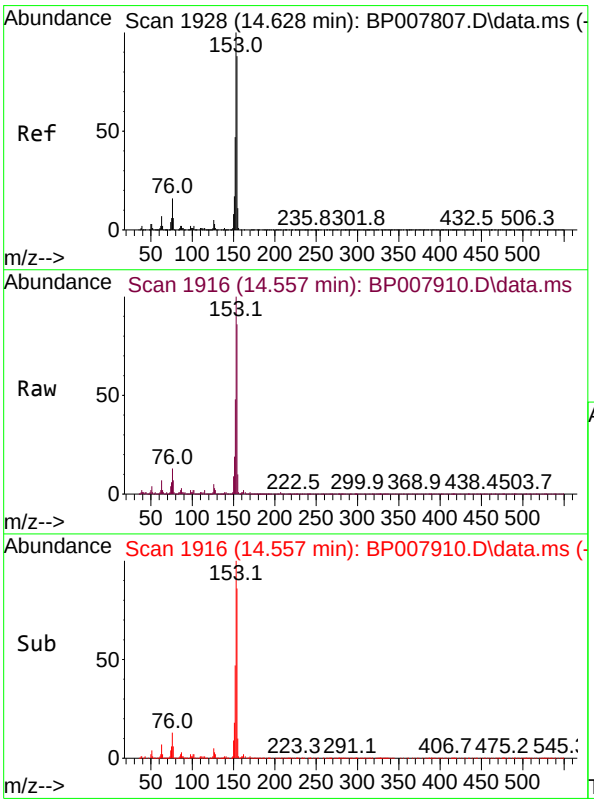
#45
2-Fluorobiphenyl
Concen: 25.495 ng
RT: 13.116 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP007910.D
Acq: 10 Nov 2021 02:34

Instrument :
BNA_F
ClientSampleId :
CL-02-110521DL

Tgt Ion:172 Resp: 652814

Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.2	42.2
170	23.5	19.0	28.4

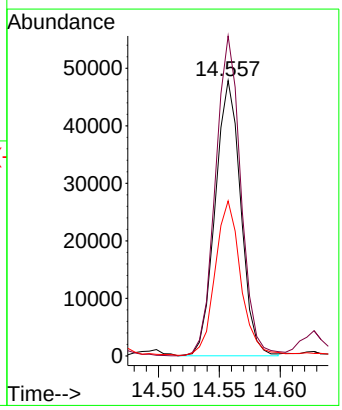


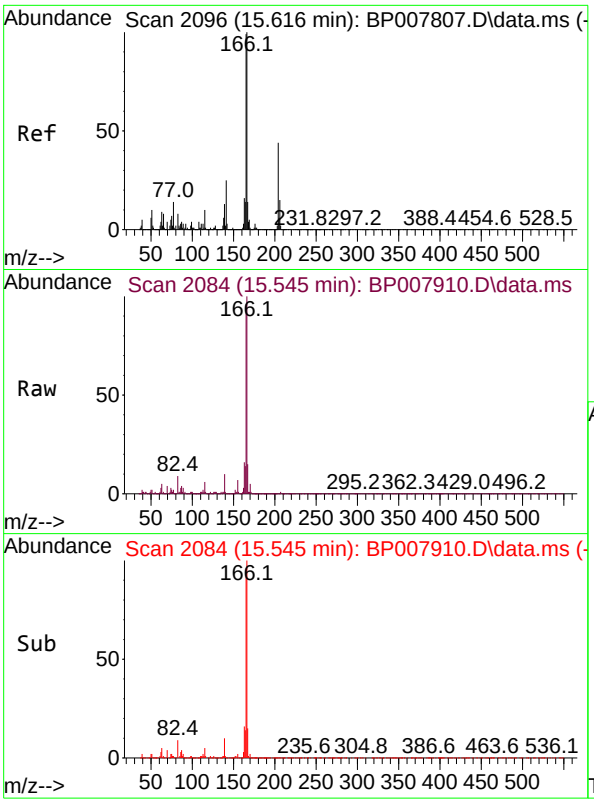


#52
Acenaphthene
Concen: 3.516 ng
RT: 14.557 min Scan# 1916
Delta R.T. -0.012 min
Lab File: BP007910.D
Acq: 10 Nov 2021 02:34

Tgt Ion:154 Resp: 69767

Ion	Ratio	Lower	Upper
154	100		
153	116.2	90.4	135.6
152	56.3	42.3	63.5



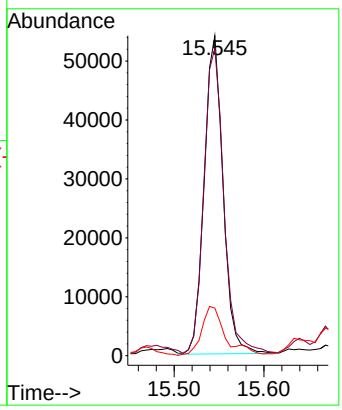


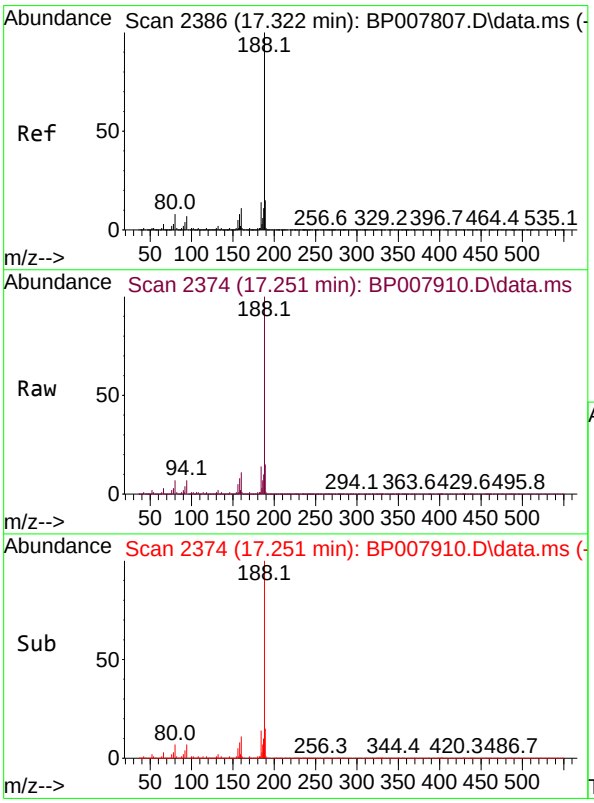
#58
Fluorene
Concen: 3.096 ng
RT: 15.545 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP007910.D
Acq: 10 Nov 2021 02:34

Instrument :
BNA_F
ClientSampleId :
CL-02-110521DL

Tgt Ion:166 Resp: 78837

Ion	Ratio	Lower	Upper
166	100		
165	96.1	78.9	118.3
167	14.8	10.9	16.3

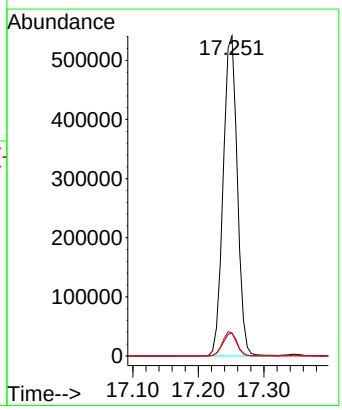


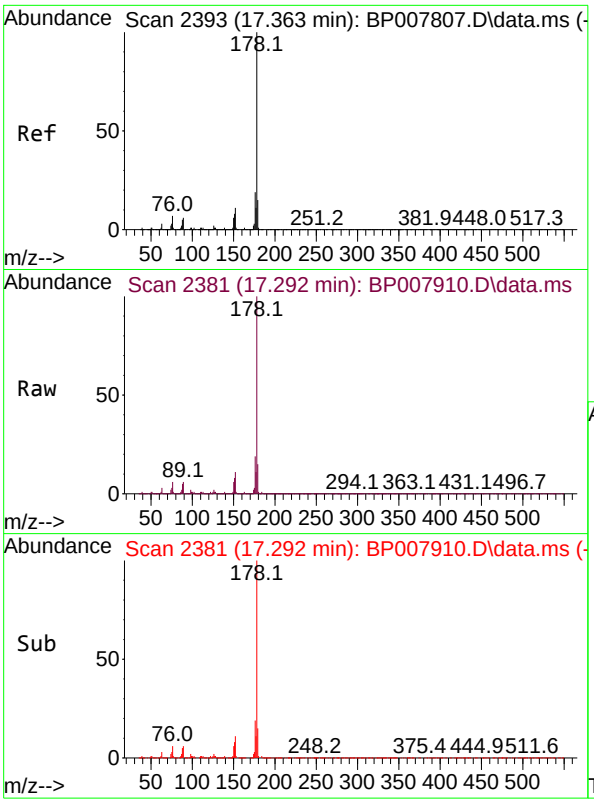


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.251 min Scan# 2374
Delta R.T. -0.006 min
Lab File: BP007910.D
Acq: 10 Nov 2021 02:34

Tgt Ion:188 Resp: 806133

Ion	Ratio	Lower	Upper
188	100		
94	7.2	7.1	10.7
80	7.2	7.8	11.6#



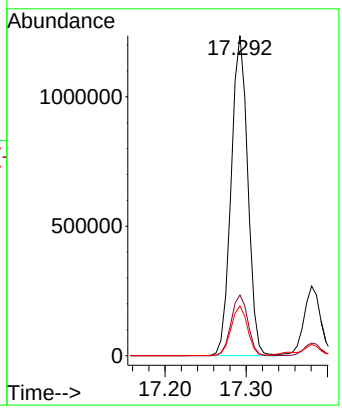


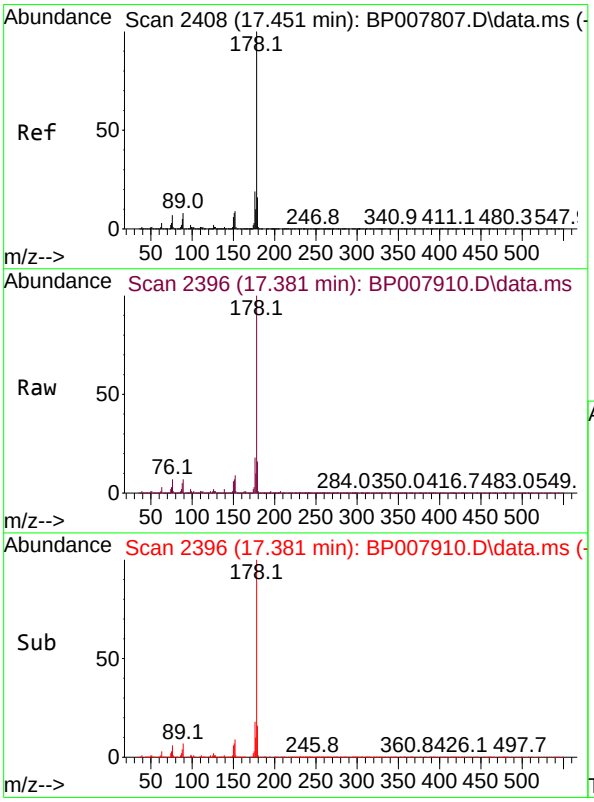
#71
Phenanthrene
Concen: 41.320 ng
RT: 17.292 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP007910.D
Acq: 10 Nov 2021 02:34

Instrument :
BNA_F
ClientSampleId :
CL-02-110521DL

Tgt Ion:178 Resp: 1751049

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.0
179	15.5	12.3	18.5

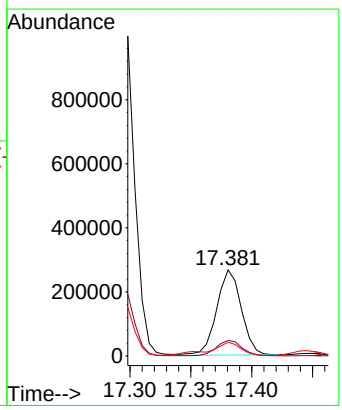


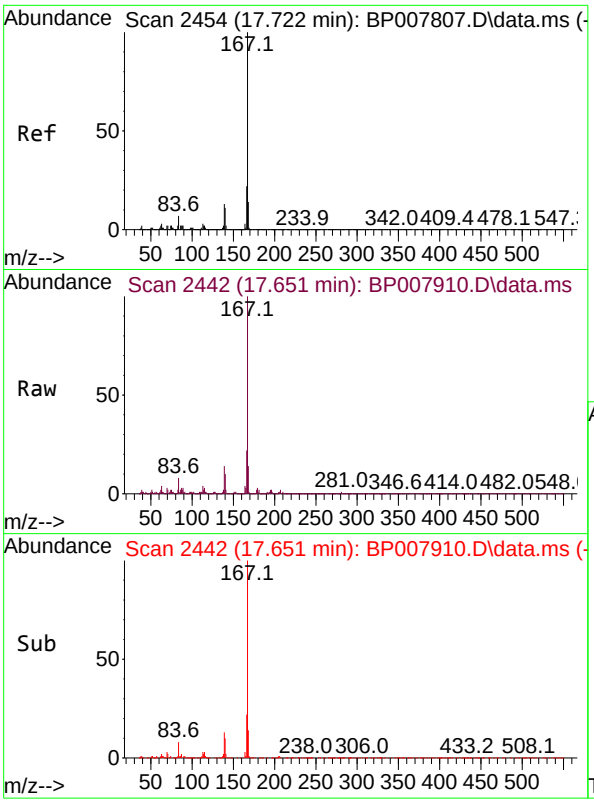


#72
Anthracene
Concen: 8.981 ng
RT: 17.381 min Scan# 2396
Delta R.T. -0.012 min
Lab File: BP007910.D
Acq: 10 Nov 2021 02:34

Tgt Ion:178 Resp: 374565

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.0	22.6
179	16.0	12.2	18.4



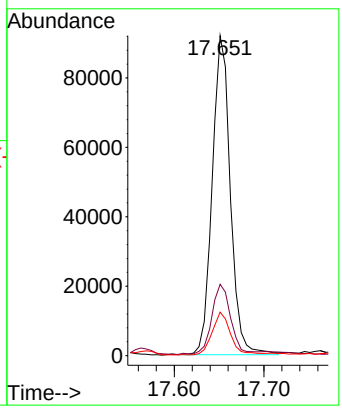


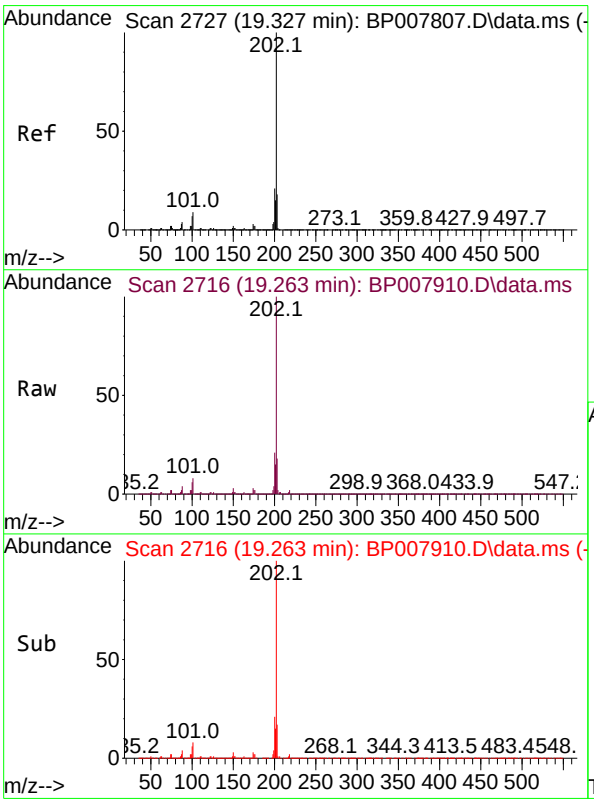
#73
Carbazole
Concen: 3.114 ng
RT: 17.651 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP007910.D
Acq: 10 Nov 2021 02:34

Instrument :
BNA_F
ClientSampleId :
CL-02-110521DL

Tgt Ion:167 Resp: 129105

Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.3	25.9
139	13.6	10.4	15.6

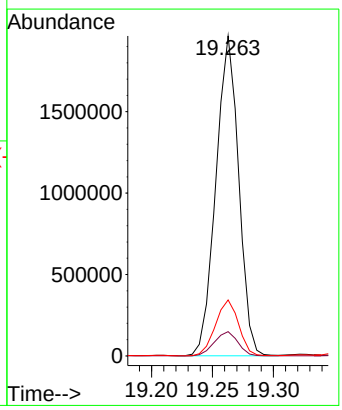


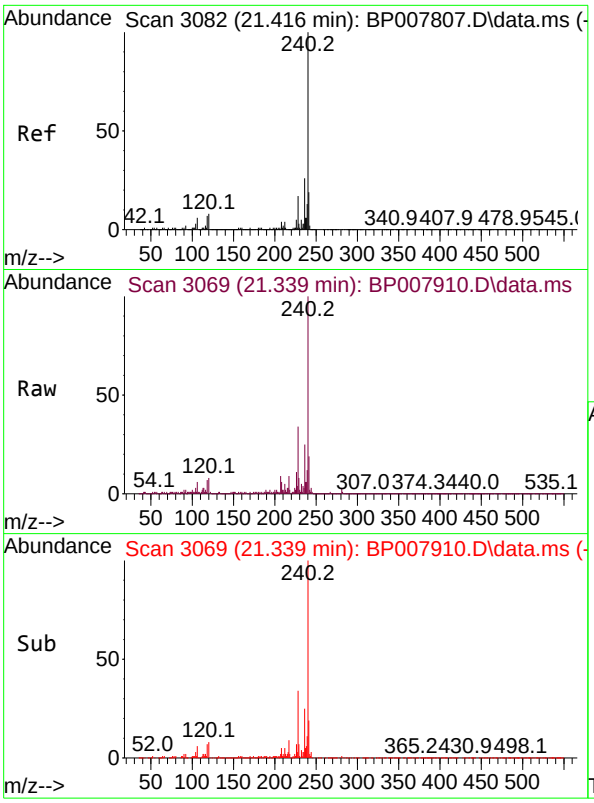


#75
Fluoranthene
Concen: 47.807 ng
RT: 19.263 min Scan# 2716
Delta R.T. -0.006 min
Lab File: BP007910.D
Acq: 10 Nov 2021 02:34

Tgt Ion:202 Resp: 2555693

Ion	Ratio	Lower	Upper
202	100		
101	7.6	0.0	30.4
203	17.5	0.0	37.6



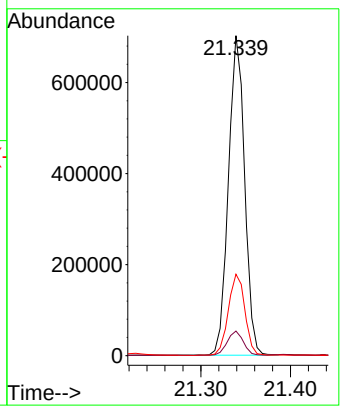


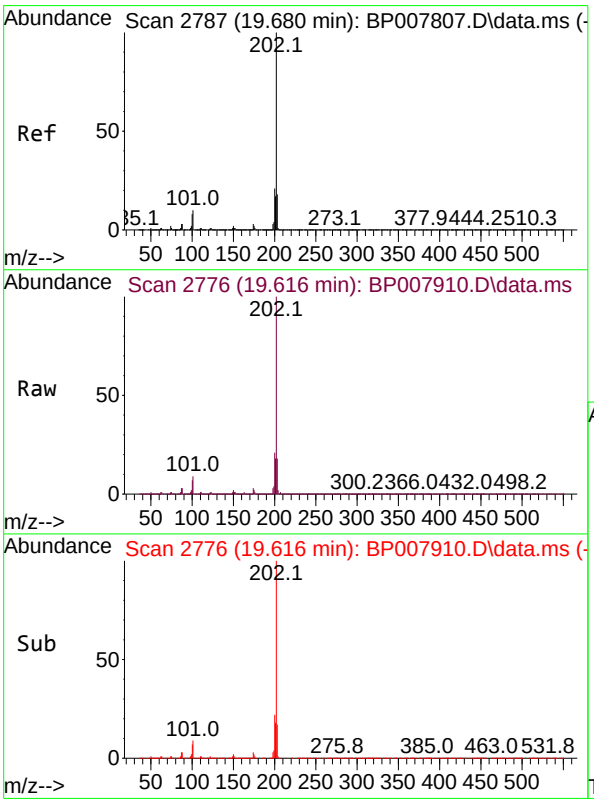
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.339 min Scan# 3(
Delta R.T. -0.012 min
Lab File: BP007910.D
Acq: 10 Nov 2021 02:34

Instrument :
BNA_F
ClientSampleId :
CL-02-110521DL

Tgt Ion:240 Resp: 880595

Ion	Ratio	Lower	Upper
240	100		
120	7.7	7.8	11.8#
236	25.4	20.6	30.8

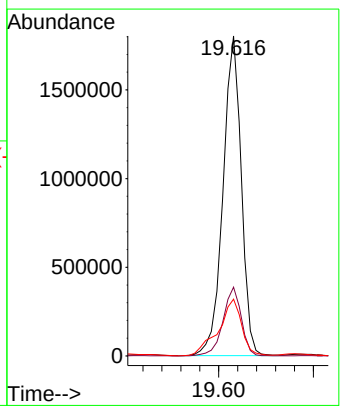


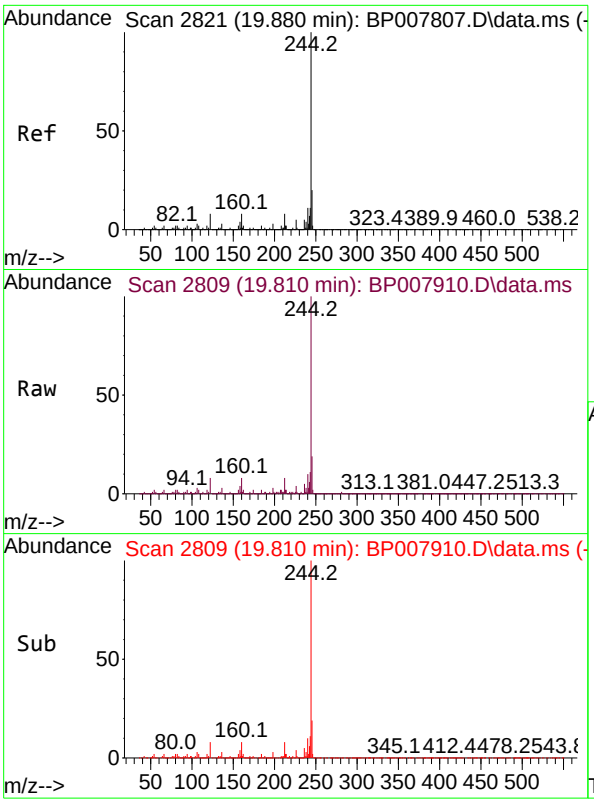


#78
Pyrene
Concen: 44.759 ng
RT: 19.616 min Scan# 2776
Delta R.T. -0.006 min
Lab File: BP007910.D
Acq: 10 Nov 2021 02:34

Tgt Ion:202 Resp: 2417465

Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.9	25.3
203	17.7	13.8	20.6



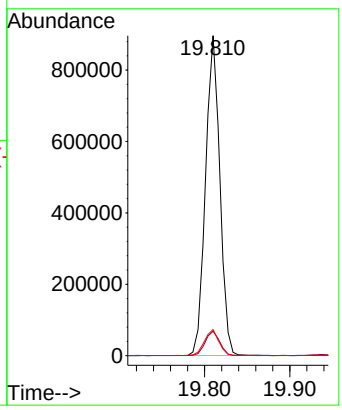


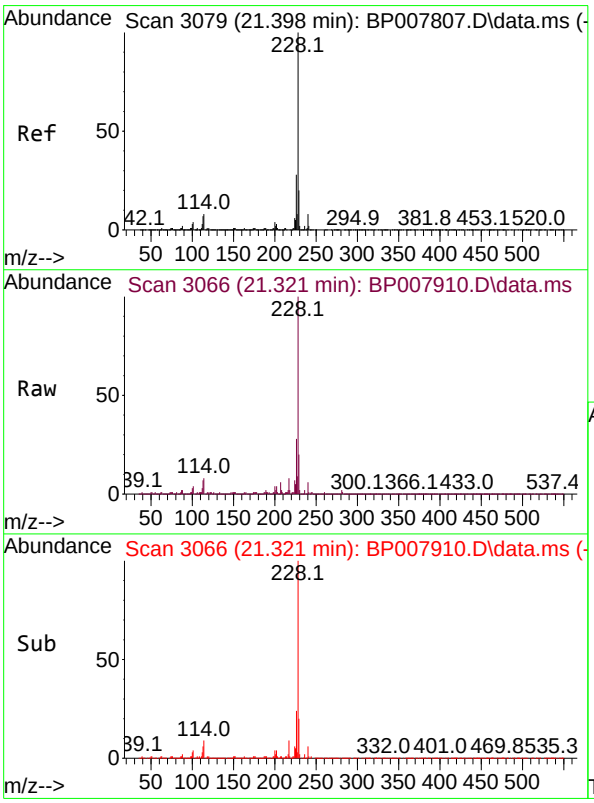
#79
Terphenyl-d14
Concen: 24.158 ng
RT: 19.810 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP007910.D
Acq: 10 Nov 2021 02:34

Instrument :
BNA_F
ClientSampleId :
CL-02-110521DL

Tgt Ion:244 Resp: 1044736

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	8.1	7.8	11.8

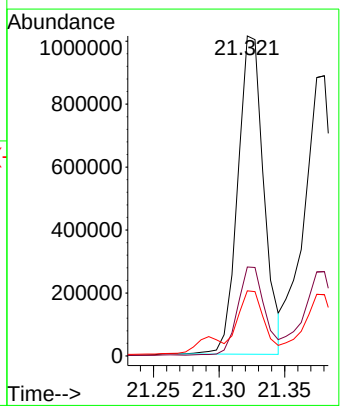


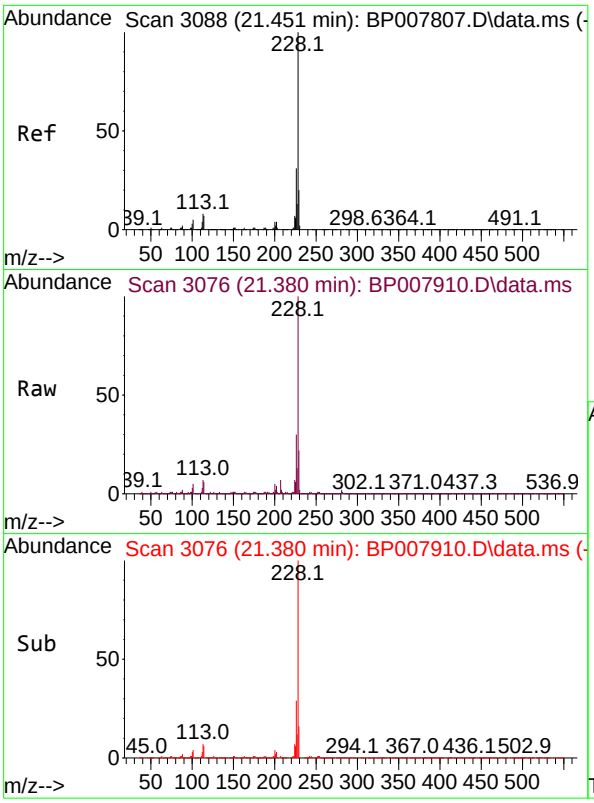


#81
Benzo(a)anthracene
Concen: 24.004 ng
RT: 21.321 min Scan# 3066
Delta R.T. -0.012 min
Lab File: BP007910.D
Acq: 10 Nov 2021 02:34

Tgt Ion:228 Resp: 1392588

Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.8	32.6
229	20.3	15.7	23.5



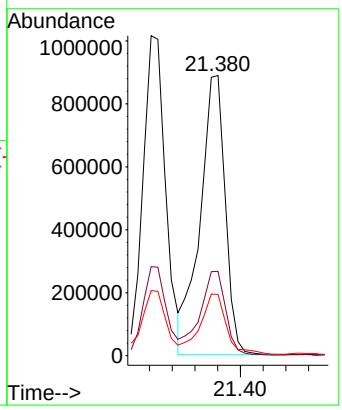


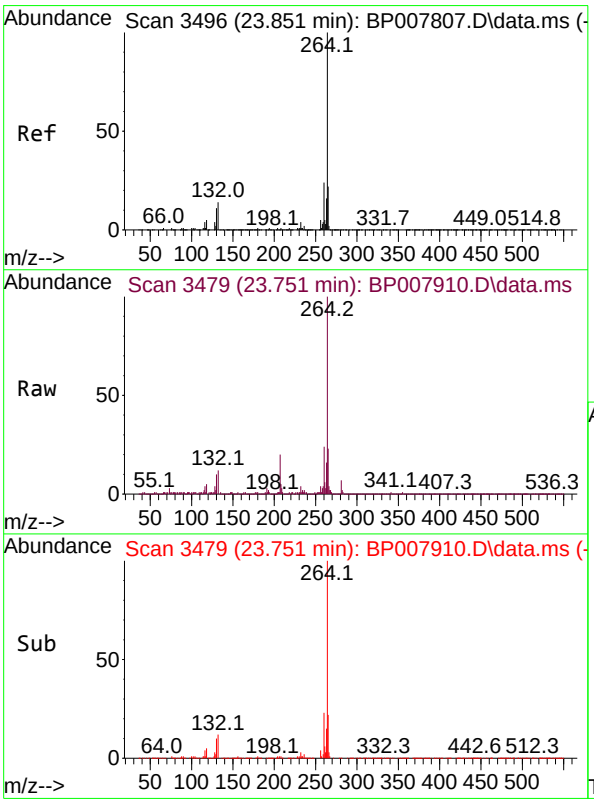
#83
Chrysene
Concen: 24.954 ng
RT: 21.380 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP007910.D
Acq: 10 Nov 2021 02:34

Instrument :
BNA_F
ClientSampleId :
CL-02-110521DL

Tgt Ion:228 Resp: 1370505

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.6	37.0
229	21.9	15.7	23.5

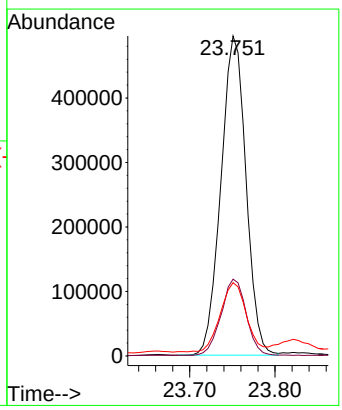


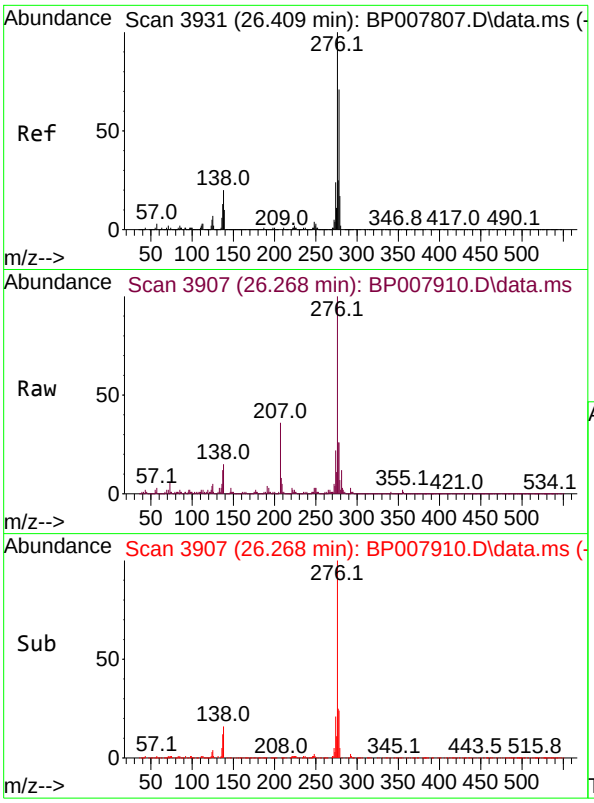


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.751 min Scan# 3479
Delta R.T. -0.018 min
Lab File: BP007910.D
Acq: 10 Nov 2021 02:34

Tgt Ion:264 Resp: 1010907

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.1	28.7
265	22.9	16.7	25.1



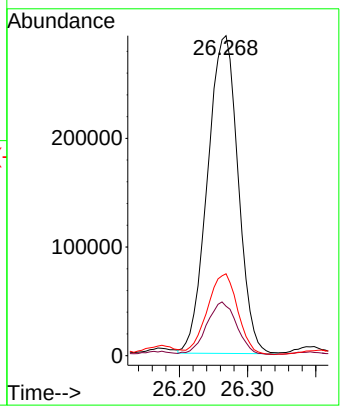


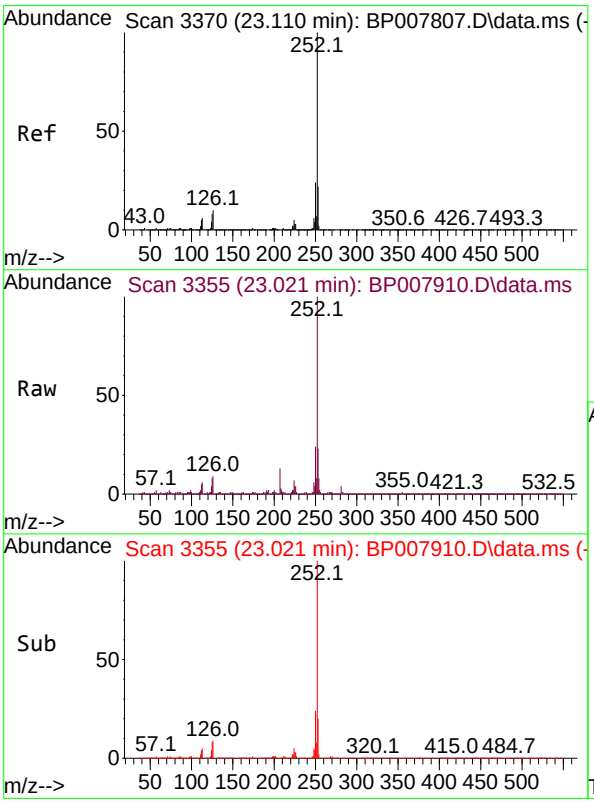
#87
Indeno(1,2,3-cd)pyrene
Concen: 12.103 ng
RT: 26.268 min Scan# 3
Delta R.T. -0.035 min
Lab File: BP007910.D
Acq: 10 Nov 2021 02:34

Instrument :
BNA_F
ClientSampleId :
CL-02-110521DL

Tgt Ion:276 Resp: 912016

Ion	Ratio	Lower	Upper
276	100		
138	16.2	19.4	29.0#
277	25.0	20.2	30.2

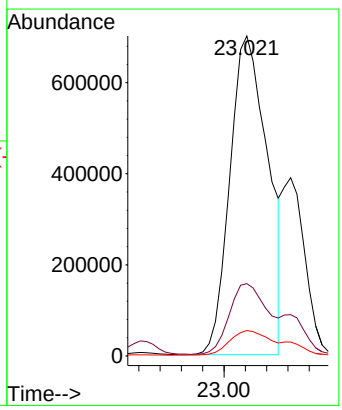


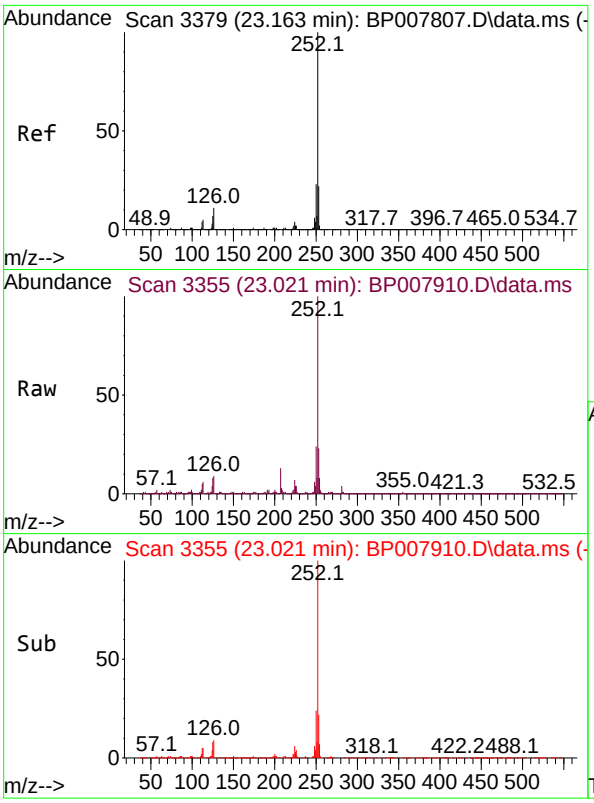


#88
Benzo(b)fluoranthene
Concen: 29.038 ng
RT: 23.021 min Scan# 3355
Delta R.T. -0.012 min
Lab File: BP007910.D
Acq: 10 Nov 2021 02:34

Tgt Ion:252 Resp: 1730387

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.2
125	7.9	7.4	11.0



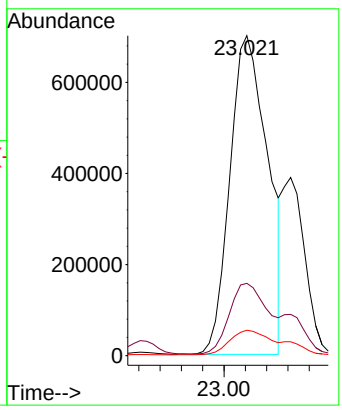


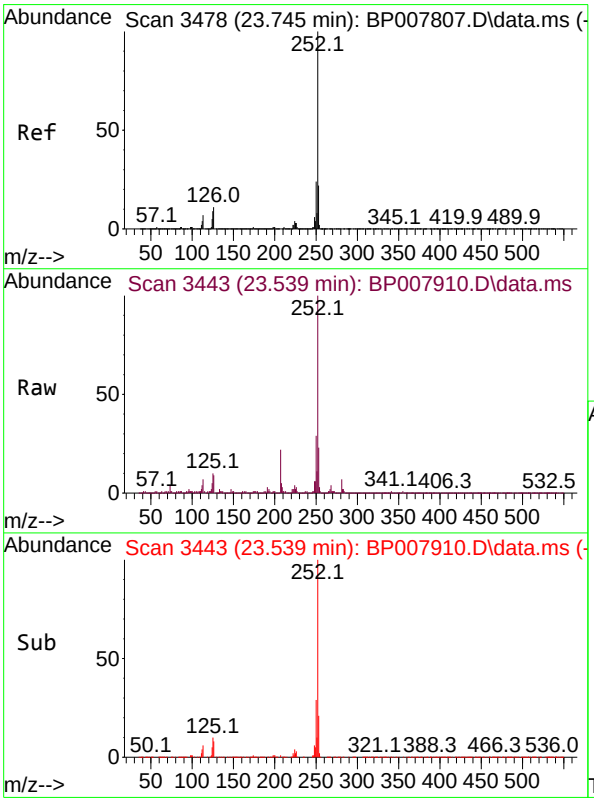
#89
Benzo(k)fluoranthene
Concen: 29.258 ng
RT: 23.021 min Scan# 3
Delta R.T. -0.059 min
Lab File: BP007910.D
Acq: 10 Nov 2021 02:34

Instrument :
BNA_F
ClientSampleId :
CL-02-110521DL

Tgt Ion:252 Resp: 1730387

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.6	26.4
125	7.9	7.4	11.0

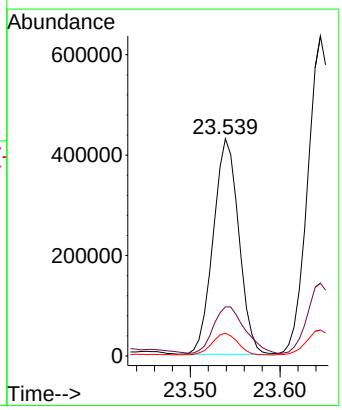


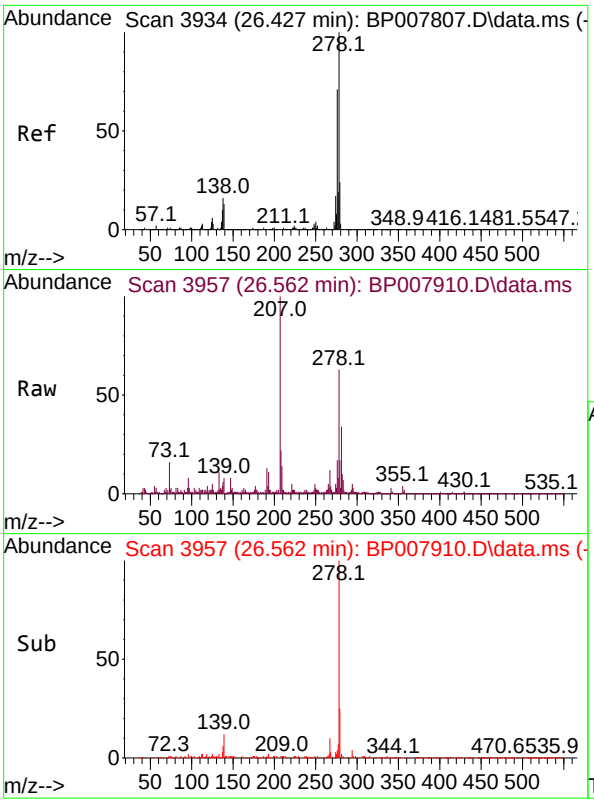


#90
Benzo(a)pyrene
Concen: 16.437 ng
RT: 23.539 min Scan# 3443
Delta R.T. -0.124 min
Lab File: BP007910.D
Acq: 10 Nov 2021 02:34

Tgt Ion:252 Resp: 848139

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.6	26.4
125	10.5	8.4	12.6



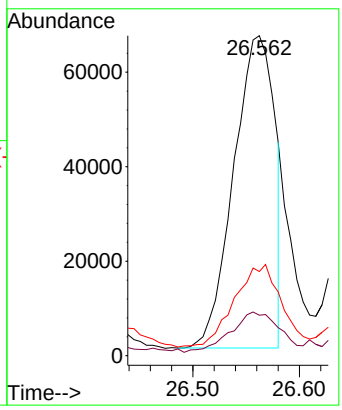


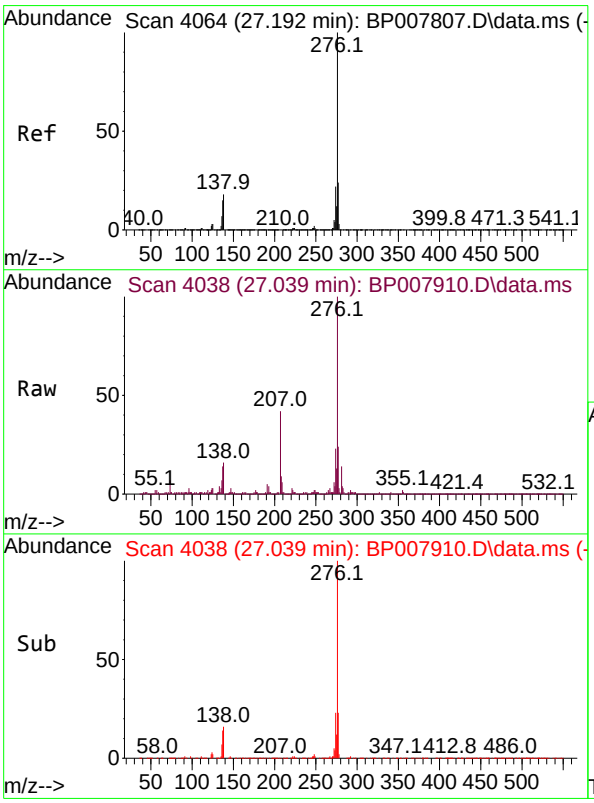
#91
Dibenzo(a,h)anthracene
Concen: 2.836 ng
RT: 26.562 min Scan# 3
Delta R.T. 0.241 min
Lab File: BP007910.D
Acq: 10 Nov 2021 02:34

Instrument :
BNA_F
ClientSampleId :
CL-02-110521DL

Tgt Ion:278 Resp: 177141

Ion	Ratio	Lower	Upper
278	100		
139	12.7	11.8	17.6
279	26.3	18.6	27.8





#92
Benzo(g,h,i)perylene
Concen: 14.159 ng
RT: 27.039 min Scan# 4038
Delta R.T. -0.041 min
Lab File: BP007910.D
Acq: 10 Nov 2021 02:34

Tgt Ion:276 Resp: 877280

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.4	29.0
138	16.2	16.2	24.4#