Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100521\
Data File : BP007346.D
Acq On : 06 Oct 2021 02:52
Operator : CG/JU
Sample : M4067-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SU-02-100421

Quant Time: Oct 06 05:29:06 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 01 12:49:05 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.863	152	189689	20.000	ng		0.00
21) Naphthalene-d8	10.663	136	729034	20.000	ng	#	0.00
39) Acenaphthene-d10	14.498	164	450696	20.000	ng		0.00
64) Phenanthrene-d10	17.251	188	906382	20.000	ng		0.00
76) Chrysene-d12	21.345	240	913145	20.000	ng		0.00
86) Perylene-d12	23.751	264	991906	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.446	112	534336	47.153	ng		0.00
7) Phenol-d6	7.046	99	638806	41.246	ng		0.00
23) Nitrobenzene-d5	9.028	82	379366	30.304	ng		0.00
42) 2,4,6-Tribromophenol	15.992	330	252270	43.174	ng		0.00
45) 2-Fluorobiphenyl	13.122	172	895059	28.451	ng		0.00
79) Terphenyl-d14	19.810	244	1227413	25.758	ng		0.00
Target Compounds							Qvalue
49) Acenaphthylene	14.222	152	1439775	35.997	ng		100
52) Acenaphthene	14.563	154	79778	3.292	ng		95
55) Dibenzofuran	14.898	168	128304	3.173	ng	#	95
58) Fluorene	15.545	166	287143	9.193	ng		96
71) Phenanthrene	17.292	178	2802887	57.673	ng		99
72) Anthracene	17.386	178	1397228	29.389	ng		99
73) Carbazole	17.657	167	172566	3.704	ng		97
75) Fluoranthene	19.269	202	6409960	114.479	ng		97
78) Pyrene	19.621	202	5928095	98.949	ng		97
81) Benzo(a)anthracene	21.327	228	3751371	63.291	ng		93
83) Chrysene	21.380	228	3182034	56.172	ng		95
87) Indeno(1,2,3-cd)pyrene	26.286	276	2813451	39.468	ng		99
88) Benzo(b)fluoranthene	23.021	252	5236656	88.340	ng	#	96
89) Benzo(k)fluoranthene	23.021	252	5236656	87.252	ng	#	96
90) Benzo(a)pyrene	23.651	252	3977271	78.974	ng	#	97
91) Dibenzo(a,h)anthracene	26.286	278	740377	12.394	ng	#	85
92) Benzo(g,h,i)perylene	27.074	276	2596012	44.531	ng	#	95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100521\
Data File : BP007346.D
Acq On : 06 Oct 2021 02:52
Operator : CG/JU
Sample : M4067-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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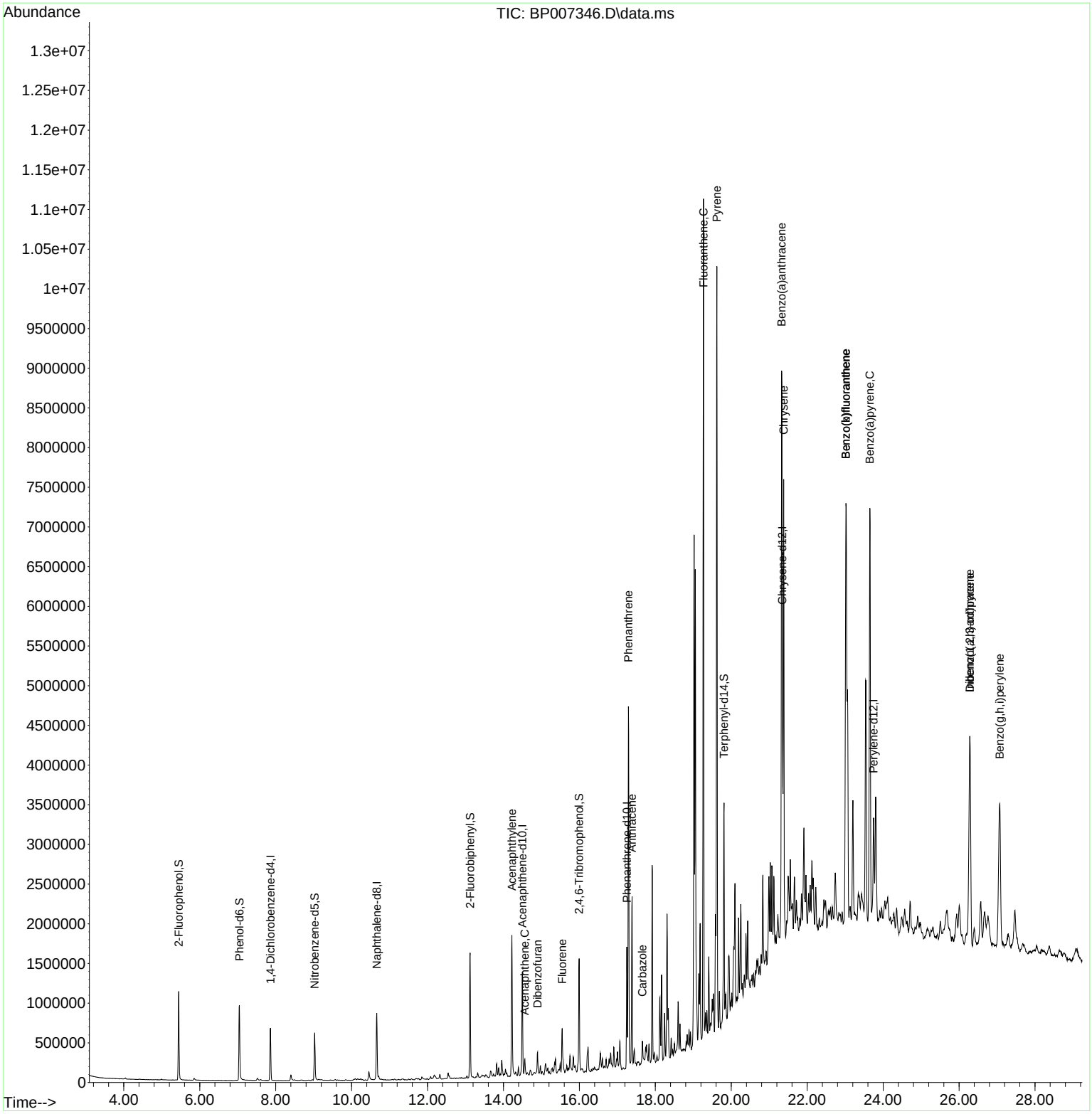
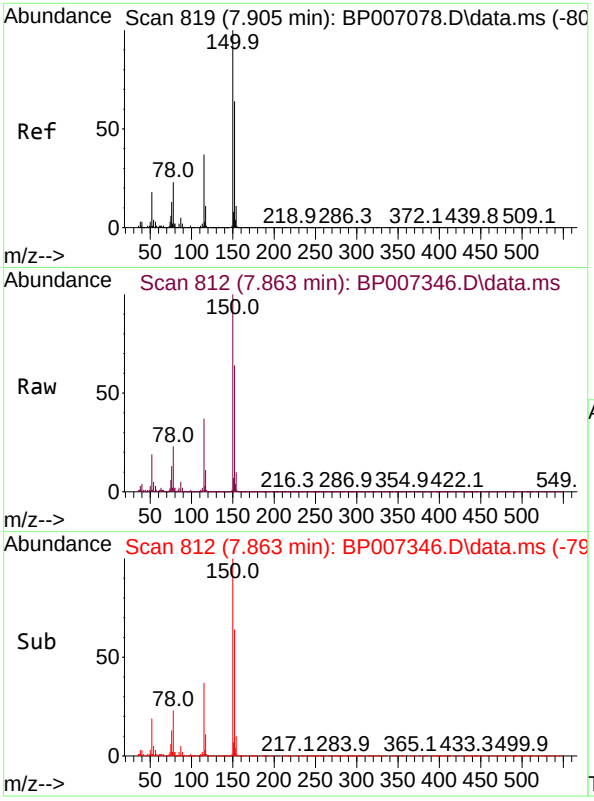
Quant Time: Oct 06 05:29:06 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 01 12:49:05 2021
Response via : Initial Calibration



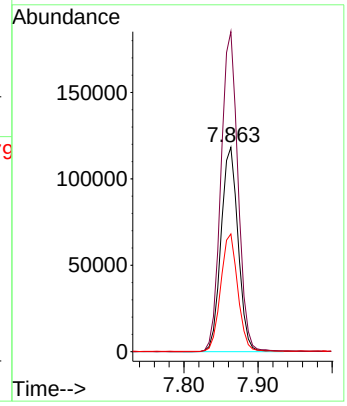
Instrument :
BNA_P
ClientSampleId :
SU-02-100421

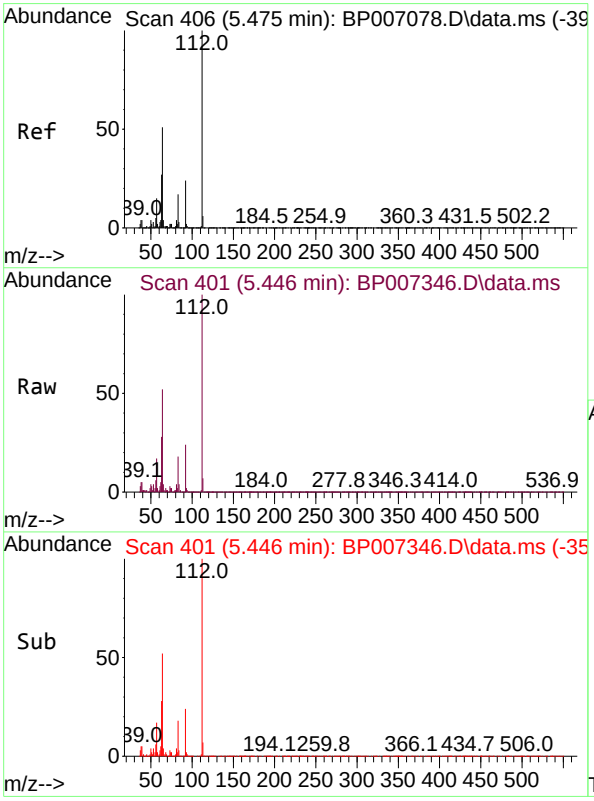


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 812
Delta R.T. 0.000 min
Lab File: BP007346.D
Acq: 06 Oct 2021 02:52

Tgt Ion:152 Resp: 189689

Ion	Ratio	Lower	Upper
152	100		
150	156.6	125.6	188.4
115	57.6	48.5	72.7

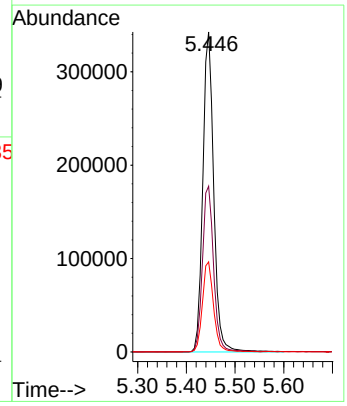




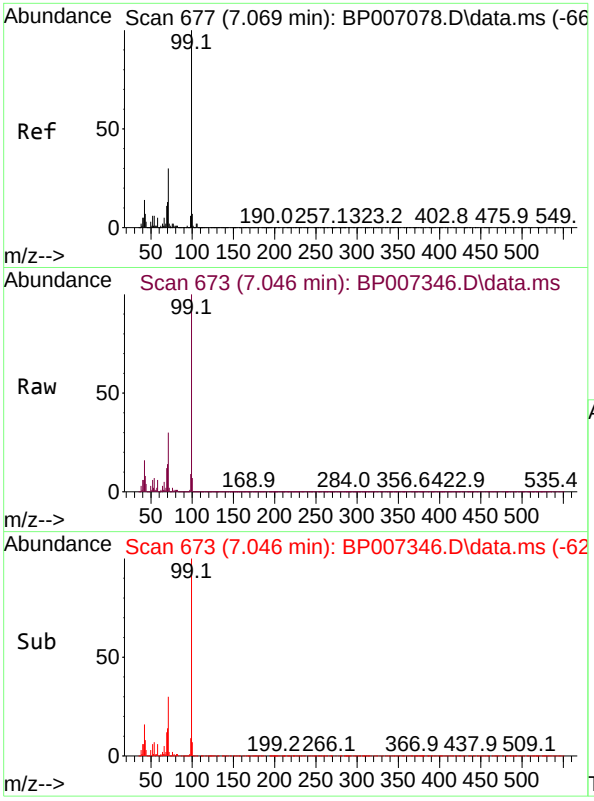
#5
2-Fluorophenol
Concen: 47.153 ng
RT: 5.446 min Scan# 401
Delta R.T. -0.006 min
Lab File: BP007346.D
Acq: 06 Oct 2021 02:52

Tgt Ion:112 Resp: 534336

Ion	Ratio	Lower	Upper
112	100		
64	51.8	41.4	62.2
63	28.1	23.8	35.8



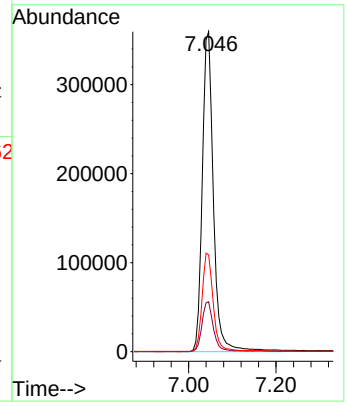
Instrument :
BNA_P
ClientSampleId :
SU-02-100421

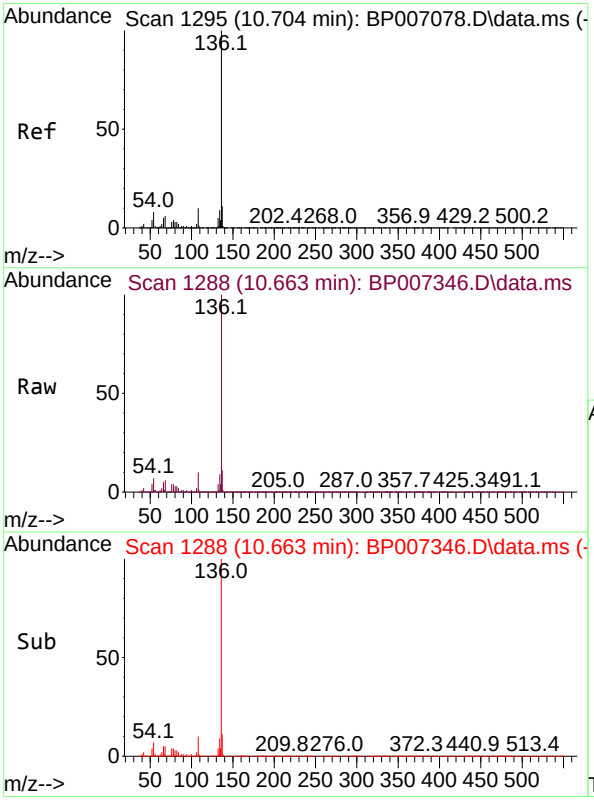


#7
Phenol-d6
Concen: 41.246 ng
RT: 7.046 min Scan# 673
Delta R.T. -0.006 min
Lab File: BP007346.D
Acq: 06 Oct 2021 02:52

Tgt Ion: 99 Resp: 638806

Ion	Ratio	Lower	Upper
99	100		
42	15.6	13.4	20.0
71	30.3	30.6	46.0#

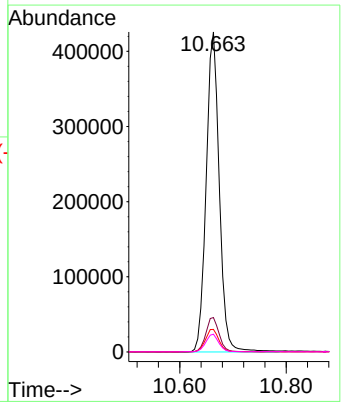




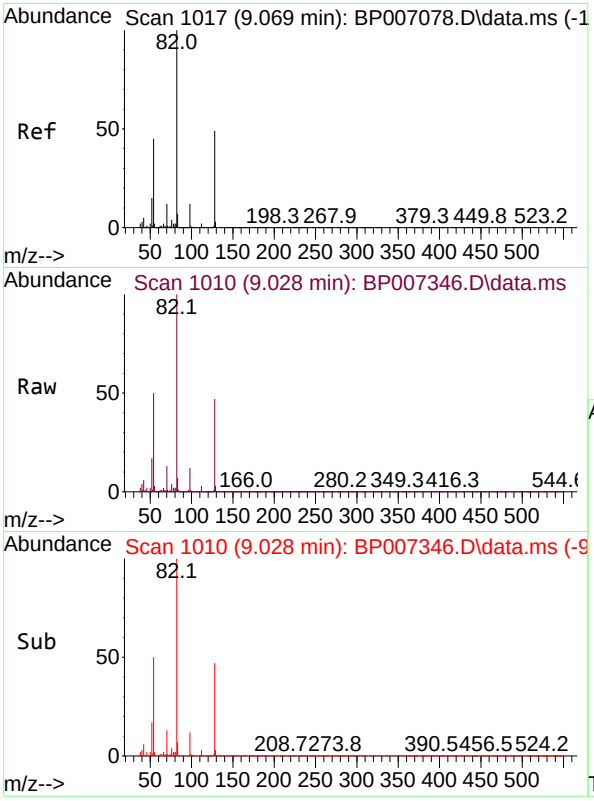
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BP007346.D
Acq: 06 Oct 2021 02:52

Tgt Ion:136 Resp: 729034

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	7.1	4.6	6.8#
68	5.5	3.6	5.4#



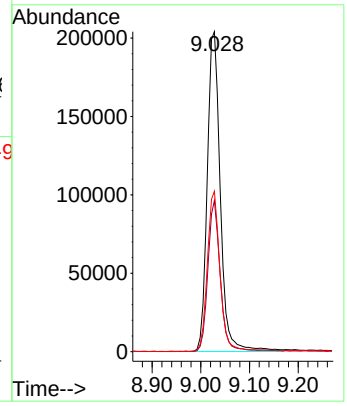
Instrument :
BNA_P
ClientSampleId :
SU-02-100421

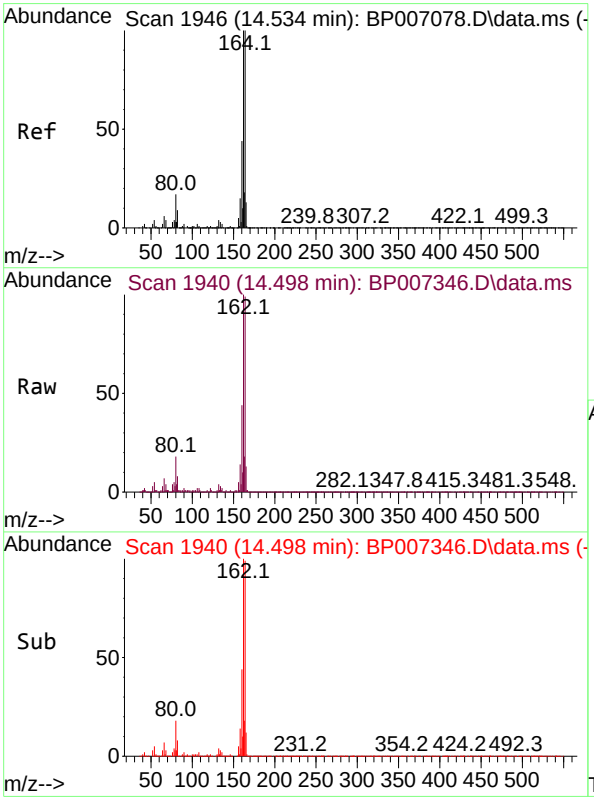


#23
Nitrobenzene-d5
Concen: 30.304 ng
RT: 9.028 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BP007346.D
Acq: 06 Oct 2021 02:52

Tgt Ion: 82 Resp: 379366

Ion	Ratio	Lower	Upper
82	100		
128	47.2	35.7	53.5
54	50.1	35.0	52.4

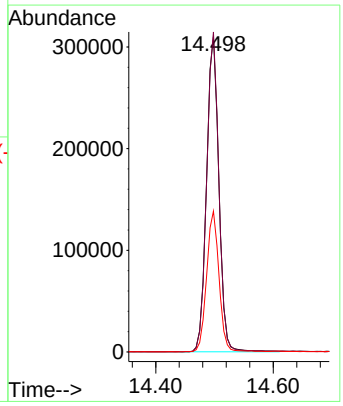




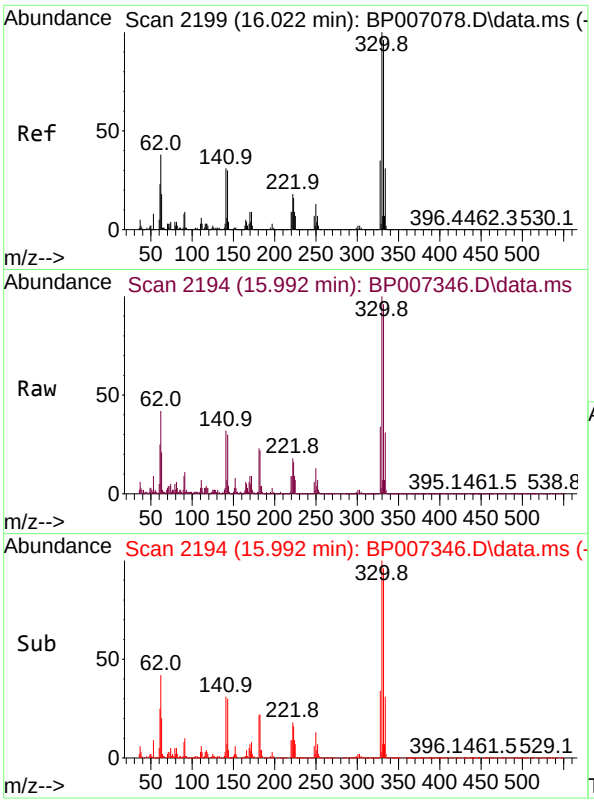
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.498 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BP007346.D
Acq: 06 Oct 2021 02:52

Tgt Ion:164 Resp: 450696

Ion	Ratio	Lower	Upper
164	100		
162	101.5	80.2	120.2
160	44.7	34.5	51.7



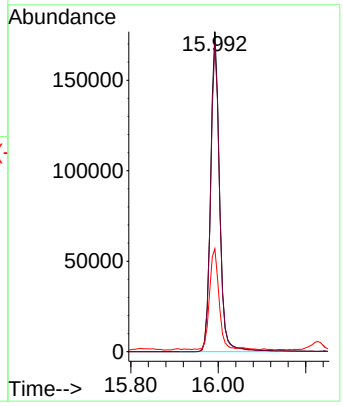
Instrument :
BNA_P
ClientSampleId :
SU-02-100421

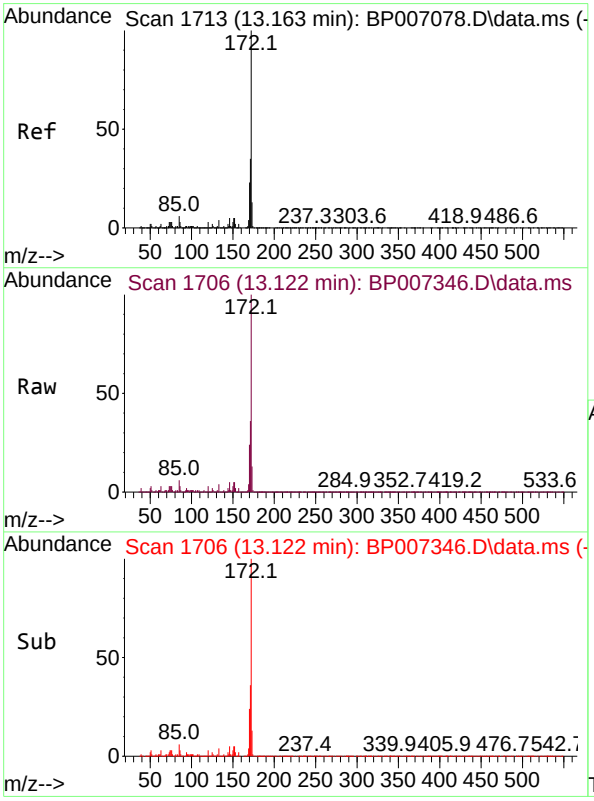


#42
2,4,6-Tribromophenol
Concen: 43.174 ng
RT: 15.992 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BP007346.D
Acq: 06 Oct 2021 02:52

Tgt Ion:330 Resp: 252270

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.8	116.8
141	33.0	25.4	38.2

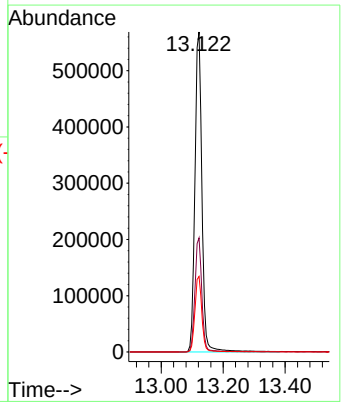




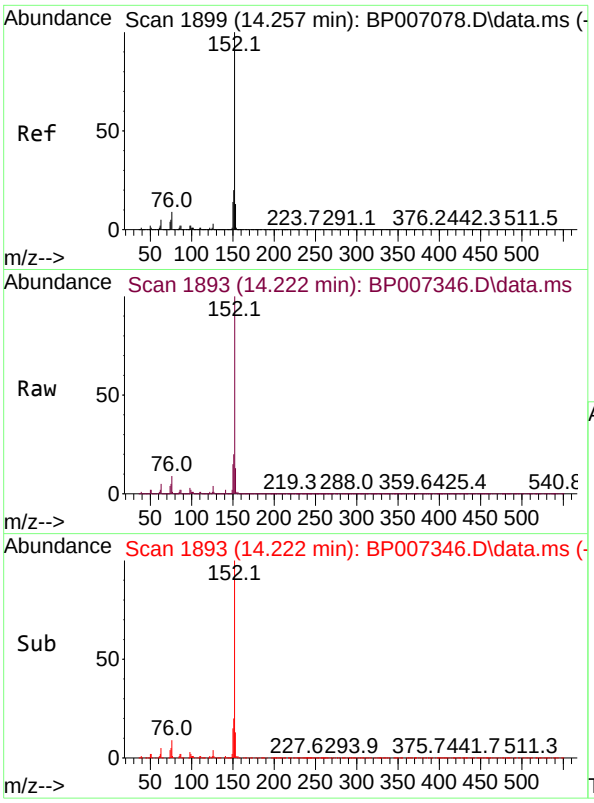
#45
2-Fluorobiphenyl
Concen: 28.451 ng
RT: 13.122 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BP007346.D
Acq: 06 Oct 2021 02:52

Tgt Ion:172 Resp: 895059

Ion	Ratio	Lower	Upper
172	100		
171	35.6	27.9	41.9
170	23.6	18.6	27.8



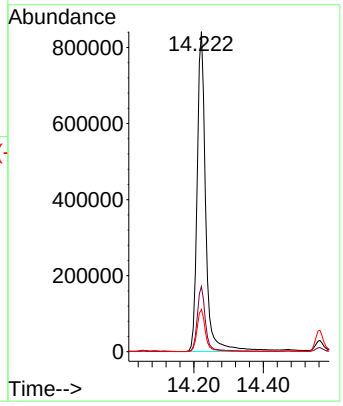
Instrument :
BNA_P
ClientSampleId :
SU-02-100421

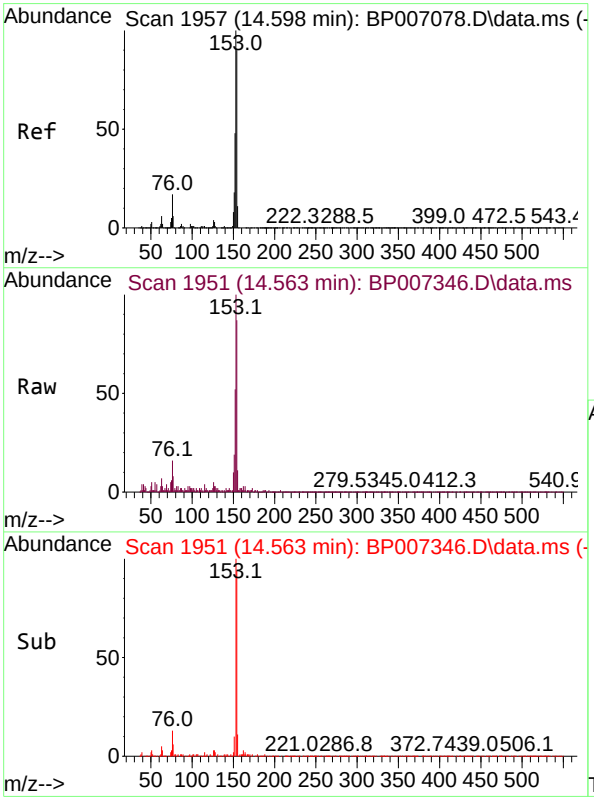


#49
Acenaphthylene
Concen: 35.997 ng
RT: 14.222 min Scan# 1893
Delta R.T. 0.000 min
Lab File: BP007346.D
Acq: 06 Oct 2021 02:52

Tgt Ion:152 Resp: 1439775

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.2
153	13.2	10.6	16.0

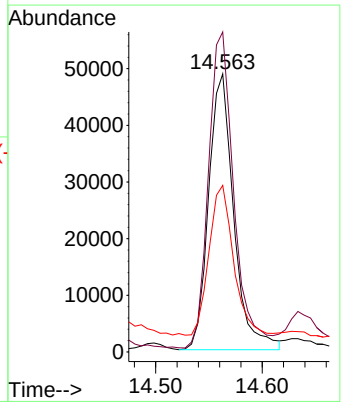




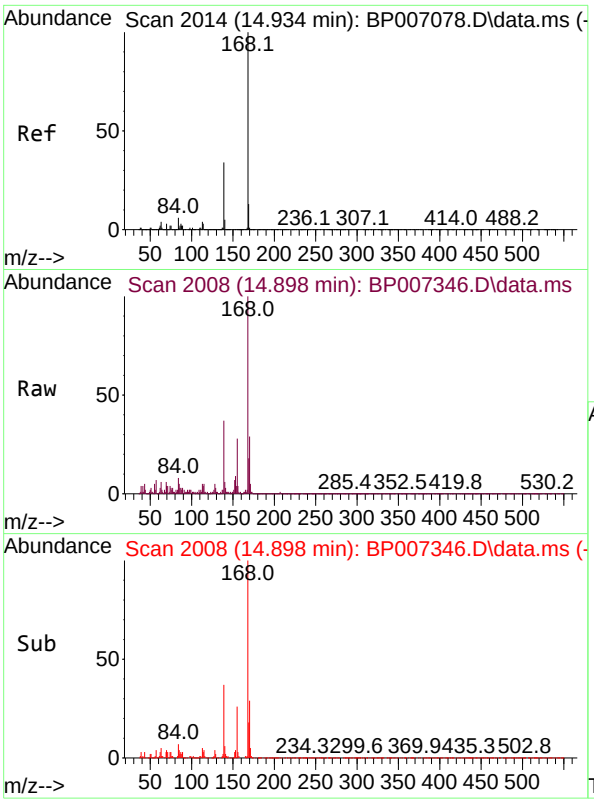
#52
Acenaphthene
Concen: 3.292 ng
RT: 14.563 min Scan# 1951
Delta R.T. 0.000 min
Lab File: BP007346.D
Acq: 06 Oct 2021 02:52

Tgt Ion:154 Resp: 79778

Ion	Ratio	Lower	Upper
154	100		
153	115.1	89.4	134.2
152	59.9	43.0	64.4



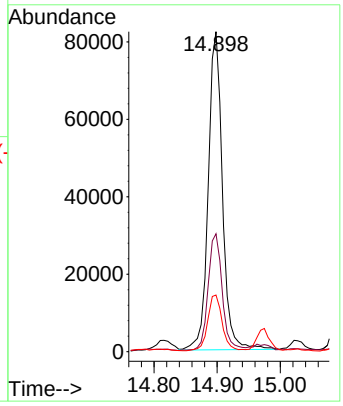
Instrument :
BNA_P
ClientSampleId :
SU-02-100421

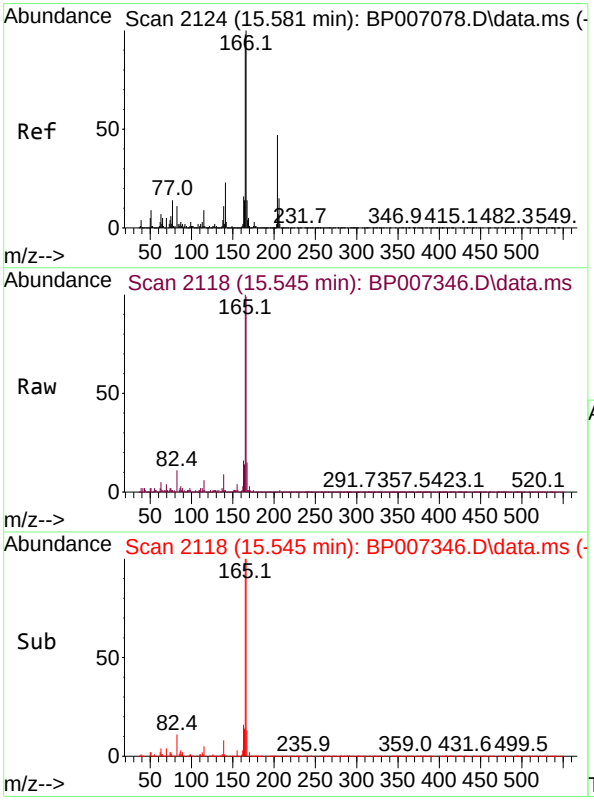


#55
Dibenzofuran
Concen: 3.173 ng
RT: 14.898 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BP007346.D
Acq: 06 Oct 2021 02:52

Tgt Ion:168 Resp: 128304

Ion	Ratio	Lower	Upper
168	100		
139	36.8	31.0	46.6
169	17.7	10.8	16.2#

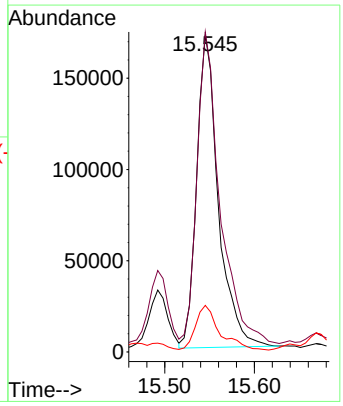




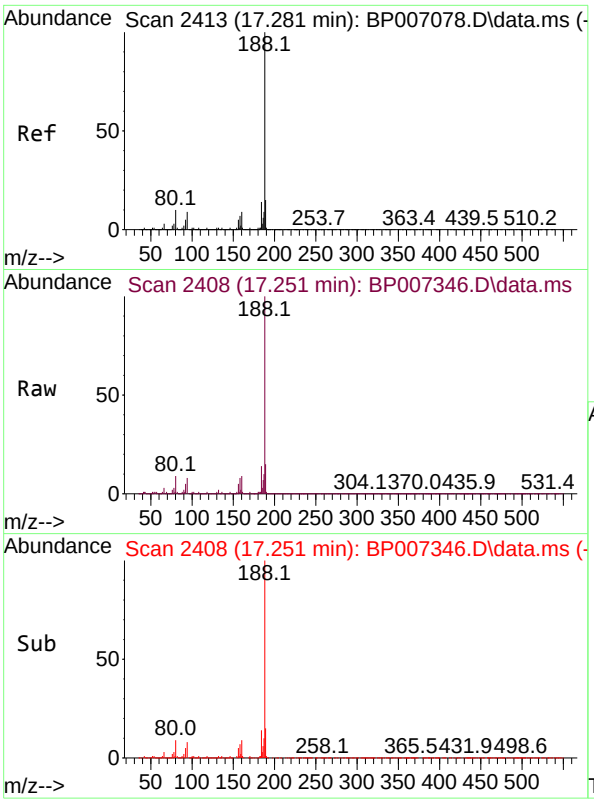
#58
Fluorene
Concen: 9.193 ng
RT: 15.545 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BP007346.D
Acq: 06 Oct 2021 02:52

Tgt Ion:166 Resp: 287143

Ion	Ratio	Lower	Upper
166	100		
165	100.9	78.0	117.0
167	14.7	10.5	15.7



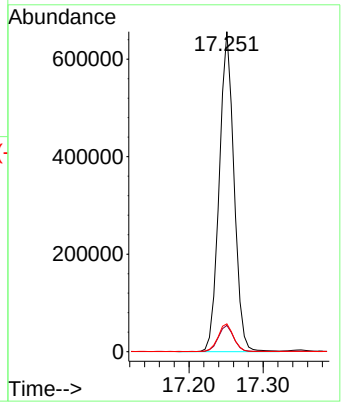
Instrument :
BNA_P
ClientSampleId :
SU-02-100421

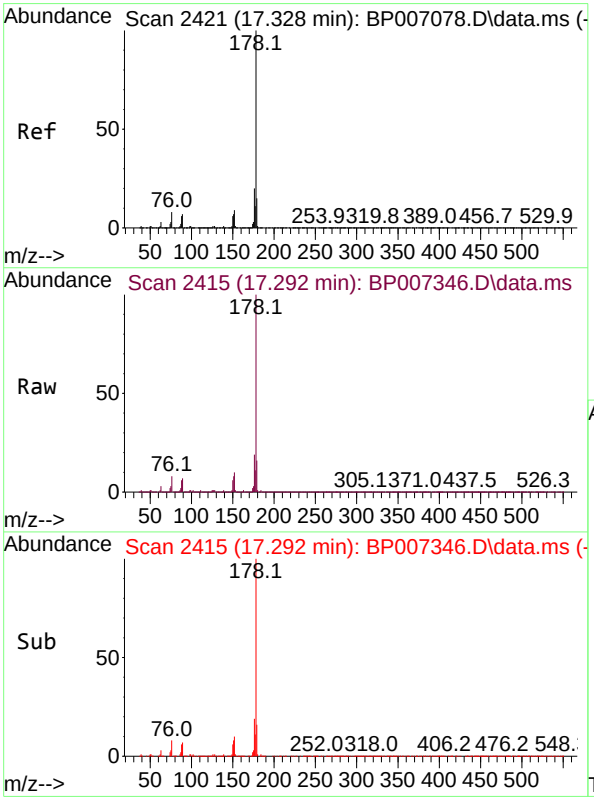


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.251 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BP007346.D
Acq: 06 Oct 2021 02:52

Tgt Ion:188 Resp: 906382

Ion	Ratio	Lower	Upper
188	100		
94	8.2	5.6	8.4
80	8.7	6.3	9.5

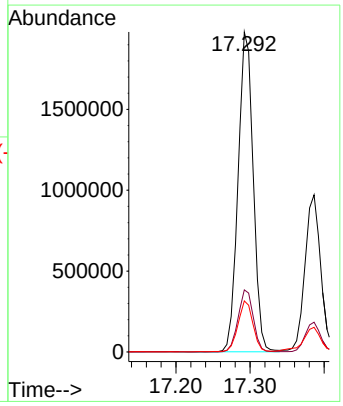


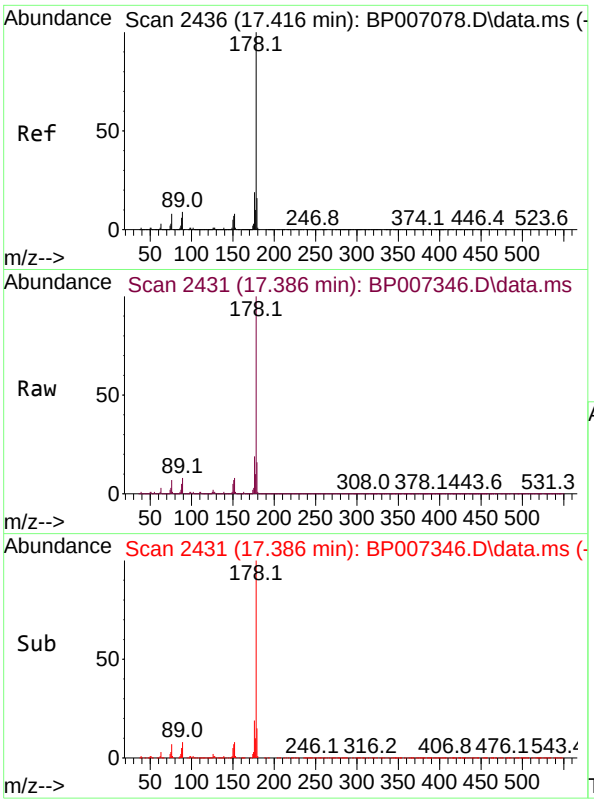


#71
Phenanthrene
Concen: 57.673 ng
RT: 17.292 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BP007346.D
Acq: 06 Oct 2021 02:52

Tgt Ion:178 Resp: 2802887

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.1	22.7
179	15.9	12.4	18.6

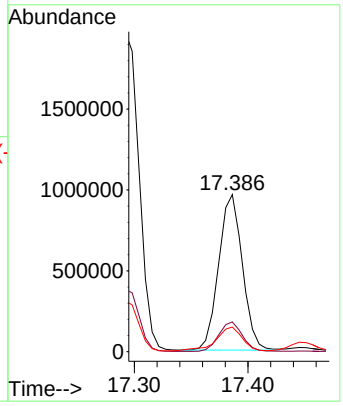




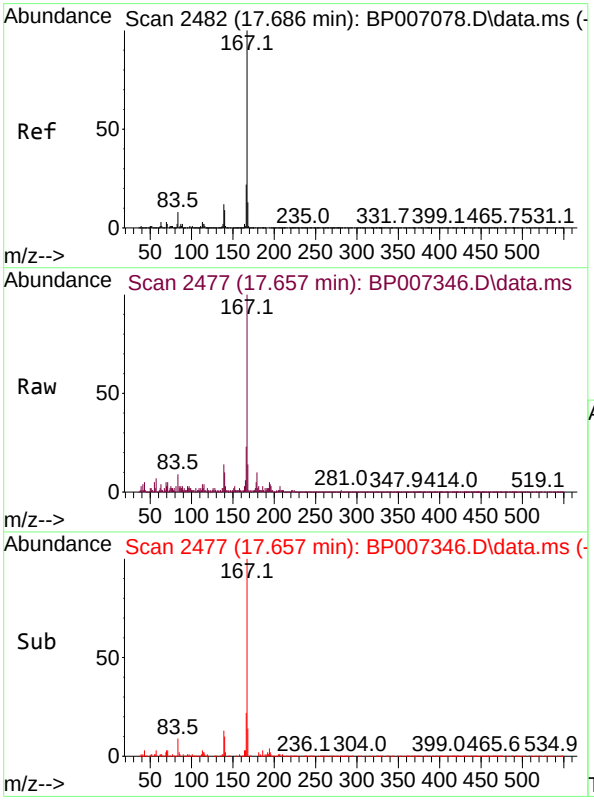
#72
Anthracene
Concen: 29.389 ng
RT: 17.386 min Scan# 2431
Delta R.T. 0.000 min
Lab File: BP007346.D
Acq: 06 Oct 2021 02:52

Tgt Ion:178 Resp: 1397228

Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.9	22.3
179	15.7	12.2	18.2



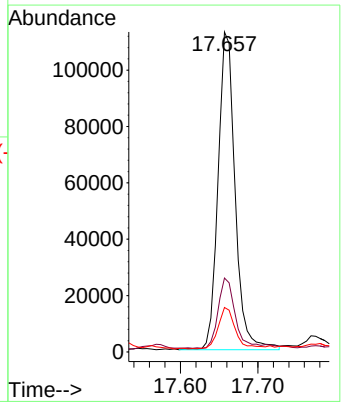
Instrument :
BNA_P
ClientSampleId :
SU-02-100421



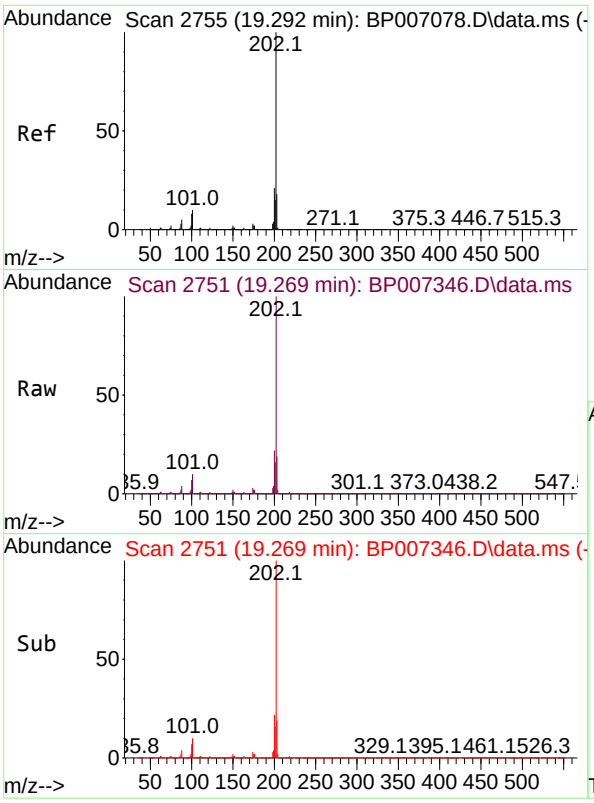
#73
Carbazole
Concen: 3.704 ng
RT: 17.657 min Scan# 2477
Delta R.T. -0.006 min
Lab File: BP007346.D
Acq: 06 Oct 2021 02:52

Tgt Ion:167 Resp: 172566

Ion	Ratio	Lower	Upper
167	100		
166	23.1	17.1	25.7
139	13.9	10.7	16.1



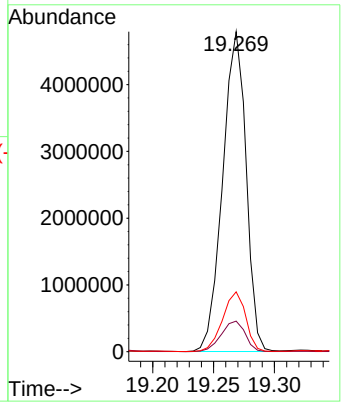
Instrument :
BNA_P
ClientSampleId :
SU-02-100421

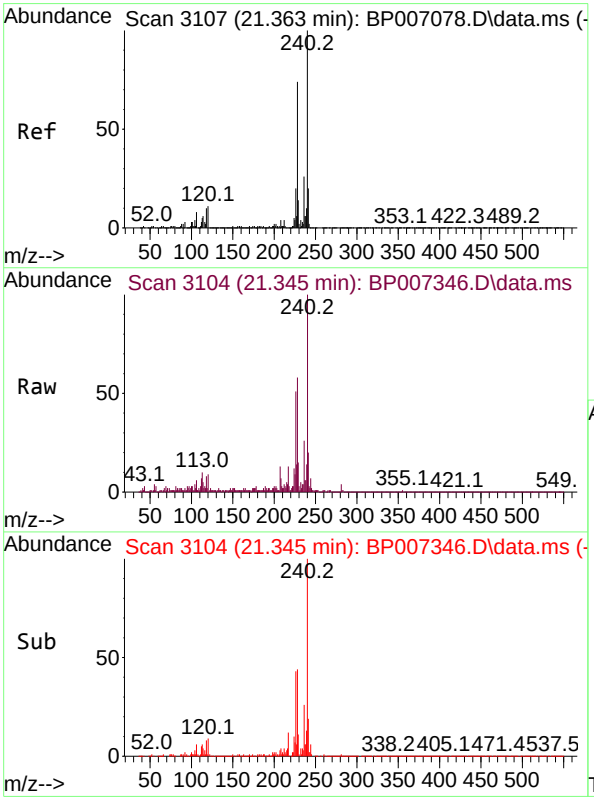


#75
Fluoranthene
Concen: 114.479 ng
RT: 19.269 min Scan# 2751
Delta R.T. 0.006 min
Lab File: BP007346.D
Acq: 06 Oct 2021 02:52

Tgt Ion:202 Resp: 6409960

Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	27.6
203	18.7	0.0	37.8

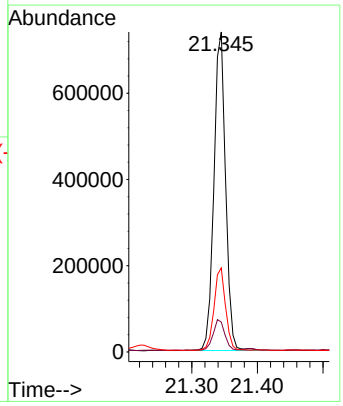




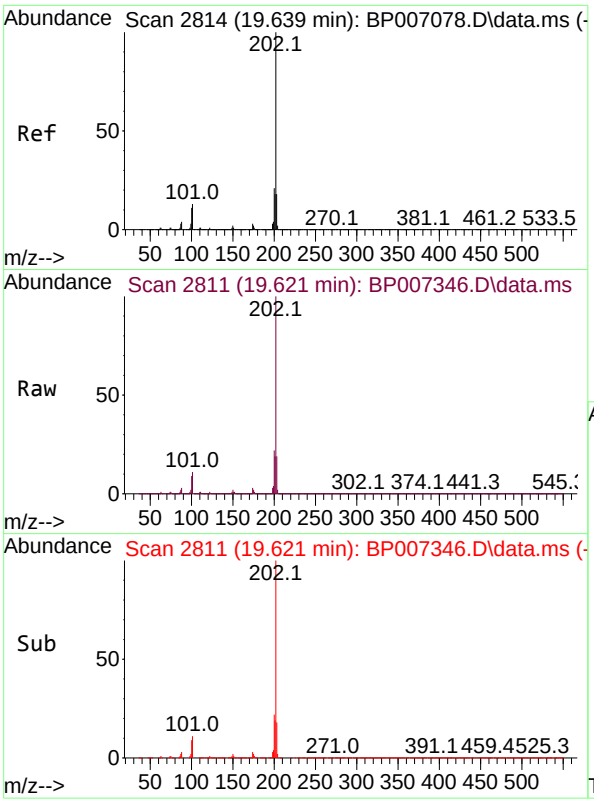
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.345 min Scan# 3104
Delta R.T. 0.006 min
Lab File: BP007346.D
Acq: 06 Oct 2021 02:52

Tgt Ion:240 Resp: 913145

Ion	Ratio	Lower	Upper
240	100		
120	9.4	6.5	9.7
236	26.2	20.6	31.0



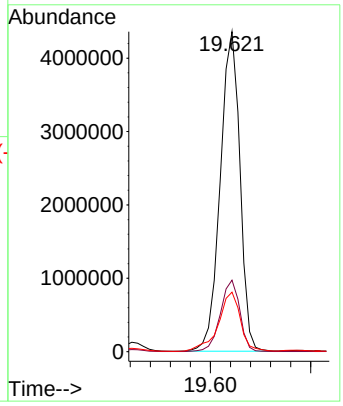
Instrument :
BNA_P
ClientSampleId :
SU-02-100421

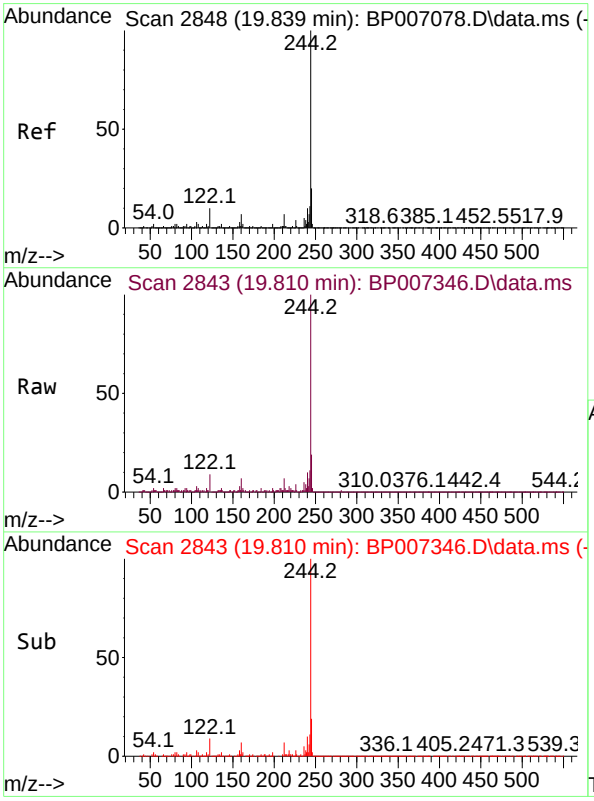


#78
Pyrene
Concen: 98.949 ng
RT: 19.621 min Scan# 2811
Delta R.T. 0.006 min
Lab File: BP007346.D
Acq: 06 Oct 2021 02:52

Tgt Ion:202 Resp: 5928095

Ion	Ratio	Lower	Upper
202	100		
200	22.4	16.3	24.5
203	18.6	14.2	21.2

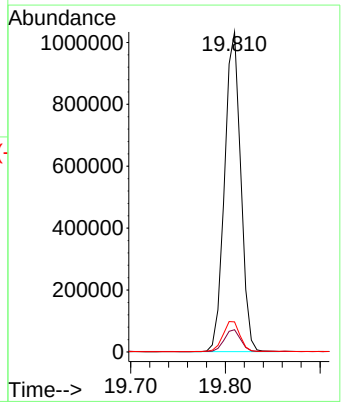




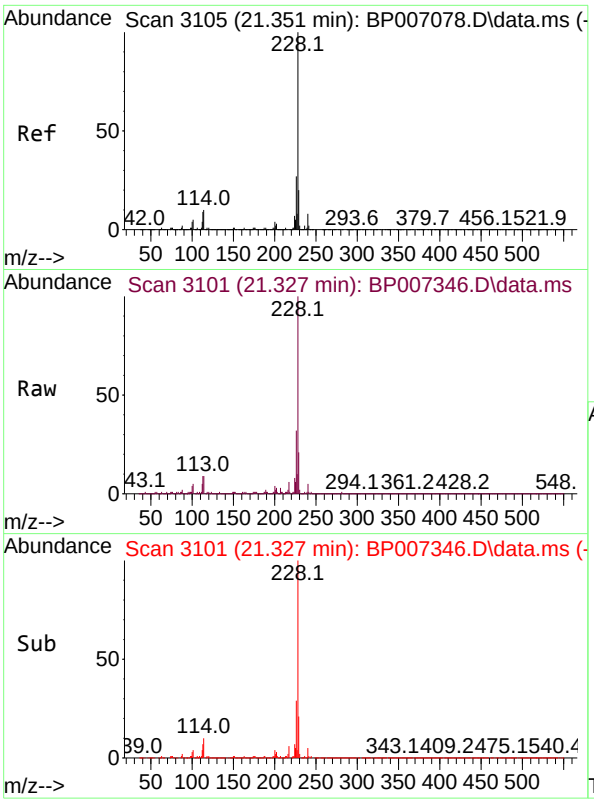
#79
Terphenyl-d14
Concen: 25.758 ng
RT: 19.810 min Scan# 2843
Delta R.T. 0.000 min
Lab File: BP007346.D
Acq: 06 Oct 2021 02:52

Tgt Ion:244 Resp: 1227413

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	9.4	7.1	10.7



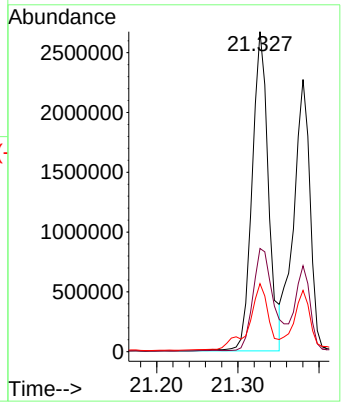
Instrument :
BNA_P
ClientSampleId :
SU-02-100421

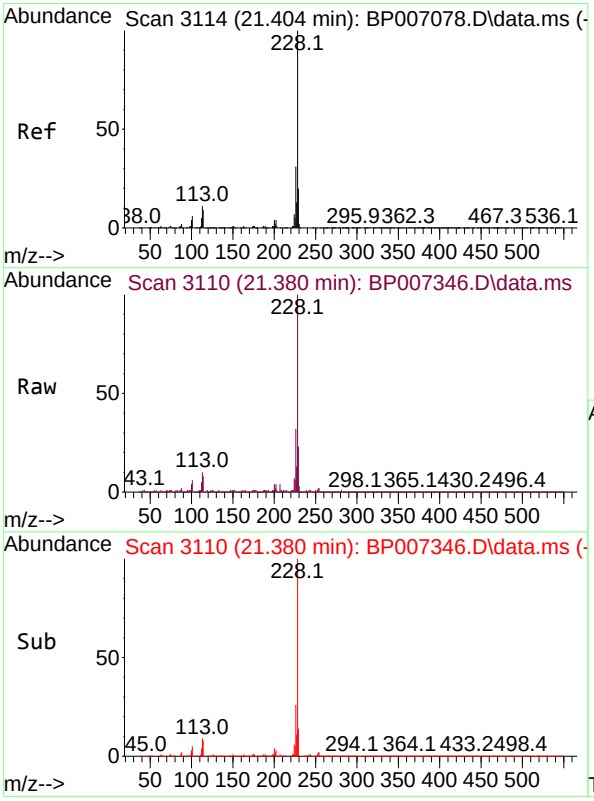


#81
Benzo(a)anthracene
Concen: 63.291 ng
RT: 21.327 min Scan# 3101
Delta R.T. 0.000 min
Lab File: BP007346.D
Acq: 06 Oct 2021 02:52

Tgt Ion:228 Resp: 3751371

Ion	Ratio	Lower	Upper
228	100		
226	32.3	21.6	32.4
229	21.2	15.8	23.6

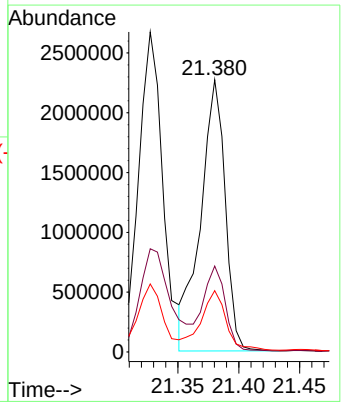




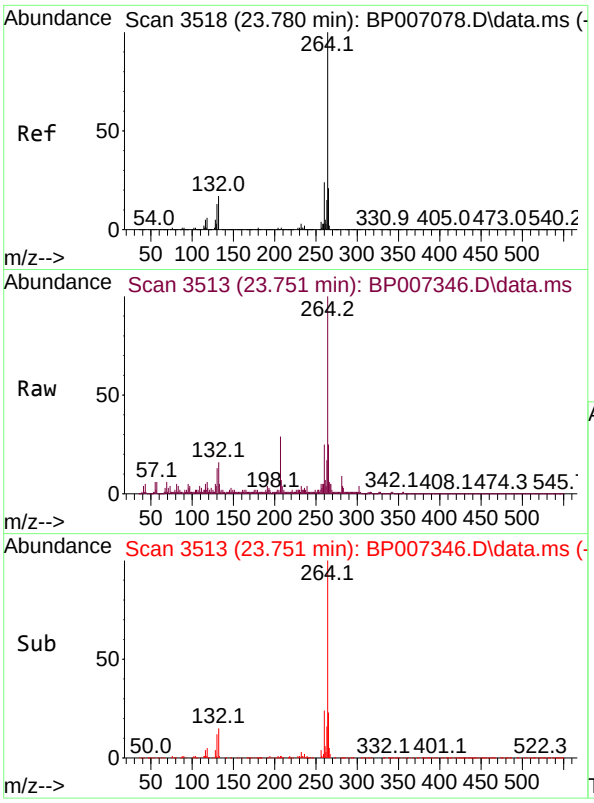
#83
Chrysene
Concen: 56.172 ng
RT: 21.380 min Scan# 3110
Delta R.T. 0.000 min
Lab File: BP007346.D
Acq: 06 Oct 2021 02:52

Tgt Ion:228 Resp: 3182034

Ion	Ratio	Lower	Upper
228	100		
226	31.6	23.8	35.6
229	22.5	15.4	23.2



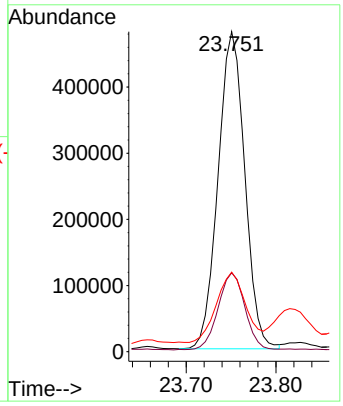
Instrument :
BNA_P
ClientSampleId :
SU-02-100421

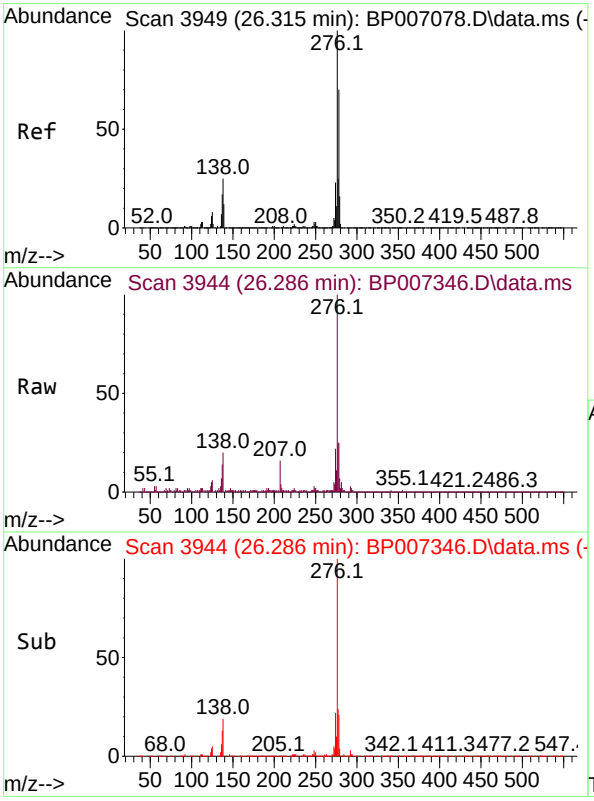


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.751 min Scan# 3513
Delta R.T. 0.006 min
Lab File: BP007346.D
Acq: 06 Oct 2021 02:52

Tgt Ion:264 Resp: 991906

Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.6	28.0
265	24.9	17.6	26.4

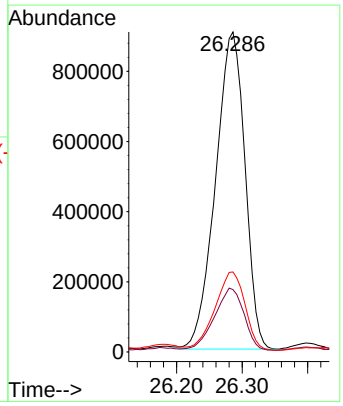




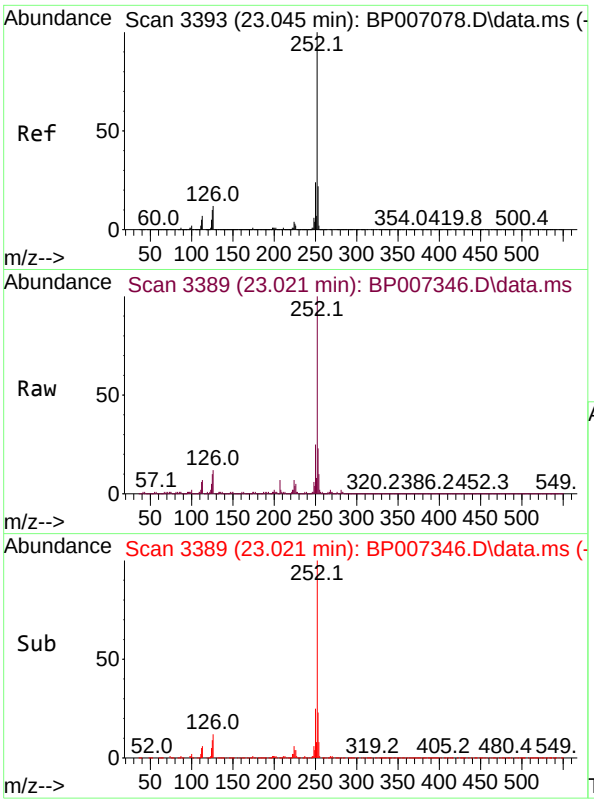
#87
Indeno(1,2,3-cd)pyrene
Concen: 39.468 ng
RT: 26.286 min Scan# 3944
Delta R.T. 0.018 min
Lab File: BP007346.D
Acq: 06 Oct 2021 02:52

Tgt Ion:276 Resp: 2813451

Ion	Ratio	Lower	Upper
276	100		
138	19.9	15.3	22.9
277	25.2	20.4	30.6



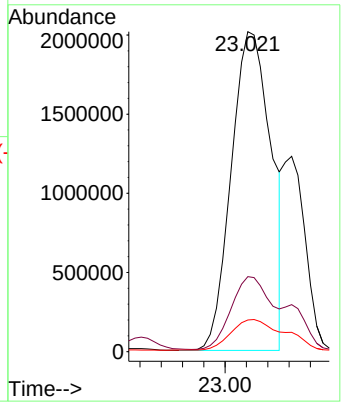
Instrument :
BNA_P
ClientSampleId :
SU-02-100421

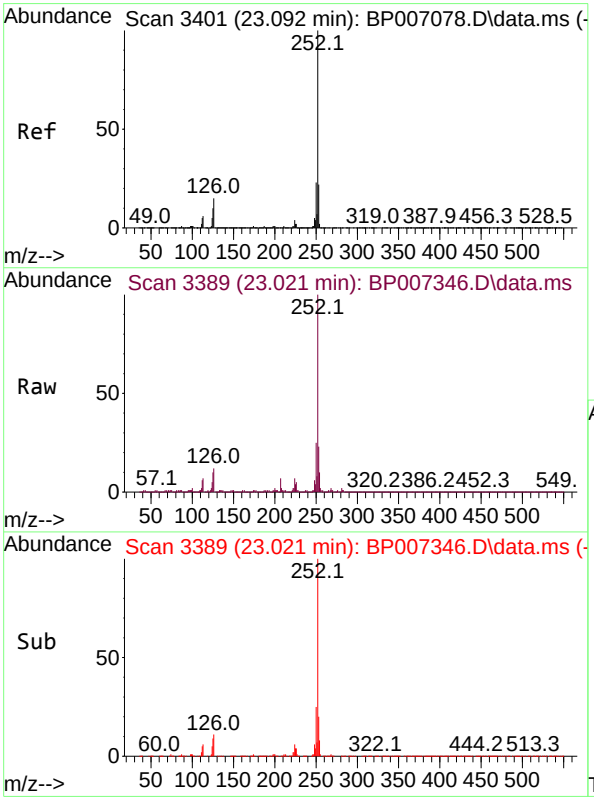


#88
Benzo(b)fluoranthene
Concen: 88.340 ng
RT: 23.021 min Scan# 3389
Delta R.T. 0.012 min
Lab File: BP007346.D
Acq: 06 Oct 2021 02:52

Tgt Ion:252 Resp: 5236656

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.5	26.3
125	9.9	6.2	9.4#

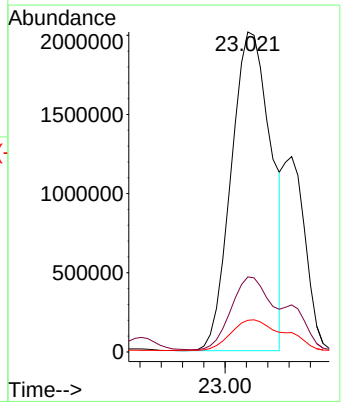




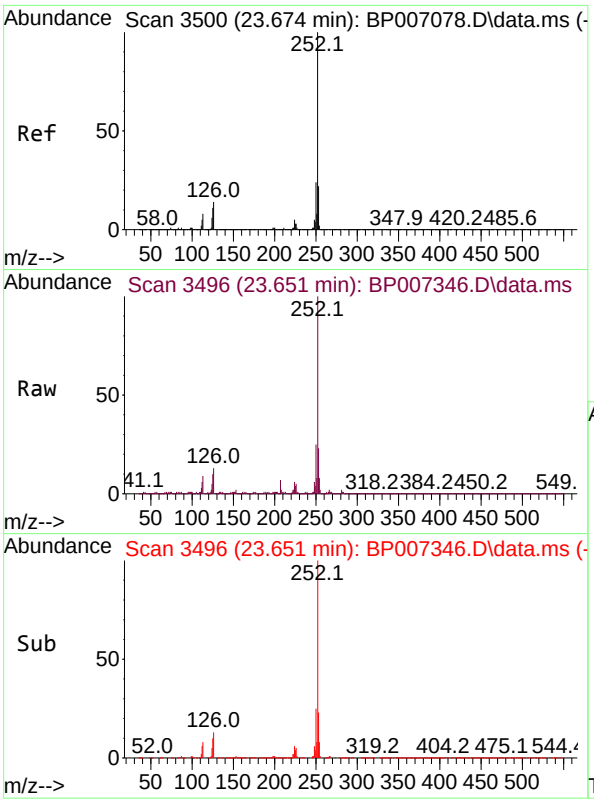
#89
Benzo(k)fluoranthene
Concen: 87.252 ng
RT: 23.021 min Scan# 3389
Delta R.T. -0.035 min
Lab File: BP007346.D
Acq: 06 Oct 2021 02:52

Tgt Ion:252 Resp: 5236656

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.6	26.4
125	9.9	6.0	9.0#



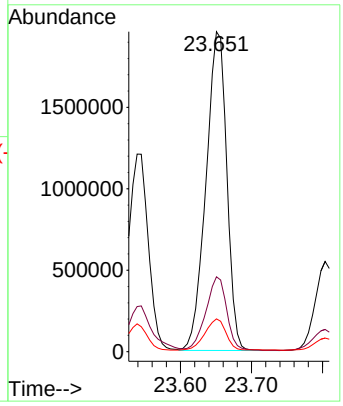
Instrument :
BNA_P
ClientSampleId :
SU-02-100421

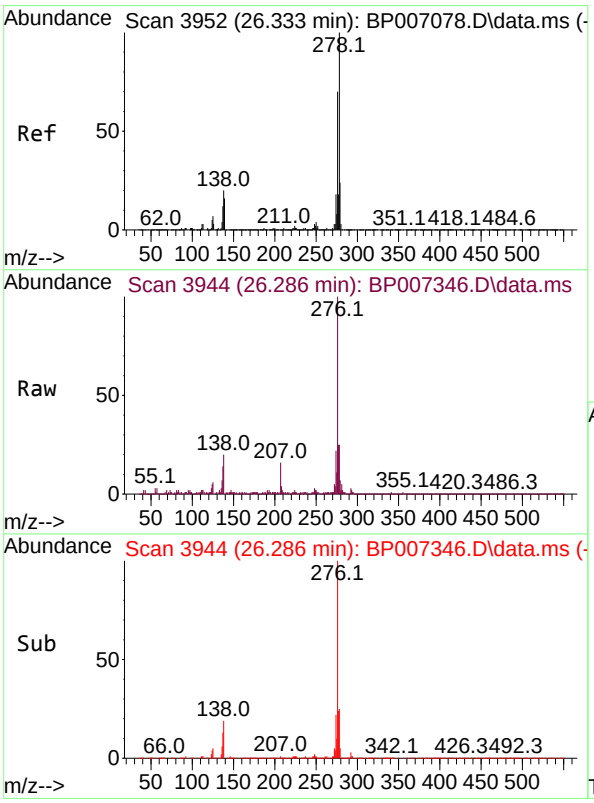


#90
Benzo(a)pyrene
Concen: 78.974 ng
RT: 23.651 min Scan# 3496
Delta R.T. 0.012 min
Lab File: BP007346.D
Acq: 06 Oct 2021 02:52

Tgt Ion:252 Resp: 3977271

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.9	26.9
125	10.3	6.5	9.7#

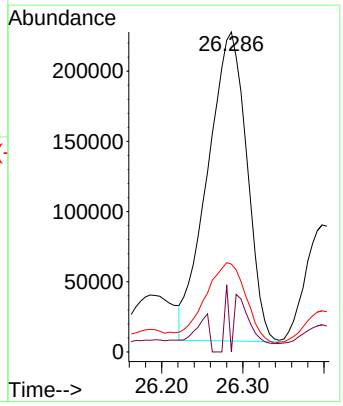


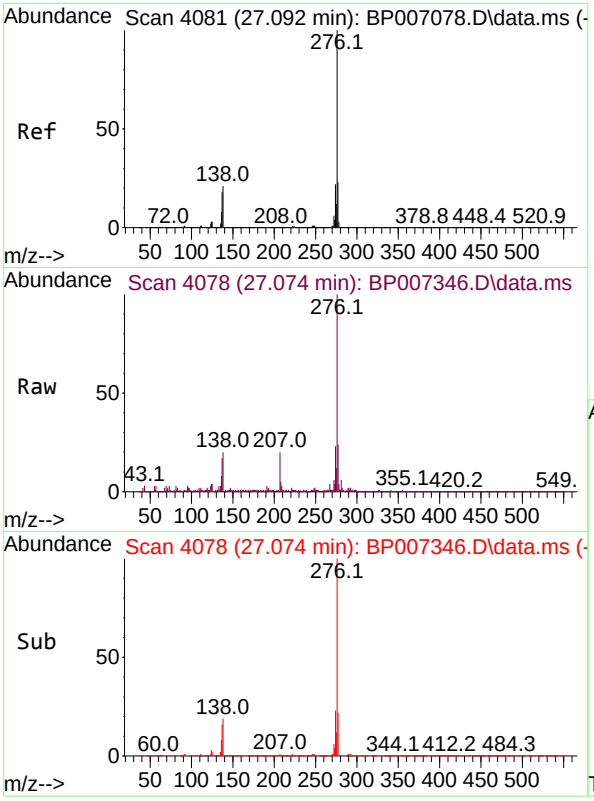


#91
Dibenzo(a,h)anthracene
Concen: 12.394 ng
RT: 26.286 min Scan# 3944
Delta R.T. 0.006 min
Lab File: BP007346.D
Acq: 06 Oct 2021 02:52

Tgt Ion:278 Resp: 740377

Ion	Ratio	Lower	Upper
278	100		
139	0.0	9.3	13.9#
279	27.4	18.8	28.2

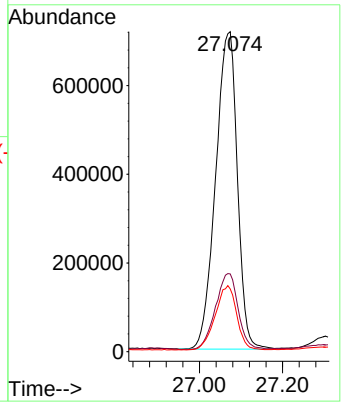




#92
Benzo(g,h,i)perylene
Concen: 44.531 ng
RT: 27.074 min Scan# 4078
Delta R.T. 0.030 min
Lab File: BP007346.D
Acq: 06 Oct 2021 02:52

Tgt Ion:276 Resp: 2596012

Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.9	28.3
138	19.6	12.6	18.8#



Instrument :
BNA_P
ClientSampleId :
SU-02-100421