Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062921\
Data File : BP006105.D
Acq On : 29 Jun 2021 23:10
Operator : CG/JU
Sample : M2886-05 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RBR-24

Quant Time: Jun 30 01:15:05 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 28 11:34:30 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.904	152	153740	20.00	ng		0.00
21) Naphthalene-d8	10.704	136	578097	20.00	ng		0.00
39) Acenaphthene-d10	14.534	164	332488	20.00	ng		0.00
64) Phenanthrene-d10	17.286	188	603258	20.00	ng		0.00
76) Chrysene-d12	21.363	240	507687	20.00	ng		0.00
86) Perylene-d12	23.768	264	597359	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	124152	12.96	ng		0.00
7) Phenol-d6	7.087	99	154499	12.44	ng		0.00
23) Nitrobenzene-d5	9.069	82	99024	8.40	ng		0.00
42) 2,4,6-Tribromophenol	16.028	330	66314	11.62	ng		0.00
45) 2-Fluorobiphenyl	13.157	172	239893	9.47	ng		0.00
79) Terphenyl-d14	19.827	244	291837	10.76	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	10.757	128	160496	4.80	ng		99
32) Benzoic acid	10.087	122	88	6.33	ng	#	51
37) 2-Methylnaphthalene	12.363	142	56551	2.37	ng		99
38) 1-Methylnaphthalene	12.581	142	52391	2.34	ng		98
41) Hexachlorocyclopentadiene	12.887	237	20	5.51	ng		93
52) Acenaphthene	14.598	154	329866	16.17	ng		98
54) 2,4-Dinitrophenol	14.681	184	30	4.86	ng	#	1
55) Dibenzofuran	14.934	168	287747	8.58	ng		99
56) 4-Nitrophenol	14.928	139	112150	22.98	ng	#	5
58) Fluorene	15.581	166	333566	12.76	ng		98
71) Phenanthrene	17.333	178	5776115	159.44	ng		99
72) Anthracene	17.416	178	1246799	34.97	ng		99
73) Carbazole	17.692	167	578248	16.89	ng		99
75) Fluoranthene	19.304	202	7591828	172.56	ng		98
78) Pyrene	19.651	202	6627002	186.98	ng		97
81) Benzo(a)anthracene	21.351	228	3418404	93.28	ng		98
83) Chrysene	21.404	228	3176424	89.49	ng		97
87) Indeno(1,2,3-cd)pyrene	26.315	276	2580685	50.52	ng		98
88) Benzo(b)fluoranthene	23.039	252	4517605	110.42	ng		97
89) Benzo(k)fluoranthene	23.039	252	4517605	113.87	ng		97
90) Benzo(a)pyrene	23.668	252	3384452	87.99	ng		98
91) Dibenzo(a,h)anthracene	26.309	278	656136	14.92	ng	#	86
92) Benzo(g,h,i)perylene	27.092	276	2486398	57.25	ng		97

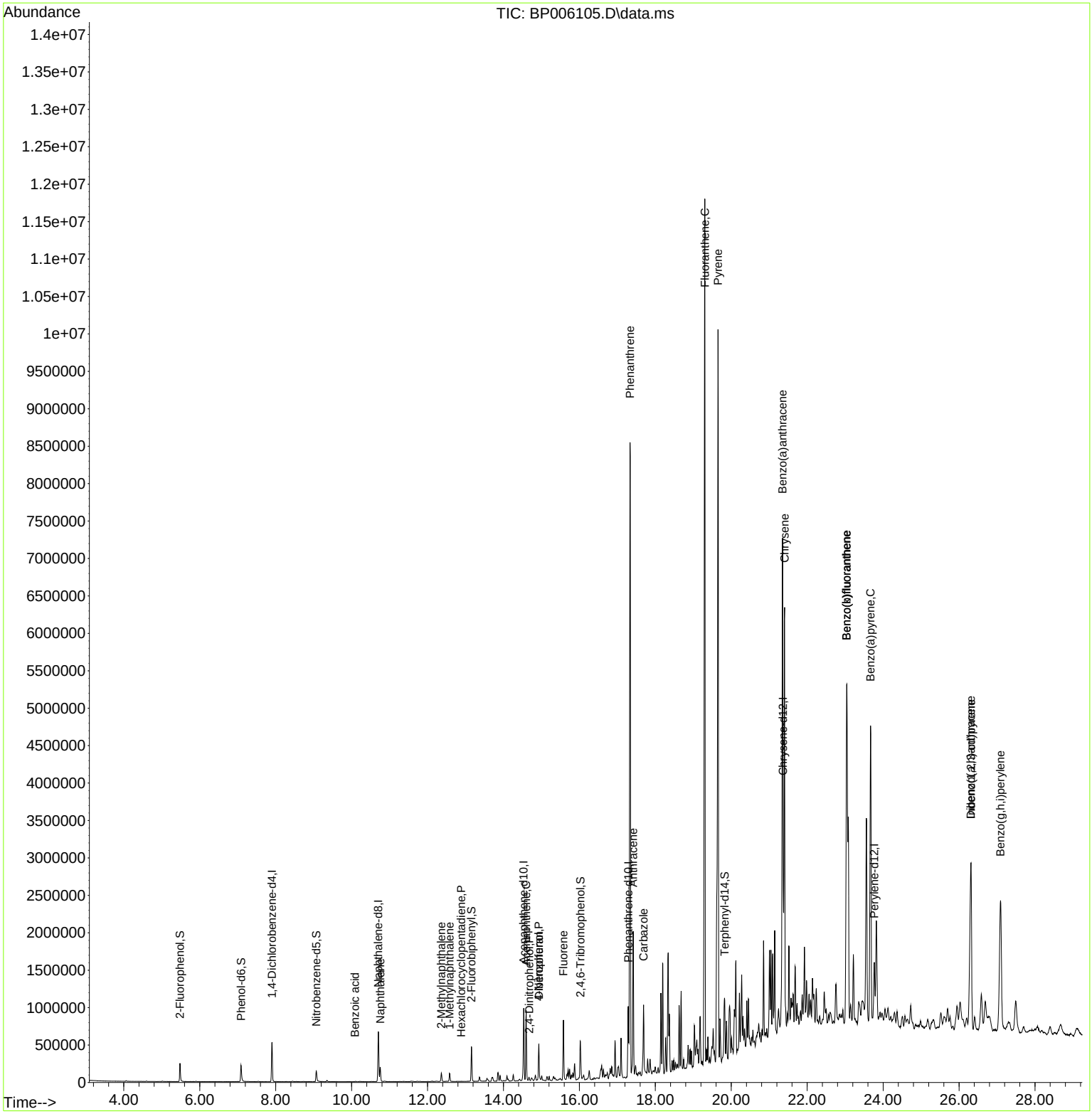
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

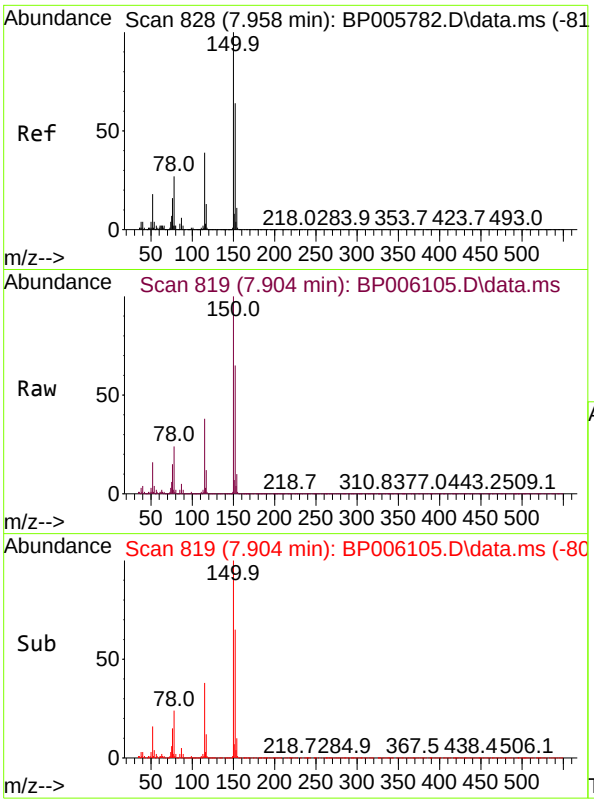
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062921\
Data File : BP006105.D
Acq On : 29 Jun 2021 23:10
Operator : CG/JU
Sample : M2886-05 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RBR-24

Quant Time: Jun 30 01:15:05 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 28 11:34:30 2021
Response via : Initial Calibration



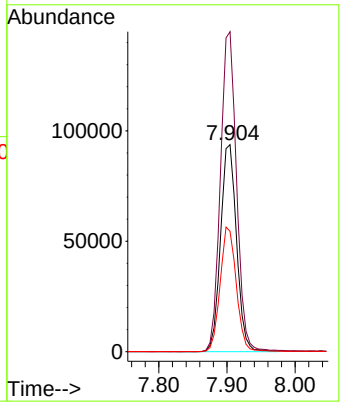
Instrument :
BNA_P
ClientSampleId :
RBR-24

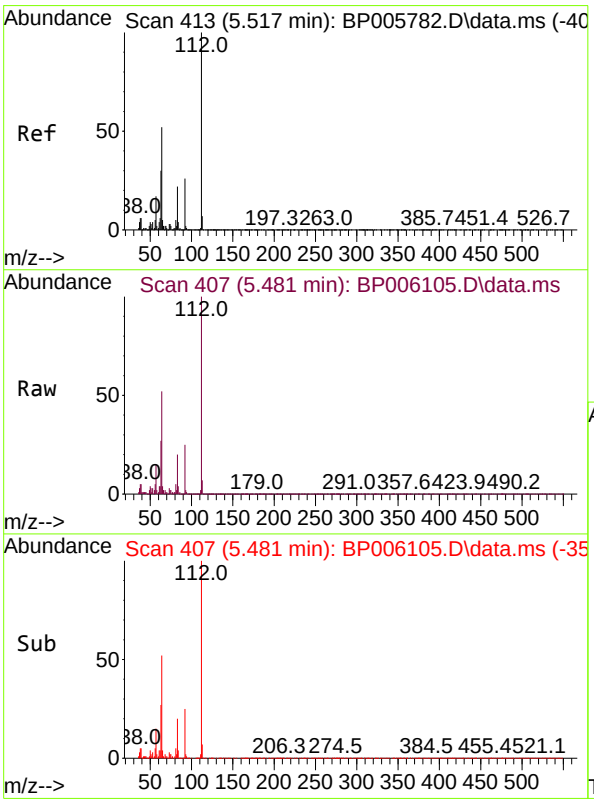


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.904 min Scan# 819
Delta R.T. -0.001 min
Lab File: BP006105.D
Acq: 29 Jun 2021 23:10

Tgt Ion:152 Resp: 153740

Ion	Ratio	Lower	Upper
152	100		
150	154.5	125.6	188.4
115	58.1	48.5	72.7

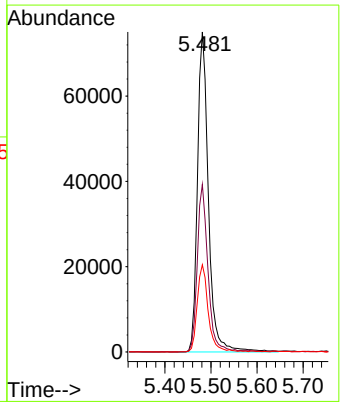




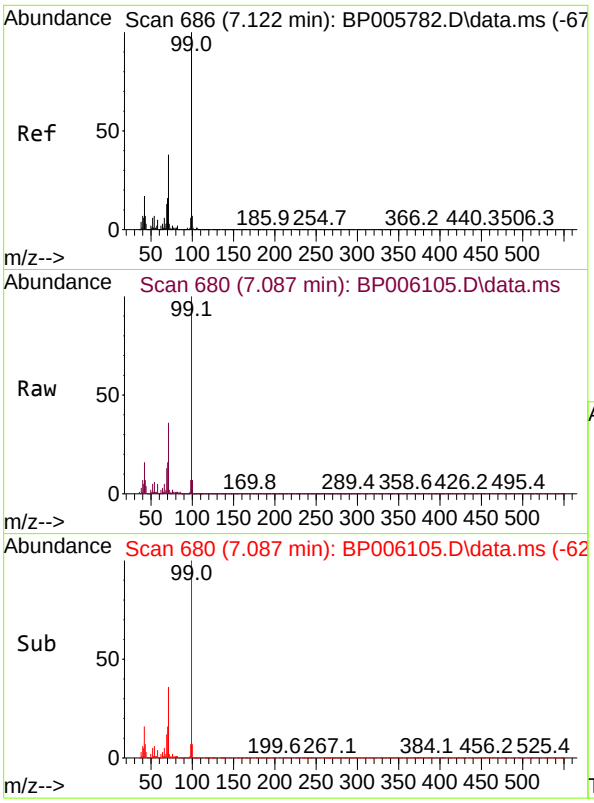
#5
2-Fluorophenol
Concen: 12.96 ng
RT: 5.481 min Scan# 407
Delta R.T. 0.006 min
Lab File: BP006105.D
Acq: 29 Jun 2021 23:10

Tgt Ion:112 Resp: 124152

Ion	Ratio	Lower	Upper
112	100		
64	52.4	41.4	62.2
63	27.2	23.8	35.8



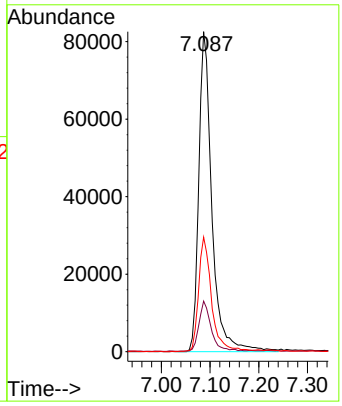
Instrument :
BNA_P
ClientSampleId :
RBR-24

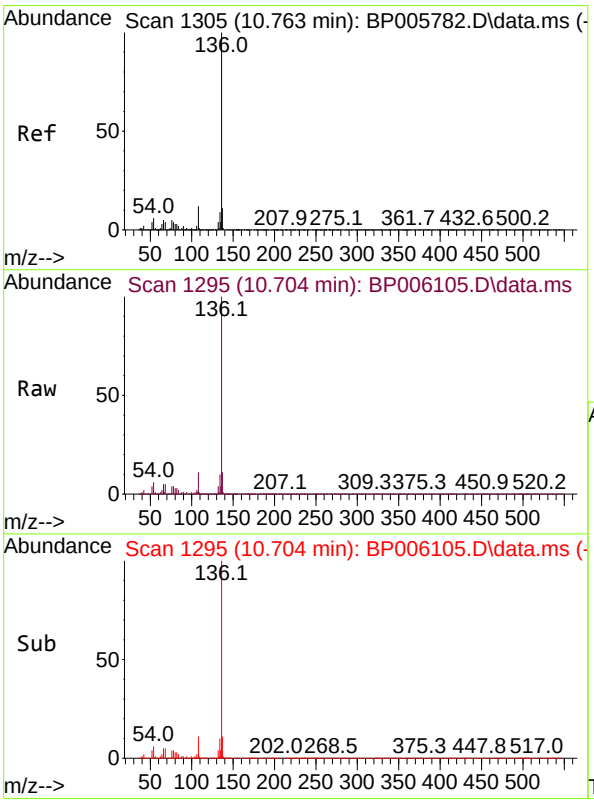


#7
Phenol-d6
Concen: 12.44 ng
RT: 7.087 min Scan# 680
Delta R.T. 0.006 min
Lab File: BP006105.D
Acq: 29 Jun 2021 23:10

Tgt Ion: 99 Resp: 154499

Ion	Ratio	Lower	Upper
99	100		
42	15.8	13.4	20.0
71	35.8	30.6	46.0

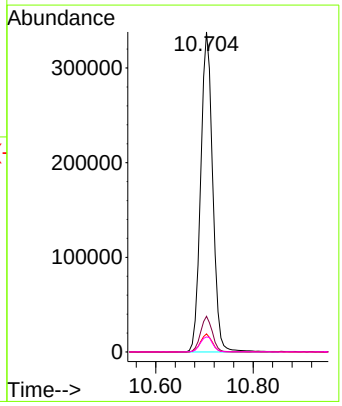


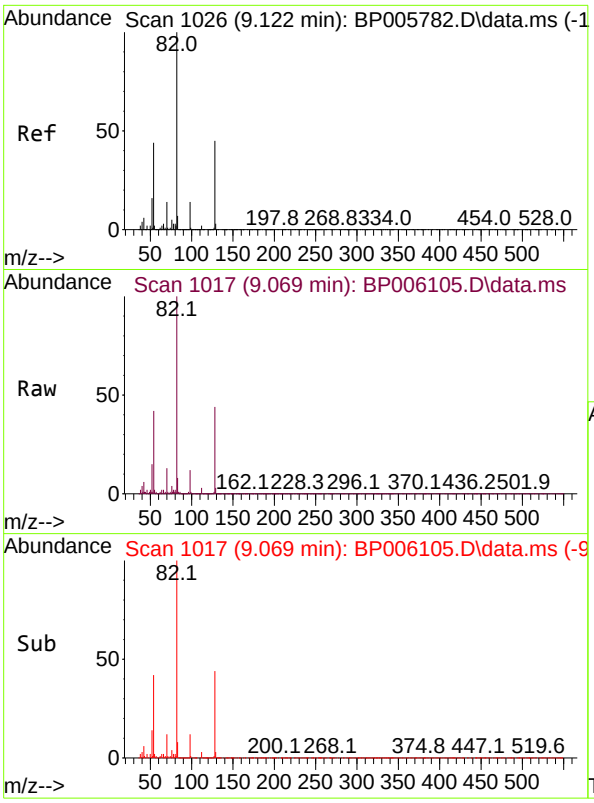


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP006105.D
Acq: 29 Jun 2021 23:10

Tgt Ion:136 Resp: 578097

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	5.7	4.6	6.8
68	4.7	3.6	5.4

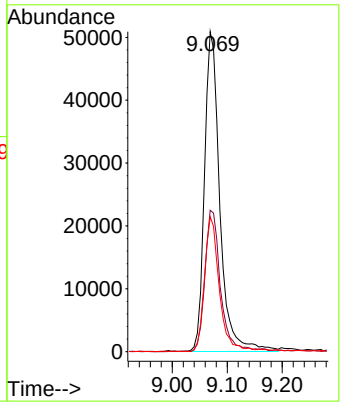




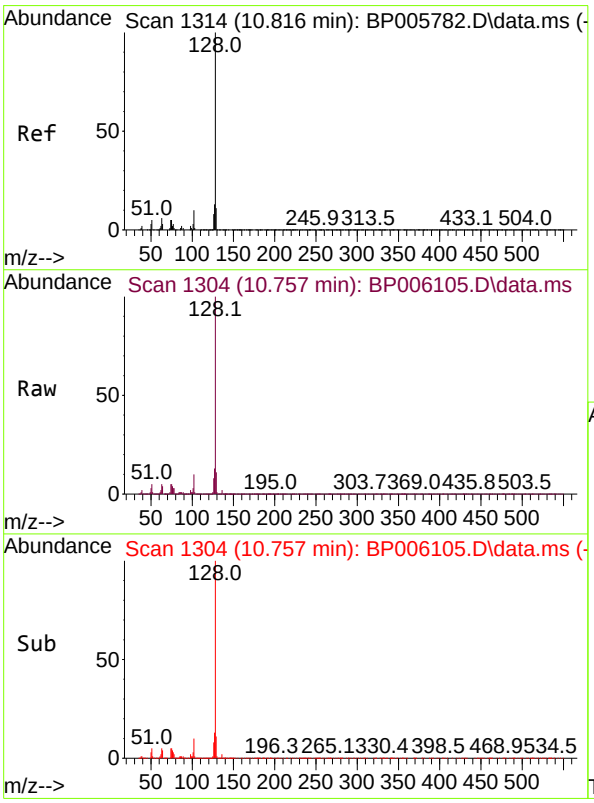
#23
Nitrobenzene-d5
Concen: 8.40 ng
RT: 9.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BP006105.D
Acq: 29 Jun 2021 23:10

Tgt Ion: 82 Resp: 99024

Ion	Ratio	Lower	Upper
82	100		
128	44.2	35.7	53.5
54	42.1	35.0	52.4



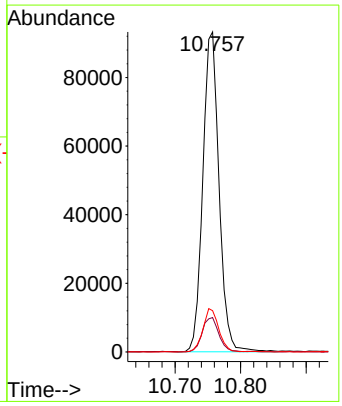
Instrument :
BNA_P
ClientSampleId :
RBR-24



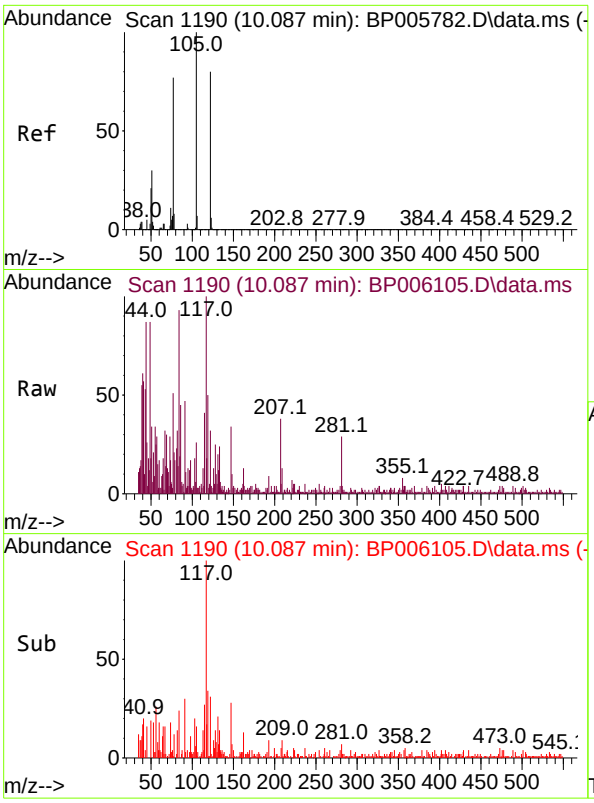
#31
Naphthalene
Concen: 4.80 ng
RT: 10.757 min Scan# 1304
Delta R.T. -0.000 min
Lab File: BP006105.D
Acq: 29 Jun 2021 23:10

Tgt Ion:128 Resp: 160496

Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.0	13.6
127	12.9	10.7	16.1



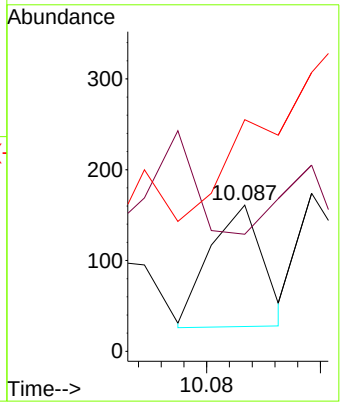
Instrument :
BNA_P
ClientSampleId :
RBR-24

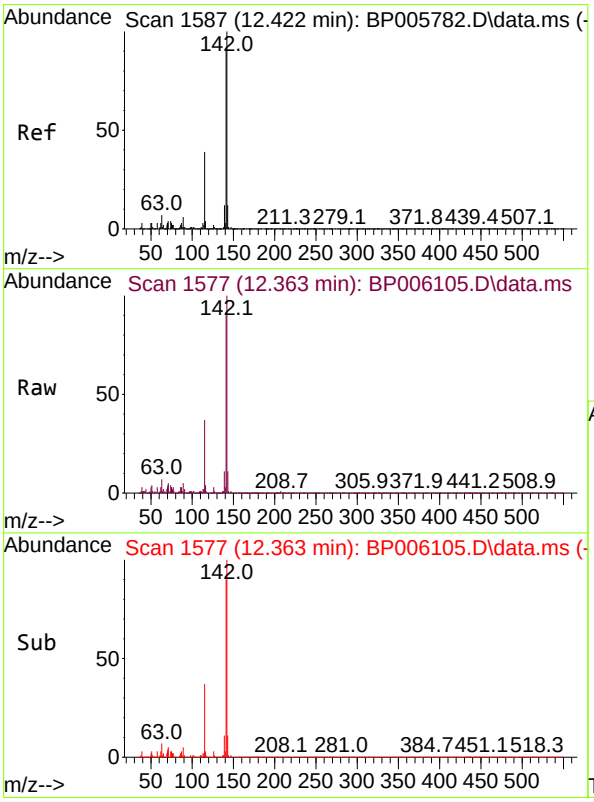


#32
Benzoic acid
Concen: 6.33 ng
RT: 10.087 min Scan# 1190
Delta R.T. 0.006 min
Lab File: BP006105.D
Acq: 29 Jun 2021 23:10

Tgt Ion:122 Resp: 88

Ion	Ratio	Lower	Upper
122	100		
105	80.1	103.2	143.2#
77	158.4	76.2	116.2#

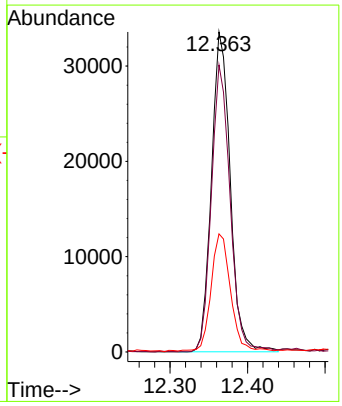




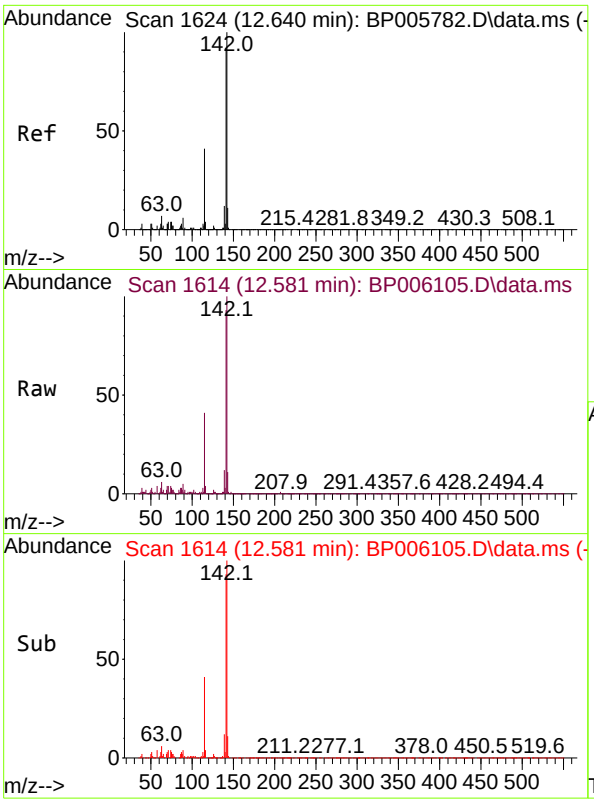
#37
2-Methylnaphthalene
Concen: 2.37 ng
RT: 12.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BP006105.D
Acq: 29 Jun 2021 23:10

Tgt Ion:142 Resp: 56551

Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.8	107.6
115	36.9	31.6	47.4



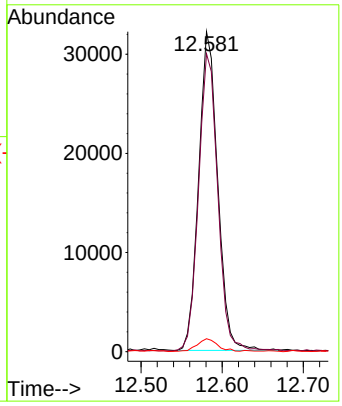
Instrument :
BNA_P
ClientSampleId :
RBR-24

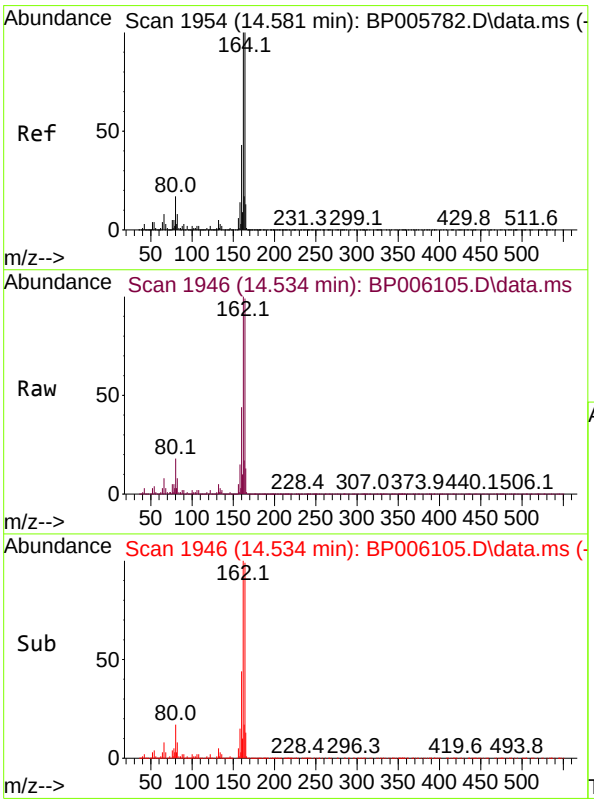


#38
1-Methylnaphthalene
Concen: 2.34 ng
RT: 12.581 min Scan# 1614
Delta R.T. -0.006 min
Lab File: BP006105.D
Acq: 29 Jun 2021 23:10

Tgt Ion:142 Resp: 52391

Ion	Ratio	Lower	Upper
142	100		
141	93.1	73.3	109.9
116	4.0	3.5	5.3

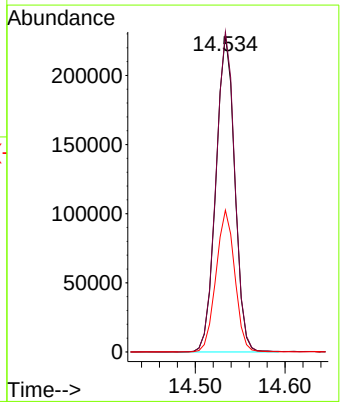




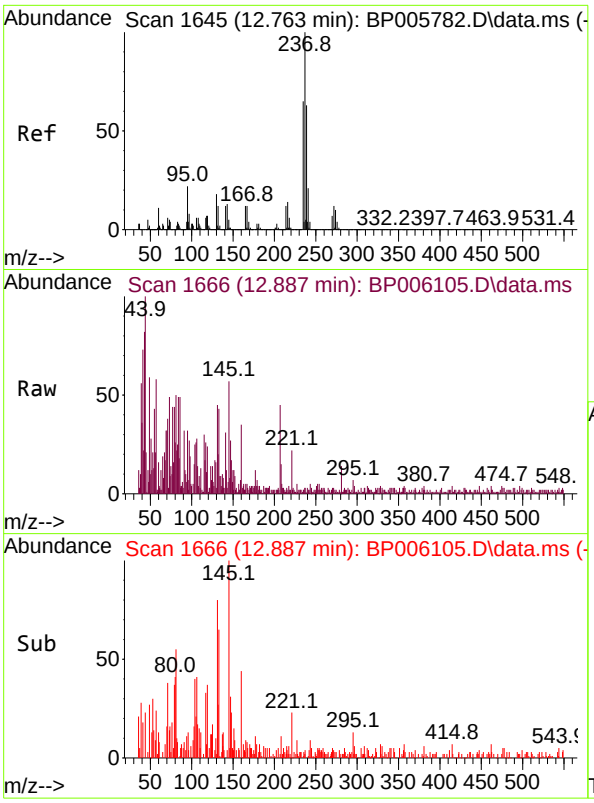
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.534 min Scan# 1946
Delta R.T. -0.000 min
Lab File: BP006105.D
Acq: 29 Jun 2021 23:10

Tgt Ion:164 Resp: 332488

Ion	Ratio	Lower	Upper
164	100		
162	101.0	80.2	120.2
160	44.7	34.5	51.7



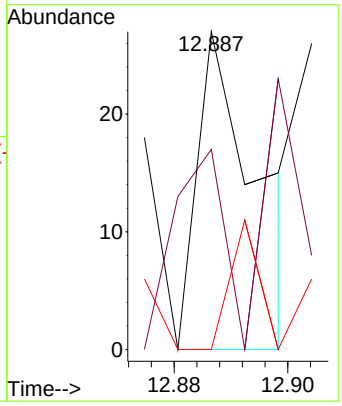
Instrument :
BNA_P
ClientSampleId :
RBR-24

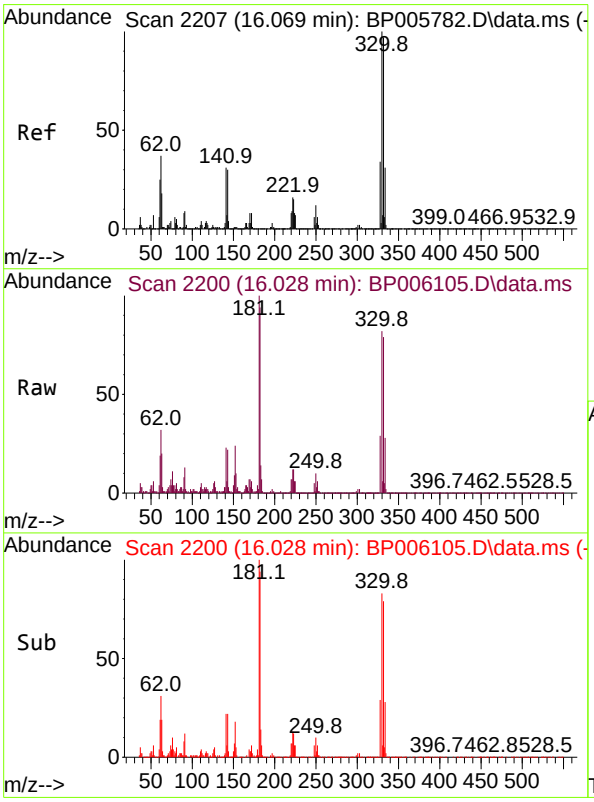


#41
Hexachlorocyclopentadiene
Concen: 5.51 ng
RT: 12.887 min Scan# 1666
Delta R.T. 0.176 min
Lab File: BP006105.D
Acq: 29 Jun 2021 23:10

Tgt Ion:237 Resp: 20

Ion	Ratio	Lower	Upper
237	100		
235	63.0	44.5	84.5
272	0.0	0.0	32.5

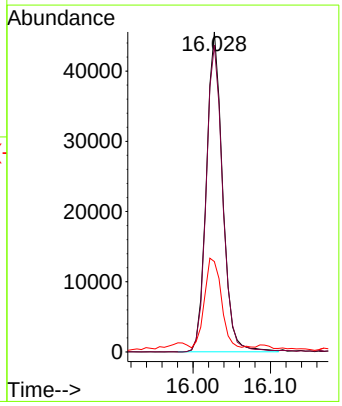




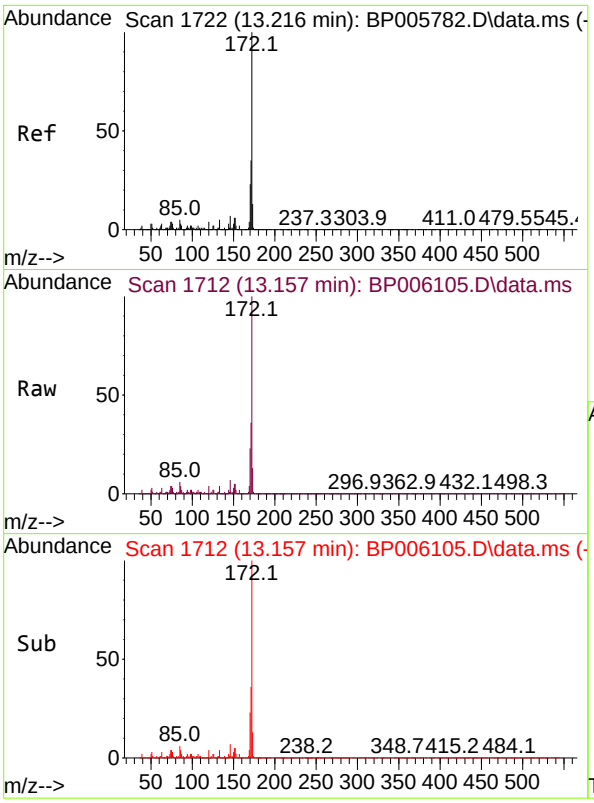
#42
2,4,6-Tribromophenol
Concen: 11.62 ng
RT: 16.028 min Scan# 2200
Delta R.T. -0.000 min
Lab File: BP006105.D
Acq: 29 Jun 2021 23:10

Tgt Ion:330 Resp: 66314

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.8	116.8
141	30.4	25.4	38.2



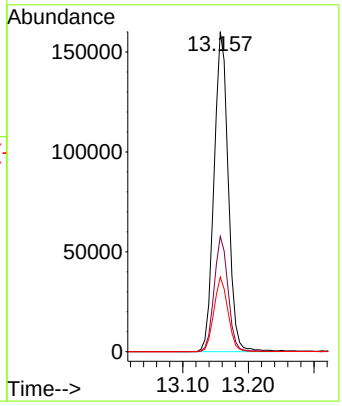
Instrument :
BNA_P
ClientSampleId :
RBR-24

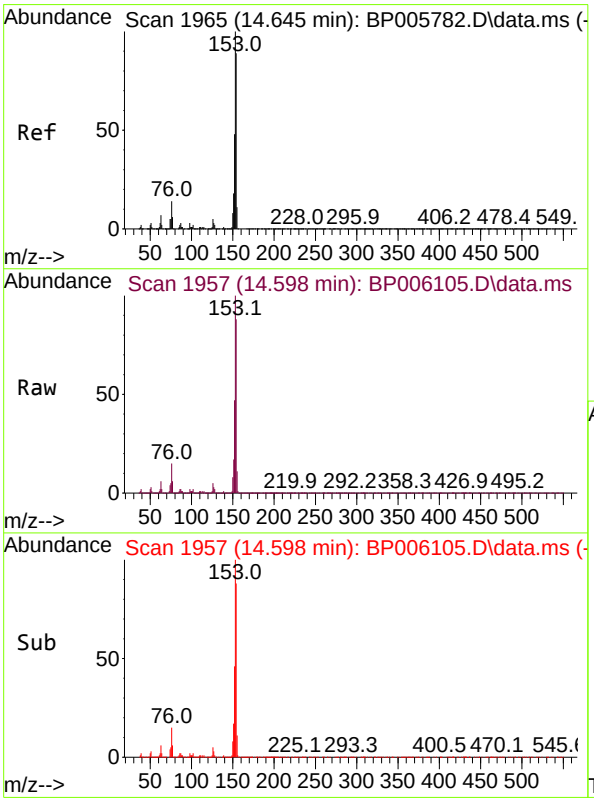


#45
2-Fluorobiphenyl
Concen: 9.47 ng
RT: 13.157 min Scan# 1712
Delta R.T. -0.006 min
Lab File: BP006105.D
Acq: 29 Jun 2021 23:10

Tgt Ion:172 Resp: 239893

Ion	Ratio	Lower	Upper
172	100		
171	36.0	27.9	41.9
170	23.3	18.6	27.8

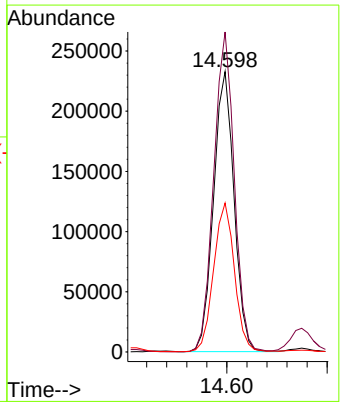




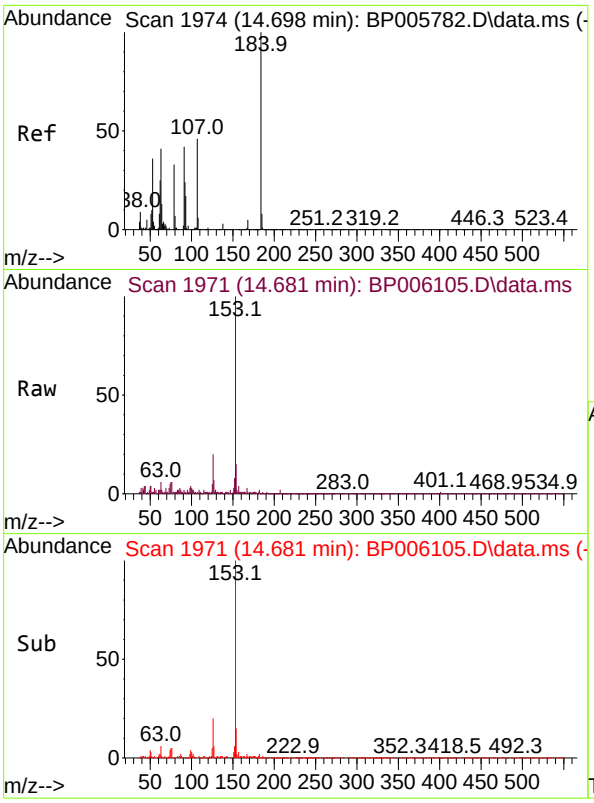
#52
Acenaphthene
Concen: 16.17 ng
RT: 14.598 min Scan# 1957
Delta R.T. -0.000 min
Lab File: BP006105.D
Acq: 29 Jun 2021 23:10

Tgt Ion:154 Resp: 329866

Ion	Ratio	Lower	Upper
154	100		
153	114.2	89.4	134.2
152	53.2	43.0	64.4



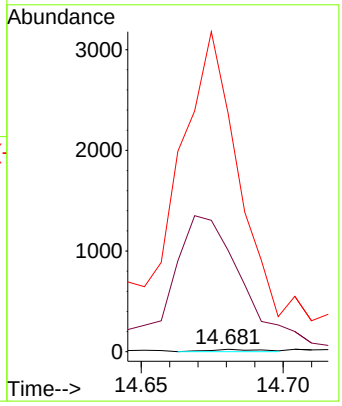
Instrument :
BNA_P
ClientSampleId :
RBR-24

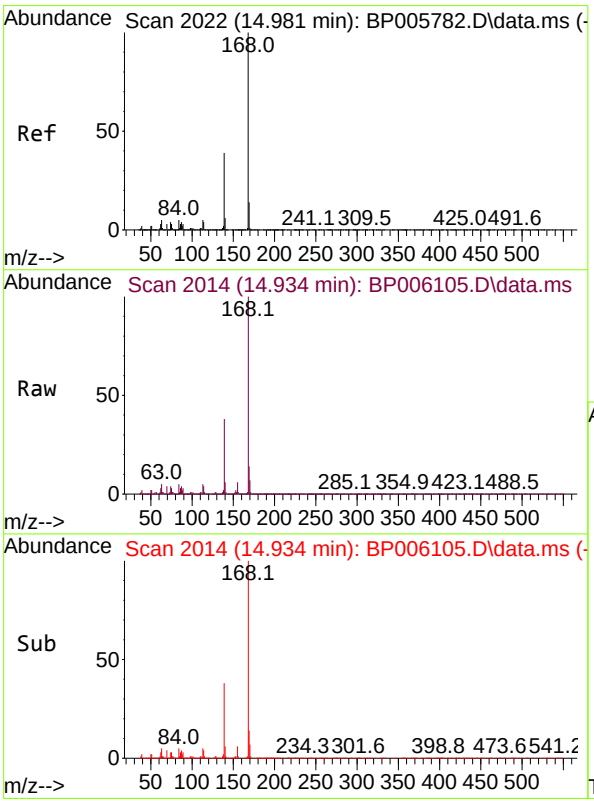


#54
2,4-Dinitrophenol
Concen: 4.86 ng
RT: 14.681 min Scan# 1971
Delta R.T. 0.006 min
Lab File: BP006105.D
Acq: 29 Jun 2021 23:10

Tgt Ion:184 Resp: 30

Ion	Ratio	Lower	Upper
184	100		
63	4028.0	47.0	70.6#
154	9468.0	52.3	78.5#

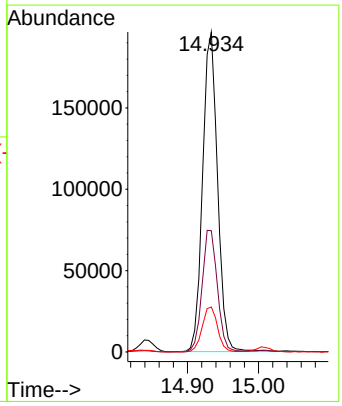


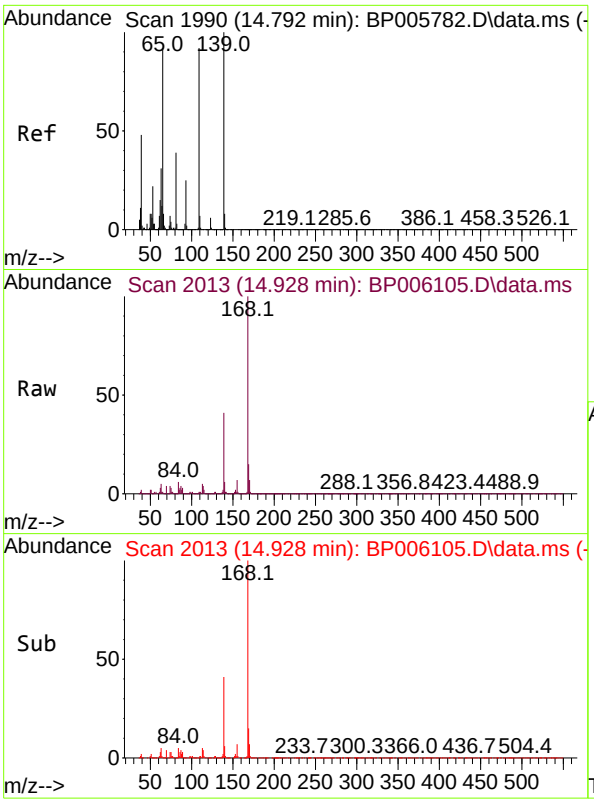


#55
Dibenzofuran
Concen: 8.58 ng
RT: 14.934 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BP006105.D
Acq: 29 Jun 2021 23:10

Tgt Ion:168 Resp: 287747

Ion	Ratio	Lower	Upper
168	100		
139	37.9	31.0	46.6
169	14.1	10.8	16.2

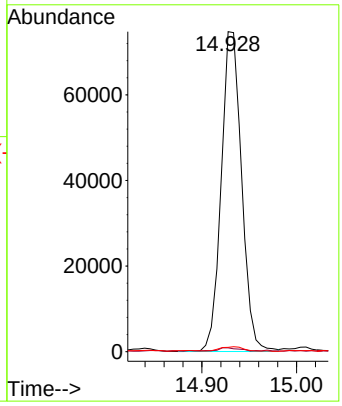




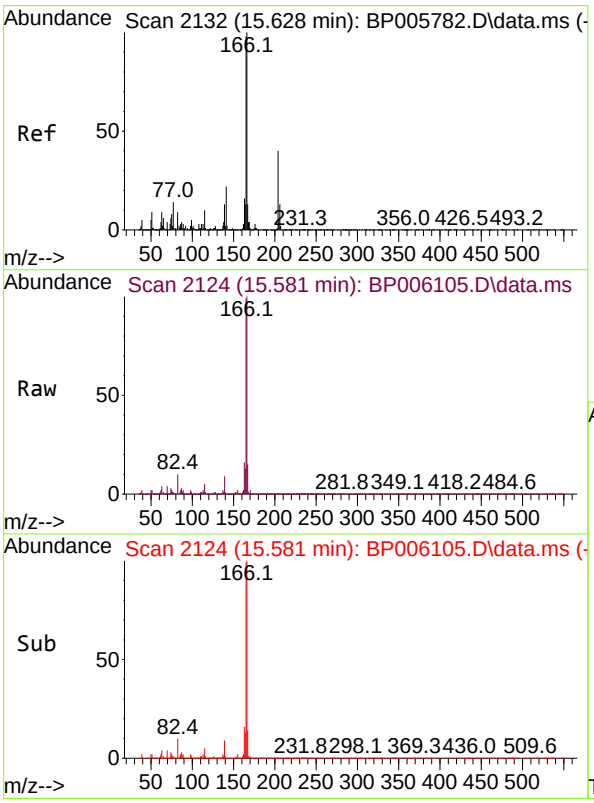
#56
4-Nitrophenol
Concen: 22.98 ng
RT: 14.928 min Scan# 2013
Delta R.T. 0.147 min
Lab File: BP006105.D
Acq: 29 Jun 2021 23:10

Tgt Ion:139 Resp: 112150

Ion	Ratio	Lower	Upper
139	100		
109	1.2	72.3	112.3#
65	1.4	72.5	112.5#



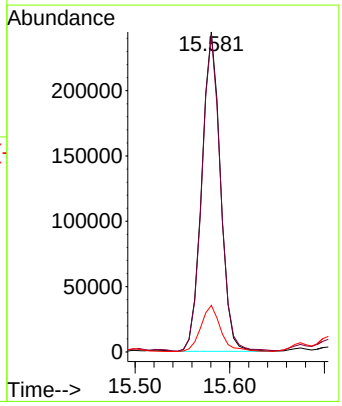
Instrument :
BNA_P
ClientSampleId :
RBR-24



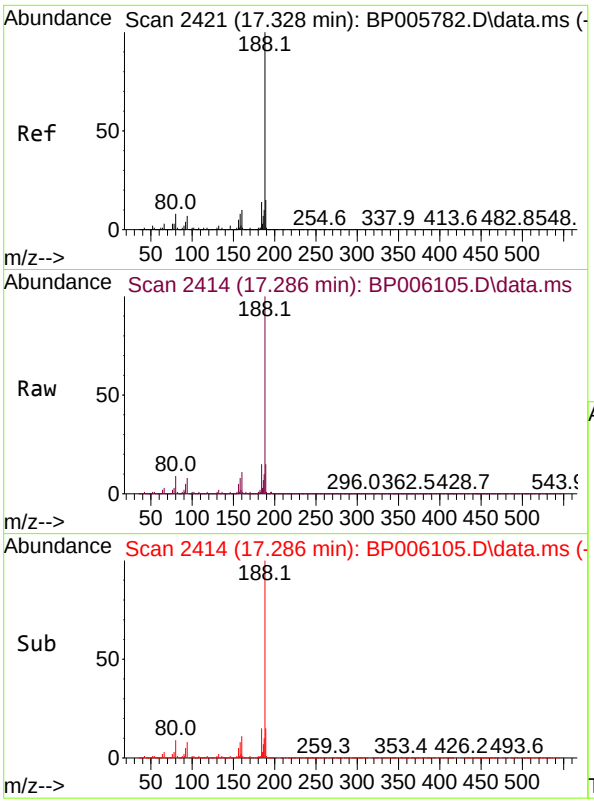
#58
Fluorene
Concen: 12.76 ng
RT: 15.581 min Scan# 2124
Delta R.T. -0.000 min
Lab File: BP006105.D
Acq: 29 Jun 2021 23:10

Tgt Ion:166 Resp: 333566

Ion	Ratio	Lower	Upper
166	100		
165	99.1	78.0	117.0
167	14.5	10.5	15.7



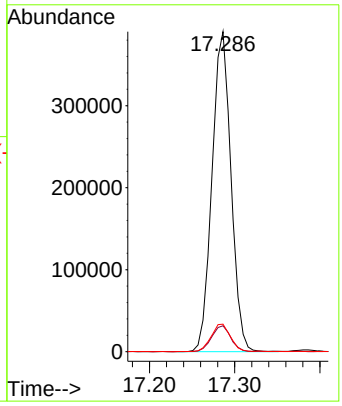
Instrument :
BNA_P
ClientSampleId :
RBR-24

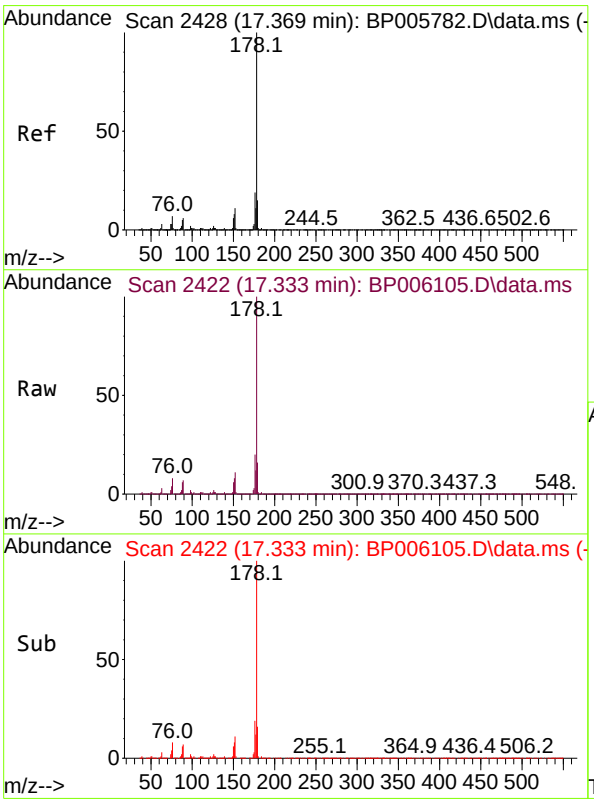


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.286 min Scan# 2414
Delta R.T. 0.006 min
Lab File: BP006105.D
Acq: 29 Jun 2021 23:10

Tgt Ion:188 Resp: 603258

Ion	Ratio	Lower	Upper
188	100		
94	8.1	5.6	8.4
80	8.6	6.3	9.5

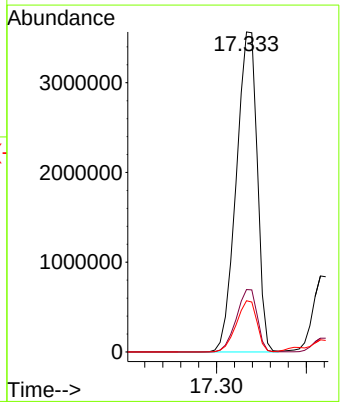




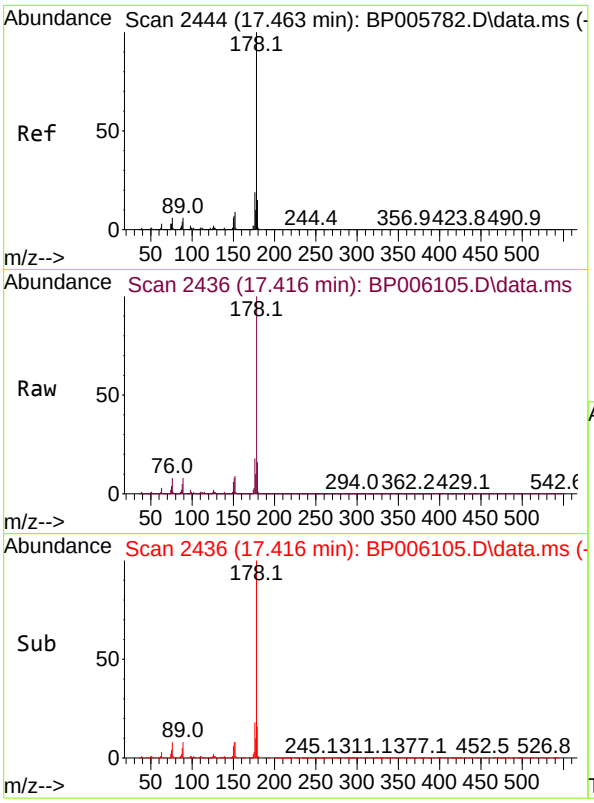
#71
Phenanthrene
Concen: 159.44 ng
RT: 17.333 min Scan# 2422
Delta R.T. 0.006 min
Lab File: BP006105.D
Acq: 29 Jun 2021 23:10

Tgt Ion:178 Resp: 5776115

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.1	22.7
179	16.0	12.4	18.6



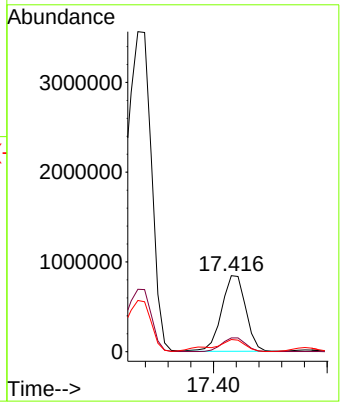
Instrument :
BNA_P
ClientSampleId :
RBR-24

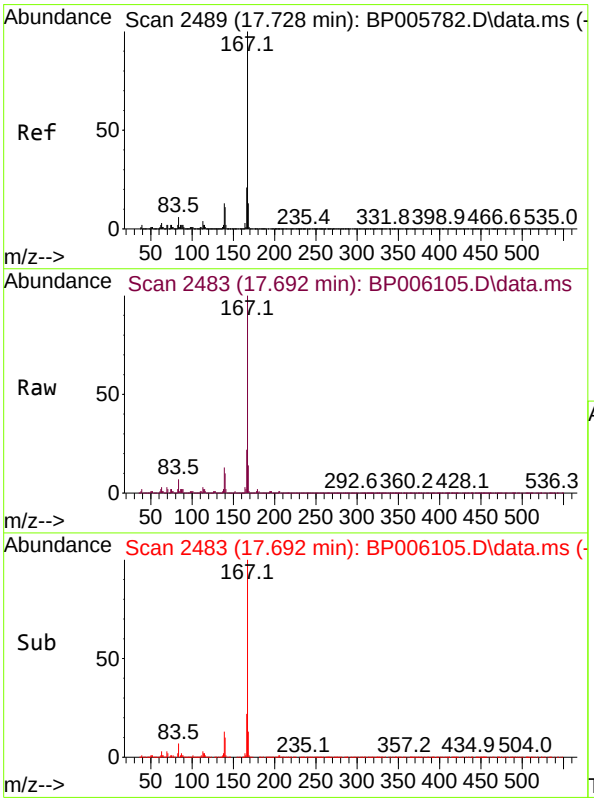


#72
Anthracene
Concen: 34.97 ng
RT: 17.416 min Scan# 2436
Delta R.T. -0.000 min
Lab File: BP006105.D
Acq: 29 Jun 2021 23:10

Tgt Ion:178 Resp: 1246799

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.9	22.3
179	15.9	12.2	18.2

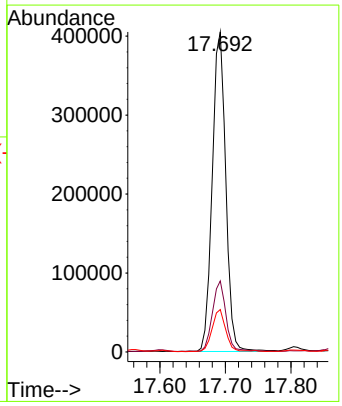




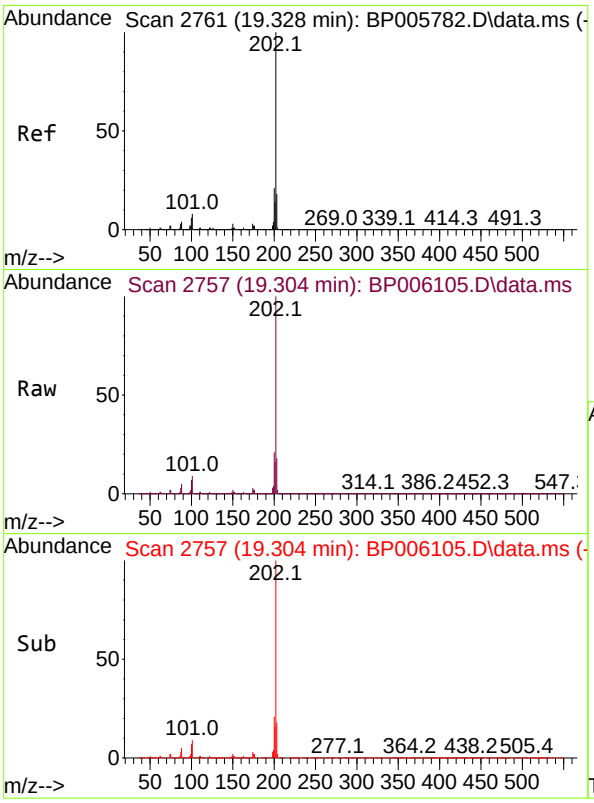
#73
Carbazole
Concen: 16.89 ng
RT: 17.692 min Scan# 2483
Delta R.T. -0.000 min
Lab File: BP006105.D
Acq: 29 Jun 2021 23:10

Tgt Ion:167 Resp: 578248

Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.1	25.7
139	13.3	10.7	16.1



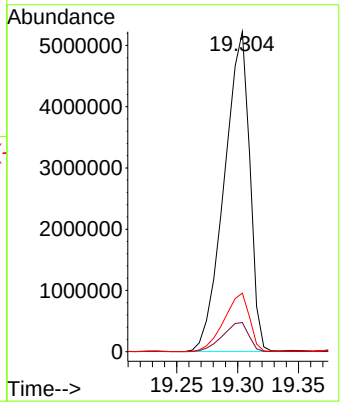
Instrument :
BNA_P
ClientSampleId :
RBR-24

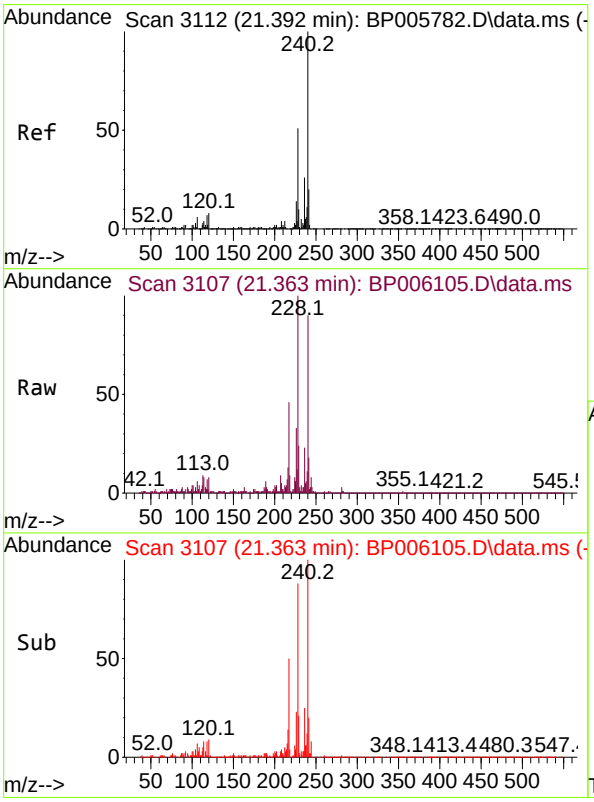


#75
Fluoranthene
Concen: 172.56 ng
RT: 19.304 min Scan# 2757
Delta R.T. 0.018 min
Lab File: BP006105.D
Acq: 29 Jun 2021 23:10

Tgt Ion:202 Resp: 7591828

Ion	Ratio	Lower	Upper
202	100		
101	9.1	0.0	27.6
203	18.3	0.0	37.8

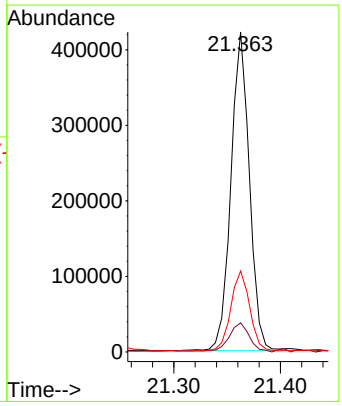




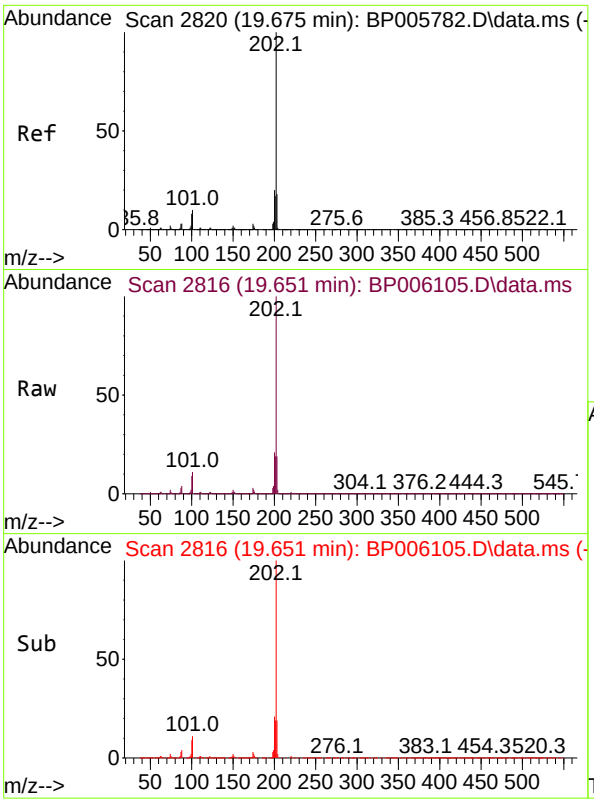
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.363 min Scan# 3107
Delta R.T. 0.006 min
Lab File: BP006105.D
Acq: 29 Jun 2021 23:10

Tgt Ion:240 Resp: 507687

Ion	Ratio	Lower	Upper
240	100		
120	9.1	6.5	9.7
236	25.3	20.6	31.0



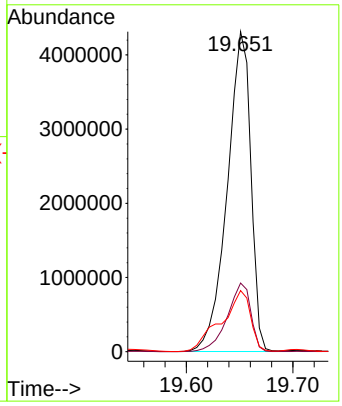
Instrument :
BNA_P
ClientSampleId :
RBR-24

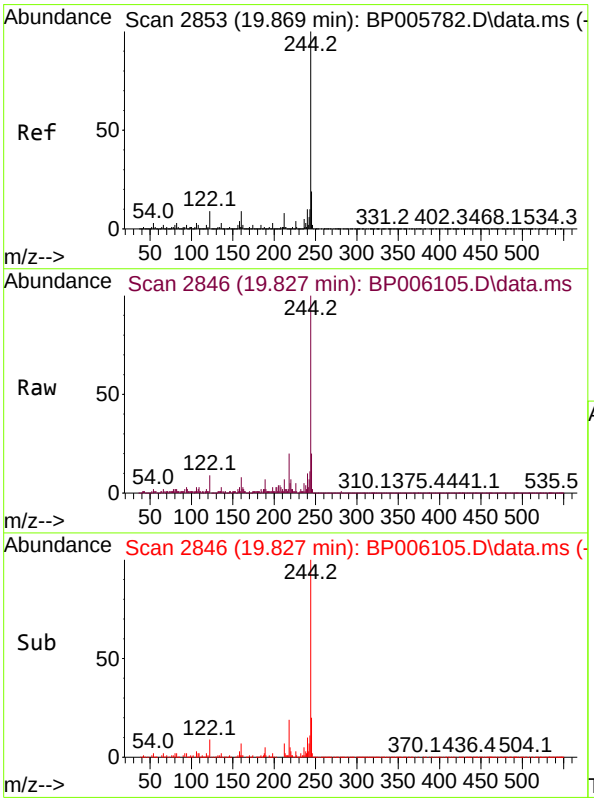


#78
Pyrene
Concen: 186.98 ng
RT: 19.651 min Scan# 2816
Delta R.T. 0.012 min
Lab File: BP006105.D
Acq: 29 Jun 2021 23:10

Tgt Ion:202 Resp: 6627002

Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.3	24.5
203	19.1	14.2	21.2

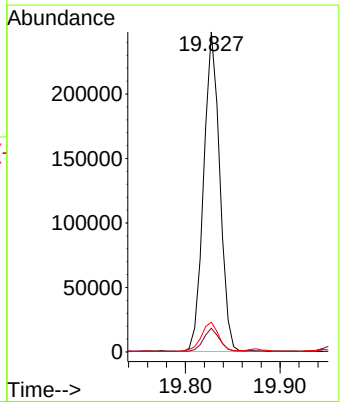




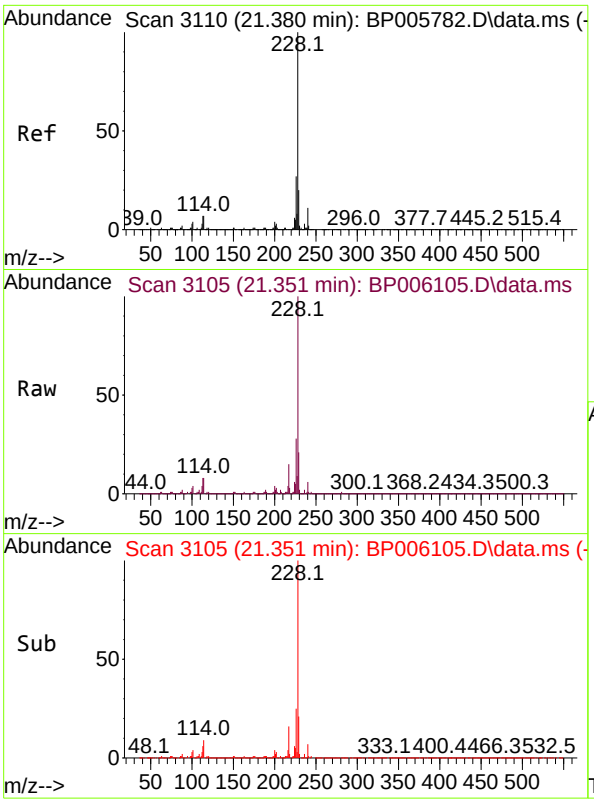
#79
Terphenyl-d14
Concen: 10.76 ng
RT: 19.827 min Scan# 2846
Delta R.T. -0.006 min
Lab File: BP006105.D
Acq: 29 Jun 2021 23:10

Tgt Ion:244 Resp: 291837

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	9.3	7.1	10.7



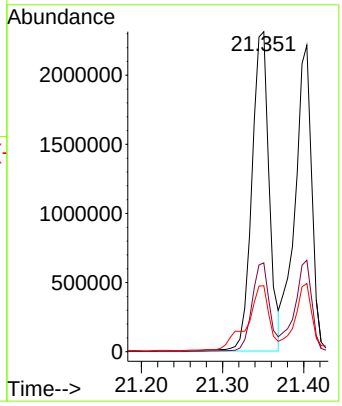
Instrument :
BNA_P
ClientSampleId :
RBR-24

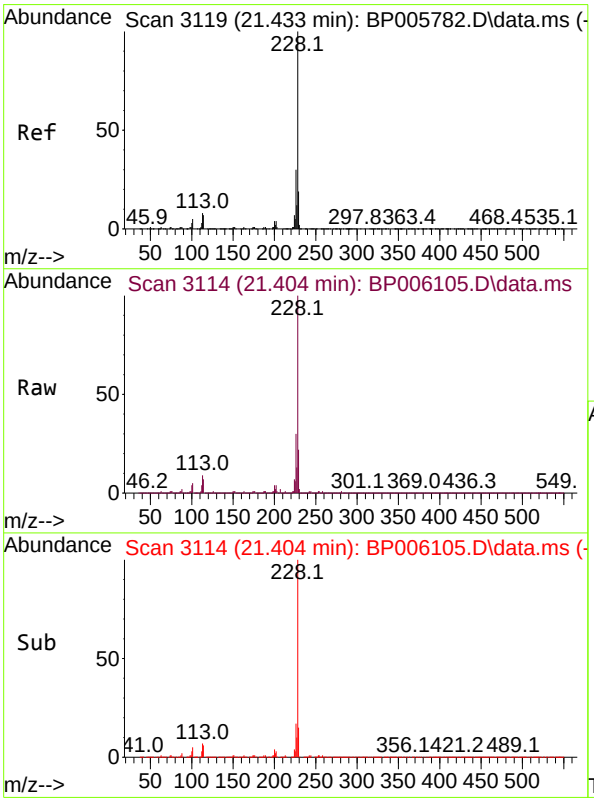


#81
Benzo(a)anthracene
Concen: 93.28 ng
RT: 21.351 min Scan# 3105
Delta R.T. 0.012 min
Lab File: BP006105.D
Acq: 29 Jun 2021 23:10

Tgt Ion:228 Resp: 3418404

Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.6	32.4
229	20.6	15.8	23.6

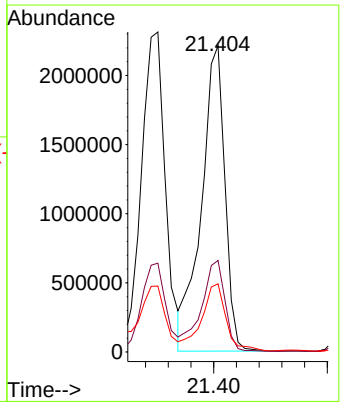




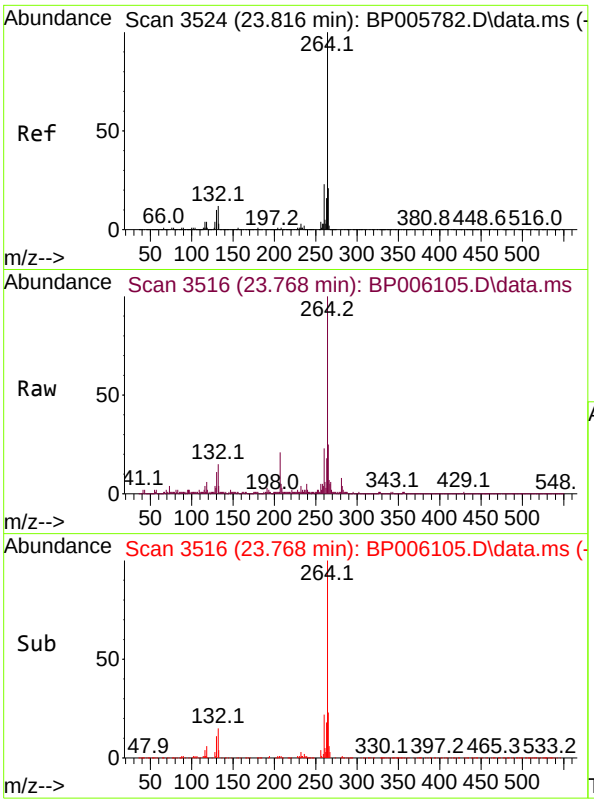
#83
Chrysene
Concen: 89.49 ng
RT: 21.404 min Scan# 3114
Delta R.T. 0.012 min
Lab File: BP006105.D
Acq: 29 Jun 2021 23:10

Tgt Ion:228 Resp: 3176424

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.8	35.6
229	22.3	15.4	23.2



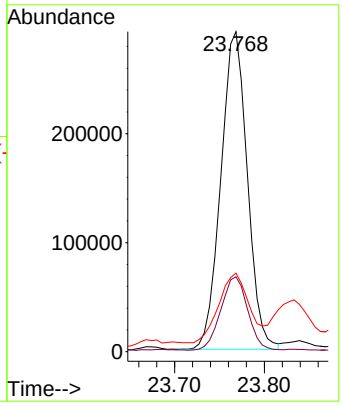
Instrument :
BNA_P
ClientSampleId :
RBR-24

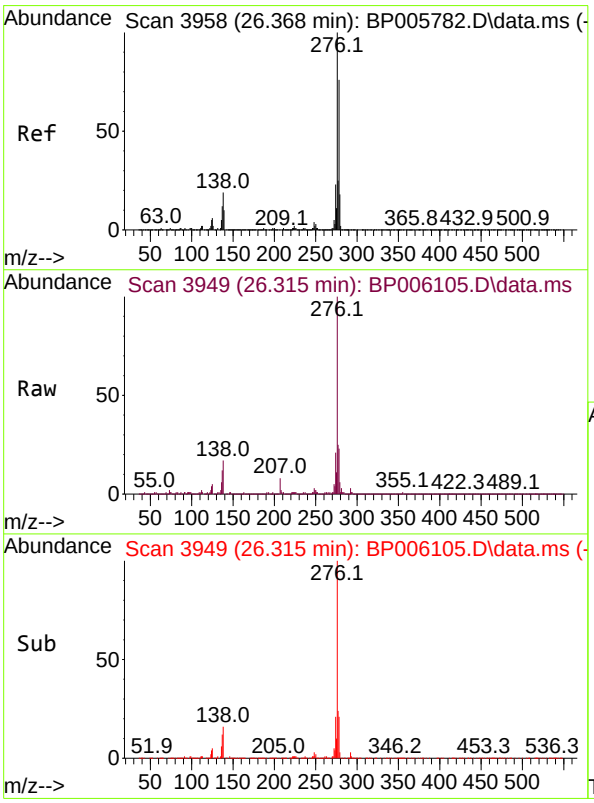


#86
Perylene-d12
Concen: 20.00 ng
RT: 23.768 min Scan# 3516
Delta R.T. 0.012 min
Lab File: BP006105.D
Acq: 29 Jun 2021 23:10

Tgt Ion:264 Resp: 597359

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	28.0
265	24.5	17.6	26.4

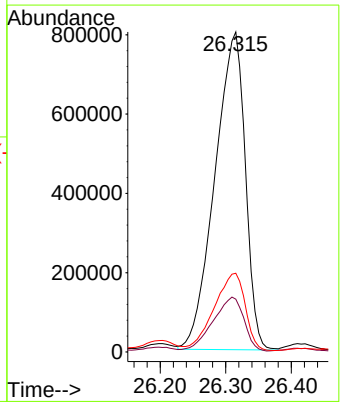




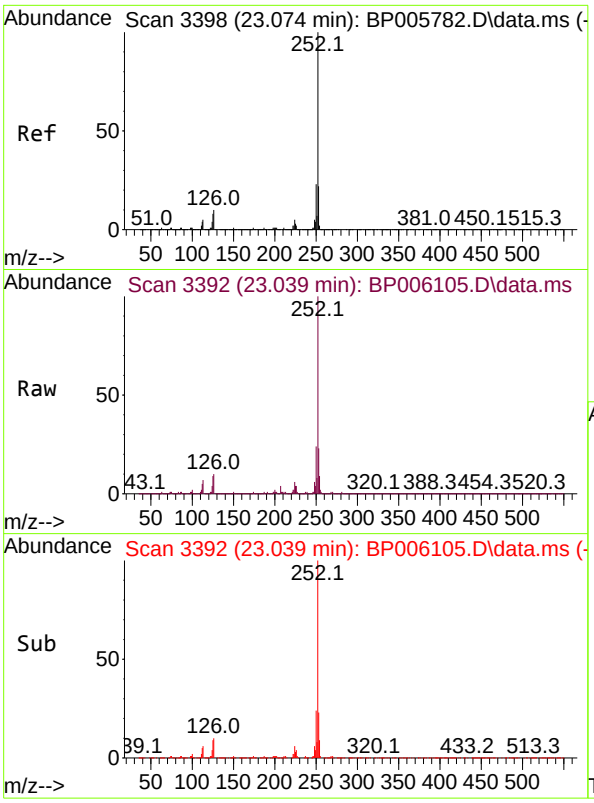
#87
Indeno(1,2,3-cd)pyrene
Concen: 50.52 ng
RT: 26.315 min Scan# 3949
Delta R.T. 0.023 min
Lab File: BP006105.D
Acq: 29 Jun 2021 23:10

Tgt Ion:276 Resp: 2580685

Ion	Ratio	Lower	Upper
276	100		
138	17.3	15.3	22.9
277	24.8	20.4	30.6



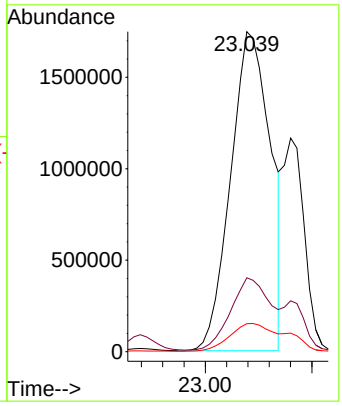
Instrument :
BNA_P
ClientSampleId :
RBR-24

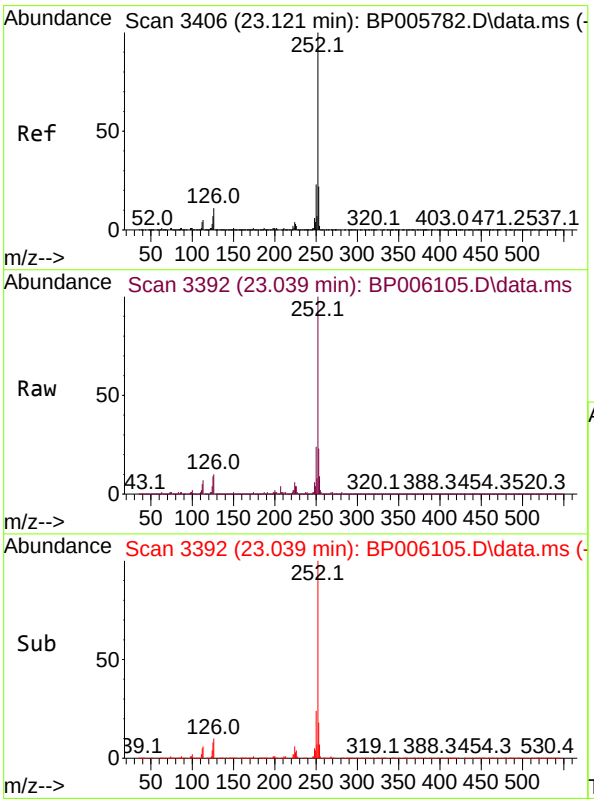


#88
Benzo(b)fluoranthene
Concen: 110.42 ng
RT: 23.039 min Scan# 3392
Delta R.T. 0.018 min
Lab File: BP006105.D
Acq: 29 Jun 2021 23:10

Tgt Ion:252 Resp: 4517605

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.5	26.3
125	8.7	6.2	9.4

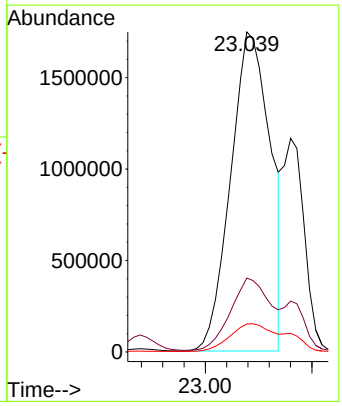




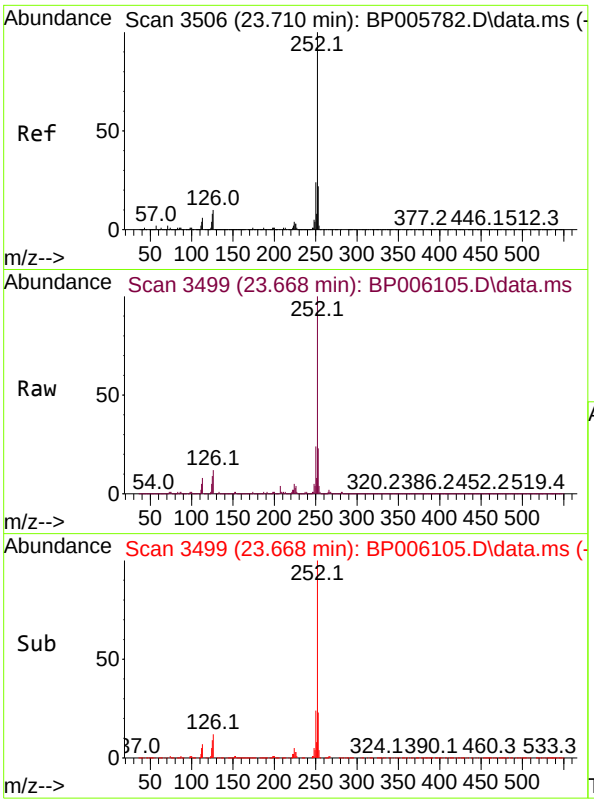
#89
Benzo(k)fluoranthene
Concen: 113.87 ng
RT: 23.039 min Scan# 3392
Delta R.T. -0.029 min
Lab File: BP006105.D
Acq: 29 Jun 2021 23:10

Tgt Ion:252 Resp: 4517605

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.6	26.4
125	8.7	6.0	9.0



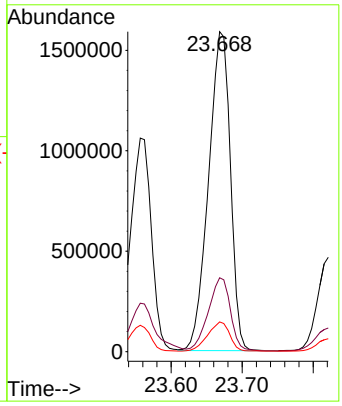
Instrument :
BNA_P
ClientSampleId :
RBR-24

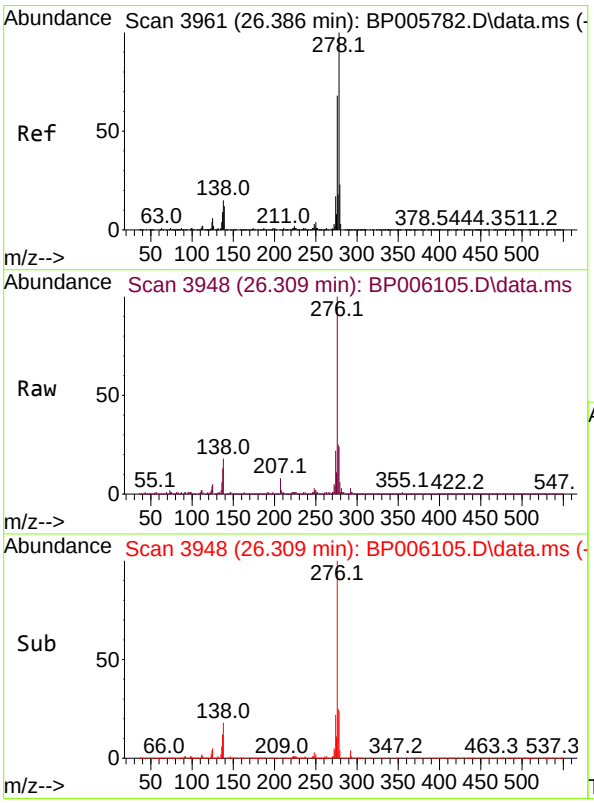


#90
Benzo(a)pyrene
Concen: 87.99 ng
RT: 23.668 min Scan# 3499
Delta R.T. 0.018 min
Lab File: BP006105.D
Acq: 29 Jun 2021 23:10

Tgt Ion:252 Resp: 3384452

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	9.3	6.5	9.7

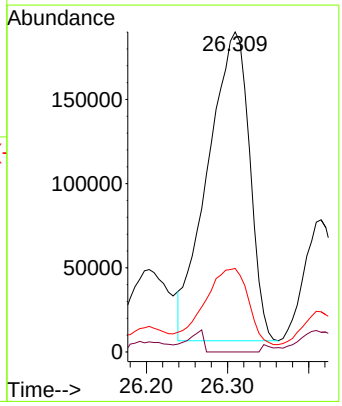


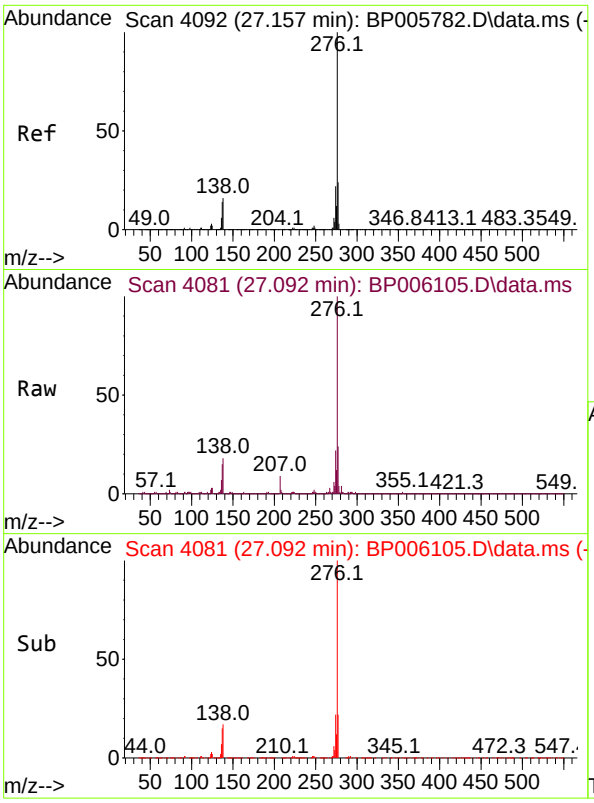


#91
Dibenzo(a,h)anthracene
Concen: 14.92 ng
RT: 26.309 min Scan# 3948
Delta R.T. 0.012 min
Lab File: BP006105.D
Acq: 29 Jun 2021 23:10

Tgt Ion:278 Resp: 656136

Ion	Ratio	Lower	Upper
278	100		
139	0.0	9.3	13.9#
279	26.1	18.8	28.2

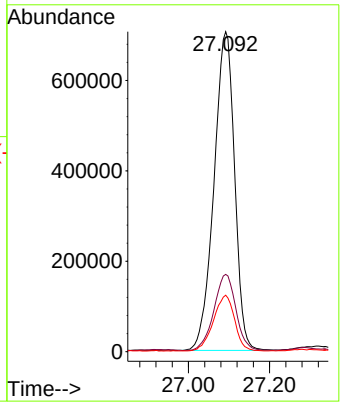




#92
Benzo(g,h,i)perylene
Concen: 57.25 ng
RT: 27.092 min Scan# 4081
Delta R.T. 0.029 min
Lab File: BP006105.D
Acq: 29 Jun 2021 23:10

Tgt Ion:276 Resp: 2486398

Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.9	28.3
138	17.6	12.6	18.8



Instrument :
BNA_P
ClientSampleId :
RBR-24