Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063021\
Data File : BP006117.D
Acq On : 30 Jun 2021 20:31
Operator : CG/JU
Sample : M2875-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MW-14

Quant Time: Jul 01 03:08:00 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 30 16:39:37 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.893	152	78186	20.000	ng		0.00
21) Naphthalene-d8	10.710	136	288163	20.000	ng		0.02
39) Acenaphthene-d10	14.522	164	182224	20.000	ng		0.00
64) Phenanthrene-d10	17.275	188	370336	20.000	ng		0.00
76) Chrysene-d12	21.351	240	440930	20.000	ng		0.00
86) Perylene-d12	23.745	264	506721	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	238731	48.995	ng		0.00
7) Phenol-d6	7.081	99	169993	26.917	ng		0.00
23) Nitrobenzene-d5	9.063	82	484674	82.461	ng		0.00
42) 2,4,6-Tribromophenol	16.016	330	419885	134.273	ng		0.00
45) 2-Fluorobiphenyl	13.151	172	1136345	81.887	ng		0.00
79) Terphenyl-d14	19.822	244	2004142	85.110	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	10.799	128	26536436	1591.582	ng		95
37) 2-Methylnaphthalene	12.369	142	5177276	436.134	ng		98
38) 1-Methylnaphthalene	12.593	142	4787880	428.192	ng		98
46) 1,1'-Biphenyl	13.363	154	421549	28.692	ng		99
49) Acenaphthylene	14.245	152	71385	3.878	ng	#	48
52) Acenaphthene	14.592	154	1206252	107.915	ng		98
58) Fluorene	15.569	166	484910	33.856	ng		99
71) Phenanthrene	17.316	178	1291380	58.065	ng		99
72) Anthracene	17.404	178	276132	12.615	ng		99
75) Fluoranthene	19.280	202	144605	5.354	ng		98
78) Pyrene	19.633	202	315178	10.239	ng		99

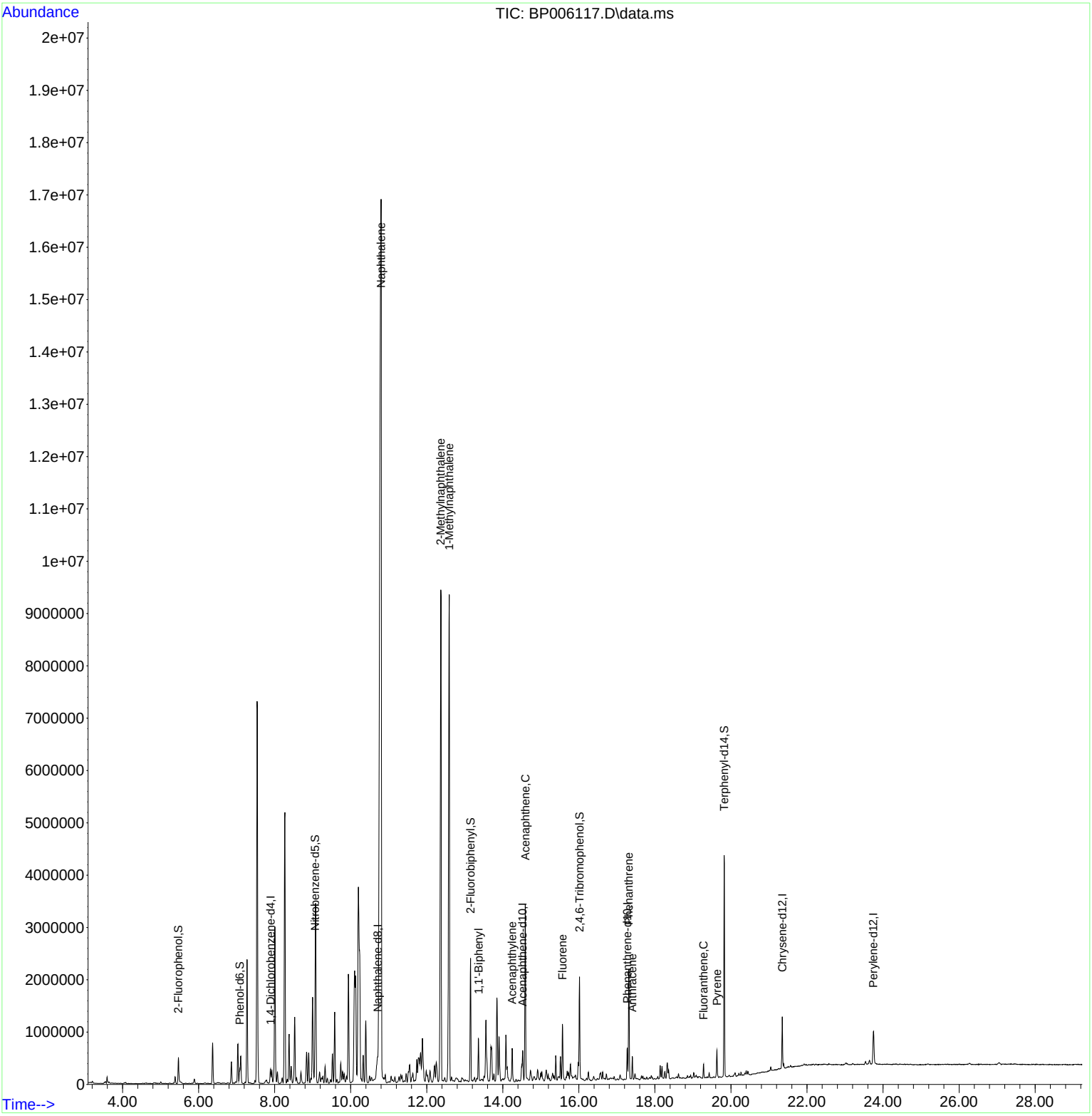
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT/LSC Reviewed)

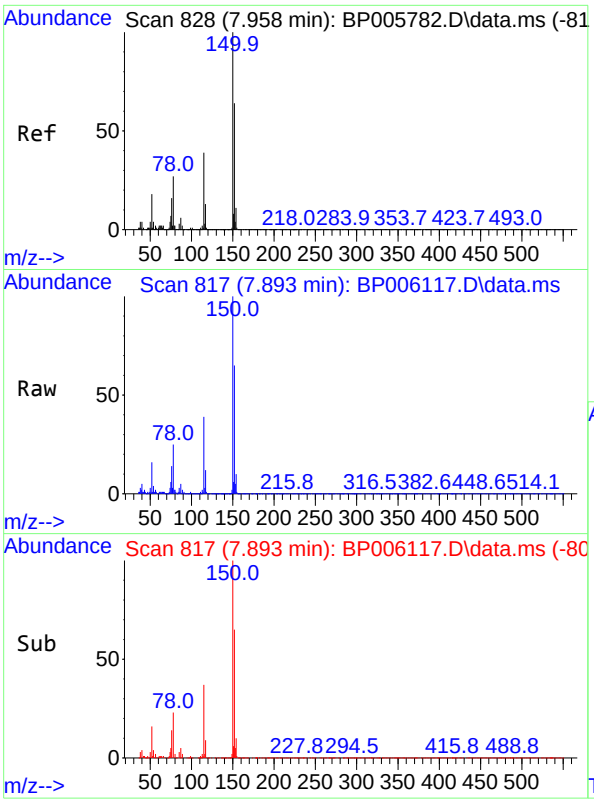
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063021\
Data File : BP006117.D
Acq On : 30 Jun 2021 20:31
Operator : CG/JU
Sample : M2875-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-14

Quant Time: Jul 01 03:08:00 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 30 16:39:37 2021
Response via : Initial Calibration



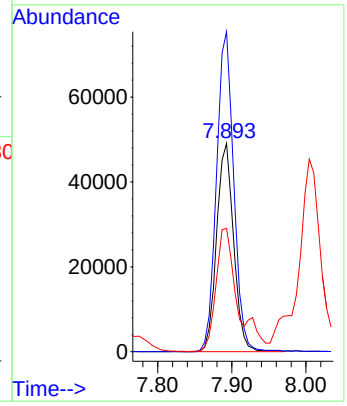
Instrument :
BNA_P
ClientSampleId :
MW-14

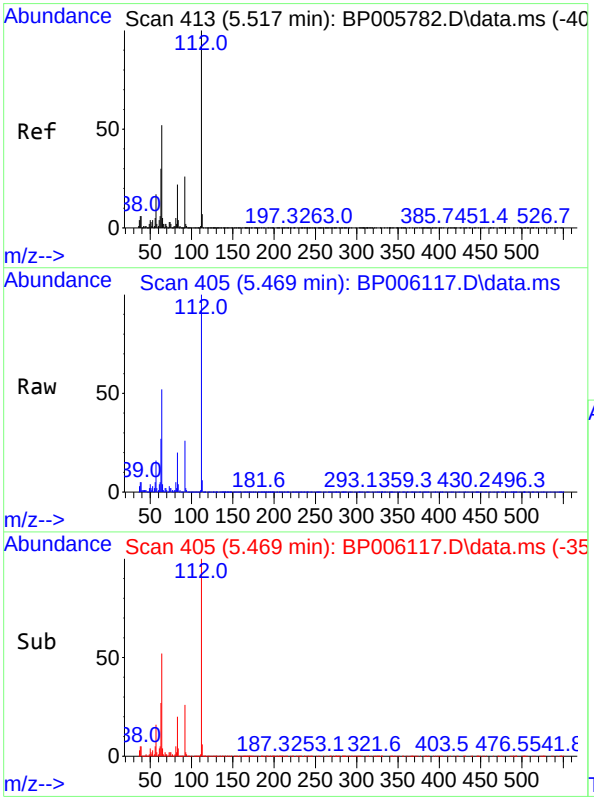


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.893 min Scan# 817
Delta R.T. -0.000 min
Lab File: BP006117.D
Acq: 30 Jun 2021 20:31

Tgt Ion:152 Resp: 78186

Ion	Ratio	Lower	Upper
152	100		
150	153.6	125.6	188.4
115	59.2	48.5	72.7

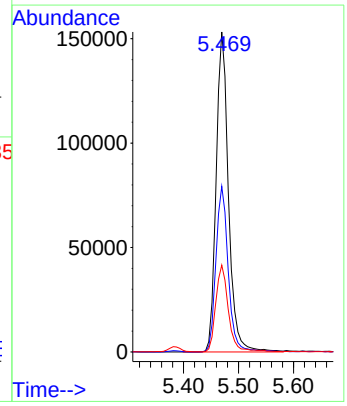




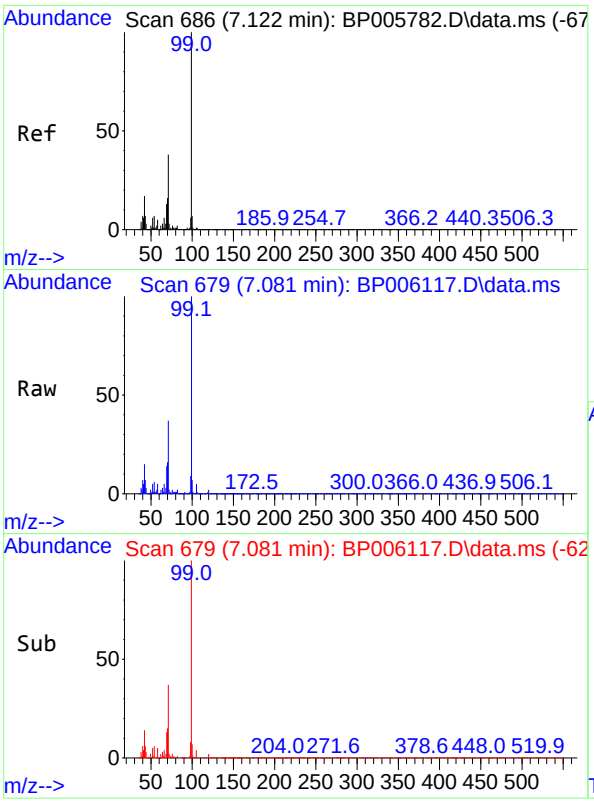
#5
2-Fluorophenol
Concen: 48.995 ng
RT: 5.469 min Scan# 405
Delta R.T. 0.000 min
Lab File: BP006117.D
Acq: 30 Jun 2021 20:31

Tgt Ion:112 Resp: 238731

Ion	Ratio	Lower	Upper
112	100		
64	51.7	41.4	62.2
63	27.1	23.8	35.8



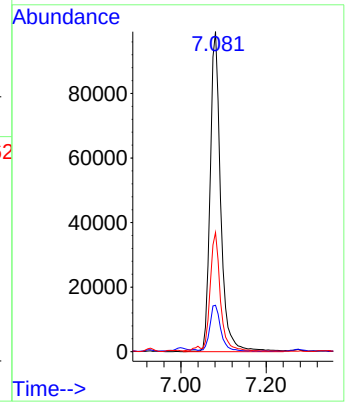
Instrument :
BNA_P
ClientSampleId :
MW-14

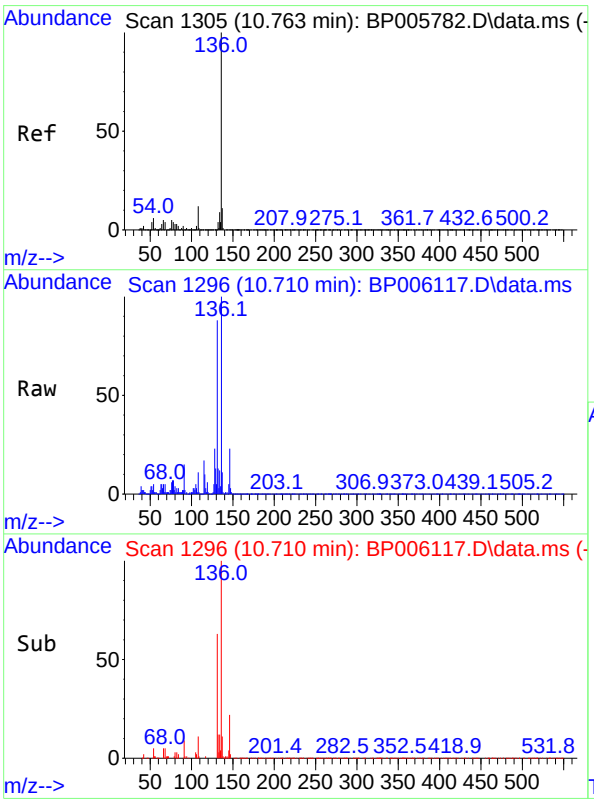


#7
Phenol-d6
Concen: 26.917 ng
RT: 7.081 min Scan# 679
Delta R.T. 0.006 min
Lab File: BP006117.D
Acq: 30 Jun 2021 20:31

Tgt Ion: 99 Resp: 169993

Ion	Ratio	Lower	Upper
99	100		
42	14.5	13.4	20.0
71	37.3	30.6	46.0

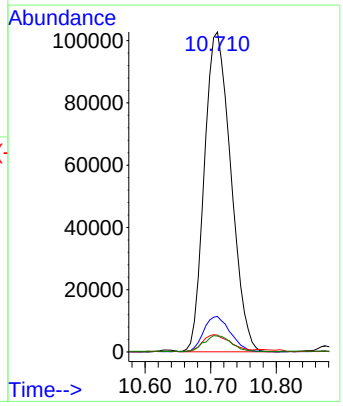




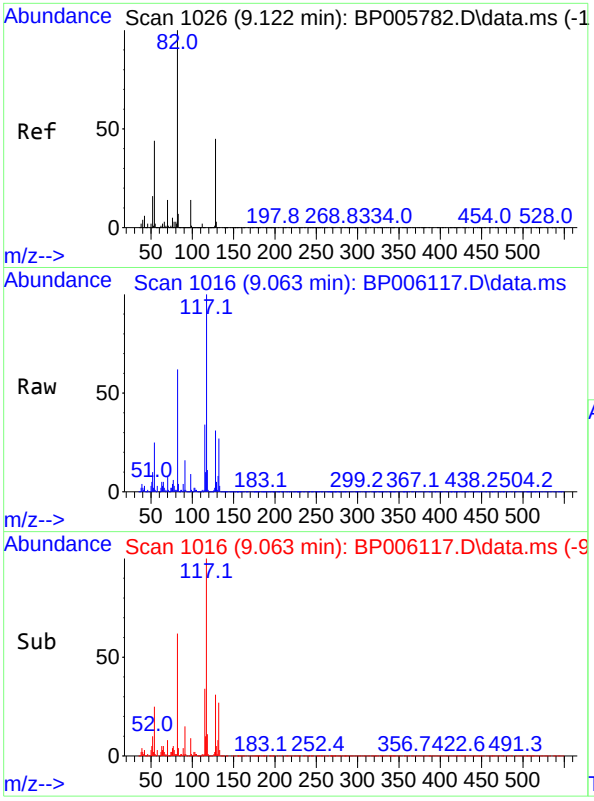
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1296
Delta R.T. 0.018 min
Lab File: BP006117.D
Acq: 30 Jun 2021 20:31

Tgt Ion:136 Resp: 288163

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	5.2	4.6	6.8
68	4.9	3.6	5.4



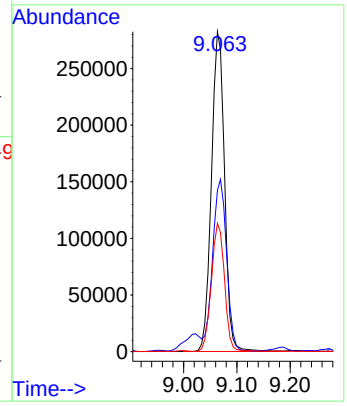
Instrument :
BNA_P
ClientSampleId :
MW-14

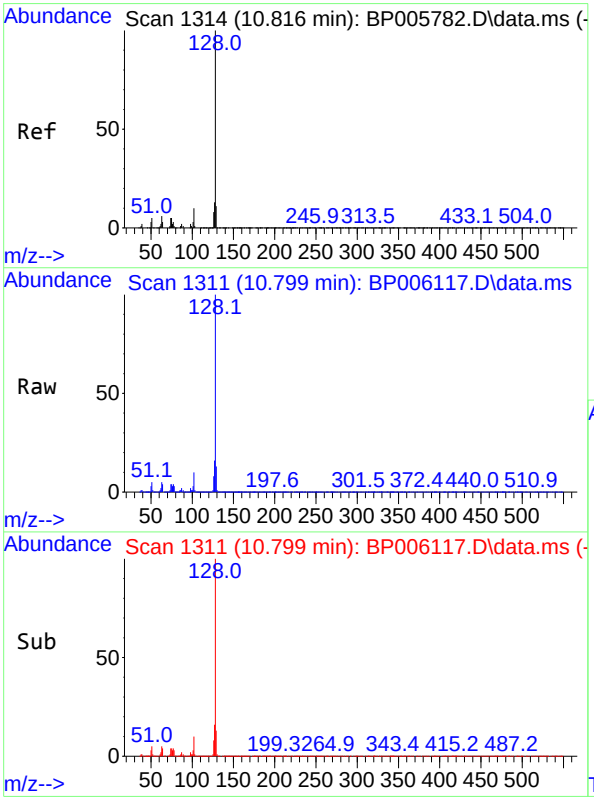


#23
Nitrobenzene-d5
Concen: 82.461 ng
RT: 9.063 min Scan# 1016
Delta R.T. 0.006 min
Lab File: BP006117.D
Acq: 30 Jun 2021 20:31

Tgt Ion: 82 Resp: 484674

Ion	Ratio	Lower	Upper
82	100		
128	50.4	35.7	53.5
54	40.2	35.0	52.4

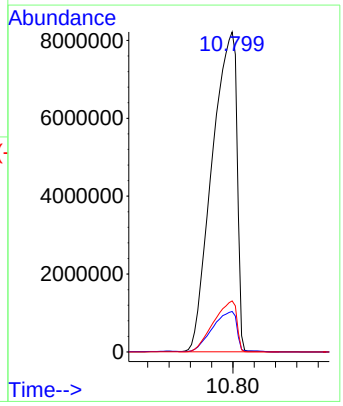




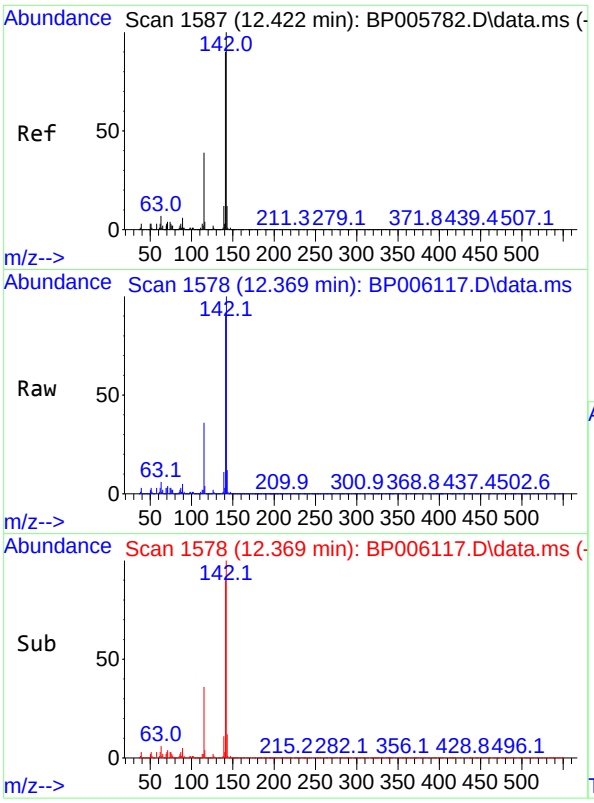
#31
Naphthalene
Concen: 1591.582 ng
RT: 10.799 min Scan# 1311
Delta R.T. 0.053 min
Lab File: BP006117.D
Acq: 30 Jun 2021 20:31

Tgt Ion:128 Resp:26536436

Ion	Ratio	Lower	Upper
128	100		
129	12.6	9.0	13.6
127	16.0	10.7	16.1



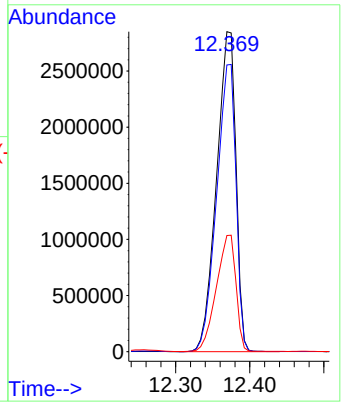
Instrument :
BNA_P
ClientSampleId :
MW-14

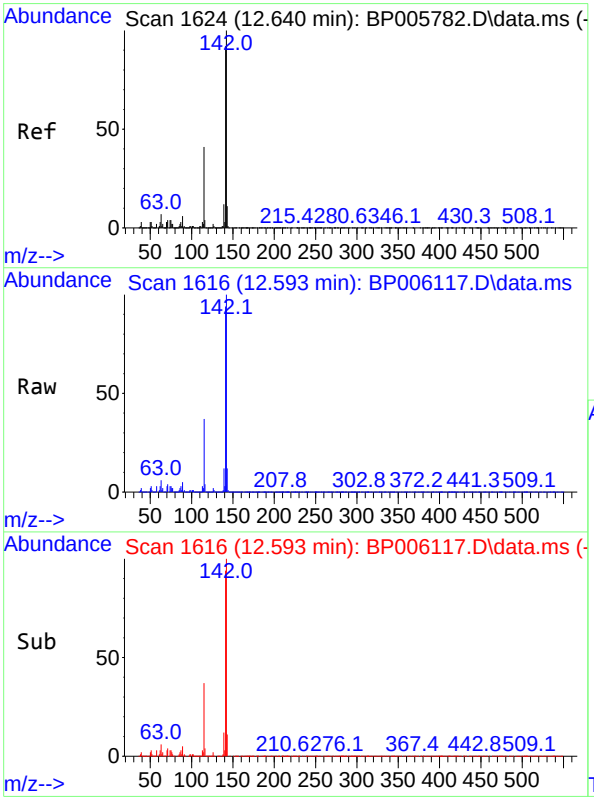


#37
2-Methylnaphthalene
Concen: 436.134 ng
RT: 12.369 min Scan# 1578
Delta R.T. 0.012 min
Lab File: BP006117.D
Acq: 30 Jun 2021 20:31

Tgt Ion:142 Resp: 5177276

Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.8	107.6
115	36.3	31.6	47.4

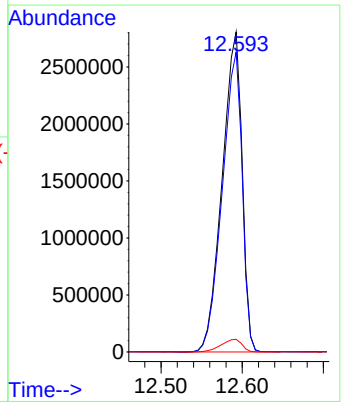




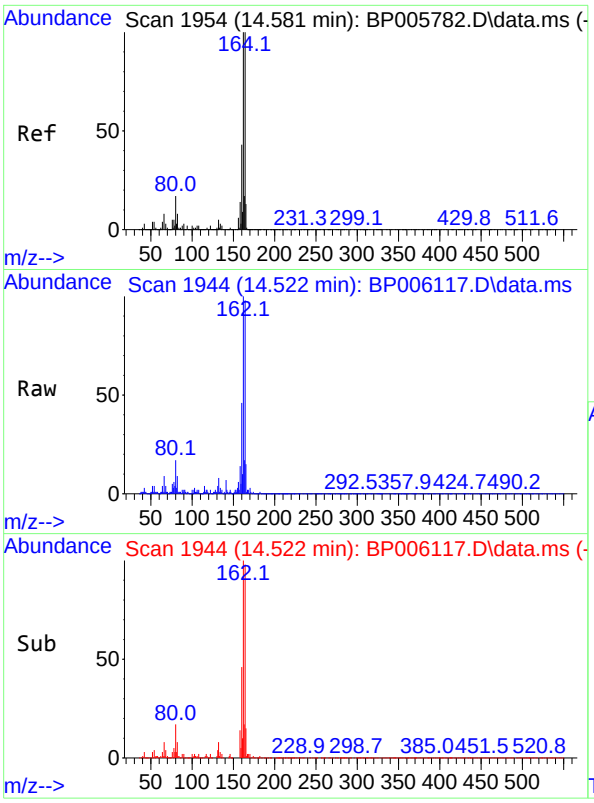
#38
1-Methylnaphthalene
Concen: 428.192 ng
RT: 12.593 min Scan# 1616
Delta R.T. 0.024 min
Lab File: BP006117.D
Acq: 30 Jun 2021 20:31

Tgt Ion:142 Resp: 4787880

Ion	Ratio	Lower	Upper
142	100		
141	93.8	73.3	109.9
116	3.9	3.5	5.3



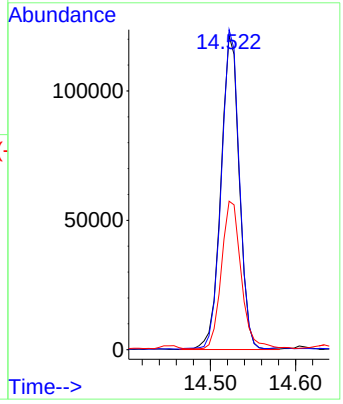
Instrument :
BNA_P
ClientSampleId :
MW-14

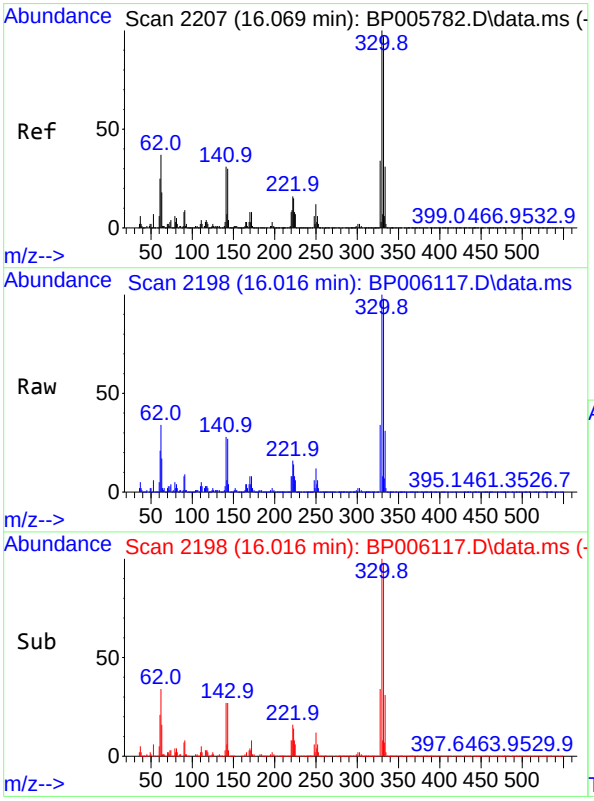


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.522 min Scan# 1944
Delta R.T. -0.006 min
Lab File: BP006117.D
Acq: 30 Jun 2021 20:31

Tgt Ion:164 Resp: 182224

Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.2	120.2
160	47.3	34.5	51.7

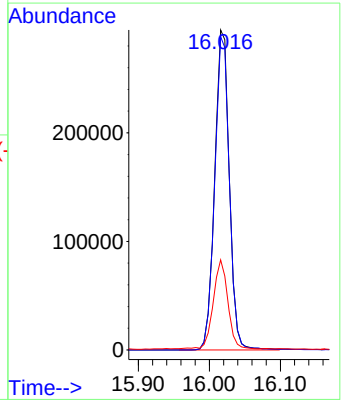




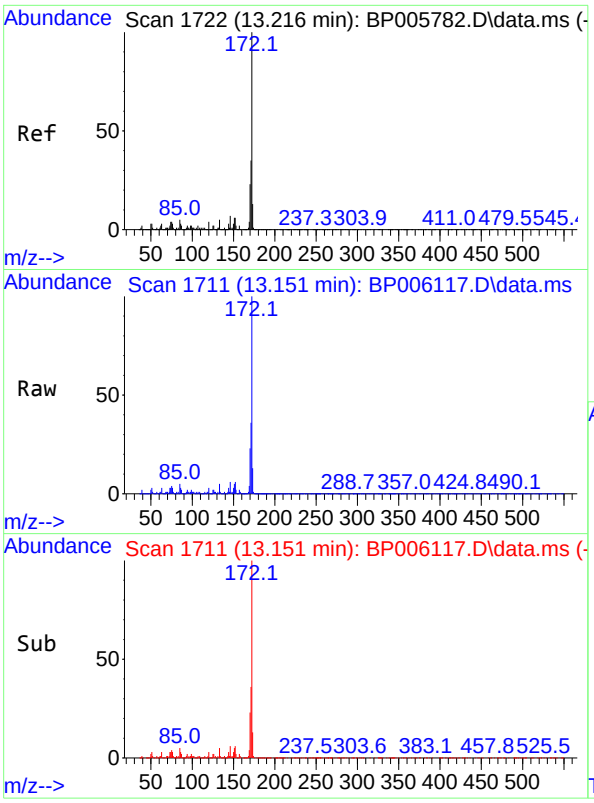
#42
2,4,6-Tribromophenol
Concen: 134.273 ng
RT: 16.016 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BP006117.D
Acq: 30 Jun 2021 20:31

Tgt Ion:330 Resp: 419885

Ion	Ratio	Lower	Upper
330	100		
332	98.5	77.8	116.8
141	27.7	25.4	38.2



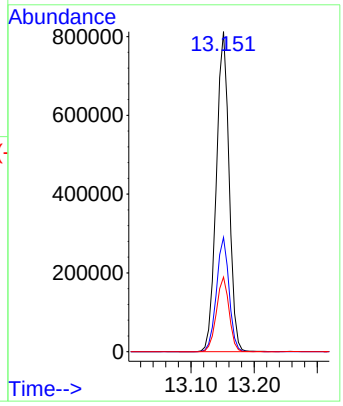
Instrument :
BNA_P
ClientSampleId :
MW-14

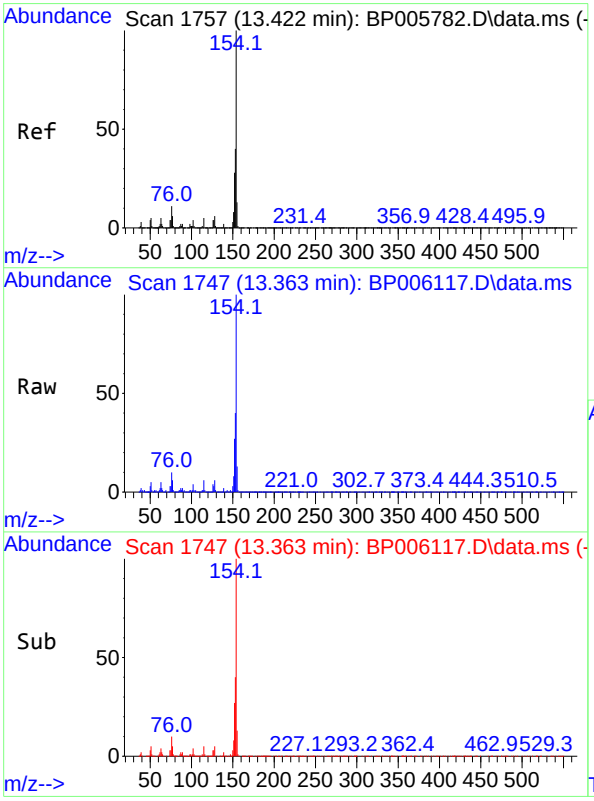


#45
2-Fluorobiphenyl
Concen: 81.887 ng
RT: 13.151 min Scan# 1711
Delta R.T. 0.000 min
Lab File: BP006117.D
Acq: 30 Jun 2021 20:31

Tgt Ion:172 Resp: 1136345

Ion	Ratio	Lower	Upper
172	100		
171	35.7	27.9	41.9
170	23.3	18.6	27.8

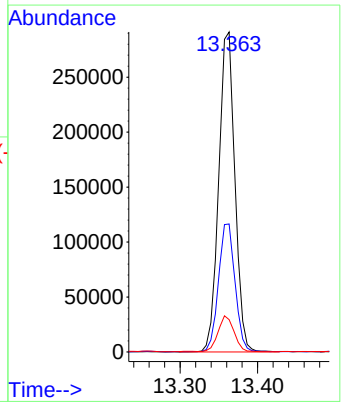




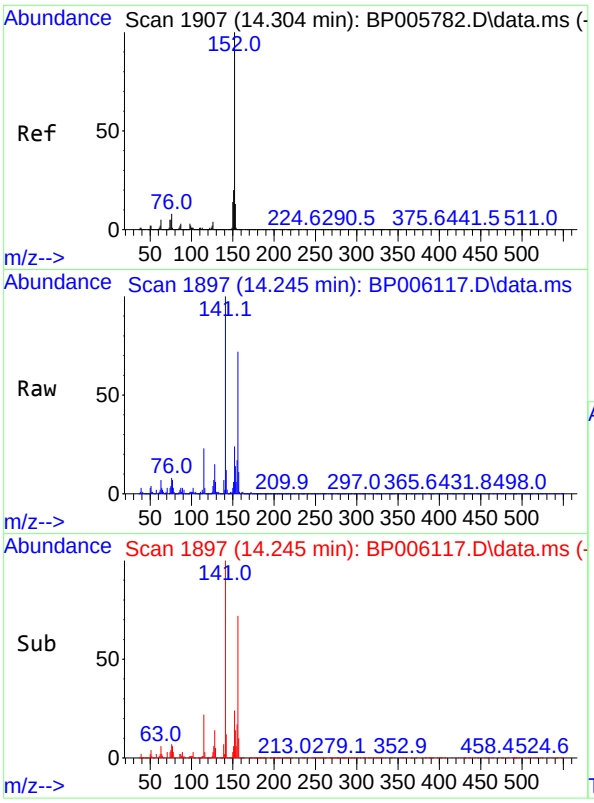
#46
1,1'-Biphenyl
Concen: 28.692 ng
RT: 13.363 min Scan# 1747
Delta R.T. 0.000 min
Lab File: BP006117.D
Acq: 30 Jun 2021 20:31

Tgt Ion:154 Resp: 421549

Ion	Ratio	Lower	Upper
154	100		
153	40.0	20.4	60.4
76	10.1	0.0	30.8



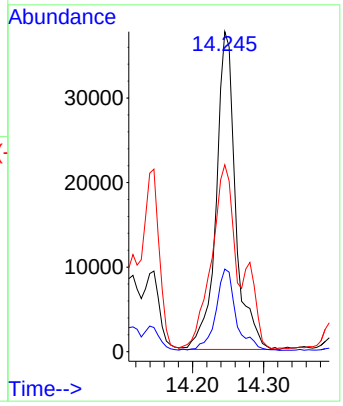
Instrument :
BNA_P
ClientSampleId :
MW-14

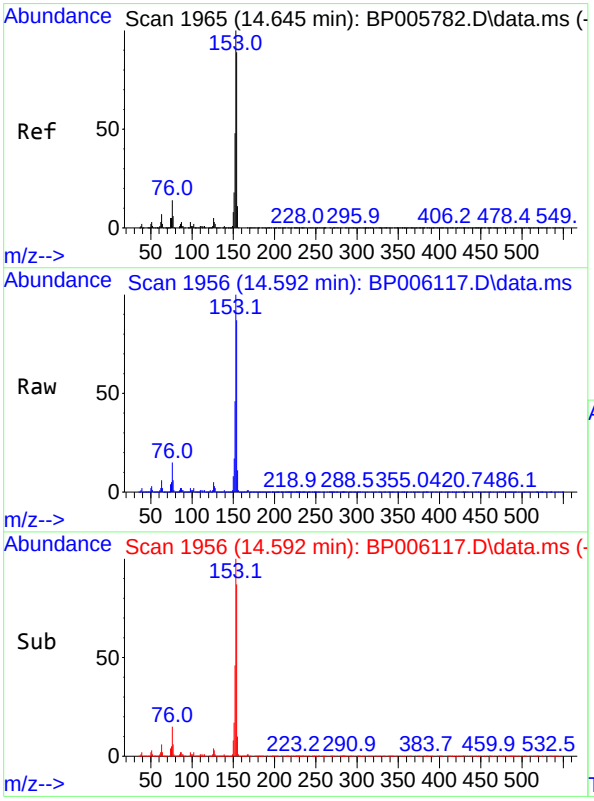


#49
Acenaphthylene
Concen: 3.878 ng
RT: 14.245 min Scan# 1897
Delta R.T. 0.000 min
Lab File: BP006117.D
Acq: 30 Jun 2021 20:31

Tgt Ion:152 Resp: 71385

Ion	Ratio	Lower	Upper
152	100		
151	25.8	16.2	24.2#
153	58.4	10.6	16.0#

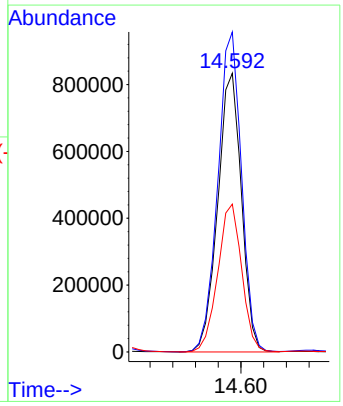




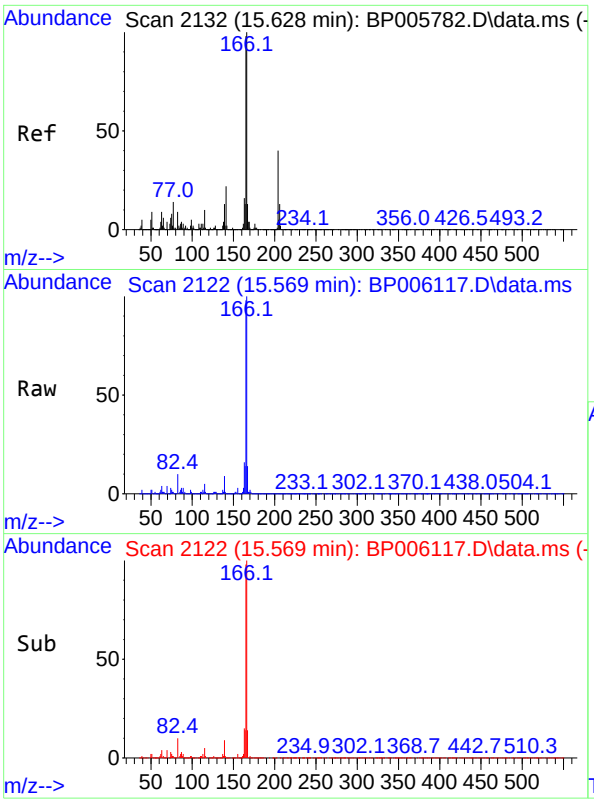
#52
Acenaphthene
Concen: 107.915 ng
RT: 14.592 min Scan# 1956
Delta R.T. 0.000 min
Lab File: BP006117.D
Acq: 30 Jun 2021 20:31

Tgt Ion:154 Resp: 1206252

Ion	Ratio	Lower	Upper
154	100		
153	114.8	89.4	134.2
152	53.0	43.0	64.4



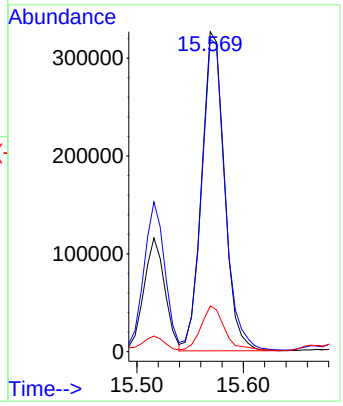
Instrument :
BNA_P
ClientSampleId :
MW-14

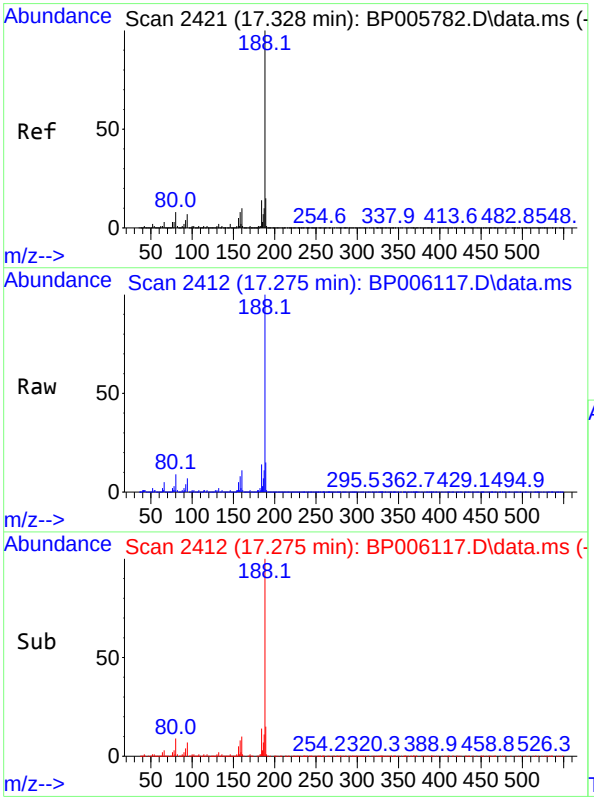


#58
Fluorene
Concen: 33.856 ng
RT: 15.569 min Scan# 2122
Delta R.T. -0.006 min
Lab File: BP006117.D
Acq: 30 Jun 2021 20:31

Tgt Ion:166 Resp: 484910

Ion	Ratio	Lower	Upper
166	100		
165	97.7	78.0	117.0
167	14.3	10.5	15.7

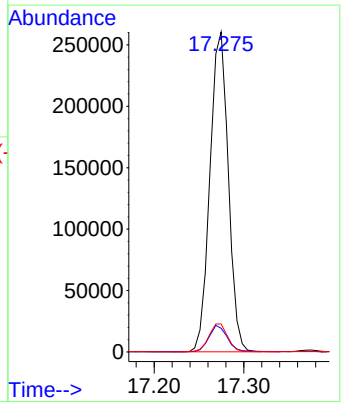




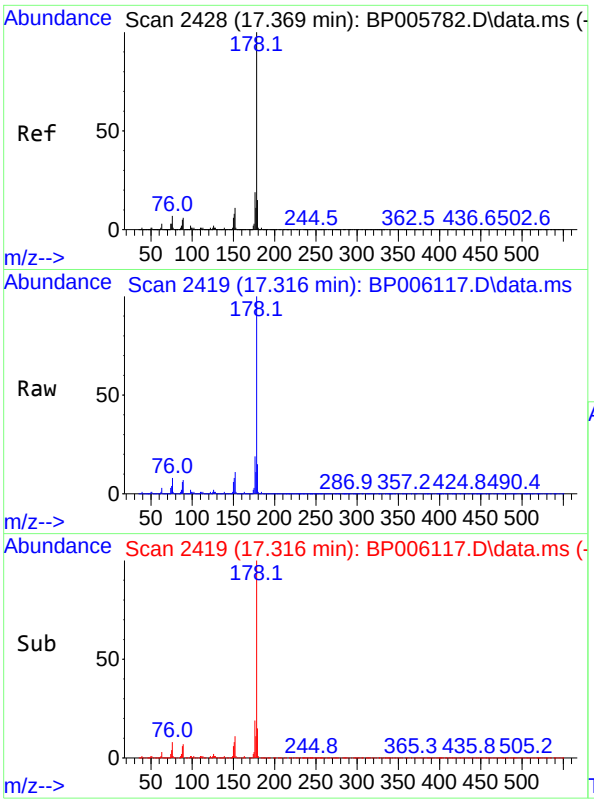
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.275 min Scan# 2412
Delta R.T. 0.000 min
Lab File: BP006117.D
Acq: 30 Jun 2021 20:31

Tgt Ion:188 Resp: 370336

Ion	Ratio	Lower	Upper
188	100		
94	7.4	5.6	8.4
80	8.8	6.3	9.5



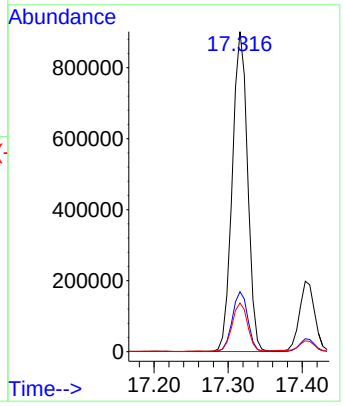
Instrument :
BNA_P
ClientSampleId :
MW-14

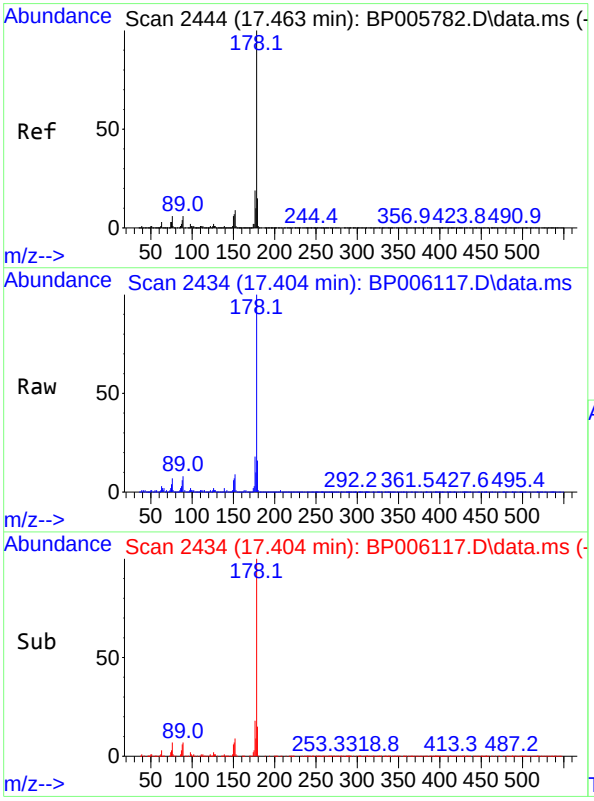


#71
Phenanthrene
Concen: 58.065 ng
RT: 17.316 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BP006117.D
Acq: 30 Jun 2021 20:31

Tgt Ion:178 Resp: 1291380

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.1	22.7
179	15.2	12.4	18.6

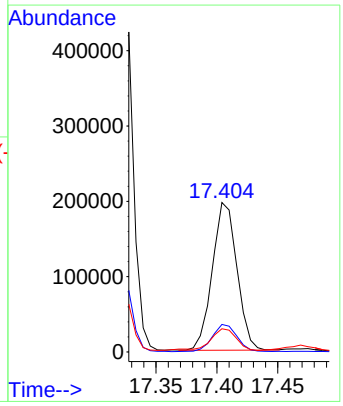




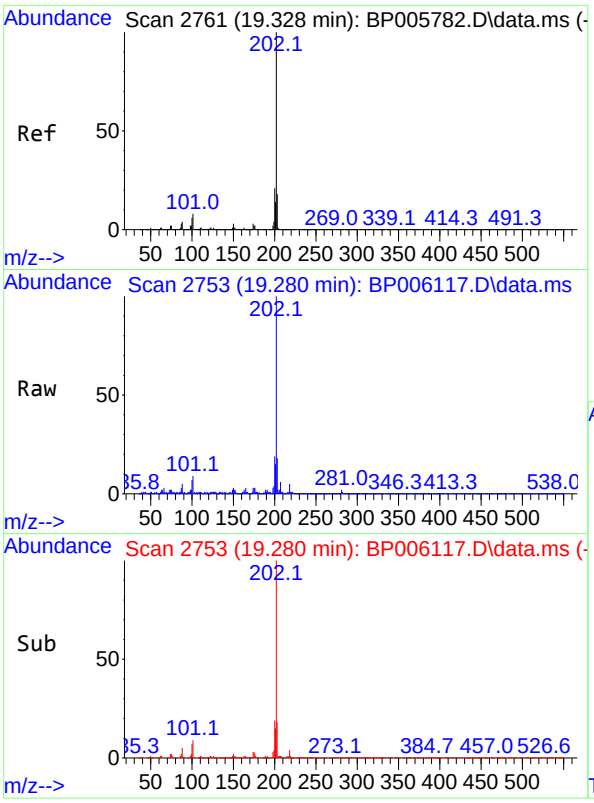
#72
Anthracene
Concen: 12.615 ng
RT: 17.404 min Scan# 2434
Delta R.T. -0.006 min
Lab File: BP006117.D
Acq: 30 Jun 2021 20:31

Tgt Ion:178 Resp: 276132

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.9	22.3
179	15.5	12.2	18.2



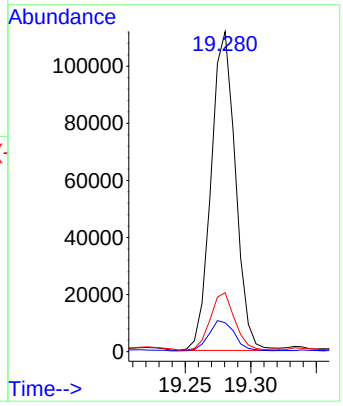
Instrument :
BNA_P
ClientSampleId :
MW-14

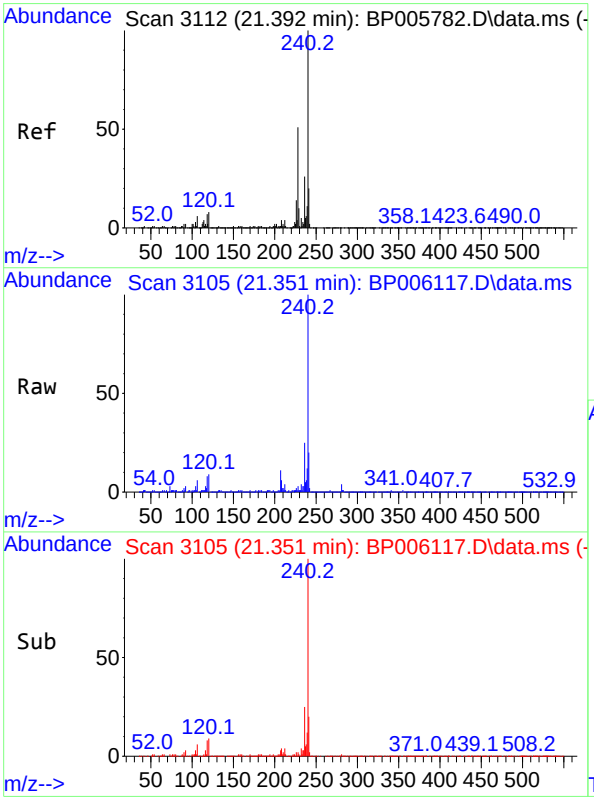


#75
Fluoranthene
Concen: 5.354 ng
RT: 19.280 min Scan# 2753
Delta R.T. -0.006 min
Lab File: BP006117.D
Acq: 30 Jun 2021 20:31

Tgt Ion:202 Resp: 144605

Ion	Ratio	Lower	Upper
202	100		
101	9.1	0.0	27.6
203	18.5	0.0	37.8

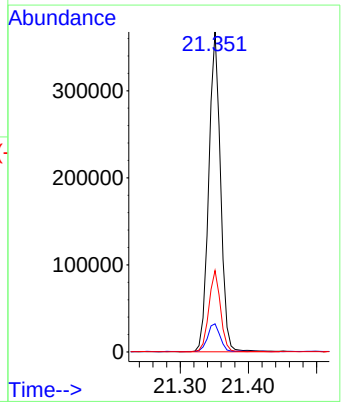




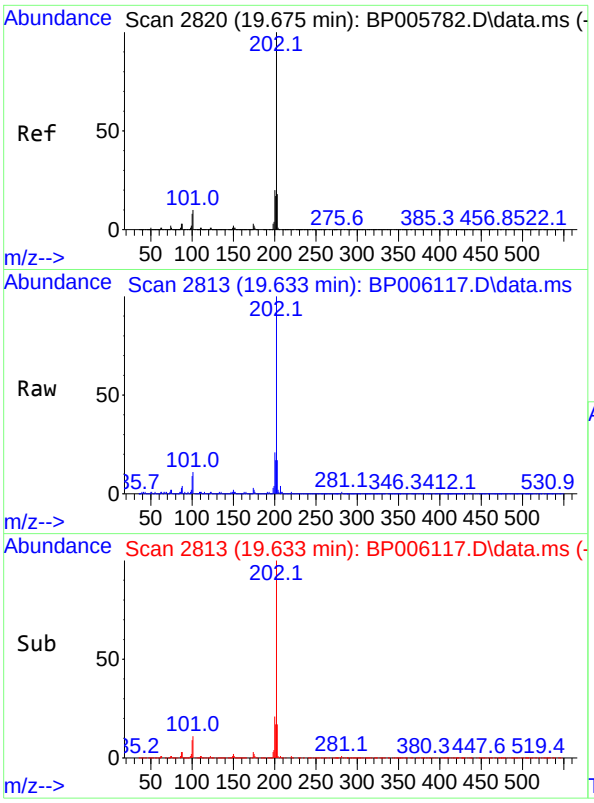
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.351 min Scan# 3105
Delta R.T. -0.006 min
Lab File: BP006117.D
Acq: 30 Jun 2021 20:31

Tgt Ion:240 Resp: 440930

Ion	Ratio	Lower	Upper
240	100		
120	8.8	6.5	9.7
236	25.5	20.6	31.0



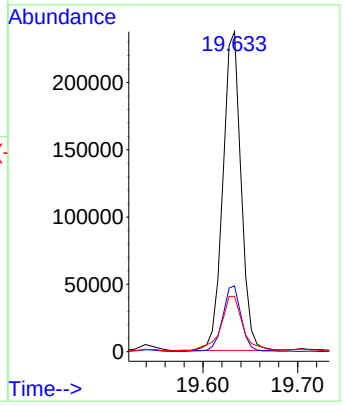
Instrument :
BNA_P
ClientSampleId :
MW-14

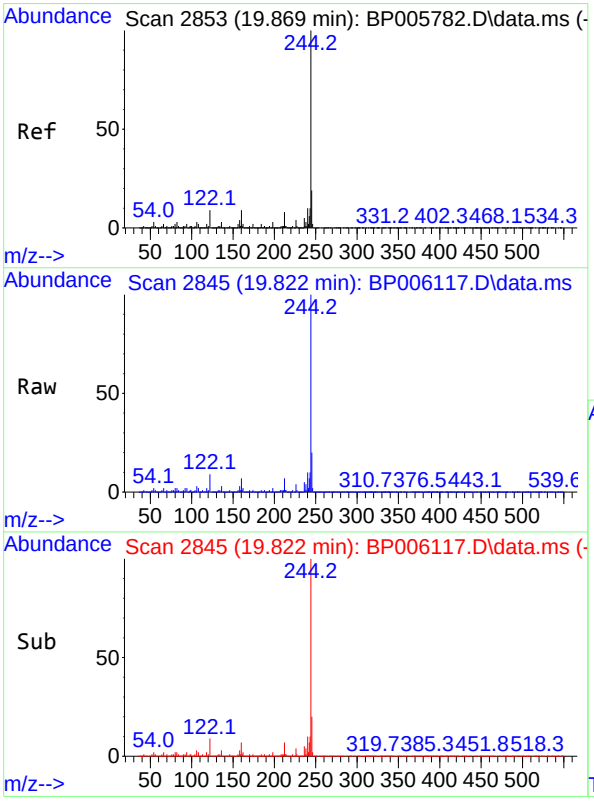


#78
Pyrene
Concen: 10.239 ng
RT: 19.633 min Scan# 2813
Delta R.T. 0.000 min
Lab File: BP006117.D
Acq: 30 Jun 2021 20:31

Tgt Ion:202 Resp: 315178

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.3	24.5
203	17.3	14.2	21.2

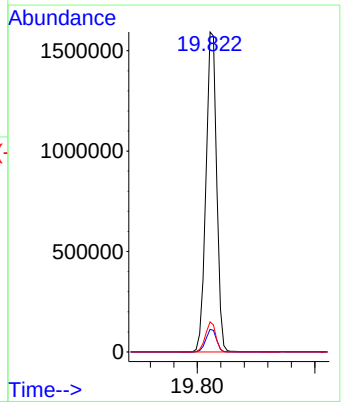


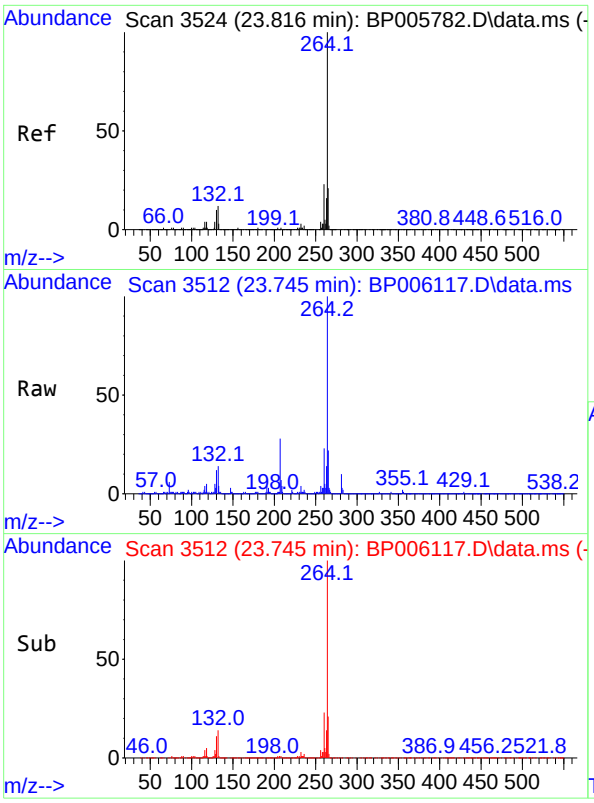


#79
Terphenyl-d14
Concen: 85.110 ng
RT: 19.822 min Scan# 2845
Delta R.T. -0.006 min
Lab File: BP006117.D
Acq: 30 Jun 2021 20:31

Tgt Ion:244 Resp: 2004142

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

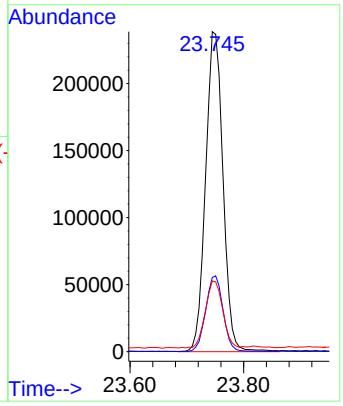




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.745 min Scan# 3512
Delta R.T. -0.012 min
Lab File: BP006117.D
Acq: 30 Jun 2021 20:31

Tgt Ion:264 Resp: 506721

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	28.0
265	22.1	17.6	26.4



Instrument :
BNA_P
ClientSampleId :
MW-14