Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110821\
Data File : BP007881.D
Acq On : 09 Nov 2021 02:36
Operator : CG/JU
Sample : M4556-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-02-110521

Quant Time: Nov 09 08:49:26 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 08 16:36:40 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.858	152	131252	20.00	ng		-0.01
21) Naphthalene-d8	10.657	136	521428	20.00	ng		-0.01
39) Acenaphthene-d10	14.498	164	349502	20.00	ng		0.00
64) Phenanthrene-d10	17.251	188	773757	20.00	ng		-0.01
76) Chrysene-d12	21.339	240	875033	20.00	ng		-0.01
86) Perylene-d12	23.757	264	982279	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.446	112	358468	46.32	ng		0.00
7) Phenol-d6	7.034	99	444770	39.71	ng		-0.01
23) Nitrobenzene-d5	9.016	82	249592	25.71	ng		-0.02
42) 2,4,6-Tribromophenol	15.987	330	201994	40.50	ng		-0.01
45) 2-Fluorobiphenyl	13.122	172	620290	25.85	ng		-0.01
79) Terphenyl-d14	19.810	244	1093899	25.46	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.352	88	104	Below Cal		#	1
71) Phenanthrene	17.292	178	148979	3.66	ng		99
75) Fluoranthene	19.263	202	385276	7.51	ng		98
78) Pyrene	19.616	202	406005	7.56	ng		98
81) Benzo(a)anthracene	21.327	228	224246	3.89	ng		95
83) Chrysene	21.380	228	208350	3.82	ng		97
87) Indeno(1,2,3-cd)pyrene	26.262	276	163818	2.24	ng	#	93
88) Benzo(b)fluoranthene	23.021	252	286793	4.95	ng		94
89) Benzo(k)fluoranthene	23.021	252	286793	4.99	ng		94
90) Benzo(a)pyrene	23.645	252	228523	4.56	ng		96
92) Benzo(g,h,i)perylene	27.033	276	175876	2.92	ng		94

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

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QLast Update : Mon Nov 08 16:36:40 2021
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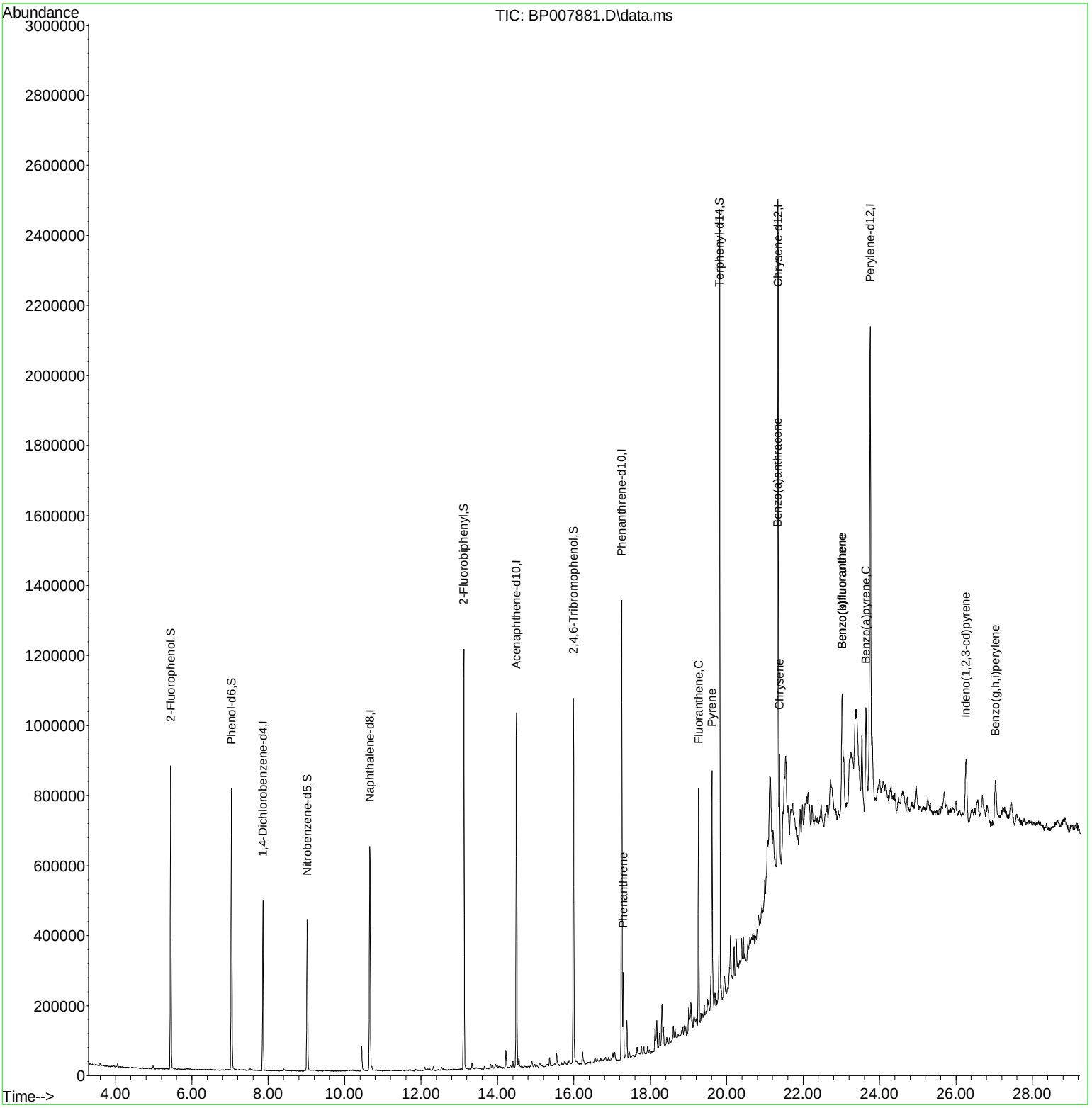
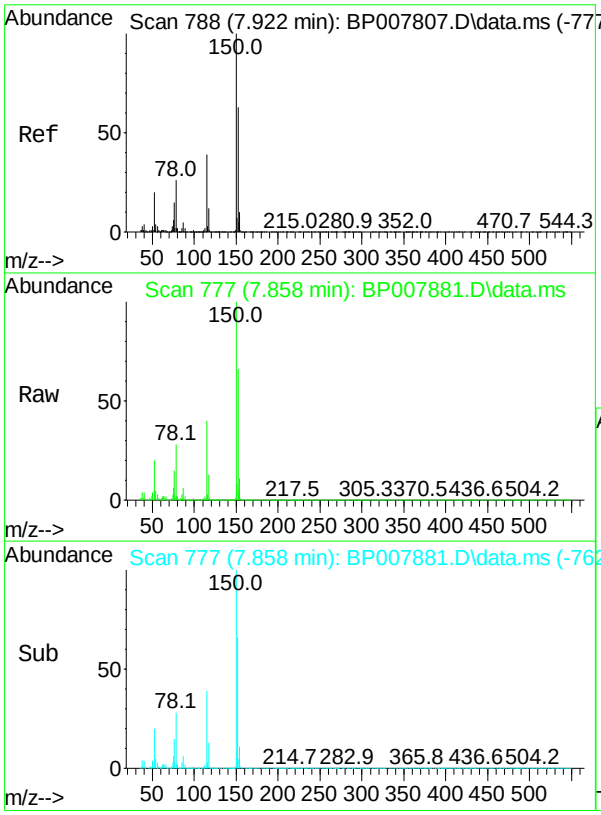


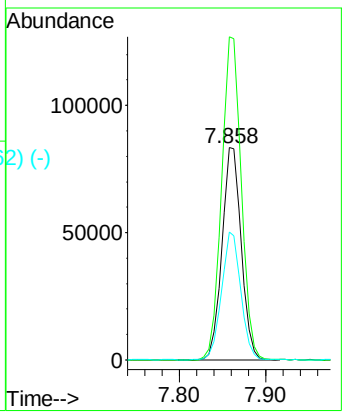


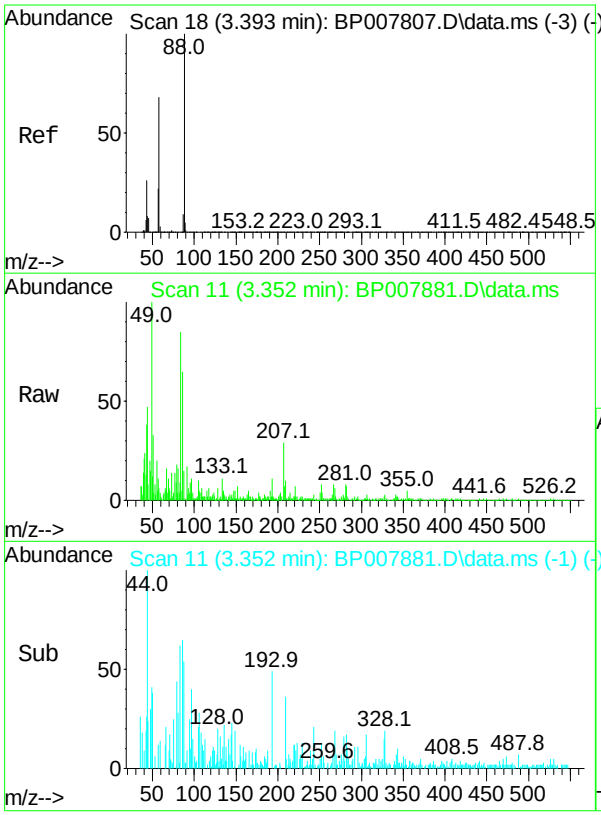
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.858 min Scan# 7
Delta R.T. -0.011 min
Lab File: BP007881.D
Acq: 09 Nov 2021 02:36

Instrument :
BNA_P
ClientSampleId :
OR-02-110521

Tgt Ion:152 Resp: 131252

Ion	Ratio	Lower	Upper
152	100		
150	152.3	124.1	186.1
115	60.2	48.1	72.1

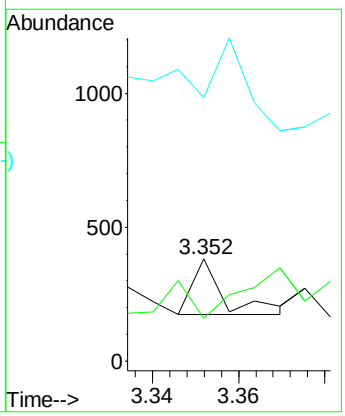


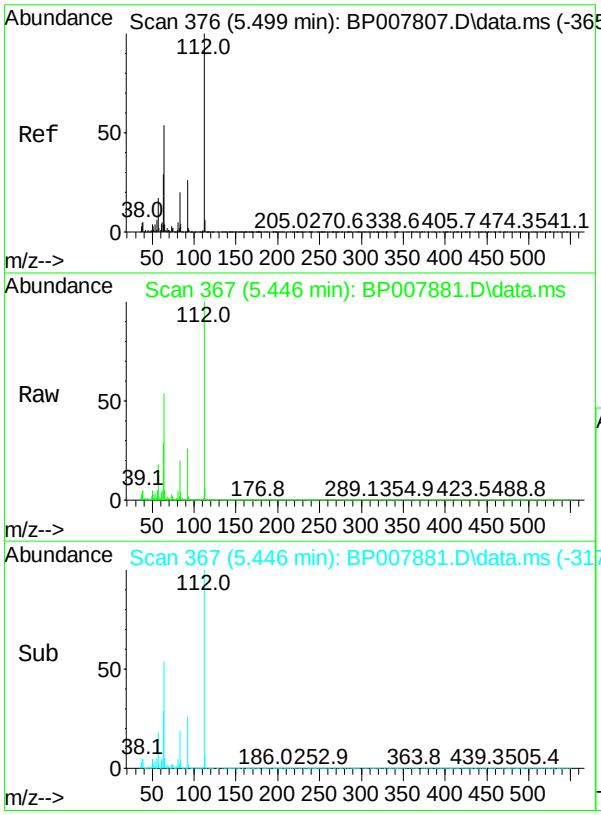


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.352 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP007881.D
Acq: 09 Nov 2021 02:36

Tgt Ion: 88 Resp: 104

Ion	Ratio	Lower	Upper
88	100		
58	180.8	58.1	87.1#
43	0.0	22.2	33.4#



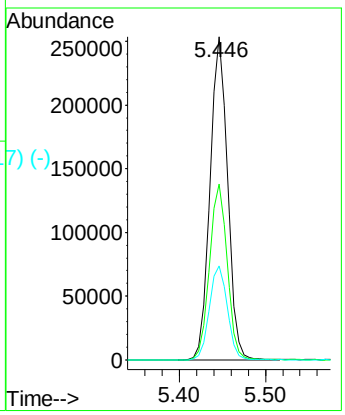


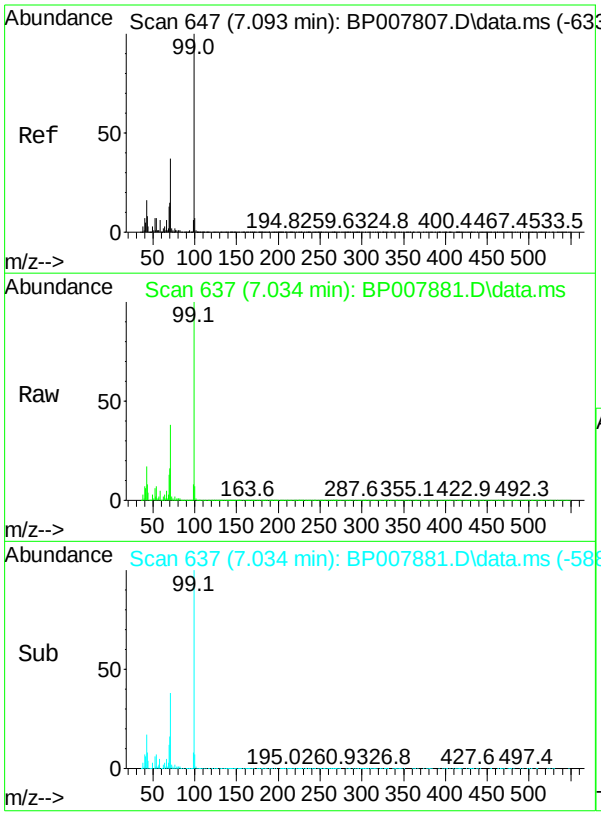
#5
2-Fluorophenol
Concen: 46.32 ng
RT: 5.446 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP007881.D
Acq: 09 Nov 2021 02:36

Instrument :
BNA_P
ClientSampleId :
OR-02-110521

Tgt Ion:112 Resp: 358468

Ion	Ratio	Lower	Upper
112	100		
64	54.5	46.6	70.0
63	29.2	25.0	37.6

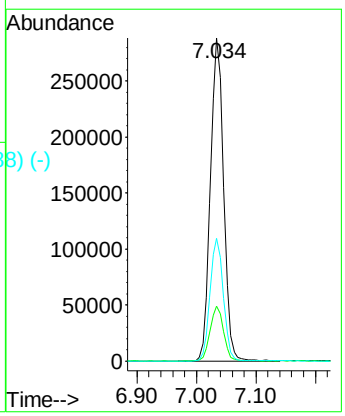


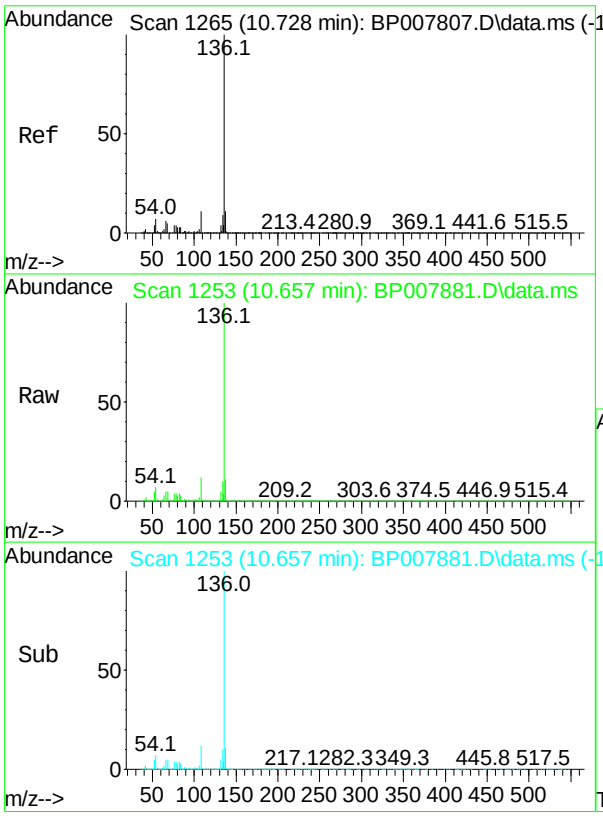


#7
Phenol-d6
Concen: 39.71 ng
RT: 7.034 min Scan# 637
Delta R.T. -0.012 min
Lab File: BP007881.D
Acq: 09 Nov 2021 02:36

Tgt Ion: 99 Resp: 444770

Ion	Ratio	Lower	Upper
99	100		
42	17.1	14.9	22.3
71	38.0	29.2	43.8



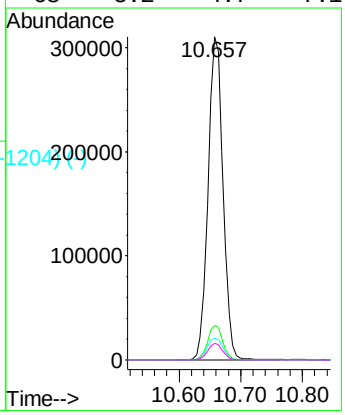


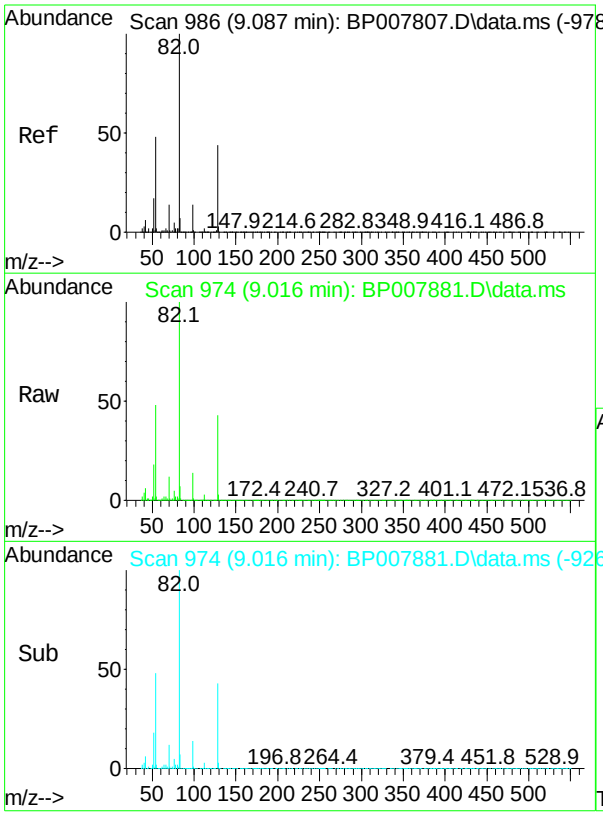
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.657 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP007881.D
Acq: 09 Nov 2021 02:36

Instrument :
BNA_P
ClientSampleId :
OR-02-110521

Tgt Ion:136 Resp: 521428

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	6.8	6.2	9.4
68	5.2	4.7	7.1

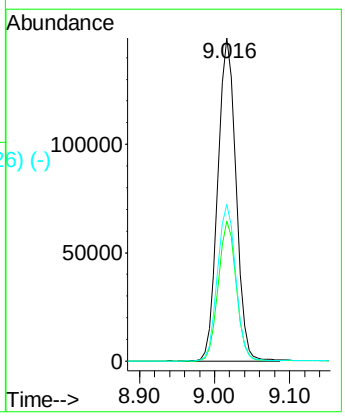


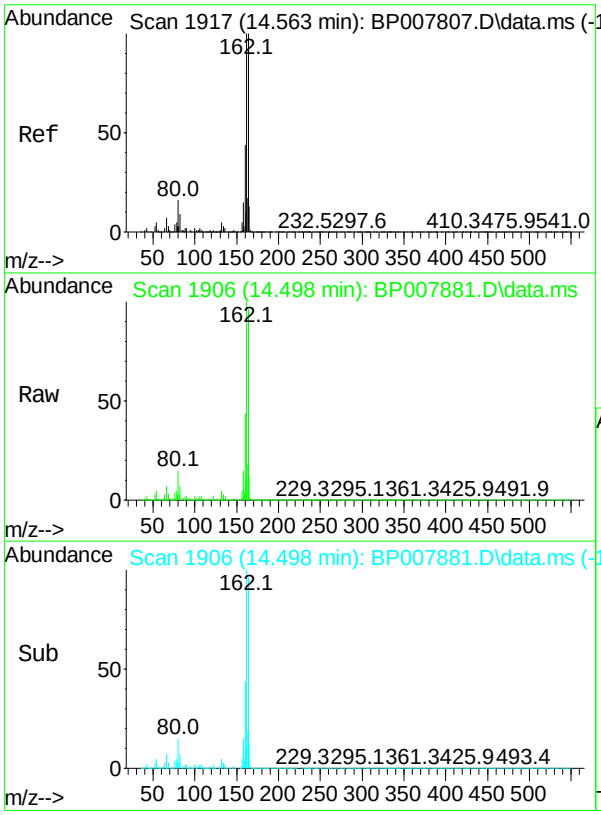


#23
Nitrobenzene-d5
Concen: 25.71 ng
RT: 9.016 min Scan# 974
Delta R.T. -0.018 min
Lab File: BP007881.D
Acq: 09 Nov 2021 02:36

Tgt Ion: 82 Resp: 249592

Ion	Ratio	Lower	Upper
82	100		
128	43.4	32.6	48.8
54	48.4	40.4	60.6



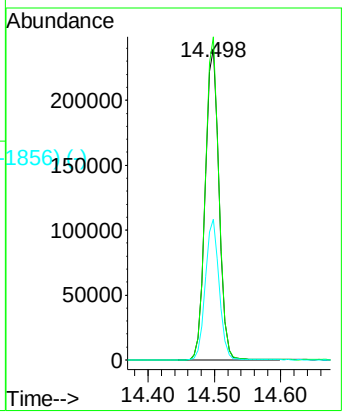


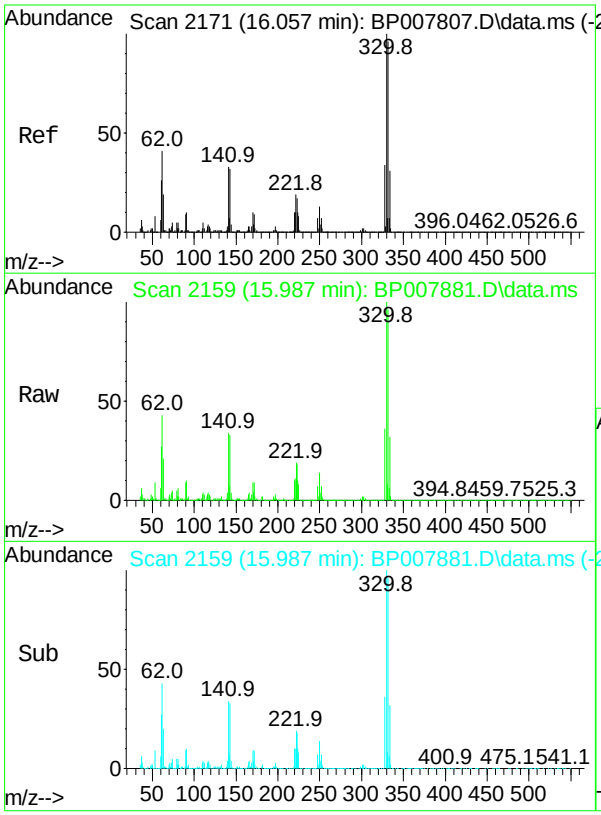
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.498 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP007881.D
Acq: 09 Nov 2021 02:36

Instrument :
BNA_P
ClientSampleId :
OR-02-110521

Tgt Ion:164 Resp: 349502

Ion	Ratio	Lower	Upper
164	100		
162	104.0	81.1	121.7
160	45.4	36.0	54.0

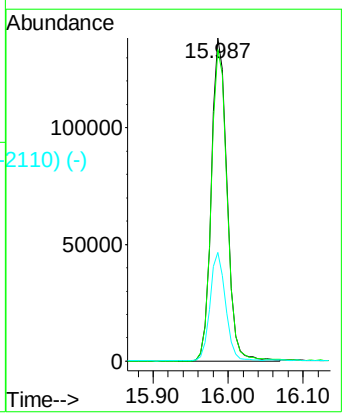


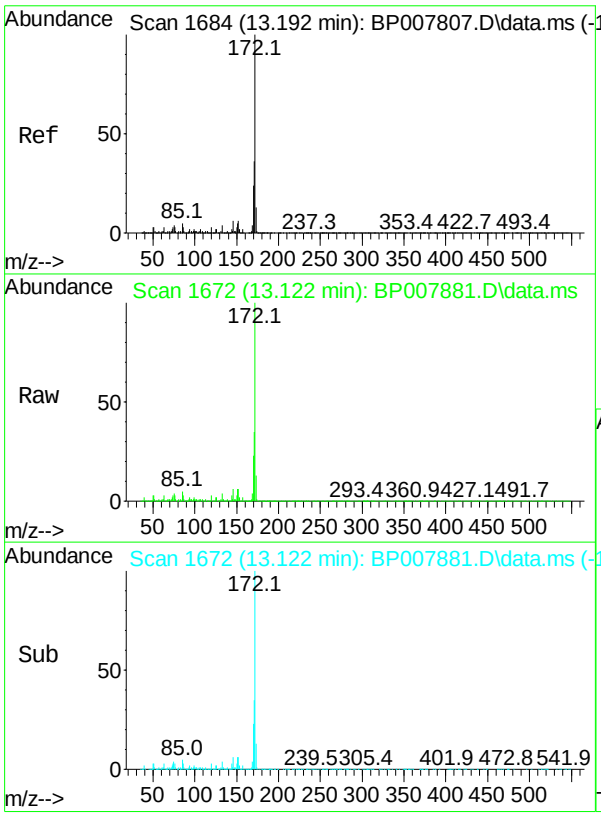


#42
2,4,6-Tribromophenol
Concen: 40.50 ng
RT: 15.987 min Scan# 2159
Delta R.T. -0.012 min
Lab File: BP007881.D
Acq: 09 Nov 2021 02:36

Tgt Ion:330 Resp: 201994

Ion	Ratio	Lower	Upper
330	100		
332	98.1	78.9	118.3
141	33.3	30.7	46.1



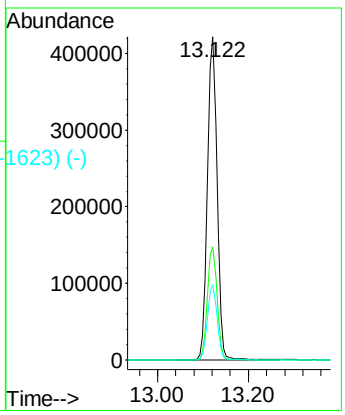


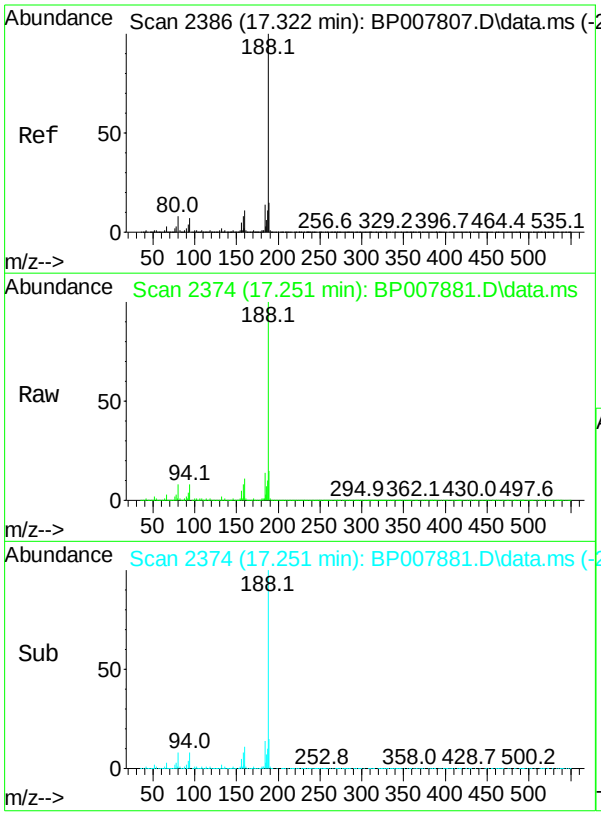
#45
2-Fluorobiphenyl
Concen: 25.85 ng
RT: 13.122 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP007881.D
Acq: 09 Nov 2021 02:36

Instrument :
BNA_P
ClientSampleId :
OR-02-110521

Tgt Ion:172 Resp: 620290

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.2	42.2
170	23.4	19.0	28.4

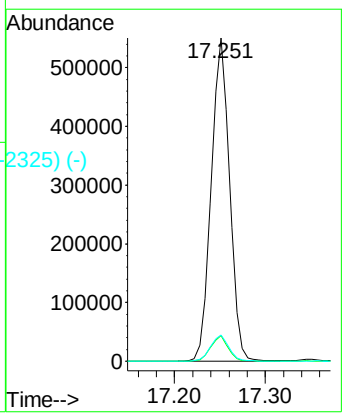


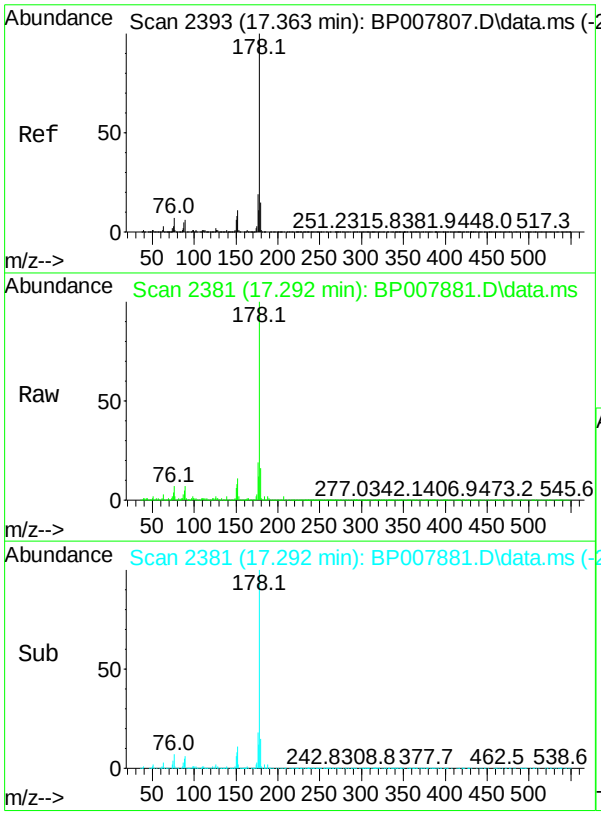


#84
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.251 min Scan# 2374
Delta R.T. -0.012 min
Lab File: BP007881.D
Acq: 09 Nov 2021 02:36

Tgt Ion:188 Resp: 773757

Ion	Ratio	Lower	Upper
188	100		
94	7.9	7.1	10.7
80	8.1	7.8	11.6



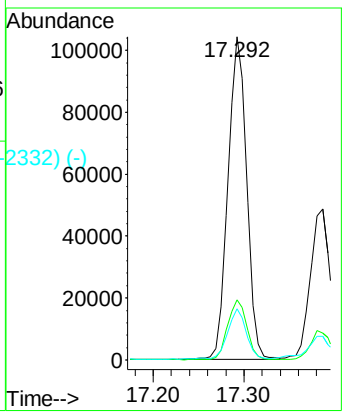


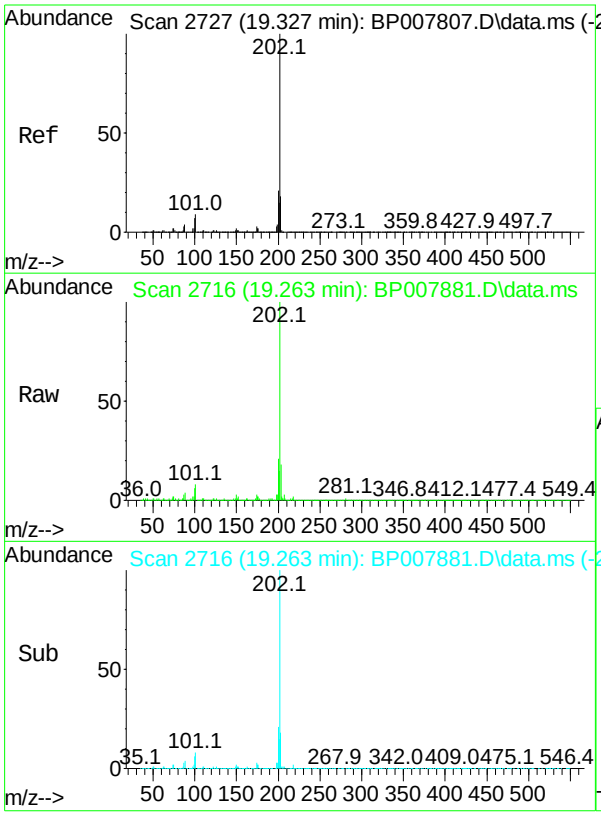
#71
Phenanthrene
Concen: 3.66 ng
RT: 17.292 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP007881.D
Acq: 09 Nov 2021 02:36

Instrument :
BNA_P
ClientSampleId :
OR-02-110521

Tgt Ion:178 Resp: 148979

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.0
179	15.8	12.3	18.5

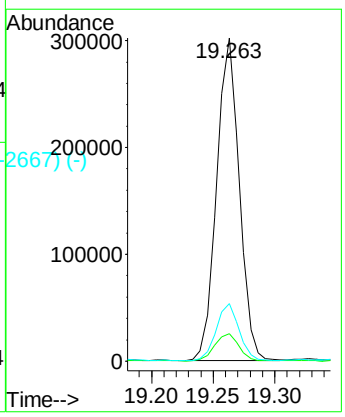


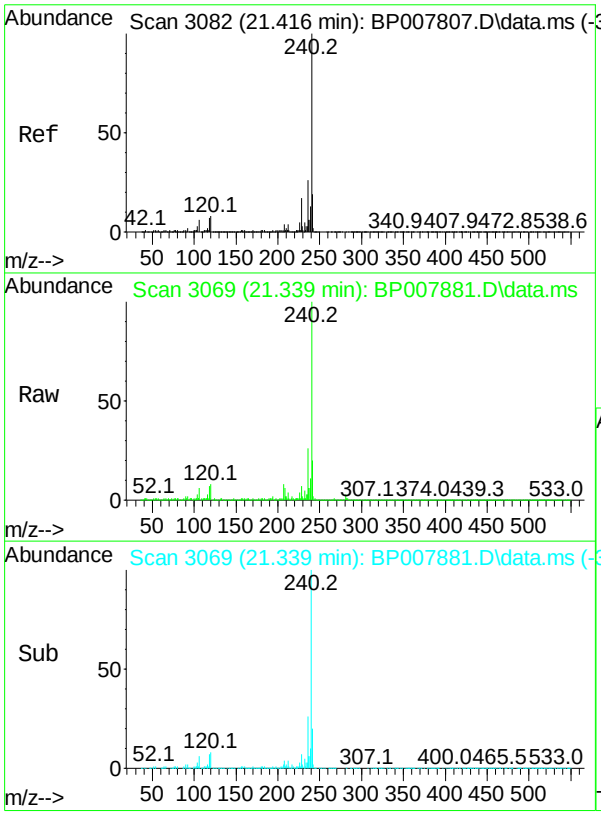


#75
Fluoranthene
Concen: 7.51 ng
RT: 19.263 min Scan# 2716
Delta R.T. -0.012 min
Lab File: BP007881.D
Acq: 09 Nov 2021 02:36

Tgt Ion:202 Resp: 385276

Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	30.4
203	17.8	0.0	37.6



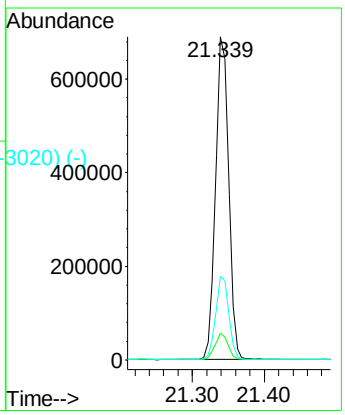


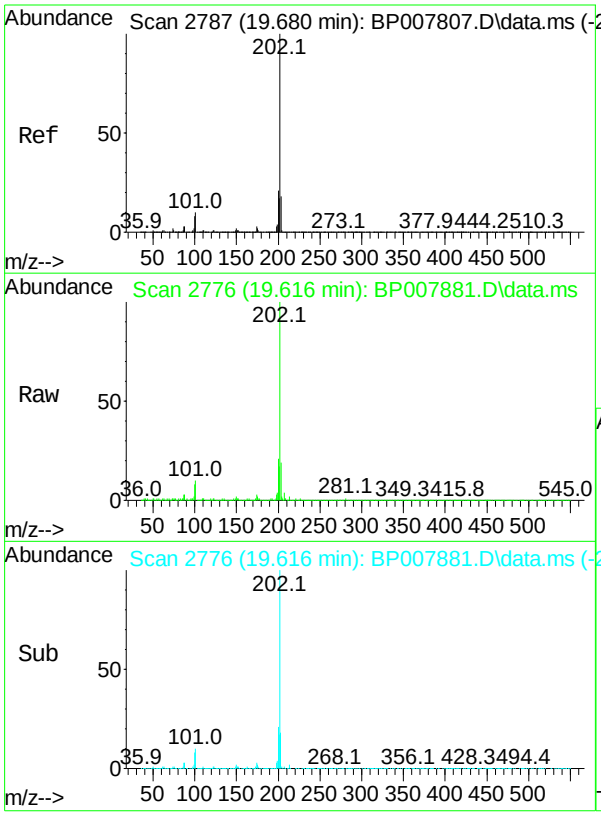
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.339 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP007881.D
Acq: 09 Nov 2021 02:36

Instrument :
BNA_P
ClientSampleId :
OR-02-110521

Tgt Ion:240 Resp: 875033

Ion	Ratio	Lower	Upper
240	100		
120	8.4	7.8	11.8
236	25.9	20.6	30.8

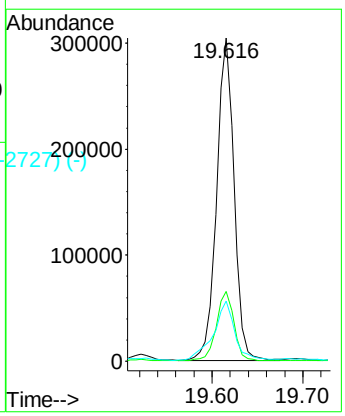


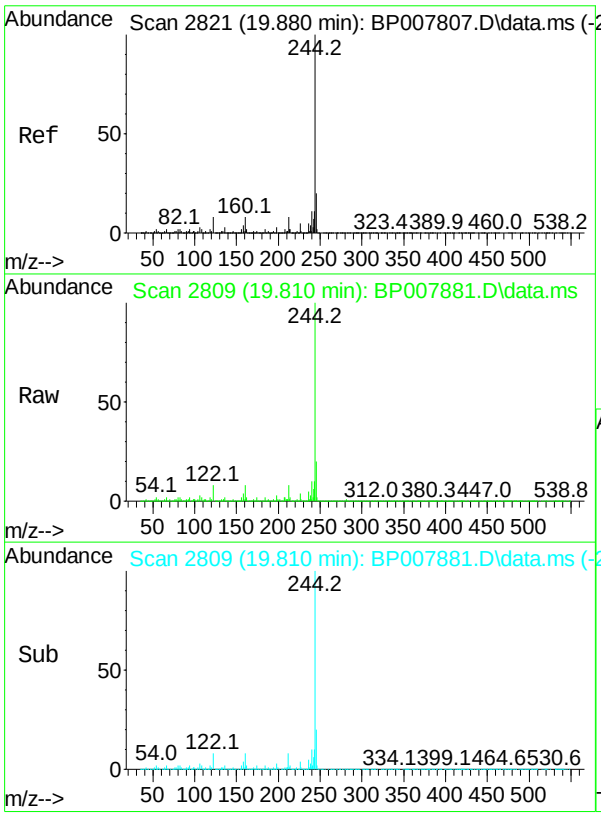


#78
Pyrene
Concen: 7.56 ng
RT: 19.616 min Scan# 2776
Delta R.T. -0.012 min
Lab File: BP007881.D
Acq: 09 Nov 2021 02:36

Tgt Ion:202 Resp: 406005

Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.9	25.3
203	18.5	13.8	20.6



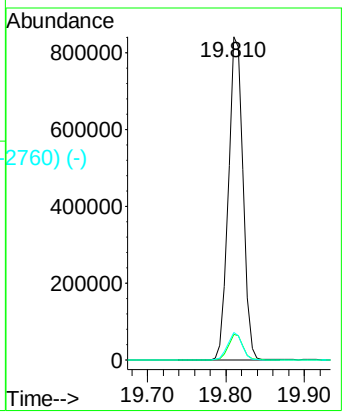


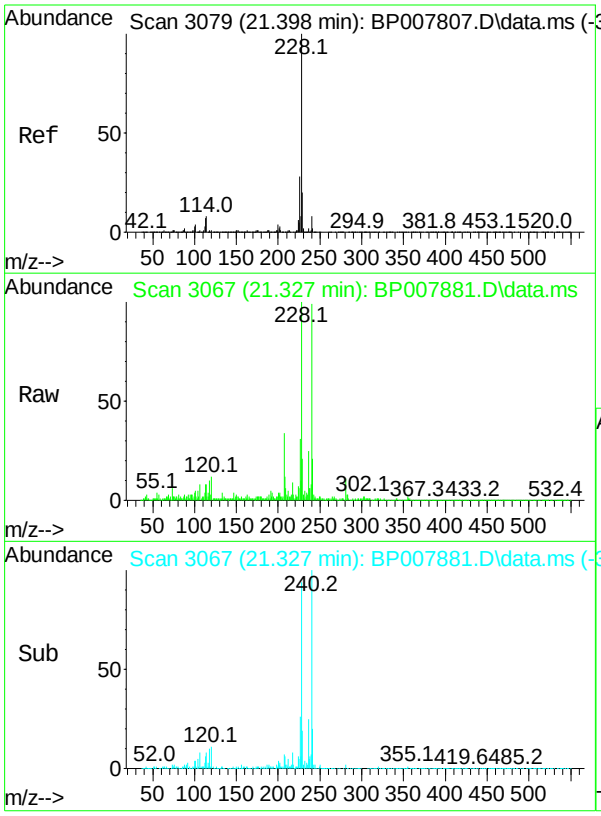
#79
Terphenyl-d14
Concen: 25.46 ng
RT: 19.810 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP007881.D
Acq: 09 Nov 2021 02:36

Instrument :
BNA_P
ClientSampleId :
OR-02-110521

Tgt Ion:244 Resp: 1093899

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.2	9.2
122	8.4	7.8	11.8

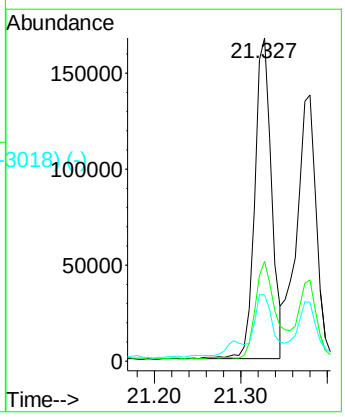


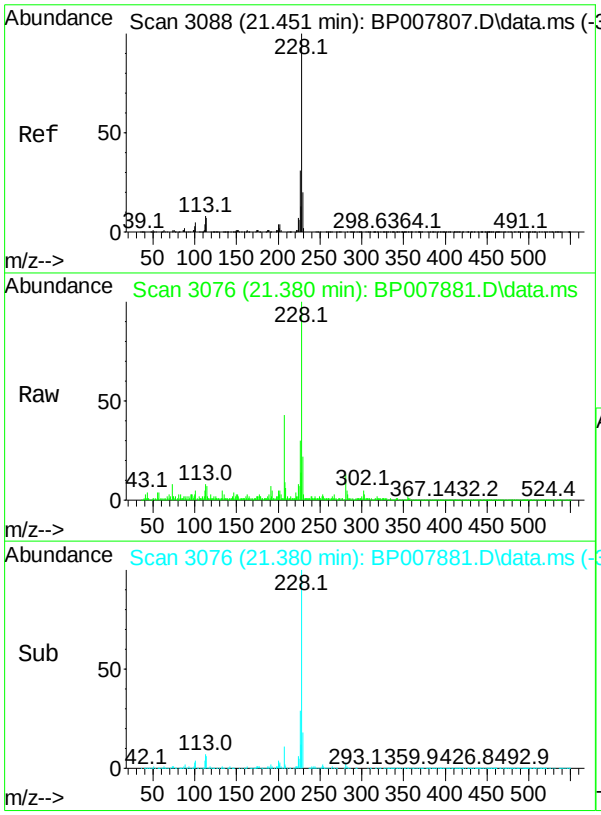


#81
Benzo(a)anthracene
Concen: 3.89 ng
RT: 21.327 min Scan# 3067
Delta R.T. -0.012 min
Lab File: BP007881.D
Acq: 09 Nov 2021 02:36

Tgt Ion:228 Resp: 224246

Ion	Ratio	Lower	Upper
228	100		
226	31.0	21.8	32.6
229	20.7	15.7	23.5



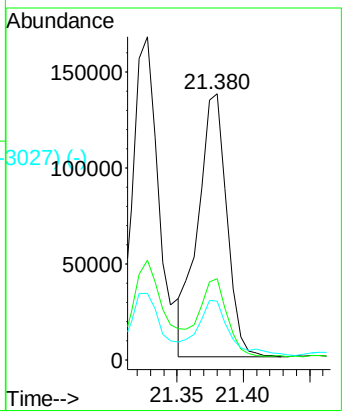


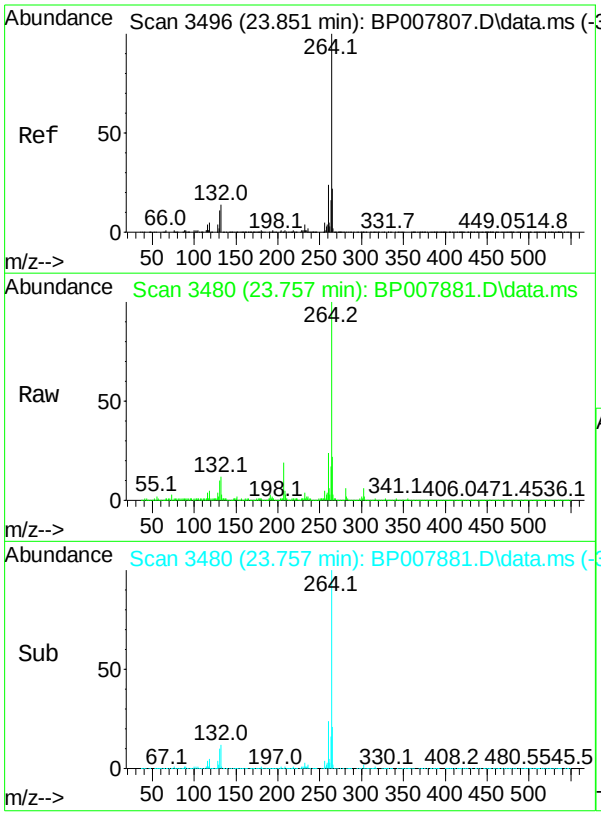
#88 (-)
Chrysene
Concen: 3.82 ng
RT: 21.380 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP007881.D
Acq: 09 Nov 2021 02:36

Instrument :
BNA_P
ClientSampleId :
OR-02-110521

Tgt Ion:228 Resp: 208350

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.6	37.0
229	22.2	15.7	23.5

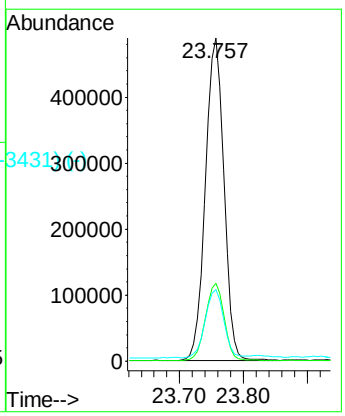


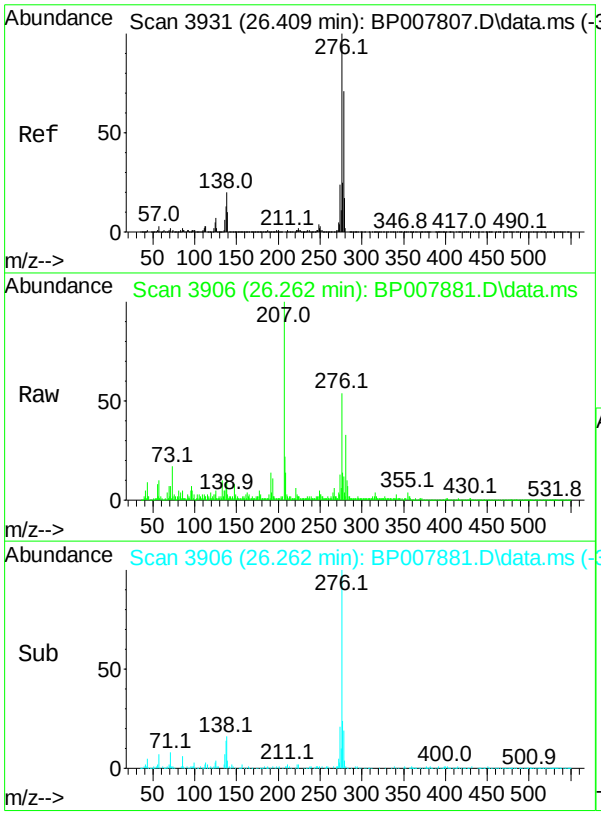


#86 (-)
Perylene-d12
Concen: 20.00 ng
RT: 23.757 min Scan# 3480
Delta R.T. -0.012 min
Lab File: BP007881.D
Acq: 09 Nov 2021 02:36

Tgt Ion:264 Resp: 982279

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.1	28.7
265	22.1	16.7	25.1



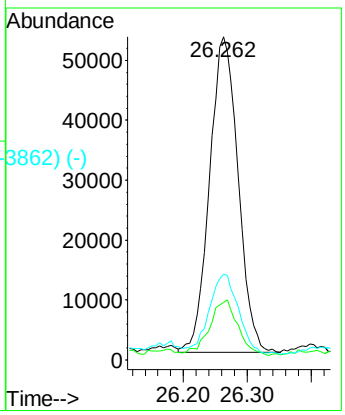


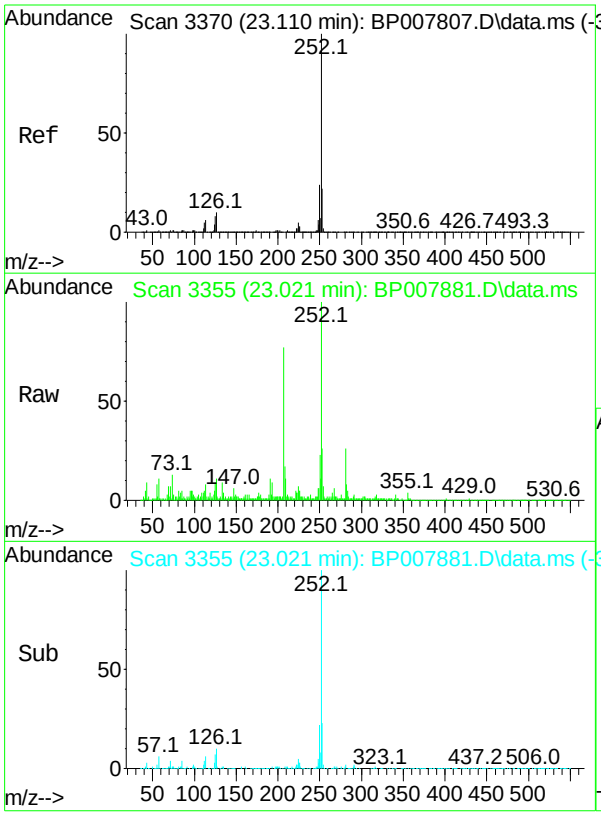
#87
Indeno(1,2,3-cd)pyrene
Concen: 2.24 ng
RT: 26.262 min Scan# 1
Delta R.T. -0.041 min
Lab File: BP007881.D
Acq: 09 Nov 2021 02:36

Instrument :
BNA_P
ClientSampleId :
OR-02-110521

Tgt Ion:276 Resp: 163818

Ion	Ratio	Lower	Upper
276	100		
138	17.4	19.4	29.0#
277	25.4	20.2	30.2

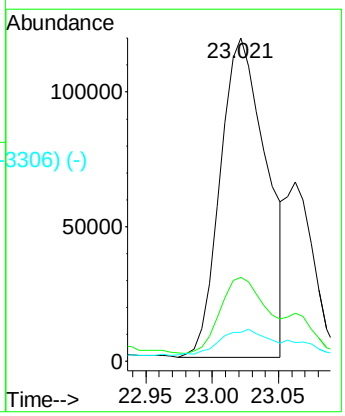


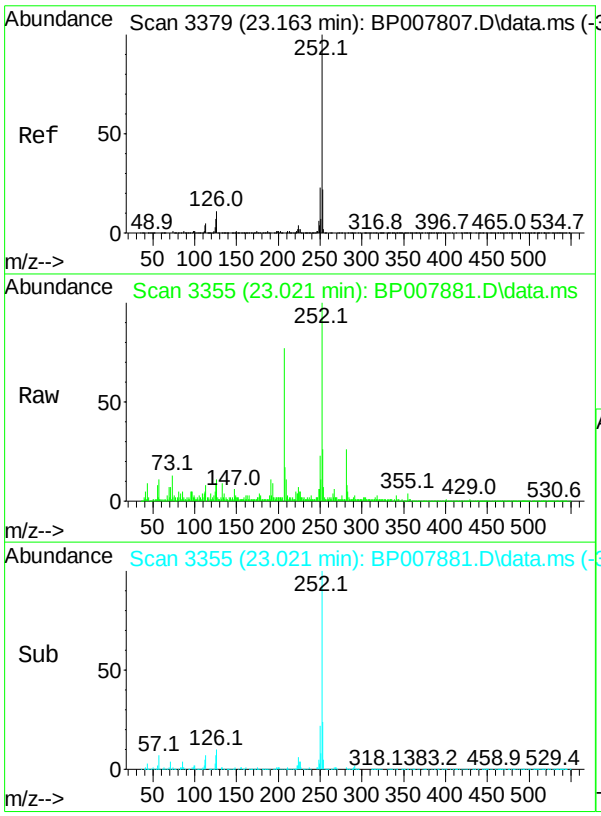


#88
Benzo(b)fluoranthene
Concen: 4.95 ng
RT: 23.021 min Scan# 3355
Delta R.T. -0.012 min
Lab File: BP007881.D
Acq: 09 Nov 2021 02:36

Tgt Ion:252 Resp: 286793

Ion	Ratio	Lower	Upper
252	100		
253	26.0	17.4	26.2
125	8.9	7.4	11.0



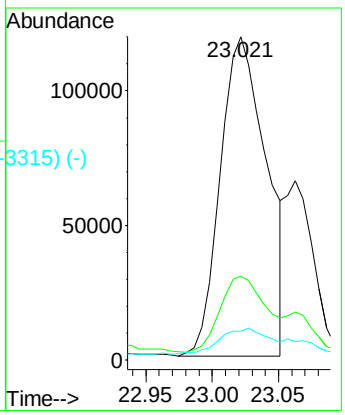


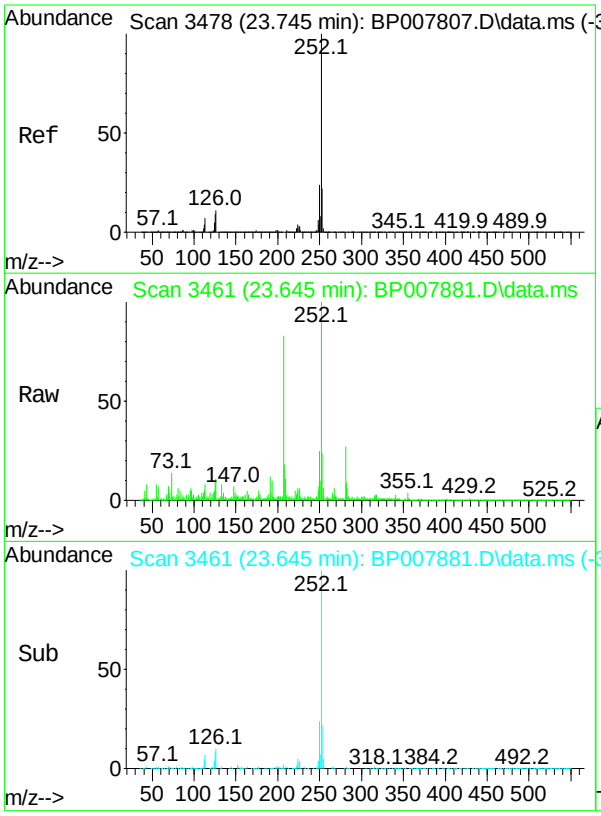
#89
Benzo(k)fluoranthene
Concen: 4.99 ng
RT: 23.021 min Scan# 3355
Delta R.T. -0.065 min
Lab File: BP007881.D
Acq: 09 Nov 2021 02:36

Instrument :
BNA_P
ClientSampleId :
OR-02-110521

Tgt Ion:252 Resp: 286793

Ion	Ratio	Lower	Upper
252	100		
253	26.0	17.6	26.4
125	8.9	7.4	11.0

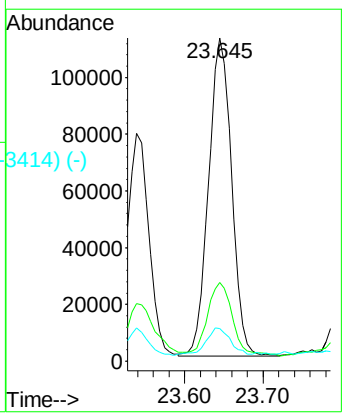


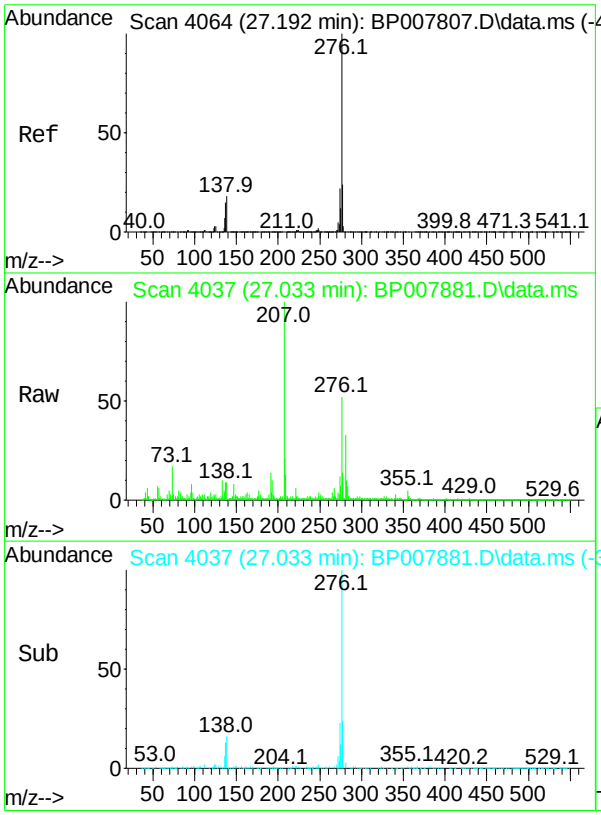


#90
Benzo(a)pyrene
Concen: 4.56 ng
RT: 23.645 min Scan# 3461
Delta R.T. -0.023 min
Lab File: BP007881.D
Acq: 09 Nov 2021 02:36

Tgt Ion:252 Resp: 228523

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.6	26.4
125	10.1	8.4	12.6





#92
Benzo(g,h,i)perylene
Concen: 2.92 ng
RT: 27.033 min Scan# 4
Delta R.T. -0.047 min
Lab File: BP007881.D
Acq: 09 Nov 2021 02:36

Instrument :
BNA_P
ClientSampleId :
OR-02-110521

Tgt Ion:276 Resp: 175876

Ion	Ratio	Lower	Upper
276	100		
277	26.6	19.4	29.0
138	17.4	16.2	24.4