Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110121\
Data File : BP007802.D
Acq On : 01 Nov 2021 21:12
Operator : CG/JU
Sample : M4424-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
T2-B2-S

Quant Time: Nov 02 01:51:44 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP101321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 02 01:43:06 2021
Response via : Initial Calibration

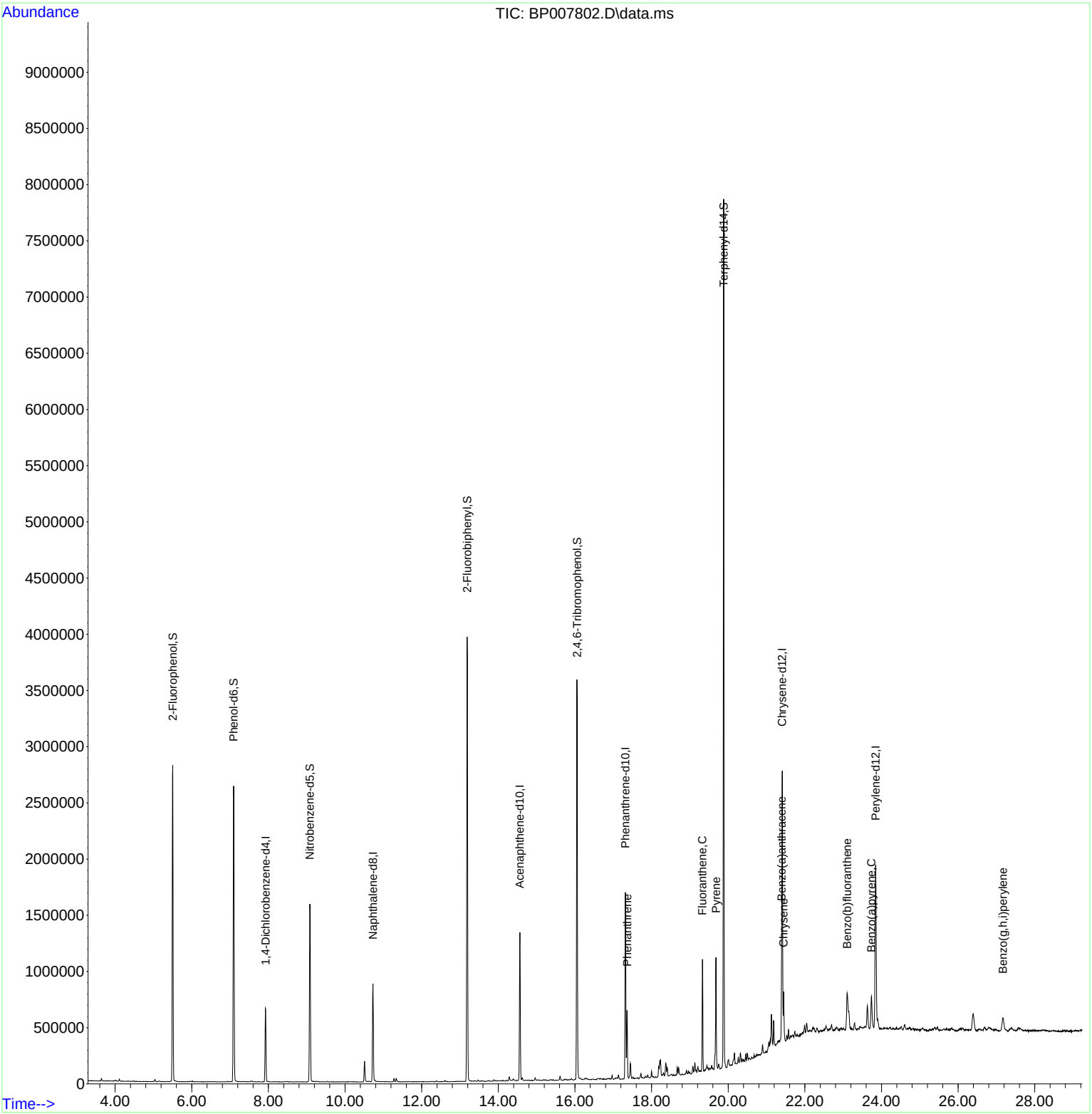
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	185030	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	719471	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	464459	20.000	ng	-0.01
64) Phenanthrene-d10	17.316	188	1020523	20.000	ng	-0.01
76) Chrysene-d12	21.410	240	1112531	20.000	ng	-0.01
86) Perylene-d12	23.845	264	1174252	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.505	112	1227539	109.959	ng	0.00
7) Phenol-d6	7.093	99	1531826	101.847	ng	0.00
23) Nitrobenzene-d5	9.081	82	926079	79.436	ng	-0.01
42) 2,4,6-Tribromophenol	16.057	330	669887	138.952	ng	0.00
45) 2-Fluorobiphenyl	13.187	172	2114210	69.578	ng	-0.01
79) Terphenyl-d14	19.881	244	3411693	62.111	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	17.363	178	382781	7.258	ng	99
75) Fluoranthene	19.328	202	582620	9.113	ng	99
78) Pyrene	19.681	202	575302	7.804	ng	99
81) Benzo(a)anthracene	21.392	228	257753	3.531	ng	98
83) Chrysene	21.445	228	252474	3.661	ng	98
88) Benzo(b)fluoranthene	23.104	252	317960	4.567	ng	97
90) Benzo(a)pyrene	23.739	252	225516	3.808	ng	98
92) Benzo(g,h,i)perylene	27.168	276	166012	2.403	ng	97

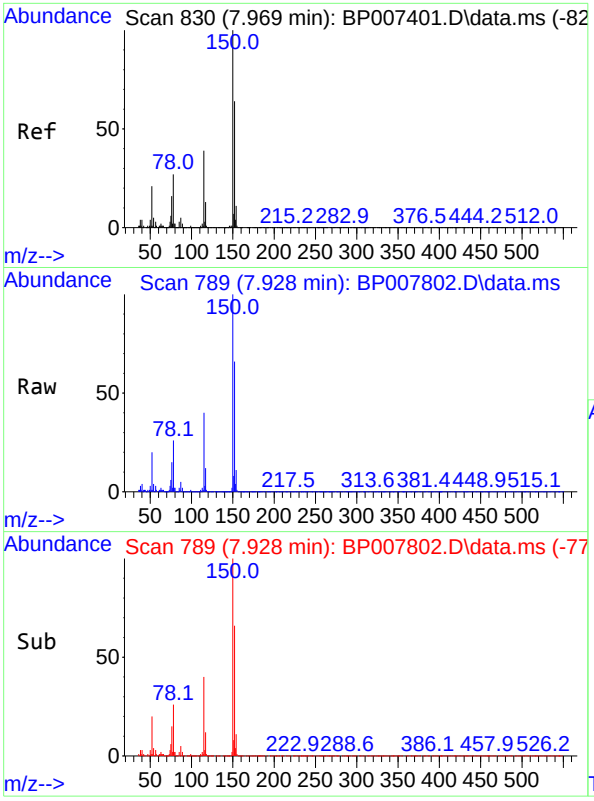
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110121\
Data File : BP007802.D
Acq On : 01 Nov 2021 21:12
Operator : CG/JU
Sample : M4424-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
T2-B2-S

Quant Time: Nov 02 01:51:44 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP101321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 02 01:43:06 2021
Response via : Initial Calibration



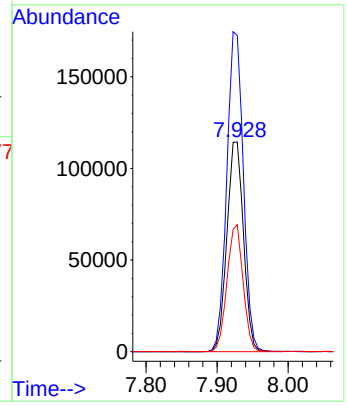


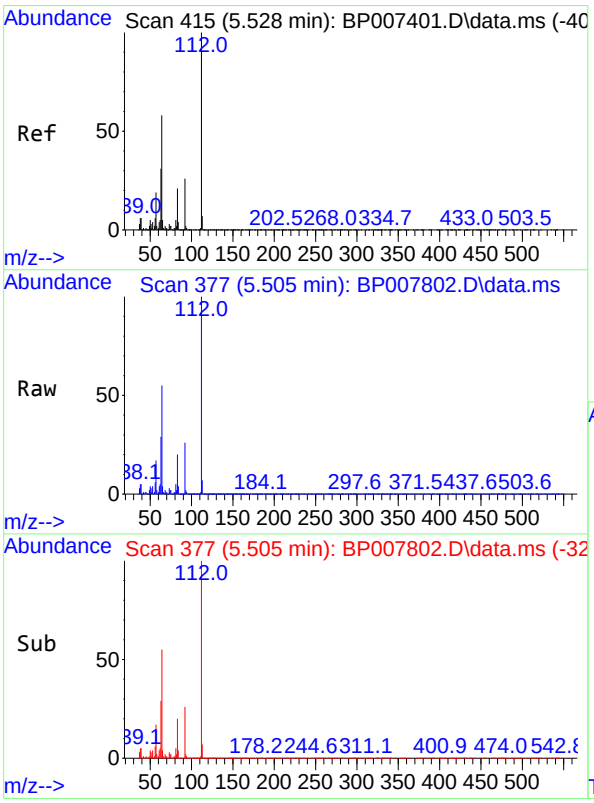
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.928 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP007802.D
Acq: 01 Nov 2021 21:12

Instrument :
BNA_P
ClientSampleId :
T2-B2-S

Tgt Ion:152 Resp: 185030

Ion	Ratio	Lower	Upper
152	100		
150	150.9	124.1	186.1
115	60.6	48.1	72.1

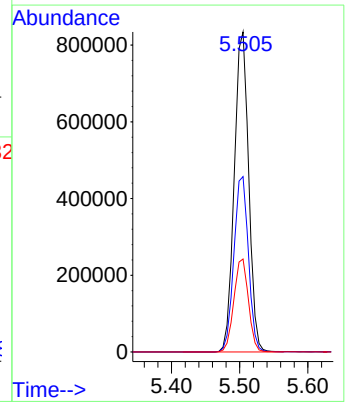


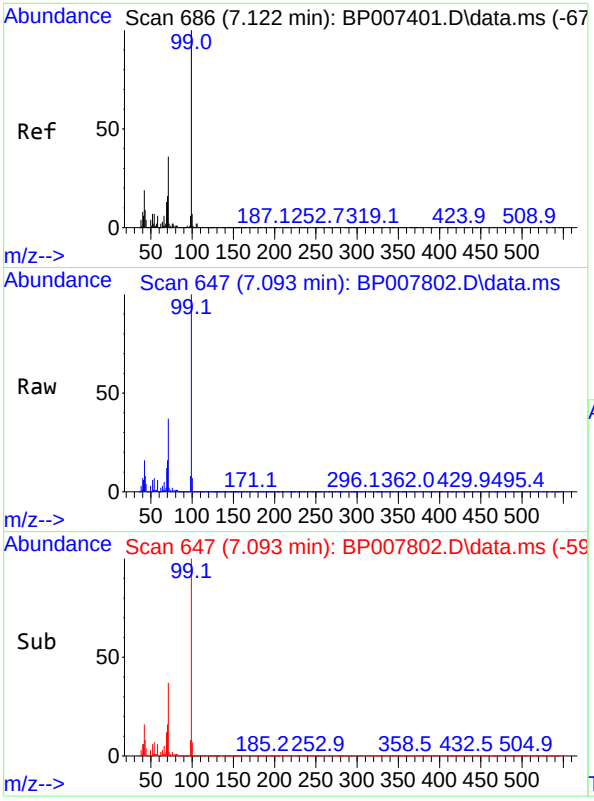


#5
2-Fluorophenol
Concen: 109.959 ng
RT: 5.505 min Scan# 377
Delta R.T. 0.000 min
Lab File: BP007802.D
Acq: 01 Nov 2021 21:12

Tgt Ion:112 Resp: 1227539

Ion	Ratio	Lower	Upper
112	100		
64	54.8	46.6	70.0
63	29.1	25.0	37.6



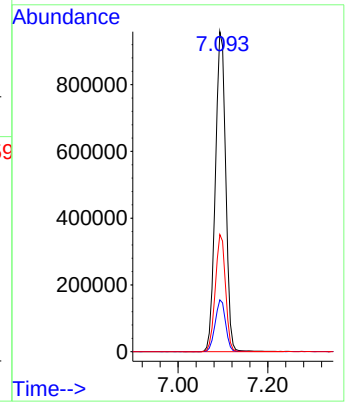


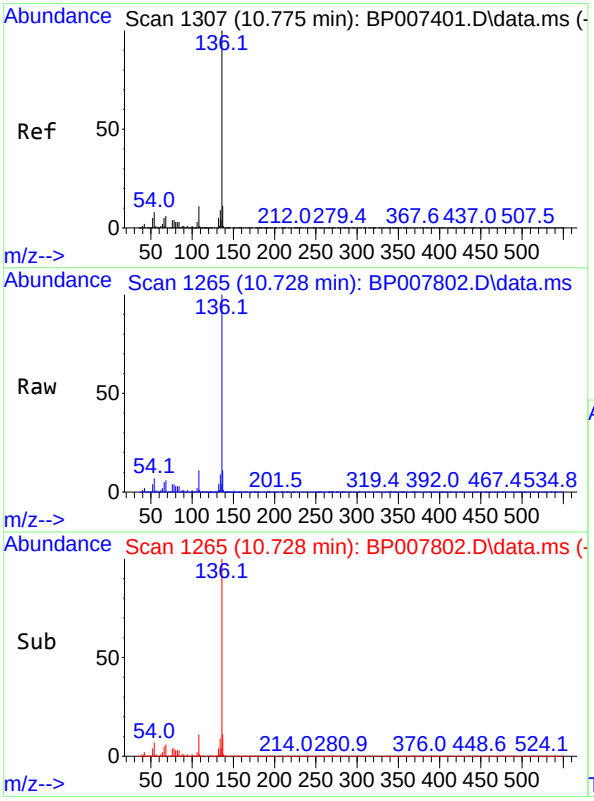
#7
Phenol-d6
Concen: 101.847 ng
RT: 7.093 min Scan# 64
Delta R.T. -0.006 min
Lab File: BP007802.D
Acq: 01 Nov 2021 21:12

Instrument :
BNA_P
ClientSampleId :
T2-B2-S

Tgt Ion: 99 Resp: 1531826

Ion	Ratio	Lower	Upper
99	100		
42	16.2	14.9	22.3
71	36.6	29.2	43.8

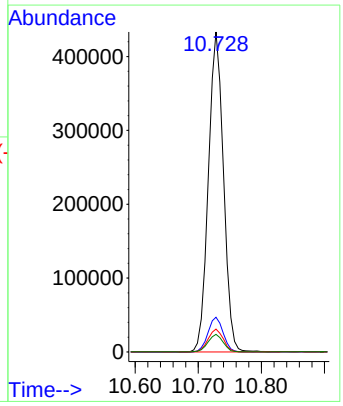


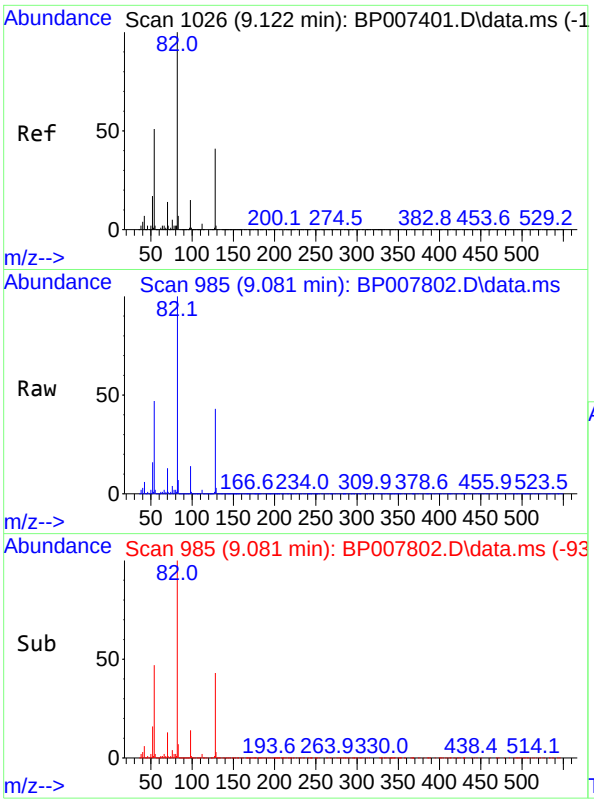


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.728 min Scan# 1265
Delta R.T. -0.006 min
Lab File: BP007802.D
Acq: 01 Nov 2021 21:12

Tgt Ion:136 Resp: 719471

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	7.1	6.2	9.4
68	5.5	4.7	7.1



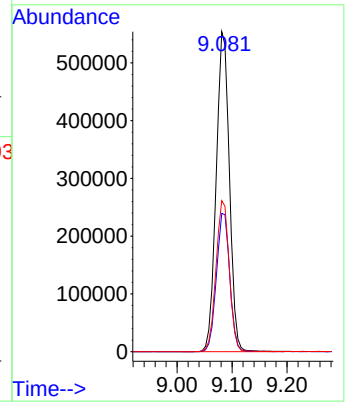


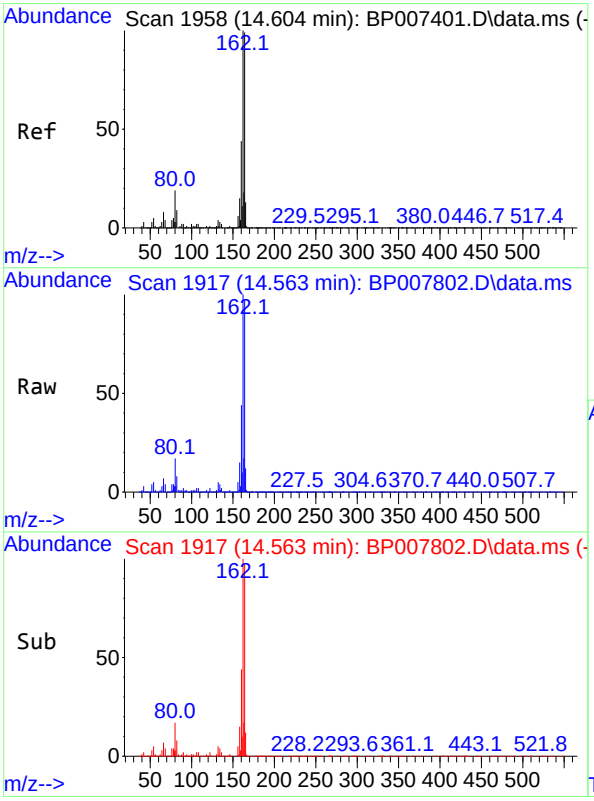
#23
Nitrobenzene-d5
Concen: 79.436 ng
RT: 9.081 min Scan# 9
Delta R.T. -0.012 min
Lab File: BP007802.D
Acq: 01 Nov 2021 21:12

Instrument :
BNA_P
ClientSampleId :
T2-B2-S

Tgt Ion: 82 Resp: 926079

Ion	Ratio	Lower	Upper
82	100		
128	43.2	32.6	48.8
54	47.2	40.4	60.6

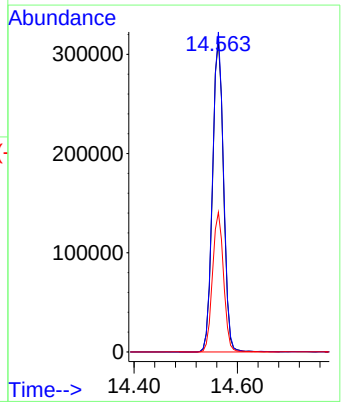


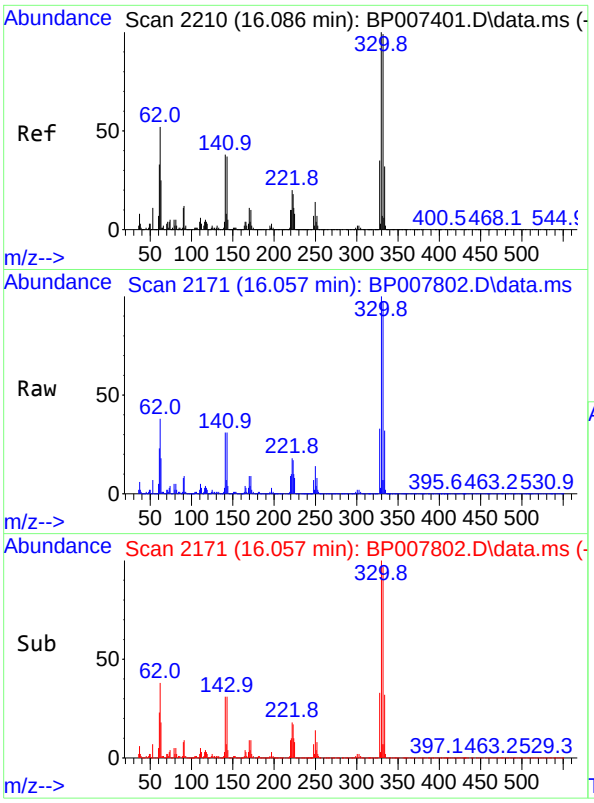


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1917
Delta R.T. -0.012 min
Lab File: BP007802.D
Acq: 01 Nov 2021 21:12

Tgt Ion:164 Resp: 464459

Ion	Ratio	Lower	Upper
164	100		
162	103.0	81.1	121.7
160	45.0	36.0	54.0



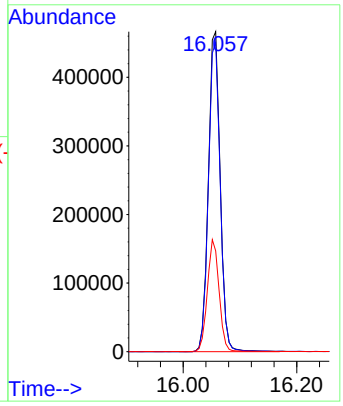


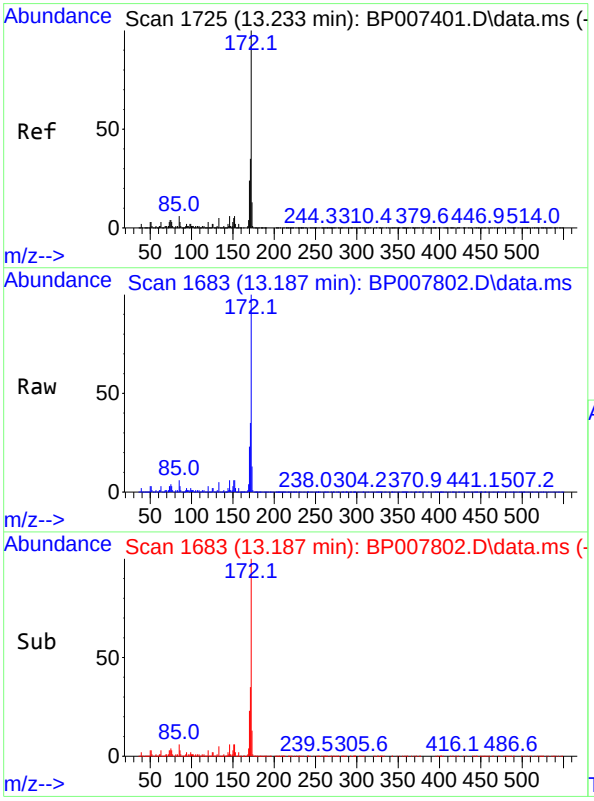
#42
2,4,6-Tribromophenol
Concen: 138.952 ng
RT: 16.057 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP007802.D
Acq: 01 Nov 2021 21:12

Instrument :
BNA_P
ClientSampleId :
T2-B2-S

Tgt Ion:330 Resp: 669887

Ion	Ratio	Lower	Upper
330	100		
332	96.8	78.9	118.3
141	34.8	30.7	46.1

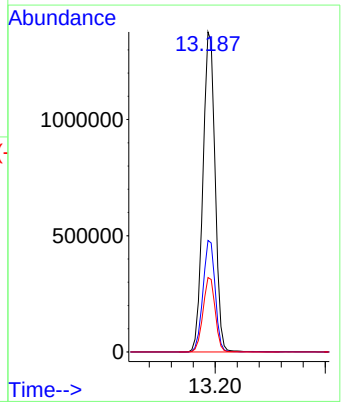


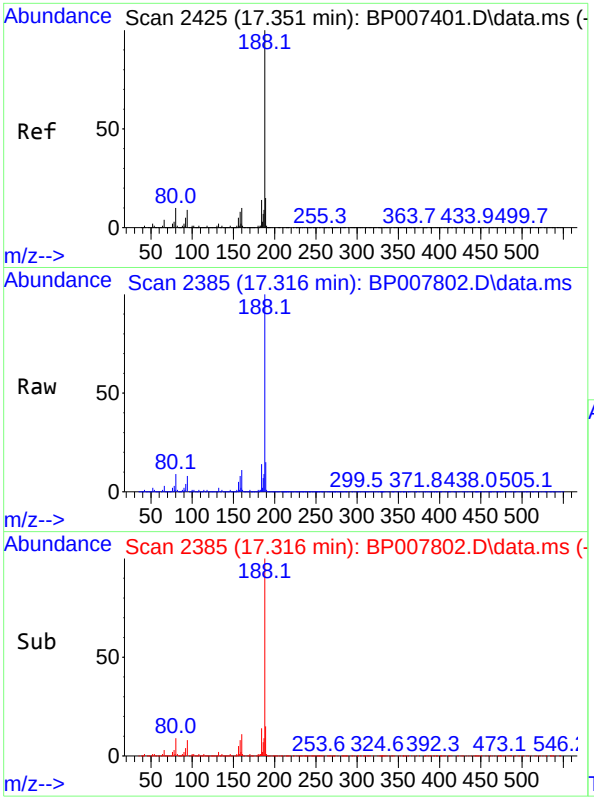


#45
2-Fluorobiphenyl
Concen: 69.578 ng
RT: 13.187 min Scan# 1683
Delta R.T. -0.012 min
Lab File: BP007802.D
Acq: 01 Nov 2021 21:12

Tgt Ion:172 Resp: 2114210

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.2	42.2
170	23.2	19.0	28.4



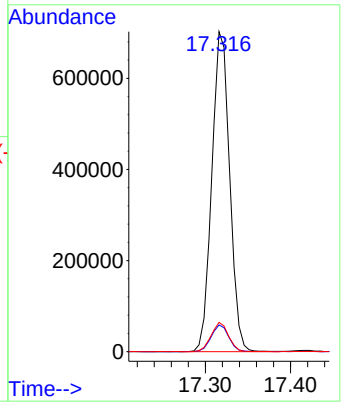


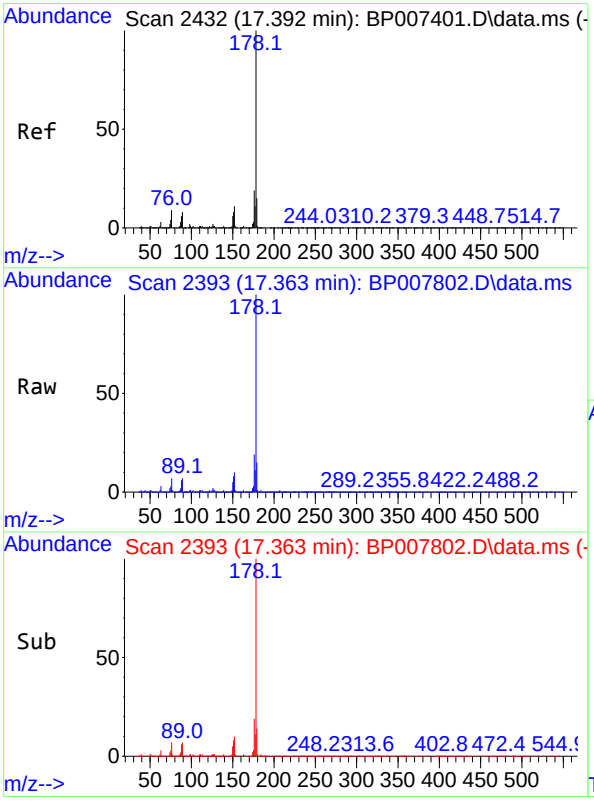
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.316 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP007802.D
Acq: 01 Nov 2021 21:12

Instrument :
BNA_P
ClientSampleId :
T2-B2-S

Tgt Ion:188 Resp: 1020523

Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.1	10.7
80	9.2	7.8	11.6

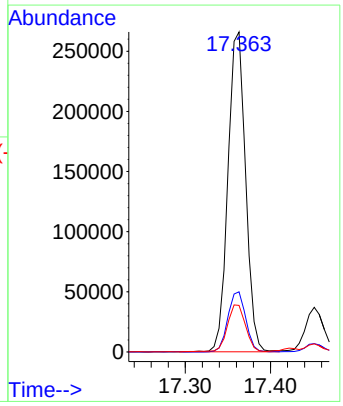


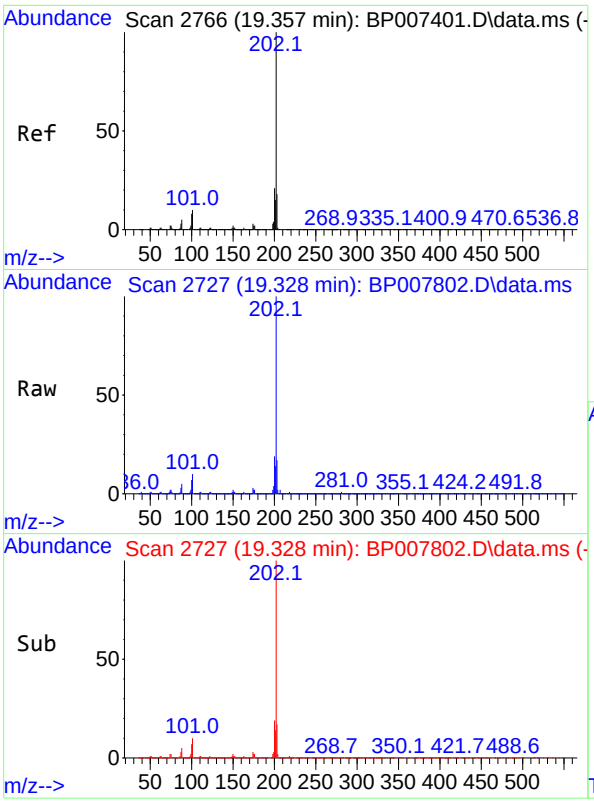


#71
Phenanthrene
Concen: 7.258 ng
RT: 17.363 min Scan# 2393
Delta R.T. -0.012 min
Lab File: BP007802.D
Acq: 01 Nov 2021 21:12

Tgt Ion:178 Resp: 382781

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.0
179	14.5	12.3	18.5



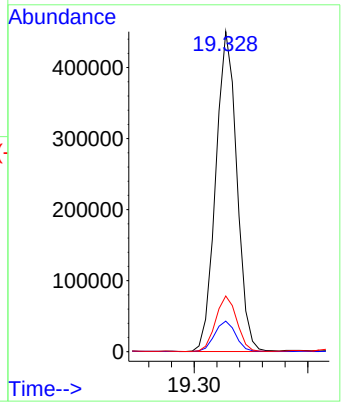


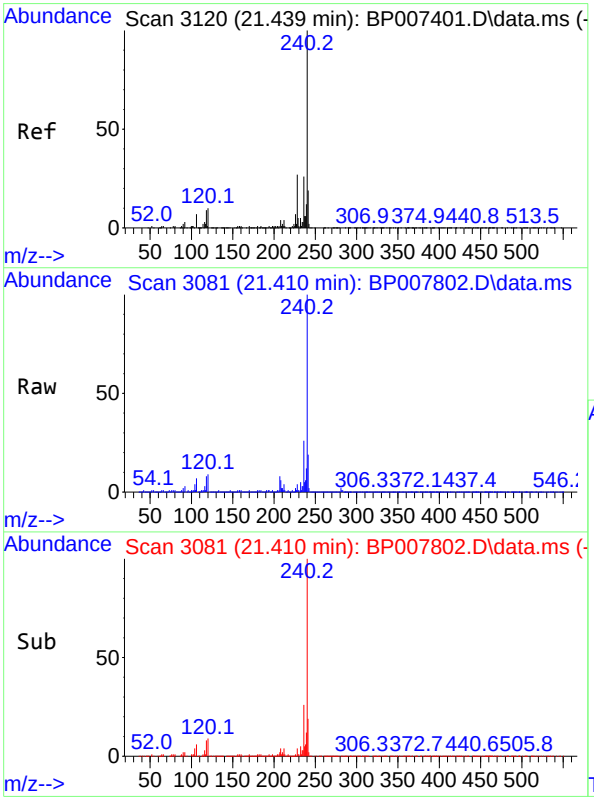
#75
Fluoranthene
Concen: 9.113 ng
RT: 19.328 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP007802.D
Acq: 01 Nov 2021 21:12

Instrument :
BNA_P
ClientSampleId :
T2-B2-S

Tgt Ion:202 Resp: 582620

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	30.4
203	17.4	0.0	37.6

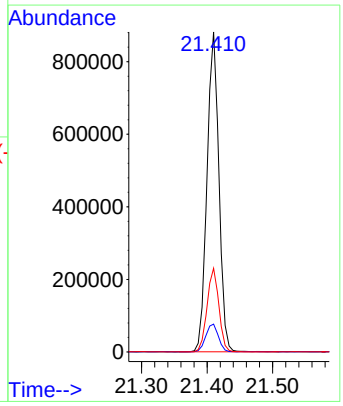


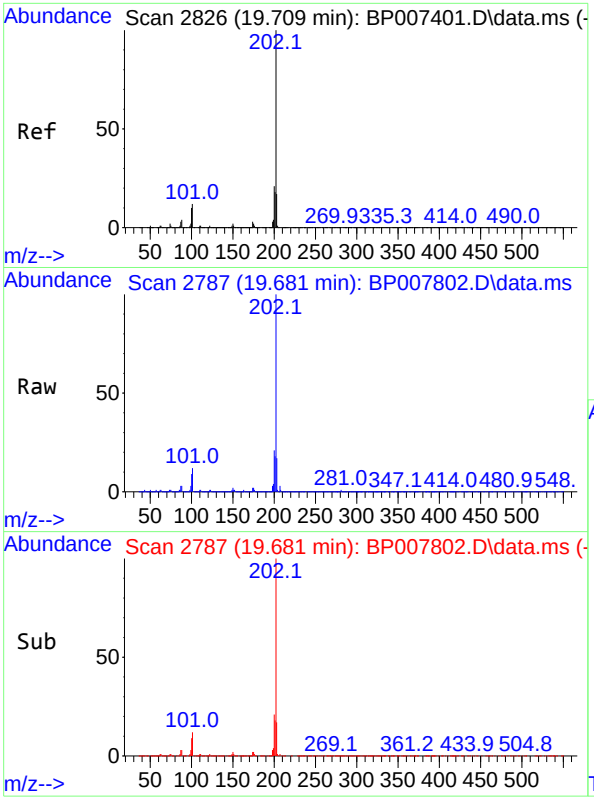


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.410 min Scan# 3081
Delta R.T. -0.012 min
Lab File: BP007802.D
Acq: 01 Nov 2021 21:12

Tgt Ion:240 Resp: 1112531

Ion	Ratio	Lower	Upper
240	100		
120	8.7	7.8	11.8
236	26.1	20.6	30.8



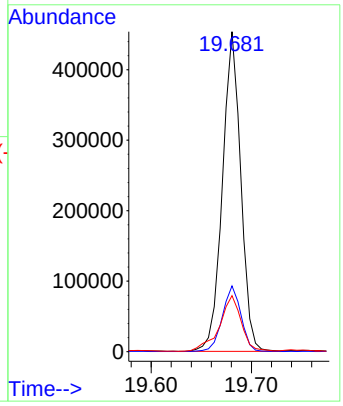


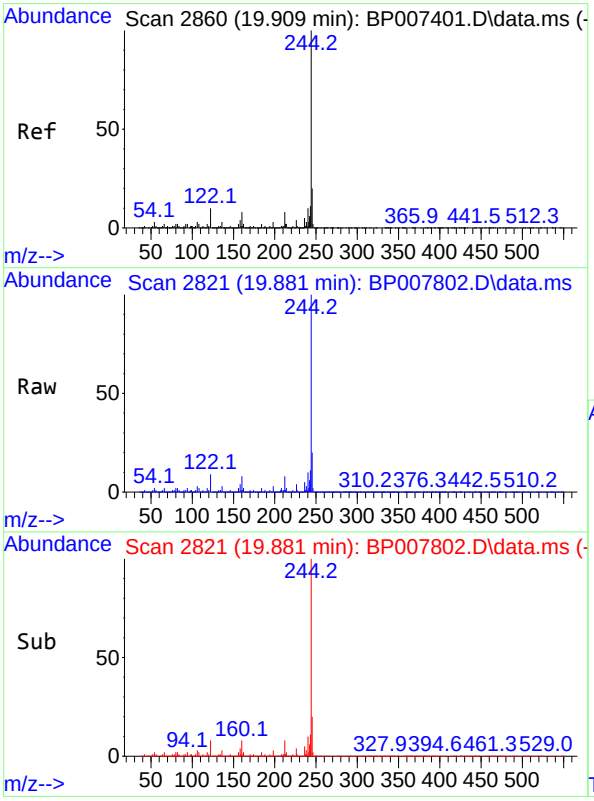
#78
Pyrene
Concen: 7.804 ng
RT: 19.681 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP007802.D
Acq: 01 Nov 2021 21:12

Instrument :
BNA_P
ClientSampleId :
T2-B2-S

Tgt Ion:202 Resp: 575302

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.9	25.3
203	17.5	13.8	20.6

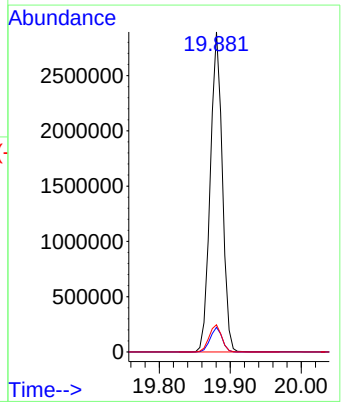


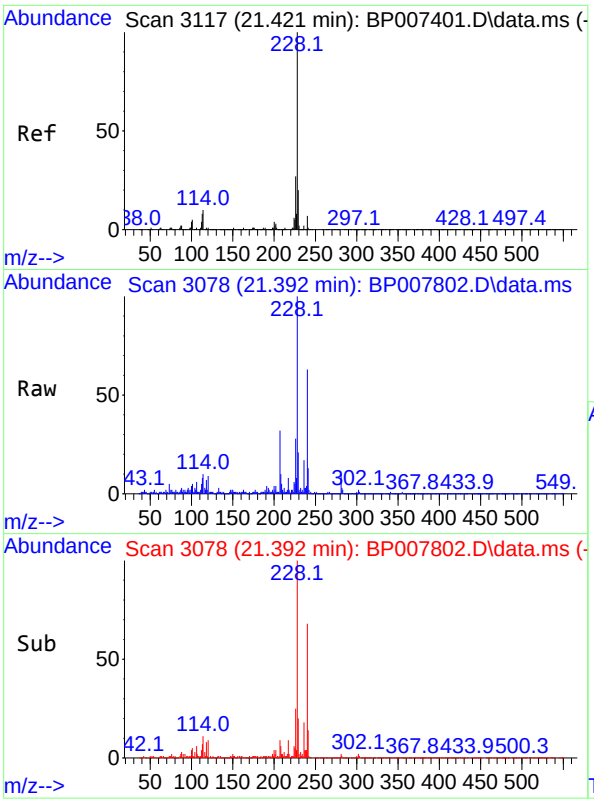


#79
Terphenyl-d14
Concen: 62.111 ng
RT: 19.881 min Scan# 2821
Delta R.T. -0.012 min
Lab File: BP007802.D
Acq: 01 Nov 2021 21:12

Tgt Ion:244 Resp: 3411693

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	8.5	7.8	11.8



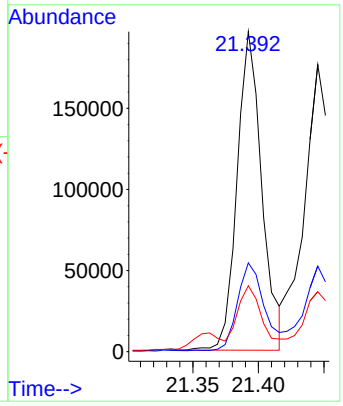


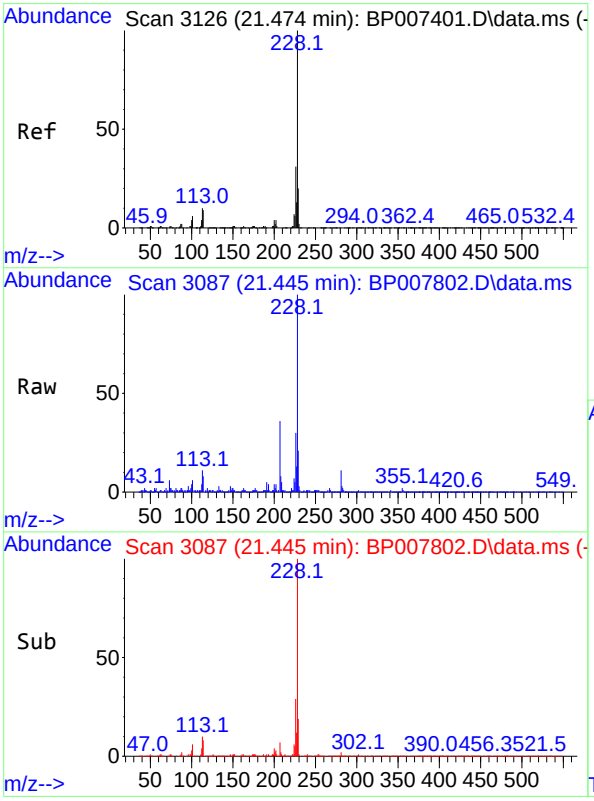
#81
Benzo(a)anthracene
Concen: 3.531 ng
RT: 21.392 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP007802.D
Acq: 01 Nov 2021 21:12

Instrument :
BNA_P
ClientSampleId :
T2-B2-S

Tgt Ion:228 Resp: 257753

Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.8	32.6
229	20.6	15.7	23.5

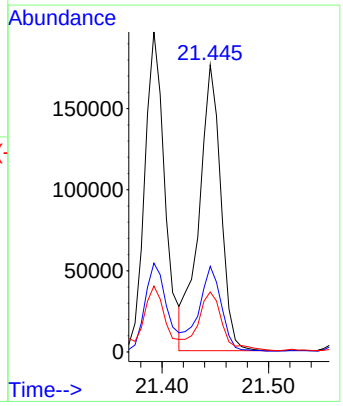


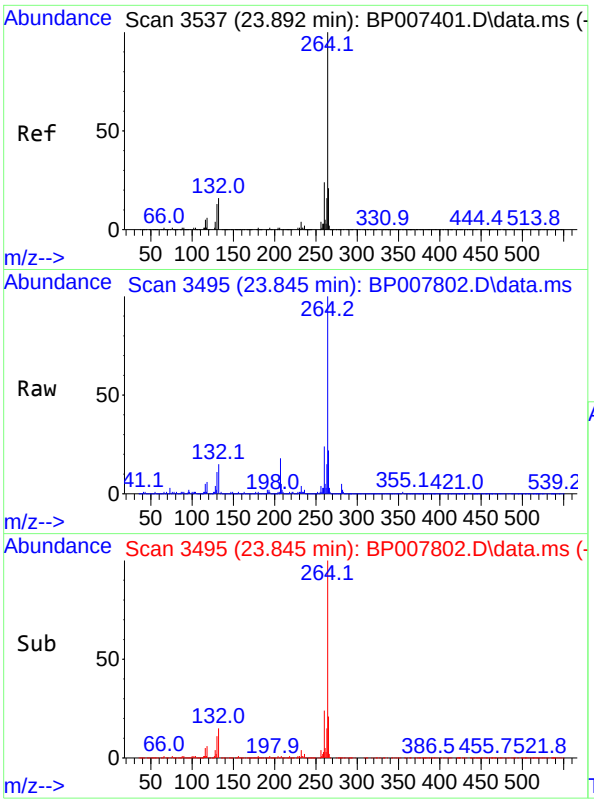


#83
Chrysene
Concen: 3.661 ng
RT: 21.445 min Scan# 3087
Delta R.T. -0.018 min
Lab File: BP007802.D
Acq: 01 Nov 2021 21:12

Tgt Ion:228 Resp: 252474

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.6	37.0
229	20.9	15.7	23.5



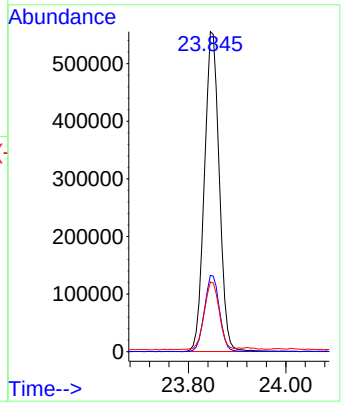


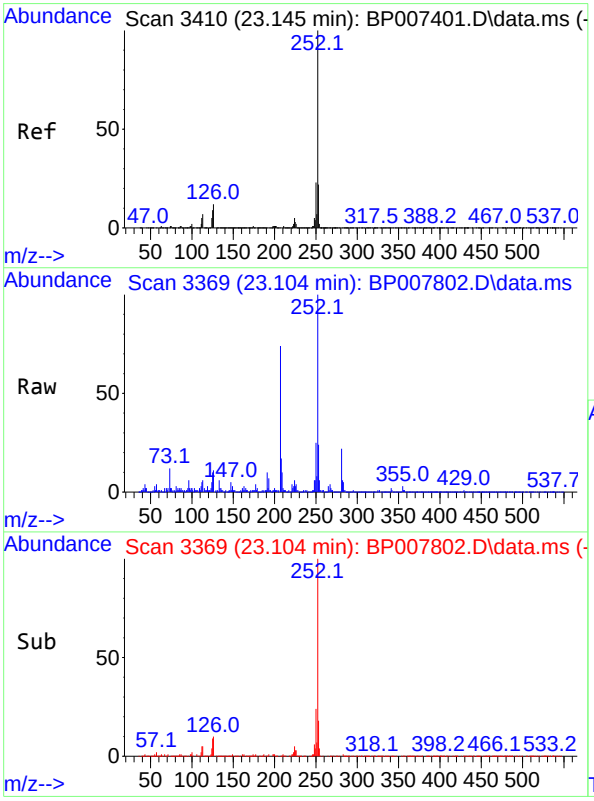
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.845 min Scan# 34
Delta R.T. -0.024 min
Lab File: BP007802.D
Acq: 01 Nov 2021 21:12

Instrument :
BNA_P
ClientSampleId :
T2-B2-S

Tgt Ion:264 Resp: 1174252

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.1	28.7
265	21.8	16.7	25.1

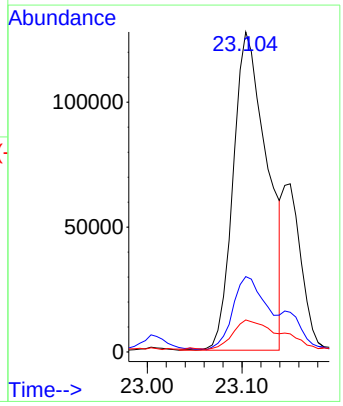


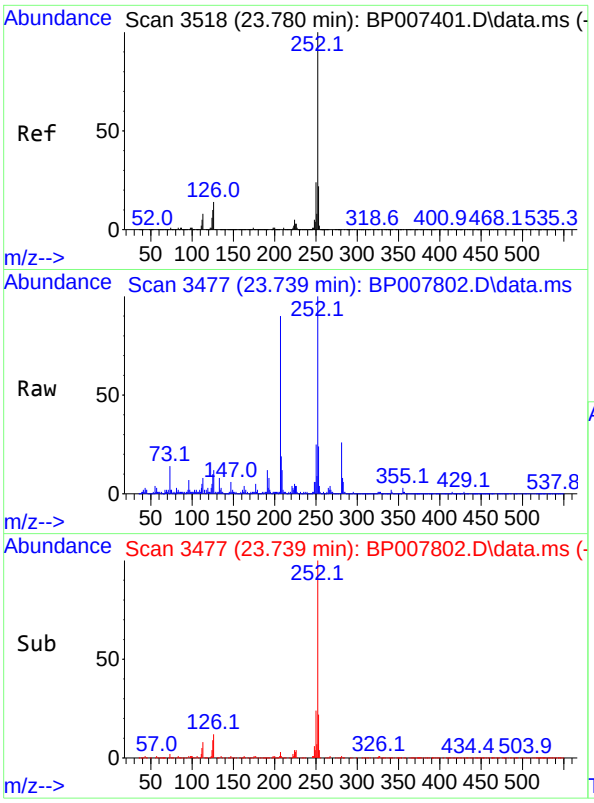


#88
Benzo(b)fluoranthene
Concen: 4.567 ng
RT: 23.104 min Scan# 3369
Delta R.T. -0.024 min
Lab File: BP007802.D
Acq: 01 Nov 2021 21:12

Tgt Ion:252 Resp: 317960

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.4	26.2
125	10.0	7.4	11.0



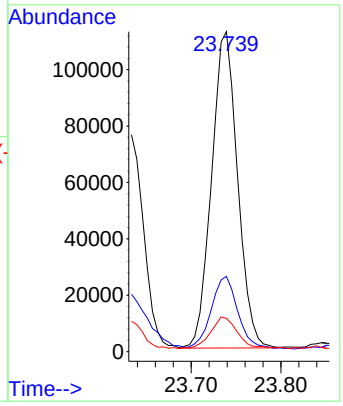


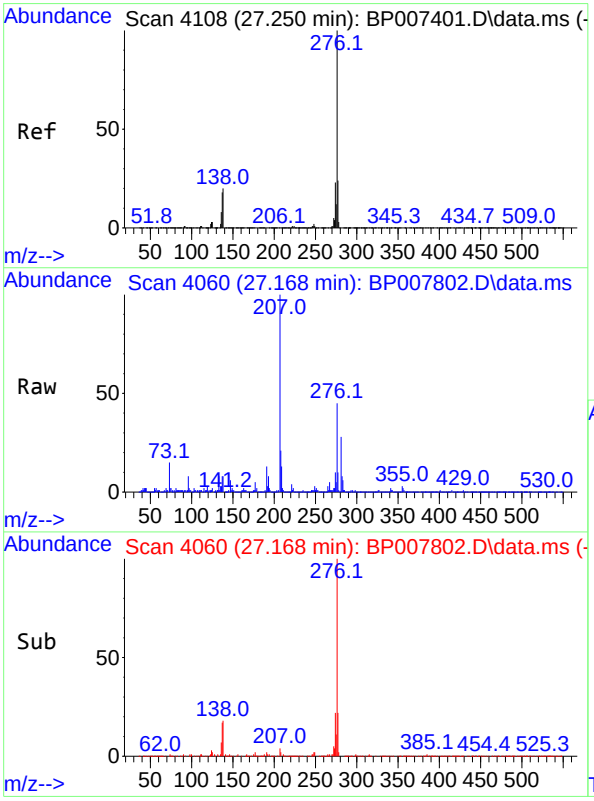
#90
Benzo(a)pyrene
Concen: 3.808 ng
RT: 23.739 min Scan# 34
Delta R.T. -0.024 min
Lab File: BP007802.D
Acq: 01 Nov 2021 21:12

Instrument :
BNA_P
ClientSampleId :
T2-B2-S

Tgt Ion:252 Resp: 225516

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.6	26.4
125	10.4	8.4	12.6





#92
Benzo(g,h,i)perylene
Concen: 2.403 ng
RT: 27.168 min Scan# 4060
Delta R.T. -0.053 min
Lab File: BP007802.D
Acq: 01 Nov 2021 21:12

Tgt Ion:276 Resp: 166012

Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.4	29.0
138	18.9	16.2	24.4