Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110321\
Data File : BP007837.D
Acq On : 03 Nov 2021 23:16
Operator : CG/JU
Sample : M4427-04 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Nov 04 07:33:47 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 02 19:18:55 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	238636	20.000	ng	0.00
21) Naphthalene-d8	10.722	136	984575	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	650483	20.000	ng	0.00
64) Phenanthrene-d10	17.316	188	1424332	20.000	ng	0.00
76) Chrysene-d12	21.410	240	1483765	20.000	ng	0.00
86) Perylene-d12	23.851	264	1380426	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	232181	16.501	ng	0.00
7) Phenol-d6	7.087	99	294437	14.457	ng	0.00
23) Nitrobenzene-d5	9.075	82	193583	10.562	ng	-0.01
42) 2,4,6-Tribromophenol	16.051	330	154619	16.656	ng	0.00
45) 2-Fluorobiphenyl	13.181	172	495191	11.086	ng	-0.01
79) Terphenyl-d14	19.880	244	860293	11.806	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.381	88	101	Below Cal	#	1
6) Aniline	7.363	93	50835	2.216	ng #	52
11) bis(2-Chloroethyl)ether	7.363	93	50835	3.275	ng #	24
75) Fluoranthene	19.327	202	752107	7.963	ng	82
78) Pyrene	19.680	202	675768	7.426	ng #	89
81) Benzo(a)anthracene	21.392	228	497877	5.093	ng #	94
83) Chrysene	21.445	228	424832	4.591	ng #	93
87) Indeno(1,2,3-cd)pyrene	26.386	276	362252	3.521	ng #	94
88) Benzo(b)fluoranthene	23.104	252	612289	7.525	ng #	89
89) Benzo(k)fluoranthene	23.104	252	612289	7.581	ng #	89
90) Benzo(a)pyrene	23.739	252	523370	7.428	ng #	94
92) Benzo(g,h,i)perylene	27.174	276	355473	4.202	ng	98

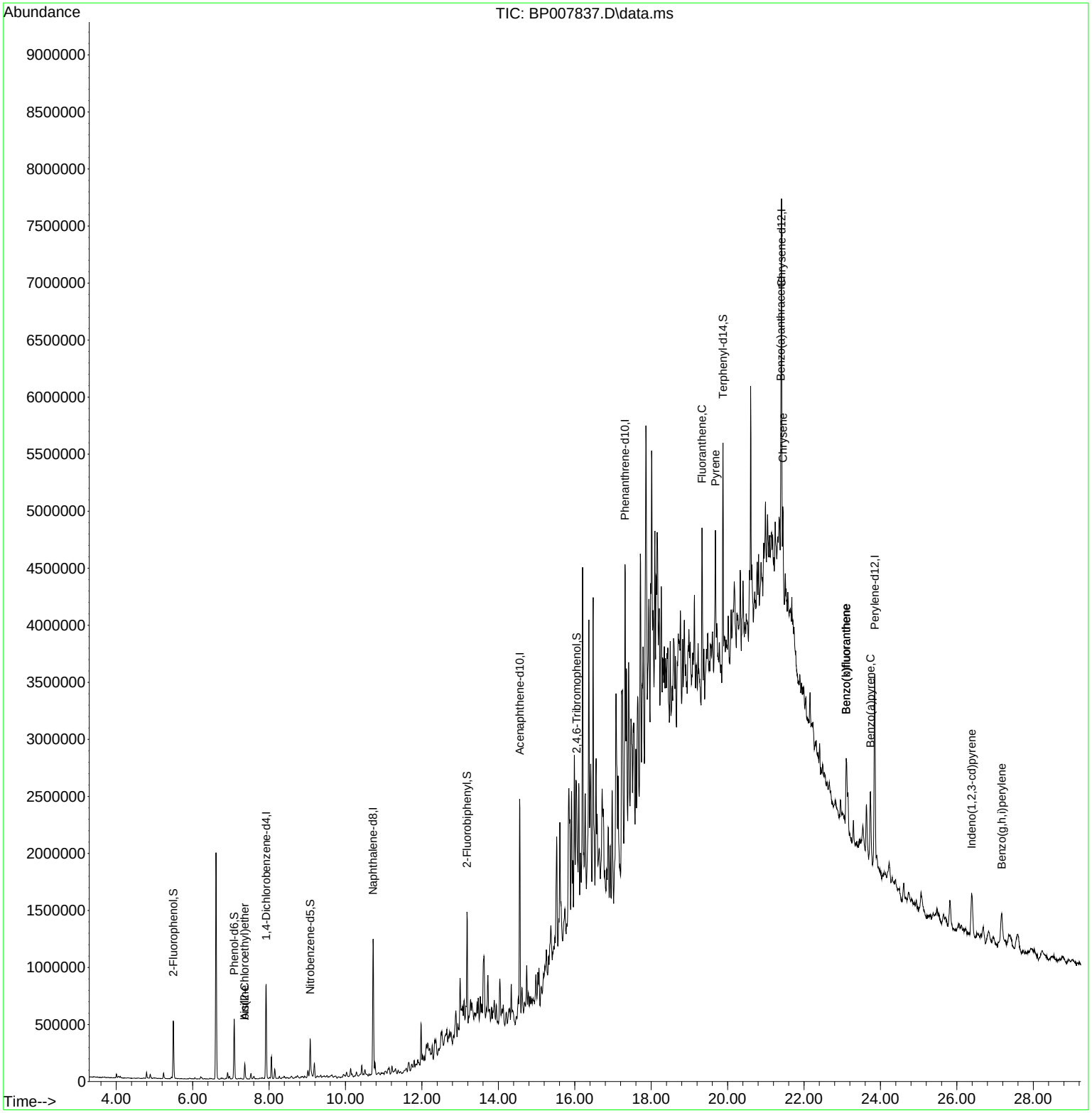
(#) = qualifier out of range (m) = manual integration (+) = signals summed

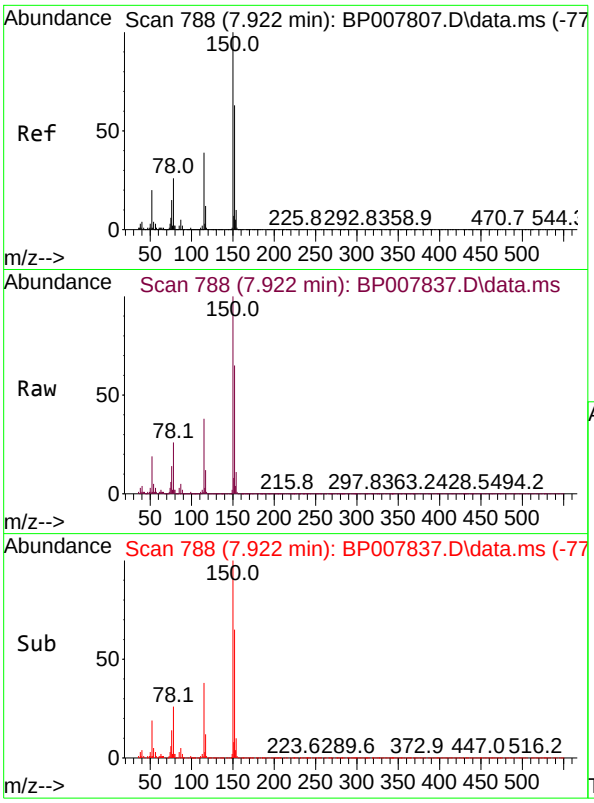
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110321\
Data File : BP007837.D
Acq On : 03 Nov 2021 23:16
Operator : CG/JU
Sample : M4427-04 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Nov 04 07:33:47 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 02 19:18:55 2021
Response via : Initial Calibration



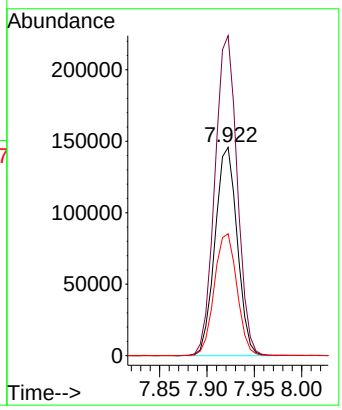


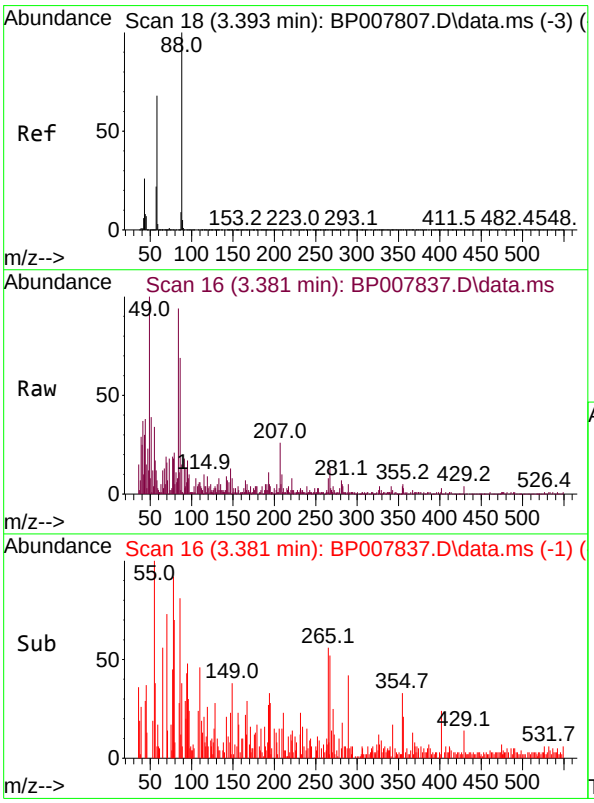
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.922 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP007837.D
Acq: 03 Nov 2021 23:16

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 238636

Ion	Ratio	Lower	Upper
152	100		
150	153.6	124.1	186.1
115	58.5	48.1	72.1

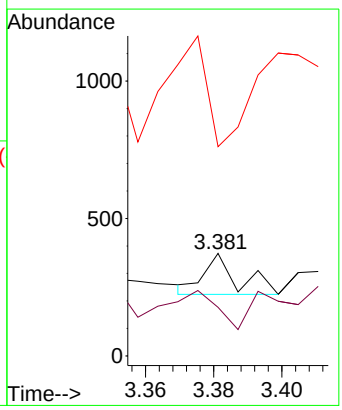


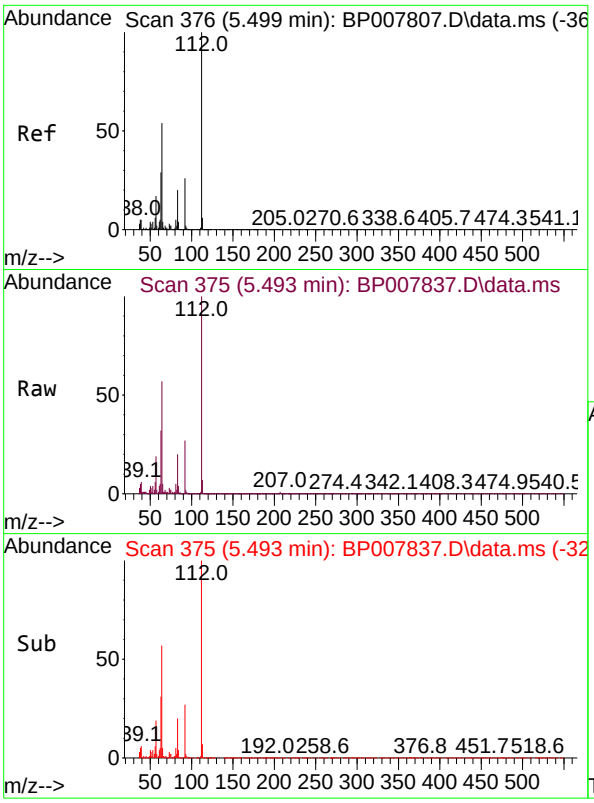


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.381 min Scan# 16
Delta R.T. -0.012 min
Lab File: BP007837.D
Acq: 03 Nov 2021 23:16

Tgt Ion: 88 Resp: 101

Ion	Ratio	Lower	Upper
88	100		
58	112.9	58.1	87.1#
43	315.8	22.2	33.4#



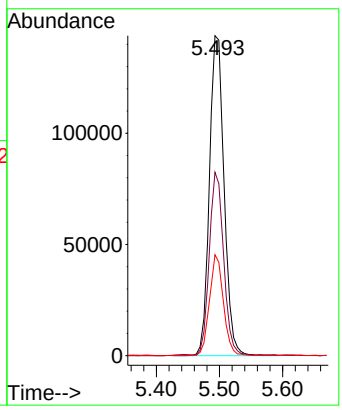


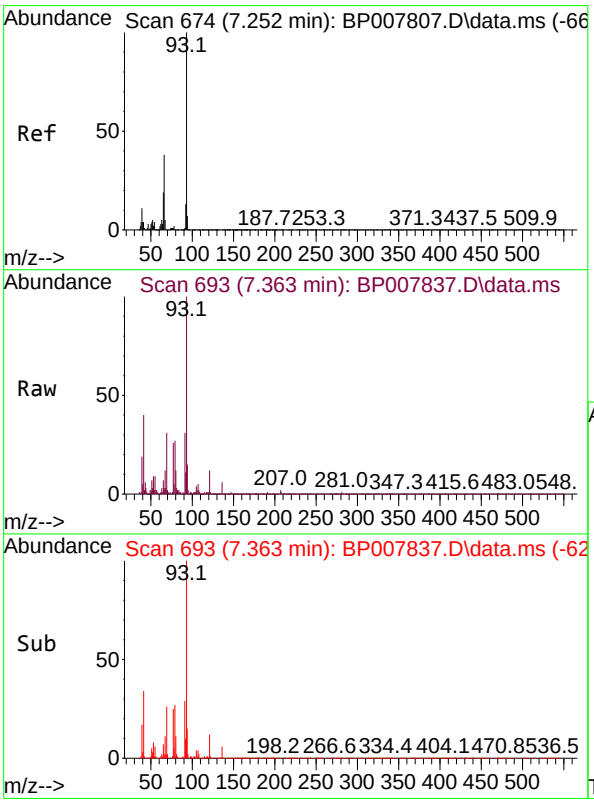
#5
2-Fluorophenol
Concen: 16.501 ng
RT: 5.493 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP007837.D
Acq: 03 Nov 2021 23:16

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:112 Resp: 232181

Ion	Ratio	Lower	Upper
112	100		
64	57.3	46.6	70.0
63	31.5	25.0	37.6

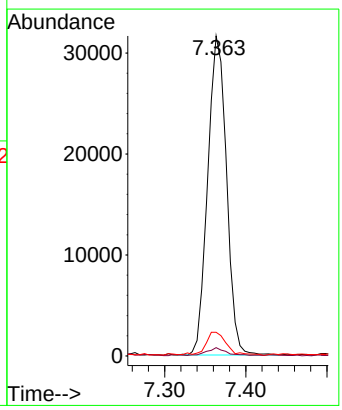


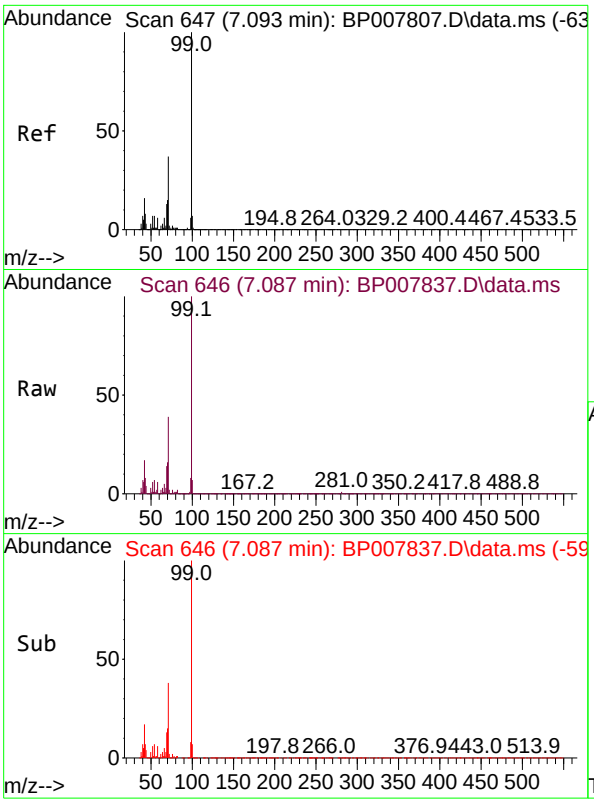


#6
Aniline
Concen: 2.216 ng
RT: 7.363 min Scan# 693
Delta R.T. 0.112 min
Lab File: BP007837.D
Acq: 03 Nov 2021 23:16

Tgt Ion: 93 Resp: 50835

Ion	Ratio	Lower	Upper
93	100		
66	2.6	30.5	45.7#
65	7.4	15.8	23.8#



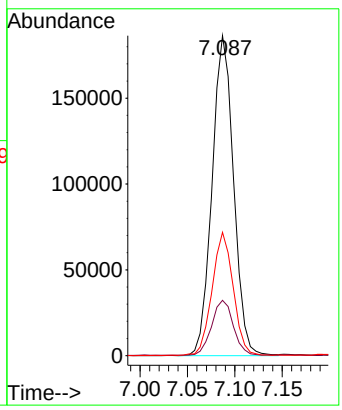


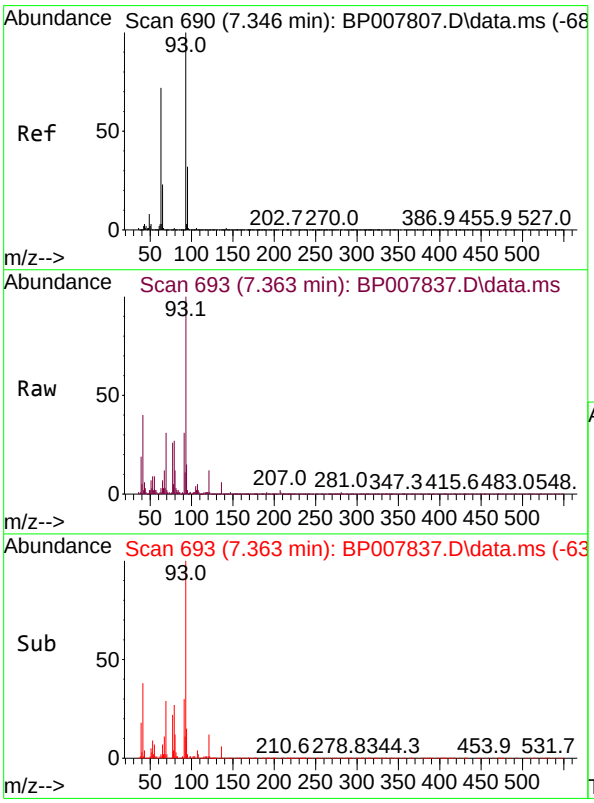
#7
Phenol-d6
Concen: 14.457 ng
RT: 7.087 min Scan# 64
Delta R.T. -0.006 min
Lab File: BP007837.D
Acq: 03 Nov 2021 23:16

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 294437

Ion	Ratio	Lower	Upper
99	100		
42	17.3	14.9	22.3
71	38.5	29.2	43.8

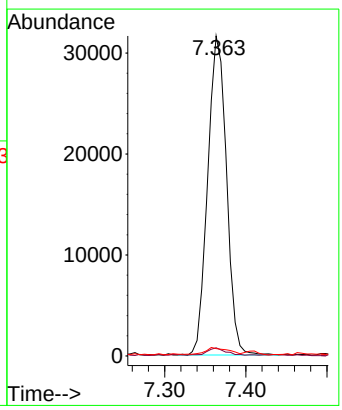


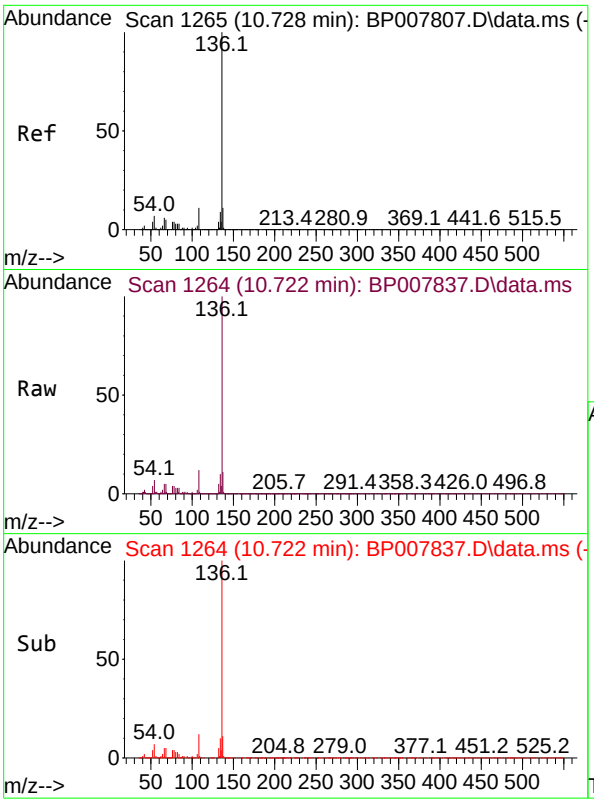


#11
bis(2-Chloroethyl)ether
Concen: 3.275 ng
RT: 7.363 min Scan# 693
Delta R.T. 0.018 min
Lab File: BP007837.D
Acq: 03 Nov 2021 23:16

Tgt Ion: 93 Resp: 50835

Ion	Ratio	Lower	Upper
93	100		
63	2.5	55.7	95.7#
95	2.3	12.7	52.7#



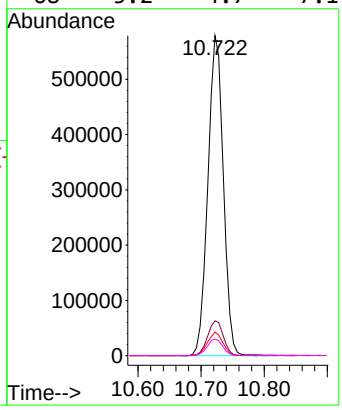


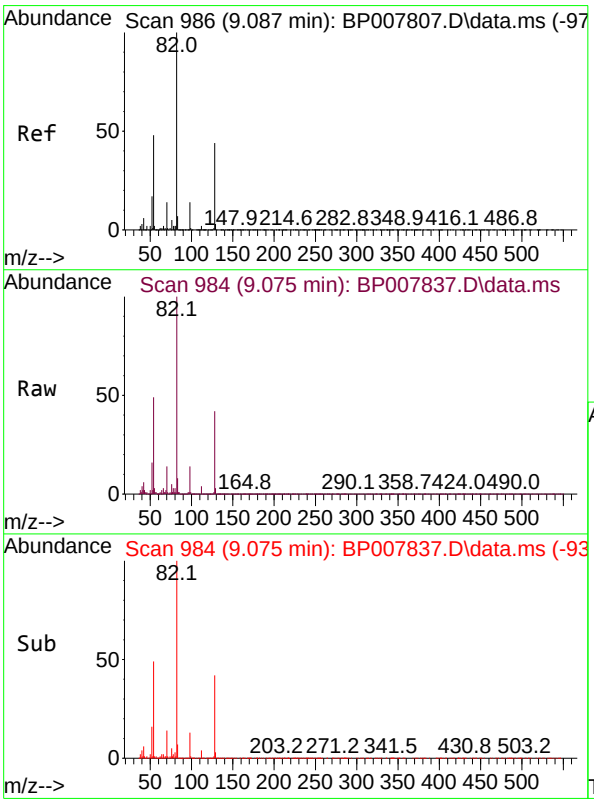
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.722 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP007837.D
Acq: 03 Nov 2021 23:16

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:136 Resp: 984575

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	7.4	6.2	9.4
68	5.2	4.7	7.1

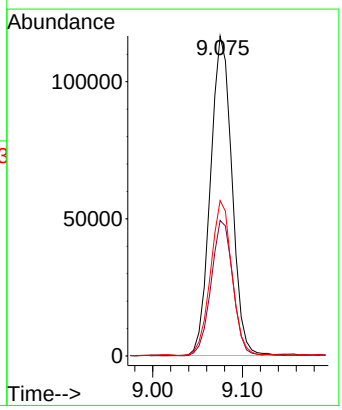


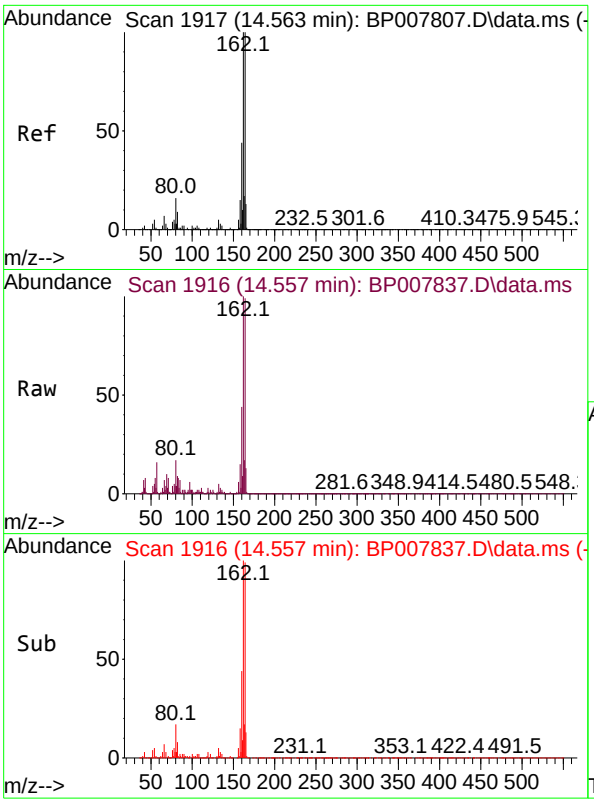


#23
Nitrobenzene-d5
Concen: 10.562 ng
RT: 9.075 min Scan# 984
Delta R.T. -0.012 min
Lab File: BP007837.D
Acq: 03 Nov 2021 23:16

Tgt Ion: 82 Resp: 193583

Ion	Ratio	Lower	Upper
82	100		
128	42.3	32.6	48.8
54	48.6	40.4	60.6



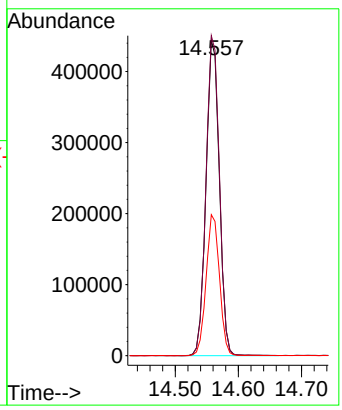


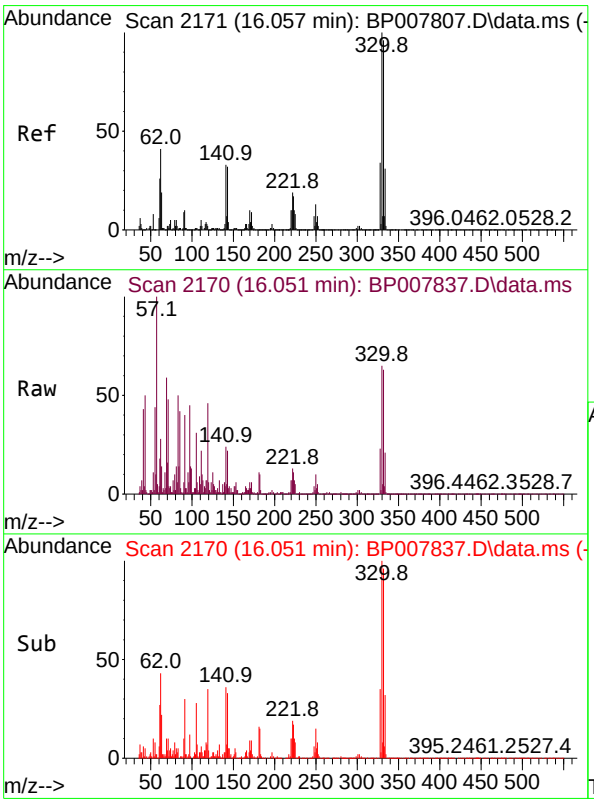
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.557 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP007837.D
Acq: 03 Nov 2021 23:16

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:164 Resp: 650483

Ion	Ratio	Lower	Upper
164	100		
162	101.4	81.1	121.7
160	44.7	36.0	54.0

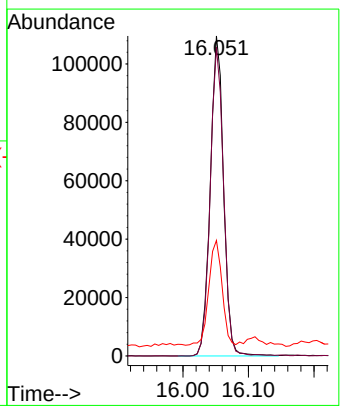


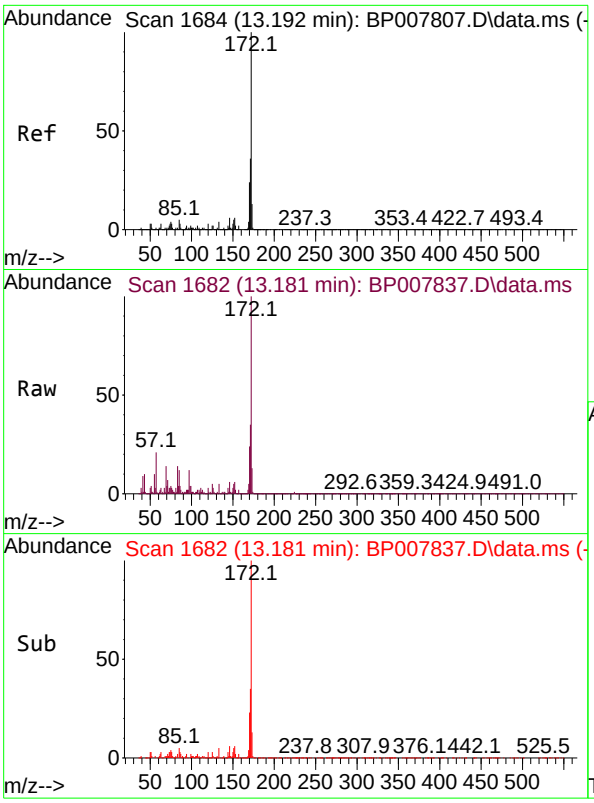


#42
2,4,6-Tribromophenol
Concen: 16.656 ng
RT: 16.051 min Scan# 2170
Delta R.T. -0.006 min
Lab File: BP007837.D
Acq: 03 Nov 2021 23:16

Tgt Ion:330 Resp: 154619

Ion	Ratio	Lower	Upper
330	100		
332	96.8	78.9	118.3
141	33.3	30.7	46.1



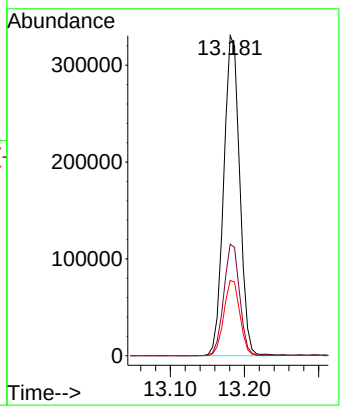


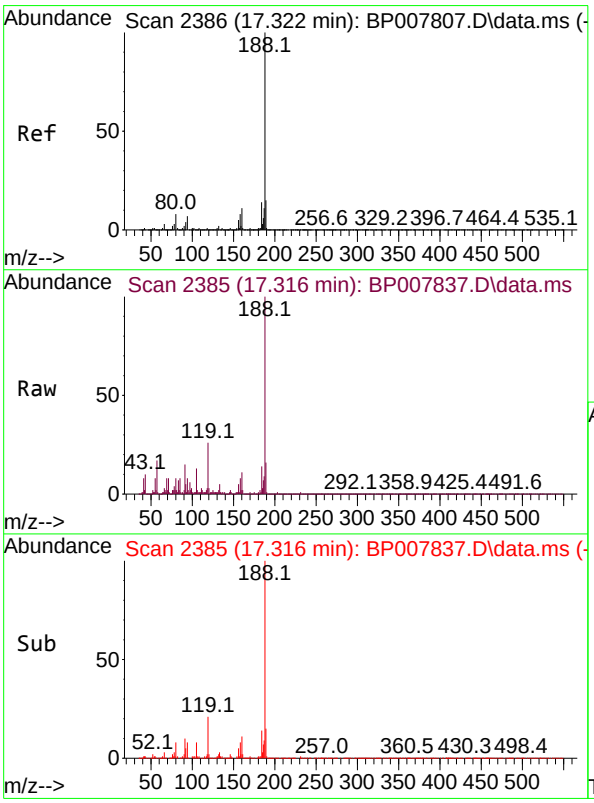
#45
2-Fluorobiphenyl
Concen: 11.086 ng
RT: 13.181 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP007837.D
Acq: 03 Nov 2021 23:16

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:172 Resp: 495191

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.2	42.2
170	23.5	19.0	28.4

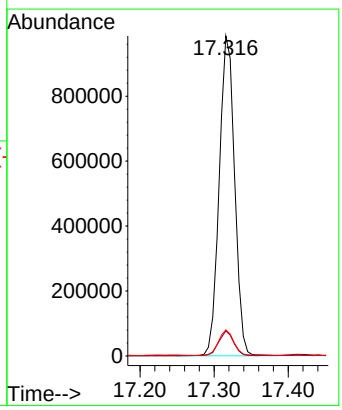


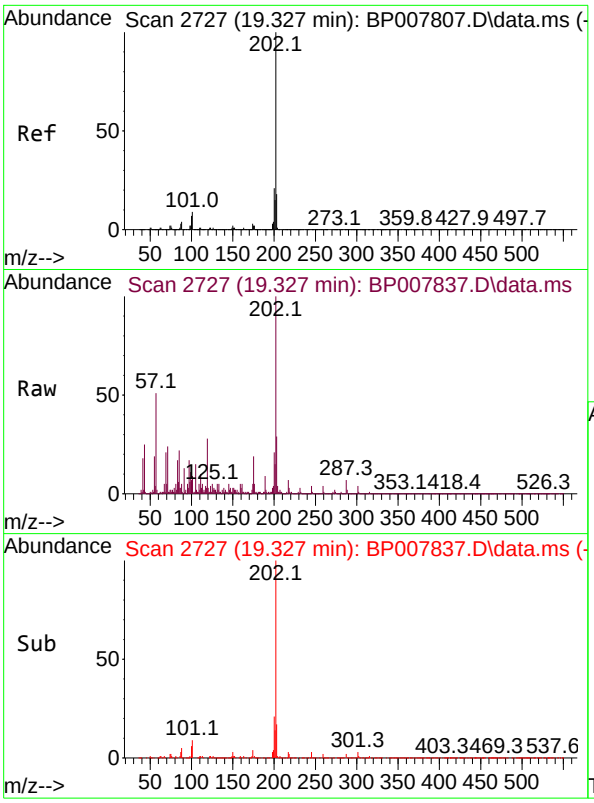


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.316 min Scan# 2385
Delta R.T. -0.006 min
Lab File: BP007837.D
Acq: 03 Nov 2021 23:16

Tgt Ion:188 Resp: 1424332

Ion	Ratio	Lower	Upper
188	100		
94	7.8	7.1	10.7
80	8.2	7.8	11.6



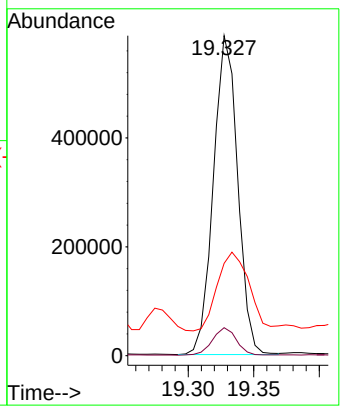


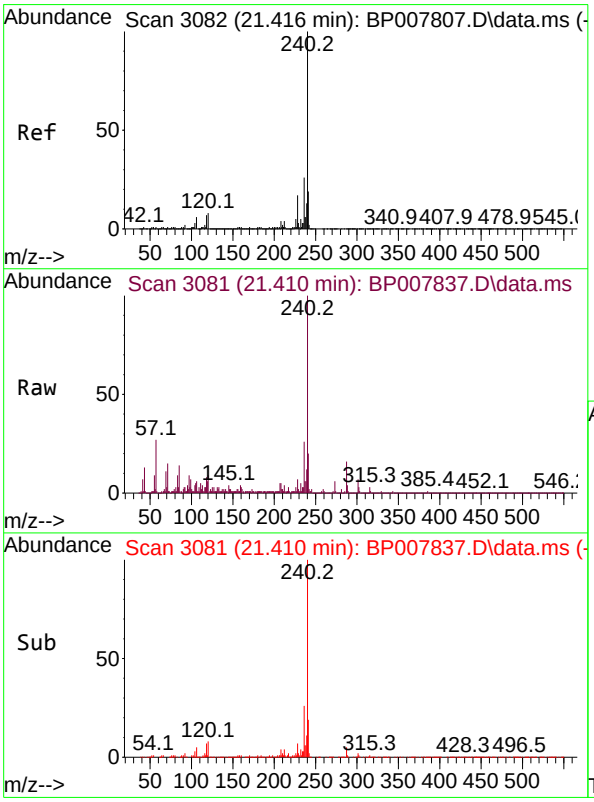
#75
Fluoranthene
Concen: 7.963 ng
RT: 19.327 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP007837.D
Acq: 03 Nov 2021 23:16

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 752107

Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	30.4
203	28.9	0.0	37.6

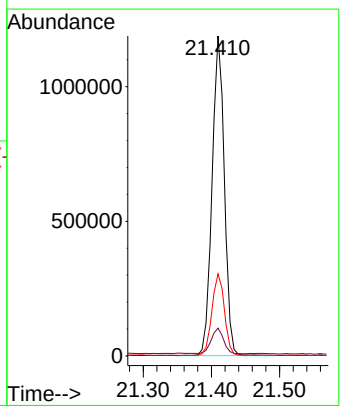


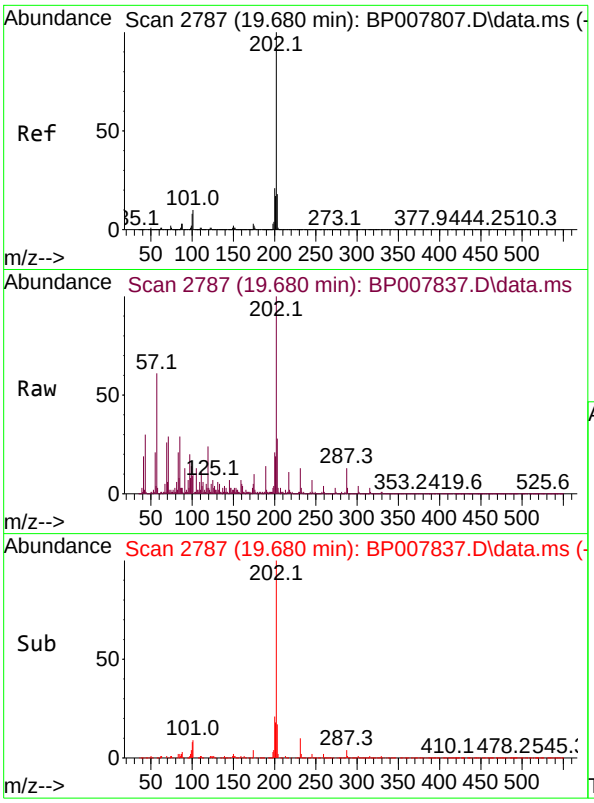


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.410 min Scan# 3081
Delta R.T. -0.006 min
Lab File: BP007837.D
Acq: 03 Nov 2021 23:16

Tgt Ion:240 Resp: 1483765

Ion	Ratio	Lower	Upper
240	100		
120	8.7	7.8	11.8
236	25.7	20.6	30.8



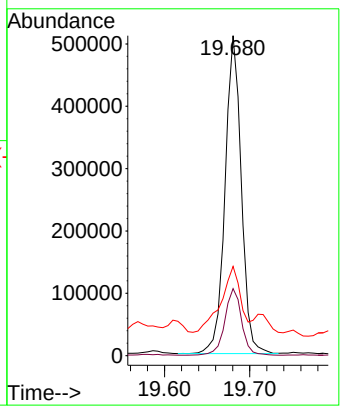


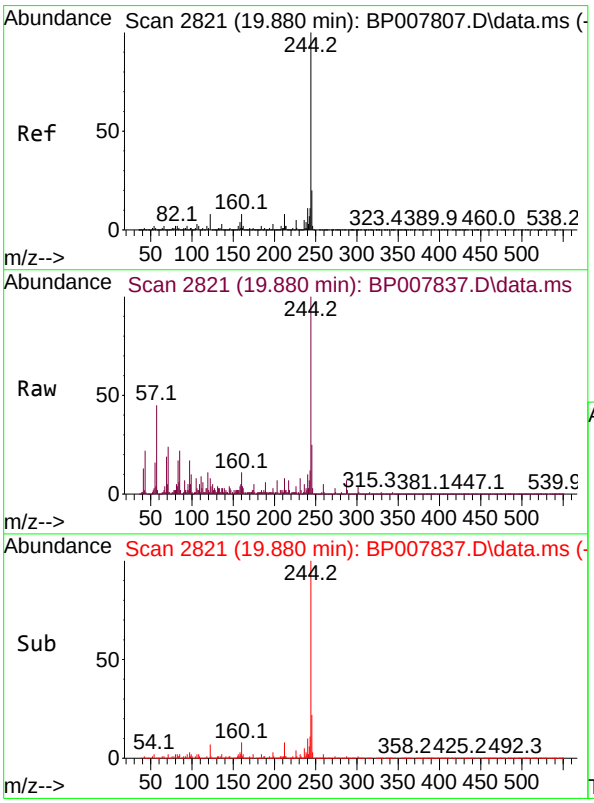
#78
Pyrene
Concen: 7.426 ng
RT: 19.680 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP007837.D
Acq: 03 Nov 2021 23:16

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 675768

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.9	25.3
203	27.9	13.8	20.6#

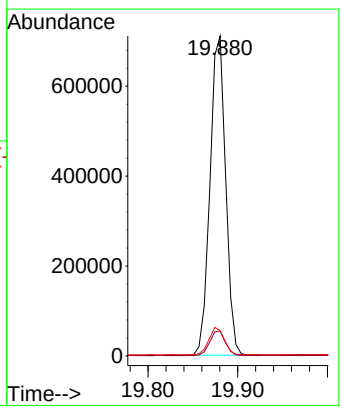


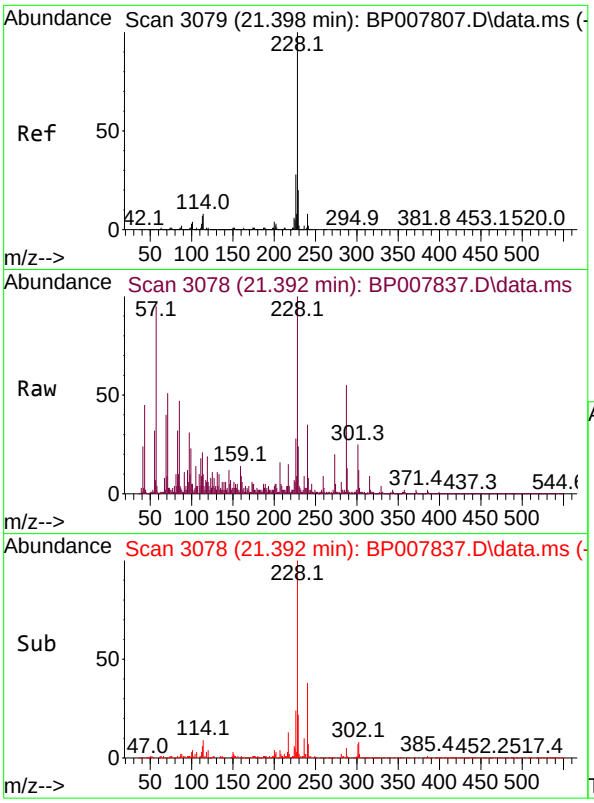


#79
Terphenyl-d14
Concen: 11.806 ng
RT: 19.880 min Scan# 2821
Delta R.T. 0.000 min
Lab File: BP007837.D
Acq: 03 Nov 2021 23:16

Tgt Ion:244 Resp: 860293

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	7.9	7.8	11.8



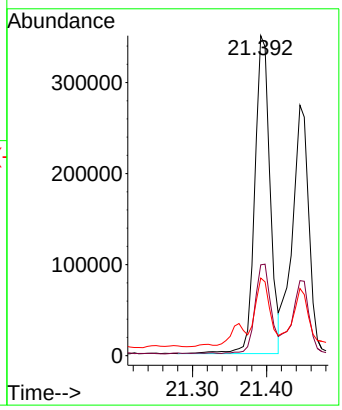


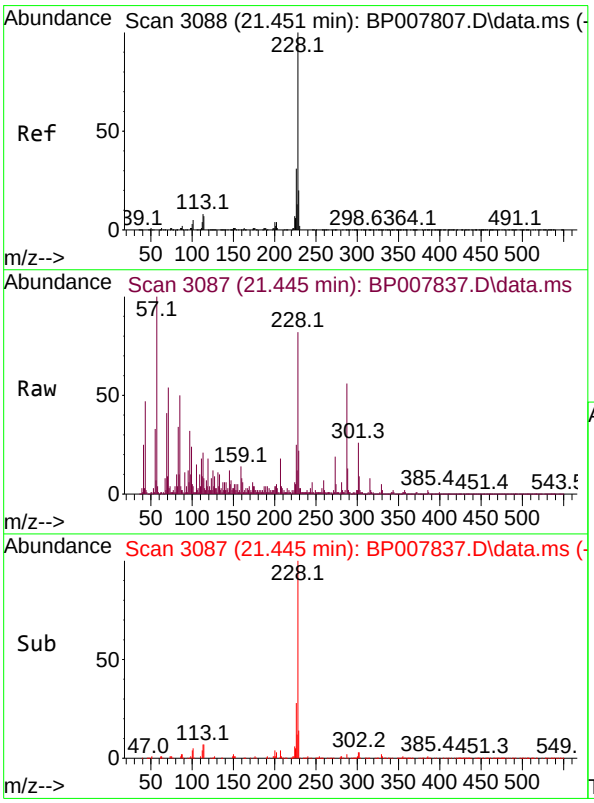
#81
Benzo(a)anthracene
Concen: 5.093 ng
RT: 21.392 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP007837.D
Acq: 03 Nov 2021 23:16

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:228 Resp: 497877

Ion	Ratio	Lower	Upper
228	100		
226	28.4	21.8	32.6
229	24.3	15.7	23.5#

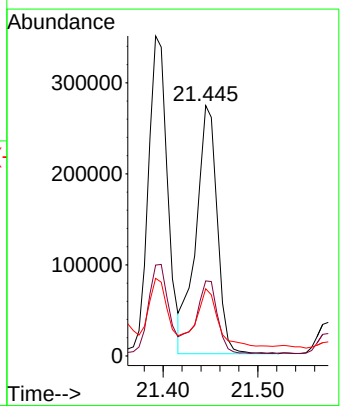


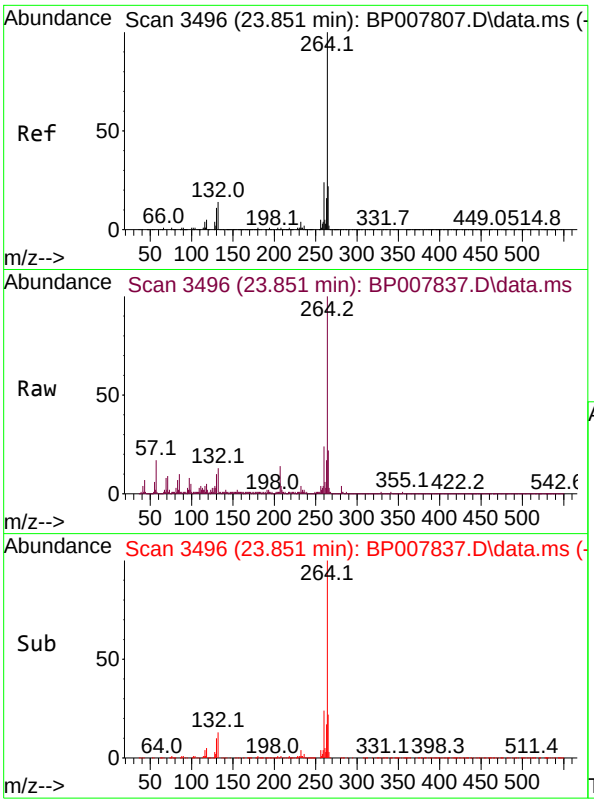


#83
Chrysene
Concen: 4.591 ng
RT: 21.445 min Scan# 3087
Delta R.T. -0.006 min
Lab File: BP007837.D
Acq: 03 Nov 2021 23:16

Tgt Ion:228 Resp: 424832

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.6	37.0
229	26.9	15.7	23.5#



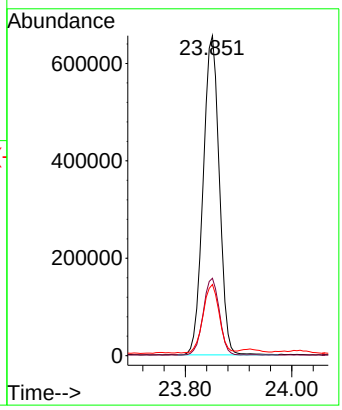


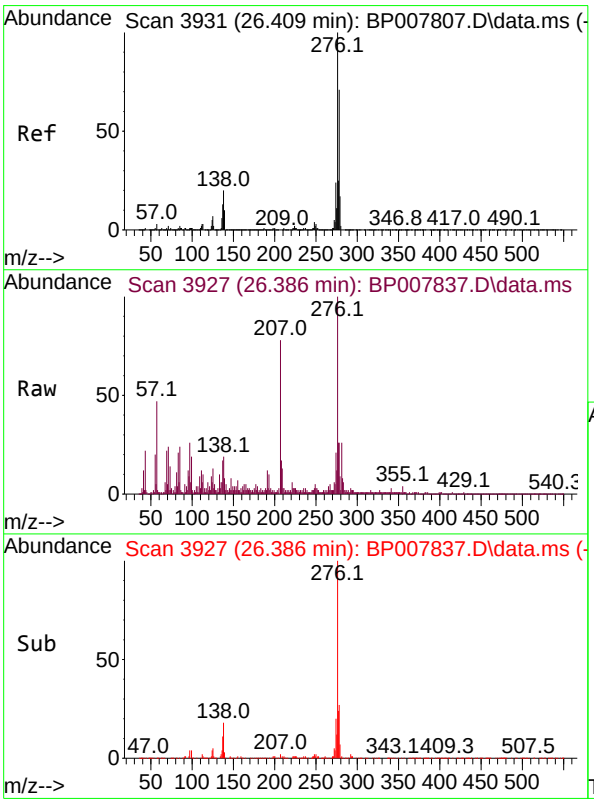
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.851 min Scan# 34
Delta R.T. -0.000 min
Lab File: BP007837.D
Acq: 03 Nov 2021 23:16

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:264 Resp: 1380426

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.1	28.7
265	22.3	16.7	25.1

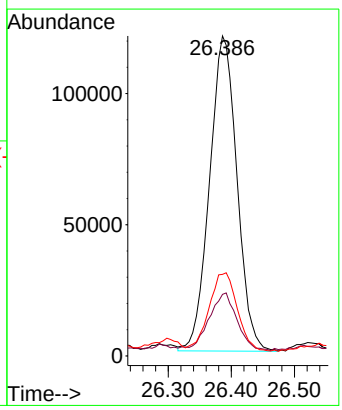


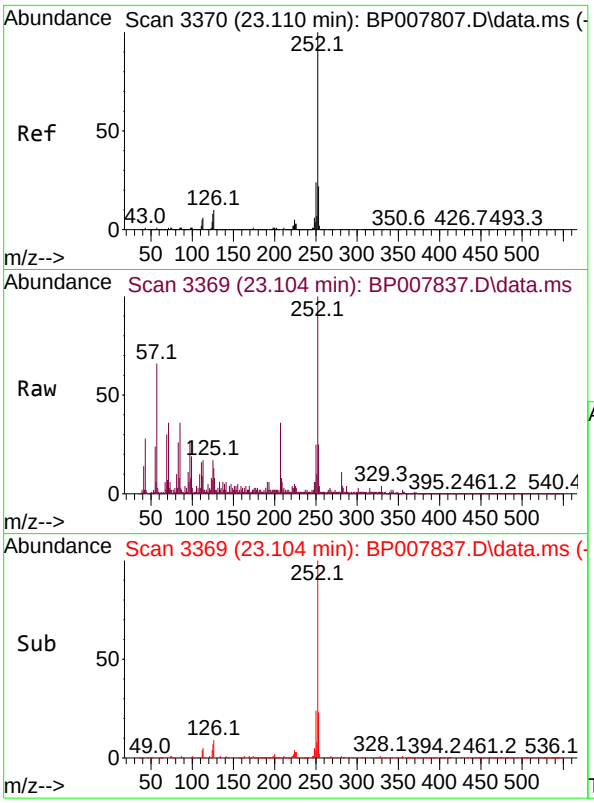


#87
Indeno(1,2,3-cd)pyrene
Concen: 3.521 ng
RT: 26.386 min Scan# 3927
Delta R.T. -0.024 min
Lab File: BP007837.D
Acq: 03 Nov 2021 23:16

Tgt Ion:276 Resp: 362252

Ion	Ratio	Lower	Upper
276	100		
138	18.4	19.4	29.0#
277	25.6	20.2	30.2



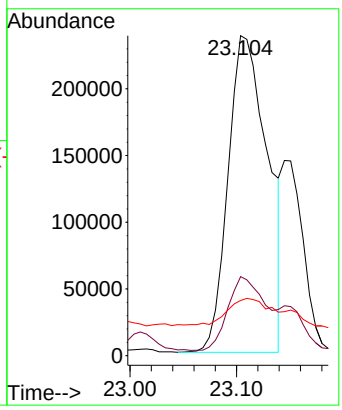


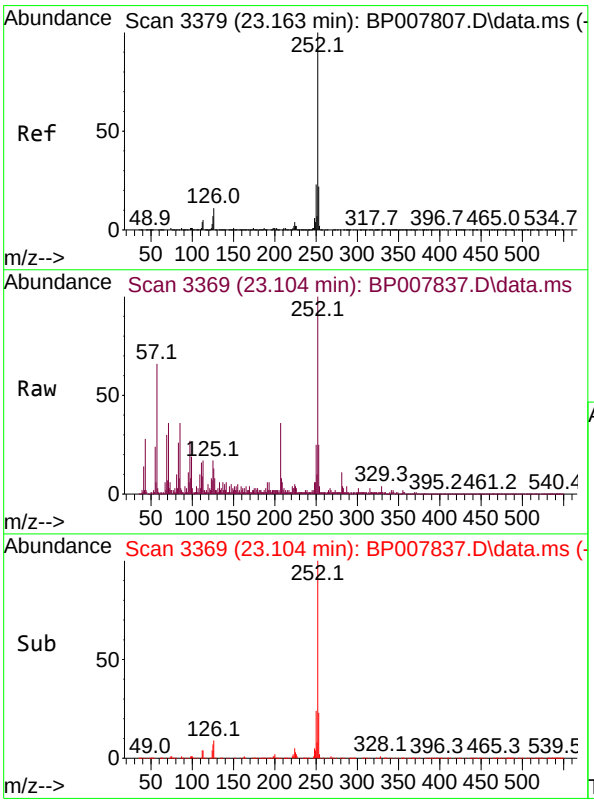
#88
Benzo(b)fluoranthene
Concen: 7.525 ng
RT: 23.104 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP007837.D
Acq: 03 Nov 2021 23:16

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 612289

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.4	26.2
125	17.3	7.4	11.0#

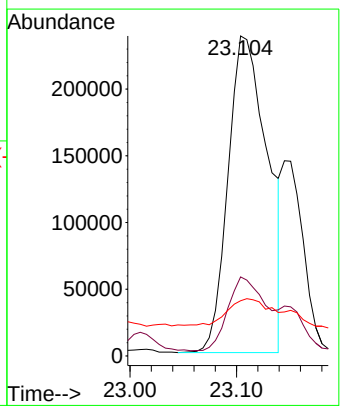


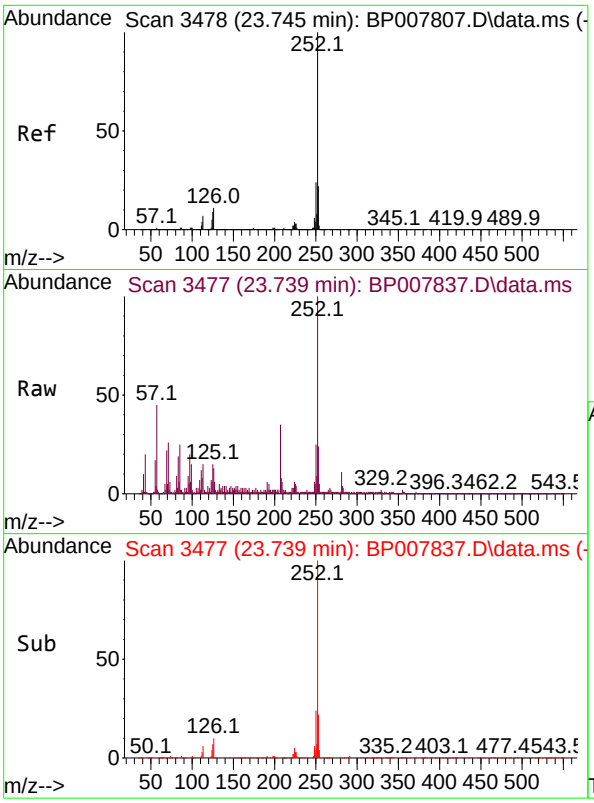


#89
Benzo(k)fluoranthene
Concen: 7.581 ng
RT: 23.104 min Scan# 3369
Delta R.T. -0.059 min
Lab File: BP007837.D
Acq: 03 Nov 2021 23:16

Tgt Ion:252 Resp: 612289

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.6	26.4
125	17.3	7.4	11.0#



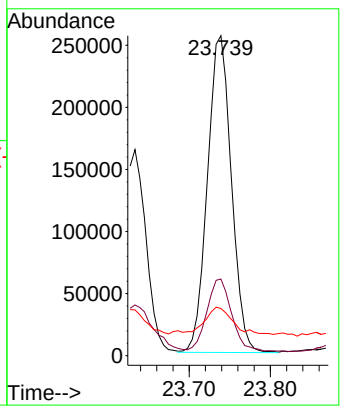


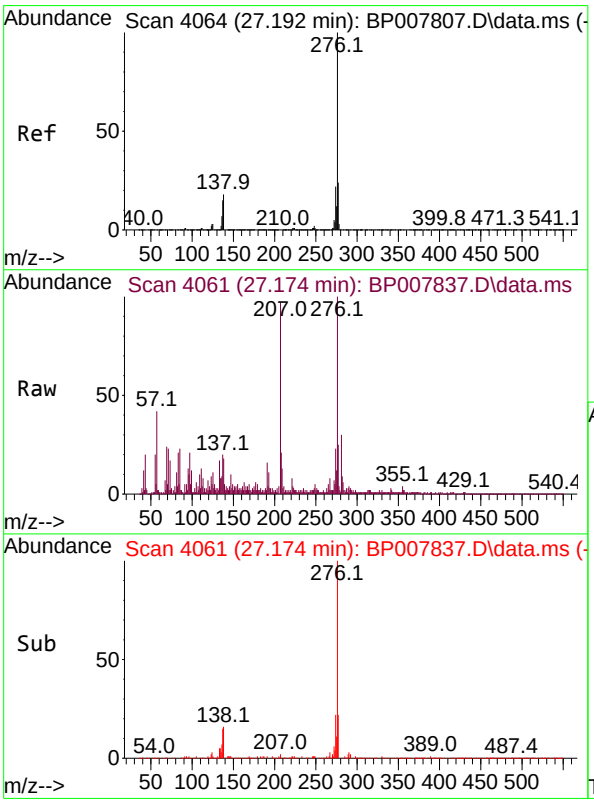
#90
Benzo(a)pyrene
Concen: 7.428 ng
RT: 23.739 min Scan# 34
Delta R.T. -0.006 min
Lab File: BP007837.D
Acq: 03 Nov 2021 23:16

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 523370

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.6	26.4
125	14.7	8.4	12.6#





#92
Benzo(g,h,i)perylene
Concen: 4.202 ng
RT: 27.174 min Scan# 4061
Delta R.T. -0.018 min
Lab File: BP007837.D
Acq: 03 Nov 2021 23:16

Tgt Ion:276 Resp: 355473

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.4	29.0
138	18.5	16.2	24.4