Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007957.D
Acq On : 11 Nov 2021 21:45
Operator : CG/JU
Sample : M4630-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13E-5.0

Quant Time: Nov 12 00:33:27 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 11 13:53:53 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.864	152	148914	20.000	ng	0.01
21) Naphthalene-d8	10.657	136	604119	20.000	ng	# 0.00
39) Acenaphthene-d10	14.487	164	445567	20.000	ng	0.00
64) Phenanthrene-d10	17.240	188	914963	20.000	ng	# 0.00
76) Chrysene-d12	21.333	240	1051522	20.000	ng	0.00
86) Perylene-d12	23.739	264	949447	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1436558	163.605	ng	0.00
7) Phenol-d6	7.034	99	1385532	109.019	ng	0.00
23) Nitrobenzene-d5	9.022	82	1115227	99.164	ng	0.01
42) 2,4,6-Tribromophenol	15.981	330	973658	153.118	ng	0.00
45) 2-Fluorobiphenyl	13.110	172	2602962	85.074	ng	0.00
79) Terphenyl-d14	19.810	244	4505374	87.247	ng	0.00
Target Compounds						Qvalue
38) 1-Methylnaphthalene	12.528	142	148196	6.710	ng	100
71) Phenanthrene	17.281	178	97584	2.029	ng	99
75) Fluoranthene	19.257	202	174115	2.870	ng	98
78) Pyrene	19.604	202	194911	3.022	ng	99
88) Benzo(b)fluoranthene	23.004	252	118715	2.121	ng	# 92

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

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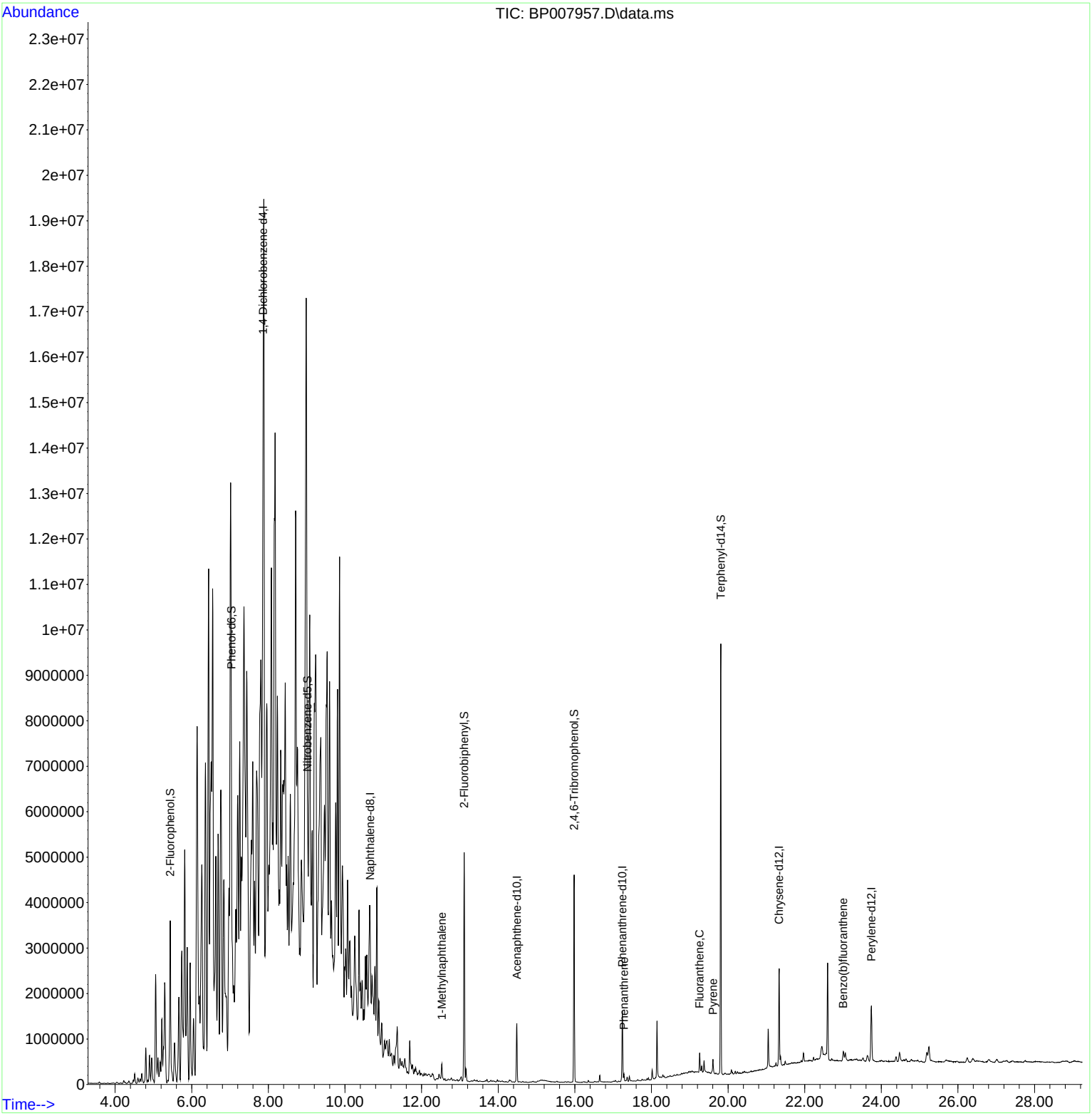
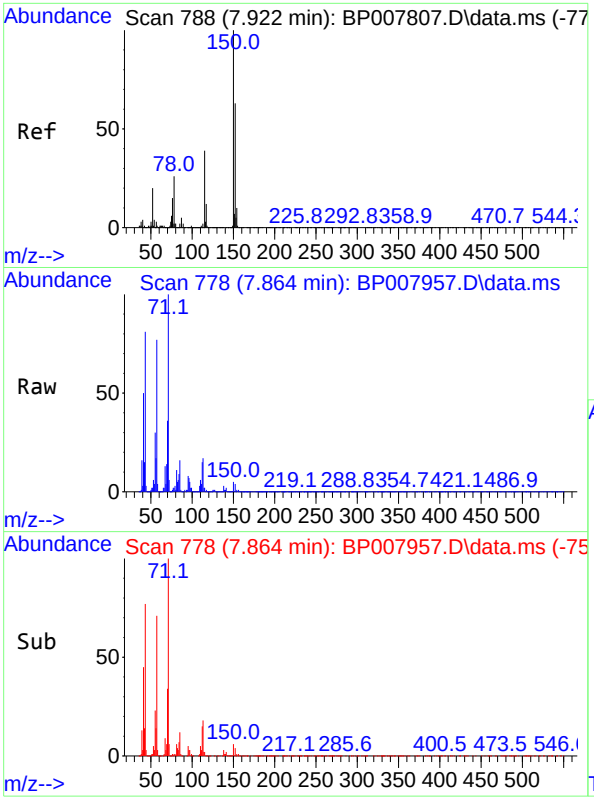


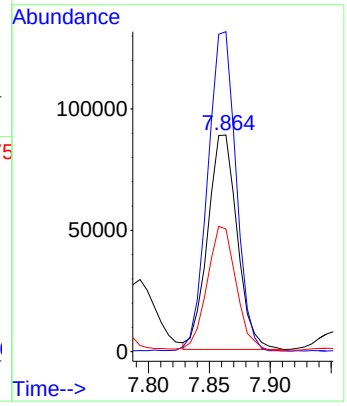


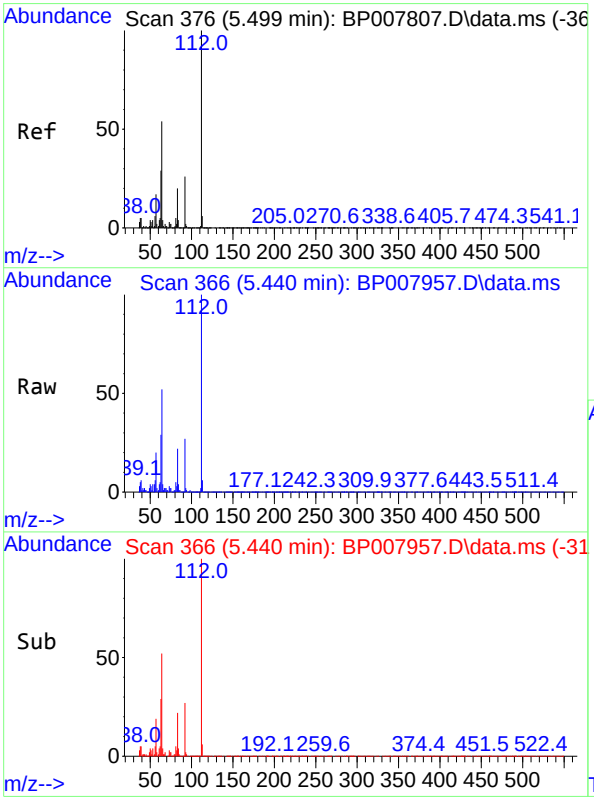
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.864 min Scan# 7
Delta R.T. 0.012 min
Lab File: BP007957.D
Acq: 11 Nov 2021 21:45

Instrument :
BNA_P
ClientSampleId :
SB-13E-5.0

Tgt Ion:152 Resp: 148914

Ion	Ratio	Lower	Upper
152	100		
150	147.7	124.1	186.1
115	56.6	48.1	72.1

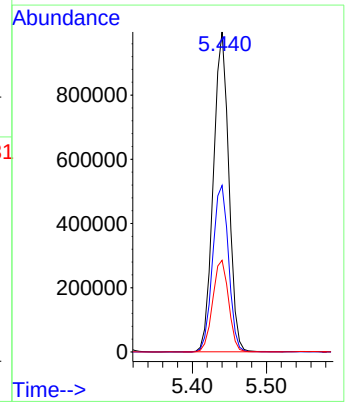


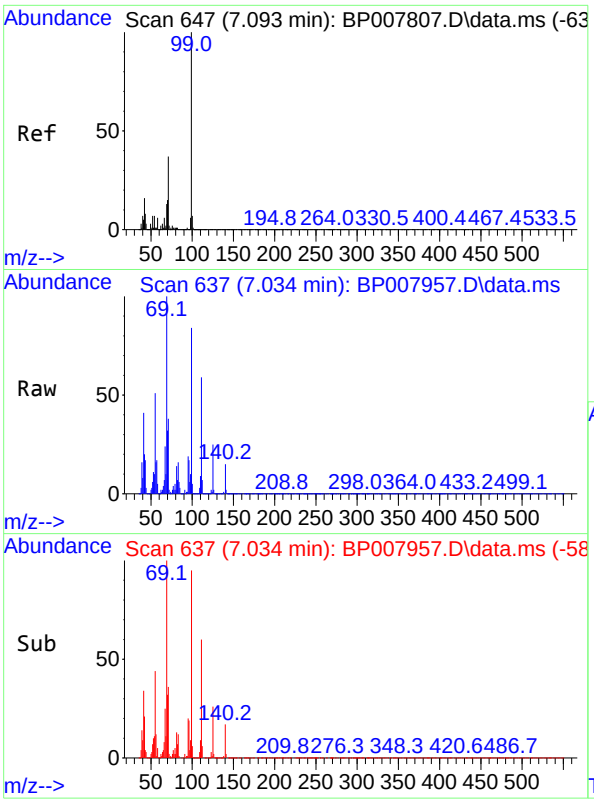


#5
2-Fluorophenol
Concen: 163.605 ng
RT: 5.440 min Scan# 366
Delta R.T. 0.006 min
Lab File: BP007957.D
Acq: 11 Nov 2021 21:45

Tgt Ion:112 Resp: 1436558

Ion	Ratio	Lower	Upper
112	100		
64	52.1	46.6	70.0
63	28.7	25.0	37.6



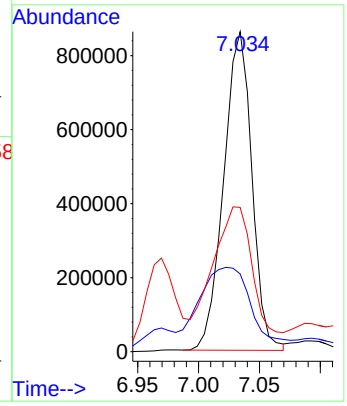


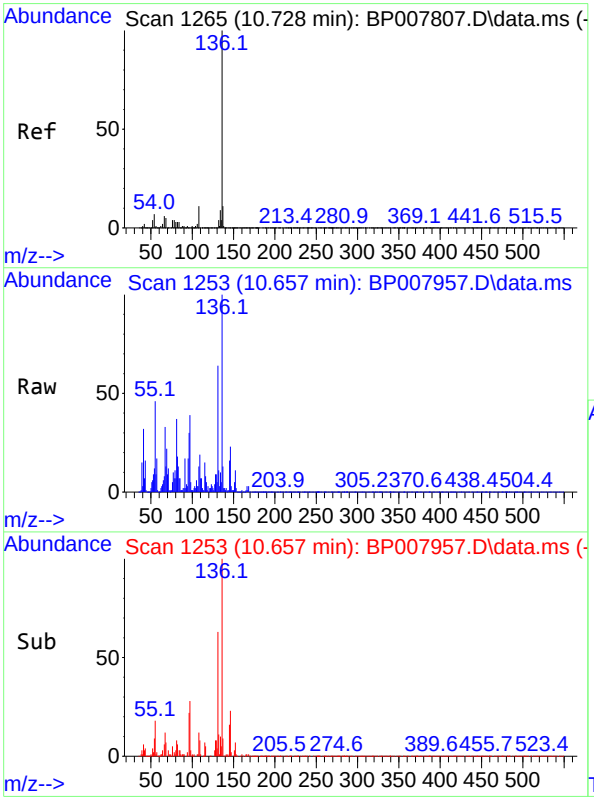
#7
Phenol-d6
Concen: 109.019 ng
RT: 7.034 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP007957.D
Acq: 11 Nov 2021 21:45

Instrument :
BNA_P
ClientSampleId :
SB-13E-5.0

Tgt Ion: 99 Resp: 1385532

Ion	Ratio	Lower	Upper
99	100		
42	24.3	14.9	22.3#
71	45.1	29.2	43.8#

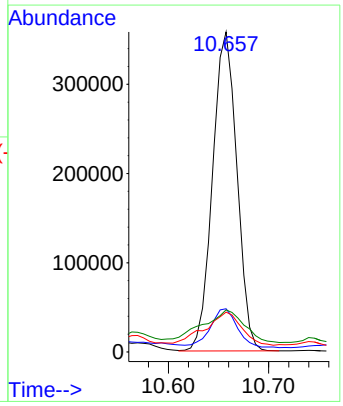


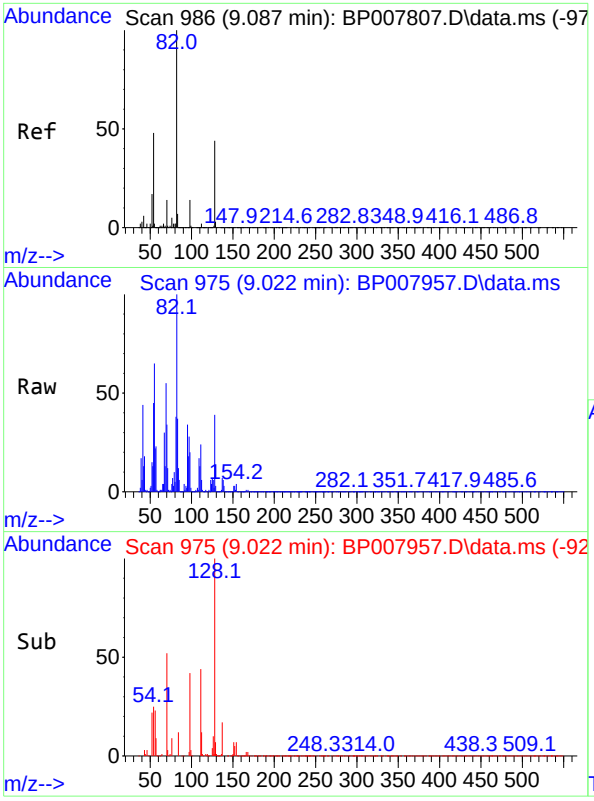


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.657 min Scan# 1253
Delta R.T. 0.006 min
Lab File: BP007957.D
Acq: 11 Nov 2021 21:45

Tgt Ion:136 Resp: 604119

Ion	Ratio	Lower	Upper
136	100		
137	13.5	8.6	13.0#
54	12.4	6.2	9.4#
68	13.1	4.7	7.1#



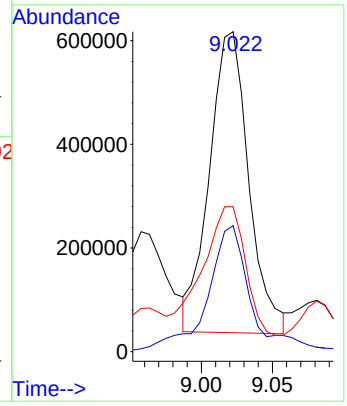


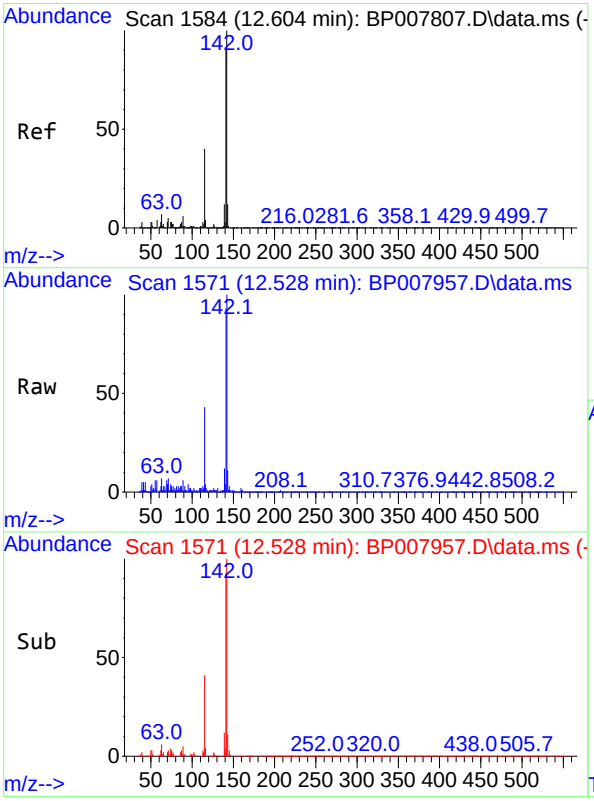
#23
Nitrobenzene-d5
Concen: 99.164 ng
RT: 9.022 min Scan# 9
Delta R.T. 0.012 min
Lab File: BP007957.D
Acq: 11 Nov 2021 21:45

Instrument :
BNA_P
ClientSampleId :
SB-13E-5.0

Tgt Ion: 82 Resp: 1115227

Ion	Ratio	Lower	Upper
82	100		
128	39.4	32.6	48.8
54	45.3	40.4	60.6

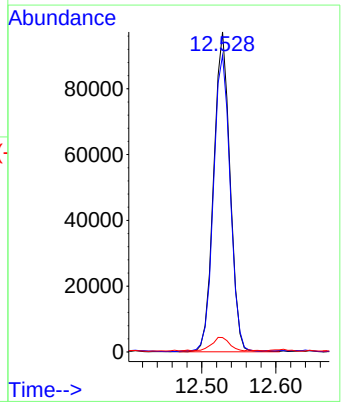


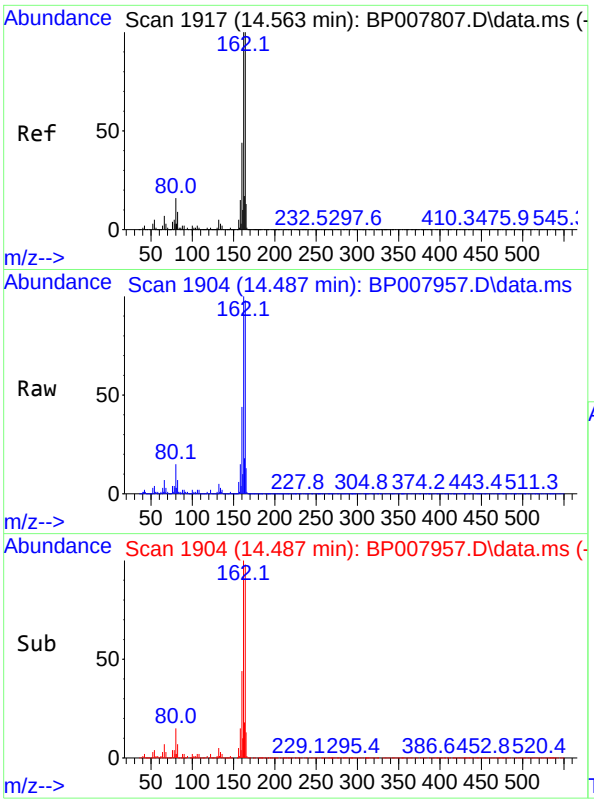


#38
1-Methylnaphthalene
Concen: 6.710 ng
RT: 12.528 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BP007957.D
Acq: 11 Nov 2021 21:45

Tgt Ion:142 Resp: 148196

Ion	Ratio	Lower	Upper
142	100		
141	92.7	74.4	111.6
116	4.5	3.4	5.0



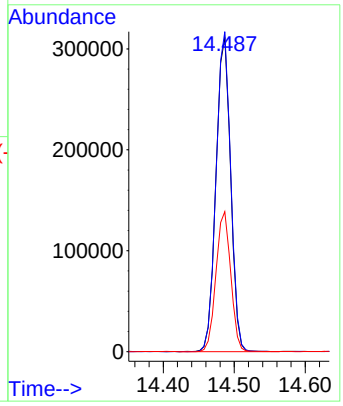


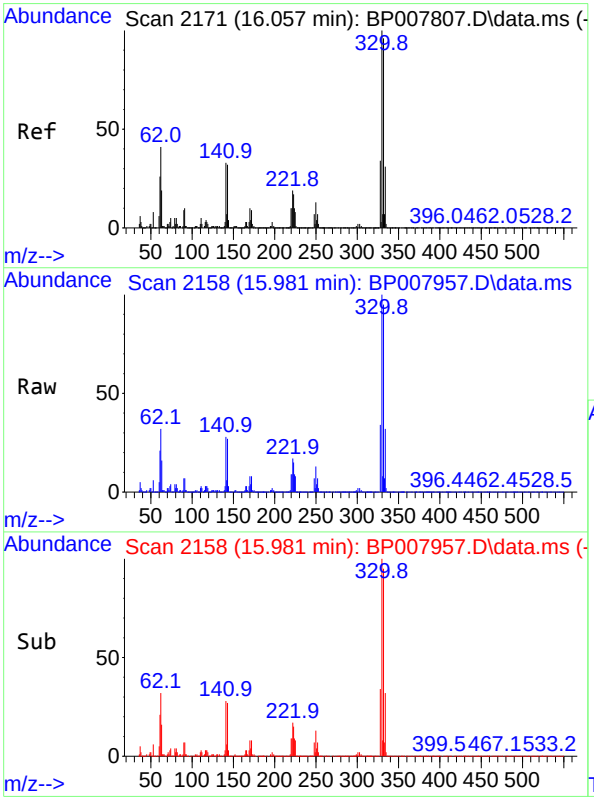
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.487 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP007957.D
Acq: 11 Nov 2021 21:45

Instrument :
BNA_P
ClientSampleId :
SB-13E-5.0

Tgt Ion:164 Resp: 445567

Ion	Ratio	Lower	Upper
164	100		
162	101.9	81.1	121.7
160	44.6	36.0	54.0

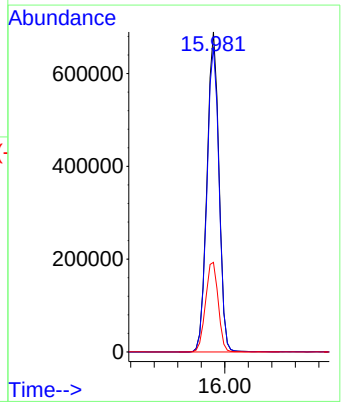


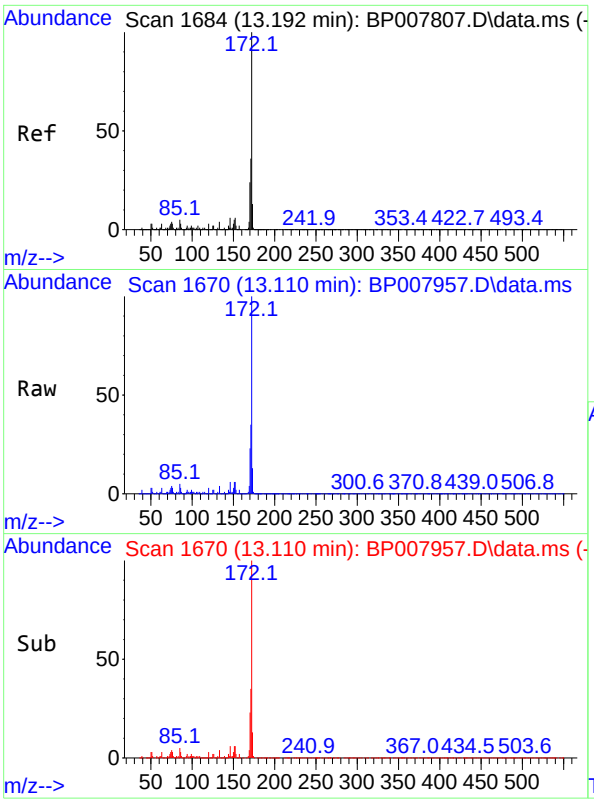


#42
2,4,6-Tribromophenol
Concen: 153.118 ng
RT: 15.981 min Scan# 2158
Delta R.T. -0.006 min
Lab File: BP007957.D
Acq: 11 Nov 2021 21:45

Tgt Ion:330 Resp: 973658

Ion	Ratio	Lower	Upper
330	100		
332	96.4	78.9	118.3
141	29.5	30.7	46.1#



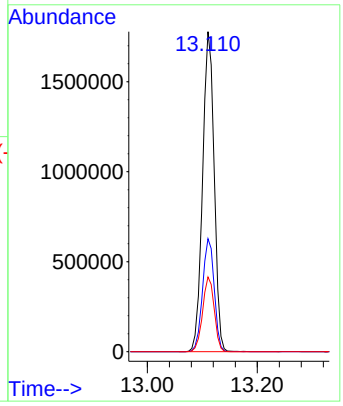


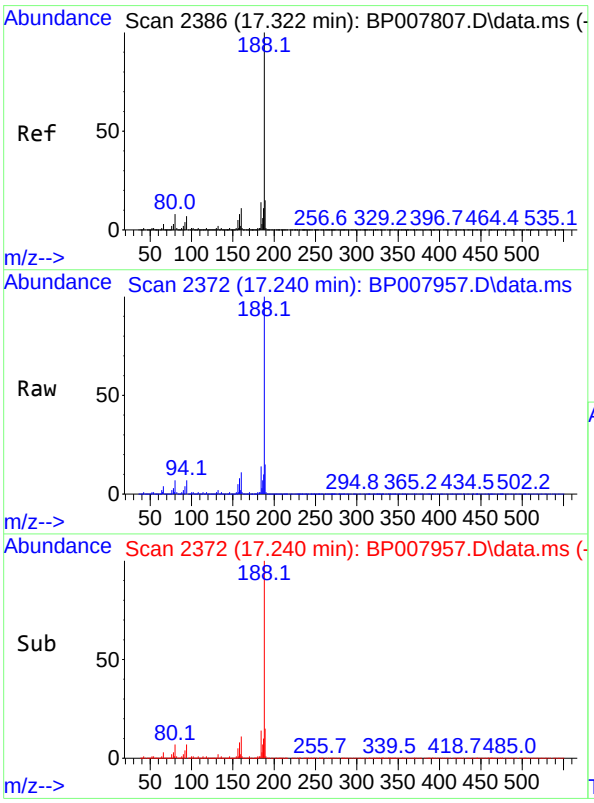
#45
2-Fluorobiphenyl
Concen: 85.074 ng
RT: 13.110 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP007957.D
Acq: 11 Nov 2021 21:45

Instrument :
BNA_P
ClientSampleId :
SB-13E-5.0

Tgt Ion:172 Resp: 2602962

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.2	42.2
170	23.4	19.0	28.4

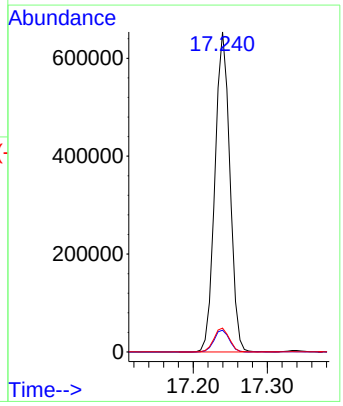


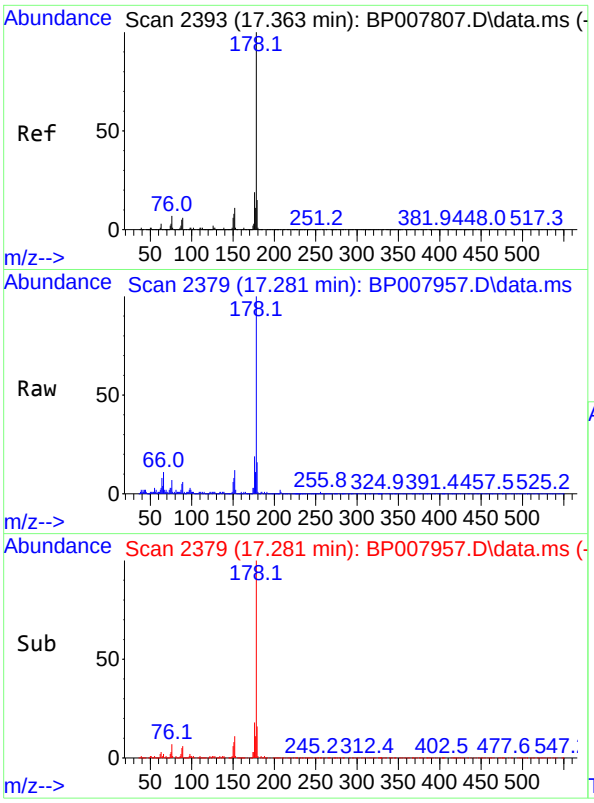


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.240 min Scan# 2372
Delta R.T. -0.006 min
Lab File: BP007957.D
Acq: 11 Nov 2021 21:45

Tgt Ion:188 Resp: 914963

Ion	Ratio	Lower	Upper
188	100		
94	6.8	7.1	10.7#
80	7.4	7.8	11.6#



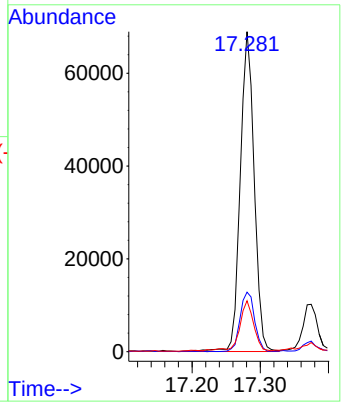


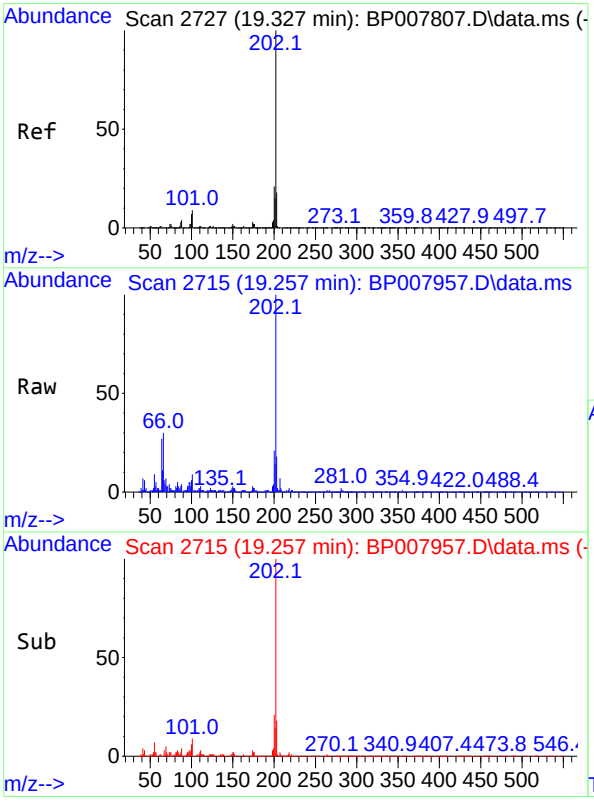
#71
Phenanthrene
Concen: 2.029 ng
RT: 17.281 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP007957.D
Acq: 11 Nov 2021 21:45

Instrument :
BNA_P
ClientSampleId :
SB-13E-5.0

Tgt Ion:178 Resp: 97584

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.0
179	15.9	12.3	18.5

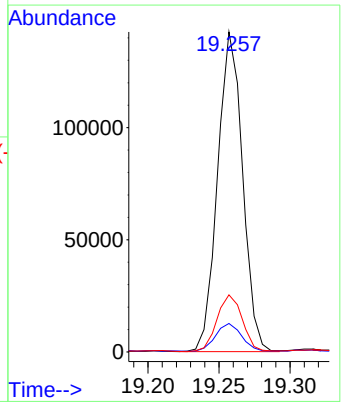


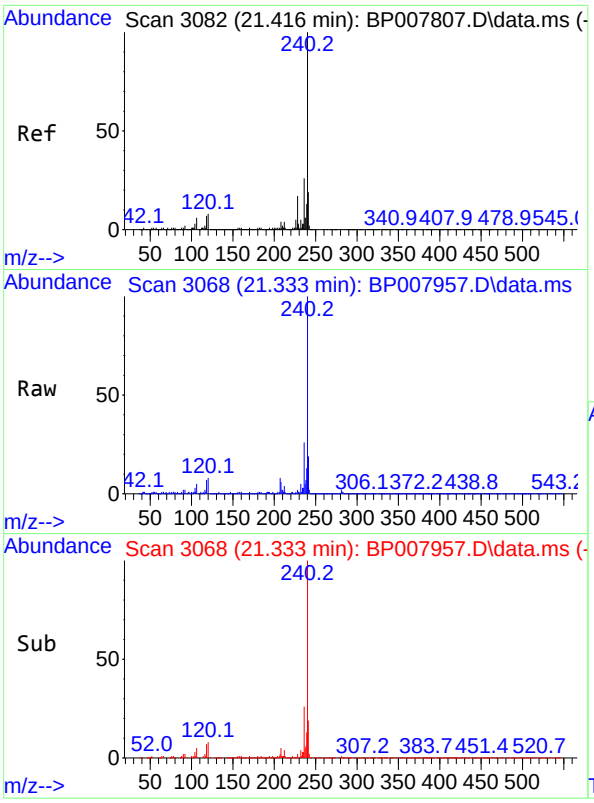


#75
Fluoranthene
Concen: 2.870 ng
RT: 19.257 min Scan# 2715
Delta R.T. -0.000 min
Lab File: BP007957.D
Acq: 11 Nov 2021 21:45

Tgt Ion:202 Resp: 174115

Ion	Ratio	Lower	Upper
202	100		
101	8.9	0.0	30.4
203	17.9	0.0	37.6



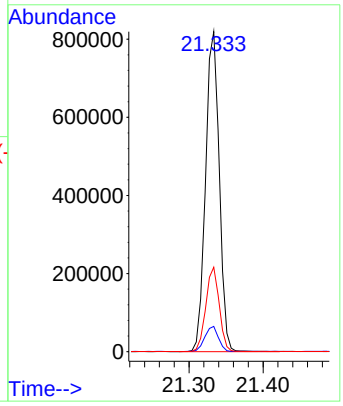


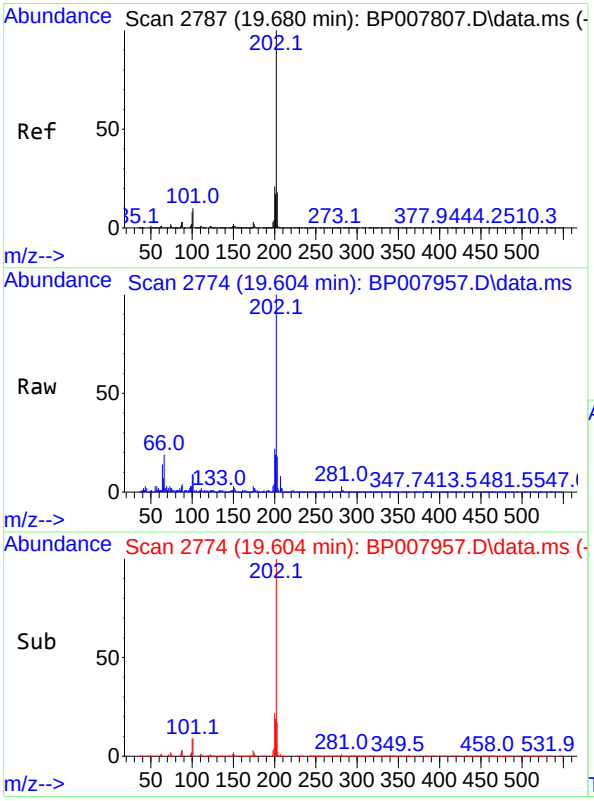
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.333 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP007957.D
Acq: 11 Nov 2021 21:45

Instrument :
BNA_P
ClientSampleId :
SB-13E-5.0

Tgt Ion:240 Resp: 1051522

Ion	Ratio	Lower	Upper
240	100		
120	7.9	7.8	11.8
236	26.4	20.6	30.8

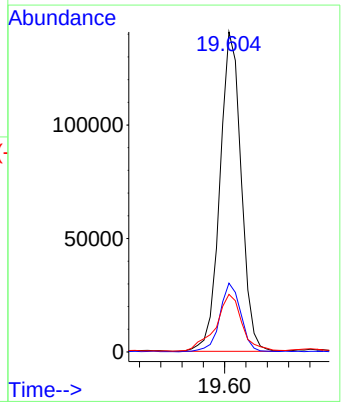


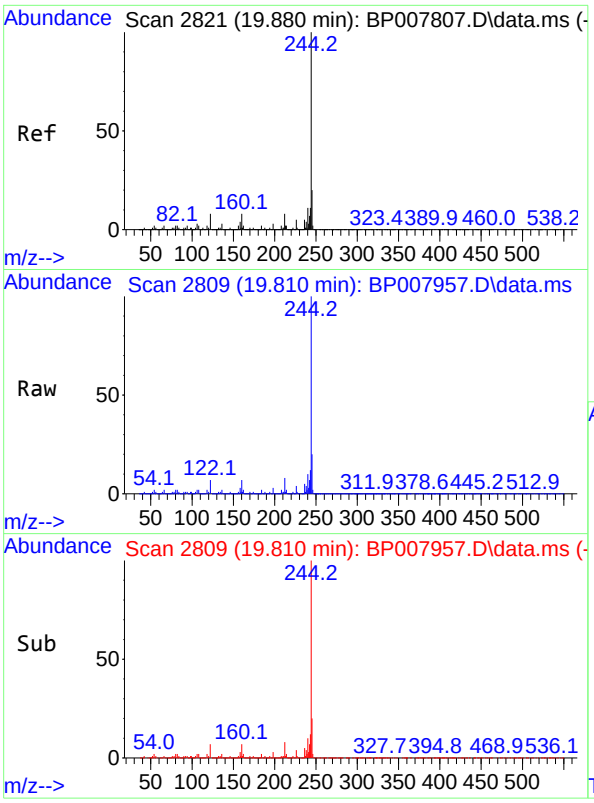


#78
Pyrene
Concen: 3.022 ng
RT: 19.604 min Scan# 2774
Delta R.T. -0.012 min
Lab File: BP007957.D
Acq: 11 Nov 2021 21:45

Tgt Ion:202 Resp: 194911

Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.9	25.3
203	18.0	13.8	20.6



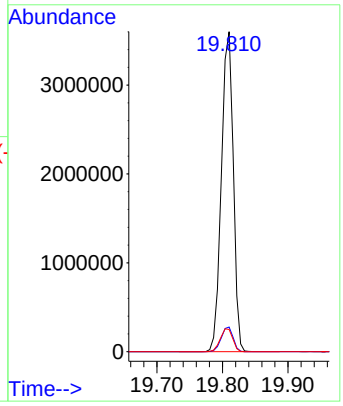


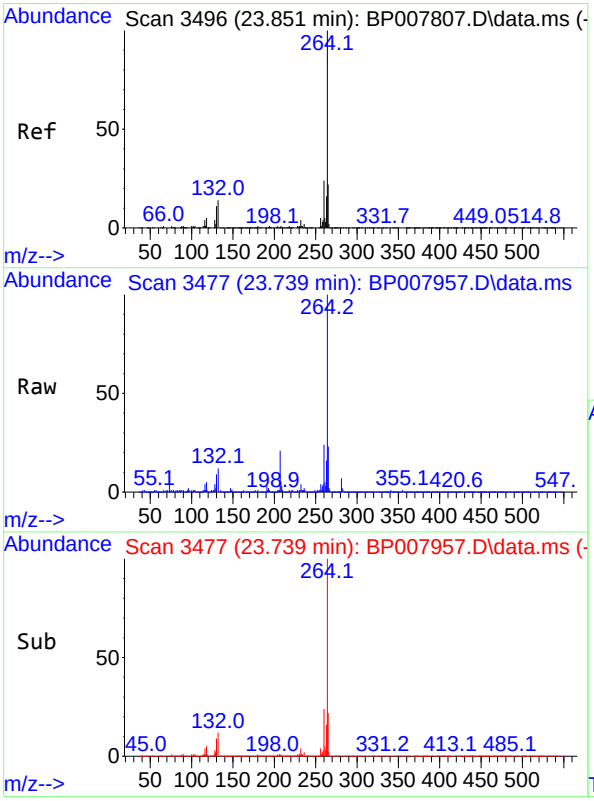
#79
Terphenyl-d14
Concen: 87.247 ng
RT: 19.810 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP007957.D
Acq: 11 Nov 2021 21:45

Instrument :
BNA_P
ClientSampleId :
SB-13E-5.0

Tgt Ion:244 Resp: 4505374

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	7.0	7.8	11.8#

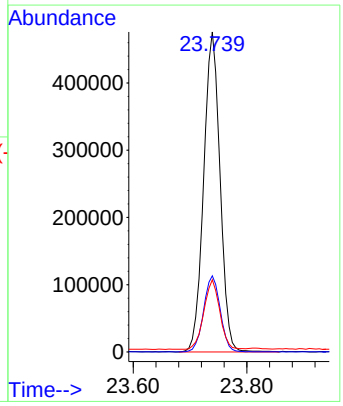


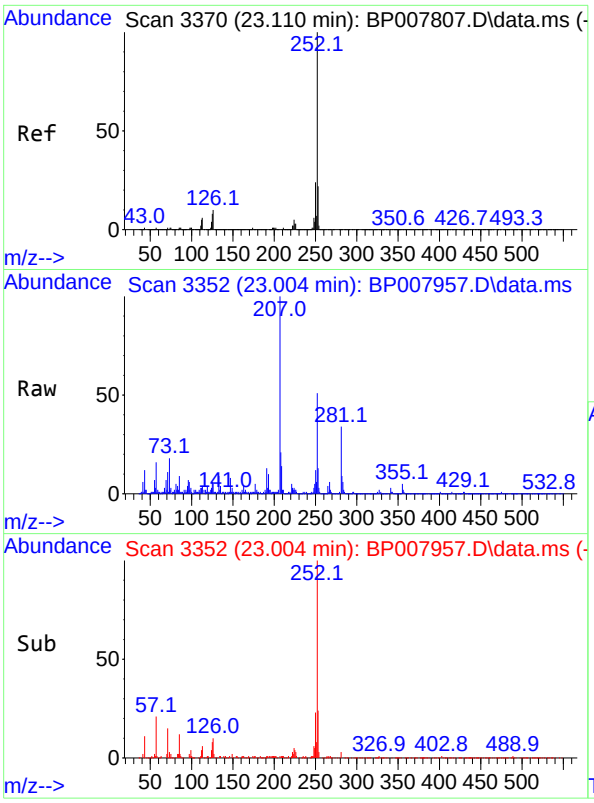


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.739 min Scan# 3477
Delta R.T. -0.012 min
Lab File: BP007957.D
Acq: 11 Nov 2021 21:45

Tgt Ion:264 Resp: 949447

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.1	28.7
265	22.6	16.7	25.1





#88
Benzo(b)fluoranthene
Concen: 2.121 ng
RT: 23.004 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP007957.D
Acq: 11 Nov 2021 21:45

Instrument :
BNA_P
ClientSampleId :
SB-13E-5.0

Tgt Ion:252 Resp: 118715

Ion	Ratio	Lower	Upper
252	100		
253	26.0	17.4	26.2
125	11.2	7.4	11.0#