Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110524\
Data File : BE101476.D
Acq On : 5 Nov 2024 13:20
Operator : RC/JU
Sample : P4675-02RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Nov 05 13:06:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 29 01:26:30 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.570	152	54196	20.000	ng	0.00
21) Naphthalene-d8	10.337	136	232476	20.000	ng	0.00
39) Acenaphthene-d10	14.180	164	158291	20.000	ng	0.00
64) Phenanthrene-d10	16.918	188	377849	20.000	ng	0.00
76) Chrysene-d12	21.077	240	468893	20.000	ng	0.00
86) Perylene-d12	23.363	264	597551	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.319	112	281954	91.182	ng	0.00
7) Phenol-d6	6.947	99	372313	86.834	ng	0.00
23) Nitrobenzene-d5	8.774	82	212712	57.469	ng	-0.01
42) 2,4,6-Tribromophenol	15.684	330	250898	90.436	ng	0.00
45) 2-Fluorobiphenyl	12.799	172	578229	61.864	ng	0.00
79) Terphenyl-d14	19.509	244	1353479	66.435	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	9.896	122	18	8.222	ng	# 33
54) 2,4-Dinitrophenol	14.344	184	9	5.621	ng	# 1
63) Azobenzene	15.543	77	28192	2.806	ng	# 1
71) Phenanthrene	16.953	178	64575	3.569	ng	98
75) Fluoranthene	18.962	202	134883	6.139	ng	95
78) Pyrene	19.327	202	116413	4.515	ng	96
81) Benzo(a)anthracene	21.054	228	74209	2.816	ng	95
83) Chrysene	21.107	228	68005	2.669	ng	95
88) Benzo(b)fluoranthene	22.652	252	130034	4.176	ng	99
89) Benzo(k)fluoranthene	22.652	252	130034	4.470	ng	100
90) Benzo(a)pyrene	23.251	252	68692	2.522	ng	99

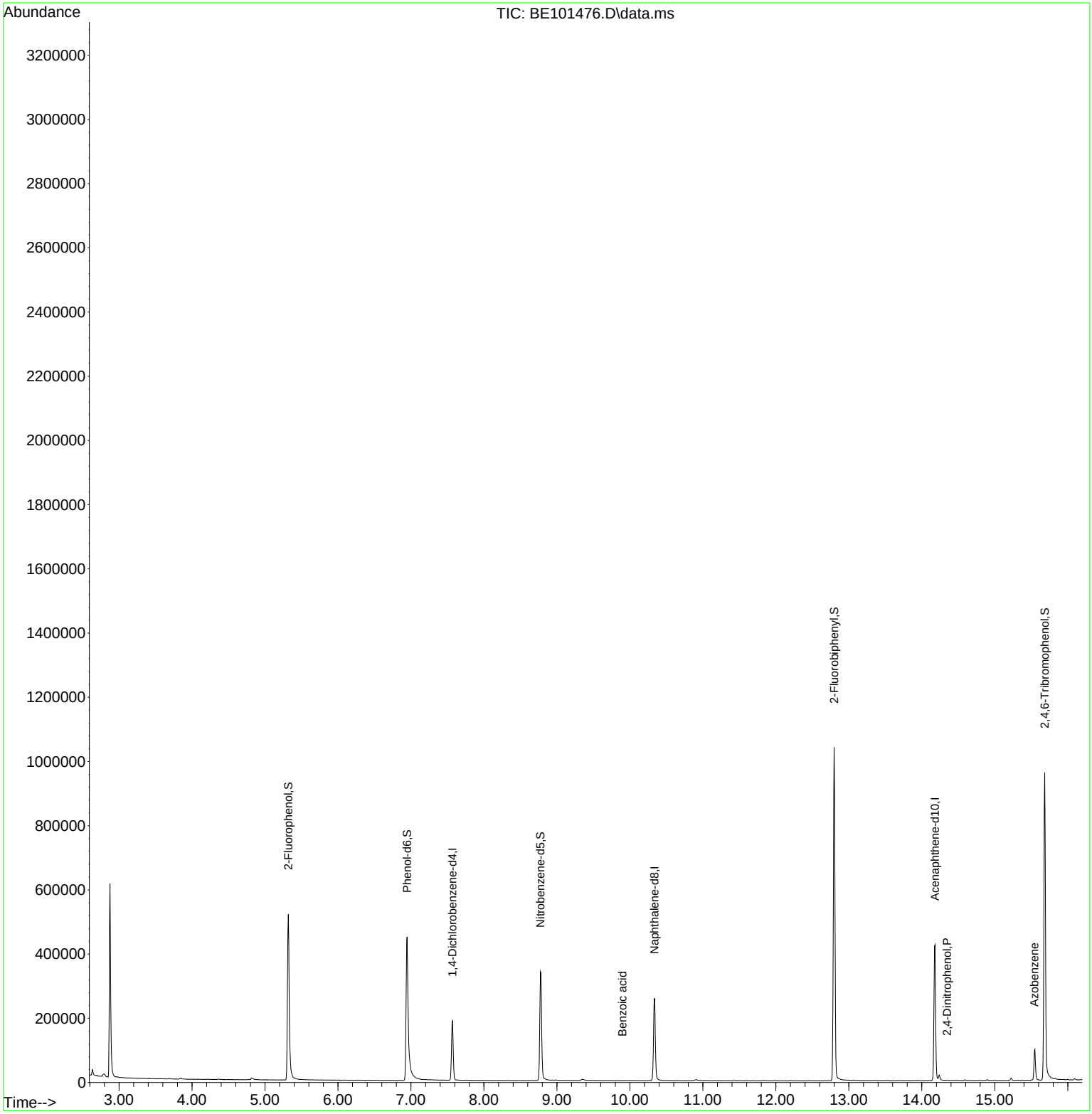
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110524\
Data File : BE101476.D
Acq On : 5 Nov 2024 13:20
Operator : RC/JU
Sample : P4675-02RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Nov 05 13:06:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 29 01:26:30 2024
Response via : Initial Calibration

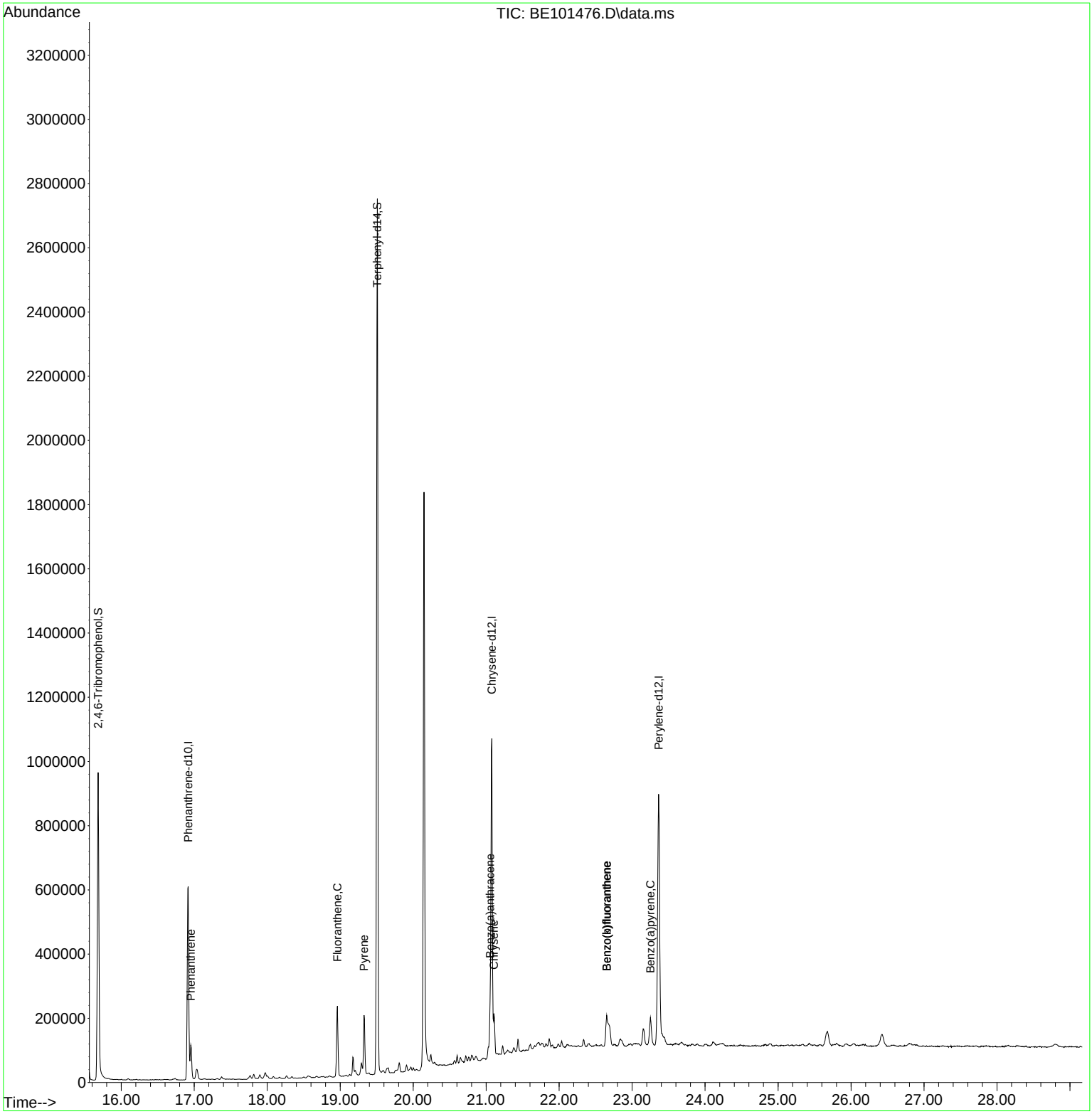


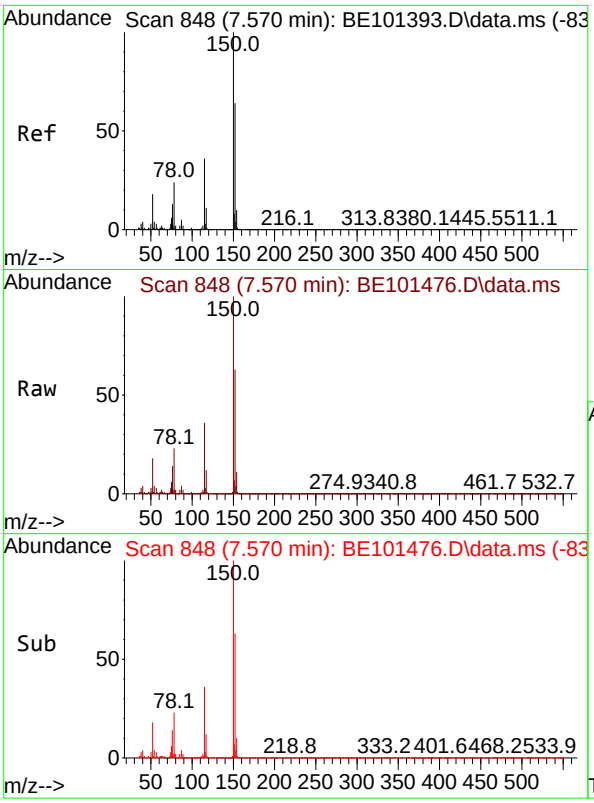
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110524\
Data File : BE101476.D
Acq On : 5 Nov 2024 13:20
Operator : RC/JU
Sample : P4675-02RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Nov 05 13:06:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 29 01:26:30 2024
Response via : Initial Calibration



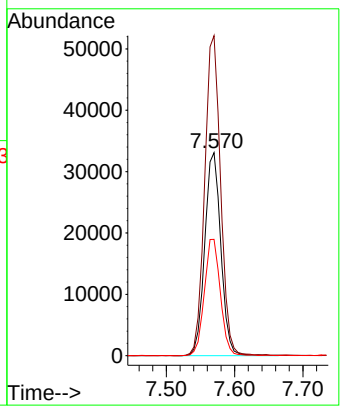


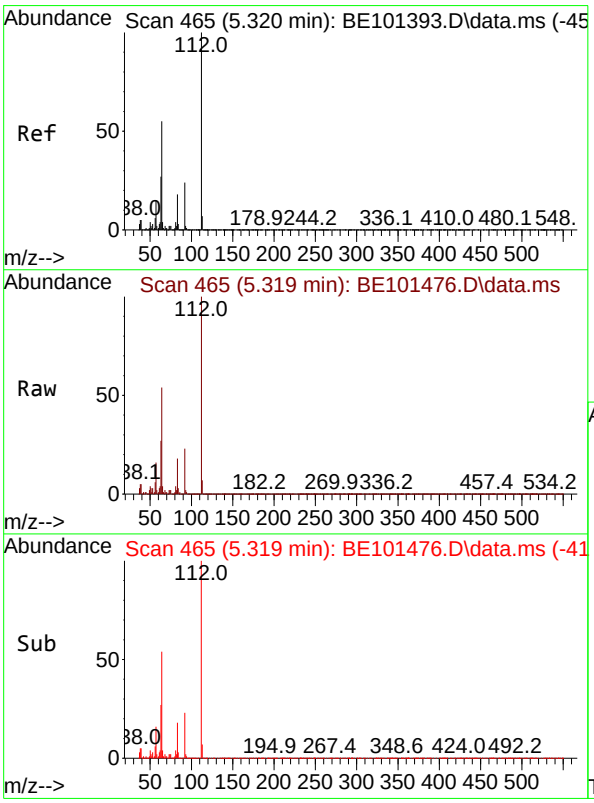
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.570 min Scan# 84
Delta R.T. -0.000 min
Lab File: BE101476.D
Acq: 5 Nov 2024 13:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 54196

Ion	Ratio	Lower	Upper
152	100		
150	157.7	124.2	186.4
115	57.3	45.3	67.9

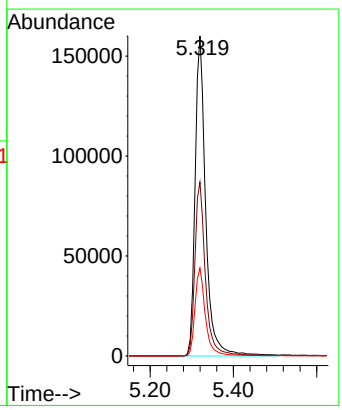


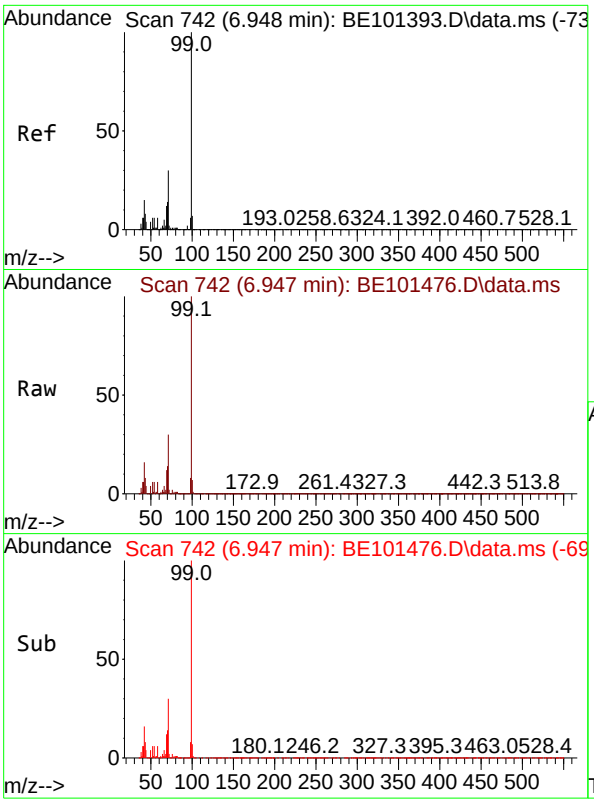


#5
2-Fluorophenol
Concen: 91.182 ng
RT: 5.319 min Scan# 465
Delta R.T. -0.001 min
Lab File: BE101476.D
Acq: 5 Nov 2024 13:20

Tgt Ion:112 Resp: 281954

Ion	Ratio	Lower	Upper
112	100		
64	54.3	43.7	65.5
63	27.4	21.4	32.2



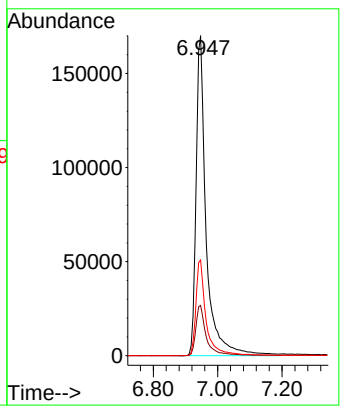


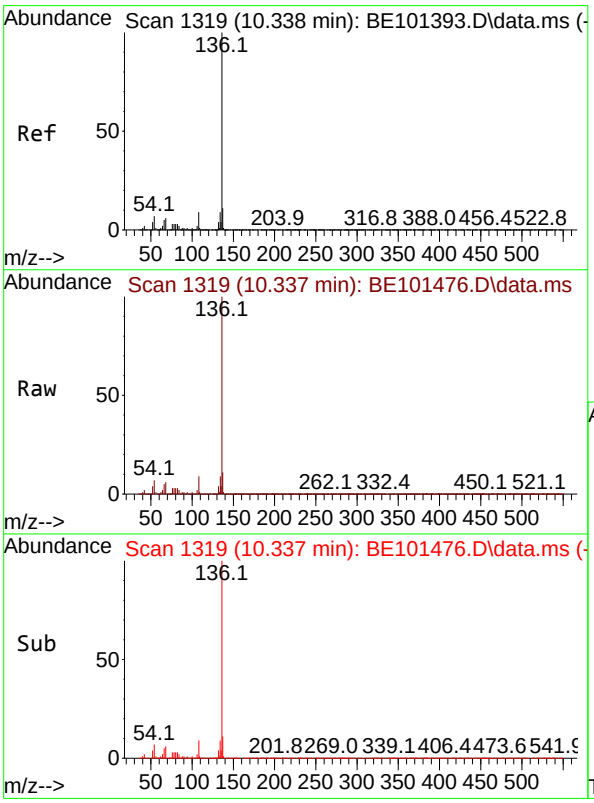
#7
Phenol-d6
Concen: 86.834 ng
RT: 6.947 min Scan# 7
Delta R.T. -0.001 min
Lab File: BE101476.D
Acq: 5 Nov 2024 13:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 372313

Ion	Ratio	Lower	Upper
99	100		
42	15.7	12.3	18.5
71	29.9	23.8	35.8

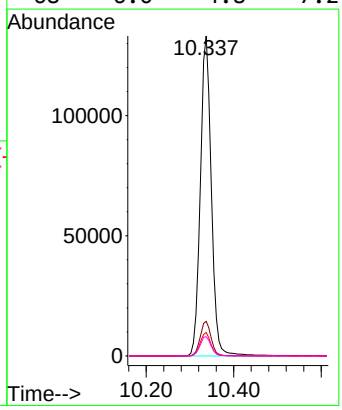


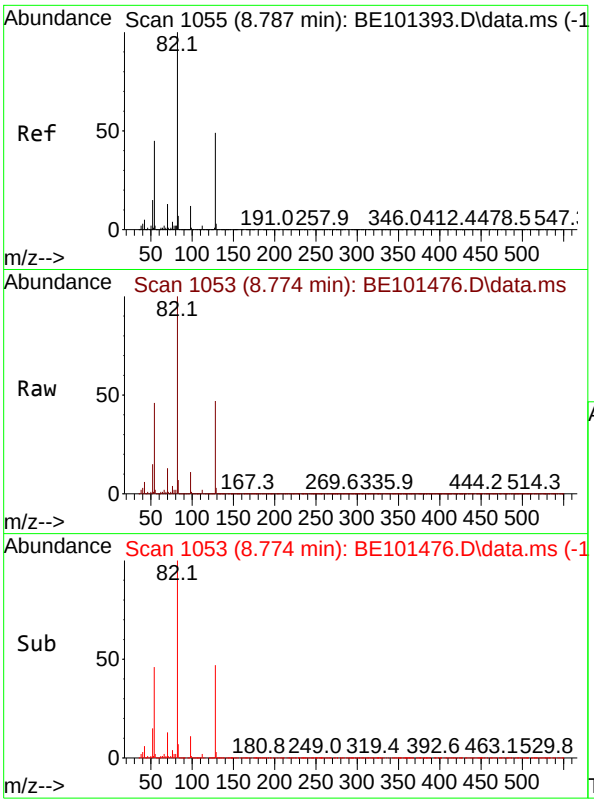


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.337 min Scan# 1319
Delta R.T. -0.001 min
Lab File: BE101476.D
Acq: 5 Nov 2024 13:20

Tgt Ion:136 Resp: 232476

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	7.4	5.9	8.9
68	6.0	4.8	7.2



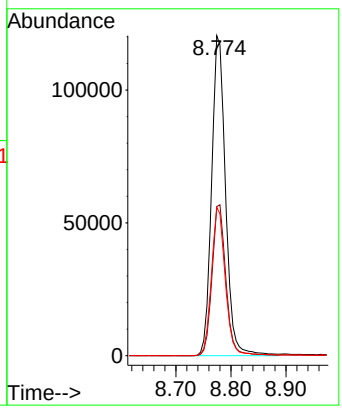


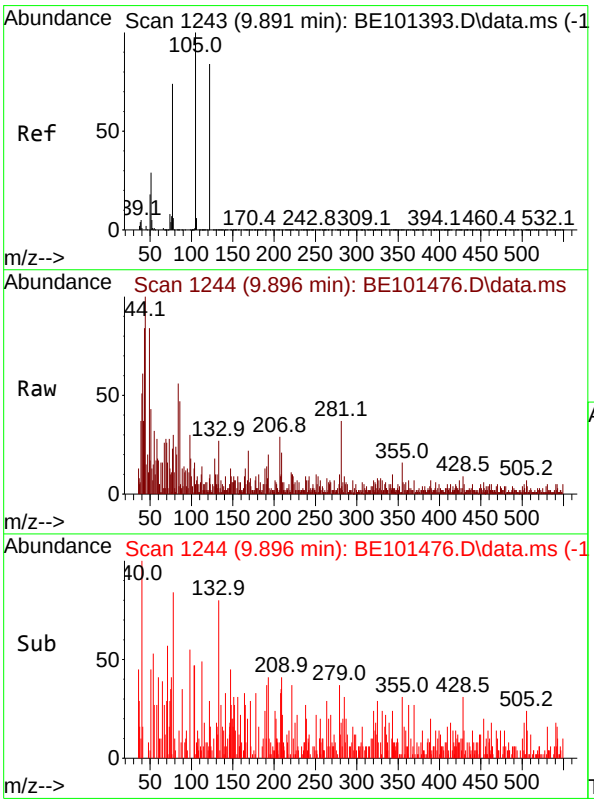
#23
Nitrobenzene-d5
Concen: 57.469 ng
RT: 8.774 min Scan# 1
Delta R.T. -0.013 min
Lab File: BE101476.D
Acq: 5 Nov 2024 13:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 212712

Ion	Ratio	Lower	Upper
82	100		
128	46.6	38.9	58.3
54	46.4	36.2	54.4

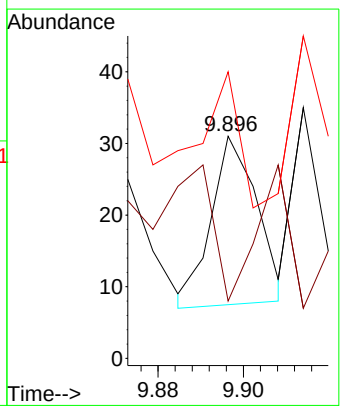


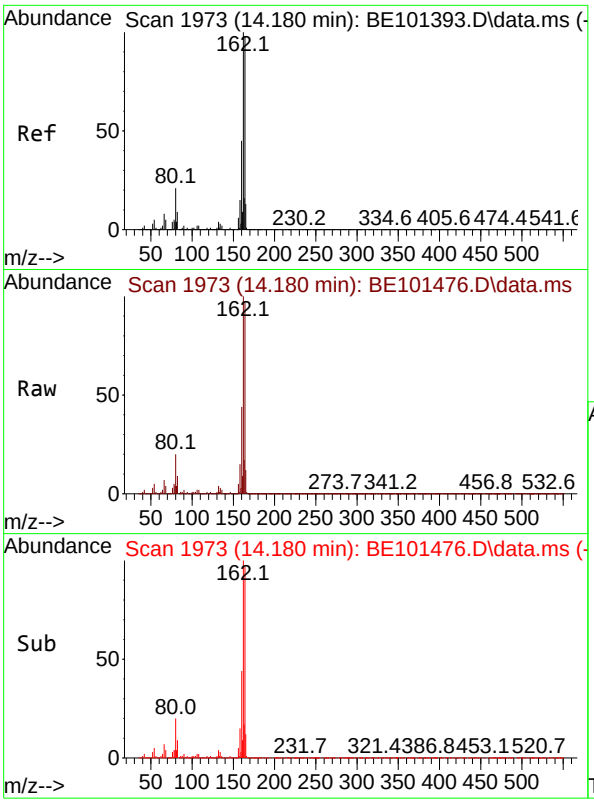


#32
Benzoic acid
Concen: 8.222 ng
RT: 9.896 min Scan# 1244
Delta R.T. 0.005 min
Lab File: BE101476.D
Acq: 5 Nov 2024 13:20

Tgt Ion:122 Resp: 18

Ion	Ratio	Lower	Upper
122	100		
105	25.8	97.9	137.9#
77	129.0	68.1	108.1#



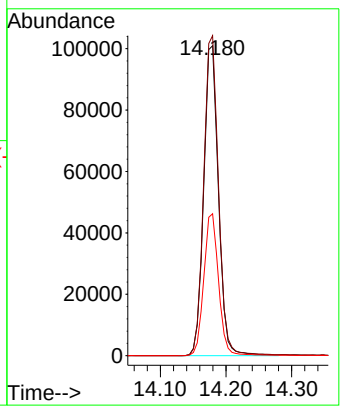


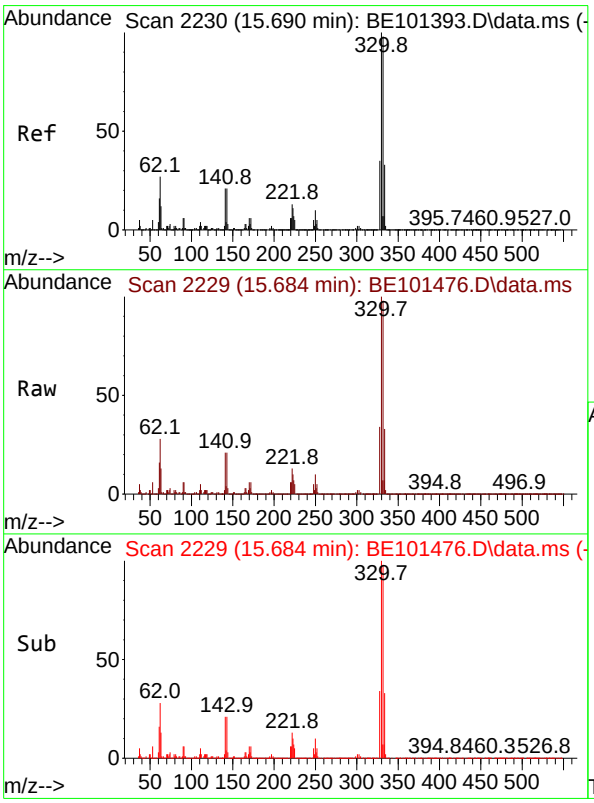
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.180 min Scan# 1
Delta R.T. -0.001 min
Lab File: BE101476.D
Acq: 5 Nov 2024 13:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 158291

Ion	Ratio	Lower	Upper
164	100		
162	103.2	81.3	121.9
160	45.8	36.4	54.6

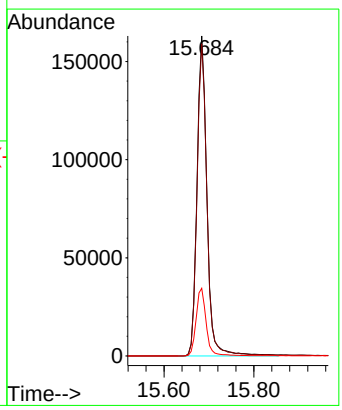


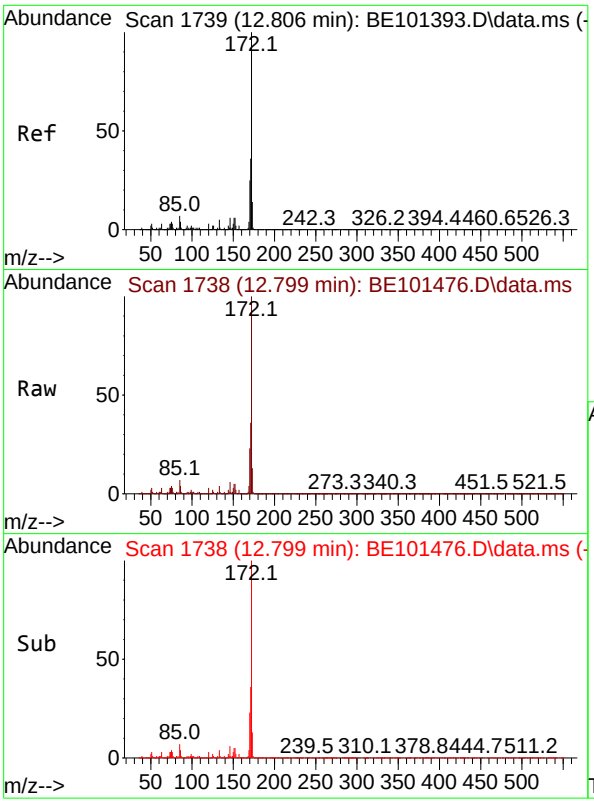


#42
2,4,6-Tribromophenol
Concen: 90.436 ng
RT: 15.684 min Scan# 2229
Delta R.T. -0.007 min
Lab File: BE101476.D
Acq: 5 Nov 2024 13:20

Tgt Ion:330 Resp: 250898

Ion	Ratio	Lower	Upper
330	100		
332	97.0	78.2	117.2
141	21.7	18.3	27.5



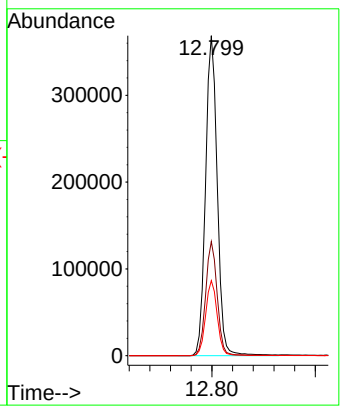


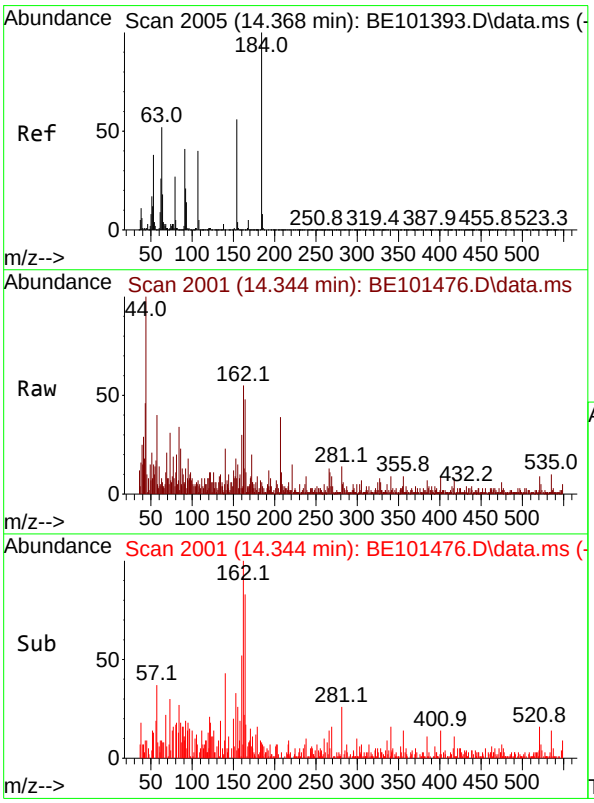
#45
2-Fluorobiphenyl
Concen: 61.864 ng
RT: 12.799 min Scan# 1
Delta R.T. -0.007 min
Lab File: BE101476.D
Acq: 5 Nov 2024 13:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 578229

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.2	43.8
170	23.5	19.8	29.6

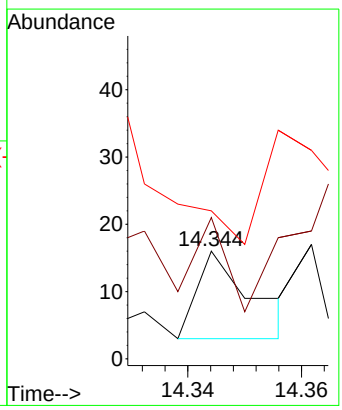


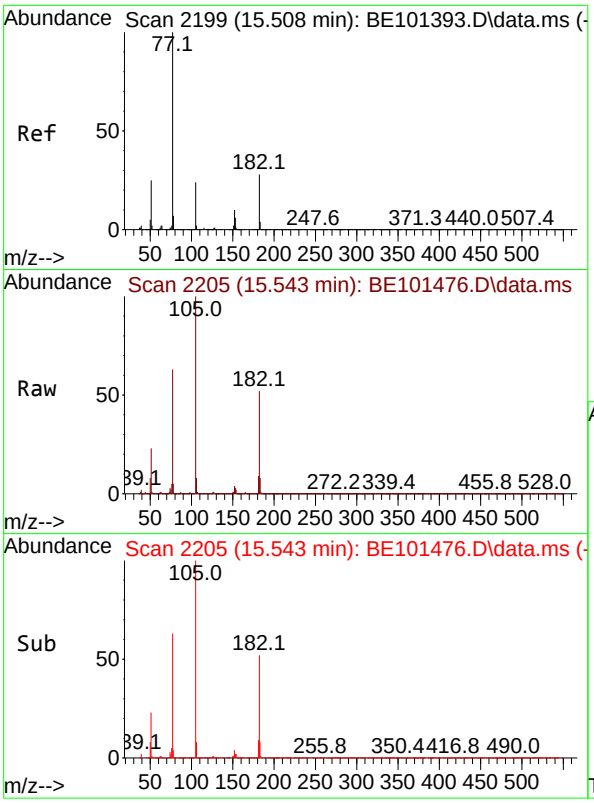


#54
2,4-Dinitrophenol
Concen: 5.621 ng
RT: 14.344 min Scan# 2001
Delta R.T. -0.024 min
Lab File: BE101476.D
Acq: 5 Nov 2024 13:20

Tgt Ion:184 Resp: 9

Ion	Ratio	Lower	Upper
184	100		
63	131.3	41.8	62.6#
154	137.5	44.9	67.3#



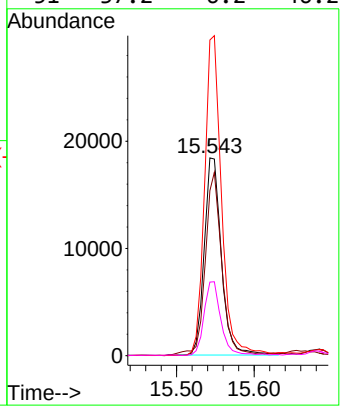


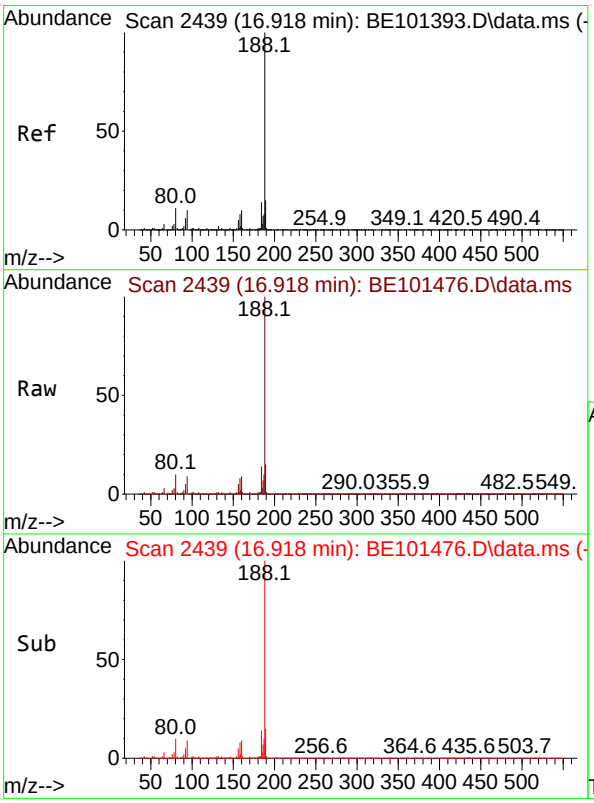
#63
Azobenzene
Concen: 2.806 ng
RT: 15.543 min Scan# 2
Delta R.T. 0.034 min
Lab File: BE101476.D
Acq: 5 Nov 2024 13:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 77 Resp: 28192

Ion	Ratio	Lower	Upper
77	100		
182	83.5	7.6	47.6#
105	159.7	3.2	43.2#
51	37.2	6.2	46.2

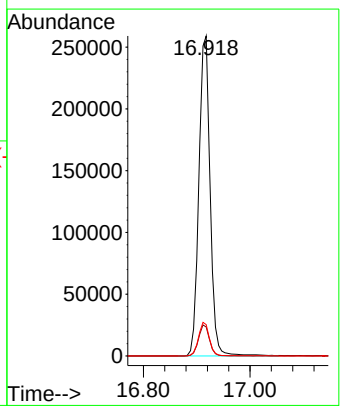


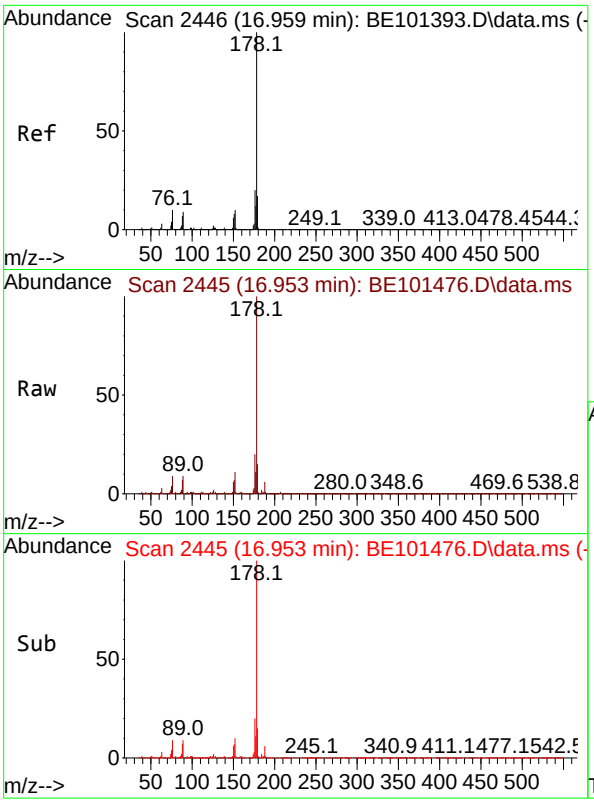


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.918 min Scan# 2439
Delta R.T. -0.001 min
Lab File: BE101476.D
Acq: 5 Nov 2024 13:20

Tgt Ion:188 Resp: 377849

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.8	11.8
80	9.8	8.6	12.8



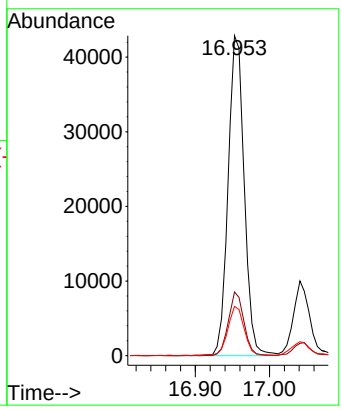


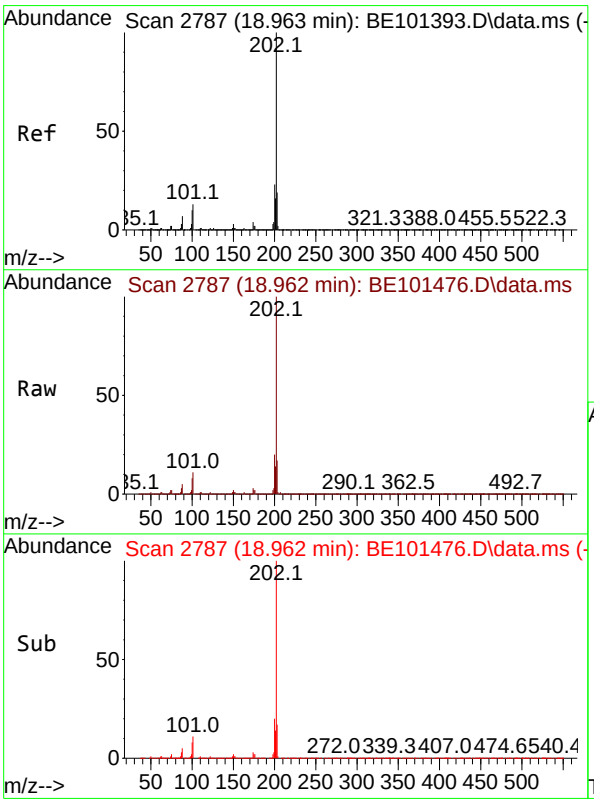
#71
Phenanthrene
Concen: 3.569 ng
RT: 16.953 min Scan# 24
Delta R.T. -0.007 min
Lab File: BE101476.D
Acq: 5 Nov 2024 13:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 64575

Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.4	24.6
179	15.4	13.2	19.8

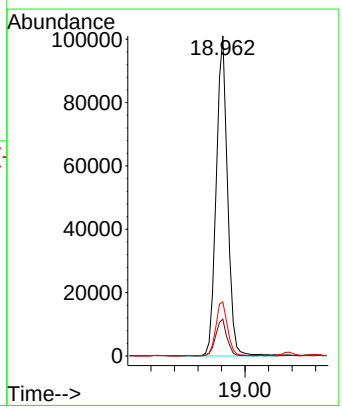


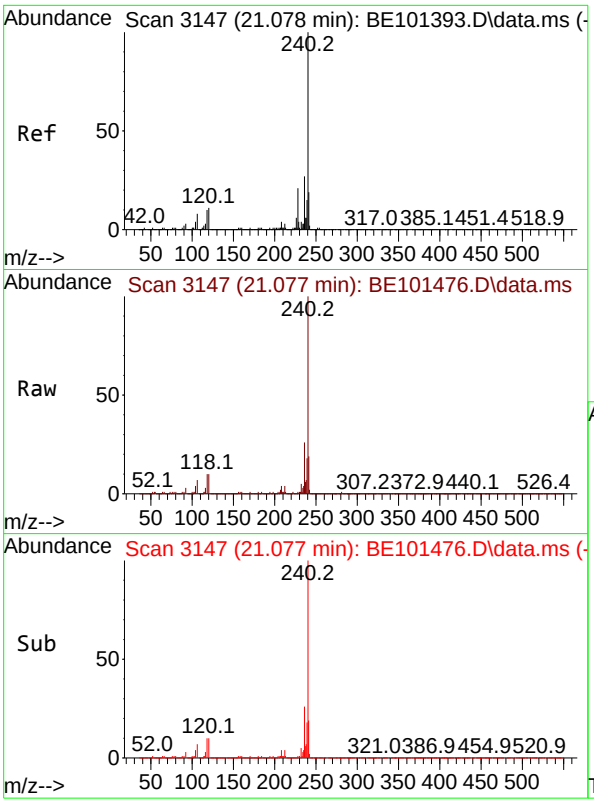


#75
Fluoranthene
Concen: 6.139 ng
RT: 18.962 min Scan# 2787
Delta R.T. -0.001 min
Lab File: BE101476.D
Acq: 5 Nov 2024 13:20

Tgt Ion:202 Resp: 134883

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	33.3
203	16.9	0.0	39.3



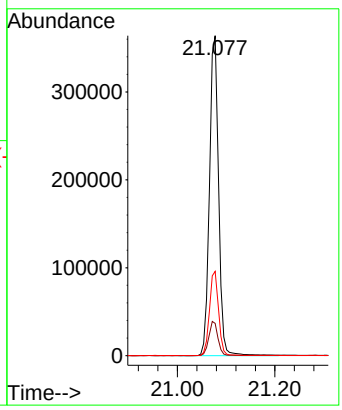


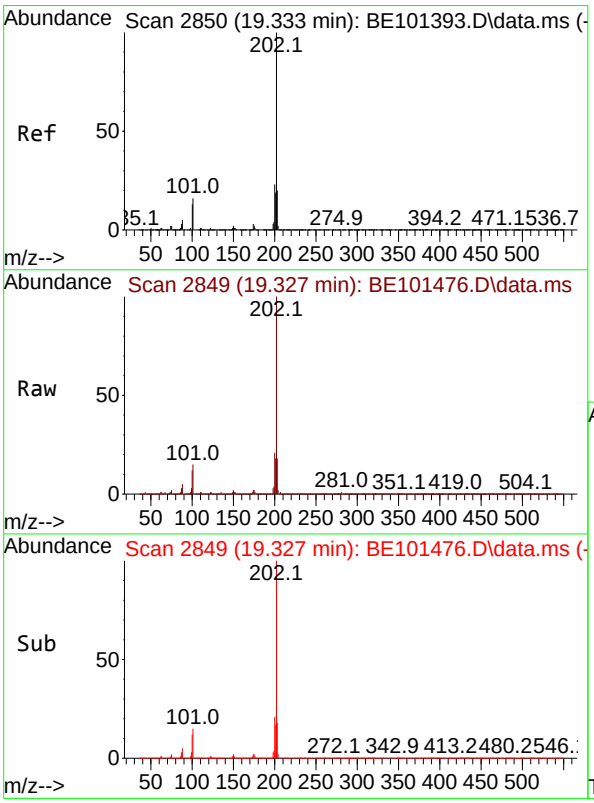
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.077 min Scan# 3
Delta R.T. -0.001 min
Lab File: BE101476.D
Acq: 5 Nov 2024 13:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 468893

Ion	Ratio	Lower	Upper
240	100		
120	10.1	9.0	13.4
236	26.3	21.4	32.0

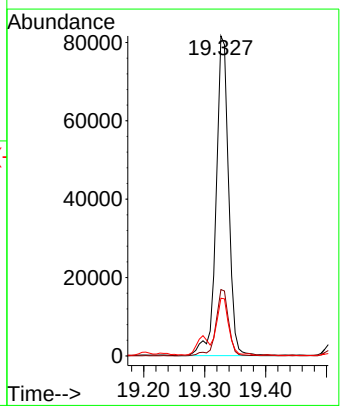


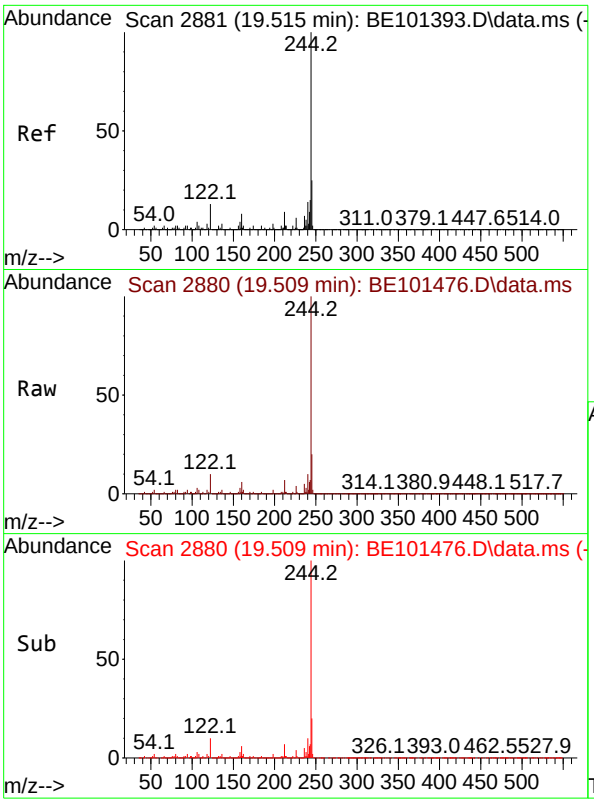


#78
Pyrene
Concen: 4.515 ng
RT: 19.327 min Scan# 2849
Delta R.T. -0.007 min
Lab File: BE101476.D
Acq: 5 Nov 2024 13:20

Tgt Ion:202 Resp: 116413

Ion	Ratio	Lower	Upper
202	100		
200	20.8	18.6	28.0
203	18.1	15.6	23.4



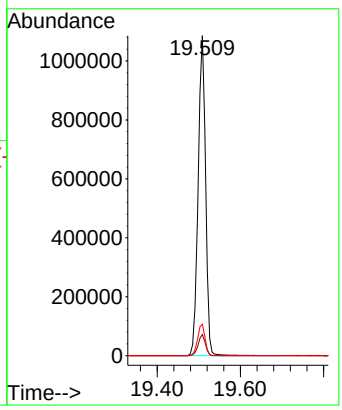


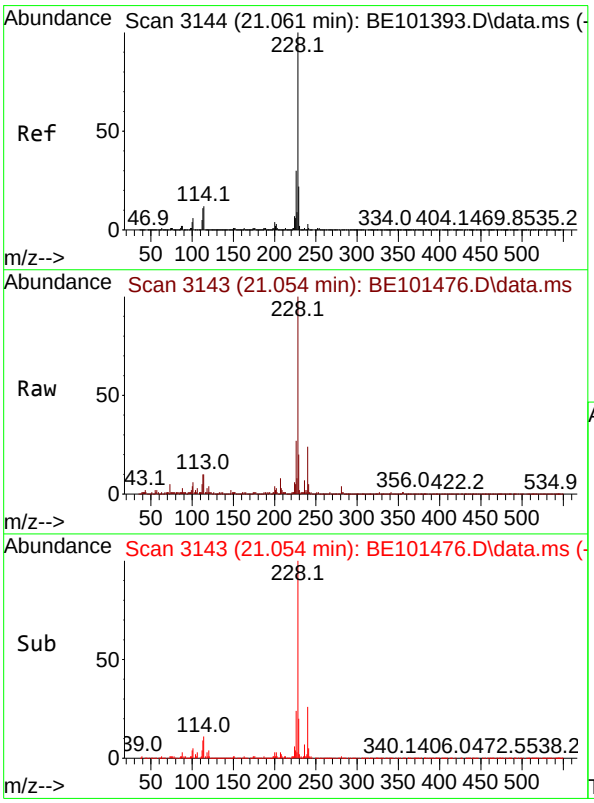
#79
Terphenyl-d14
Concen: 66.435 ng
RT: 19.509 min Scan# 2
Delta R.T. -0.006 min
Lab File: BE101476.D
Acq: 5 Nov 2024 13:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 1353479

Ion	Ratio	Lower	Upper
244	100		
212	6.6	7.2	10.8#
122	9.8	10.4	15.6#

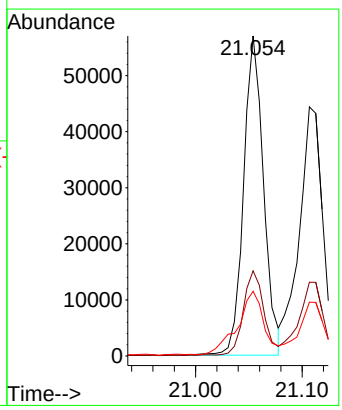


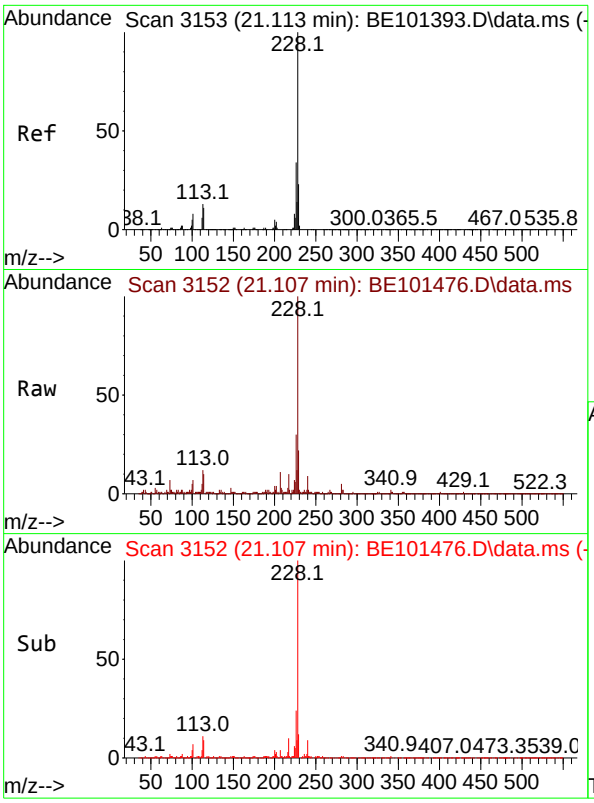


#81
Benzo(a)anthracene
Concen: 2.816 ng
RT: 21.054 min Scan# 3143
Delta R.T. -0.007 min
Lab File: BE101476.D
Acq: 5 Nov 2024 13:20

Tgt Ion:228 Resp: 74209

Ion	Ratio	Lower	Upper
228	100		
226	26.6	24.1	36.1
229	20.2	17.3	25.9



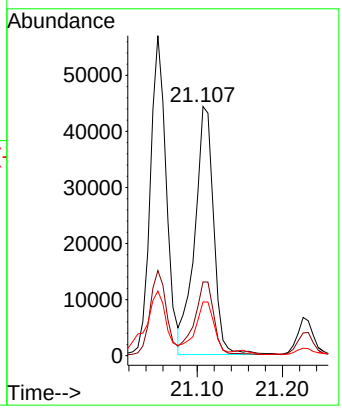


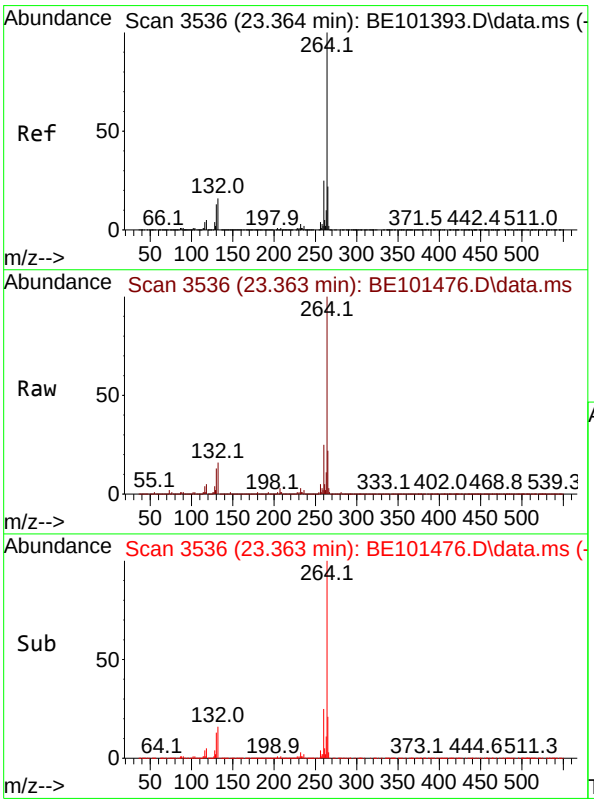
#83
Chrysene
Concen: 2.669 ng
RT: 21.107 min Scan# 3
Delta R.T. -0.007 min
Lab File: BE101476.D
Acq: 5 Nov 2024 13:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 68005

Ion	Ratio	Lower	Upper
228	100		
226	29.6	27.2	40.8
229	21.6	18.0	27.0

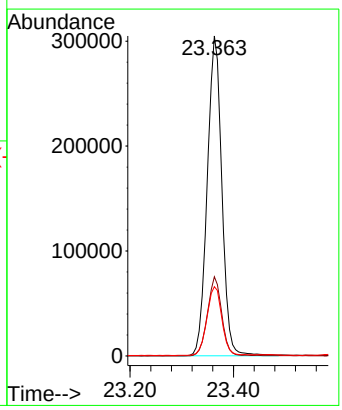


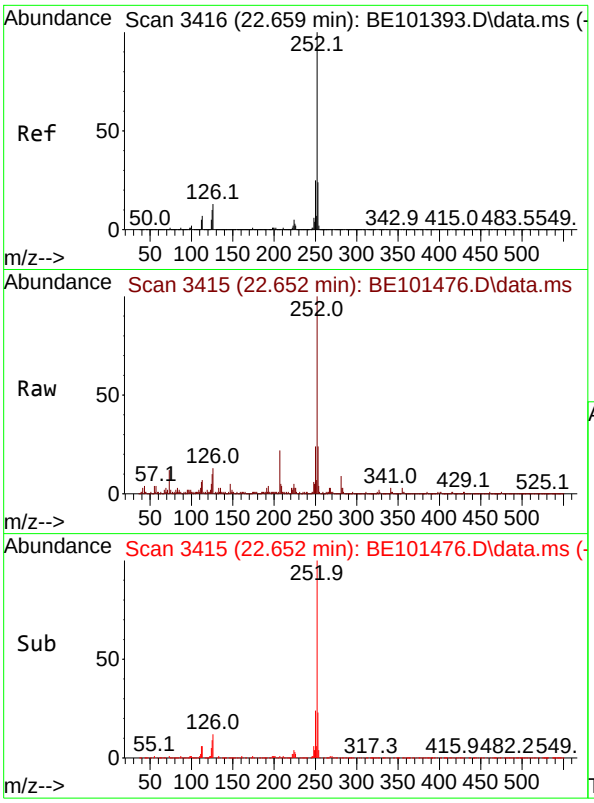


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.363 min Scan# 3536
Delta R.T. -0.001 min
Lab File: BE101476.D
Acq: 5 Nov 2024 13:20

Tgt Ion:264 Resp: 597551

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.8	29.8
265	21.6	17.6	26.4



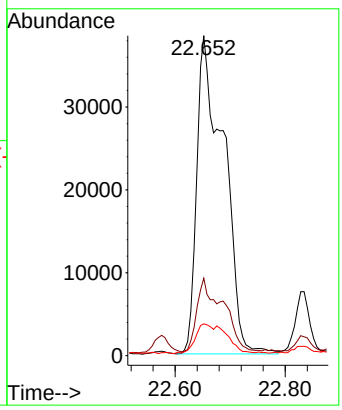


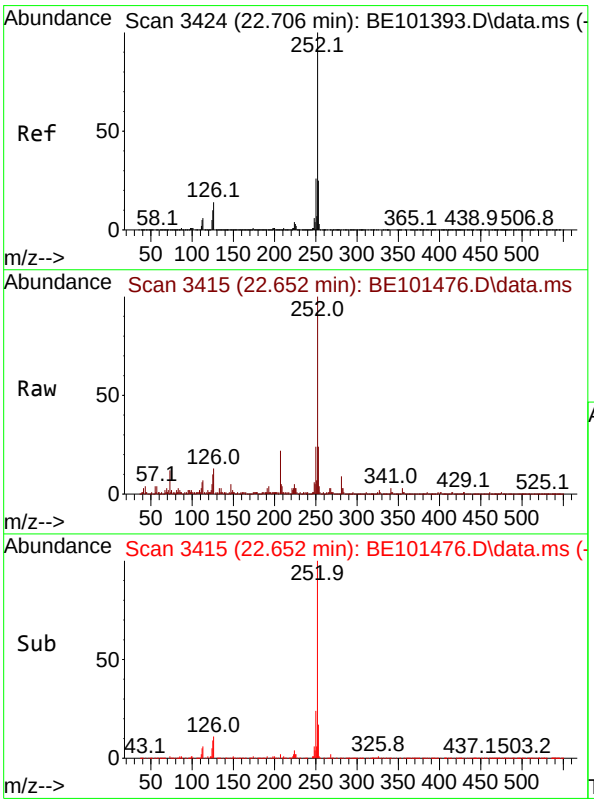
#88
Benzo(b)fluoranthene
Concen: 4.176 ng
RT: 22.652 min Scan# 34
Delta R.T. -0.007 min
Lab File: BE101476.D
Acq: 5 Nov 2024 13:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 130034

Ion	Ratio	Lower	Upper
252	100		
253	24.2	19.0	28.6
125	10.0	8.2	12.2

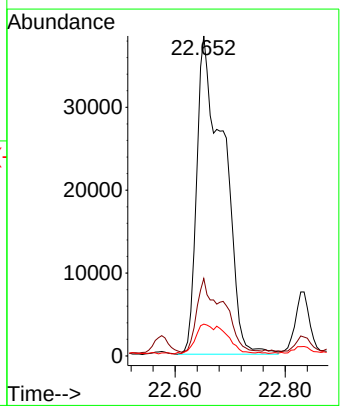


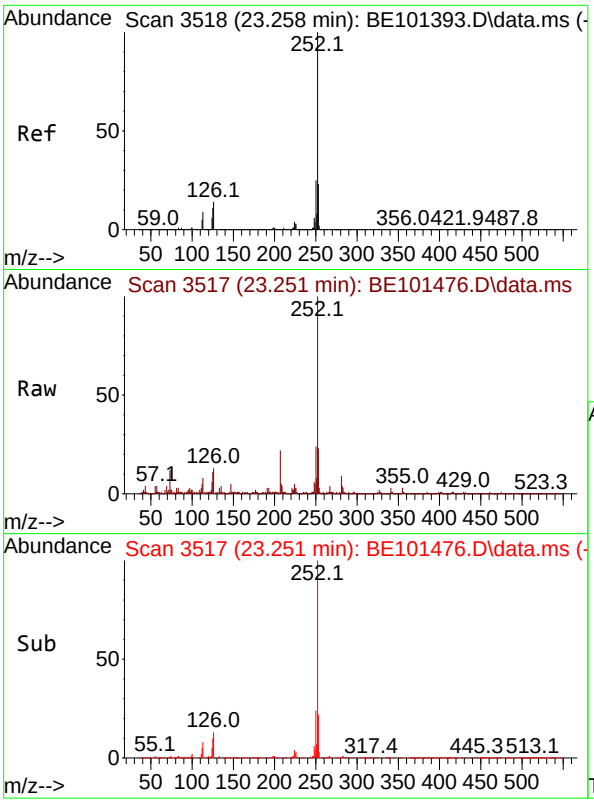


#89
Benzo(k)fluoranthene
Concen: 4.470 ng
RT: 22.652 min Scan# 3415
Delta R.T. -0.054 min
Lab File: BE101476.D
Acq: 5 Nov 2024 13:20

Tgt Ion:252 Resp: 130034

Ion	Ratio	Lower	Upper
252	100		
253	24.2	19.4	29.2
125	10.0	8.2	12.2





#90
Benzo(a)pyrene
Concen: 2.522 ng
RT: 23.251 min Scan# 3
Delta R.T. -0.007 min
Lab File: BE101476.D
Acq: 5 Nov 2024 13:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 68692

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.4	27.6
125	10.9	9.0	13.6