Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE103124\
Data File : BE101435.D
Acq On : 31 Oct 2024 16:25
Operator : RC/JU
Sample : P4640-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
MH-3

Quant Time: Nov 01 06:14:08 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	7.572	152	139764	20.000	ng		0.00
21) Naphthalene-d8	10.340	136	634352	20.000	ng		0.00
39) Acenaphthene-d10	14.176	164	439064	20.000	ng		0.00
64) Phenanthrene-d10	16.914	188	961666	20.000	ng		0.00
76) Chrysene-d12	21.080	240	1016222	20.000	ng		0.00
86) Perylene-d12	23.371	264	1327340	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.322	112	208306	26.122	ng		0.00
7) Phenol-d6	6.950	99	275901	24.952	ng		0.00
23) Nitrobenzene-d5	8.783	82	158328	15.677	ng		0.00
42) 2,4,6-Tribromophenol	15.680	330	194366	25.258	ng		0.00
45) 2-Fluorobiphenyl	12.801	172	455748	17.579	ng		0.00
79) Terphenyl-d14	19.505	244	916274	20.752	ng		0.00
Target Compounds							Qvalue
32) Benzoic acid	9.893	122	112	8.229	ng	#	1
54) 2,4-Dinitrophenol	14.364	184	28	5.622	ng	#	1
71) Phenanthrene	16.955	178	146776	3.188	ng		99
75) Fluoranthene	18.965	202	306936	5.489	ng		96
78) Pyrene	19.329	202	310459	5.555	ng		96
81) Benzo(a)anthracene	21.057	228	170857	2.991	ng		96
83) Chrysene	21.109	228	168573	3.052	ng		94
88) Benzo(b)fluoranthene	22.661	252	328880	4.754	ng	#	87
89) Benzo(k)fluoranthene	22.661	252	328880	5.089	ng	#	87
90) Benzo(a)pyrene	23.254	252	180907	2.990	ng	#	86

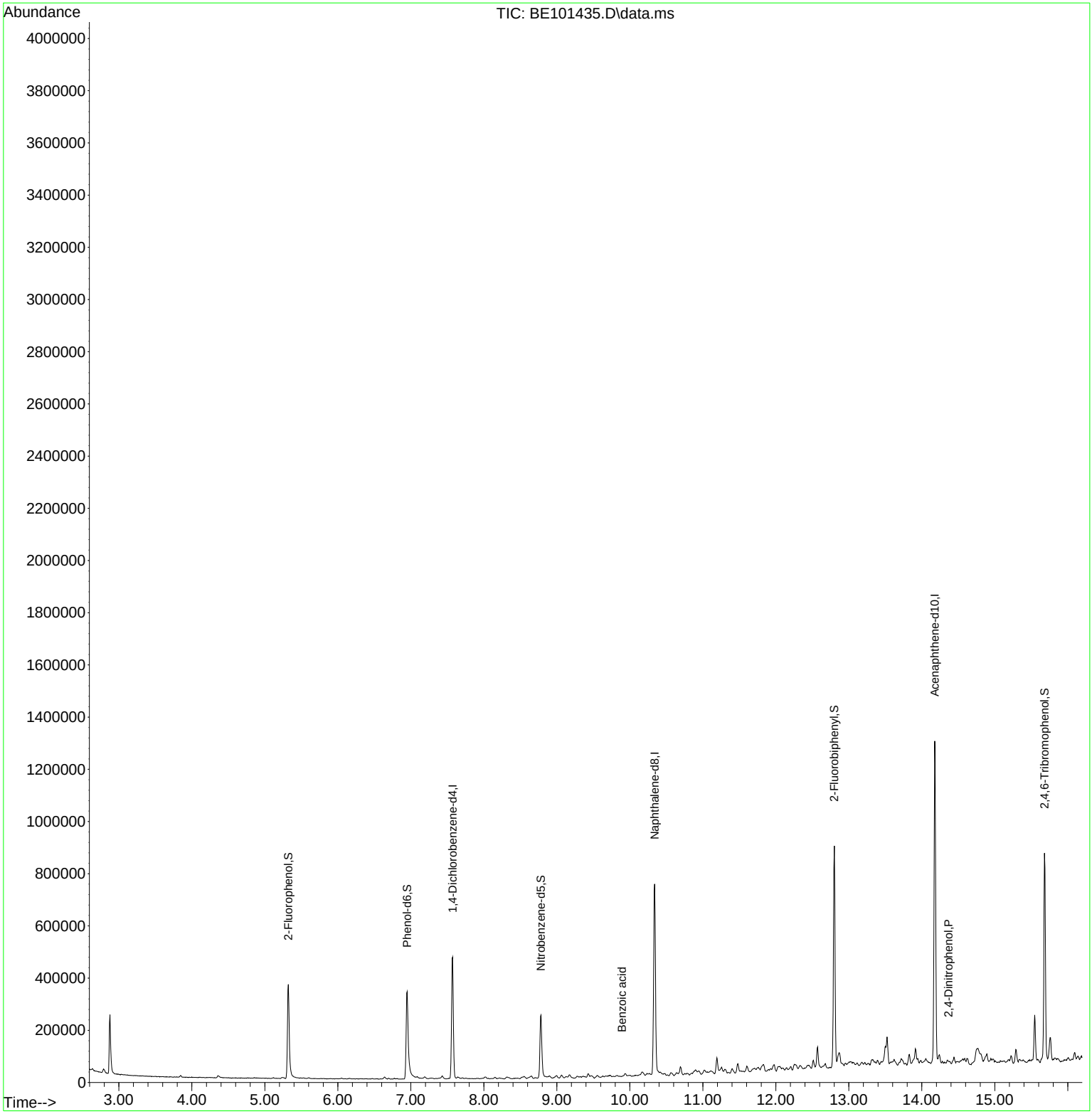
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE103124\
Data File : BE101435.D
Acq On : 31 Oct 2024 16:25
Operator : RC/JU
Sample : P4640-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
MH-3

Quant Time: Nov 01 06:14:08 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

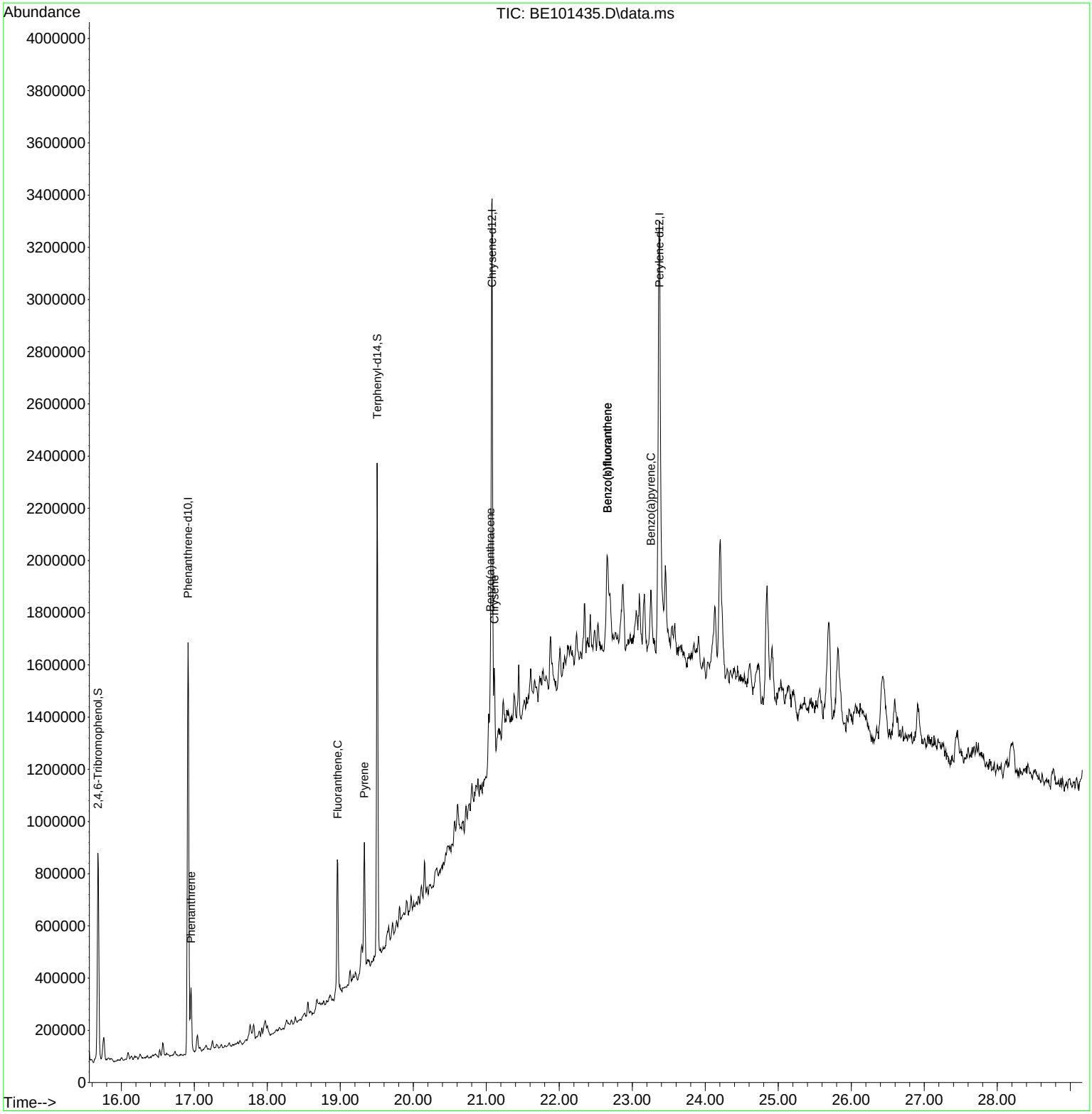


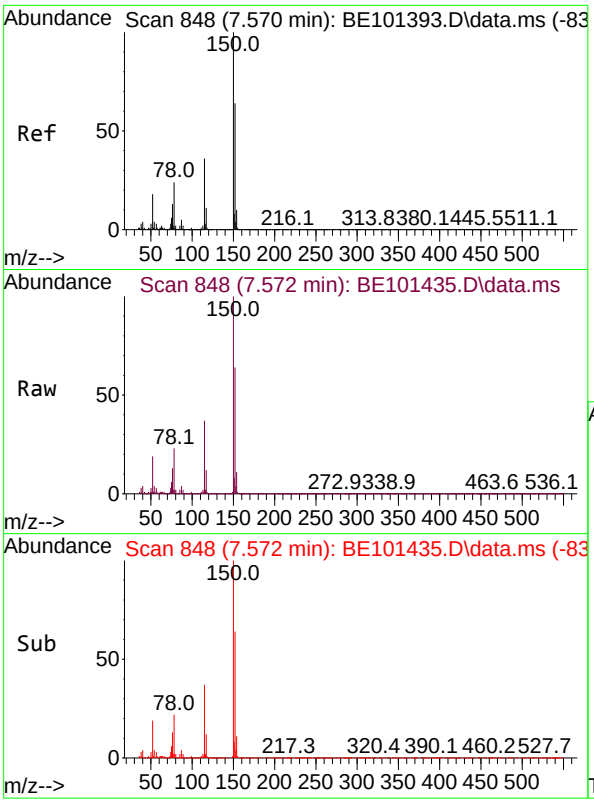
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE103124\
Data File : BE101435.D
Acq On : 31 Oct 2024 16:25
Operator : RC/JU
Sample : P4640-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
MH-3

Quant Time: Nov 01 06:14:08 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



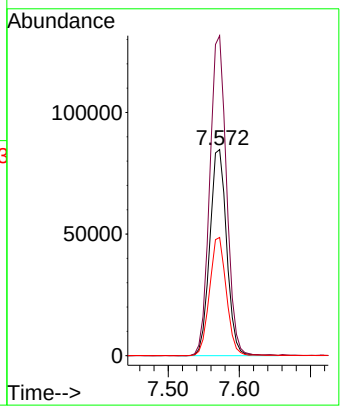


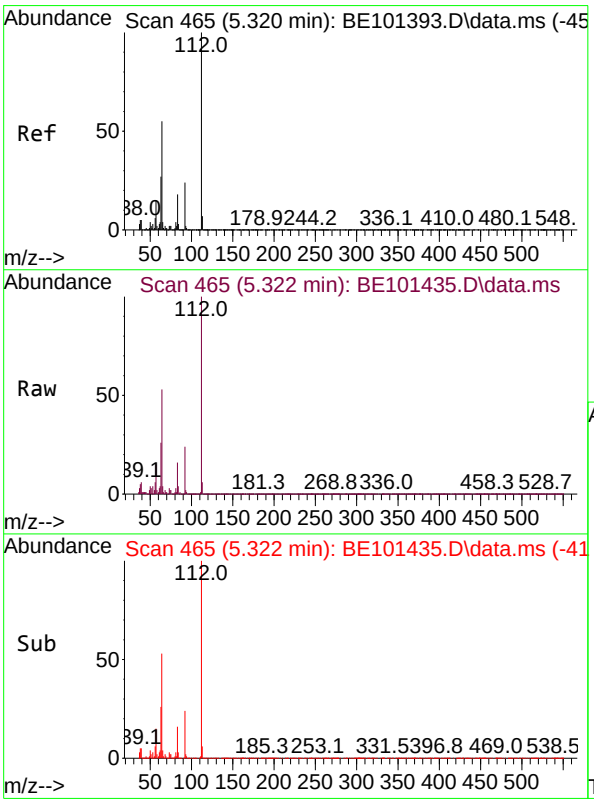
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.572 min Scan# 84
Delta R.T. 0.002 min
Lab File: BE101435.D
Acq: 31 Oct 2024 16:25

Instrument :
BNA_E
ClientSampleId :
MH-3

Tgt Ion:152 Resp: 139764

Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.2	186.4
115	57.4	45.3	67.9

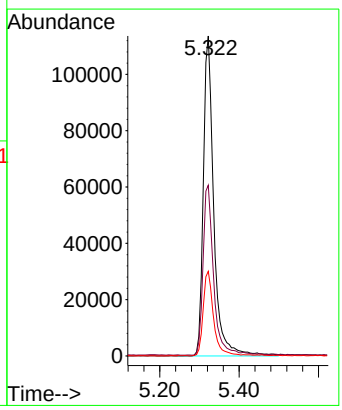


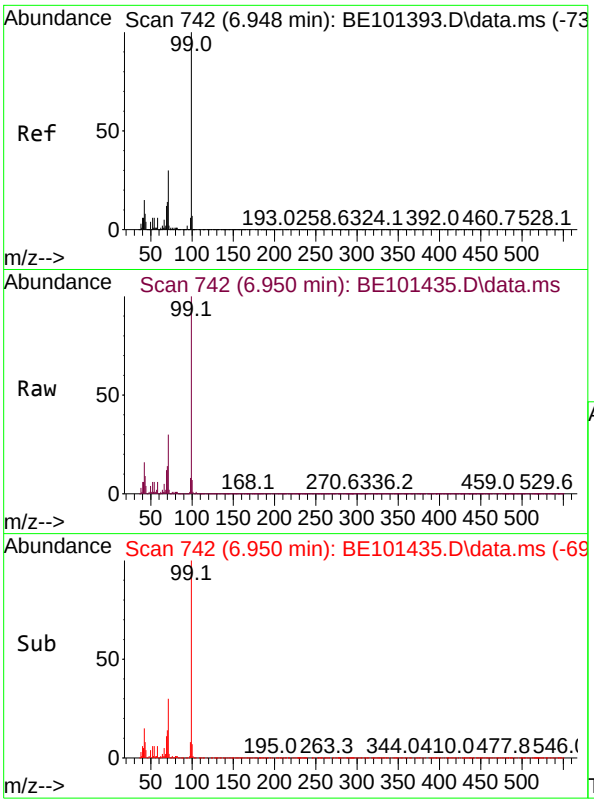


#5
2-Fluorophenol
Concen: 26.122 ng
RT: 5.322 min Scan# 465
Delta R.T. 0.002 min
Lab File: BE101435.D
Acq: 31 Oct 2024 16:25

Tgt Ion:112 Resp: 208306

Ion	Ratio	Lower	Upper
112	100		
64	53.3	43.7	65.5
63	26.5	21.4	32.2



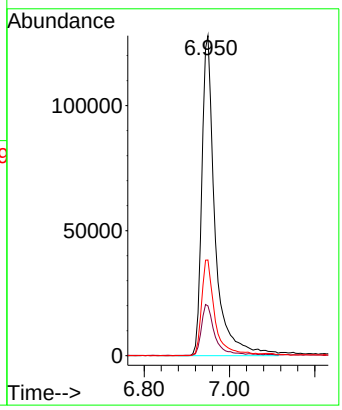


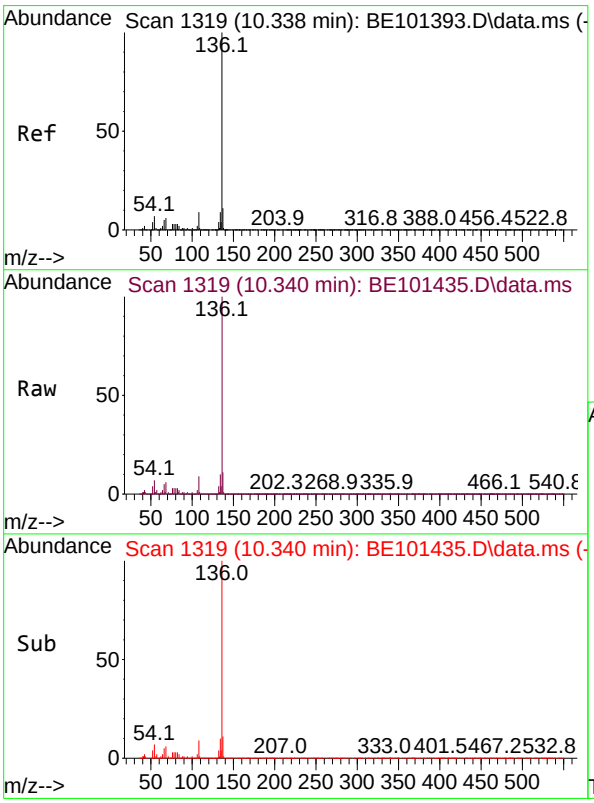
#7
Phenol-d6
Concen: 24.952 ng
RT: 6.950 min Scan# 74
Delta R.T. 0.002 min
Lab File: BE101435.D
Acq: 31 Oct 2024 16:25

Instrument :
BNA_E
ClientSampleId :
MH-3

Tgt Ion: 99 Resp: 275901

Ion	Ratio	Lower	Upper
99	100		
42	15.6	12.3	18.5
71	29.9	23.8	35.8

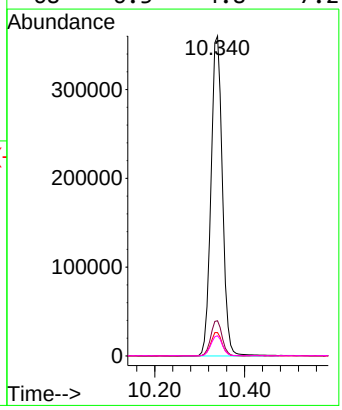


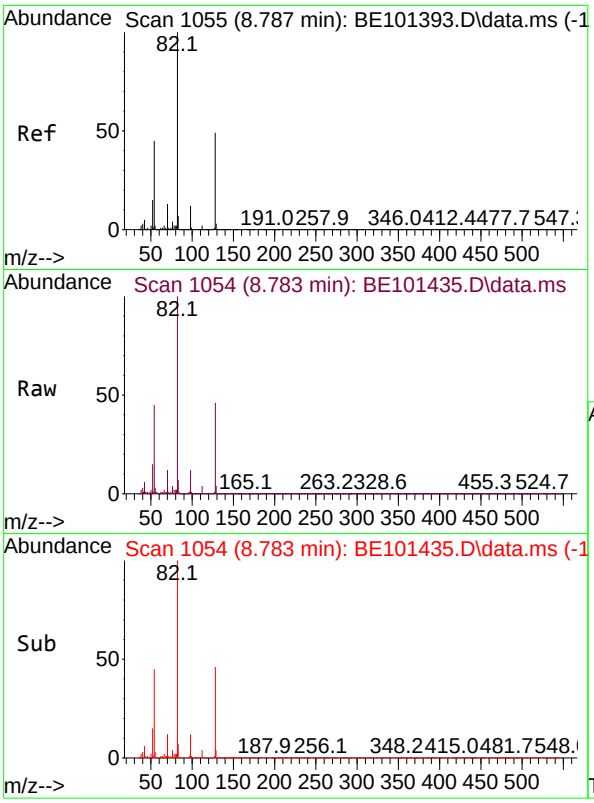


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.340 min Scan# 1319
Delta R.T. 0.002 min
Lab File: BE101435.D
Acq: 31 Oct 2024 16:25

Tgt Ion:136 Resp: 634352

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	7.3	5.9	8.9
68	6.3	4.8	7.2



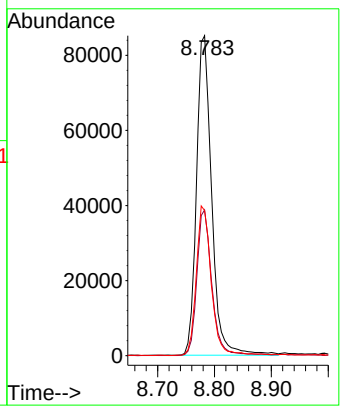


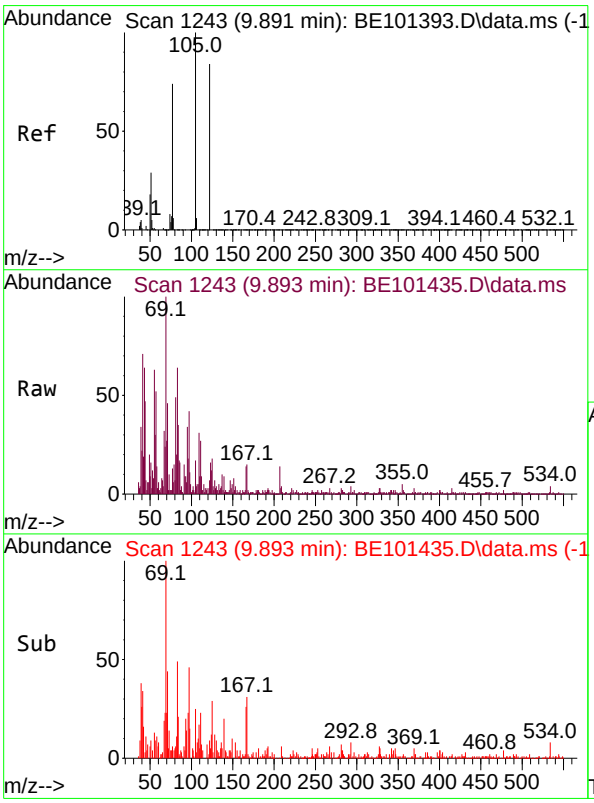
#23
Nitrobenzene-d5
Concen: 15.677 ng
RT: 8.783 min Scan# 1
Delta R.T. -0.004 min
Lab File: BE101435.D
Acq: 31 Oct 2024 16:25

Instrument :
BNA_E
ClientSampleId :
MH-3

Tgt Ion: 82 Resp: 158328

Ion	Ratio	Lower	Upper
82	100		
128	45.5	38.9	58.3
54	45.3	36.2	54.4

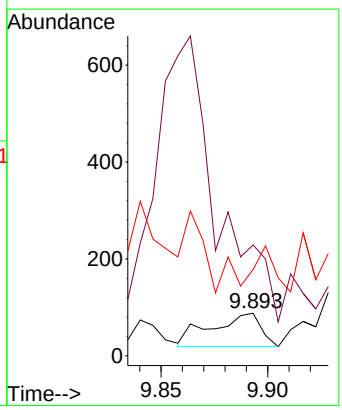


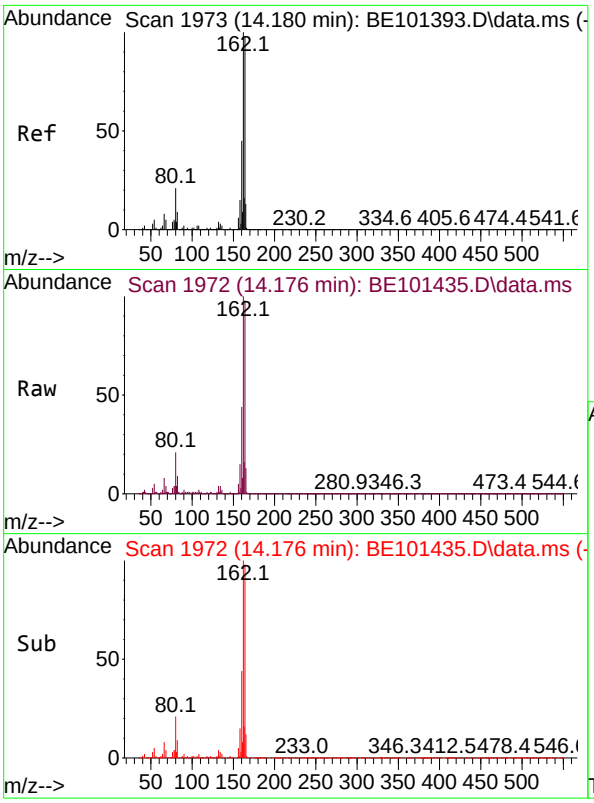


#32
Benzoic acid
Concen: 8.229 ng
RT: 9.893 min Scan# 1243
Delta R.T. 0.002 min
Lab File: BE101435.D
Acq: 31 Oct 2024 16:25

Tgt Ion:122 Resp: 112

Ion	Ratio	Lower	Upper
122	100		
105	260.2	97.9	137.9#
77	202.3	68.1	108.1#



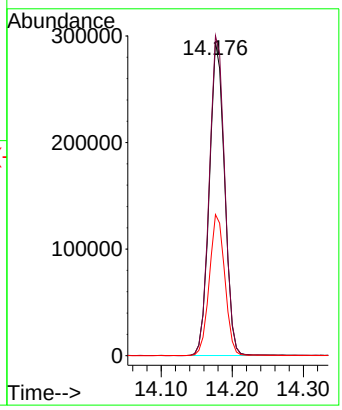


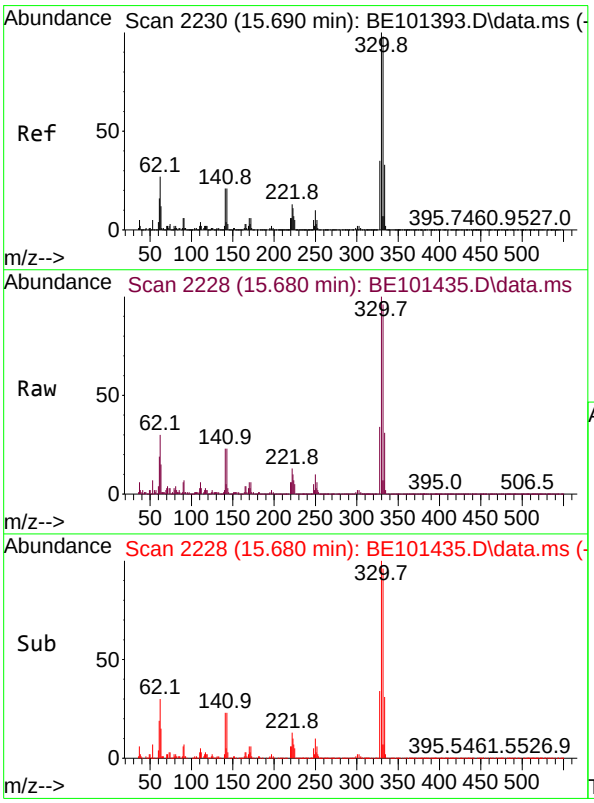
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.176 min Scan# 1
Delta R.T. -0.004 min
Lab File: BE101435.D
Acq: 31 Oct 2024 16:25

Instrument :
BNA_E
ClientSampleId :
MH-3

Tgt Ion:164 Resp: 439064

Ion	Ratio	Lower	Upper
164	100		
162	101.9	81.3	121.9
160	44.9	36.4	54.6

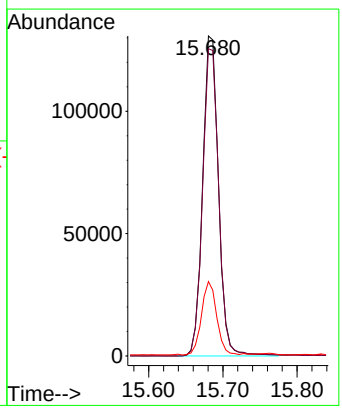


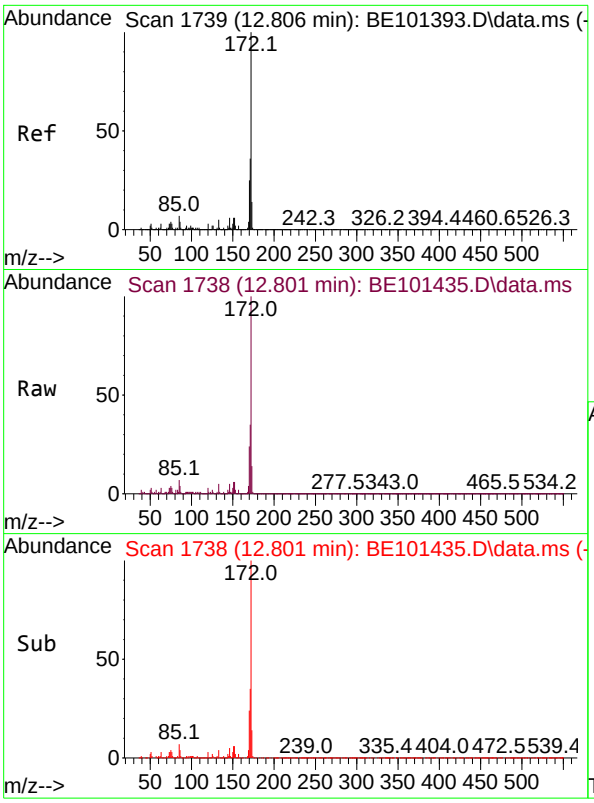


#42
2,4,6-Tribromophenol
Concen: 25.258 ng
RT: 15.680 min Scan# 2228
Delta R.T. -0.010 min
Lab File: BE101435.D
Acq: 31 Oct 2024 16:25

Tgt Ion:330 Resp: 194366

Ion	Ratio	Lower	Upper
330	100		
332	97.8	78.2	117.2
141	22.0	18.3	27.5



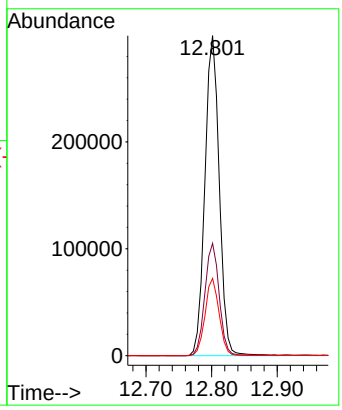


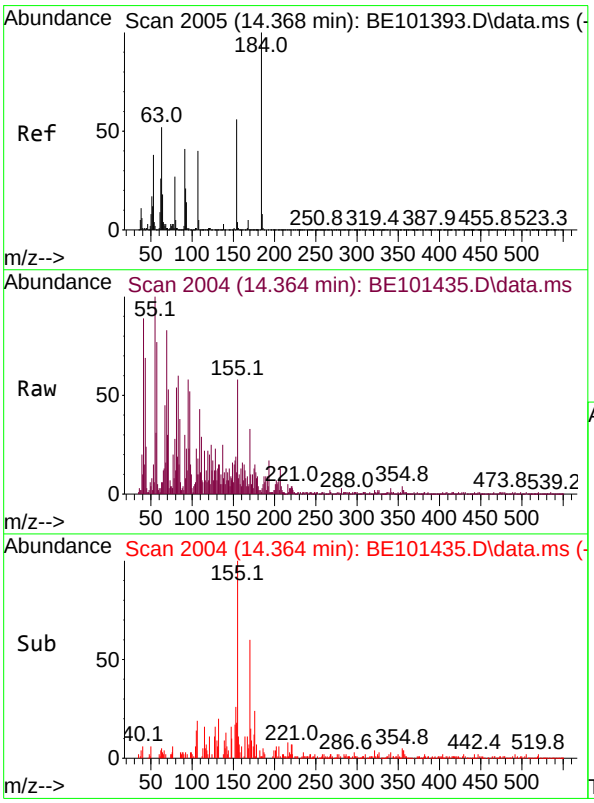
#45
2-Fluorobiphenyl
Concen: 17.579 ng
RT: 12.801 min Scan# 1
Delta R.T. -0.004 min
Lab File: BE101435.D
Acq: 31 Oct 2024 16:25

Instrument :
BNA_E
ClientSampleId :
MH-3

Tgt Ion:172 Resp: 455748

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.2	43.8
170	24.2	19.8	29.6

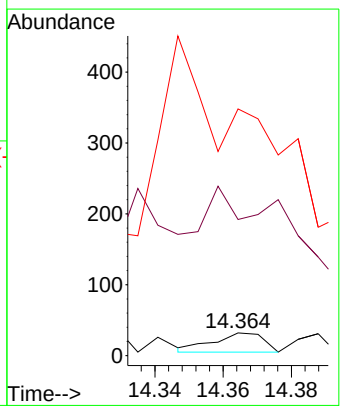


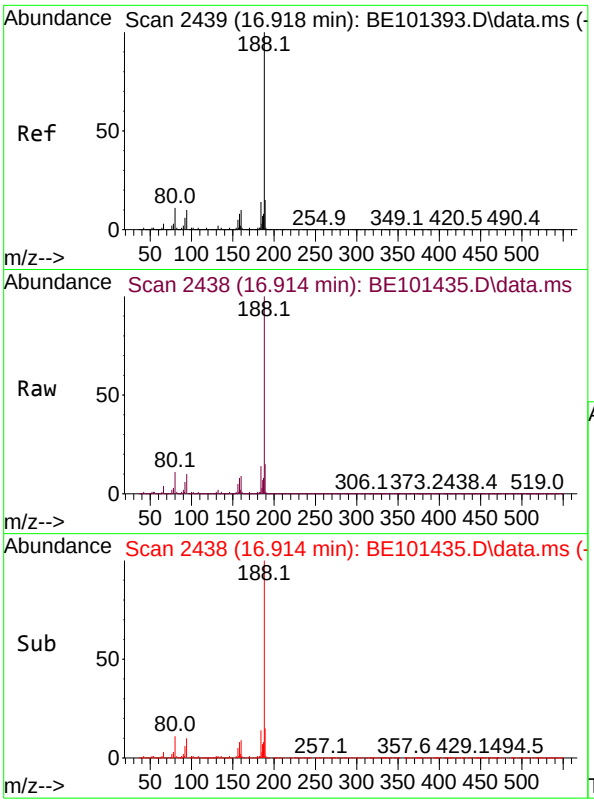


#54
2,4-Dinitrophenol
Concen: 5.622 ng
RT: 14.364 min Scan# 2004
Delta R.T. -0.004 min
Lab File: BE101435.D
Acq: 31 Oct 2024 16:25

Tgt Ion:184 Resp: 28

Ion	Ratio	Lower	Upper
184	100		
63	600.0	41.8	62.6#
154	1087.5	44.9	67.3#



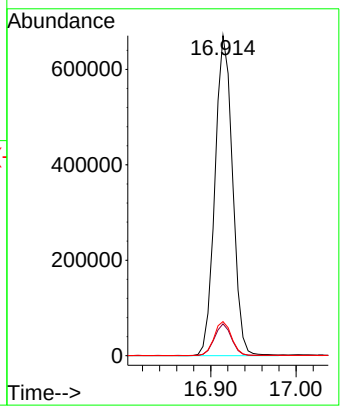


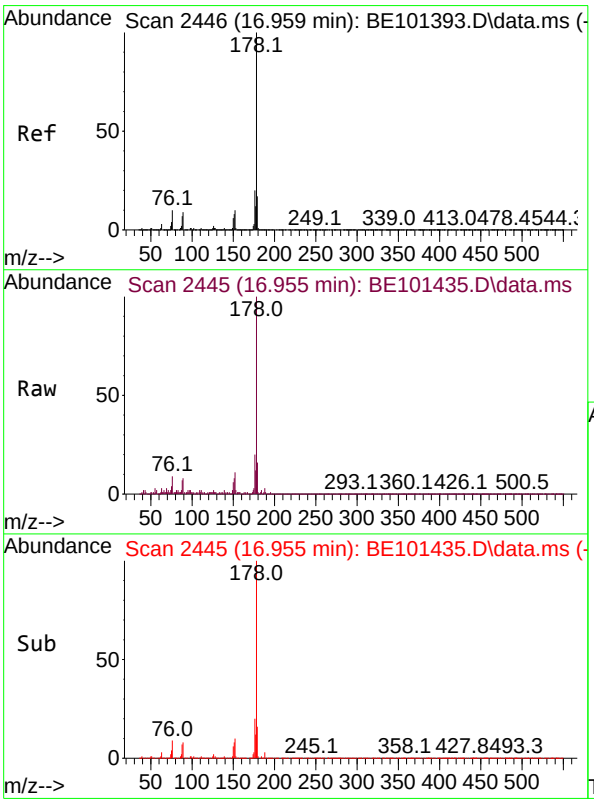
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.914 min Scan# 24
Delta R.T. -0.004 min
Lab File: BE101435.D
Acq: 31 Oct 2024 16:25

Instrument :
BNA_E
ClientSampleId :
MH-3

Tgt Ion:188 Resp: 961666

Ion	Ratio	Lower	Upper
188	100		
94	10.0	7.8	11.8
80	10.6	8.6	12.8

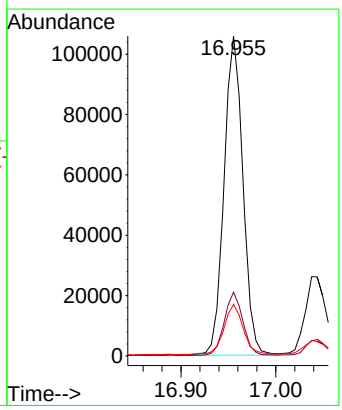


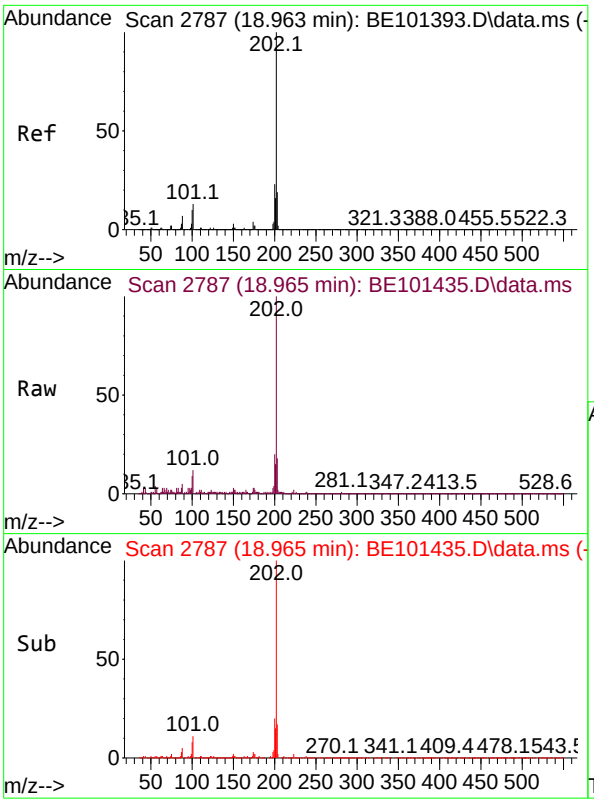


#71
Phenanthrene
Concen: 3.188 ng
RT: 16.955 min Scan# 2445
Delta R.T. -0.004 min
Lab File: BE101435.D
Acq: 31 Oct 2024 16:25

Tgt Ion:178 Resp: 146776

Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.4	24.6
179	16.2	13.2	19.8



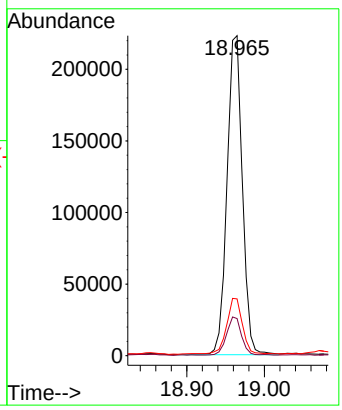


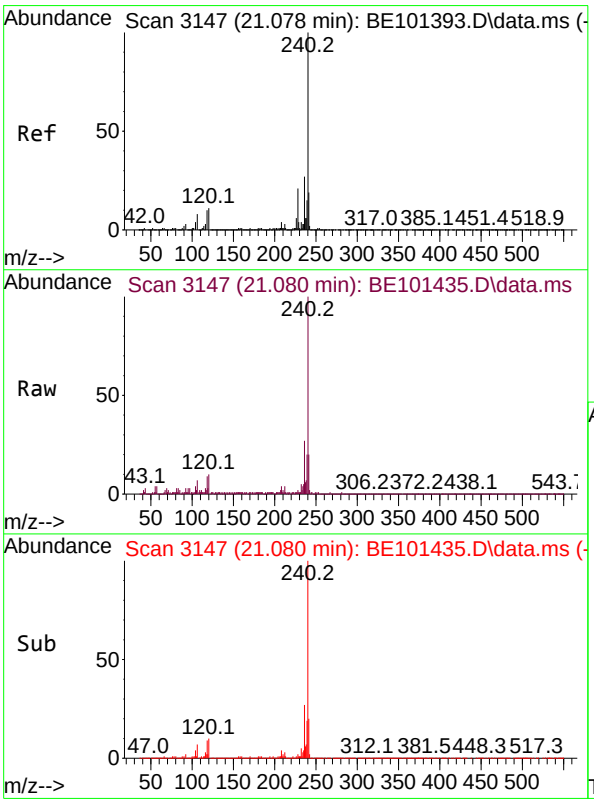
#75
Fluoranthene
Concen: 5.489 ng
RT: 18.965 min Scan# 2
Delta R.T. 0.002 min
Lab File: BE101435.D
Acq: 31 Oct 2024 16:25

Instrument :
BNA_E
ClientSampleId :
MH-3

Tgt Ion:202 Resp: 306936

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	33.3
203	17.7	0.0	39.3

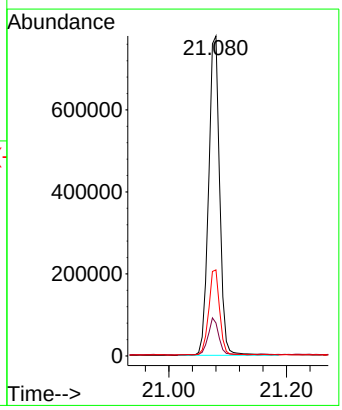


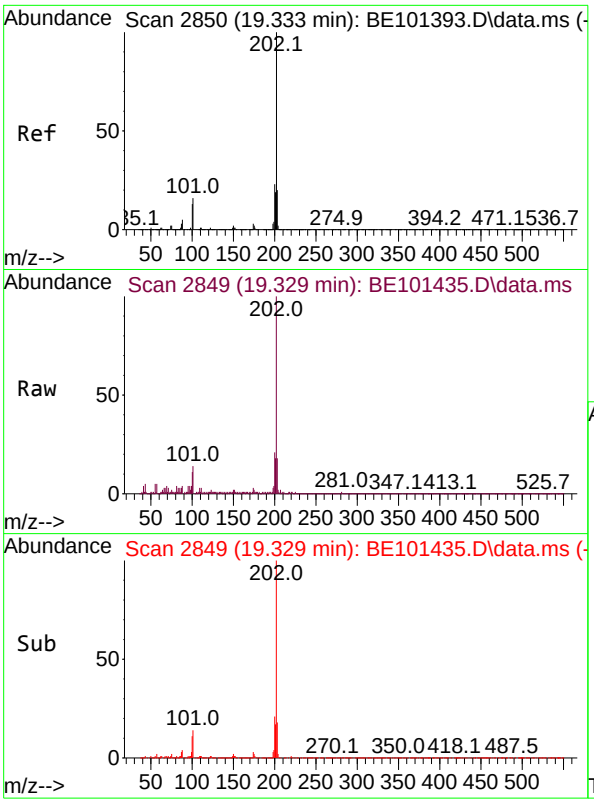


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.080 min Scan# 3147
Delta R.T. 0.002 min
Lab File: BE101435.D
Acq: 31 Oct 2024 16:25

Tgt Ion:240 Resp: 1016222

Ion	Ratio	Lower	Upper
240	100		
120	10.3	9.0	13.4
236	26.9	21.4	32.0



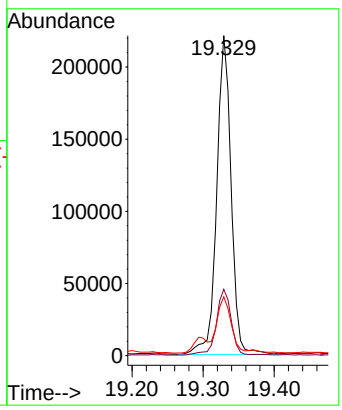


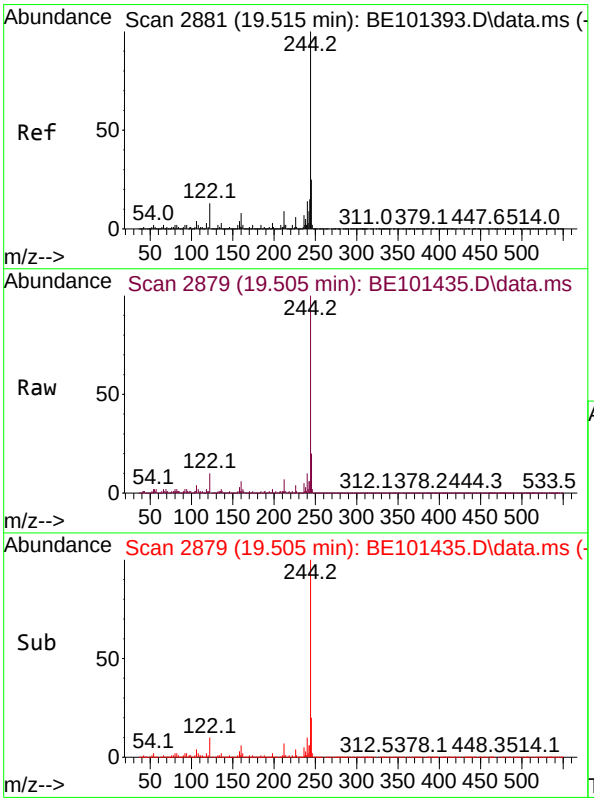
#78
Pyrene
Concen: 5.555 ng
RT: 19.329 min Scan# 2
Delta R.T. -0.004 min
Lab File: BE101435.D
Acq: 31 Oct 2024 16:25

Instrument :
BNA_E
ClientSampleId :
MH-3

Tgt Ion:202 Resp: 310459

Ion	Ratio	Lower	Upper
202	100		
200	20.8	18.6	28.0
203	18.4	15.6	23.4

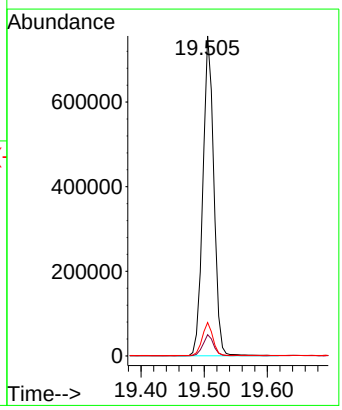


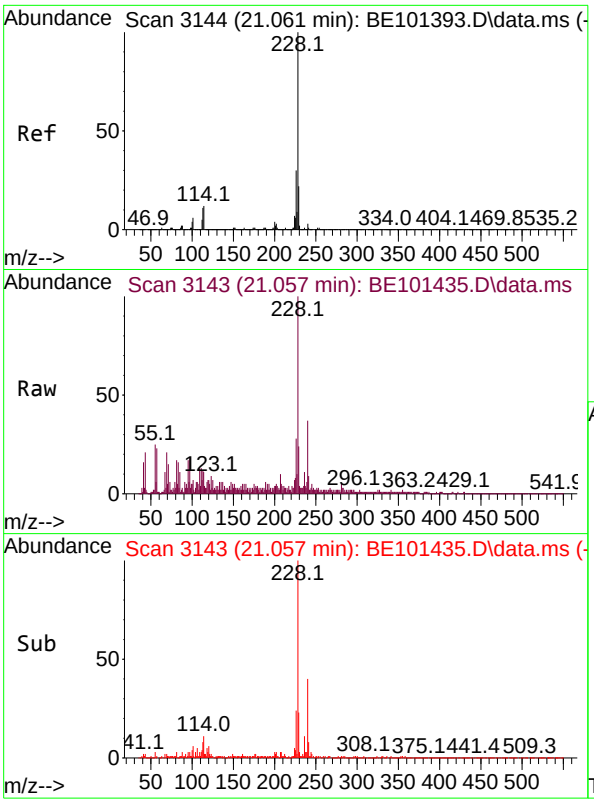


#79
Terphenyl-d14
Concen: 20.752 ng
RT: 19.505 min Scan# 2879
Delta R.T. -0.010 min
Lab File: BE101435.D
Acq: 31 Oct 2024 16:25

Tgt Ion:244 Resp: 916274

Ion	Ratio	Lower	Upper
244	100		
212	6.6	7.2	10.8#
122	10.5	10.4	15.6



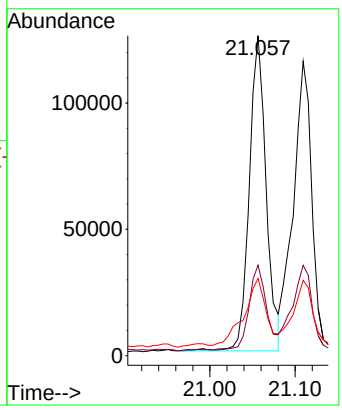


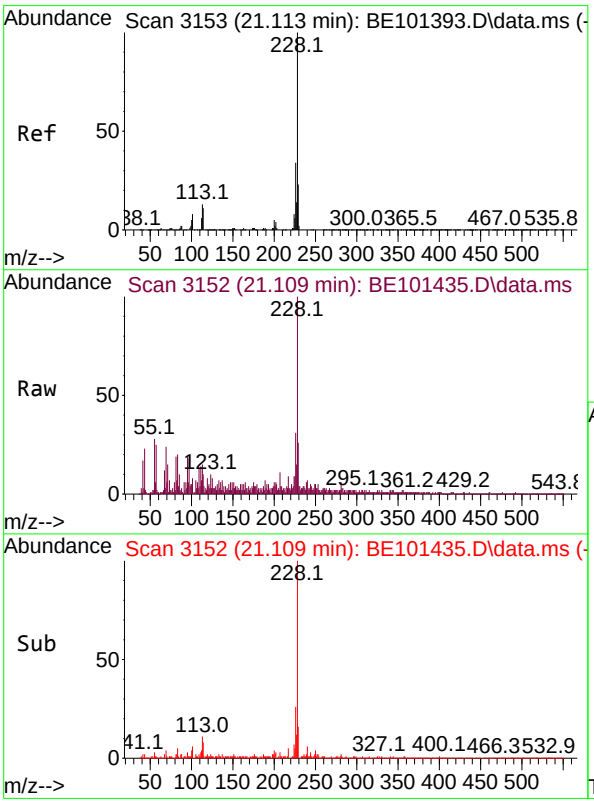
#81
Benzo(a)anthracene
Concen: 2.991 ng
RT: 21.057 min Scan# 3
Delta R.T. -0.004 min
Lab File: BE101435.D
Acq: 31 Oct 2024 16:25

Instrument :
BNA_E
ClientSampleId :
MH-3

Tgt Ion:228 Resp: 170857

Ion	Ratio	Lower	Upper
228	100		
226	28.3	24.1	36.1
229	24.1	17.3	25.9

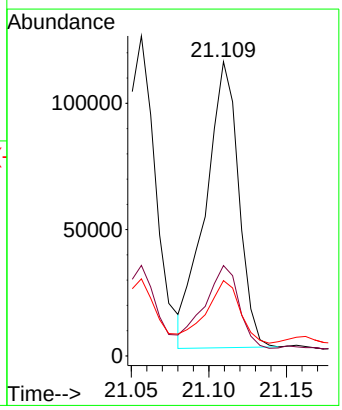


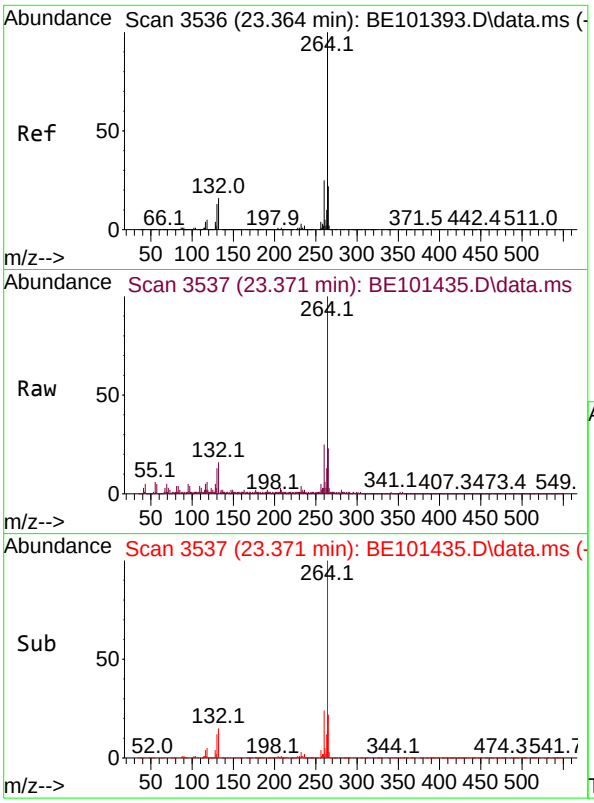


#83
Chrysene
Concen: 3.052 ng
RT: 21.109 min Scan# 3152
Delta R.T. -0.004 min
Lab File: BE101435.D
Acq: 31 Oct 2024 16:25

Tgt Ion:228 Resp: 168573

Ion	Ratio	Lower	Upper
228	100		
226	30.7	27.2	40.8
229	25.6	18.0	27.0



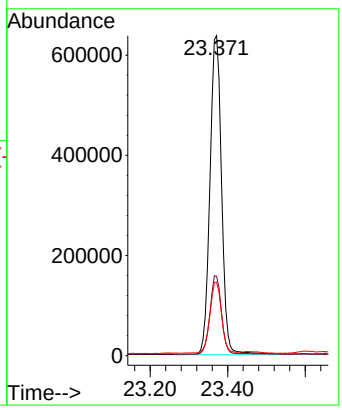


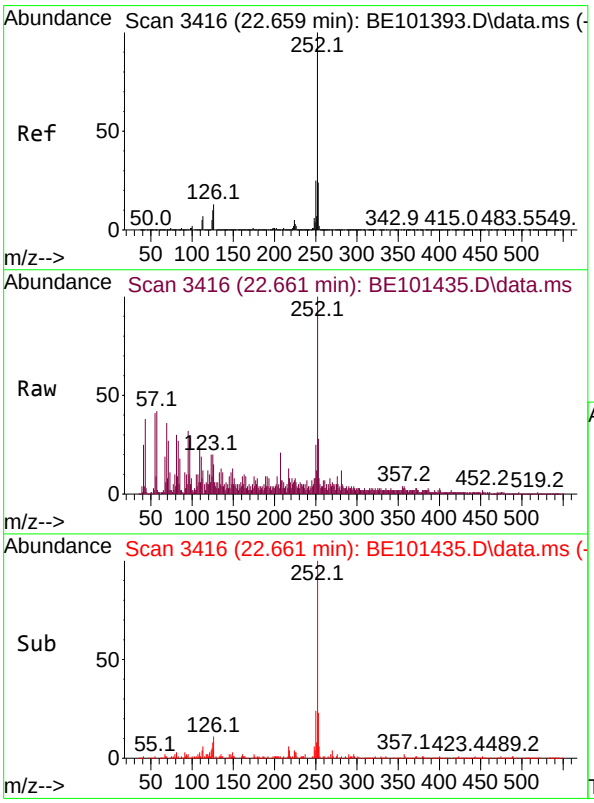
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.371 min Scan# 3
Delta R.T. 0.008 min
Lab File: BE101435.D
Acq: 31 Oct 2024 16:25

Instrument :
BNA_E
ClientSampleId :
MH-3

Tgt Ion:264 Resp: 1327340

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.8	29.8
265	23.0	17.6	26.4

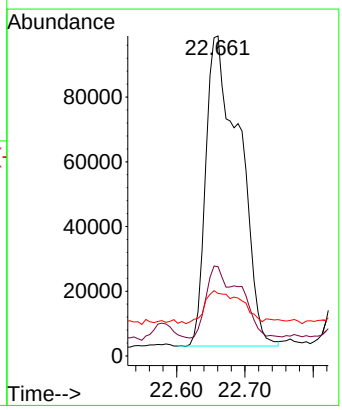


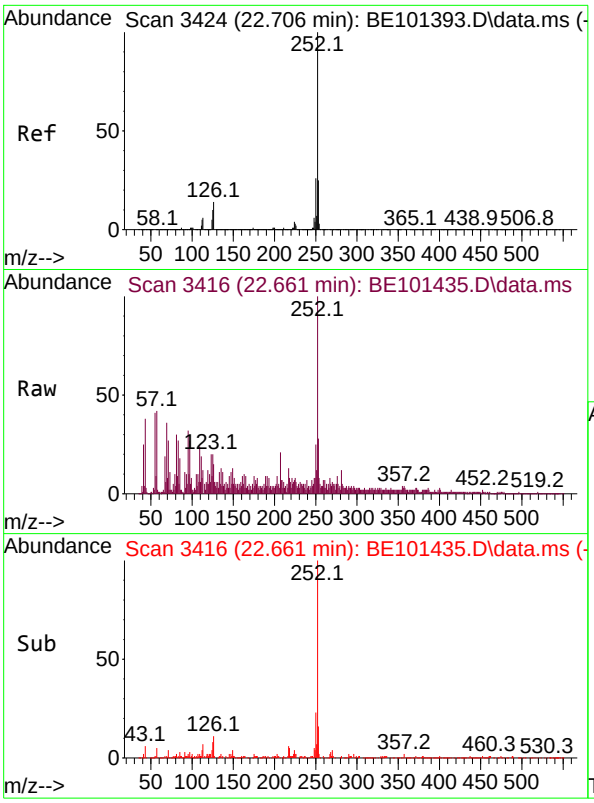


#88
Benzo(b)fluoranthene
Concen: 4.754 ng
RT: 22.661 min Scan# 3416
Delta R.T. 0.002 min
Lab File: BE101435.D
Acq: 31 Oct 2024 16:25

Tgt Ion:252 Resp: 328880

Ion	Ratio	Lower	Upper
252	100		
253	27.9	19.0	28.6
125	19.6	8.2	12.2#



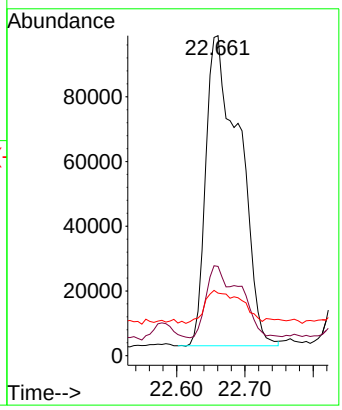


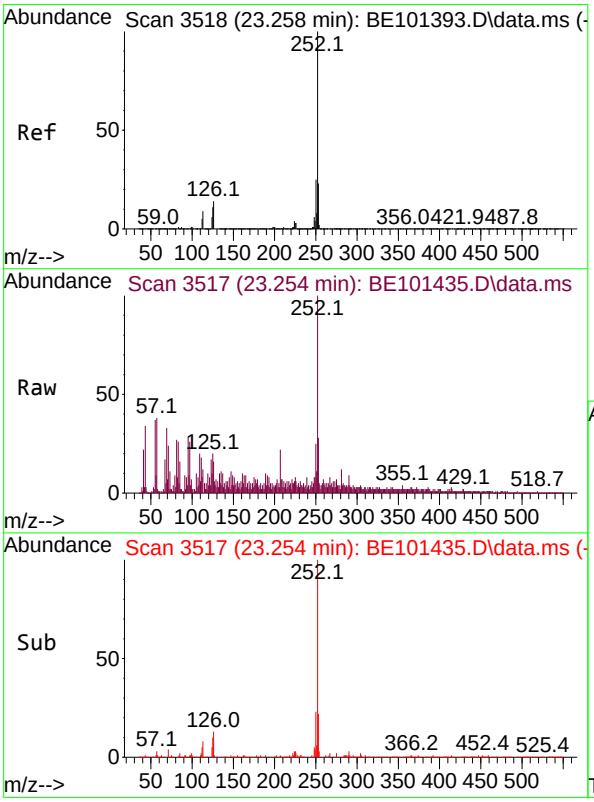
#89
Benzo(k)fluoranthene
Concen: 5.089 ng
RT: 22.661 min Scan# 34
Delta R.T. -0.045 min
Lab File: BE101435.D
Acq: 31 Oct 2024 16:25

Instrument :
BNA_E
ClientSampleId :
MH-3

Tgt Ion:252 Resp: 328880

Ion	Ratio	Lower	Upper
252	100		
253	27.9	19.4	29.2
125	19.6	8.2	12.2#





#90
Benzo(a)pyrene
Concen: 2.990 ng
RT: 23.254 min Scan# 3517
Delta R.T. -0.004 min
Lab File: BE101435.D
Acq: 31 Oct 2024 16:25

Tgt Ion:252 Resp: 180907

Ion	Ratio	Lower	Upper
252	100		
253	27.8	18.4	27.6#
125	20.3	9.0	13.6#