Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082824\
Data File : BM047377.D
Acq On : 28 Aug 2024 12:22
Operator : RC/JU
Sample : P3739-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-2

Quant Time: Aug 28 13:10:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 26 18:11:40 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.345	152	264640	20.000	ng	0.00
21) Naphthalene-d8	10.104	136	1013375	20.000	ng	0.00
39) Acenaphthene-d10	14.010	164	694984	20.000	ng	0.00
64) Phenanthrene-d10	16.774	188	1492832	20.000	ng	0.00
76) Chrysene-d12	21.021	240	1302889	20.000	ng	0.00
86) Perylene-d12	23.721	264	1284049	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.010	112	1865140	135.217	ng	0.00
7) Phenol-d6	6.575	99	2534637	134.888	ng	0.00
23) Nitrobenzene-d5	8.498	82	1581958	86.618	ng	0.00
42) 2,4,6-Tribromophenol	15.527	330	1206165	143.850	ng	0.00
45) 2-Fluorobiphenyl	12.616	172	3549488	78.474	ng	0.00
79) Terphenyl-d14	19.445	244	5360129	73.228	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.252	42	14491	2.271	ng	# 1
9) Benzaldehyde	6.522	77	2936	Below Cal		# 77
71) Phenanthrene	16.815	178	312876	4.316	ng	99
75) Fluoranthene	18.856	202	701306	8.238	ng	99
78) Pyrene	19.221	202	588832	5.893	ng	99
81) Benzo(a)anthracene	21.003	228	452005	5.320	ng	98
83) Chrysene	21.062	228	474672	5.939	ng	98
87) Indeno(1,2,3-cd)pyrene	26.721	276	210792	2.622	ng	98
88) Benzo(b)fluoranthene	22.880	252	476989	6.367	ng	99
89) Benzo(k)fluoranthene	22.880	252	476989	6.717	ng	99
90) Benzo(a)pyrene	23.597	252	301863	4.659	ng	98
92) Benzo(g,h,i)perylene	27.650	276	184218	2.721	ng	98

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

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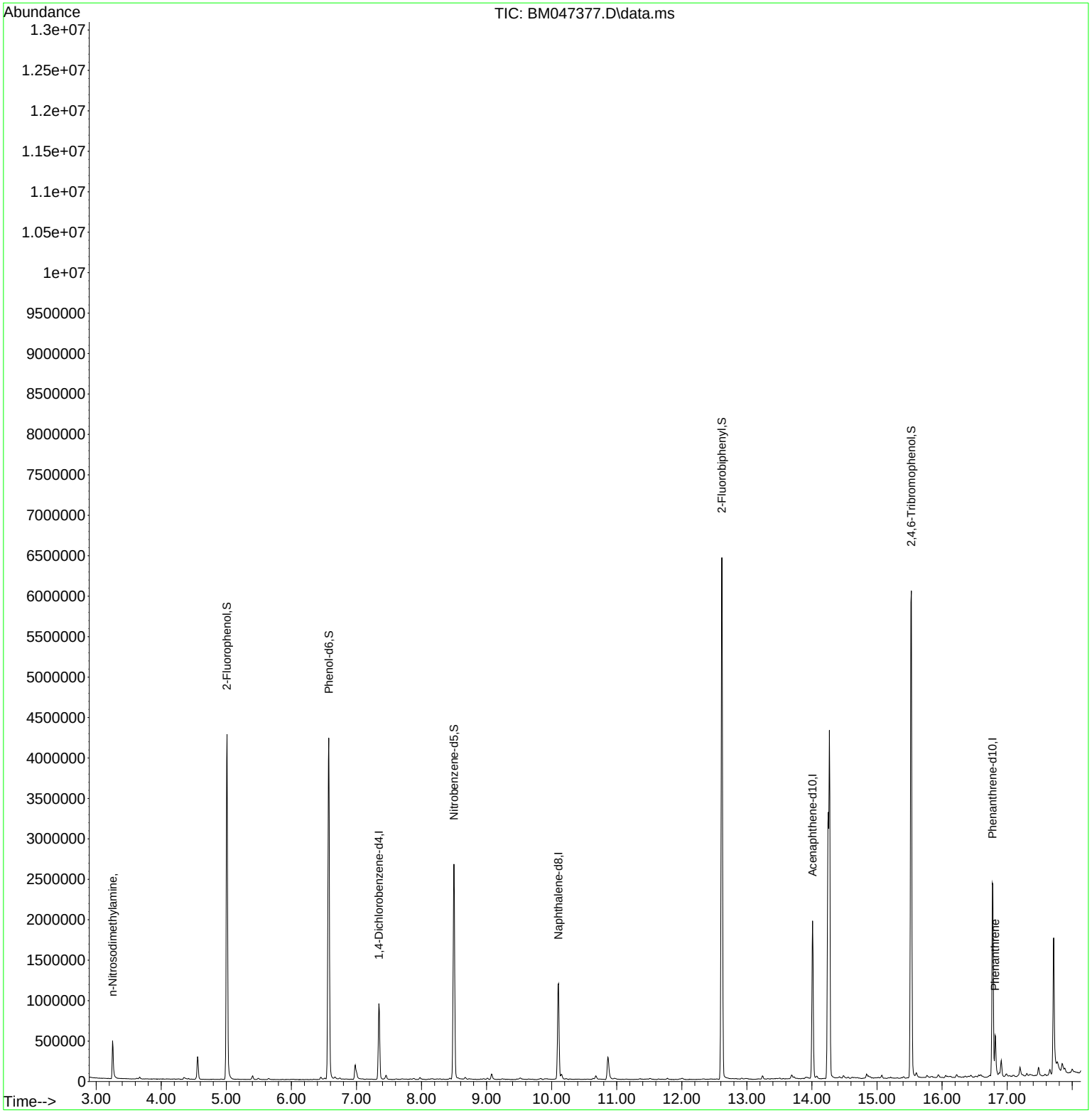
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 26 18:11:40 2024
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082824\
Data File : BM047377.D
Acq On : 28 Aug 2024 12:22
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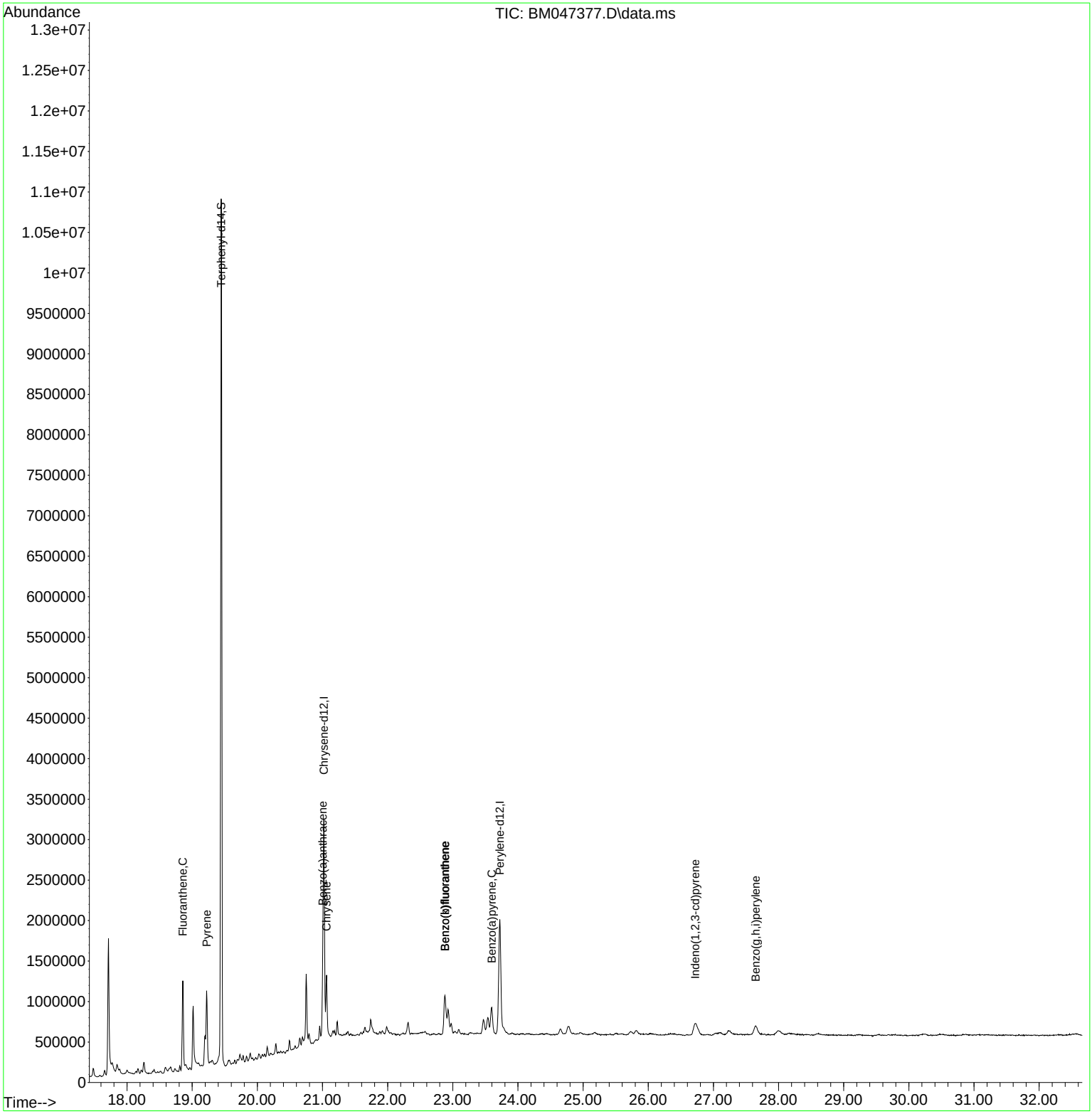
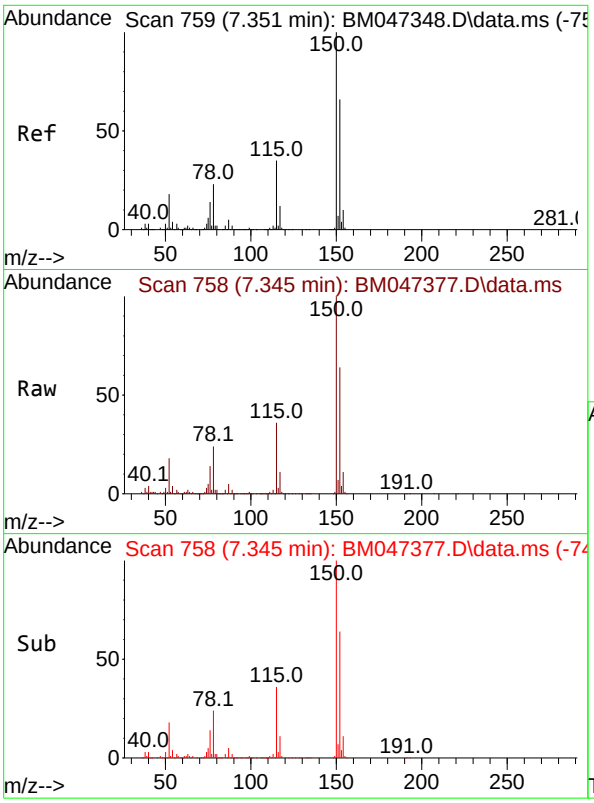


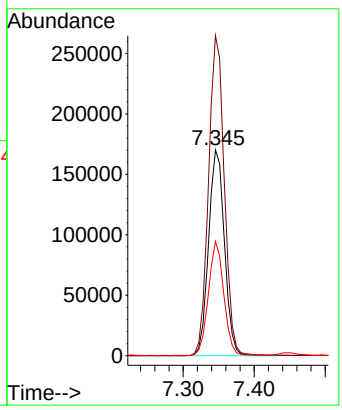


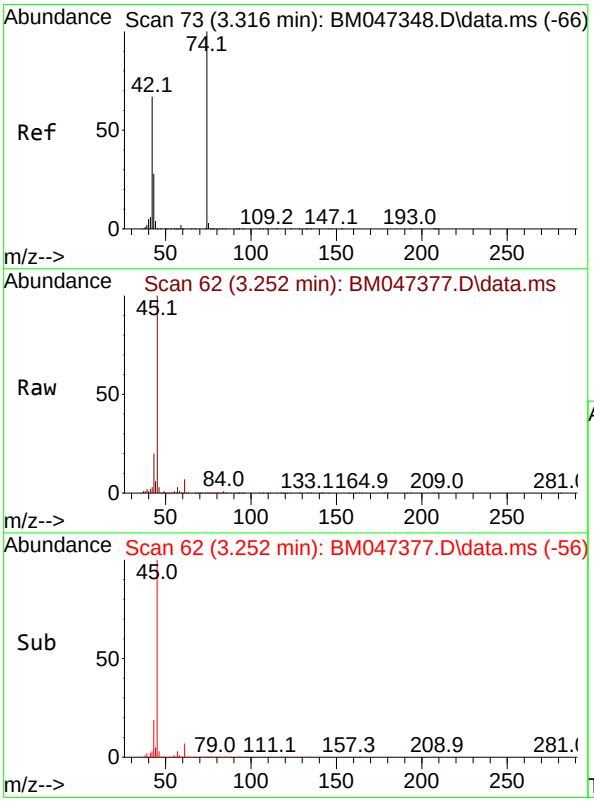
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.345 min Scan# 7
Delta R.T. -0.006 min
Lab File: BM047377.D
Acq: 28 Aug 2024 12:22

Instrument :
BNA_M
ClientSampleId :
WC-2

Tgt Ion:152 Resp: 264640

Ion	Ratio	Lower	Upper
152	100		
150	155.5	121.3	181.9
115	55.6	42.6	64.0

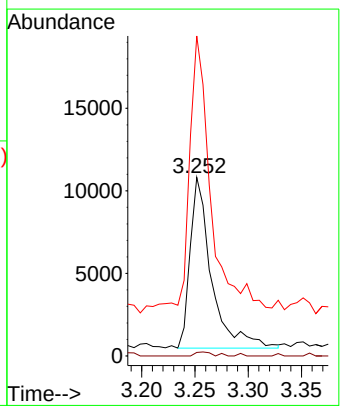


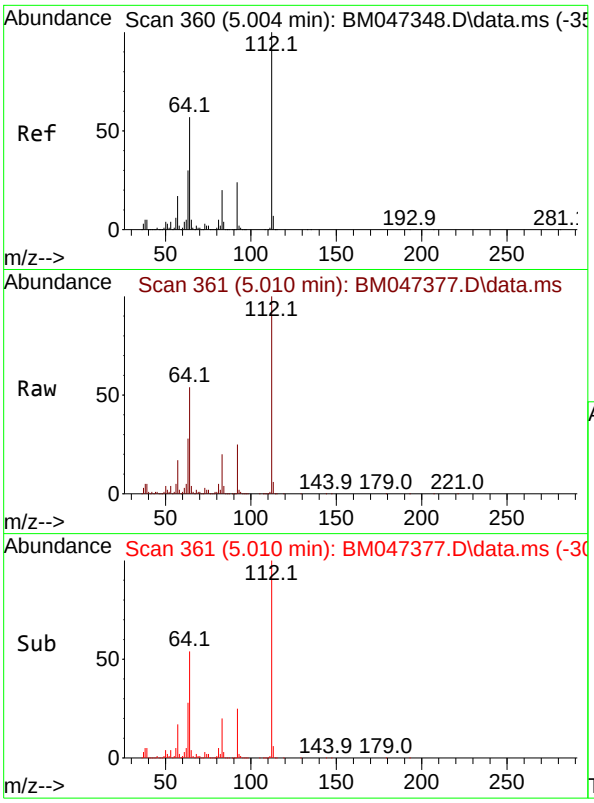


#4
n-Nitrosodimethylamine
Concen: 2.271 ng
RT: 3.252 min Scan# 62
Delta R.T. -0.065 min
Lab File: BM047377.D
Acq: 28 Aug 2024 12:22

Tgt Ion: 42 Resp: 14491

Ion	Ratio	Lower	Upper
42	100		
74	2.0	119.2	178.8#
44	179.2	5.2	7.8#



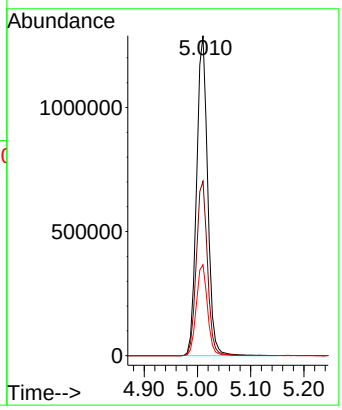


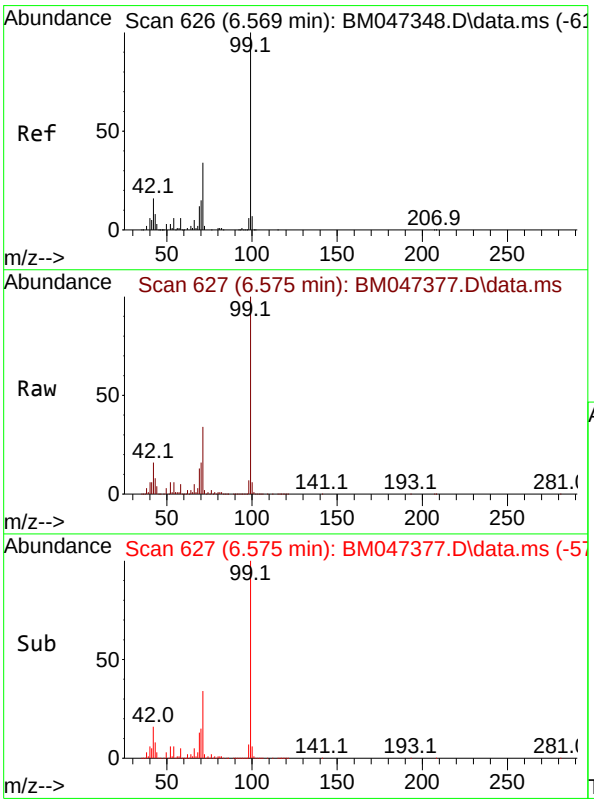
#5
2-Fluorophenol
Concen: 135.217 ng
RT: 5.010 min Scan# 3(
Delta R.T. 0.006 min
Lab File: BM047377.D
Acq: 28 Aug 2024 12:22

Instrument :
BNA_M
ClientSampleId :
WC-2

Tgt Ion:112 Resp: 1865140

Ion	Ratio	Lower	Upper
112	100		
64	54.5	45.7	68.5
63	28.5	23.8	35.8

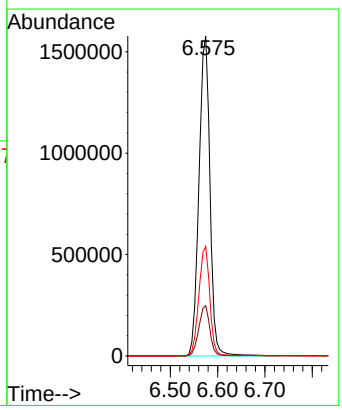


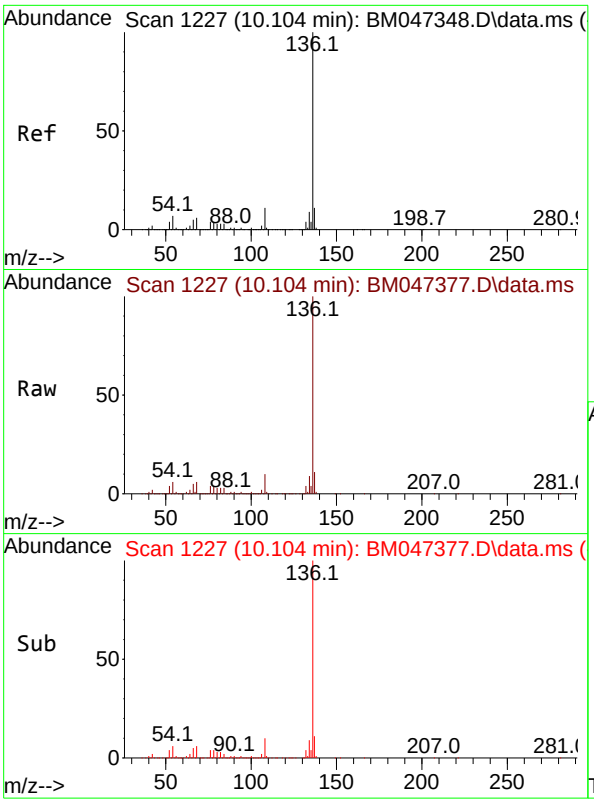


#7
Phenol-d6
Concen: 134.888 ng
RT: 6.575 min Scan# 627
Delta R.T. 0.006 min
Lab File: BM047377.D
Acq: 28 Aug 2024 12:22

Tgt Ion: 99 Resp: 2534637

Ion	Ratio	Lower	Upper
99	100		
42	15.7	13.0	19.4
71	34.3	27.5	41.3



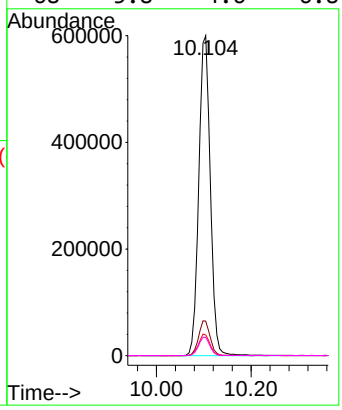


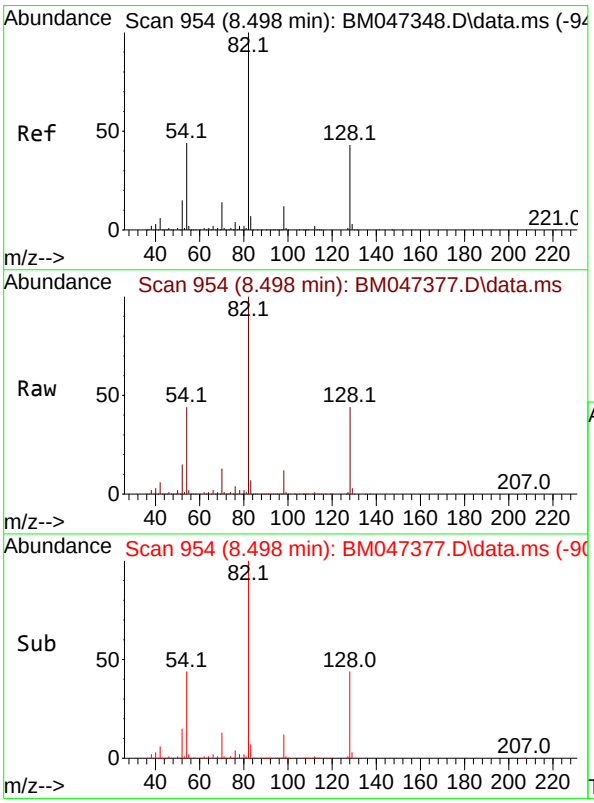
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.104 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047377.D
Acq: 28 Aug 2024 12:22

Instrument :
BNA_M
ClientSampleId :
WC-2

Tgt Ion:136 Resp: 1013375

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	6.5	5.2	7.8
68	5.8	4.6	6.8

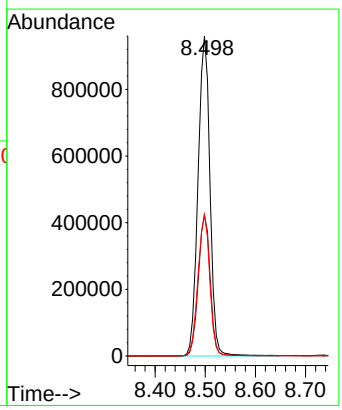


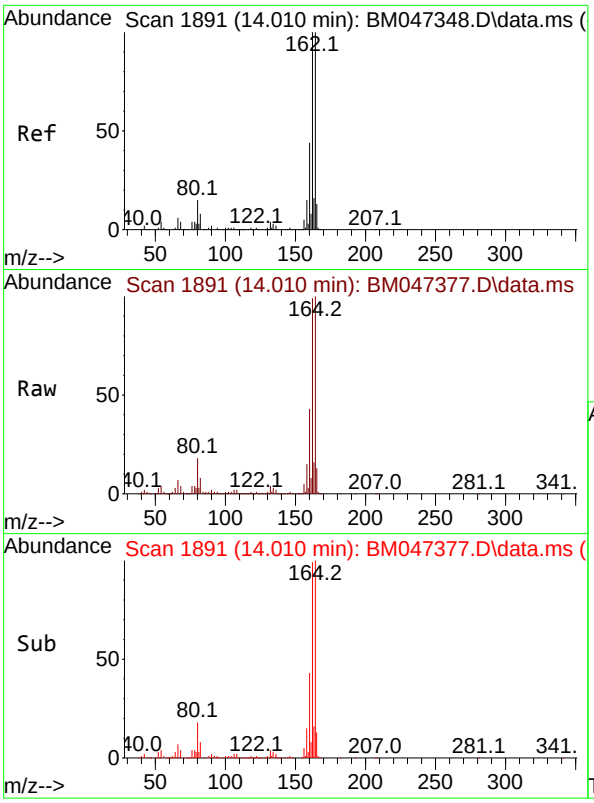


#23
Nitrobenzene-d5
Concen: 86.618 ng
RT: 8.498 min Scan# 954
Delta R.T. 0.000 min
Lab File: BM047377.D
Acq: 28 Aug 2024 12:22

Tgt Ion: 82 Resp: 1581958

Ion	Ratio	Lower	Upper
82	100		
128	44.1	34.6	51.8
54	44.1	35.5	53.3



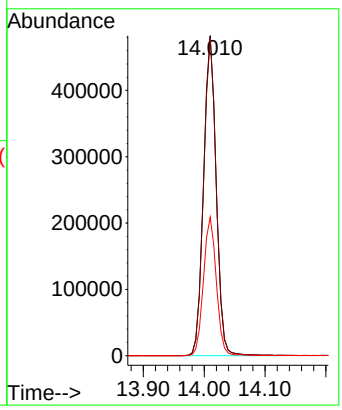


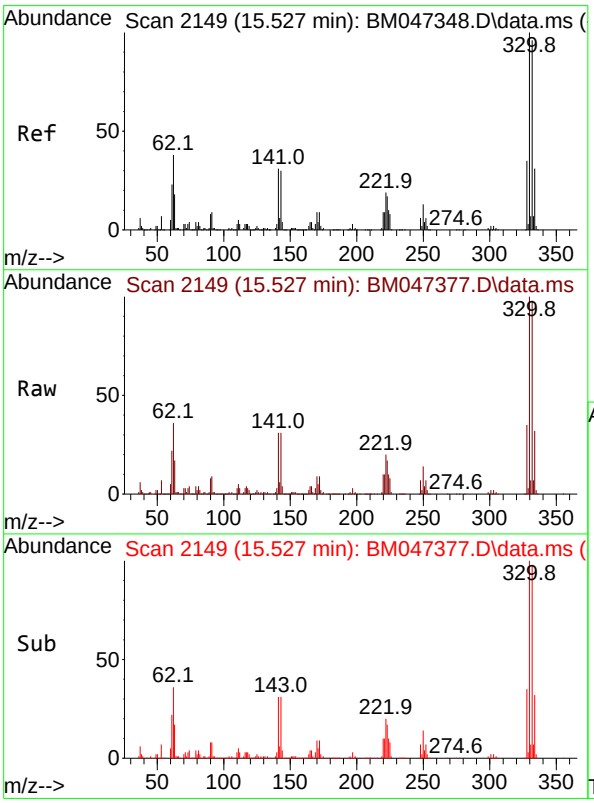
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.010 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM047377.D
Acq: 28 Aug 2024 12:22

Instrument :
BNA_M
ClientSampleId :
WC-2

Tgt Ion:164 Resp: 694984

Ion	Ratio	Lower	Upper
164	100		
162	99.4	79.7	119.5
160	43.3	34.9	52.3

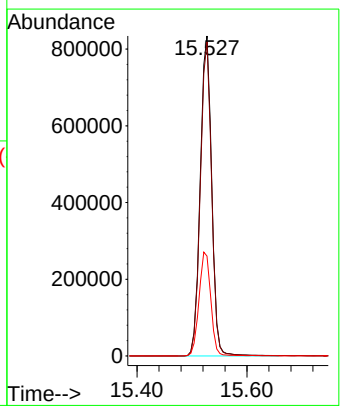


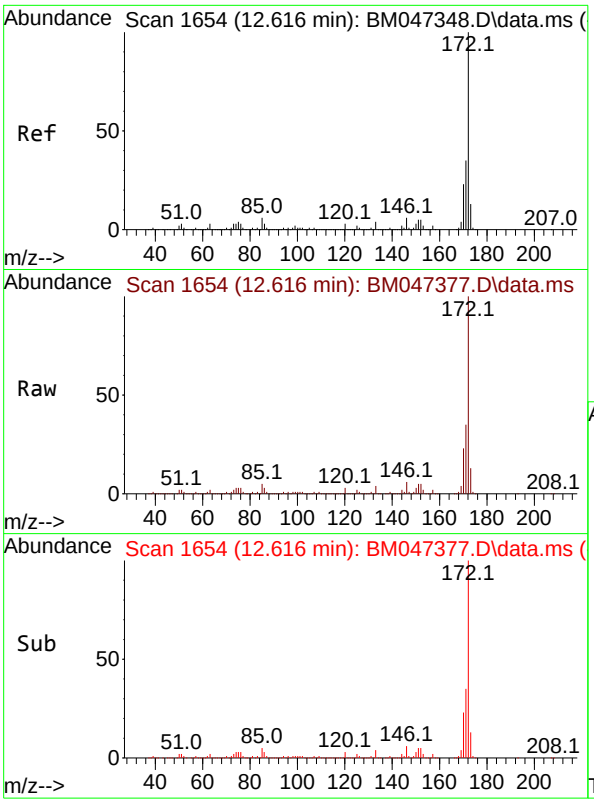


#42
2,4,6-Tribromophenol
Concen: 143.850 ng
RT: 15.527 min Scan# 2149
Delta R.T. 0.000 min
Lab File: BM047377.D
Acq: 28 Aug 2024 12:22

Tgt Ion:330 Resp: 1206165

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.2	115.8
141	33.3	27.6	41.4



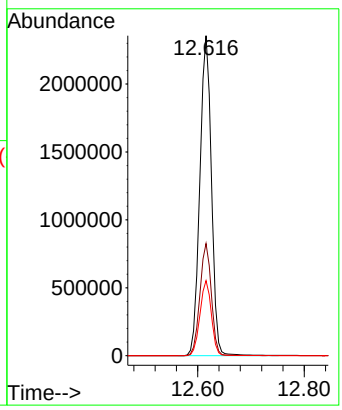


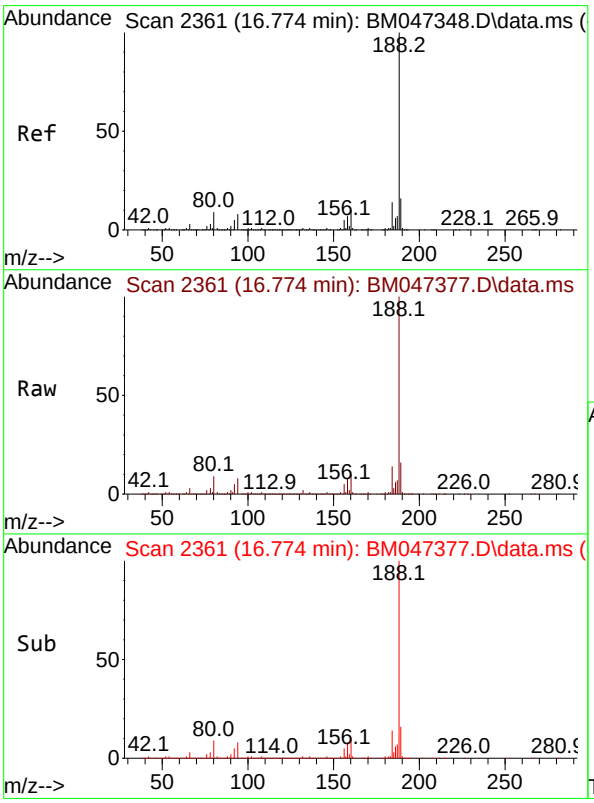
#45
2-Fluorobiphenyl
Concen: 78.474 ng
RT: 12.616 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047377.D
Acq: 28 Aug 2024 12:22

Instrument :
BNA_M
ClientSampleId :
WC-2

Tgt Ion:172 Resp: 3549488

Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.8	41.6
170	23.5	18.5	27.7

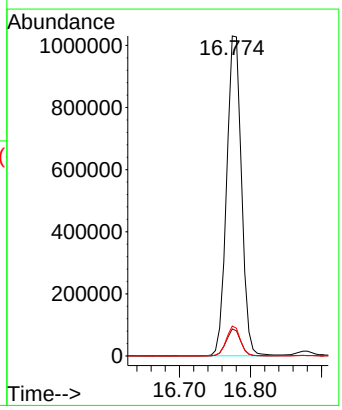


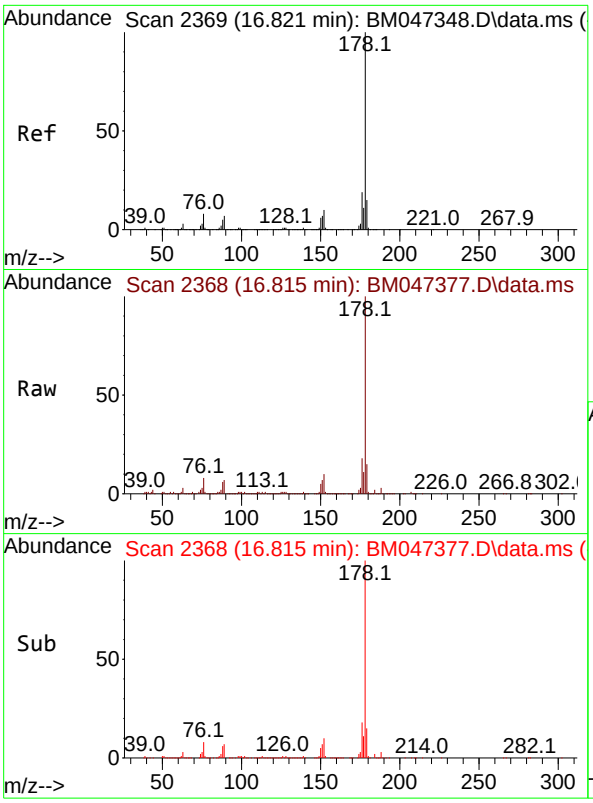


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.774 min Scan# 2361
Delta R.T. 0.000 min
Lab File: BM047377.D
Acq: 28 Aug 2024 12:22

Tgt Ion:188 Resp: 1492832

Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.4	9.6
80	9.4	7.4	11.2



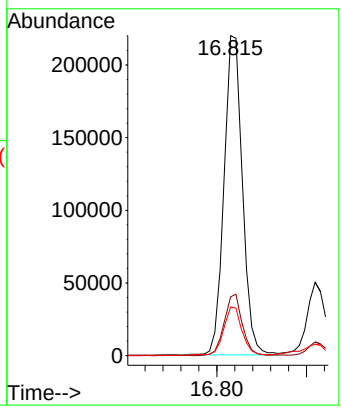


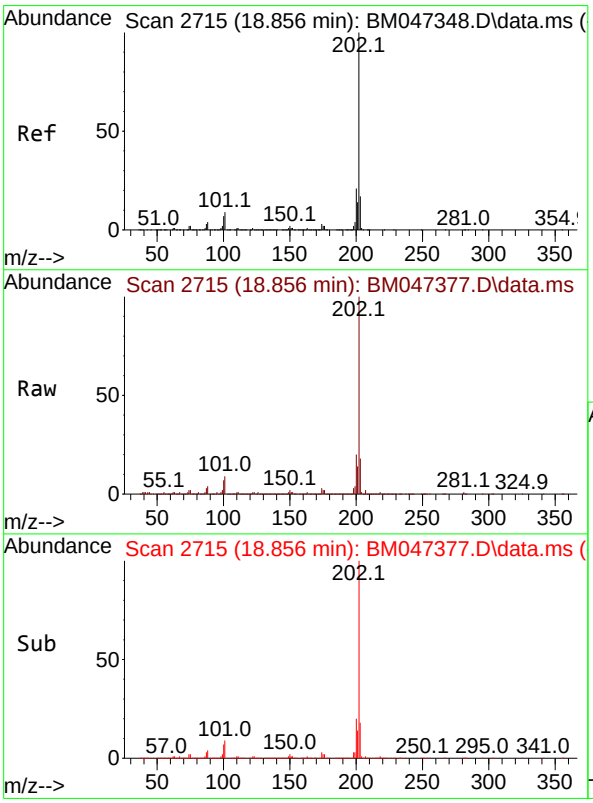
#71
Phenanthrene
Concen: 4.316 ng
RT: 16.815 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM047377.D
Acq: 28 Aug 2024 12:22

Instrument :
BNA_M
ClientSampleId :
WC-2

Tgt Ion:178 Resp: 312876

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.2	22.8
179	15.3	12.2	18.4

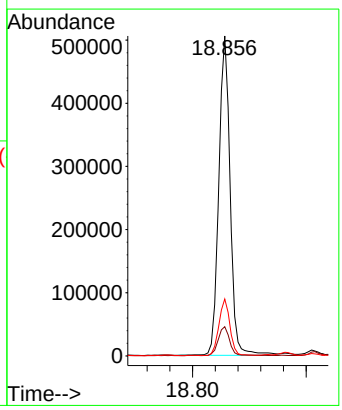


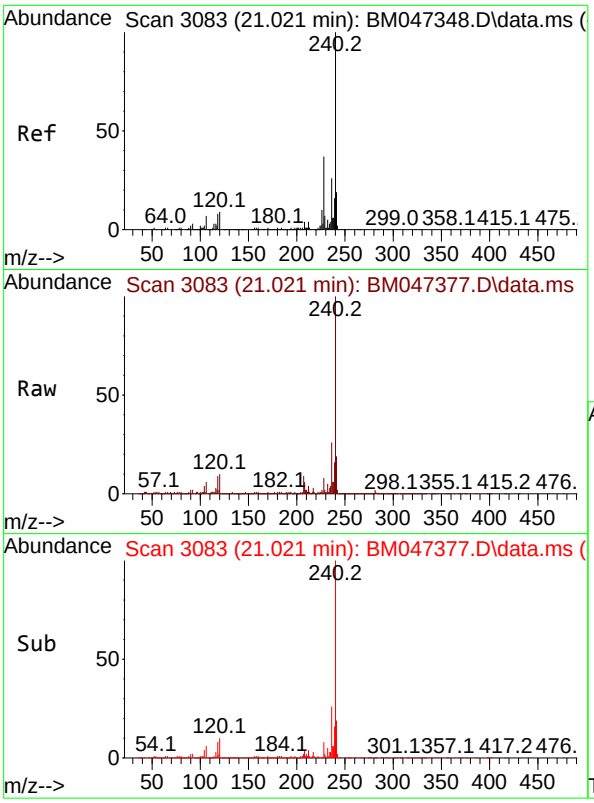


#75
Fluoranthene
Concen: 8.238 ng
RT: 18.856 min Scan# 2715
Delta R.T. 0.000 min
Lab File: BM047377.D
Acq: 28 Aug 2024 12:22

Tgt Ion:202 Resp: 701306

Ion	Ratio	Lower	Upper
202	100		
101	9.1	0.0	29.0
203	17.8	0.0	37.5



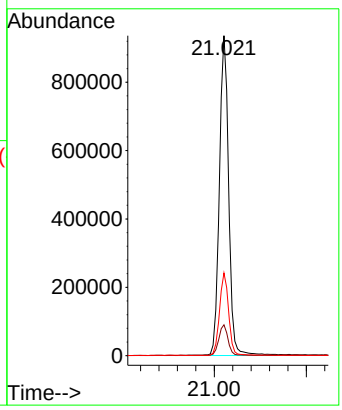


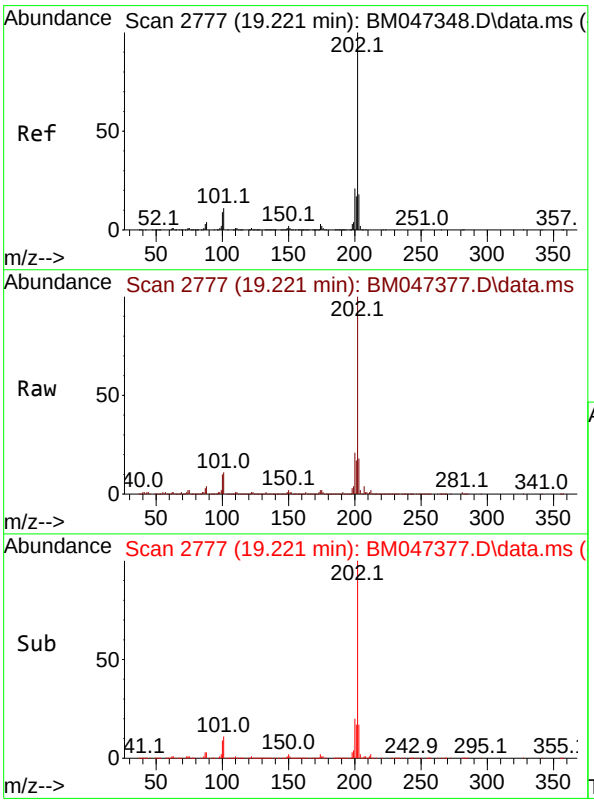
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.021 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM047377.D
Acq: 28 Aug 2024 12:22

Instrument :
BNA_M
ClientSampleId :
WC-2

Tgt Ion:240 Resp: 1302889

Ion	Ratio	Lower	Upper
240	100		
120	9.6	7.4	11.0
236	25.8	20.8	31.2

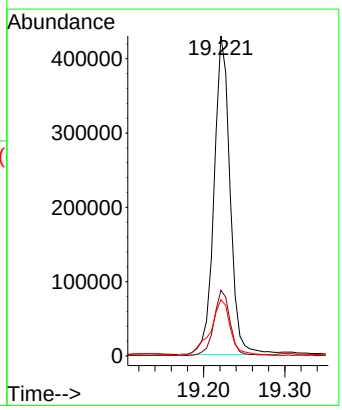


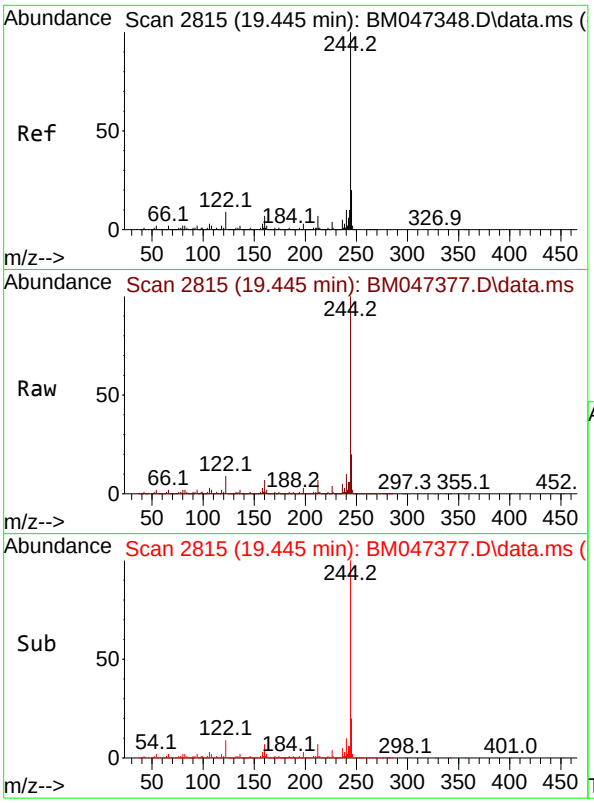


#78
Pyrene
Concen: 5.893 ng
RT: 19.221 min Scan# 2777
Delta R.T. 0.000 min
Lab File: BM047377.D
Acq: 28 Aug 2024 12:22

Tgt Ion:202 Resp: 588832

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.7	25.1
203	17.6	14.2	21.4



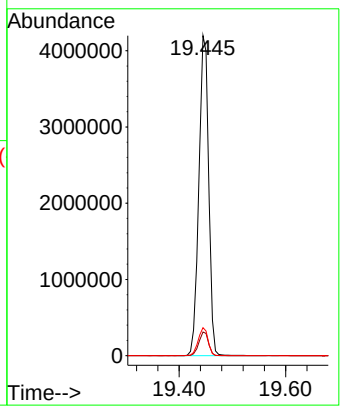


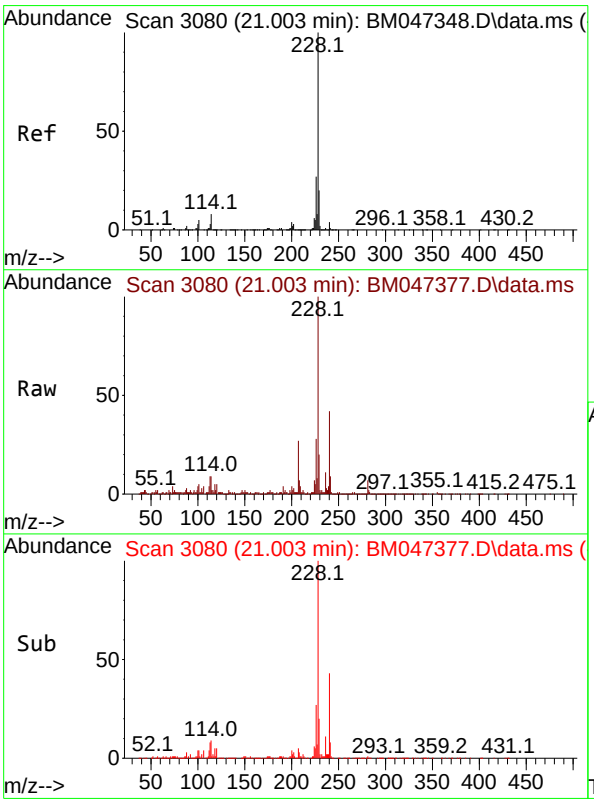
#79
Terphenyl-d14
Concen: 73.228 ng
RT: 19.445 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM047377.D
Acq: 28 Aug 2024 12:22

Instrument :
BNA_M
ClientSampleId :
WC-2

Tgt Ion:244 Resp: 5360129

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	8.7	7.0	10.4

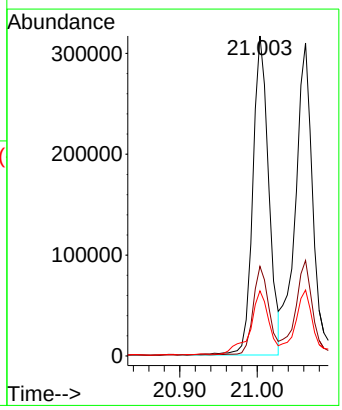


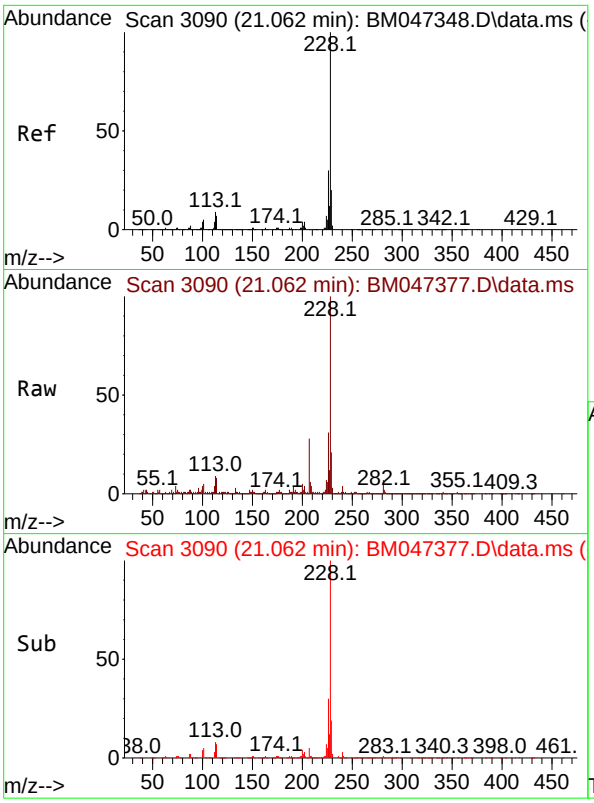


#81
Benzo(a)anthracene
Concen: 5.320 ng
RT: 21.003 min Scan# 3080
Delta R.T. 0.000 min
Lab File: BM047377.D
Acq: 28 Aug 2024 12:22

Tgt Ion:228 Resp: 452005

Ion	Ratio	Lower	Upper
228	100		
226	28.0	21.4	32.0
229	20.4	15.8	23.8



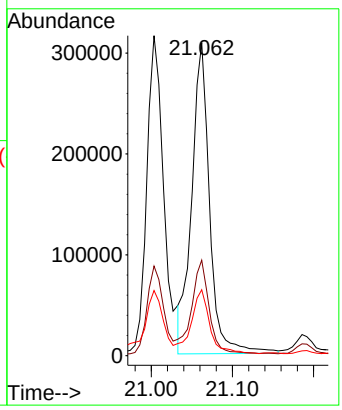


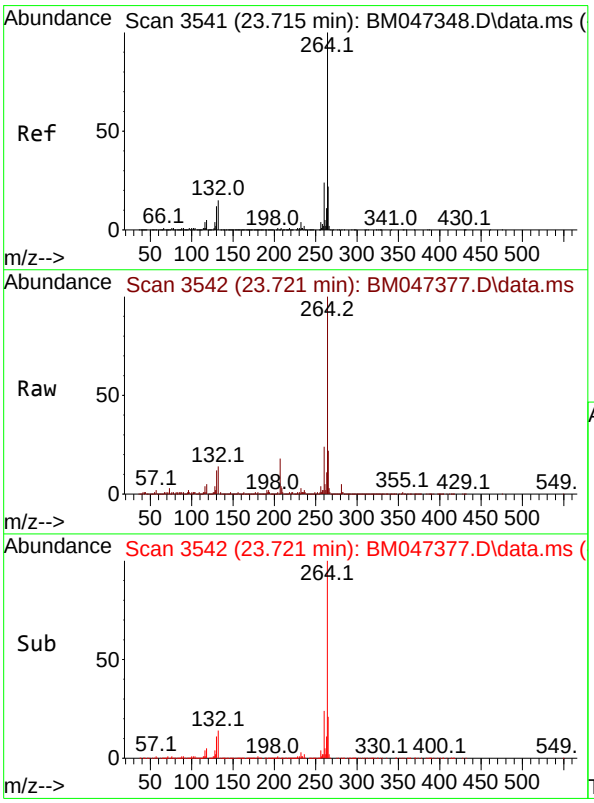
#83
Chrysene
Concen: 5.939 ng
RT: 21.062 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM047377.D
Acq: 28 Aug 2024 12:22

Instrument :
BNA_M
ClientSampleId :
WC-2

Tgt Ion:228 Resp: 474672

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.0	36.0
229	21.1	15.9	23.9

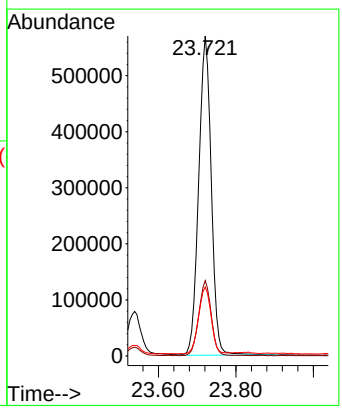


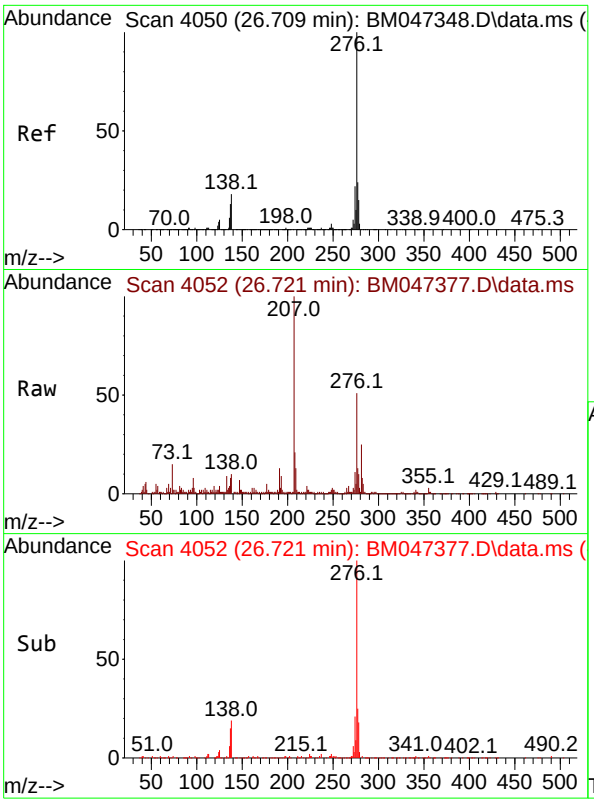


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.721 min Scan# 3542
Delta R.T. 0.006 min
Lab File: BM047377.D
Acq: 28 Aug 2024 12:22

Tgt Ion:264 Resp: 1284049

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.4
265	21.5	17.8	26.6



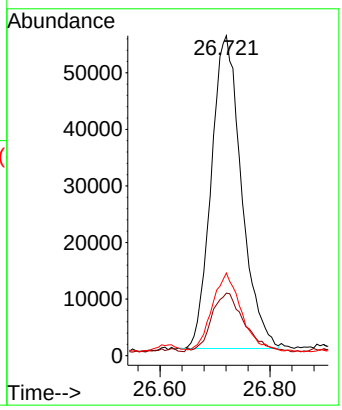


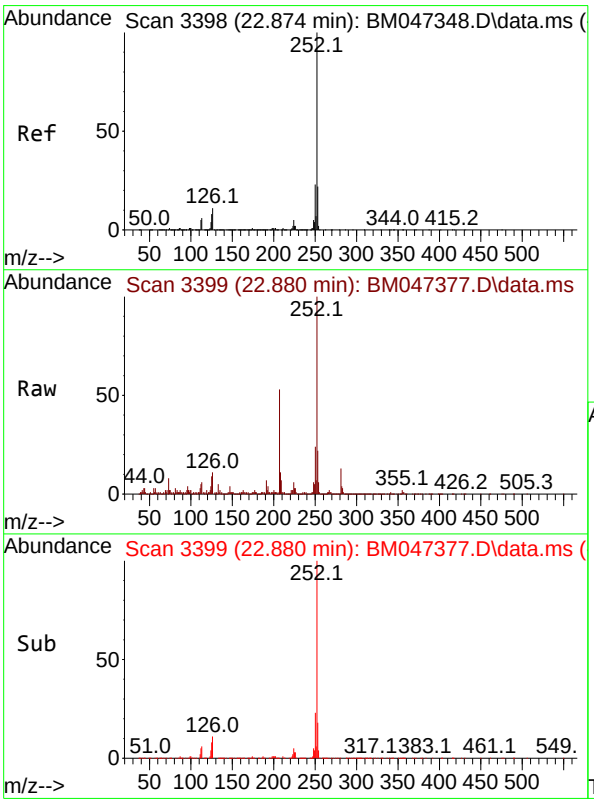
#87
Indeno(1,2,3-cd)pyrene
Concen: 2.622 ng
RT: 26.721 min Scan# 4
Delta R.T. 0.012 min
Lab File: BM047377.D
Acq: 28 Aug 2024 12:22

Instrument :
BNA_M
ClientSampleId :
WC-2

Tgt Ion:276 Resp: 210792

Ion	Ratio	Lower	Upper
276	100		
138	20.7	17.7	26.5
277	24.4	20.0	30.0

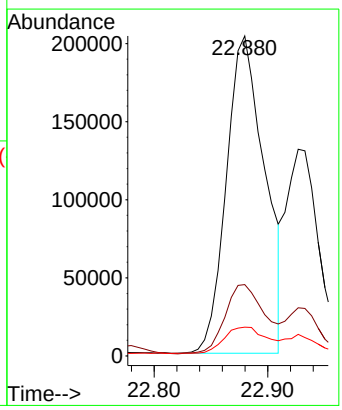


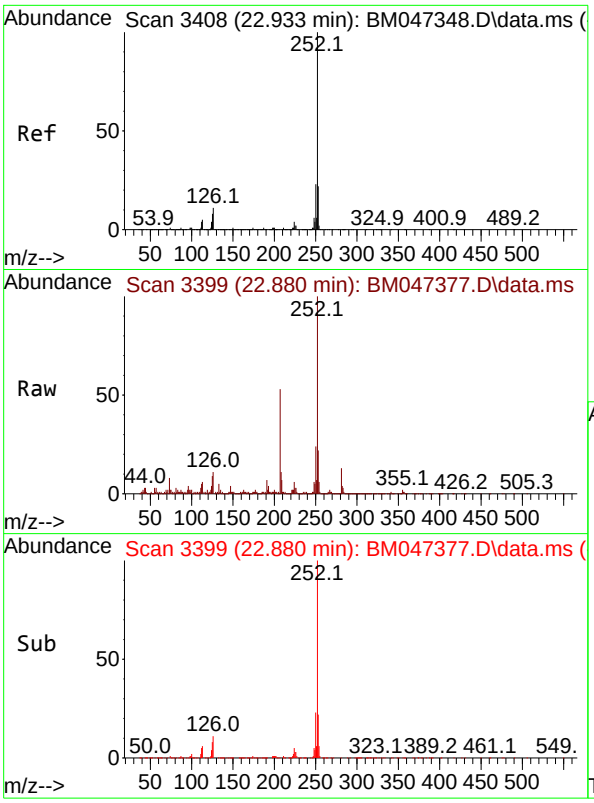


#88
Benzo(b)fluoranthene
Concen: 6.367 ng
RT: 22.880 min Scan# 3399
Delta R.T. 0.006 min
Lab File: BM047377.D
Acq: 28 Aug 2024 12:22

Tgt Ion:252 Resp: 476989

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	9.0	6.6	10.0



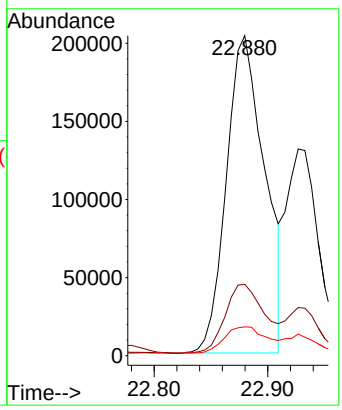


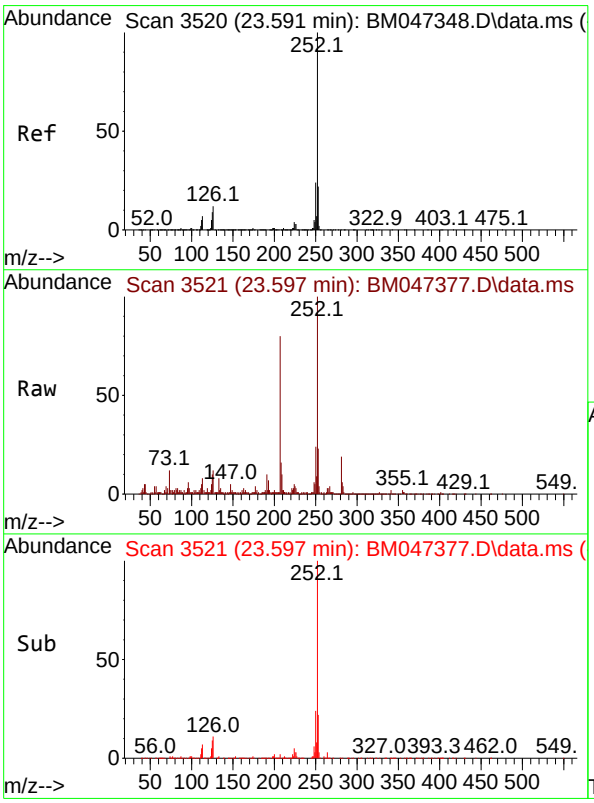
#89
Benzo(k)fluoranthene
Concen: 6.717 ng
RT: 22.880 min Scan# 3
Delta R.T. -0.053 min
Lab File: BM047377.D
Acq: 28 Aug 2024 12:22

Instrument :
BNA_M
ClientSampleId :
WC-2

Tgt Ion:252 Resp: 476989

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	9.0	6.6	9.8

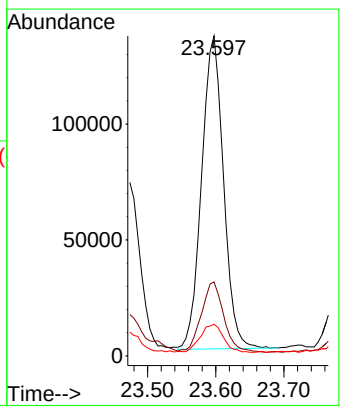


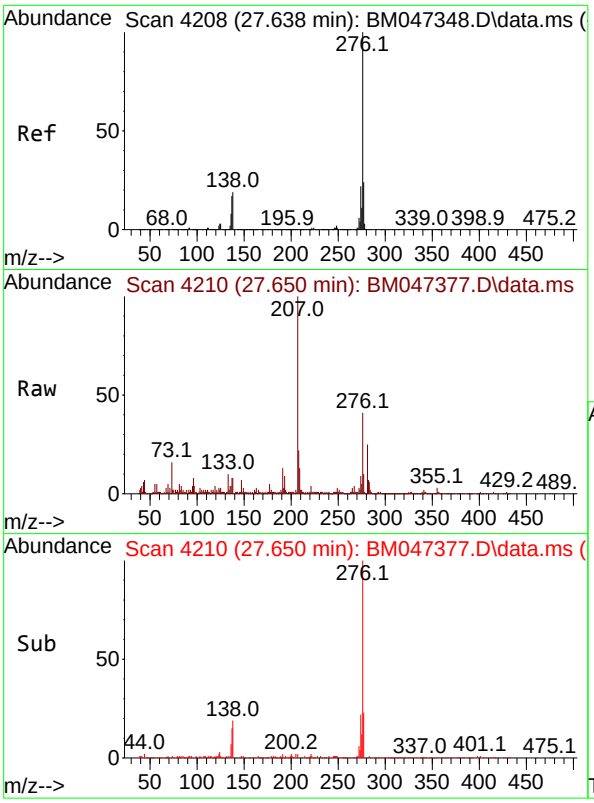


#90
Benzo(a)pyrene
Concen: 4.659 ng
RT: 23.597 min Scan# 3521
Delta R.T. 0.006 min
Lab File: BM047377.D
Acq: 28 Aug 2024 12:22

Tgt Ion:252 Resp: 301863

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.7	26.5
125	9.9	7.4	11.2





#92
Benzo(g,h,i)perylene
Concen: 2.721 ng
RT: 27.650 min Scan# 4
Delta R.T. 0.012 min
Lab File: BM047377.D
Acq: 28 Aug 2024 12:22

Instrument :
BNA_M
ClientSampleId :
WC-2

Tgt Ion:276 Resp: 184218

Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.4	29.0
138	20.3	15.0	22.6